

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061270.D
 Acq On : 4 May 2020 12:00
 Operator : JC/MD
 Sample : VN0504WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:36:11 AM

Quant Time: May 05 04:22:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	118481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	200863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	186630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	101339	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
35) Dibromofluoromethane	7.54	113	59789	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.06	98	269558	55.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.34%	
62) 4-Bromofluorobenzene	12.37	95	98973	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	25248	20.096	ug/l	100
3) Chloromethane	2.03	50	34941	22.963	ug/l	100
4) Vinyl Chloride	2.16	62	38343	22.185	ug/l	99
5) Bromomethane	2.54	94	16134	18.885	ug/l	97
6) Chloroethane	2.67	64	22767	20.783	ug/l	100
7) Trichlorofluoromethane	2.98	101	46744	23.973	ug/l	100
8) Diethyl Ether	3.37	74	18626	22.901	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	27546	21.928	ug/l	99
10) Methyl Iodide	3.91	142	29600	18.335	ug/l	99
11) Tert butyl alcohol	4.72	59	29420	117.148	ug/l	99
12) 1,1-Dichloroethene	3.69	96	25613	20.489	ug/l	96
13) Acrolein	3.56	56	13797	82.440	ug/l	96
14) Allyl chloride	4.27	41	55671	24.018	ug/l	98
15) Acrylonitrile	4.92	53	84139	109.141	ug/l	99
16) Acetone	3.77	43	76901	102.810	ug/l	98
17) Carbon Disulfide	4.00	76	62495	18.098	ug/l	100
18) Methyl Acetate	4.27	43	45408	19.606	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	100020	20.939	ug/l	100
20) Methylene Chloride	4.49	84	30965	21.182	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	28351	20.828	ug/l	99
22) Diisopropyl ether	5.90	45	116307	21.639	ug/l	99
23) Vinyl Acetate	5.83	43	456938	105.583	ug/l	100
24) 1,1-Dichloroethane	5.79	63	59468	21.176	ug/l	99
25) 2-Butanone	6.78	43	118607	106.917	ug/l	100
26) 2,2-Dichloropropane	6.77	77	52165	22.053	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	32709	20.476	ug/l	99
28) Bromochloromethane	7.15	49	31711	23.824	ug/l	97
29) Tetrahydrofuran	7.16	42	79103	105.855	ug/l	99
30) Chloroform	7.32	83	58128	20.425	ug/l	99
31) Cyclohexane	7.61	56	52658	19.308	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	50096	20.215	ug/l	99
36) 1,1-Dichloropropene	7.75	75	42642	21.207	ug/l	99
37) Ethyl Acetate	6.88	43	50613	21.471	ug/l	100
38) Carbon Tetrachloride	7.73	117	37034	21.550	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	46280	20.524	ug/l	97
40) Benzene	8.00	78	126319	21.087	ug/l	99
41) Methacrylonitrile	7.12	41	21537m	22.005	ug/l	
42) 1,2-Dichloroethane	8.08	62	48898	21.547	ug/l	98
43) Isopropyl Acetate	8.12	43	81903	20.936	ug/l	100
44) Trichloroethene	8.80	130	31550	19.483	ug/l	99
45) 1,2-Dichloropropane	9.08	63	34111	21.314	ug/l	98
46) Dibromomethane	9.17	93	20889	21.080	ug/l	98
47) Bromodichloromethane	9.36	83	45239	21.270	ug/l	99
48) Methyl methacrylate	9.17	41	36407	20.623	ug/l	98
49) 1,4-Dioxane	9.16	88	10375	517.743	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	250406	108.743	ug/l	99
52) Toluene	10.12	92	76511	21.205	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	50264	20.973	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	52830	20.851	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	30290	21.046	ug/l	97
56) Ethyl methacrylate	10.40	69	45843	20.009	ug/l	98
57) 1,3-Dichloropropane	10.68	76	53691	21.223	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	112865	96.882	ug/l	100
59) 2-Hexanone	10.72	43	179794	107.321	ug/l	99
60) Dibromochloromethane	10.87	129	31197	20.696	ug/l	98
61) 1,2-Dibromoethane	10.98	107	29486	20.441	ug/l	99
64) Tetrachloroethene	10.60	164	31842	19.699	ug/l	96
65) Chlorobenzene	11.41	112	77522	20.940	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	28354	21.399	ug/l	100
67) Ethyl Benzene	11.48	91	144258	20.816	ug/l	100
68) m/p-Xylenes	11.59	106	106647	42.042	ug/l	99
69) o-Xylene	11.92	106	49987	20.514	ug/l	99
70) Styrene	11.94	104	83656	20.513	ug/l	99
71) Bromoform	12.10	173	20257	20.802	ug/l #	98
73) Isopropylbenzene	12.22	105	136876	21.232	ug/l	100
74) N-amyl acetate	12.04	43	68101	20.861	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	44468	22.121	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	42788m	23.143	ug/l	
77) Bromobenzene	12.50	156	31721	21.315	ug/l	97
78) n-propylbenzene	12.56	91	165155	21.598	ug/l	100
79) 2-Chlorotoluene	12.65	91	96809	21.539	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	115067	21.565	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	15430	21.194	ug/l	99
82) 4-Chlorotoluene	12.75	91	102823	21.706	ug/l	99
83) tert-Butylbenzene	12.97	119	95513	21.229	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	116889	21.263	ug/l	100
85) sec-Butylbenzene	13.15	105	131908	21.504	ug/l	100
86) p-Isopropyltoluene	13.26	119	118836	21.502	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	58597	21.388	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	58381	20.856	ug/l	98
89) n-Butylbenzene	13.59	91	107285	21.175	ug/l	99
90) Hexachloroethane	13.85	117	12568	26.103	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	55912	21.284	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8763	20.640	ug/l	98

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ClientSampleId :
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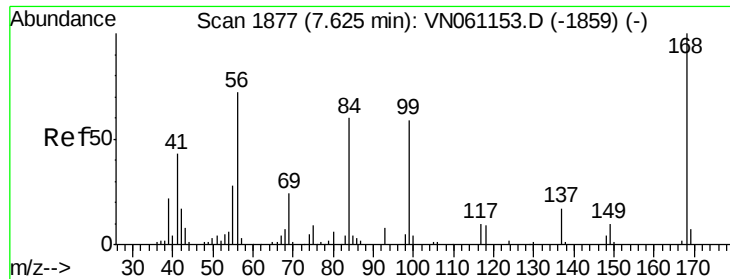
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	32625	20.395	ug/l	100
94) Hexachlorobutadiene	14.99	225	15221	22.776	ug/l	97
95) Naphthalene	15.11	128	98456	18.899	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	32191	20.383	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0504WBS01

Tot Ion:168 Resp: 118481

Ion Ratio Lower Upper

168 100

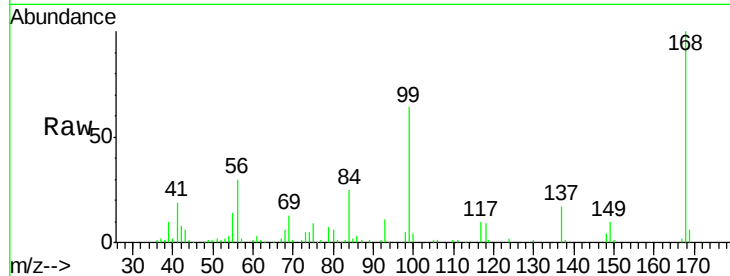
99 63.6 51.2 76.8

Manual Integrations

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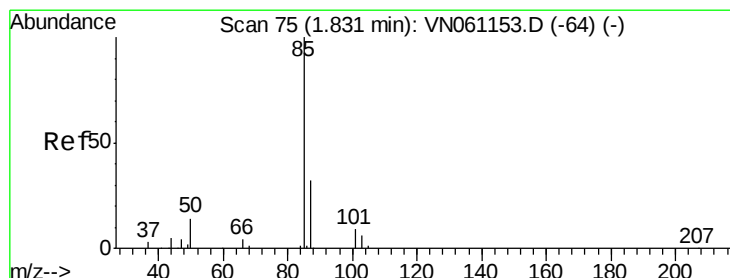
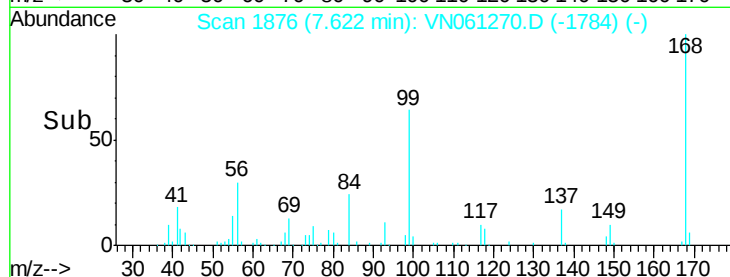
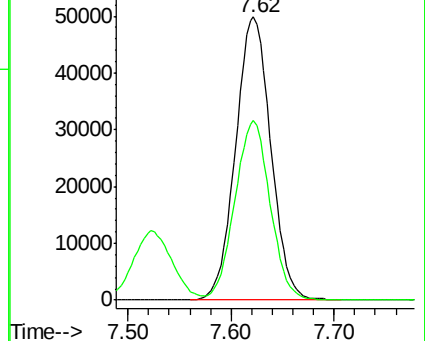
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 20.096 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061270.D

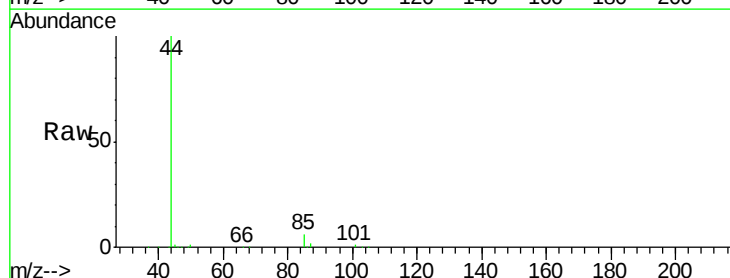
Acq: 4 May 2020 12:00

Tgt Ion: 85 Resp: 25248

Ion Ratio Lower Upper

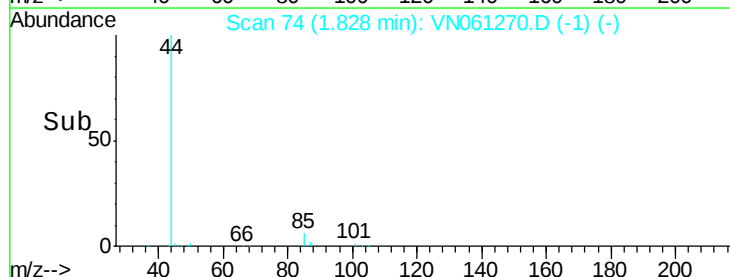
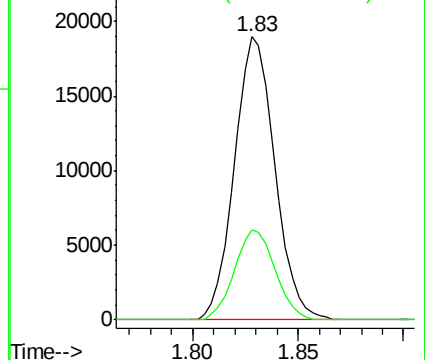
85 100

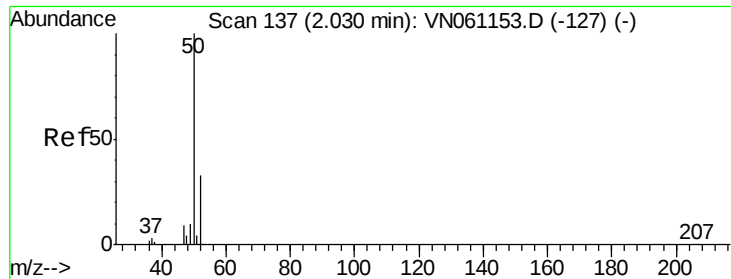
87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 22.963 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS01

Tot Ion: 50 Resp: 34941

Ion Ratio Lower Upper

50 100

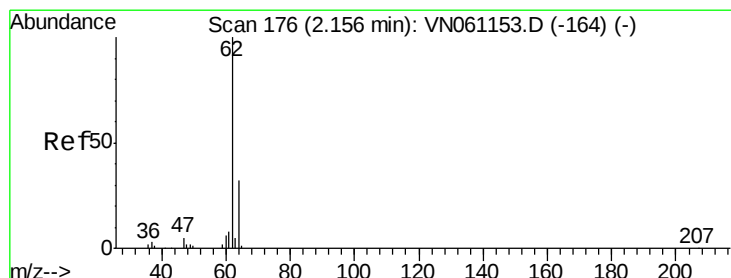
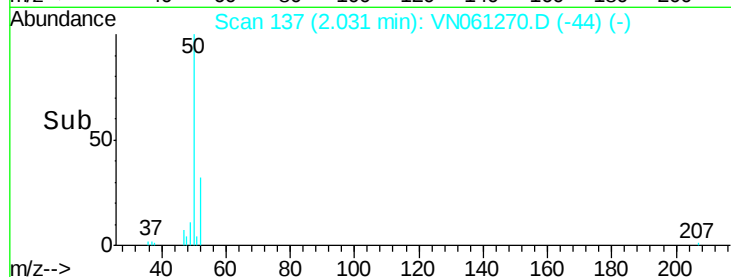
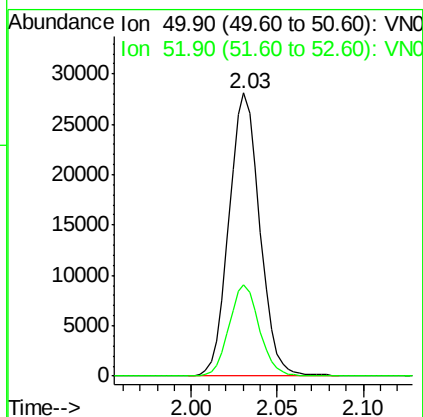
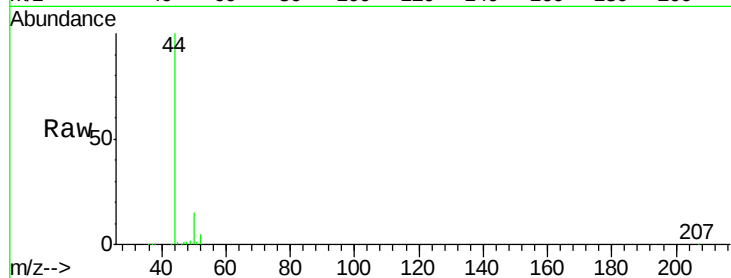
52 32.4 26.0 39.0

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#4

Vinyl Chloride

Concen: 22.185 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061270.D

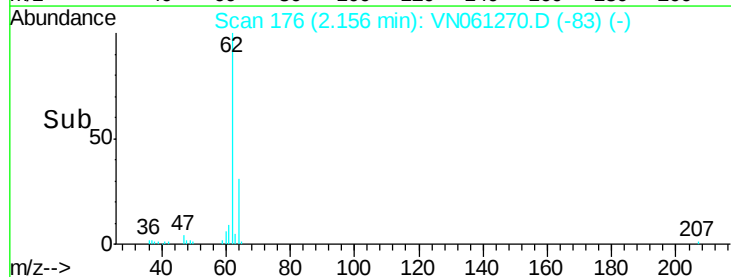
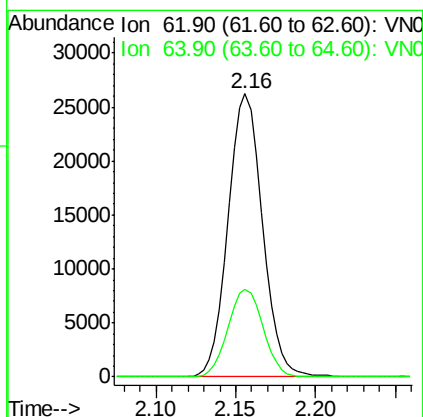
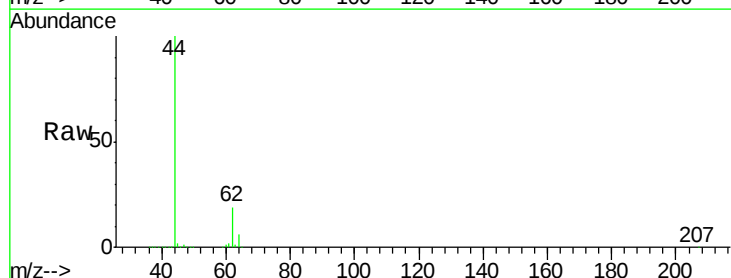
Acq: 4 May 2020 12:00

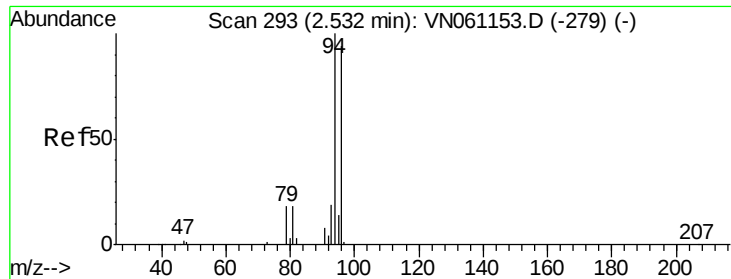
Tgt Ion: 62 Resp: 38343

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 18.885 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0504WBS01

Tot Ion: 94 Resp: 16134

Ion Ratio Lower Upper

94 100

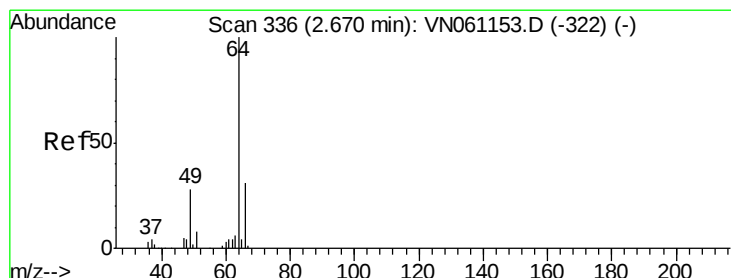
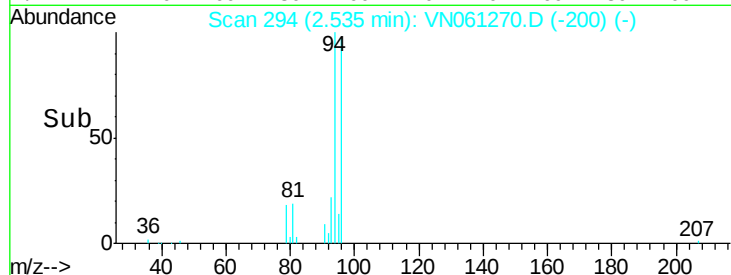
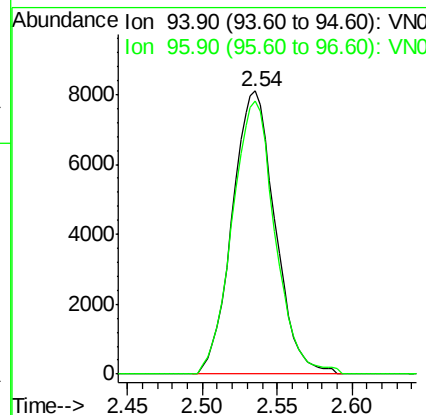
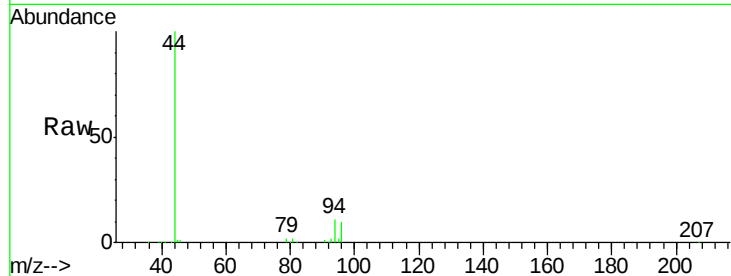
96 96.6 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 20.783 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061270.D

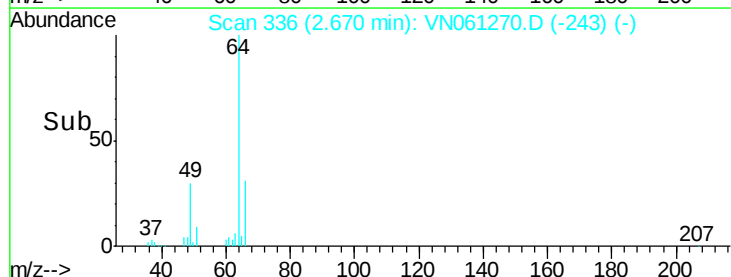
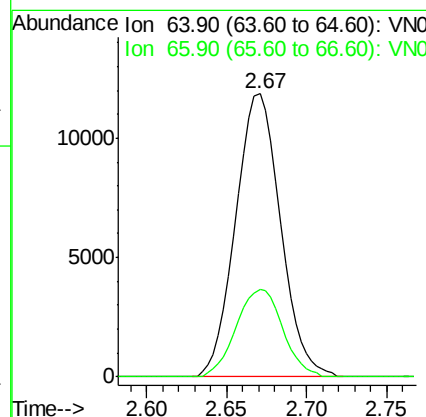
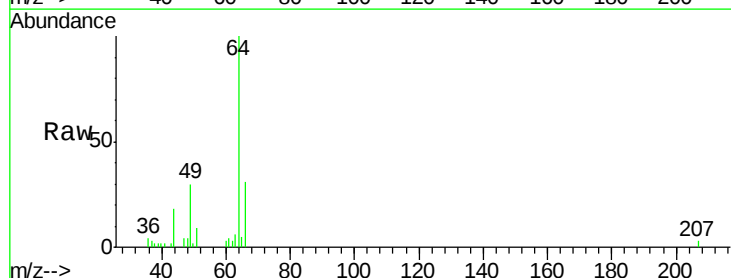
Acq: 4 May 2020 12:00

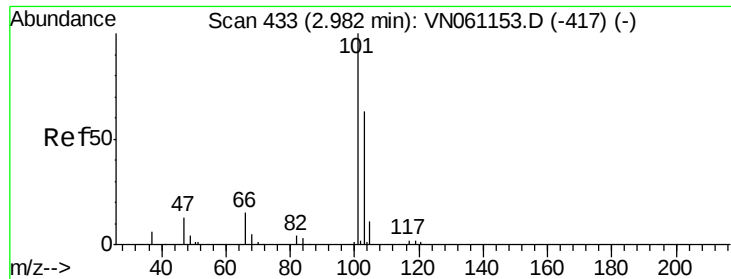
Tgt Ion: 64 Resp: 22767

Ion Ratio Lower Upper

64 100

66 30.8 24.6 36.8





#7

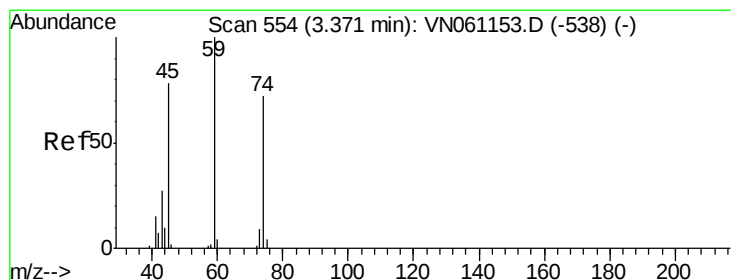
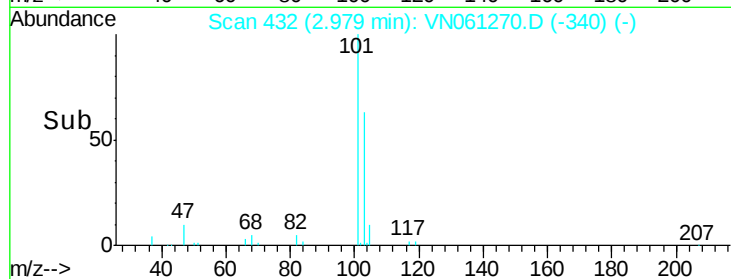
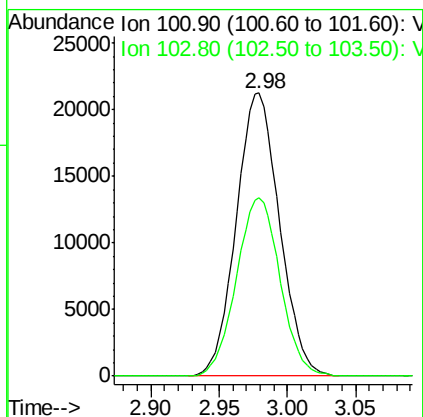
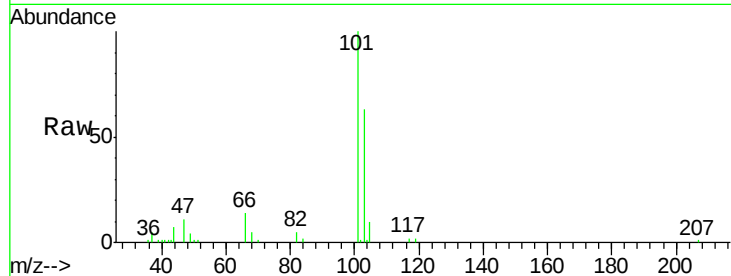
Trichlorofluoromethane
 Concen: 23.973 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
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 VN0504WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	50.6	76.0

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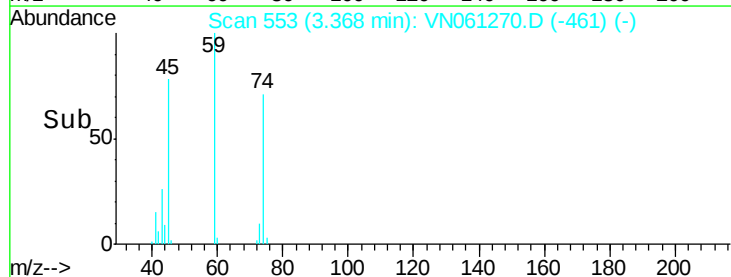
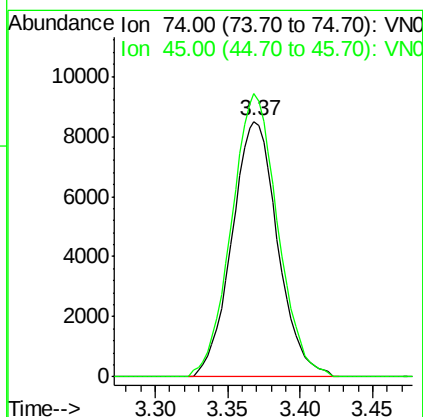
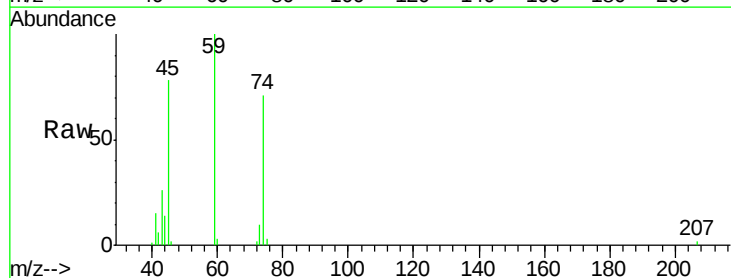
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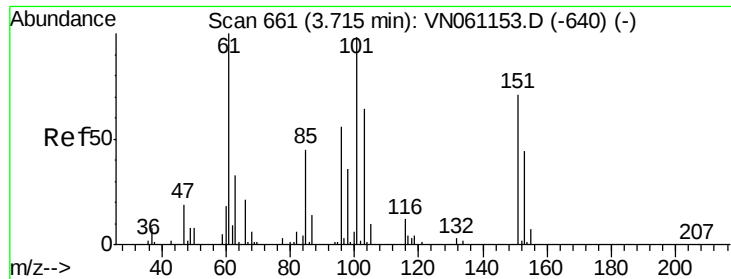


#8

Diethyl Ether
 Concen: 22.901 ug/l
 RT: 3.37 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.0	53.3	160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.928 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

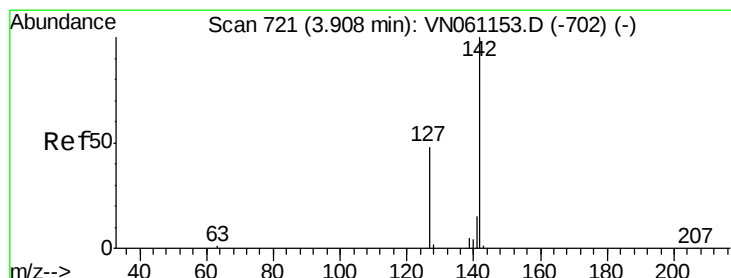
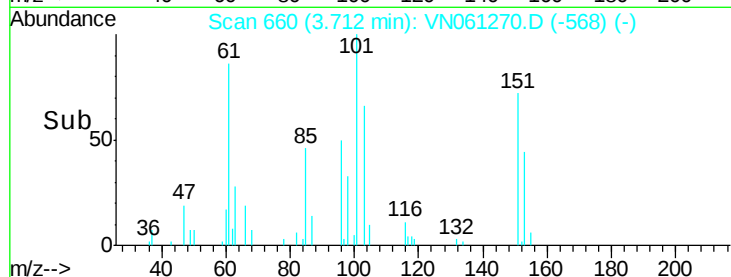
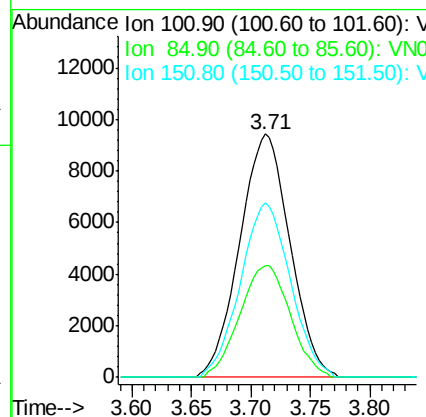
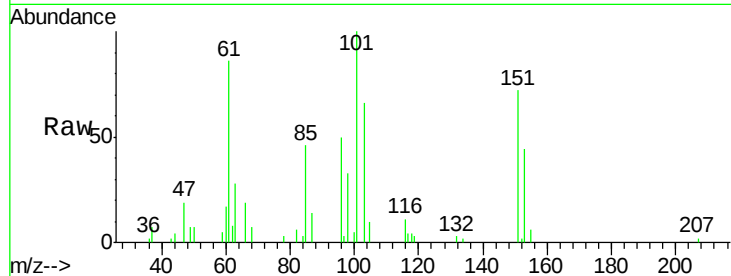
ClientSampled :

VN0504WBS01

Tot Ion:	101	Resp:	27546
Ion Ratio	Lower	Upper	
101	100		
85	46.1	37.2	55.8
151	71.5	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 18.335 ug/l

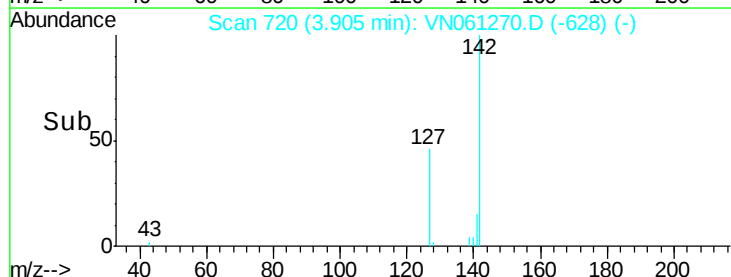
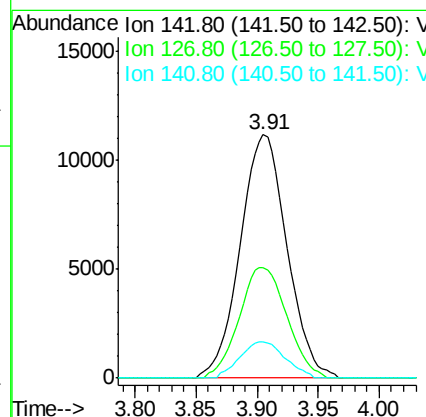
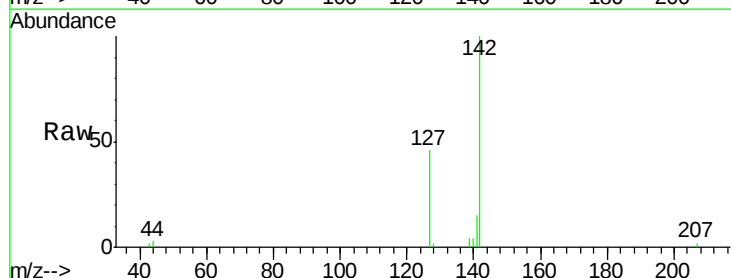
RT: 3.91 min Scan# 720

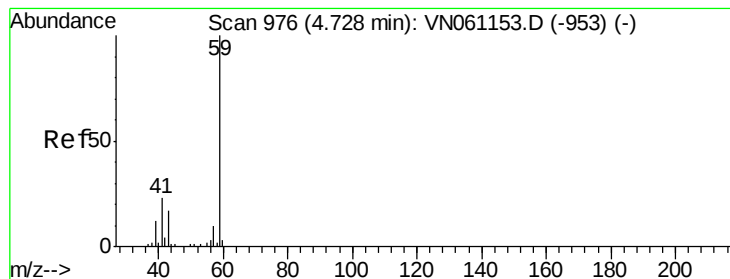
Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Tgt Ion:	142	Resp:	29600
Ion Ratio	Lower	Upper	
142	100		
127	46.4	38.0	57.0
141	14.5	11.7	17.5





#11

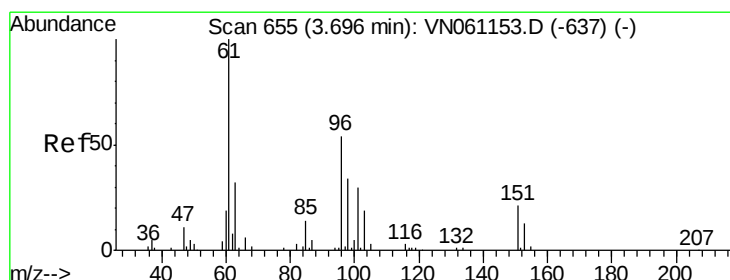
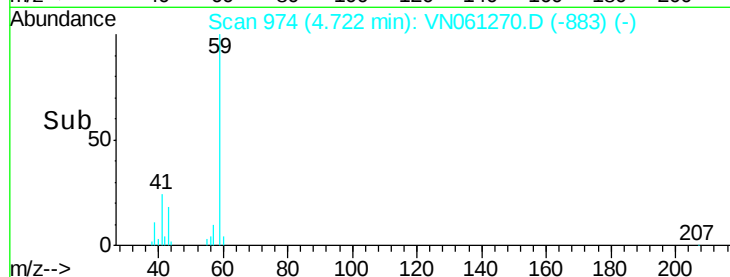
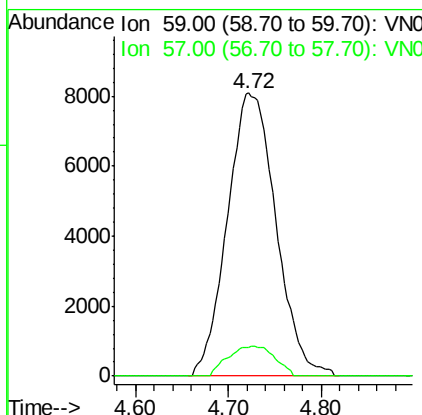
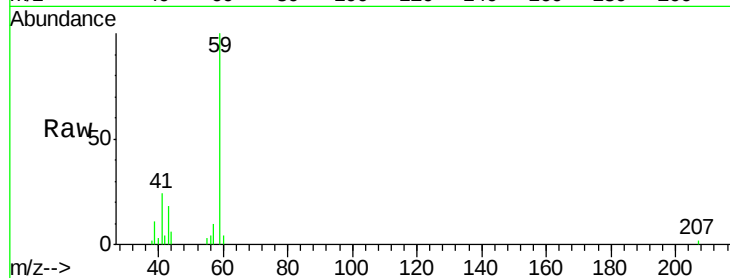
Tert butyl alcohol
Concen: 117.148 ug/l
RT: 4.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0504WBS01

Tot Ion	59	Resp	29420
Ion Ratio	100	Lower	Upper
57	10.1	8.3	12.5

Manual Integrations
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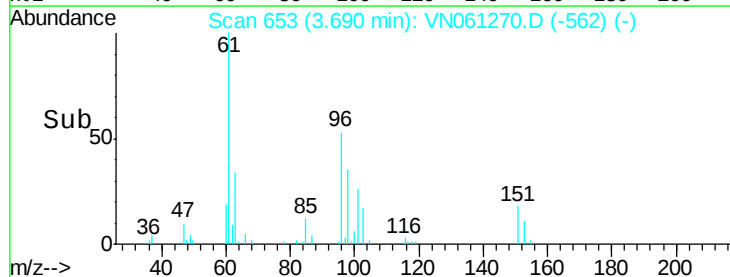
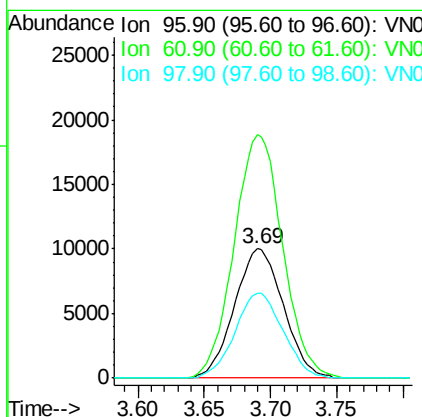
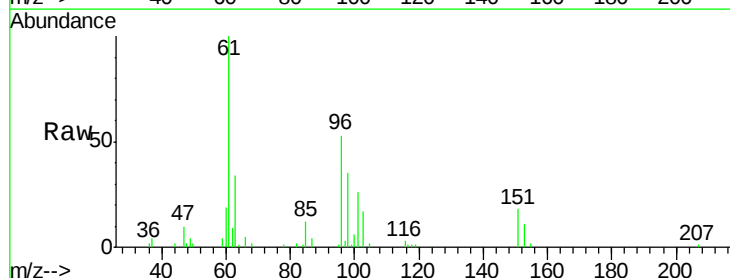
MMDadoda
5/5/2020 11:36:11 AM

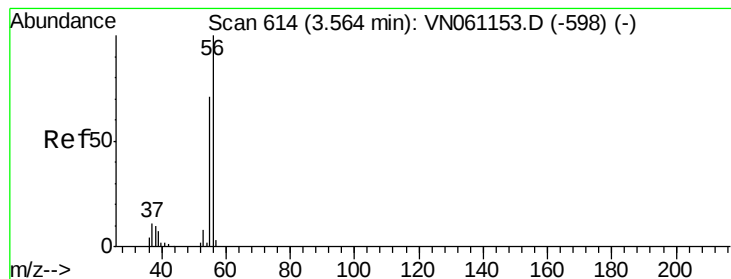


#12

1,1-Dichloroethene
Concen: 20.489 ug/l
RT: 3.69 min Scan# 653
Delta R.T. -0.01 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion	96	Resp	25613
Ion Ratio	100	Lower	Upper
61	188.7	147.0	220.6
98	65.3	49.8	74.6





#13

Acrolein

Concen: 82.440 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0504WBS01

Tot Ion: 56 Resp: 13797

Ion Ratio Lower Upper

56 100

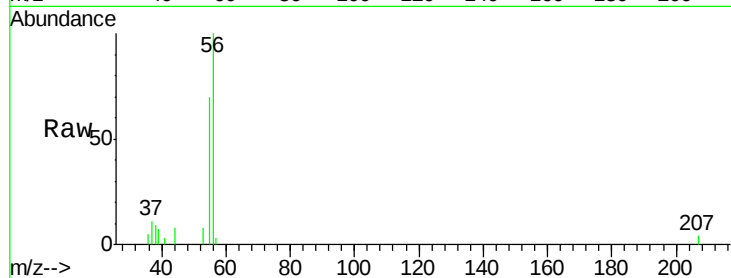
55 69.9 58.5 87.7

Manual Integrations

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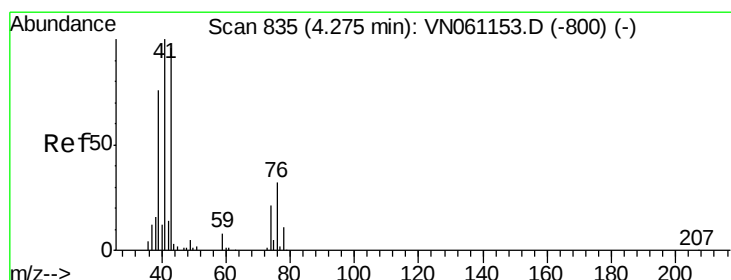
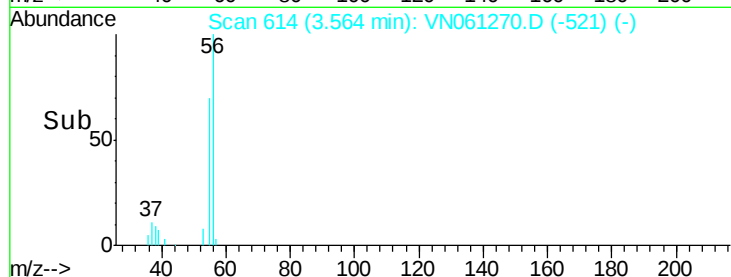
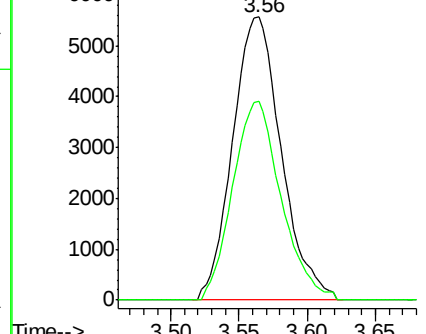
MMDadoda

5/5/2020 11:36:11 AM



Abundance Ion 56.00 (55.70 to 56.70): VN061270.D (-521) (-)

Ion 55.00 (54.70 to 55.70): VN061270.D (-521) (-)



#14

Allyl chloride

Concen: 24.018 ug/l

RT: 4.27 min Scan# 833

Delta R.T. -0.01 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

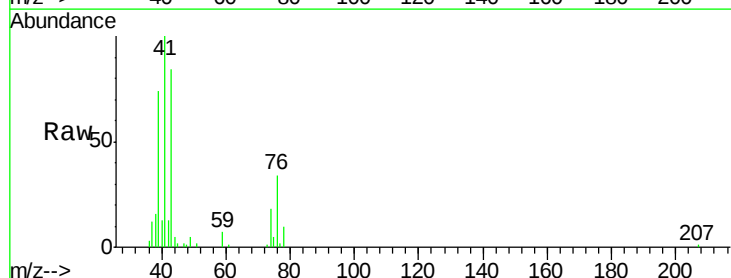
Tgt Ion: 41 Resp: 55671

Ion Ratio Lower Upper

41 100

39 69.6 57.1 85.7

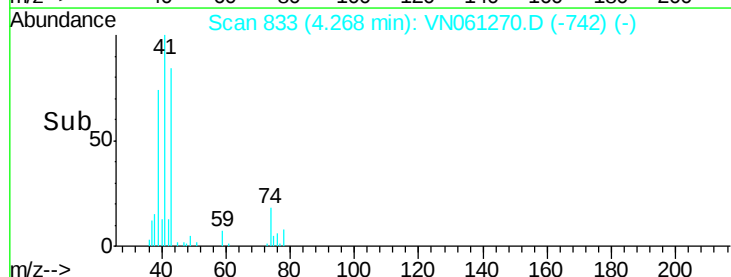
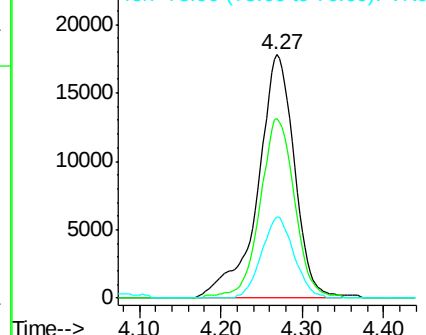
76 29.3 24.3 36.5

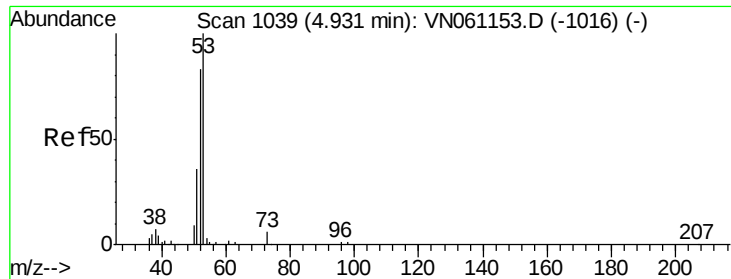


Abundance Ion 41.00 (40.70 to 41.70): VN061270.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061270.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061270.D (-742) (-)





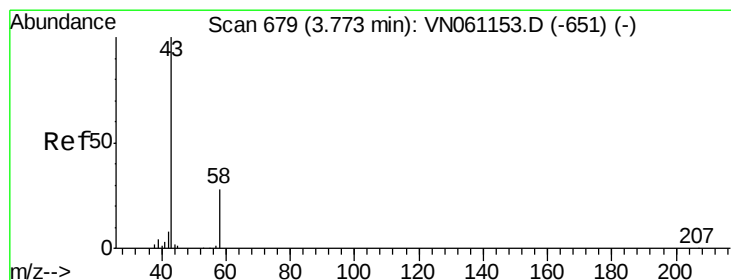
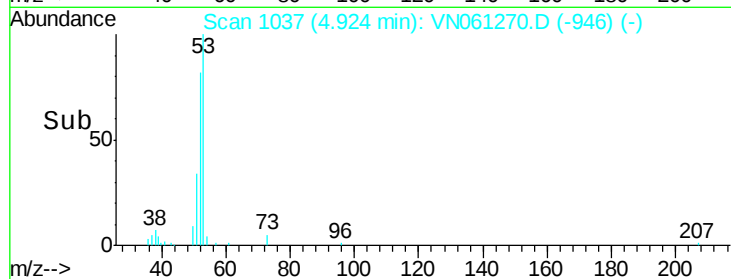
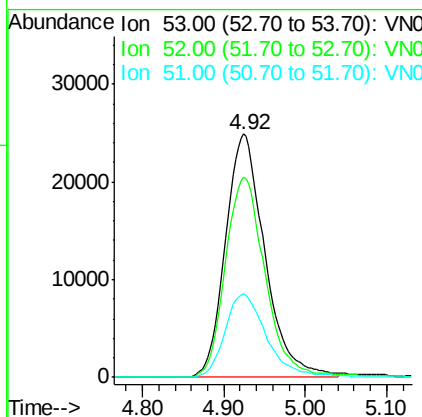
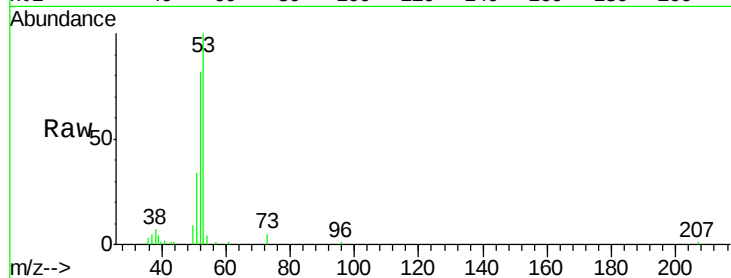
#15
 Acrylonitrile
 Concen: 109.141 ug/l
 RT: 4.92 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.4	98.0
51	36.1	29.5	44.3

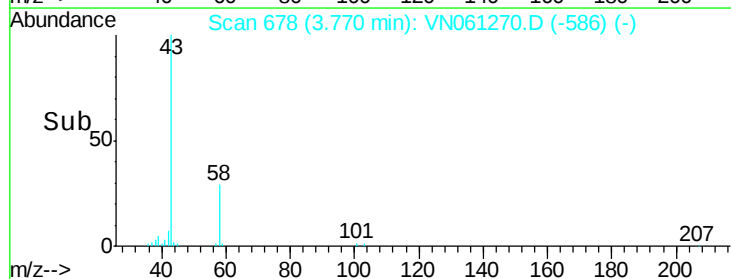
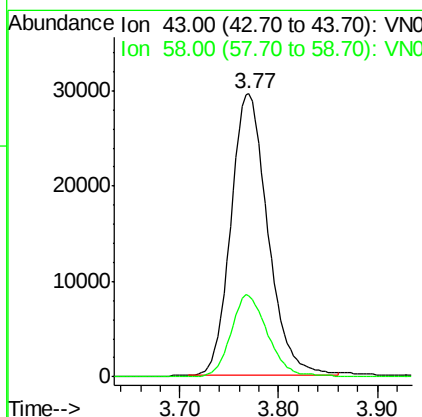
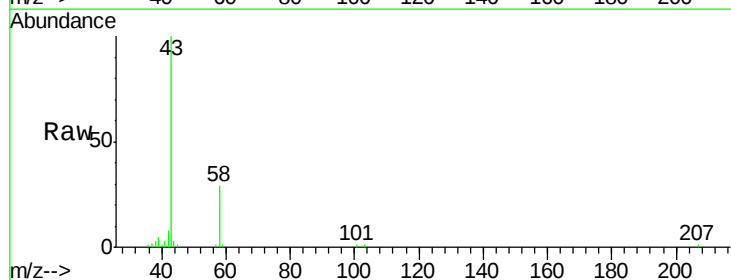
Manual Integrations
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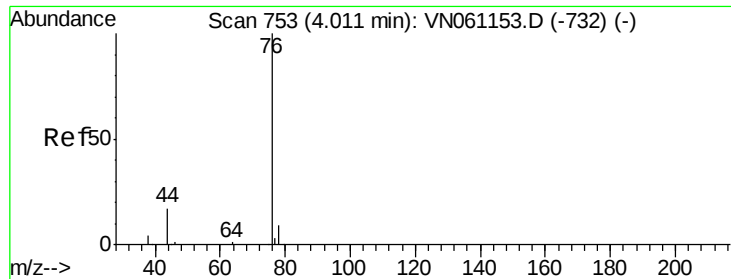
MMDadoda
 5/5/2020 11:36:11 AM



#16
 Acetone
 Concen: 102.810 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.2	33.2





#17

Carbon Disulfide

Concen: 18.098 ug/l

RT: 4.00 min Scan# 751

Delta R.T. -0.01 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0504WBS01

Tot Ion: 76 Resp: 62495

Ion Ratio Lower Upper

76 100

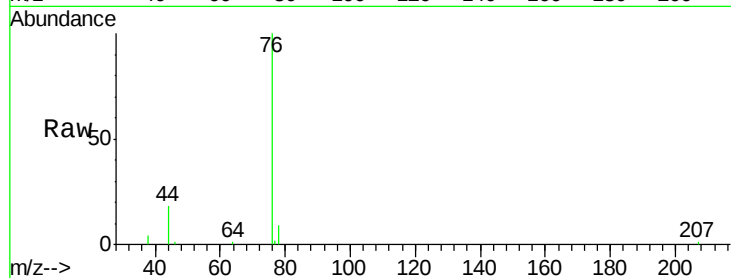
78 8.9 7.2 10.8

Manual Integrations

APPROVED

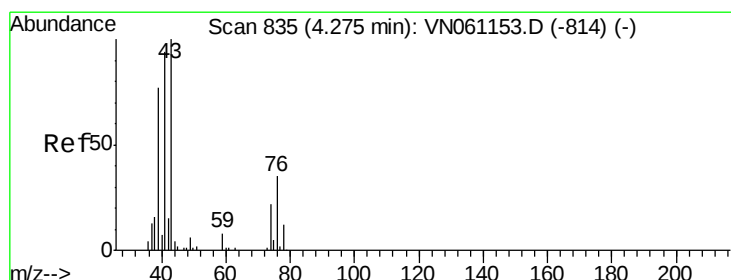
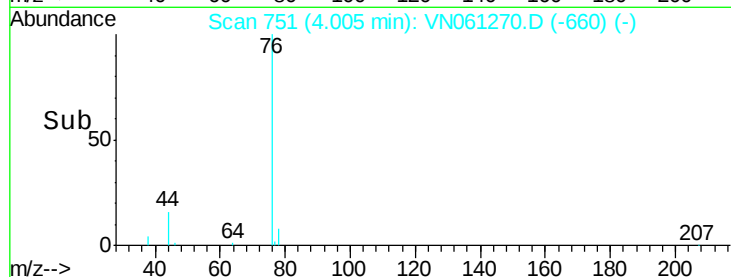
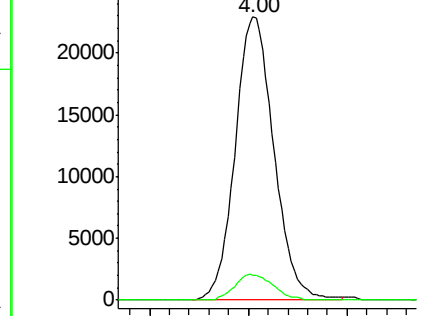
MMDadoda

5/5/2020 11:36:11 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.606 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061270.D

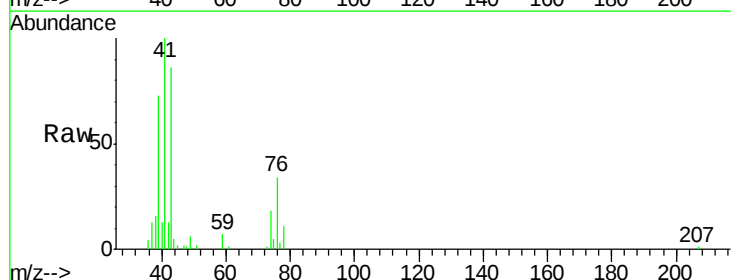
Acq: 4 May 2020 12:00

Tgt Ion: 43 Resp: 45408

Ion Ratio Lower Upper

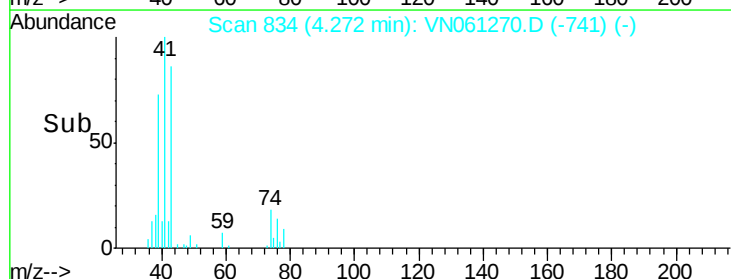
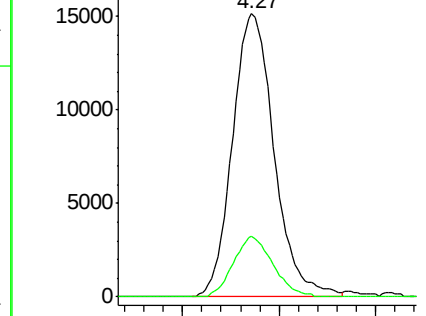
43 100

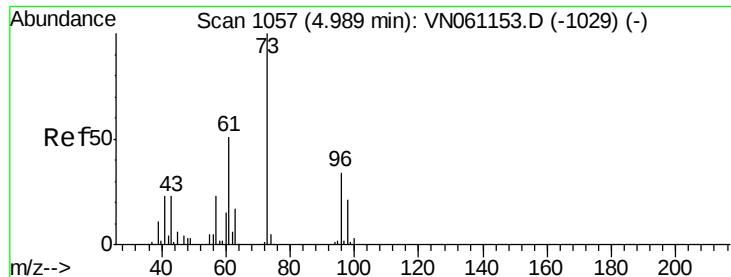
74 20.1 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





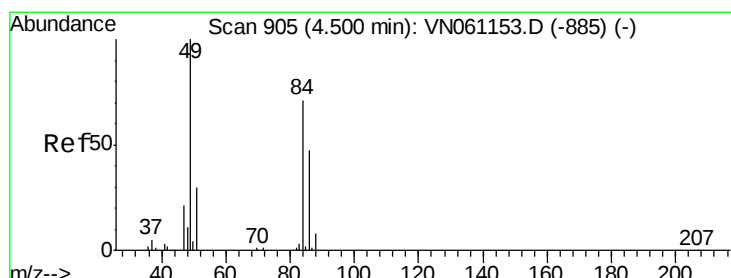
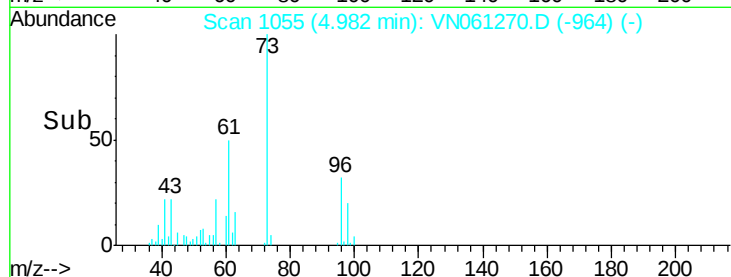
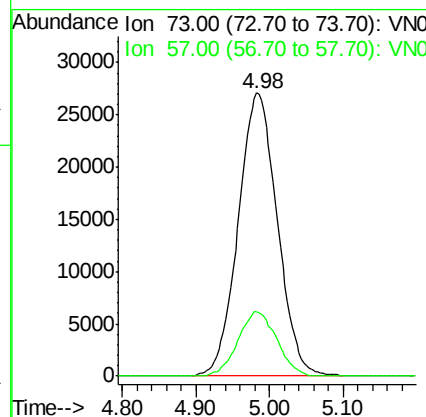
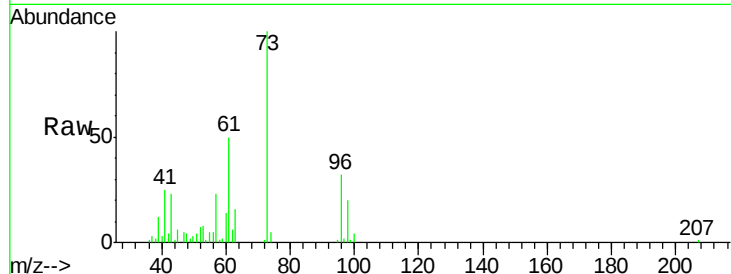
#19
Methvl tert-butvl Ether
Concen: 20.939 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS01

Tot Ion: 73 Resp: 100020
Ion Ratio Lower Upper
73 100
57 23.0 18.3 27.5

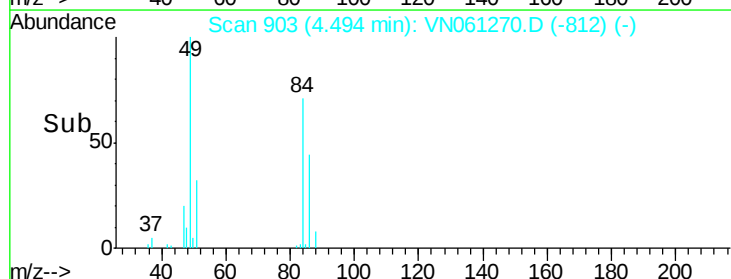
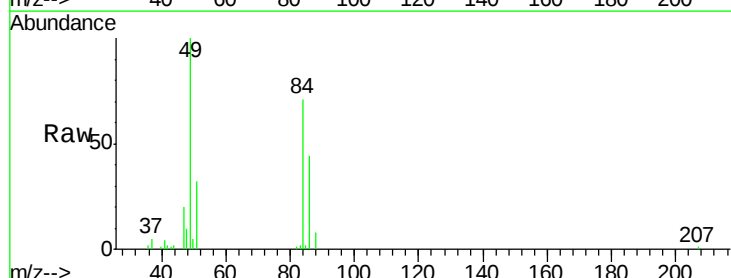
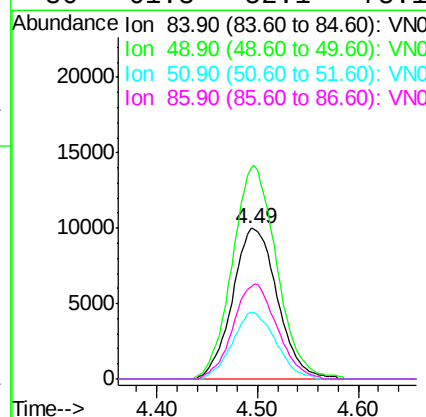
Manual Integrations
APPROVED

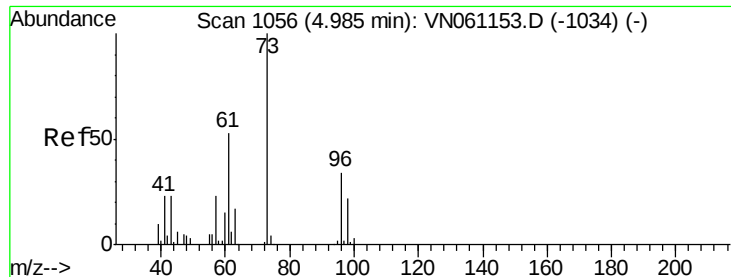
MMDadoda
5/5/2020 11:36:11 AM



#20
Methylene Chloride
Concen: 21.182 ug/l
RT: 4.49 min Scan# 903
Delta R.T. -0.01 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion: 84 Resp: 30965
Ion Ratio Lower Upper
84 100
49 140.6 112.0 168.0
51 44.3 33.6 50.4
86 61.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.828 ug/l

RT: 4.98 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

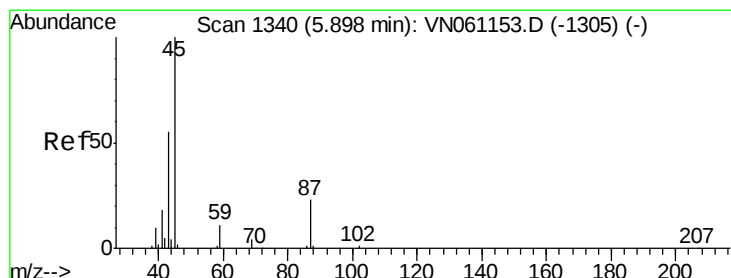
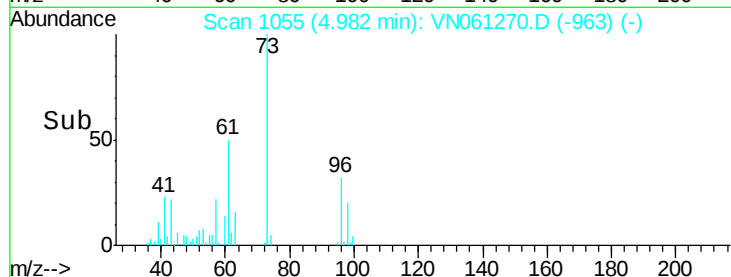
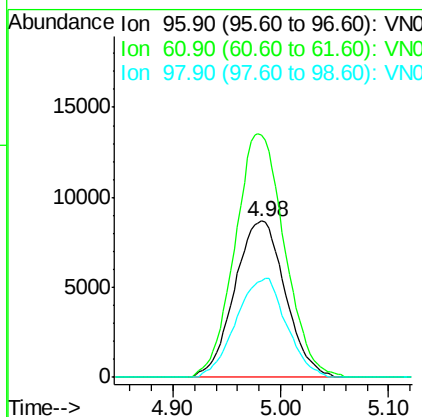
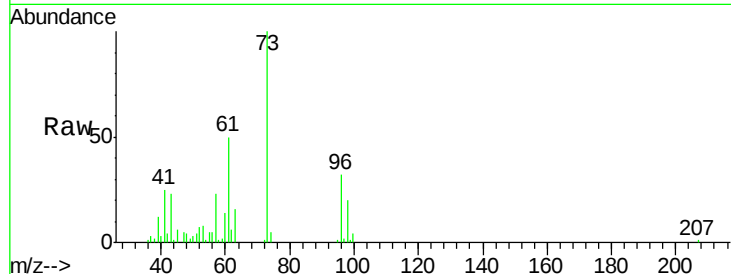
ClientSampled :

VN0504WBS01

Tot Ion:	96	Resp:	28351
Ion	Ratio	Lower	Upper
96	100		
61	155.2	123.0	184.4
98	62.1	50.1	75.1

Manual Integrations
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MMDadoda
5/5/2020 11:36:11 AM



#22

Diisopropyl ether

Concen: 21.639 ug/l

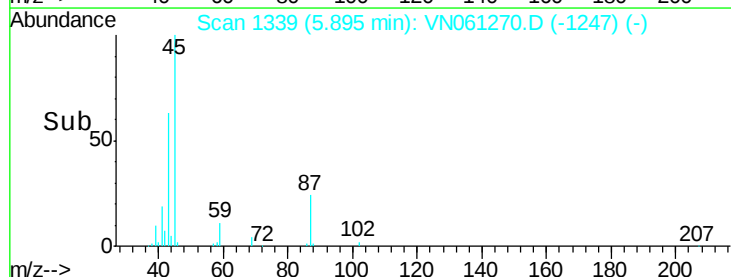
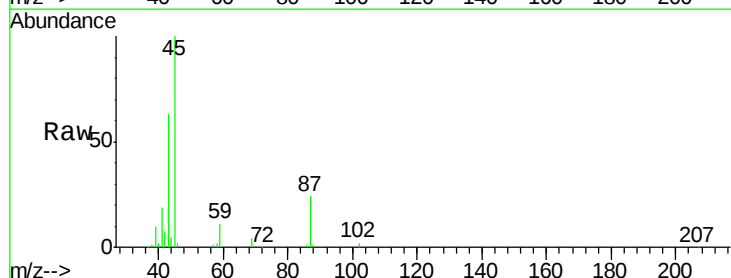
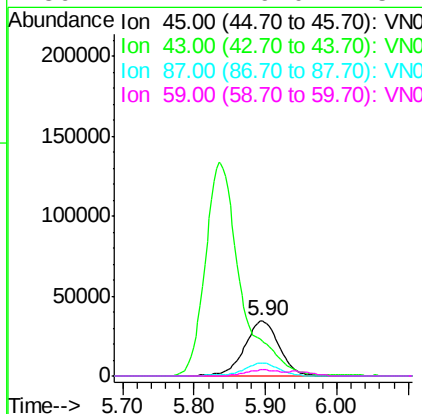
RT: 5.90 min Scan# 1339

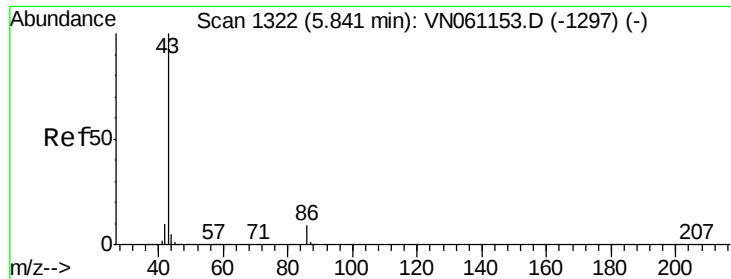
Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Tgt Ion:	45	Resp:	116307
Ion	Ratio	Lower	Upper
45	100		
43	61.5	47.9	71.9
87	23.7	19.2	28.8
59	11.1	9.0	13.4





#23

Vinyl Acetate

Concen: 105.583 ug/l

RT: 5.83 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0504WBS01

Tot Ion: 43 Resp: 456938

Ion Ratio Lower Upper

43 100

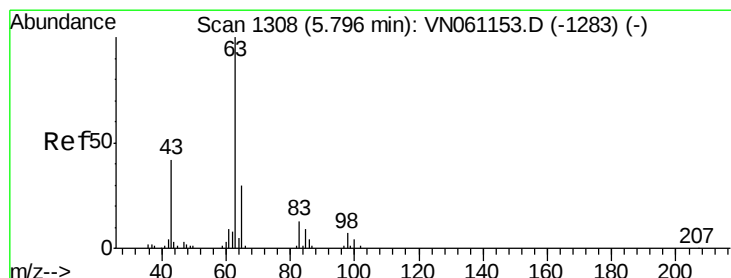
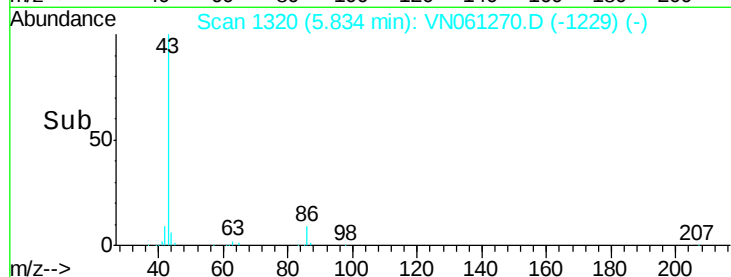
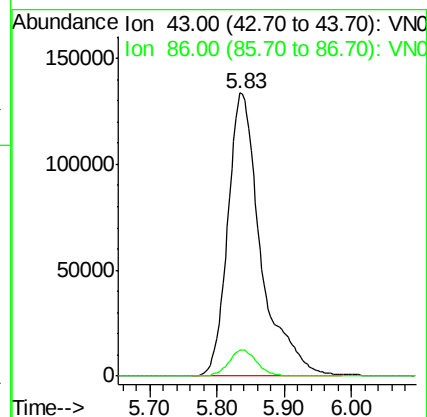
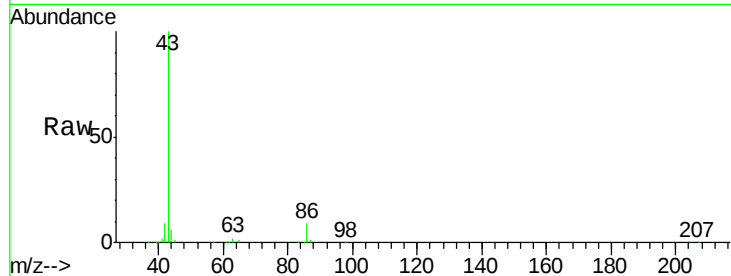
86 9.0 7.2 10.8

Manual Integrations

APPROVED

MMDadoda

5/5/2020 11:36:11 AM



#24

1,1-Dichloroethane

Concen: 21.176 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

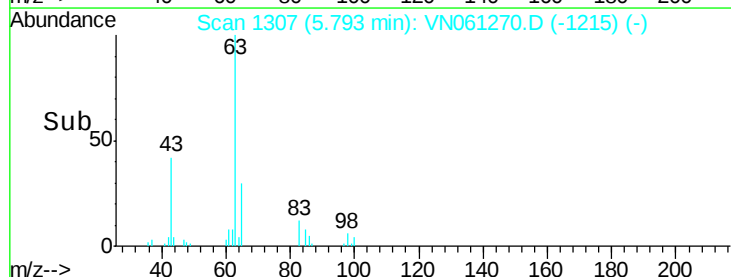
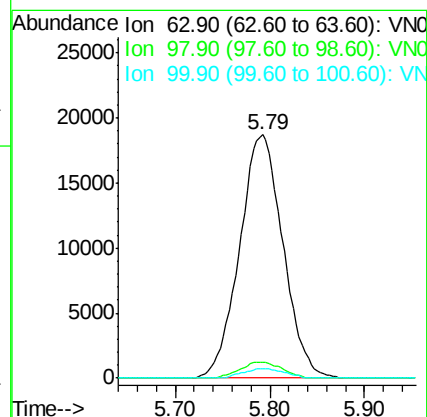
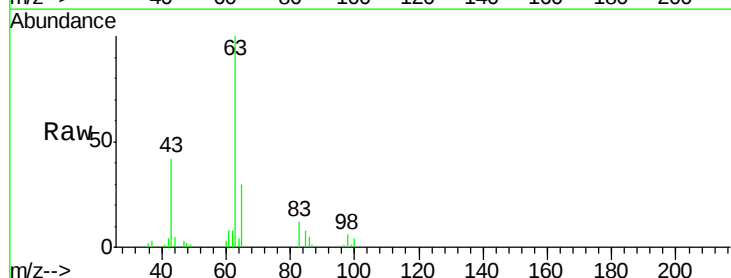
Tgt Ion: 63 Resp: 59468

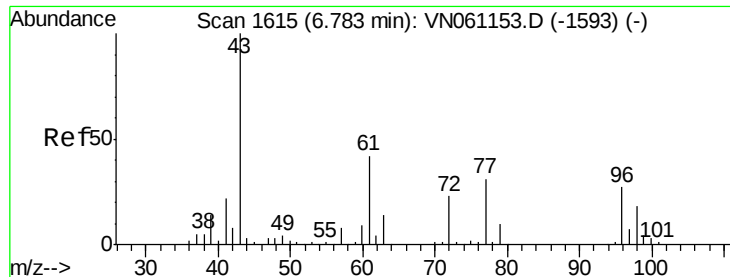
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.1 1.9 5.7





#25

2-Butanone

Concen: 106.917 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0504WBS01

Tot Ion: 43 Resp: 118607

Ion Ratio Lower Upper

43 100

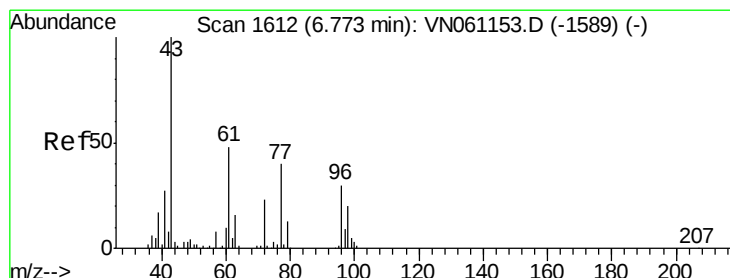
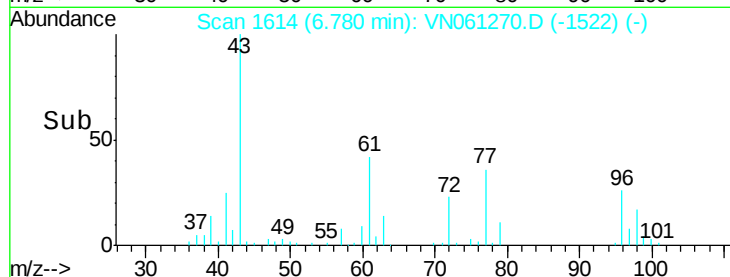
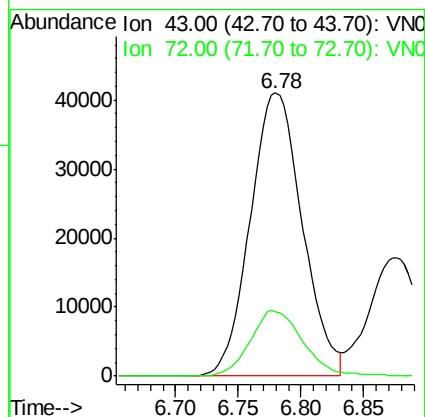
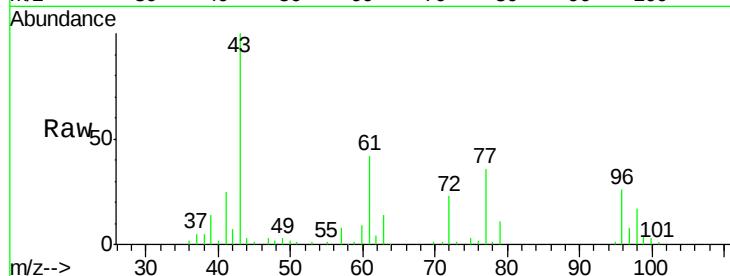
72 22.9 18.2 27.4

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#26

2,2-Dichloropropane

Concen: 22.053 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061270.D

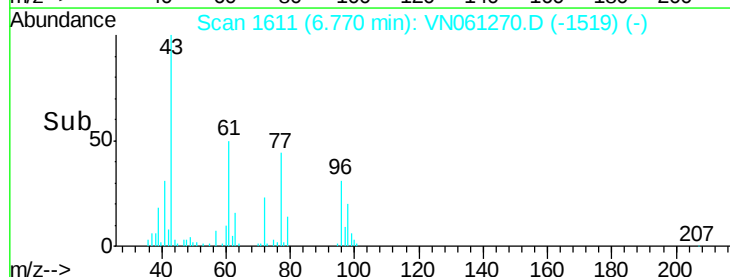
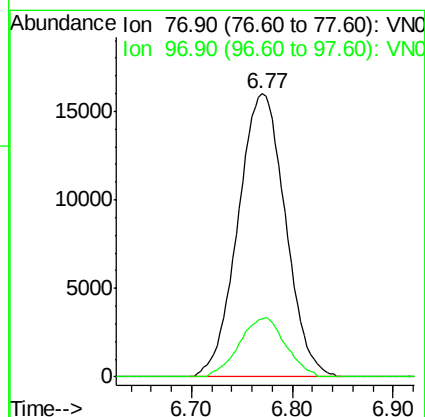
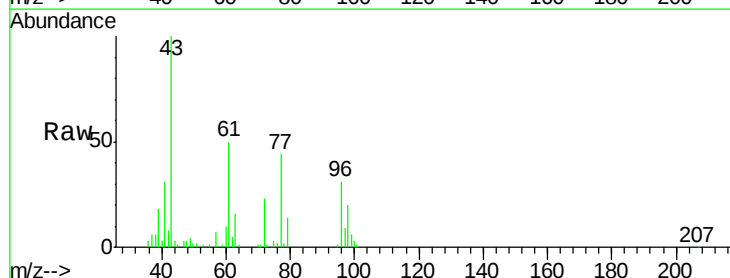
Acq: 4 May 2020 12:00

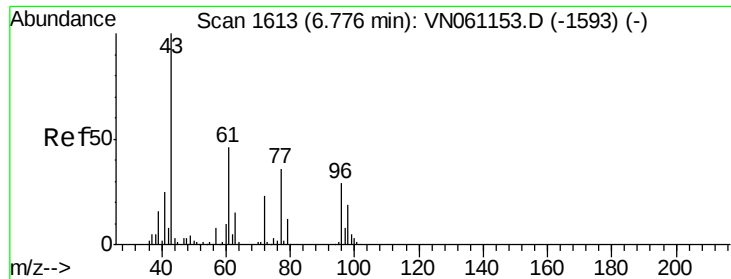
Tgt Ion: 77 Resp: 52165

Ion Ratio Lower Upper

77 100

97 20.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 20.476 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

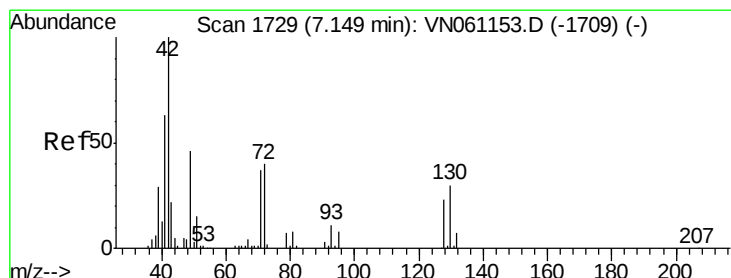
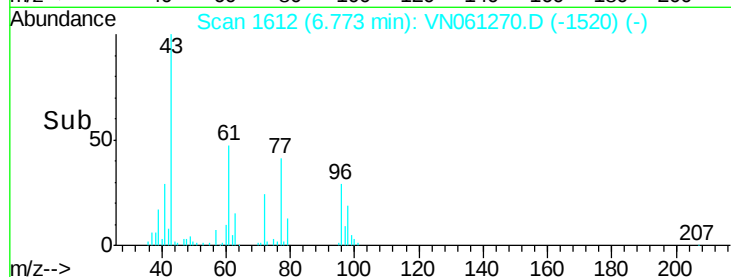
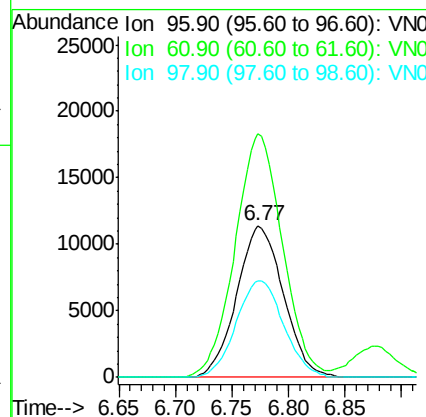
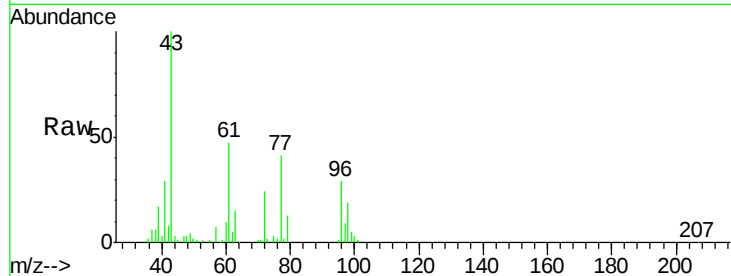
ClientSampleId :

VN0504WBS01

Tot Ion:	96	Resp:	32709
Ion	Ratio	Lower	Upper
96	100		
61	163.1	0.0	322.0
98	64.9	0.0	129.6

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#28

Bromochloromethane

Concen: 23.824 ug/l

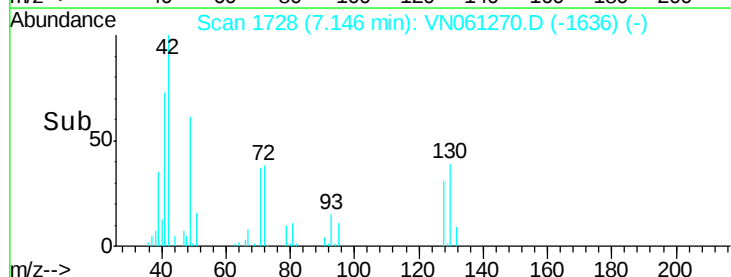
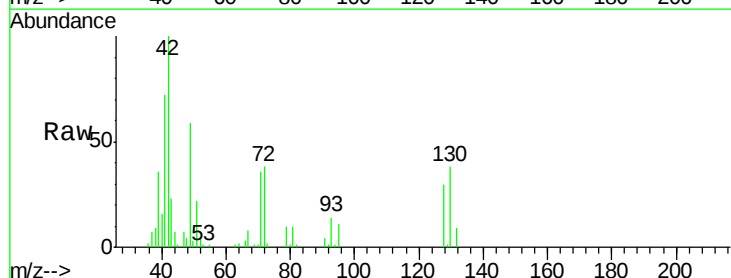
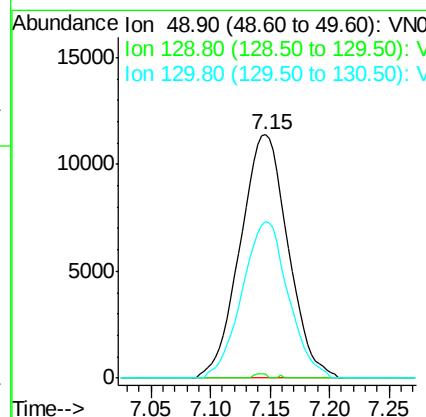
RT: 7.15 min Scan# 1728

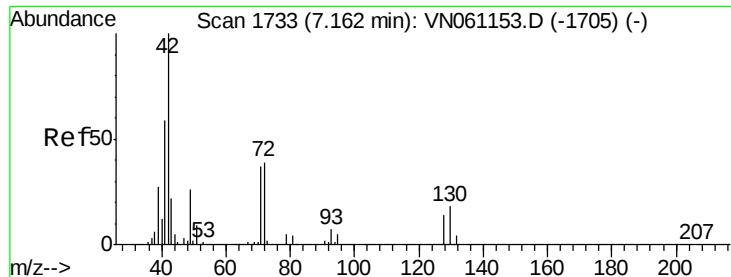
Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Tgt Ion:	49	Resp:	31711
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.0
130	62.1	51.4	77.2





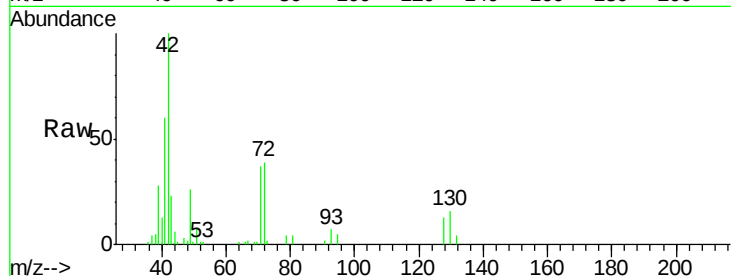
#29
Tetrahydrofuran
Concen: 105.855 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0504WBS01

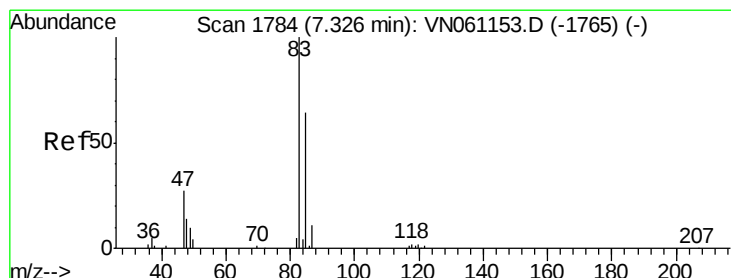
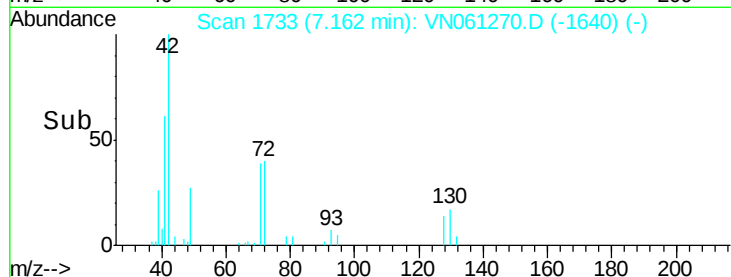
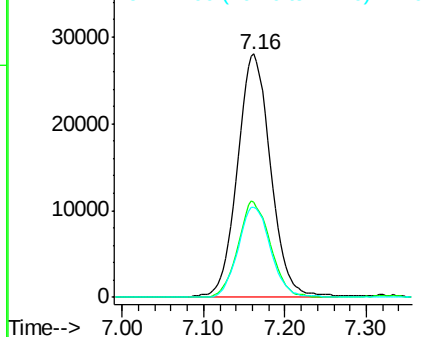
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.2	31.4	47.0
71	36.2	29.5	44.3

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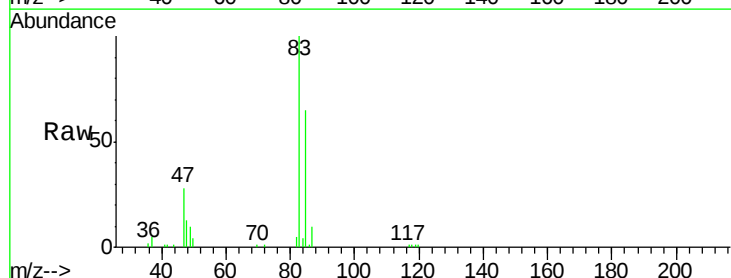


Abundance Ion 42.00 (41.70 to 42.70): VN061153.D (-1705) (-)

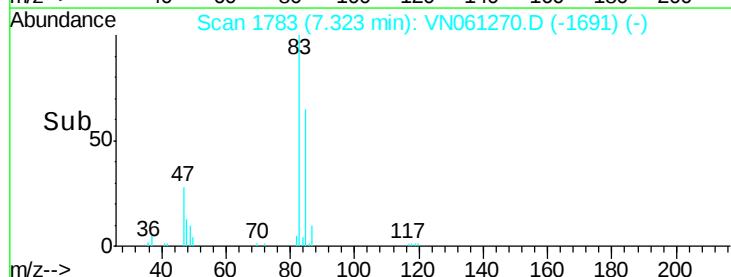
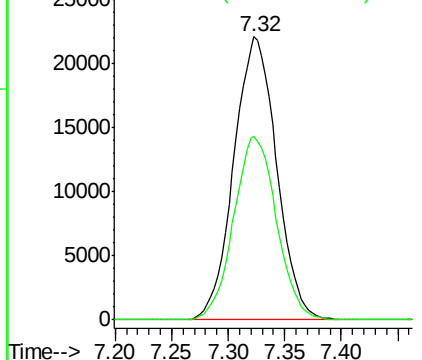


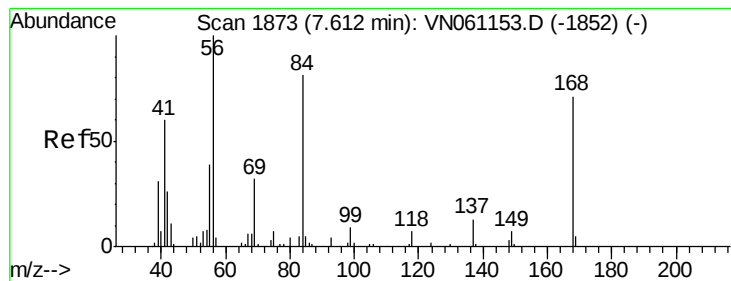
#30
Chloroform
Concen: 20.425 ug/l
RT: 7.32 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.1	76.7



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-1765) (-)





#31

Cyclohexane

Concen: 19.308 ug/l

RT: 7.61 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

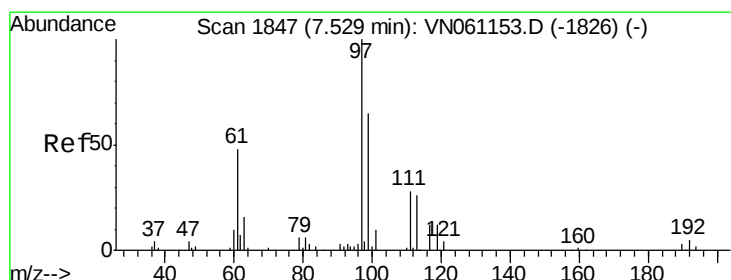
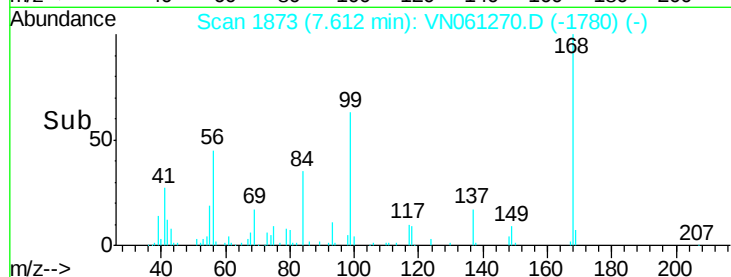
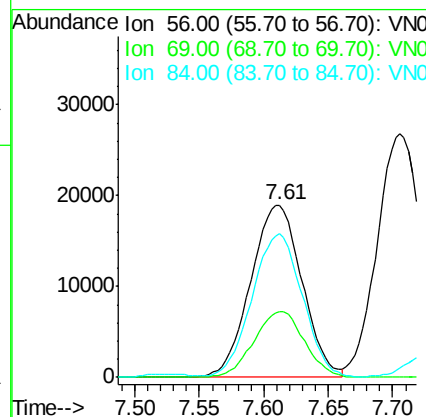
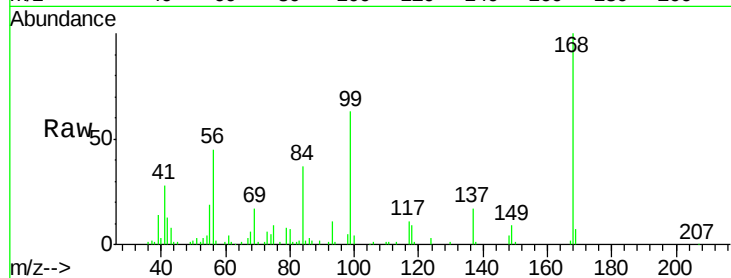
ClientSampled :

VN0504WBS01

Tot Ion:	56	Resp:	52658
Ion Ratio	Lower	Upper	
56	100		
69	38.3	25.7	38.5
84	82.1	64.6	97.0

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#32

1,1,1-Trichloroethane

Concen: 20.215 ug/l

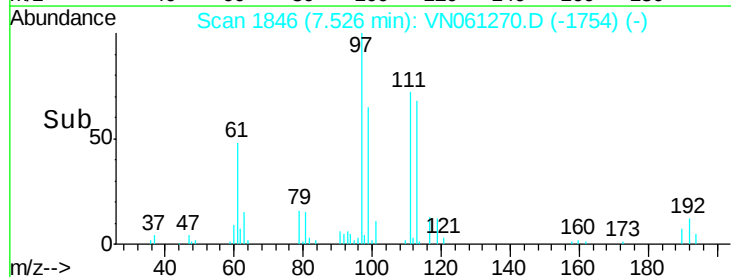
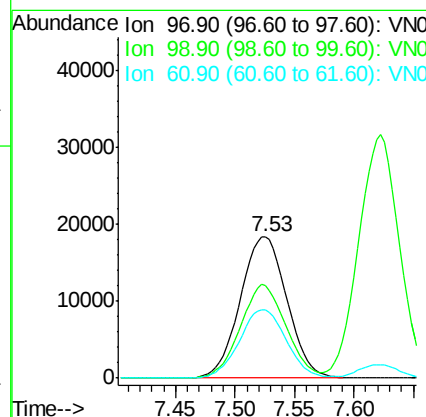
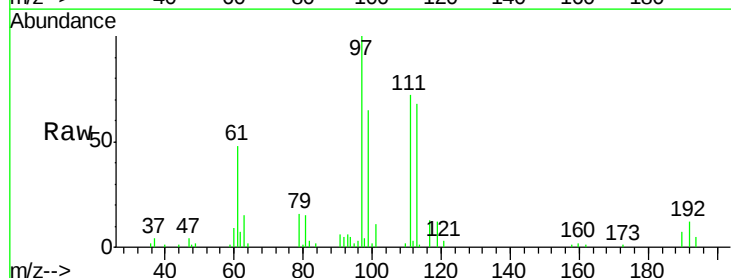
RT: 7.53 min Scan# 1846

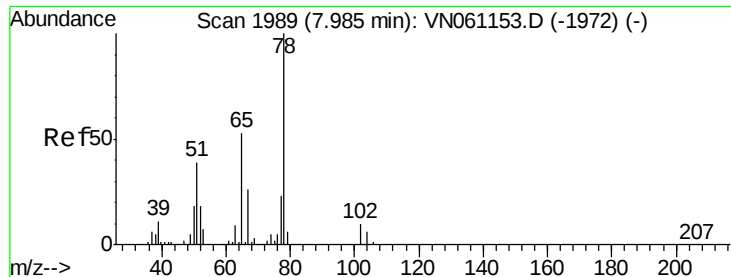
Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Tgt Ion:	97	Resp:	50096
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.3	76.9
61	48.7	38.6	57.8





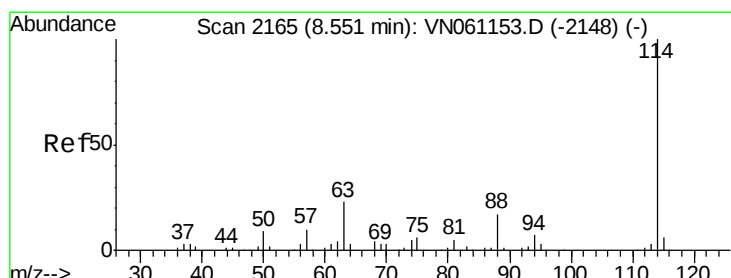
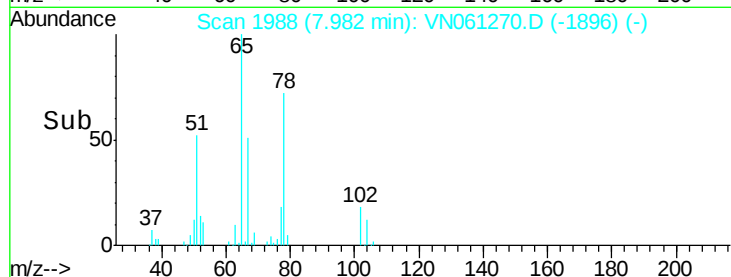
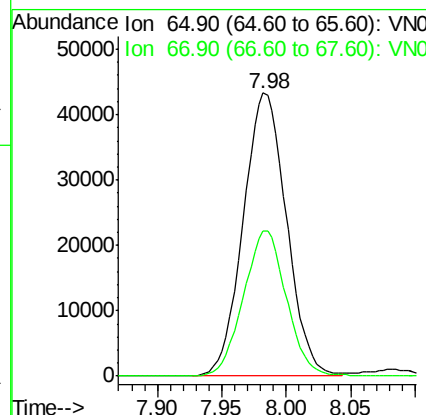
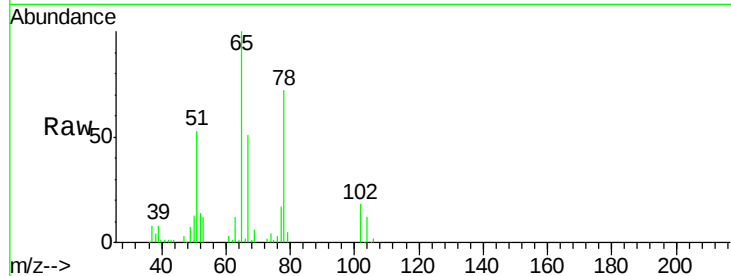
#33
 1,2-Dichloroethane-d4
 Concen: 54.055 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.6	0.0	101.6	

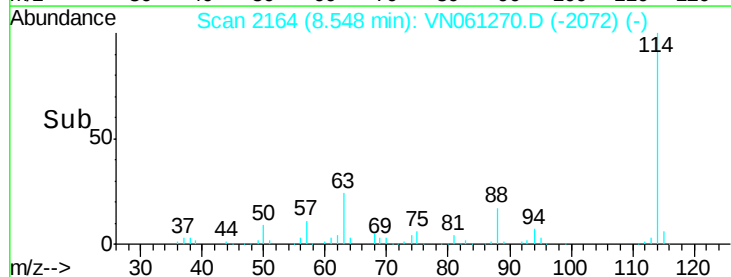
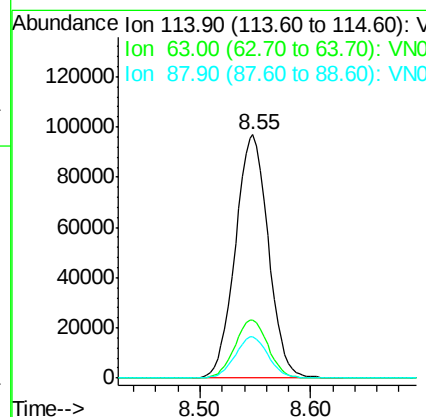
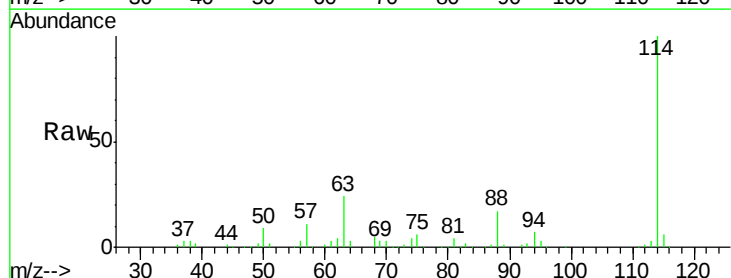
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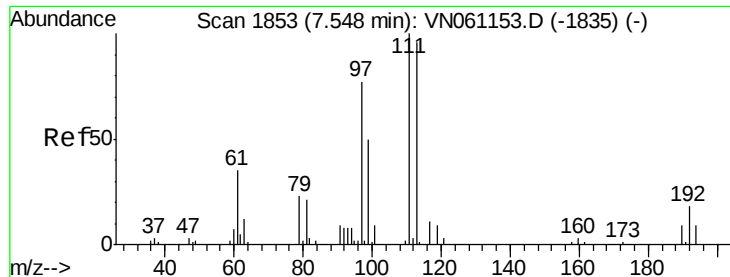
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	24.0	0.0	46.6	
88	16.9	0.0	33.4	





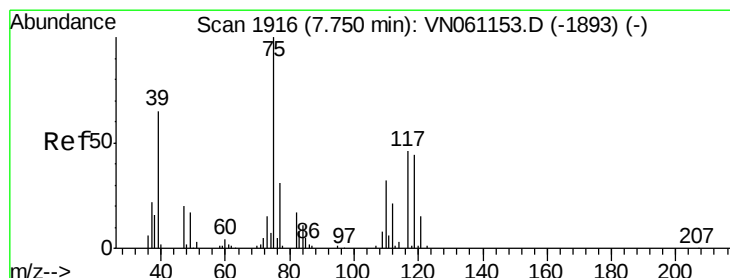
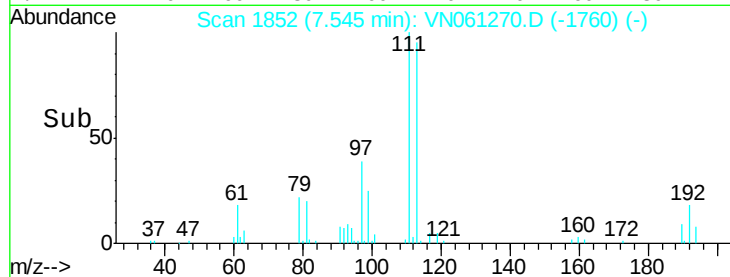
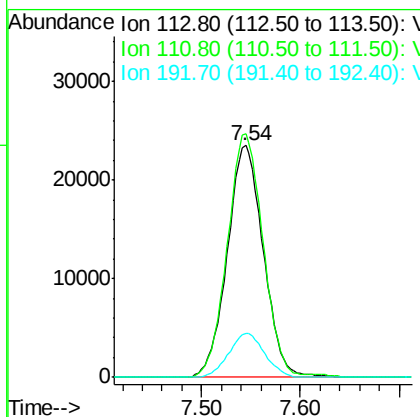
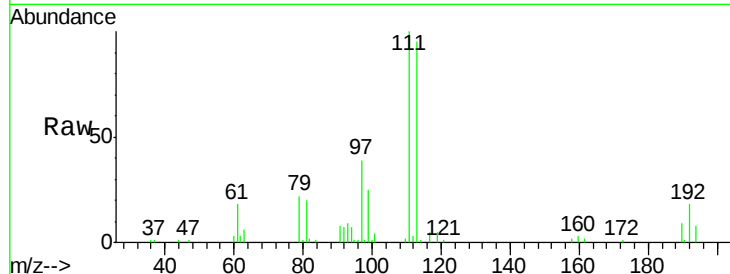
#35
 Dibromofluoromethane
 Concen: 50.338 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.1	82.9	124.3	
192	18.8	14.7	22.1	

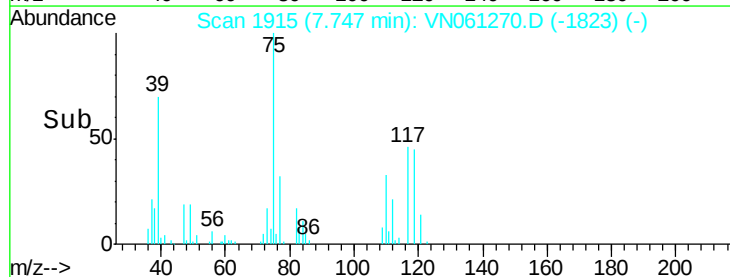
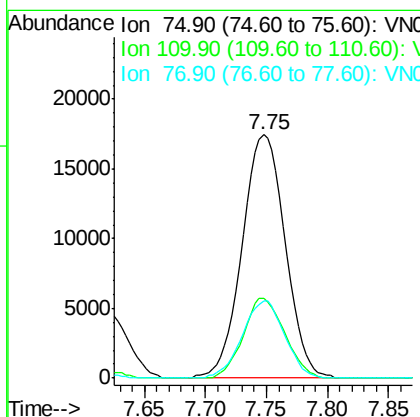
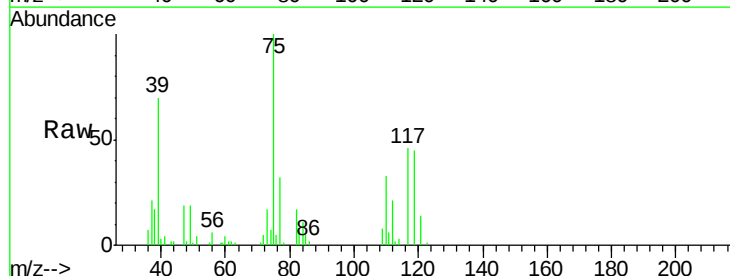
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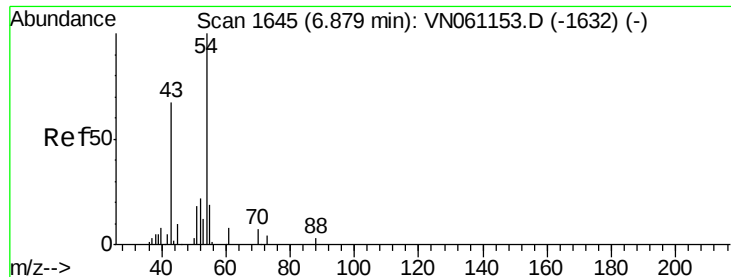
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#36
 1,1-Dichloropropene
 Concen: 21.207 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	31.4	16.0	48.0	
77	31.2	24.6	37.0	





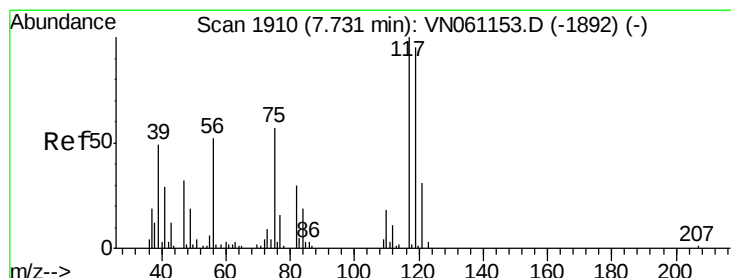
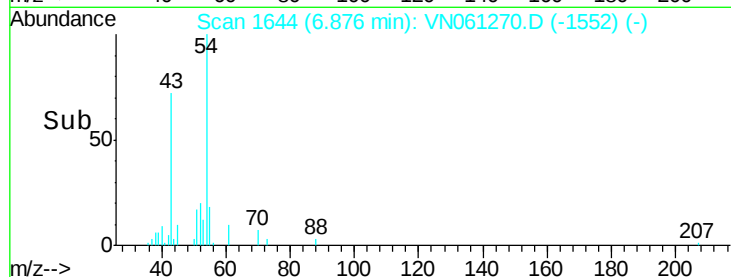
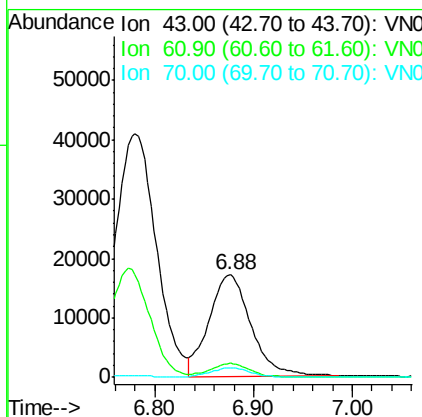
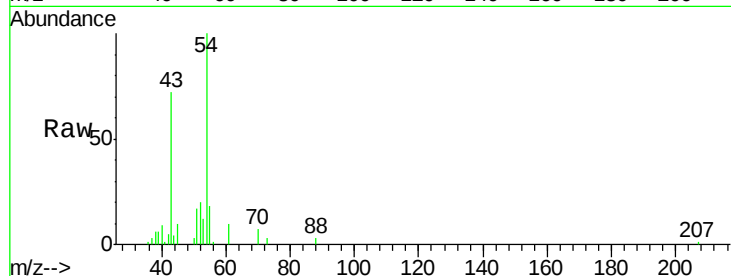
#37
Ethyl Acetate
Concen: 21.471 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0504WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.2	15.2
70	8.9	7.2	10.8

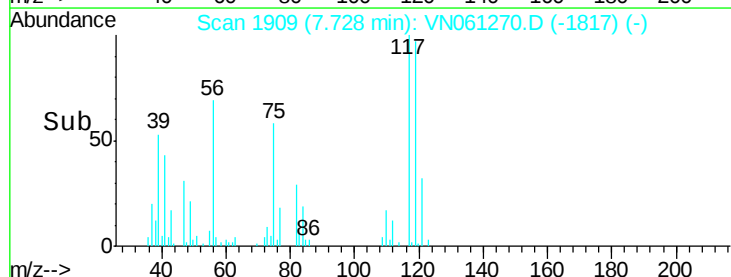
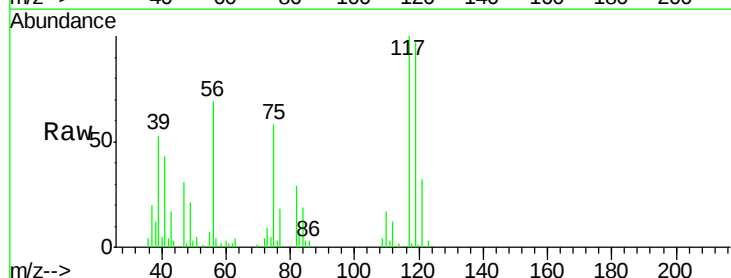
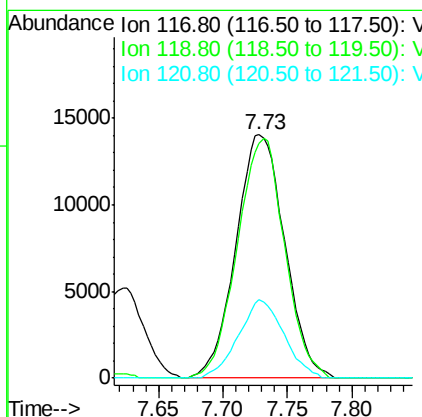
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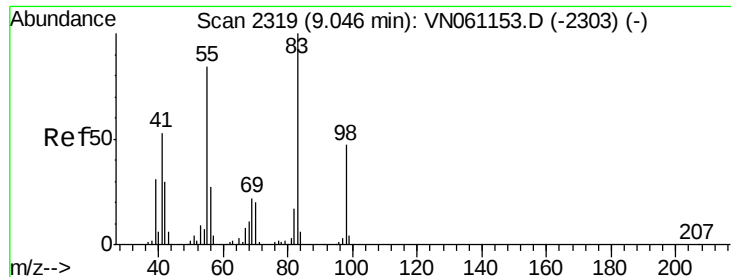
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#38
Carbon Tetrachloride
Concen: 21.550 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.8	113.6
121	32.1	24.7	37.1





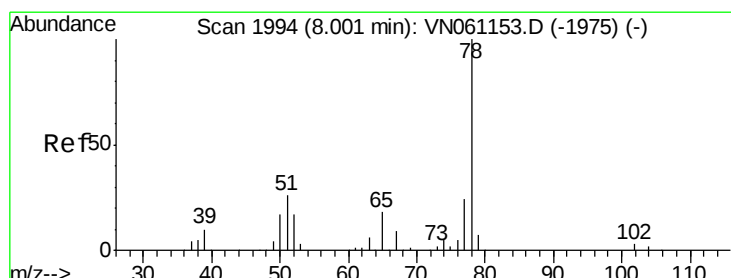
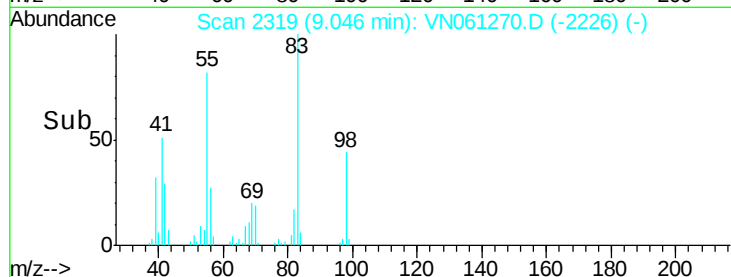
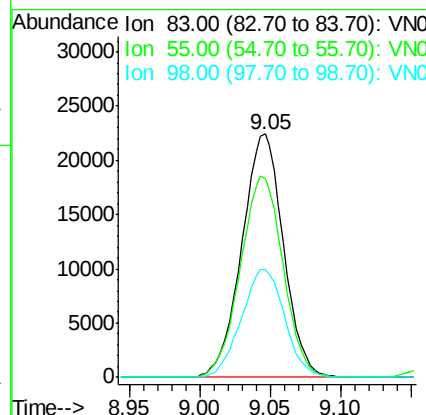
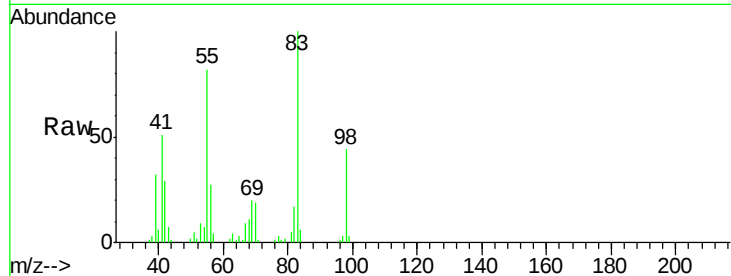
#39
Methvlcvclohexane
Concen: 20.524 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.5	67.3	100.9
98	44.4	37.7	56.5

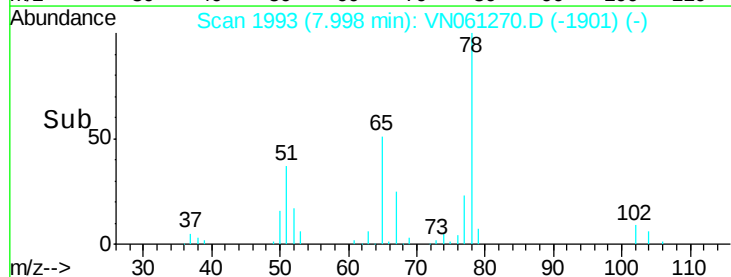
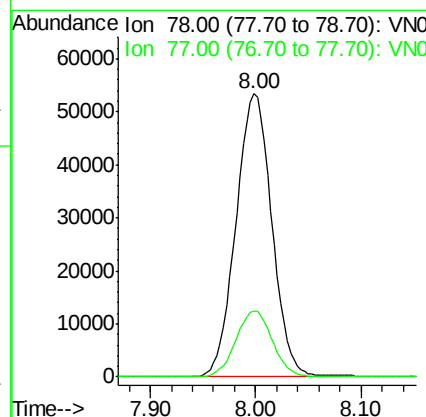
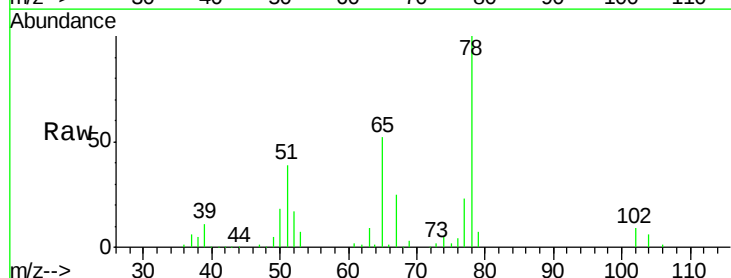
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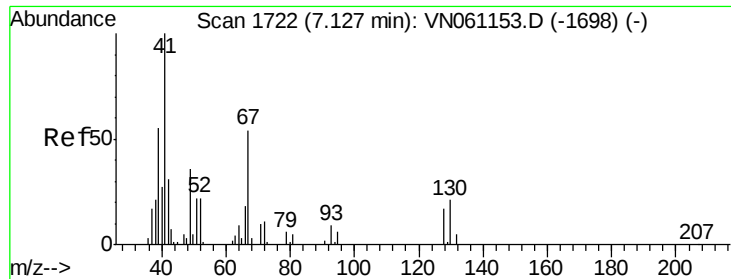
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#40
Benzene
Concen: 21.087 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





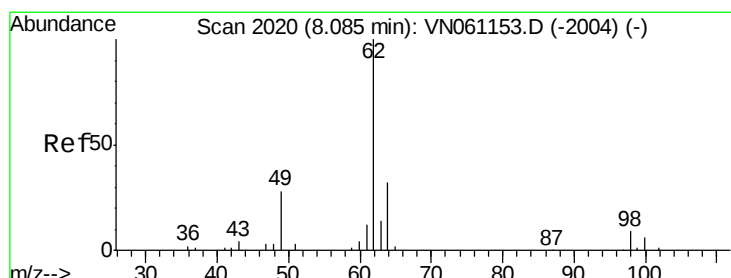
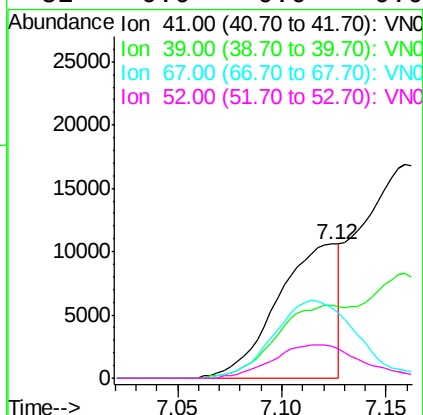
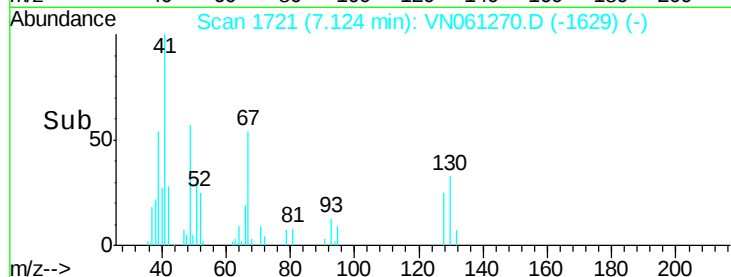
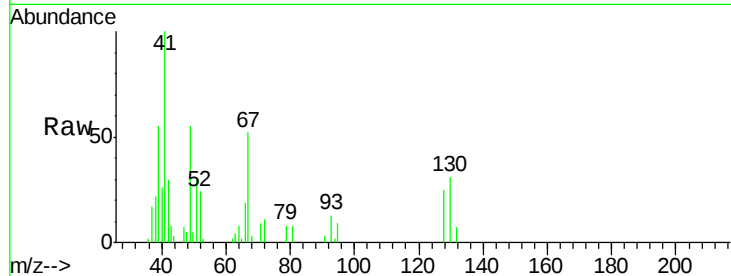
#41
Methacrylonitrile
Concen: 22.005 ug/l m
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0504WBS01

Tot Ion	41	Resp:	21537
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

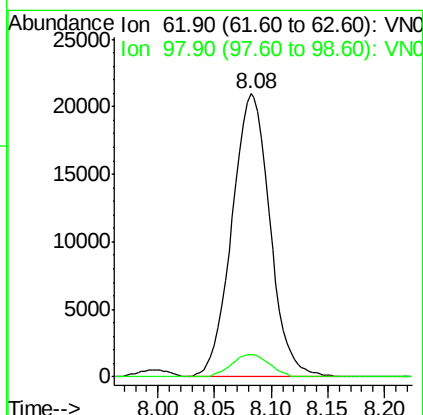
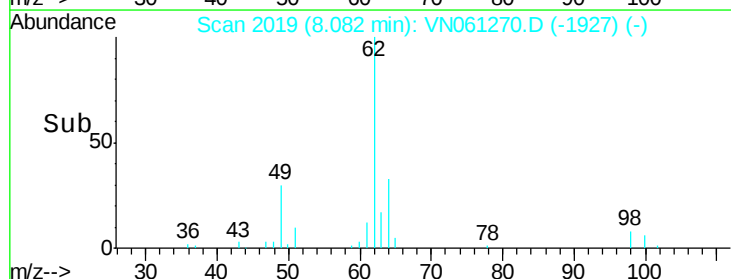
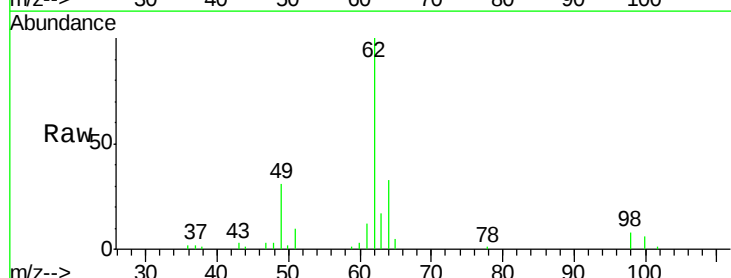
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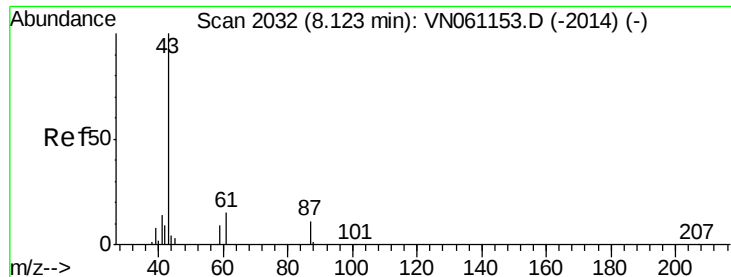
MMDadoda
5/5/2020 11:36:11 AM



#42
1,2-Dichloroethane
Concen: 21.547 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion	62	Resp:	48898
Ion Ratio	Lower	Upper	
62	100		
98	7.8	0.0	16.8





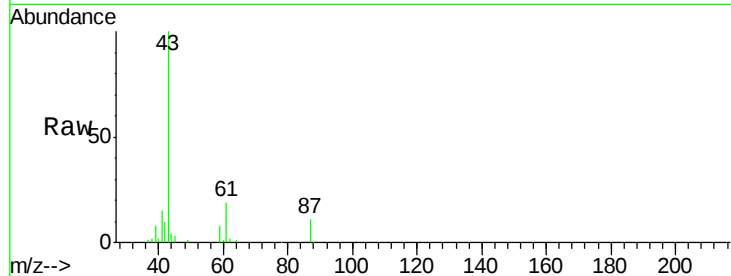
#43
Isopropyl Acetate
Concen: 20.936 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0504WBS01

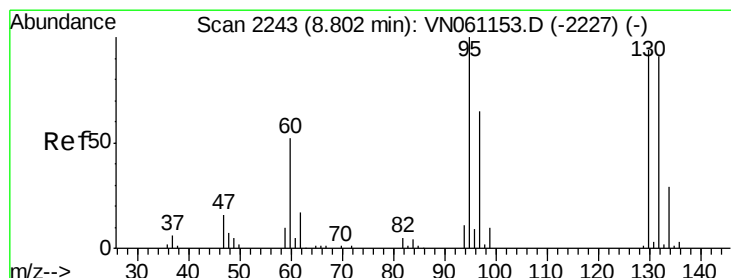
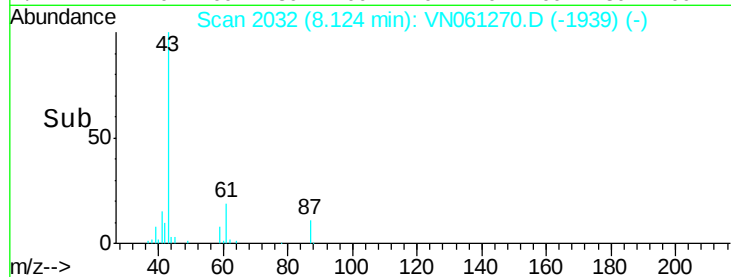
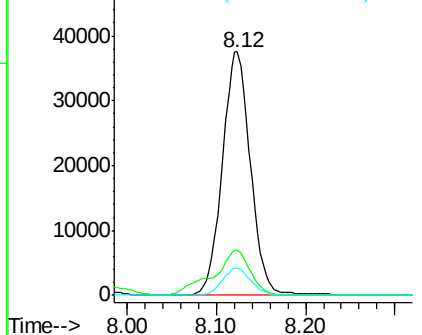
Tot Ion	Ratio	Lower	Upper
43	100		
61	24.4	19.5	29.3
87	11.1	8.9	13.3

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MMDadoda
5/5/2020 11:36:11 AM

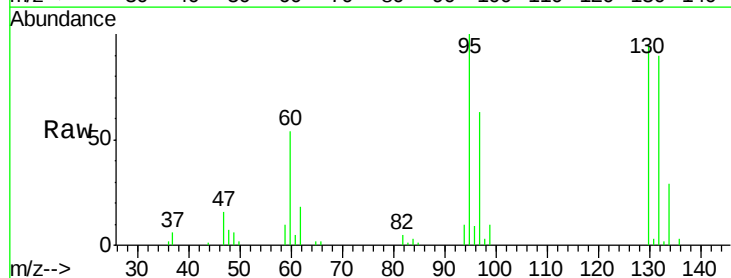


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)
Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)
Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)

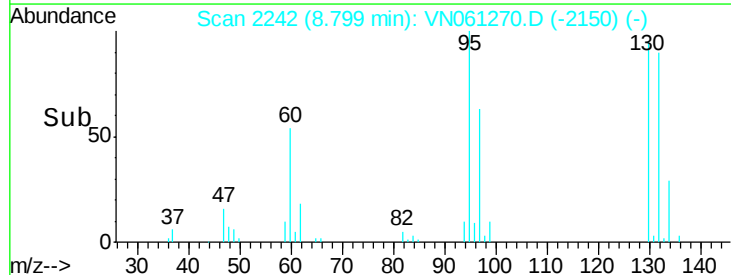
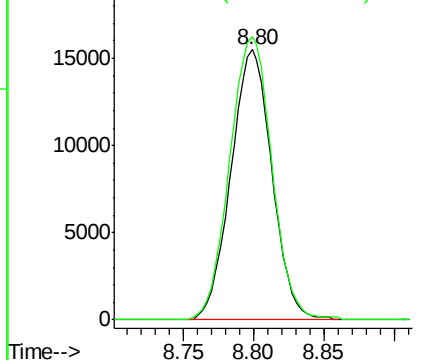


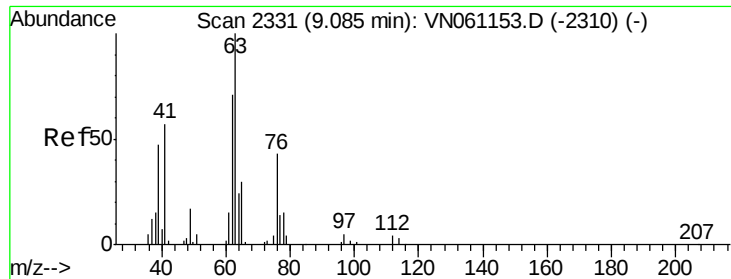
#44
Trichloroethene
Concen: 19.483 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)
Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





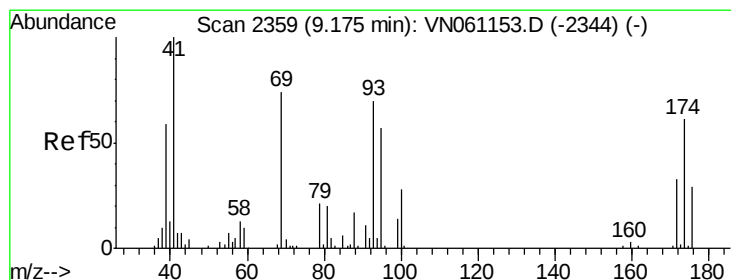
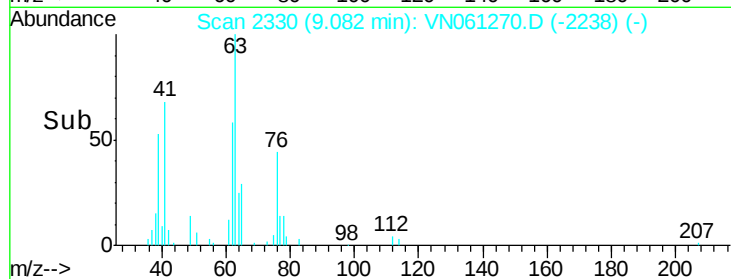
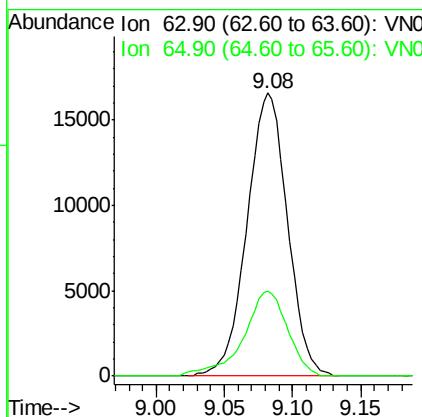
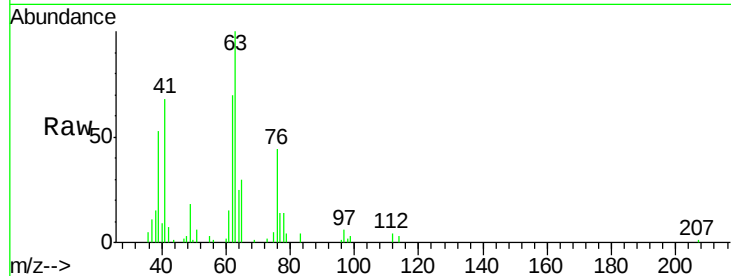
#45
 1,2-Dichloropropane
 Concen: 21.314 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.7	37.1

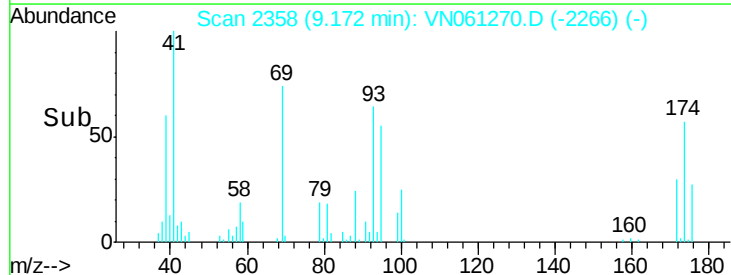
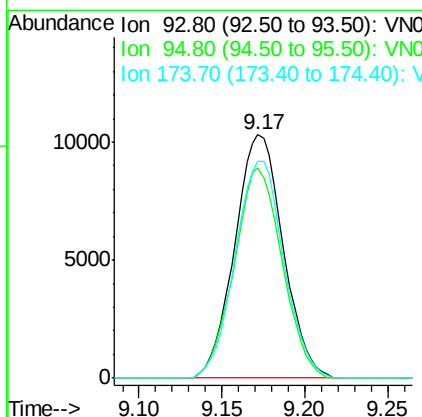
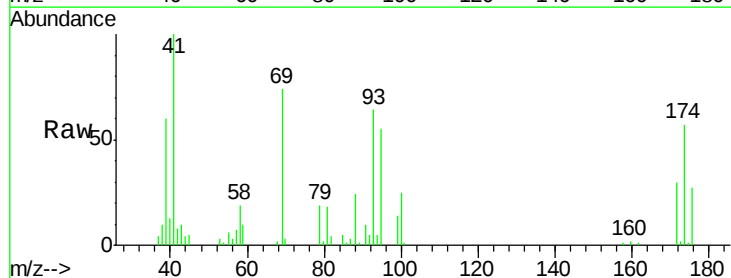
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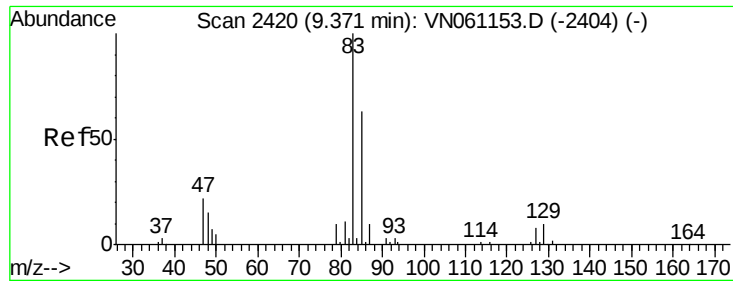
MMDadoda
 5/5/2020 11:36:11 AM



#46
 Dibromomethane
 Concen: 21.080 ug/l
 RT: 9.17 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.3	66.6	99.8
174	89.8	70.2	105.2





#47

Bromodichloromethane

Concen: 21.270 ug/l

RT: 9.36 min Scan# 2418

Delta R.T. -0.01 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

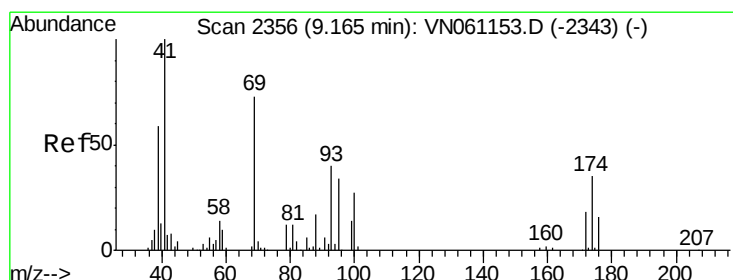
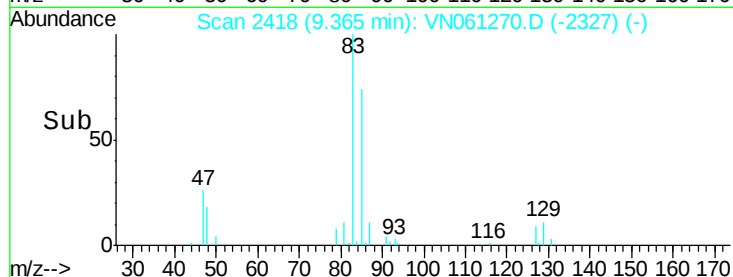
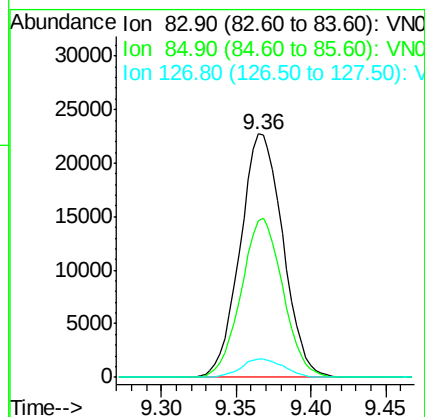
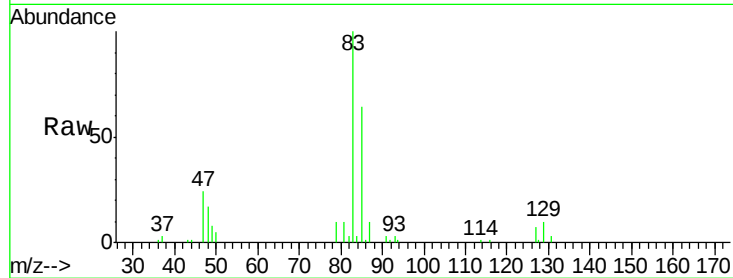
ClientSampled :

VN0504WBS01

Tot Ion:	83	Resp:	45239
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.4	75.6
127	7.5	6.2	9.2

Manual Integrations
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MMDadoda
5/5/2020 11:36:11 AM



#48

Methyl methacrylate

Concen: 20.623 ug/l

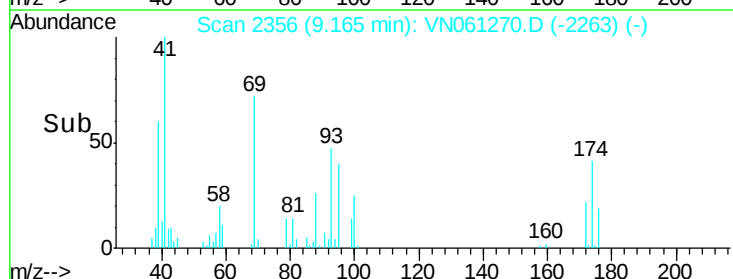
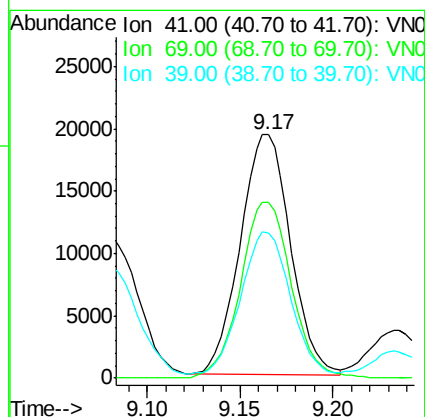
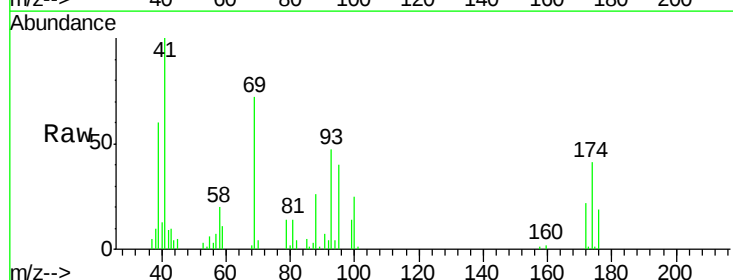
RT: 9.17 min Scan# 2356

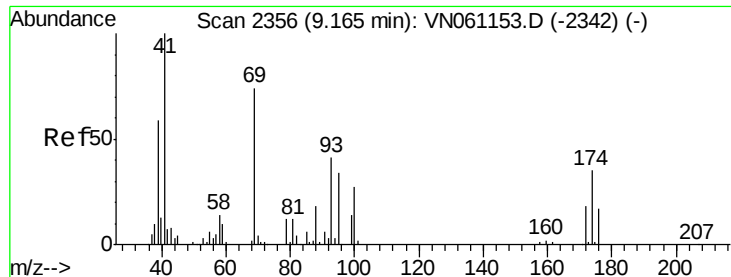
Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Tgt Ion:	41	Resp:	36407
Ion	Ratio	Lower	Upper
41	100		
69	74.1	60.3	90.5
39	62.0	47.4	71.0





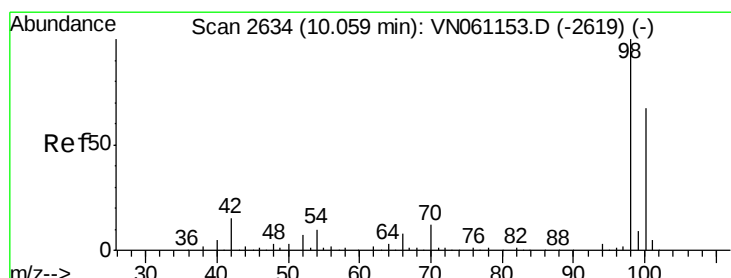
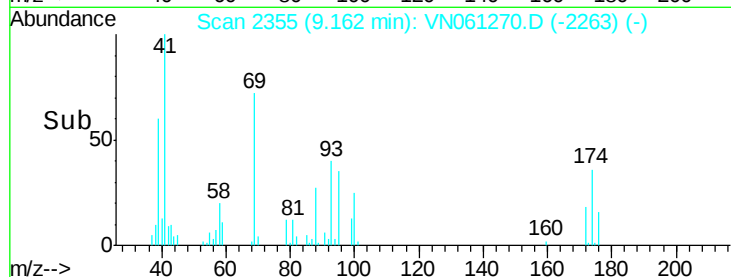
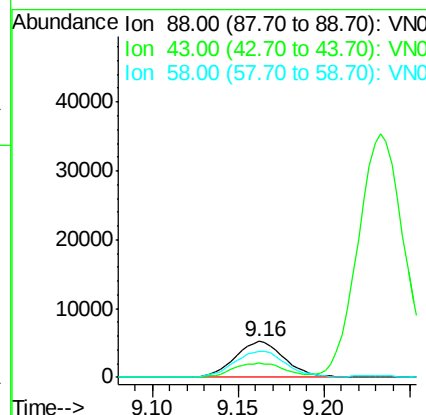
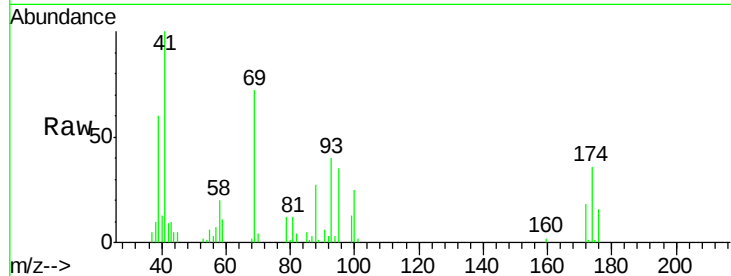
#49
1,4-Dioxane
Concen: 517.743 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	41.4	35.3	52.9	
58	75.9	61.5	92.3	

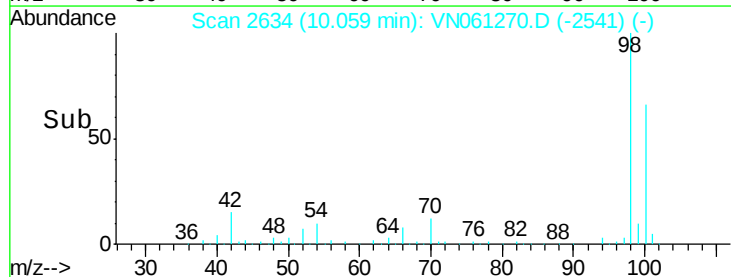
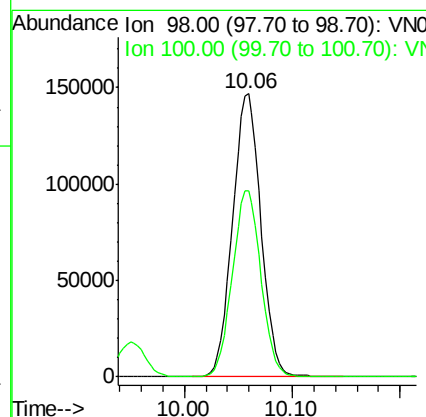
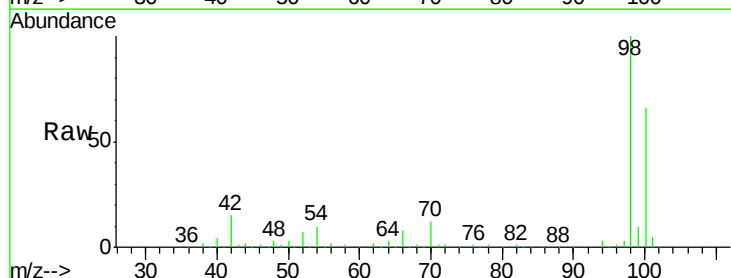
Manual Integrations
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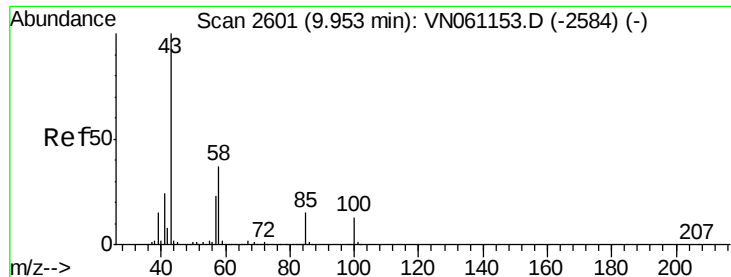
MMDadoda
5/5/2020 11:36:11 AM



#50
Toluene-d8
Concen: 55.672 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.3	53.4	80.0	





#51

4-Methyl-2-Pentanone

Concen: 108.743 ug/l

RT: 9.95 min Scan# 2600

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0504WBS01

Tot Ion: 43 Resp: 250406

Ion Ratio Lower Upper

43 100

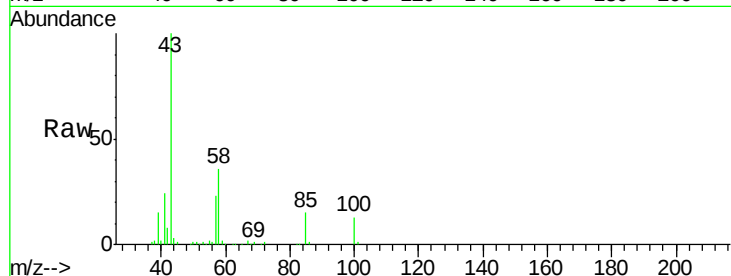
58 36.1 29.1 43.7

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Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

150000

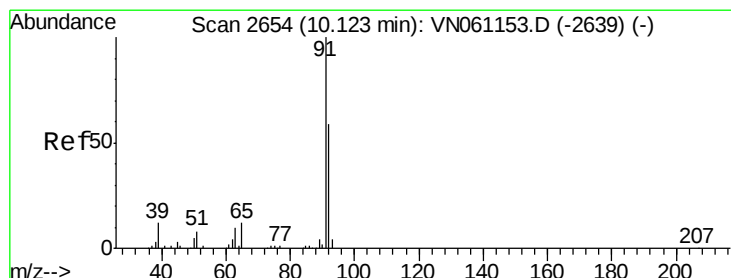
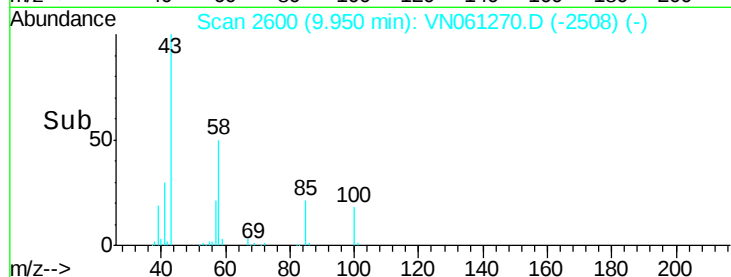
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 21.205 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061270.D

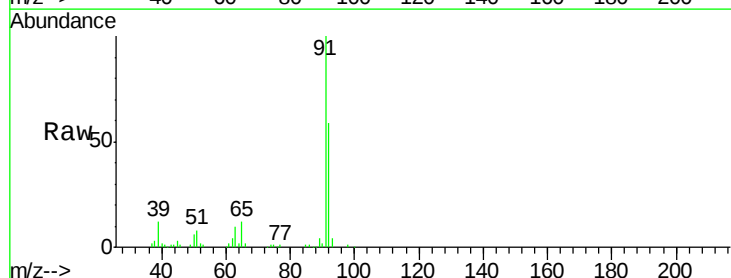
Acq: 4 May 2020 12:00

Tgt Ion: 92 Resp: 76511

Ion Ratio Lower Upper

92 100

91 170.6 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VN061153.D (-2639) (-)

Ion 91.00 (90.70 to 91.70): VN061153.D (-2639) (-)

80000

60000

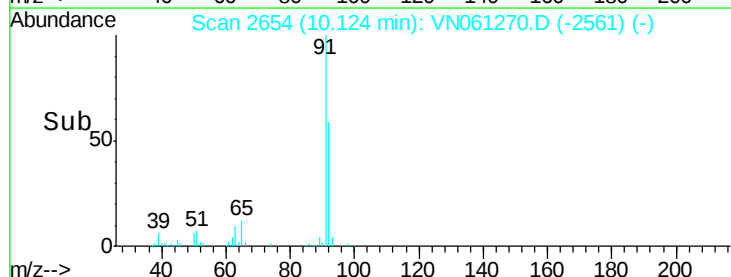
40000

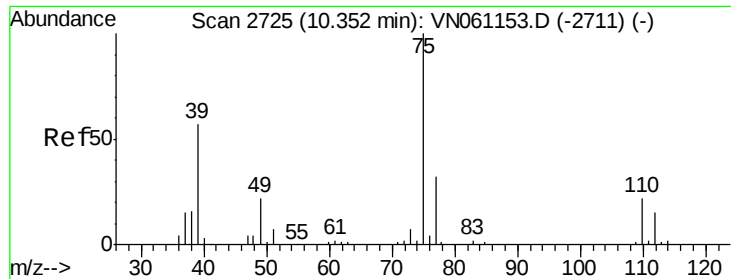
20000

0

10.05 10.10 10.12 10.15 10.20

Time-->





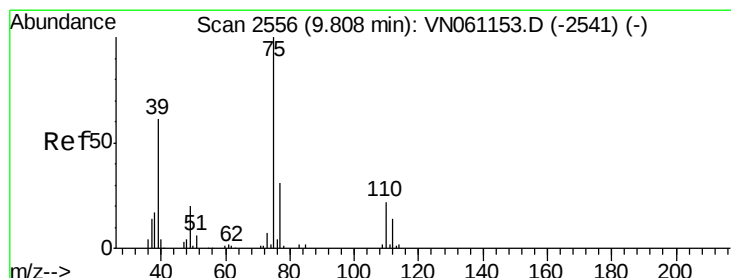
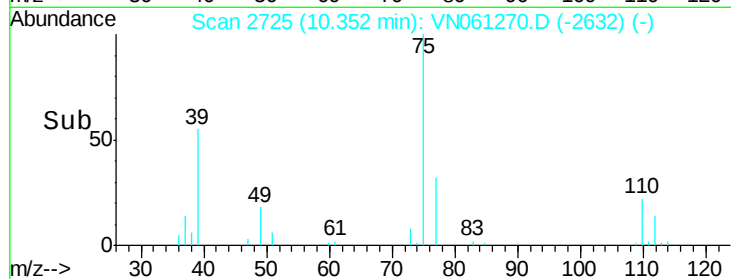
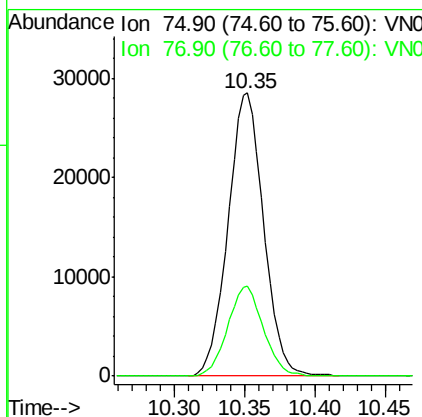
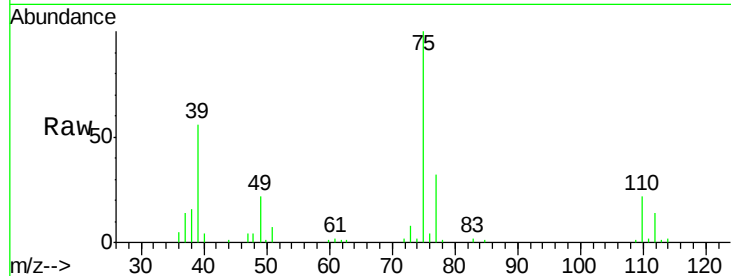
#53
t-1,3-Dichloropropene
Concen: 20.973 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.5	38.3

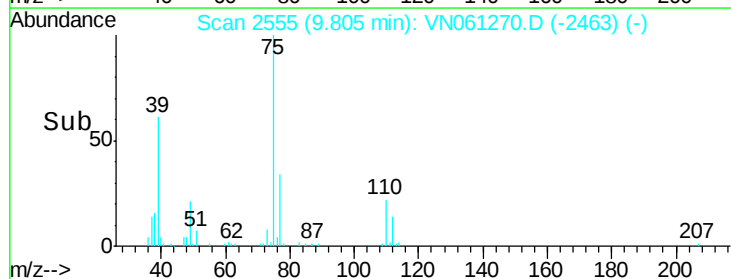
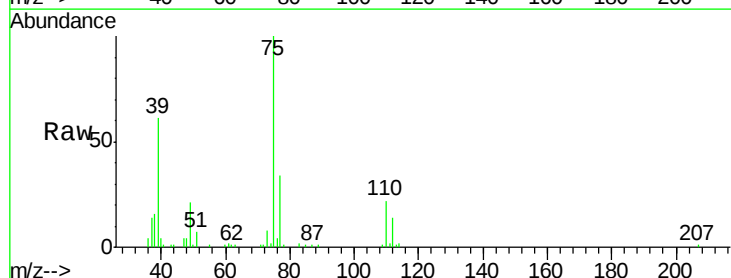
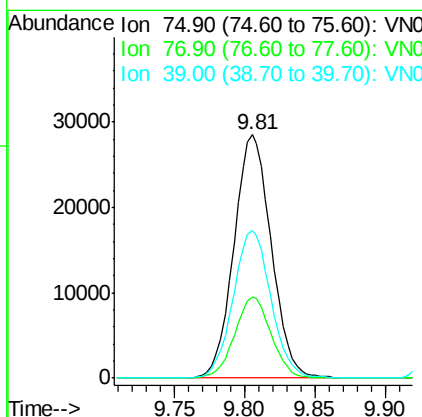
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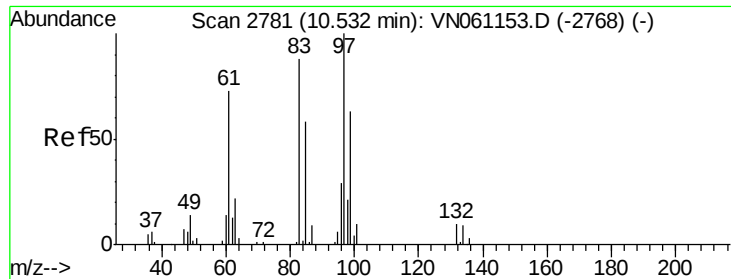
MMDadoda
5/5/2020 11:36:11 AM



#54
cis-1,3-Dichloropropene
Concen: 20.851 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.0	37.4
39	60.7	48.7	73.1





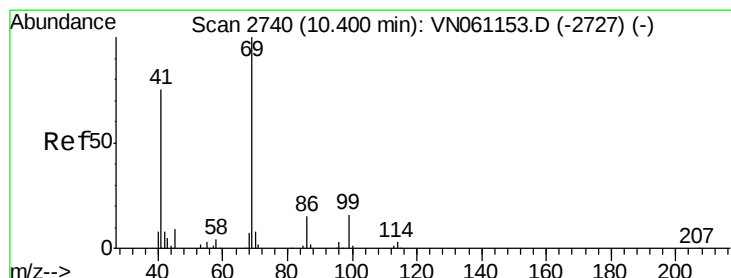
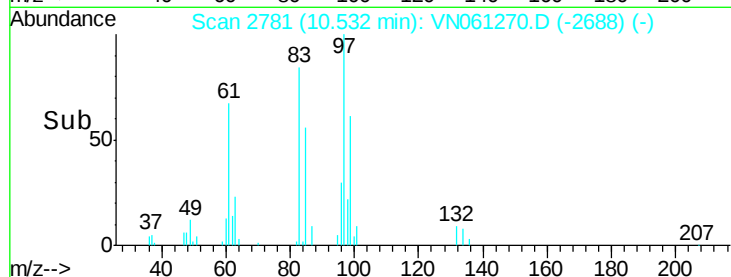
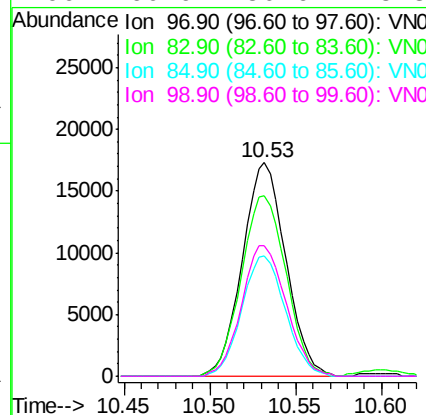
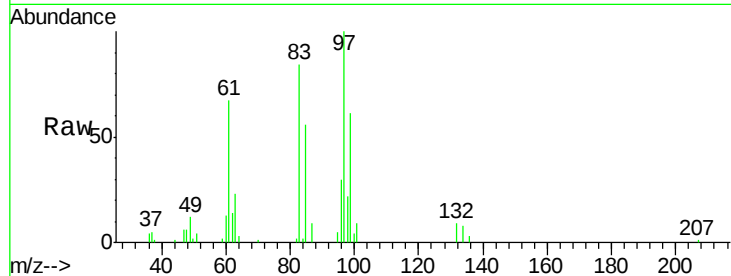
#55
 1,1,2-Trichloroethane
 Concen: 21.046 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0504WBS01

Tot Ion:	97	Resp:	30290
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.6	106.0
85	56.1	46.4	69.6
99	60.9	50.6	75.8

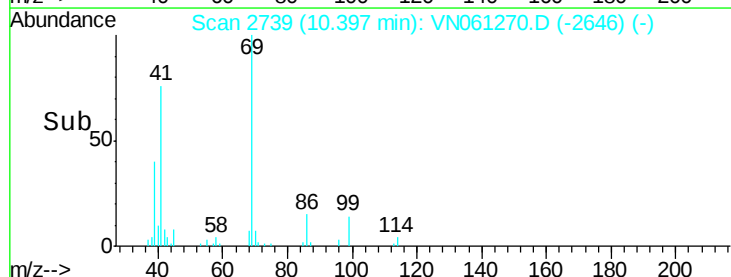
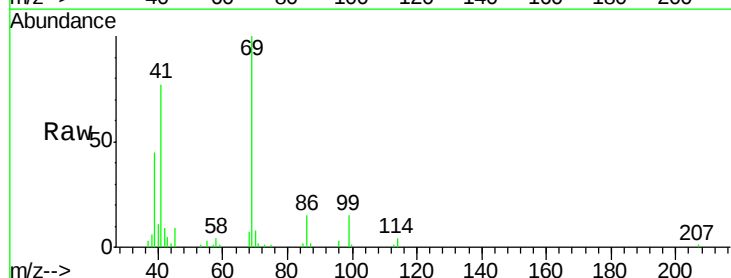
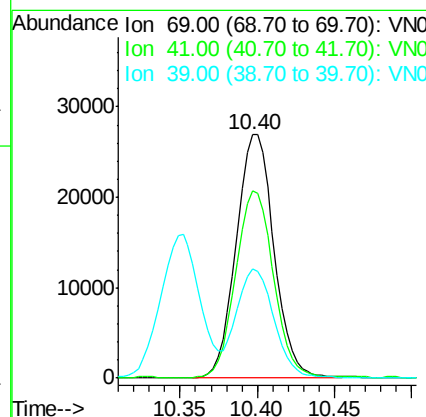
Manual Integrations
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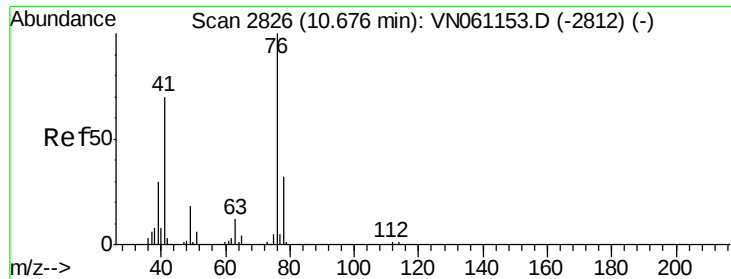
MMDadoda
 5/5/2020 11:36:11 AM



#56
 Ethyl methacrylate
 Concen: 20.009 ug/l
 RT: 10.40 min Scan# 2739
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion:	69	Resp:	45843
Ion	Ratio	Lower	Upper
69	100		
41	77.5	60.3	90.5
39	45.5	35.9	53.9





#57

1,3-Dichloropropane

Concen: 21.223 ug/l

RT: 10.68 min Scan# 2826

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0504WBS01

Tot Ion: 76 Resp: 53691

Ion Ratio Lower Upper

76 100

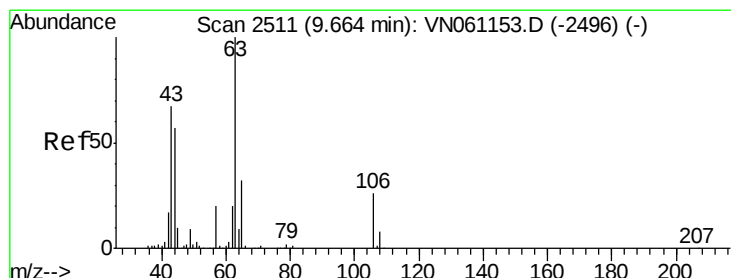
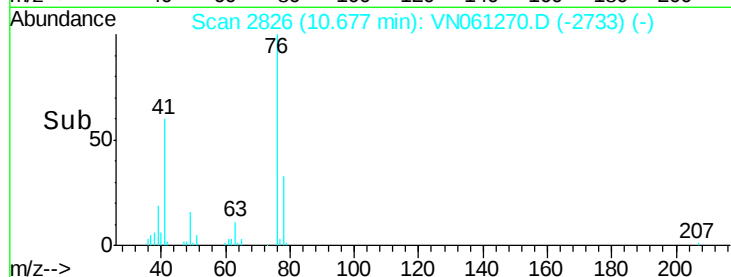
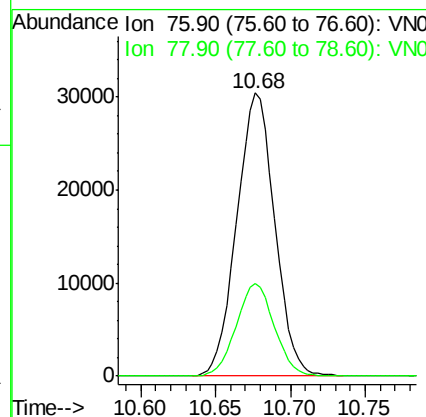
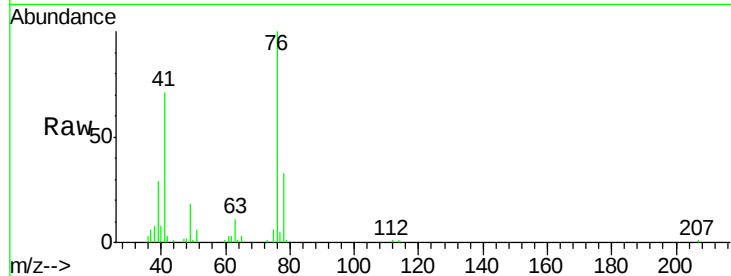
78 32.7 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 96.882 ug/l

RT: 9.66 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VN061270.D

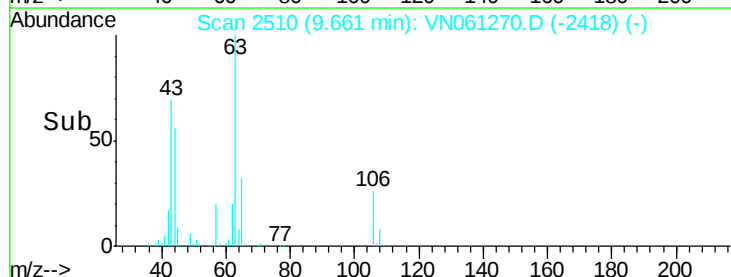
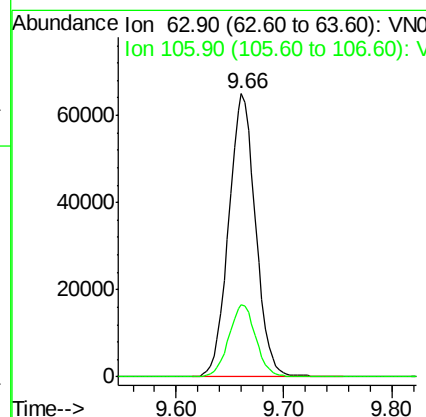
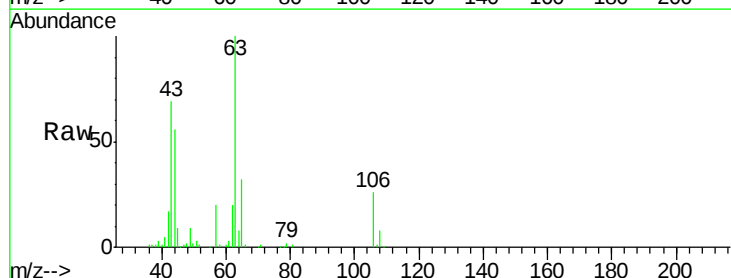
Acq: 4 May 2020 12:00

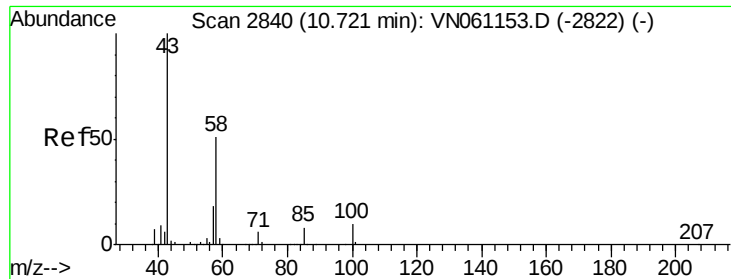
Tgt Ion: 63 Resp: 112865

Ion Ratio Lower Upper

63 100

106 25.5 20.6 30.8





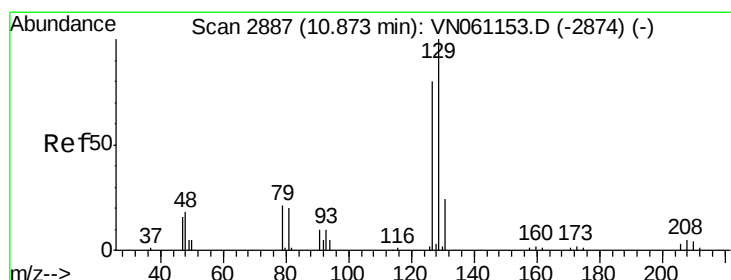
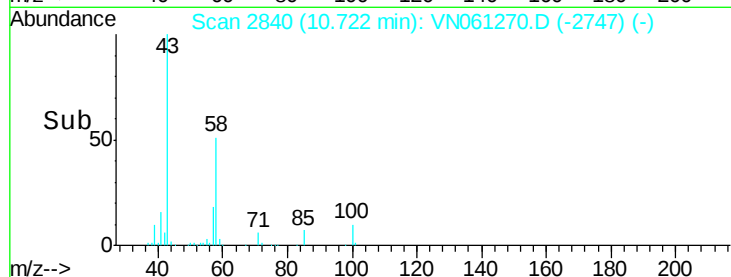
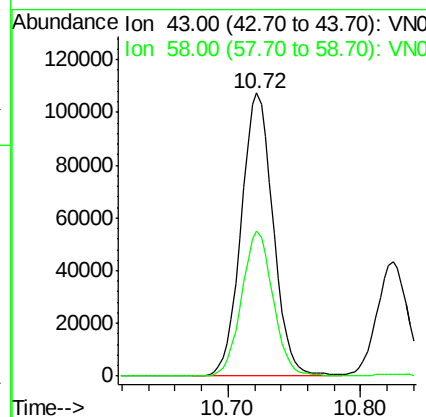
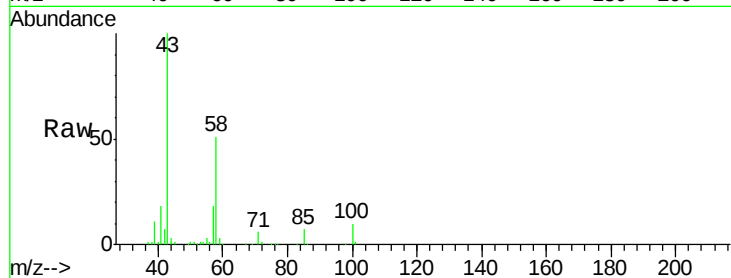
#59
2-Hexanone
Concen: 107.321 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0504WBS01

Tot Ion: 43 Resp: 179794
Ion Ratio Lower Upper
43 100
58 50.4 25.4 76.4

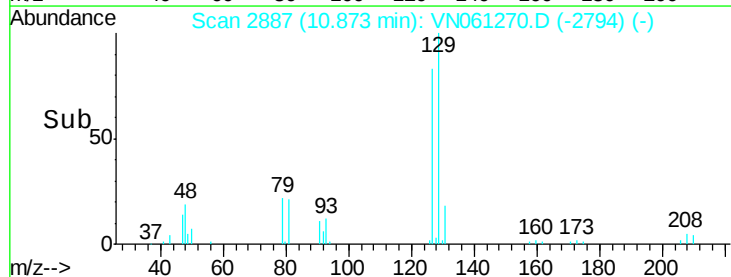
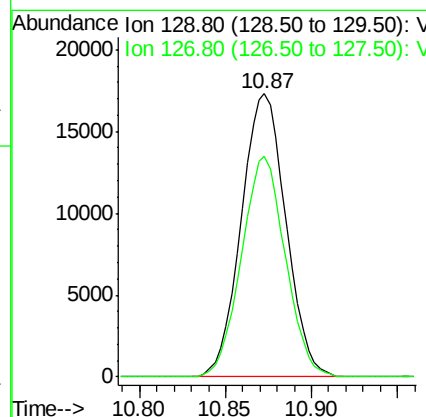
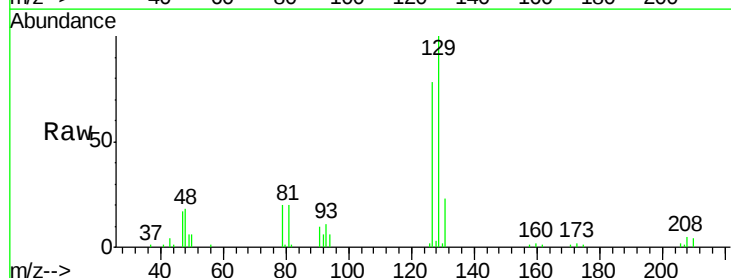
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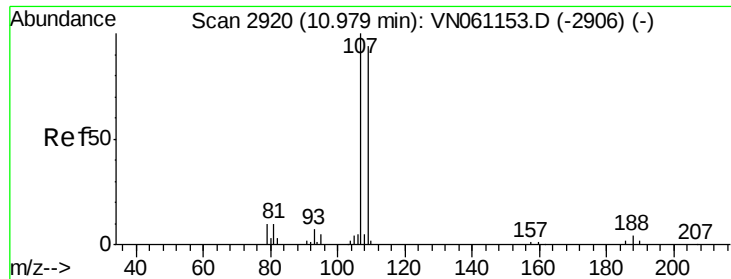
MMDadoda
5/5/2020 11:36:11 AM



#60
Dibromochloromethane
Concen: 20.696 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion: 129 Resp: 31197
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.8





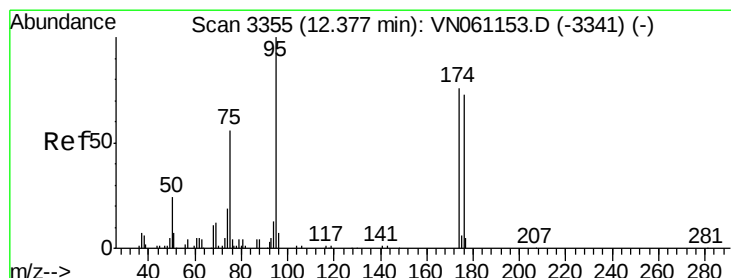
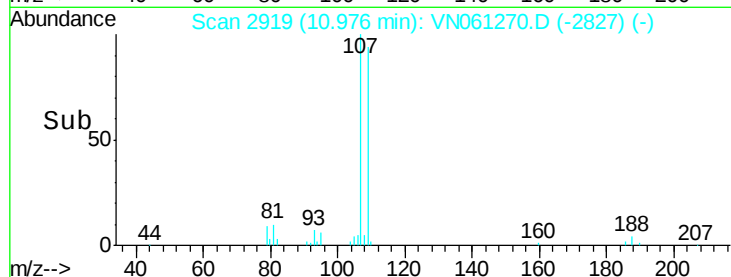
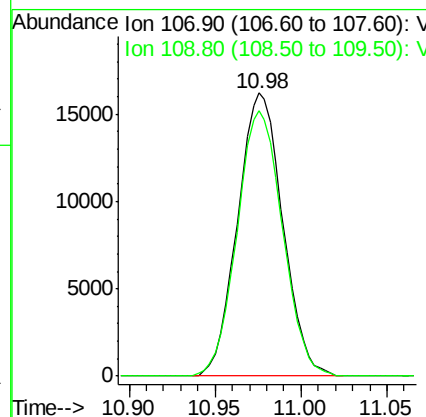
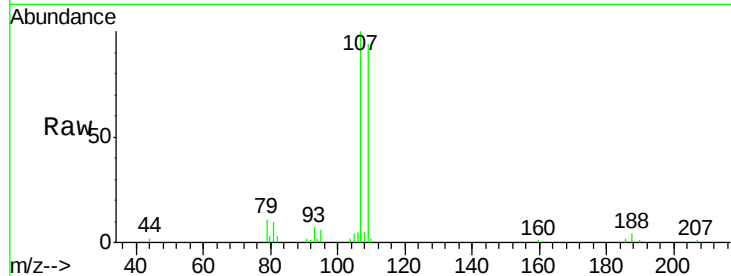
#61
 1,2-Dibromoethane
 Concen: 20.441 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	74.8	112.2

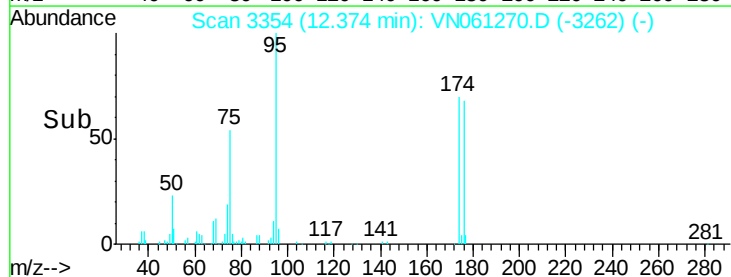
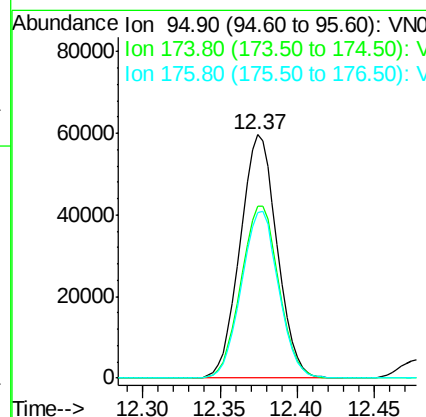
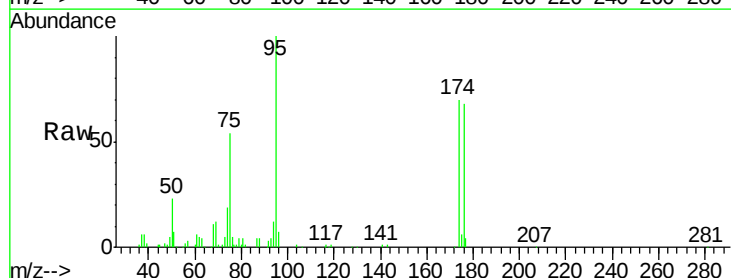
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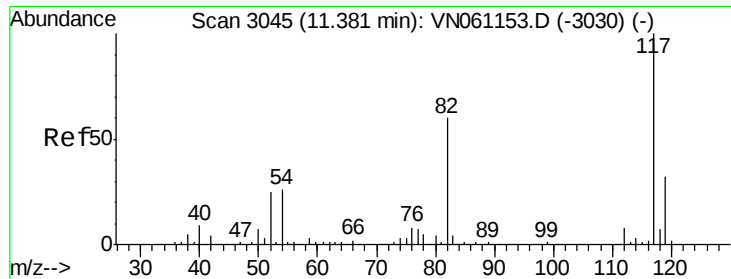
MMDadoda
 5/5/2020 11:36:11 AM



#62
 4-Bromofluorobenzene
 Concen: 54.319 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	149.4
176	69.1	0.0	144.8





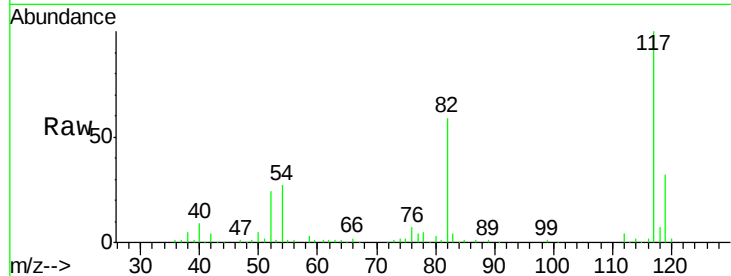
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0504WBS01

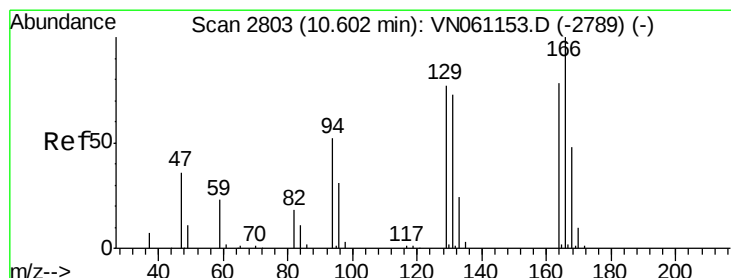
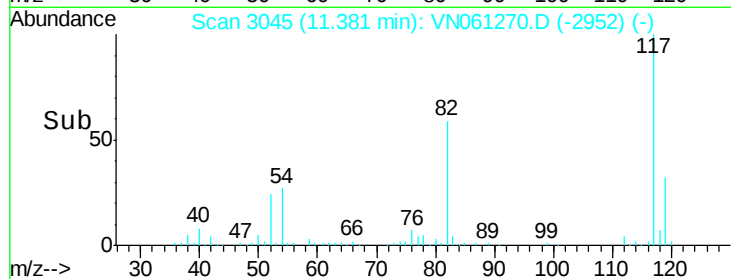
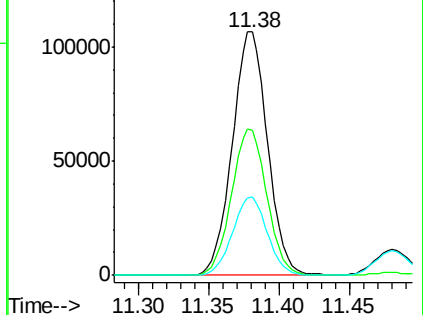
Tot Ion	Ratio	Resp	Lower	Upper
117	100	186630		
82	59.4	47.8	71.8	
119	32.1	25.8	38.6	

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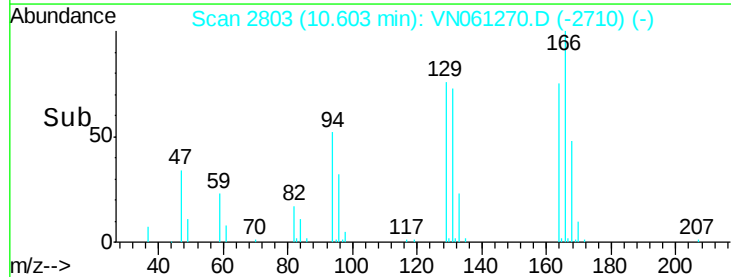
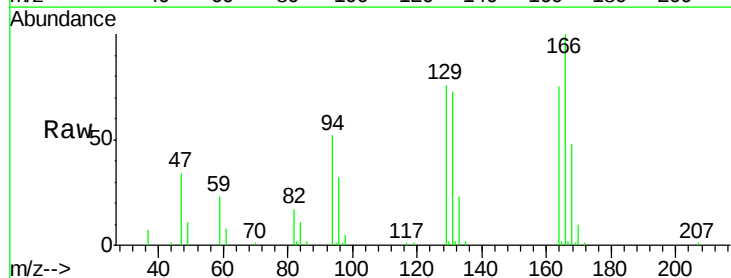
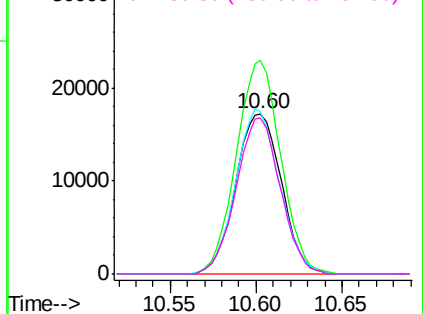
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

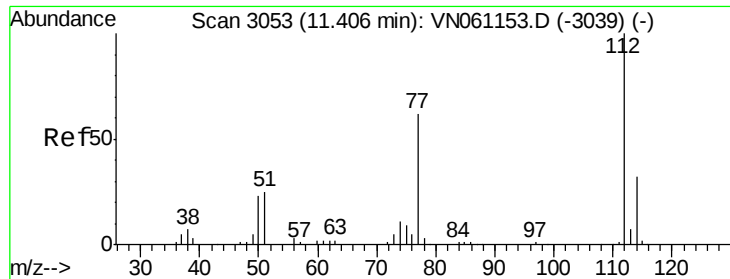


#64
Tetrachloroethene
Concen: 19.699 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	31842		
166	133.0	102.0	153.0	
129	101.2	78.2	117.2	
131	97.2	74.5	111.7	

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





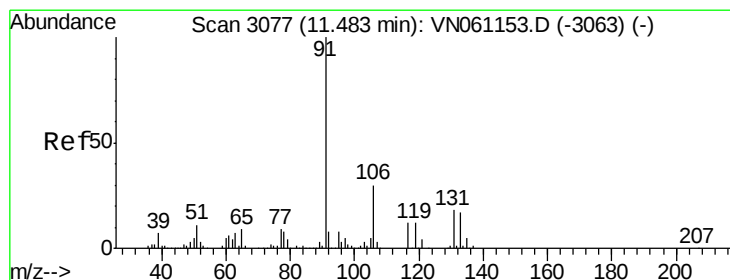
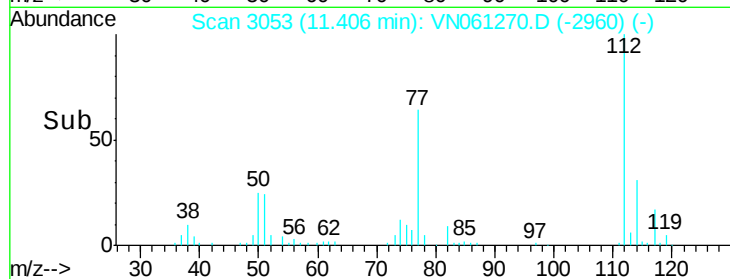
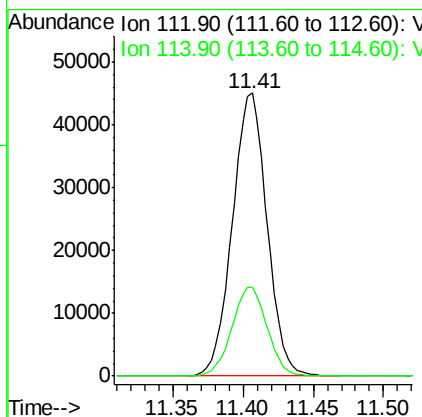
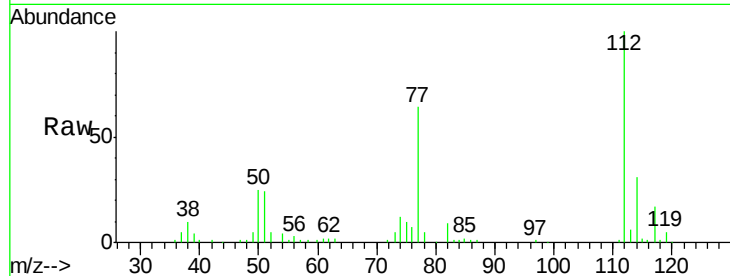
#65
Chlorobenzene
Concen: 20.940 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0504WBS01

Tot Ion:112 Resp: 77522
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

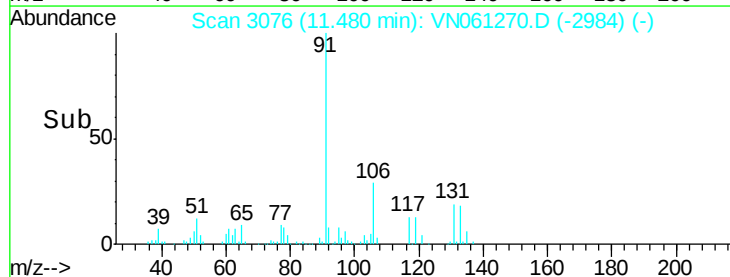
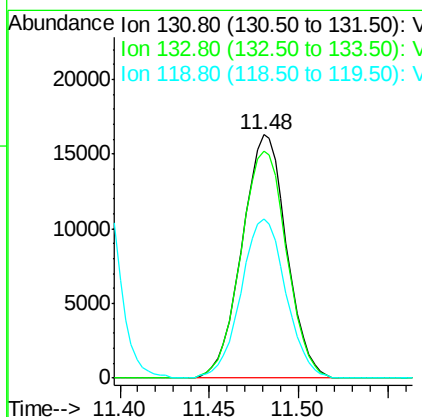
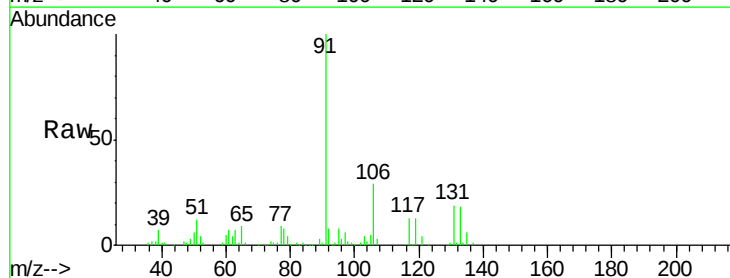
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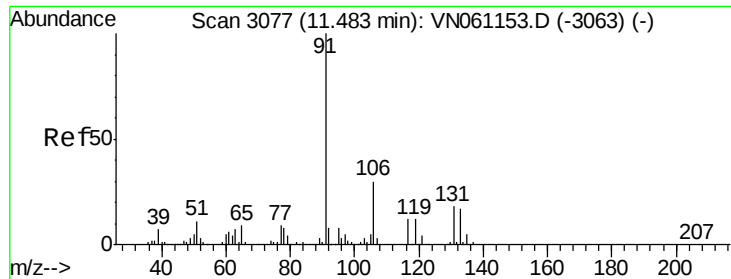
MMDadoda
5/5/2020 11:36:11 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.399 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion:131 Resp: 28354
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.2
119 65.8 32.6 97.8





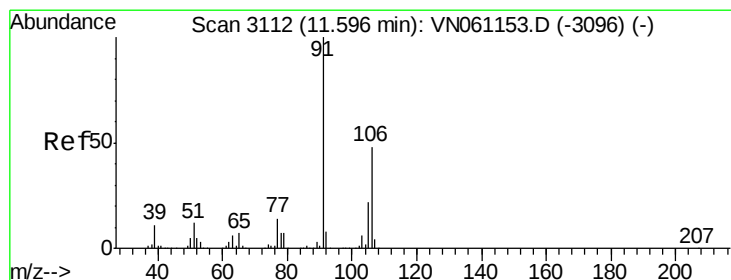
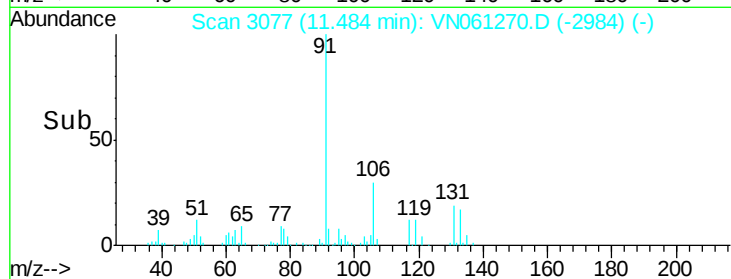
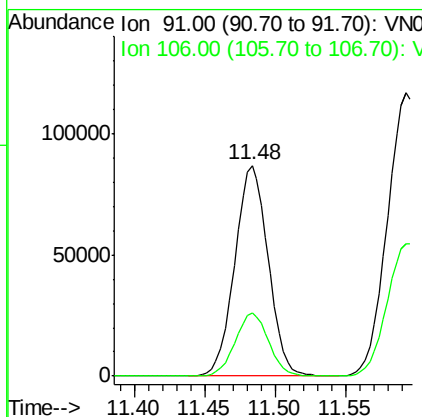
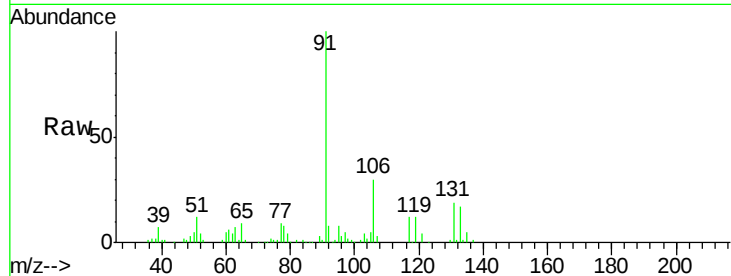
#67
Ethyl Benzene
Concen: 20.816 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0504WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.8	35.6

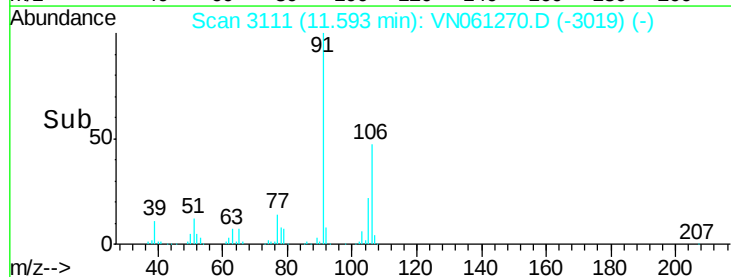
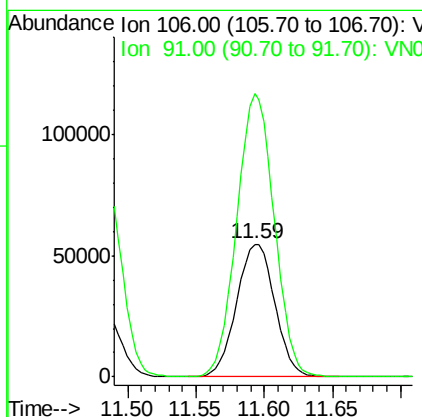
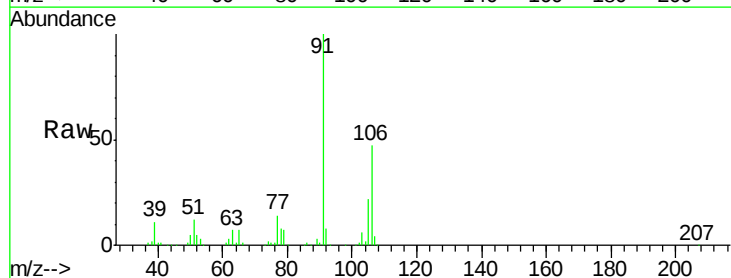
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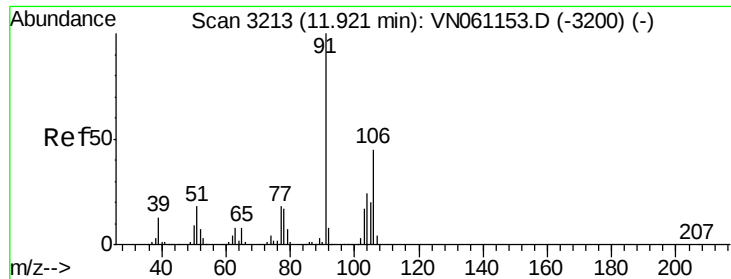
MMDadoda
5/5/2020 11:36:11 AM



#68
m/p-Xylenes
Concen: 42.042 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.1	166.4	249.6





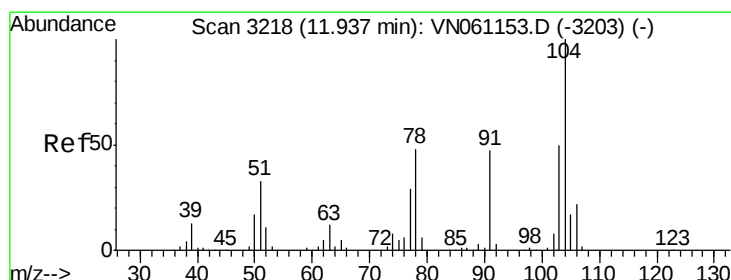
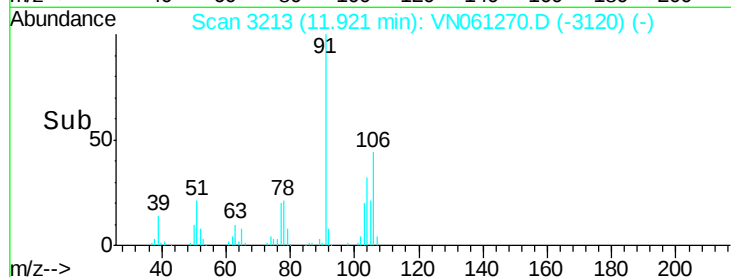
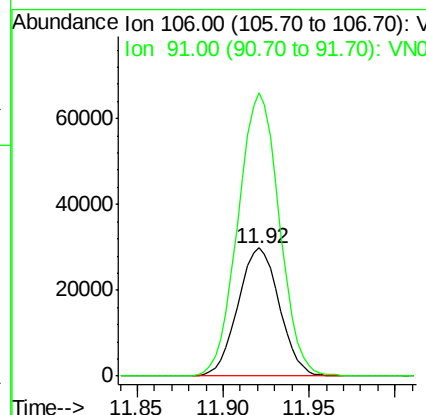
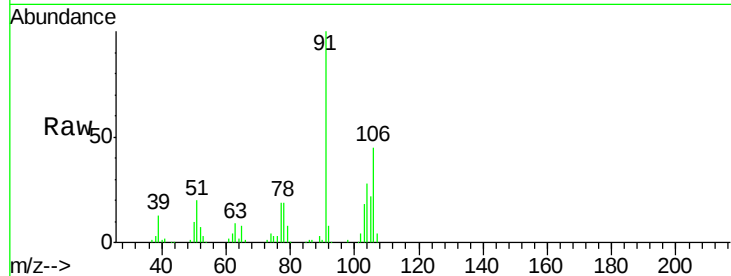
#69
o-Xylene
Concen: 20.514 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0504WBS01

Tot Ion:106 Resp: 49987
Ion Ratio Lower Upper
106 100
91 220.8 109.7 329.0

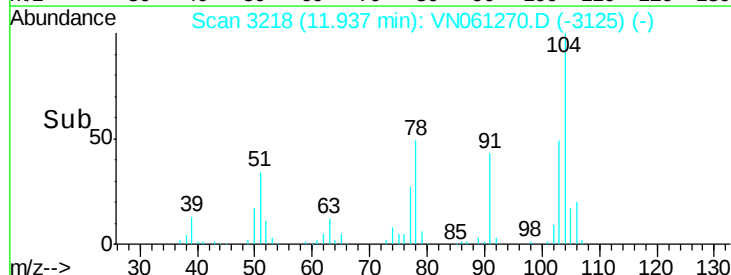
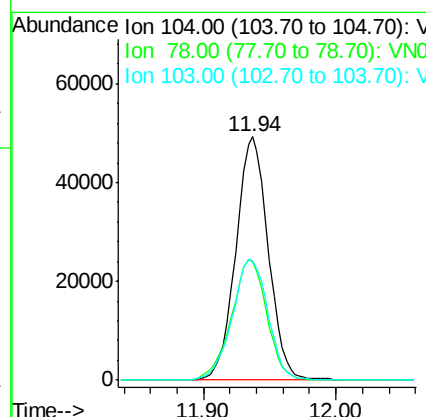
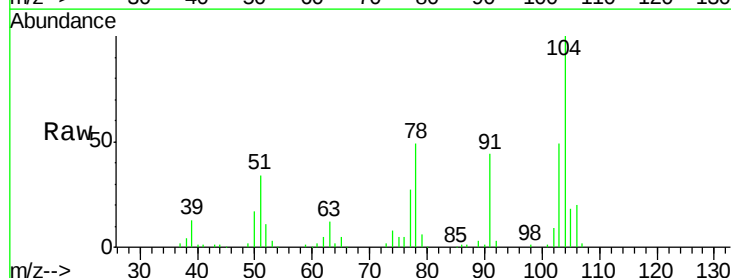
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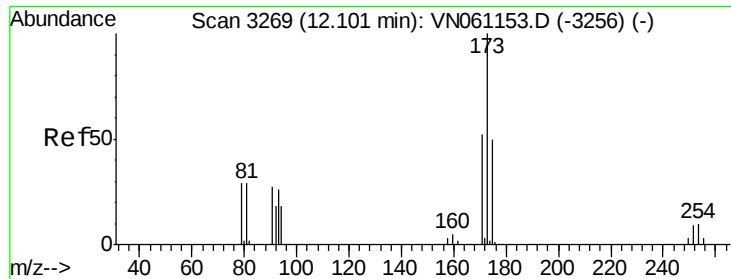
MMDadoda
5/5/2020 11:36:11 AM



#70
Styrene
Concen: 20.513 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion:104 Resp: 83656
Ion Ratio Lower Upper
104 100
78 54.0 42.1 63.1
103 54.6 43.3 64.9





#71

Bromoform

Concen: 20.802 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

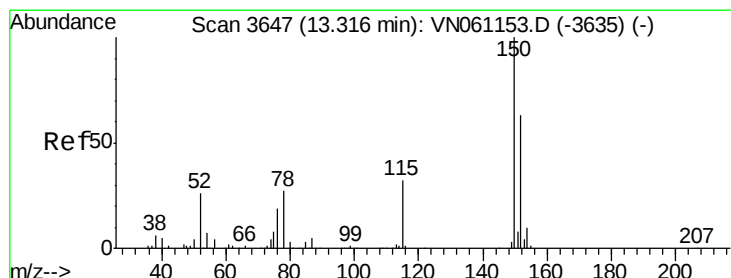
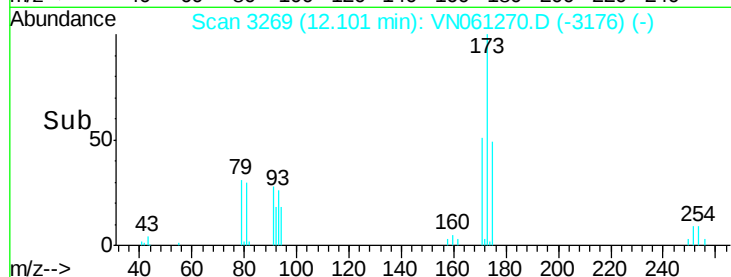
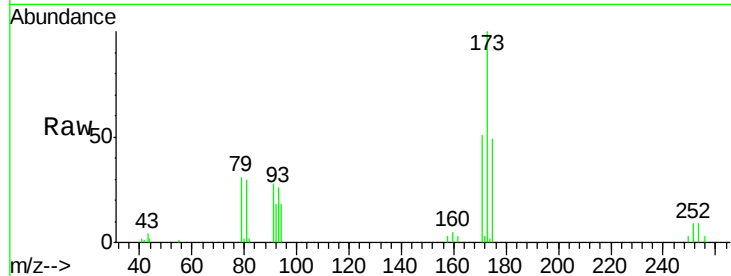
ClientSampled :

VN0504WBS01

Tot Ion:173	Resp:	20257
Ion Ratio	Lower	Upper
173 100		
175 49.6	24.1	72.4
254 0.0	0.0	0.0

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5/5/2020 11:36:11 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

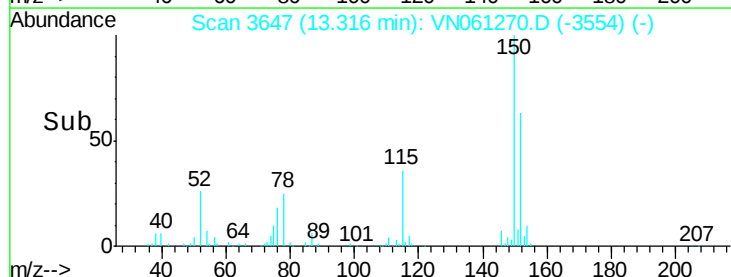
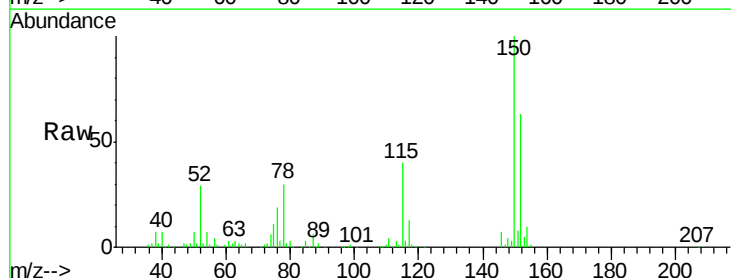
RT: 13.32 min Scan# 3647

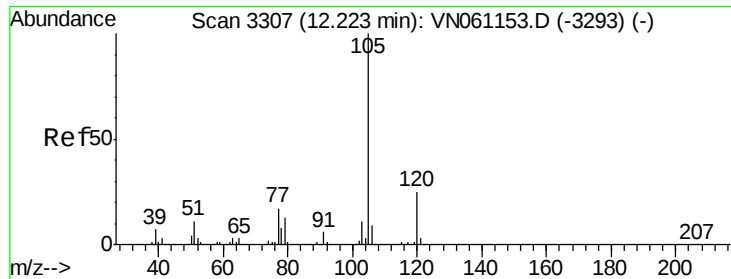
Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Tgt Ion:152	Resp:	87694
Ion Ratio	Lower	Upper
152 100		
115 62.1	31.0	93.0
150 162.6	0.0	351.8





#73

Isopropylbenzene

Concen: 21.232 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS01

Tot Ion: 105 Resp: 136876

Ion Ratio Lower Upper

105 100

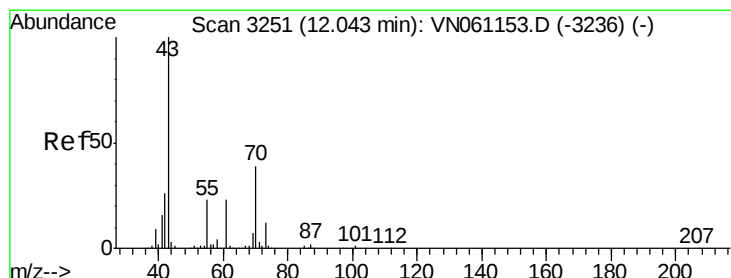
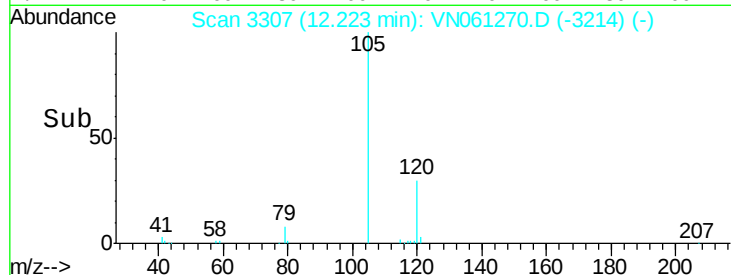
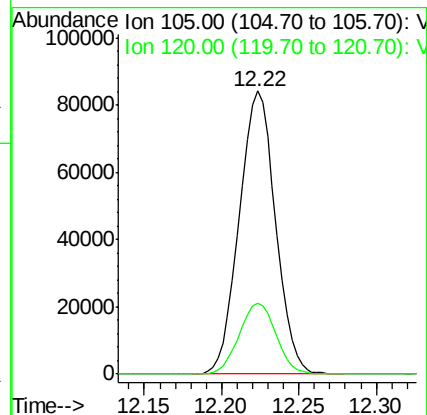
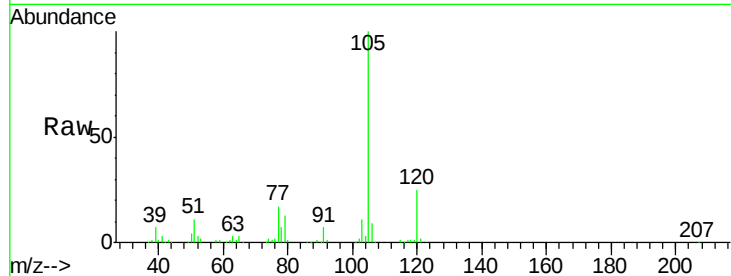
120 25.4 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.861 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Tgt Ion: 43 Resp: 68101

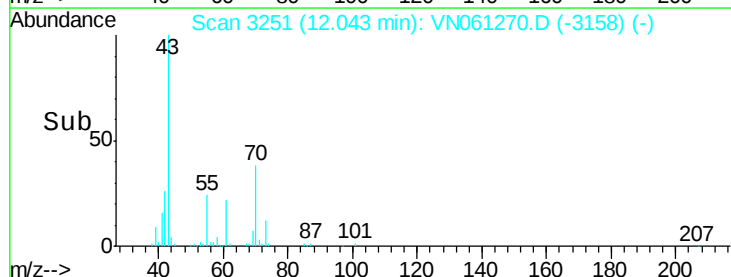
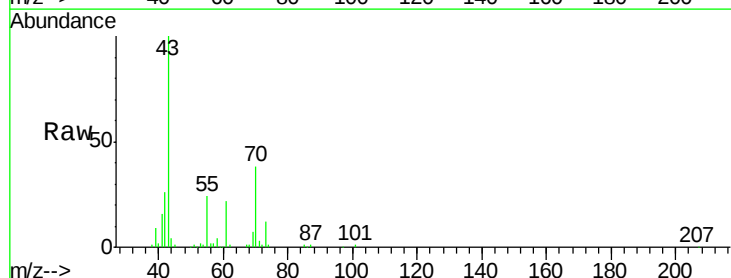
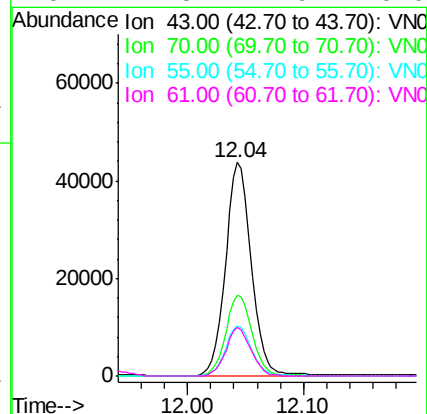
Ion Ratio Lower Upper

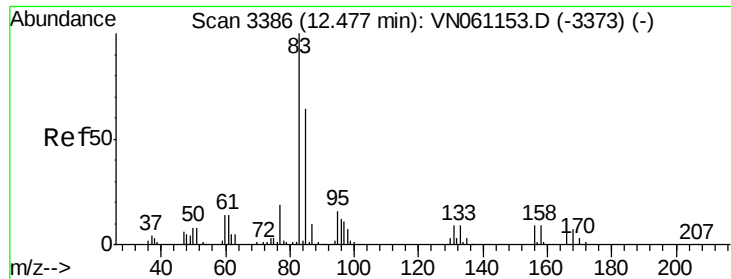
43 100

70 38.2 30.6 46.0

55 23.9 18.5 27.7

61 21.8 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.121 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

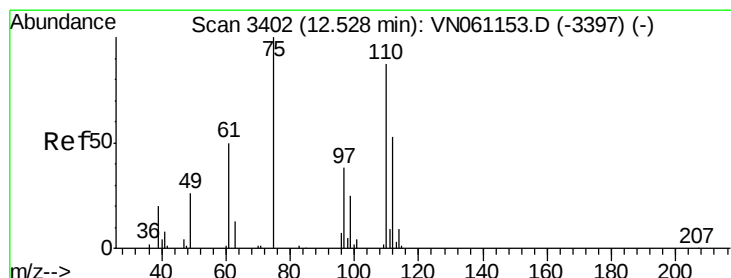
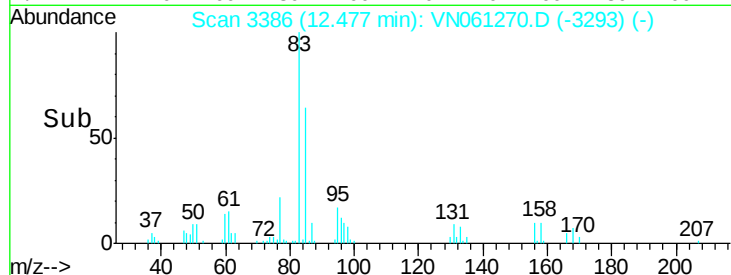
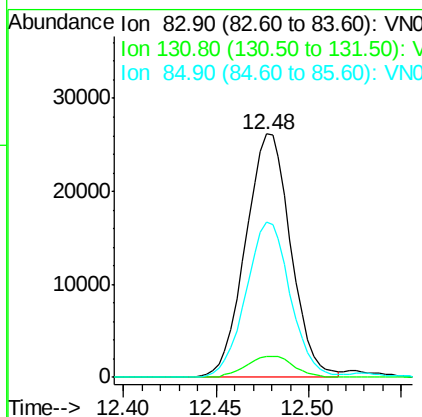
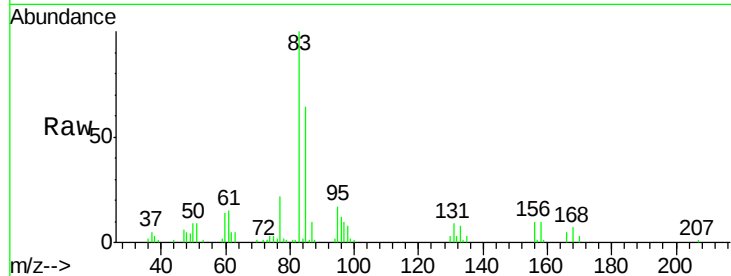
ClientSampled :

VN0504WBS01

Tot Ion:	83	Resp:	44468
Ion Ratio	Lower	Upper	
83	100		
131	9.0	4.8	14.3
85	62.8	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 23.143 ug/l m

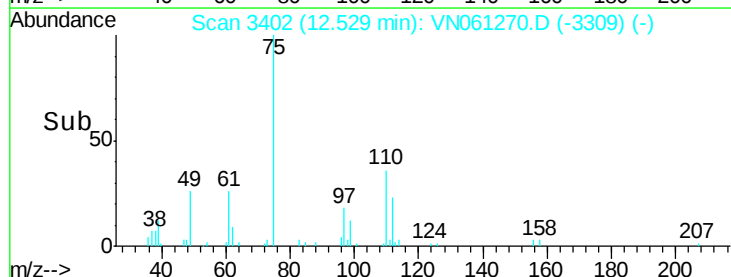
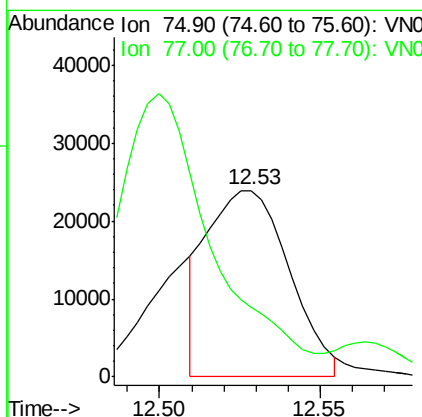
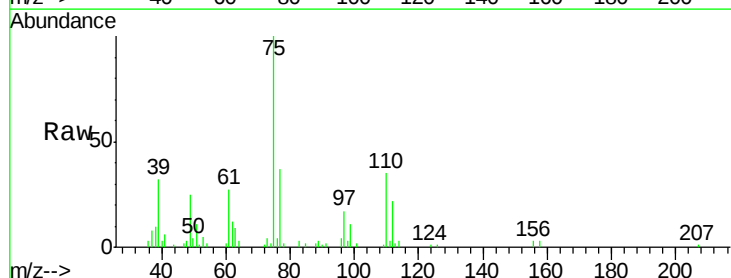
RT: 12.53 min Scan# 3402

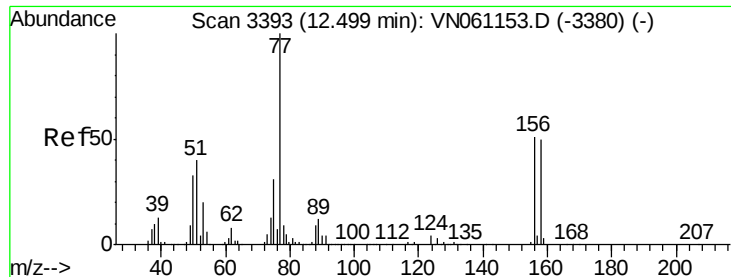
Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Tgt Ion:	75	Resp:	42788
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.315 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

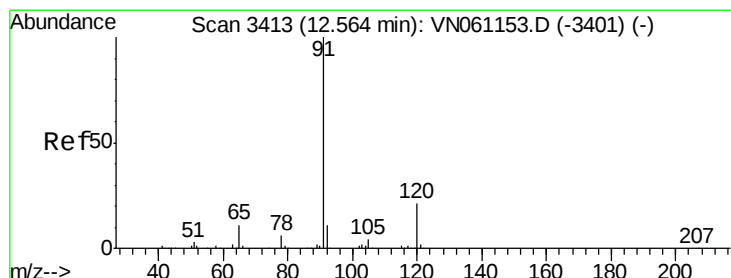
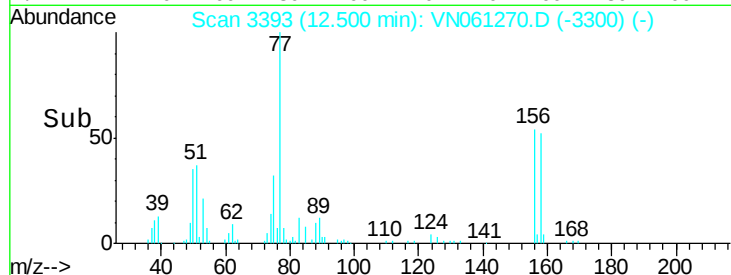
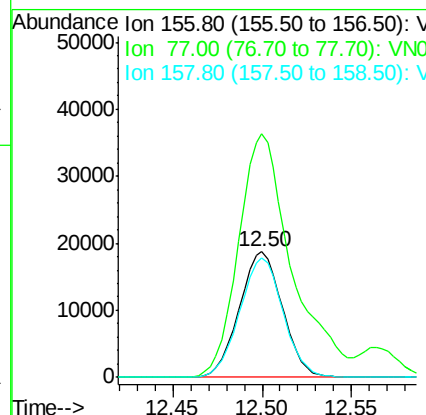
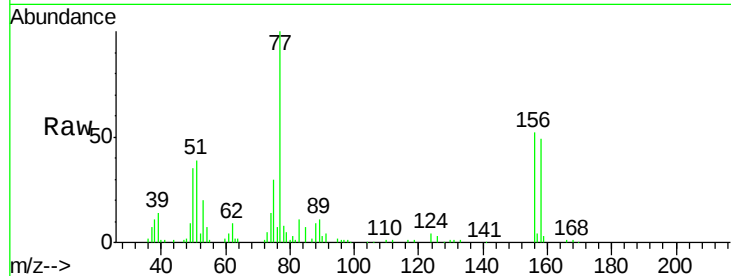
ClientSampled :

VN0504WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	240.4	117.4	352.2
158	95.5	48.4	145.0

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#78

n-propylbenzene

Concen: 21.598 ug/l

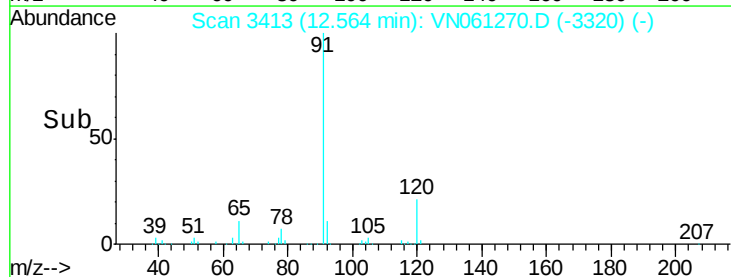
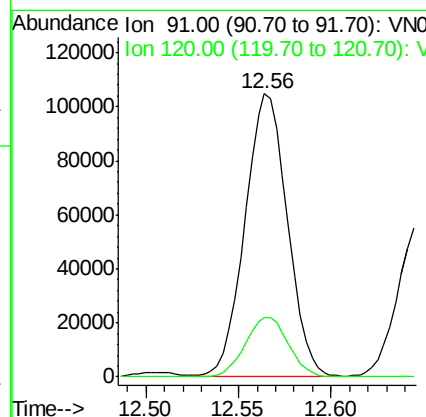
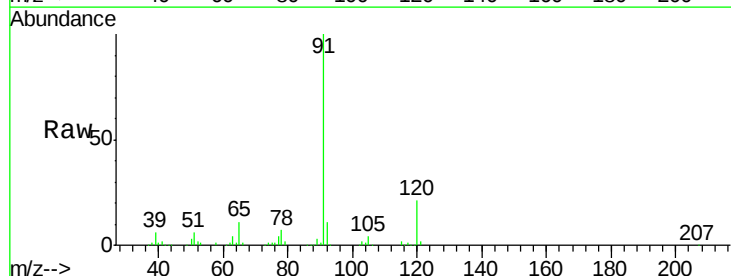
RT: 12.56 min Scan# 3413

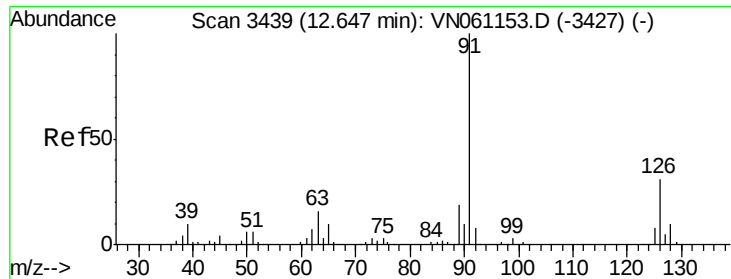
Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.3





#79

2-Chlorotoluene

Concen: 21.539 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0504WBS01

Tot Ion: 91 Resp: 96809

Ion Ratio Lower Upper

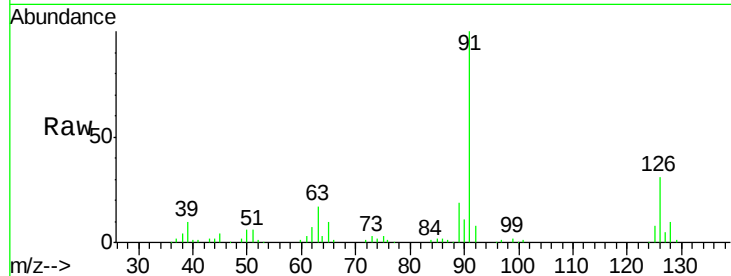
91 100

126 31.3 15.9 47.7

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Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

120000

100000

80000

60000

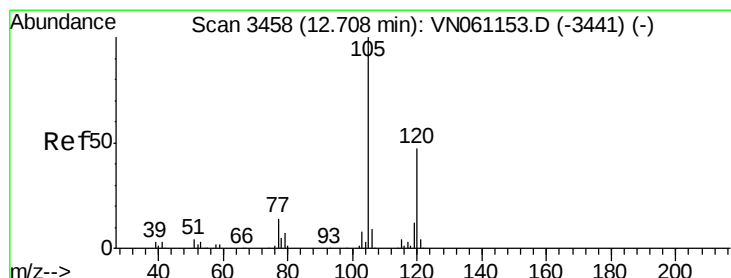
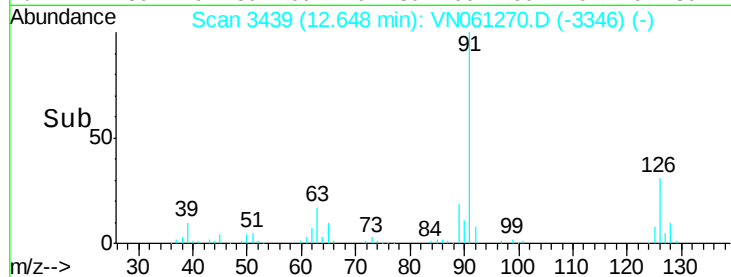
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.565 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. -0.00 min

Lab File: VN061270.D

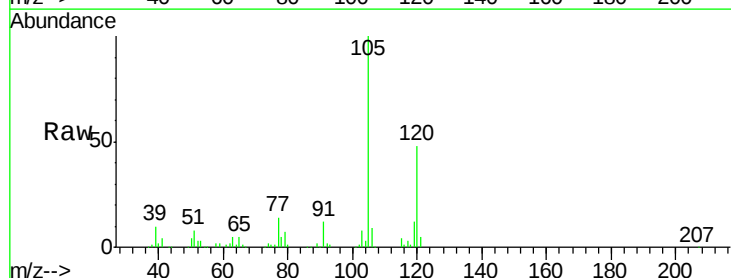
Acq: 4 May 2020 12:00

Tgt Ion: 105 Resp: 115067

Ion Ratio Lower Upper

105 100

120 48.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)

Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)

80000

60000

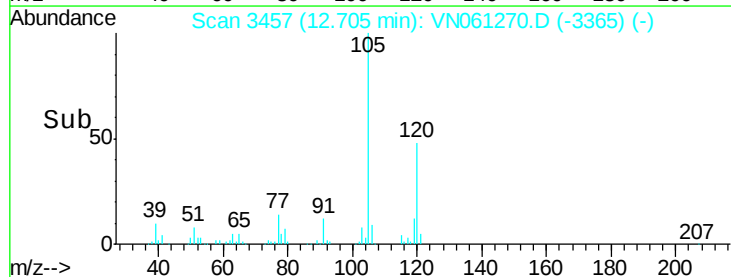
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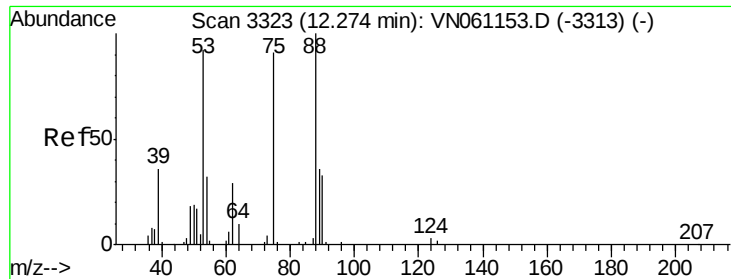
20000

0

12.65 12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.194 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

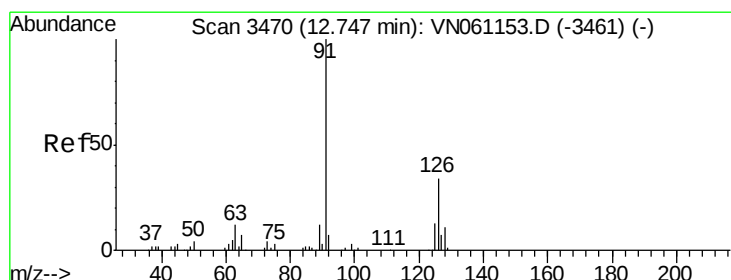
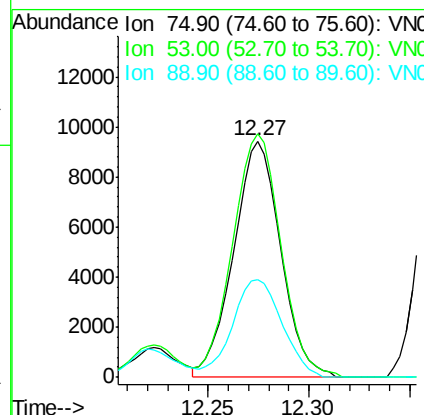
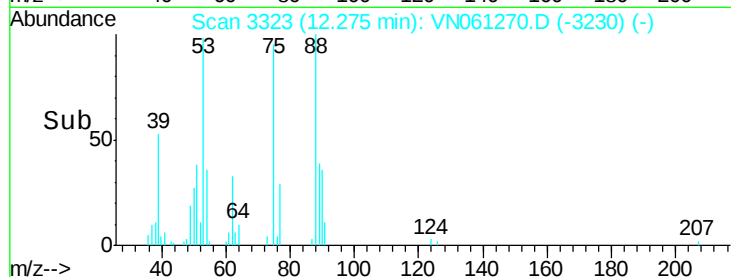
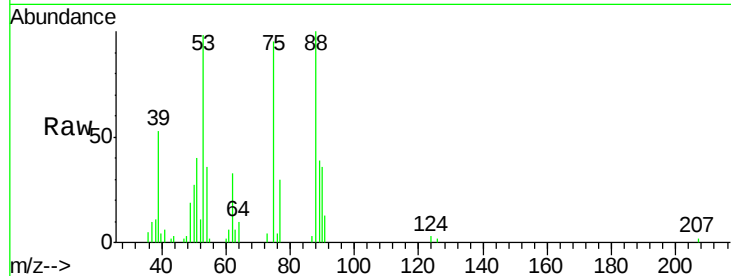
ClientSampleId :

VN0504WBS01

Tot Ion:	75	Resp:	15430
Ion	Ratio	Lower	Upper
75	100		
53	105.5	84.1	126.1
89	43.4	35.2	52.8

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#82

4-Chlorotoluene

Concen: 21.706 ug/l

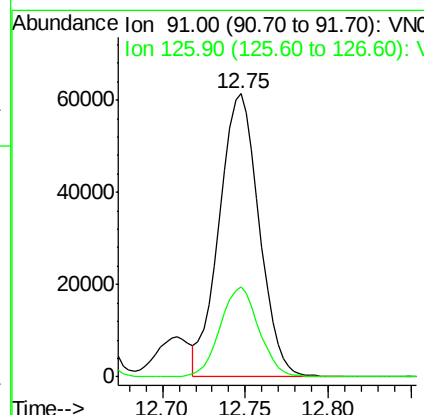
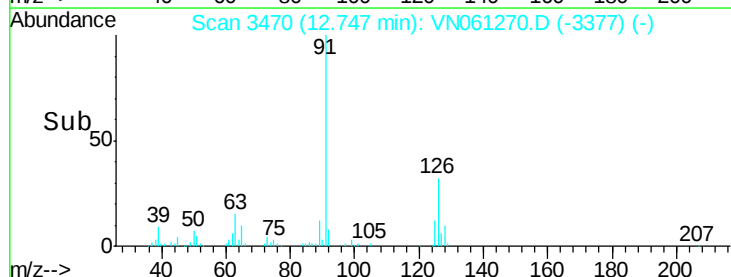
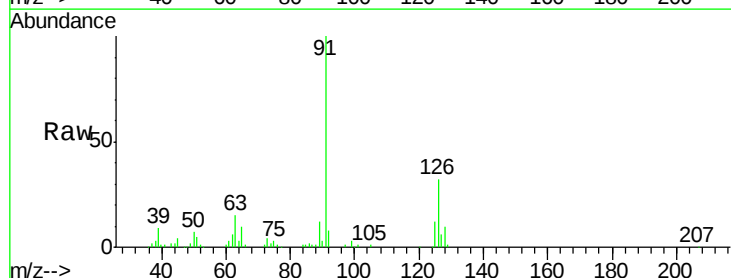
RT: 12.75 min Scan# 3470

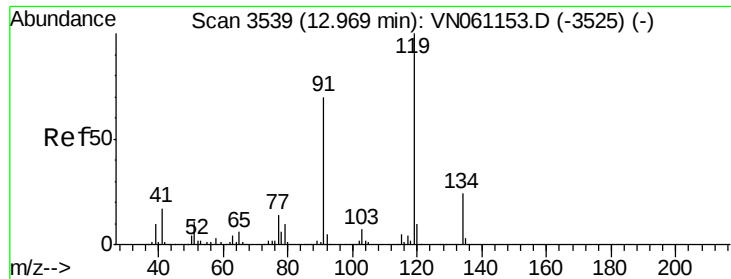
Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Tgt Ion:	91	Resp:	102823
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.7	47.1





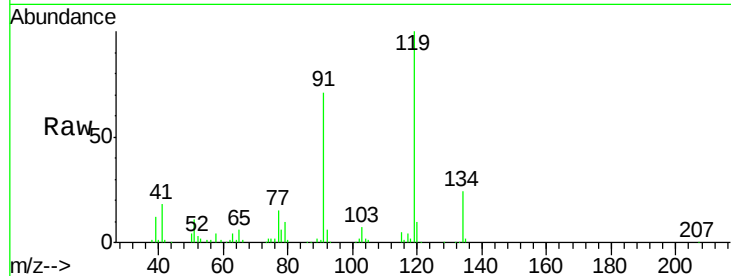
#83
tert-Butylbenzene
Concen: 21.229 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS01

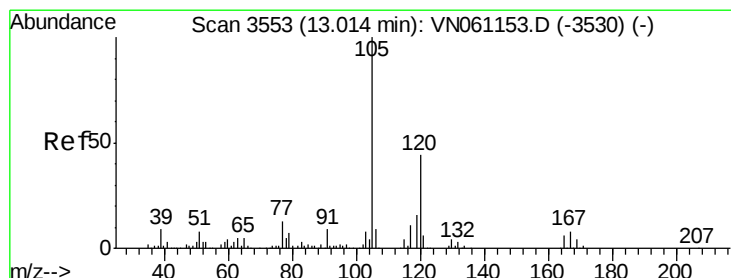
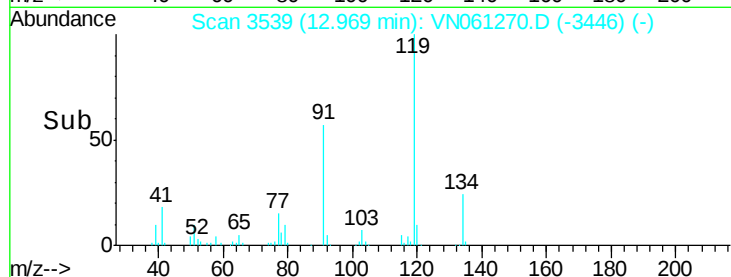
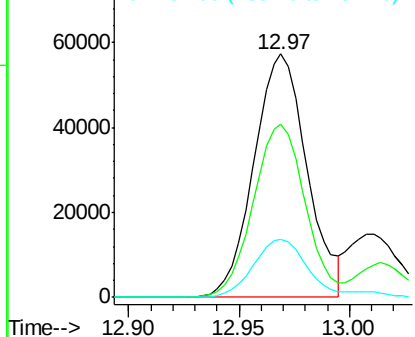
Tot Ion	Ratio	Resp	Lower	Upper
119	100	95513		
91	69.3	34.8	104.4	
134	24.0	12.9	38.7	

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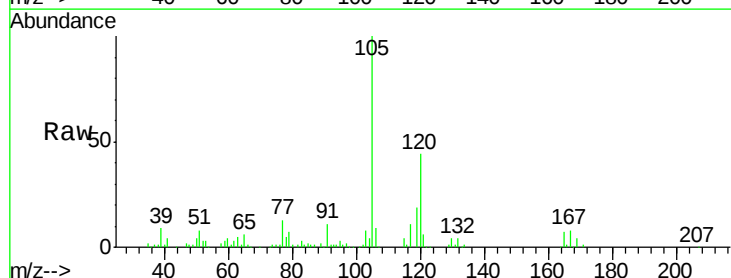


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

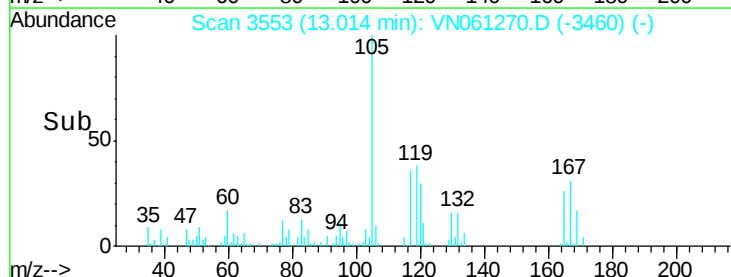
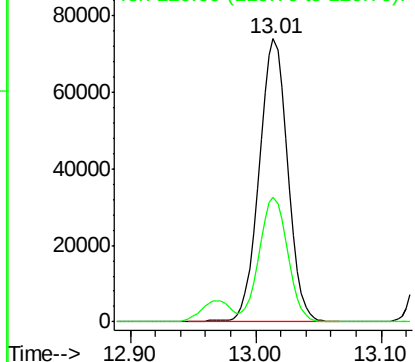


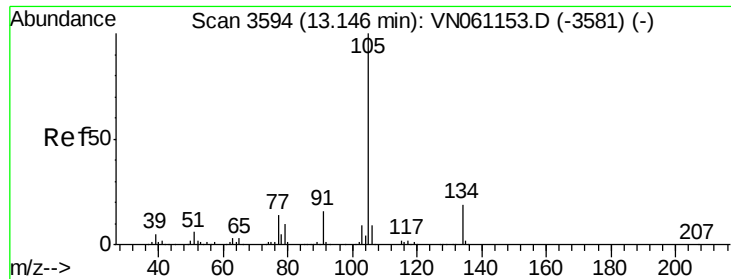
#84
1,2,4-Trimethylbenzene
Concen: 21.263 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	116889		
120	44.2	22.2	66.6	



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





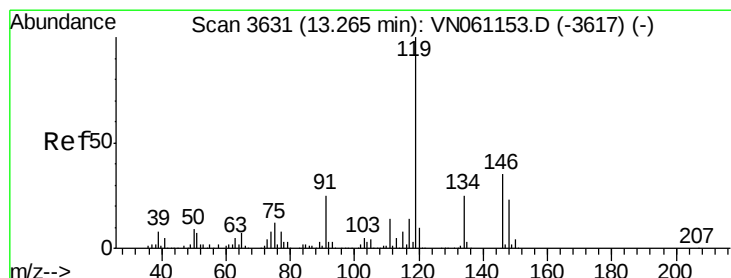
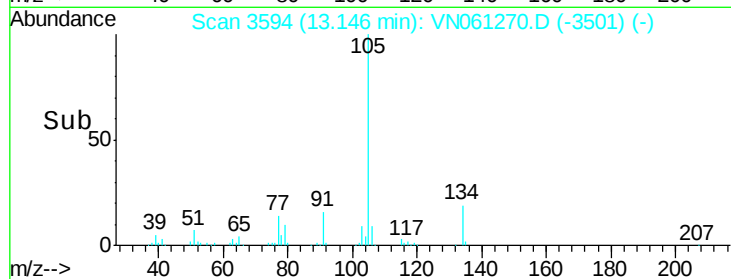
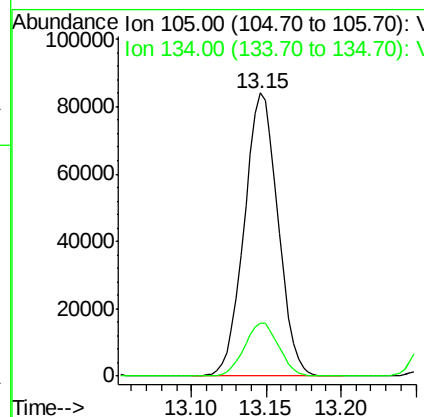
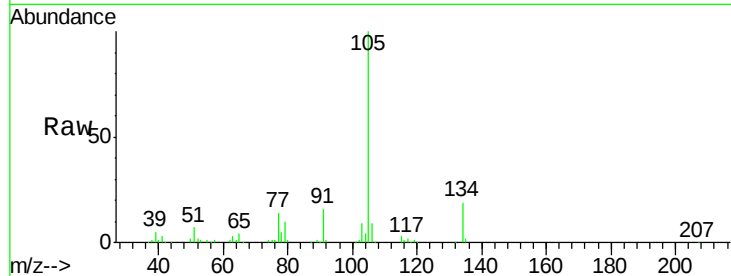
#85
 sec-Butylbenzene
 Concen: 21.504 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.6	28.8

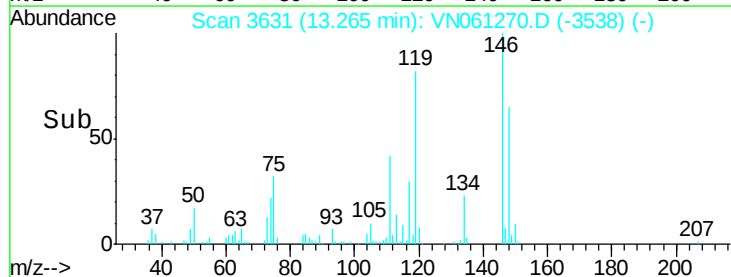
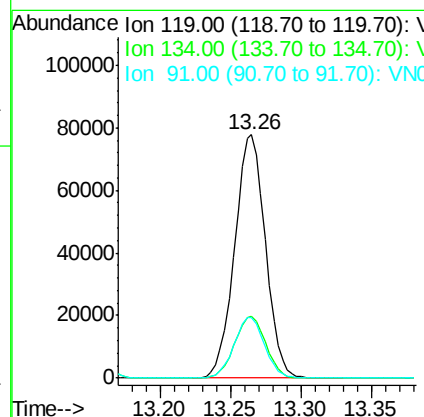
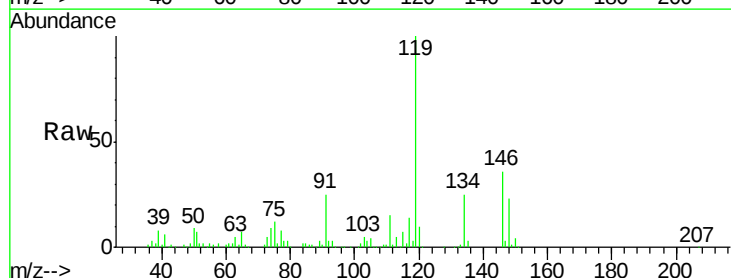
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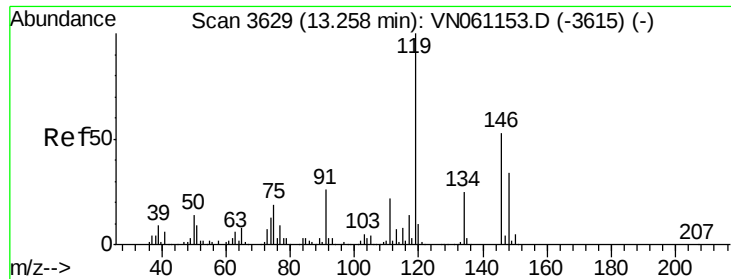
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#86
 p-Isopropyltoluene
 Concen: 21.502 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.6
91	24.8	12.7	38.0





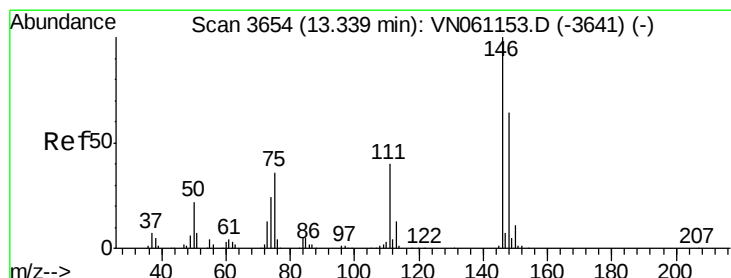
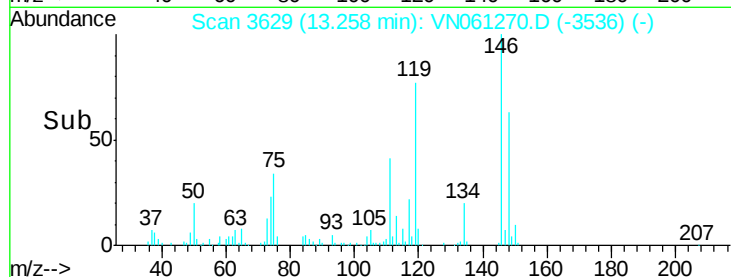
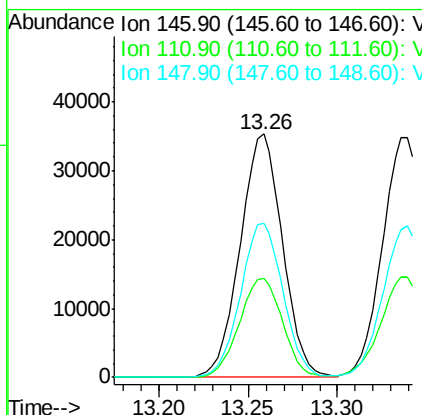
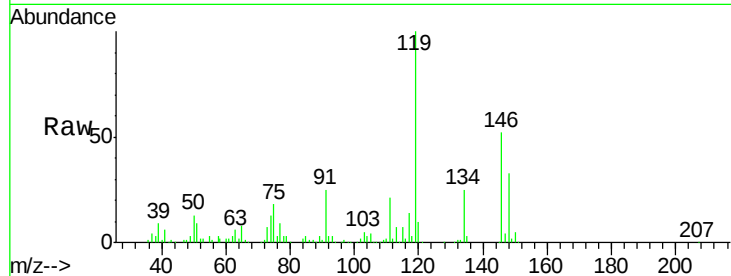
#87
 1,3-Dichlorobenzene
 Concen: 21.388 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	63.7	31.8	95.3

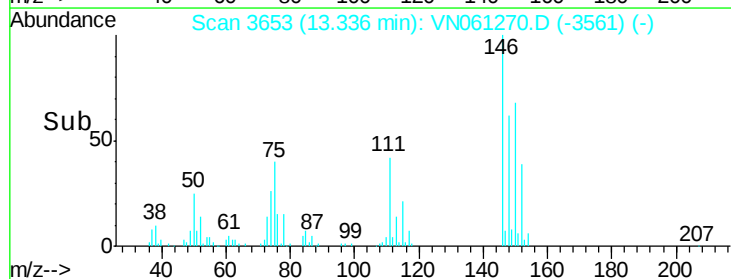
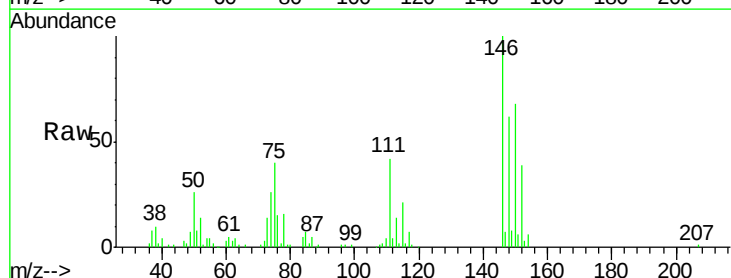
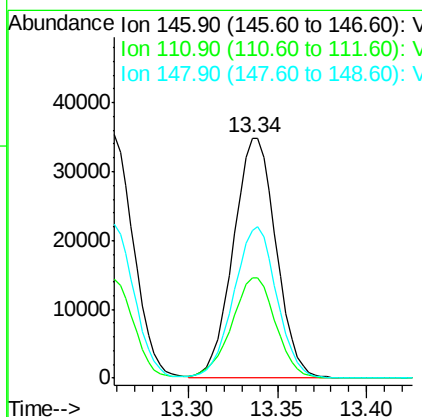
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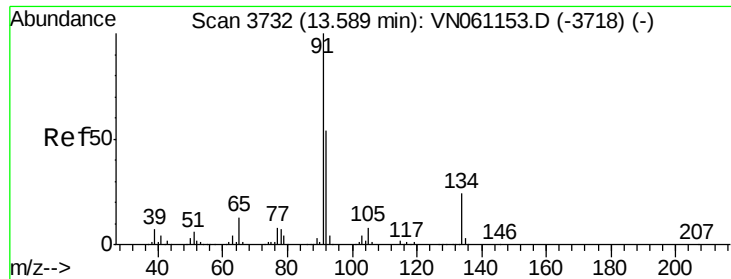
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#88
 1,4-Dichlorobenzene
 Concen: 20.856 ug/l
 RT: 13.34 min Scan# 3653
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.4	61.3
148	63.4	31.9	95.7





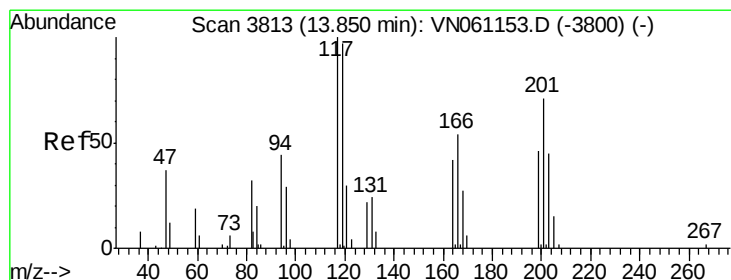
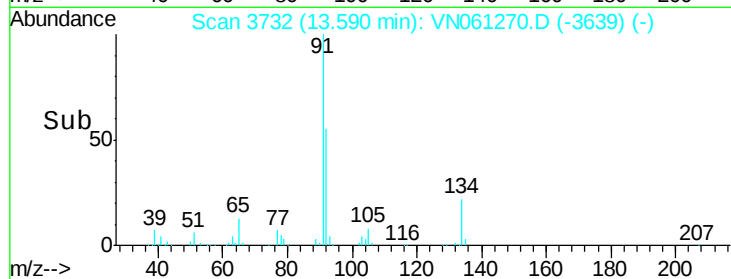
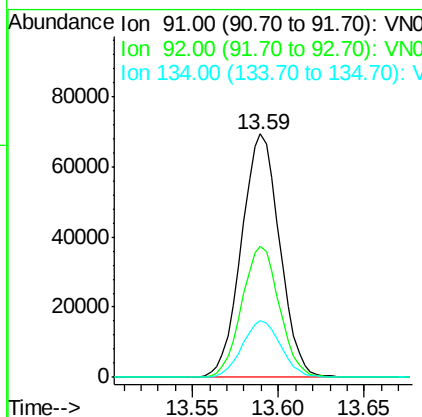
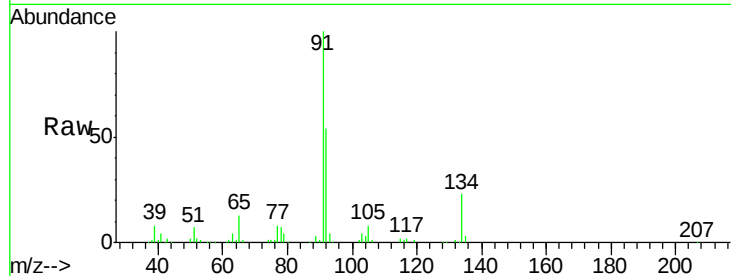
#89
n-Butylbenzene
Concen: 21.175 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.0	26.8	80.3	
134	23.3	11.9	35.5	

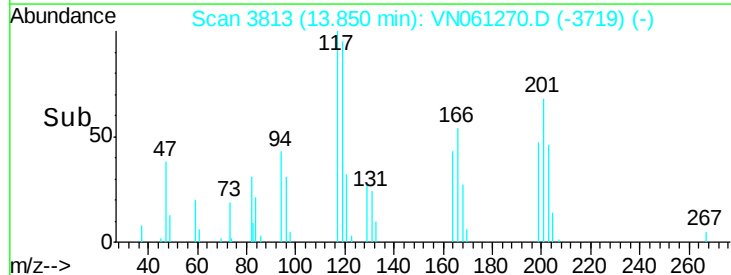
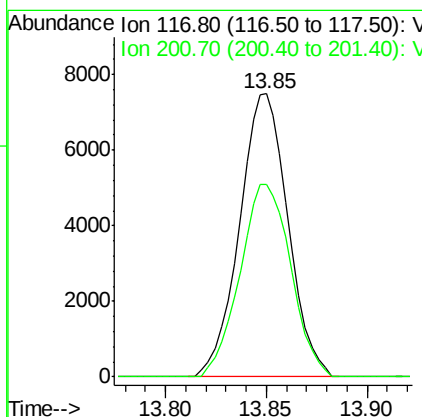
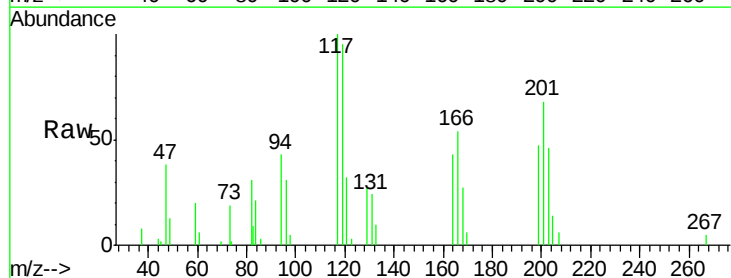
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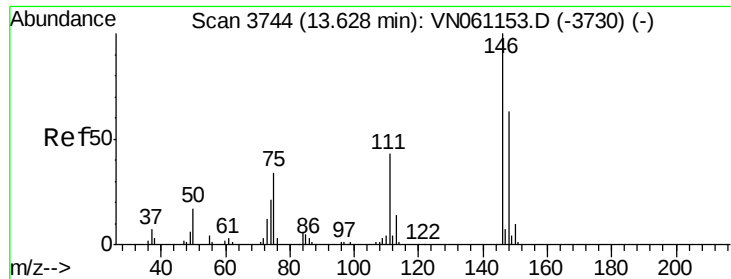
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#90
Hexachloroethane
Concen: 26.103 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	71.4	35.5	106.7	





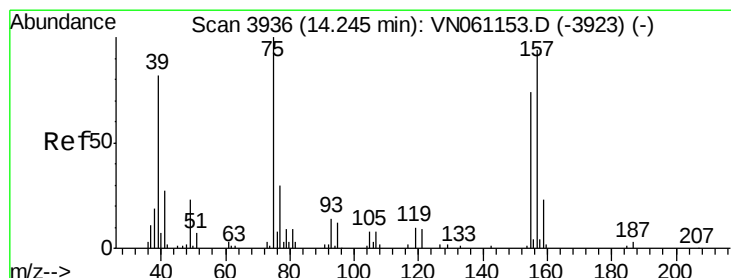
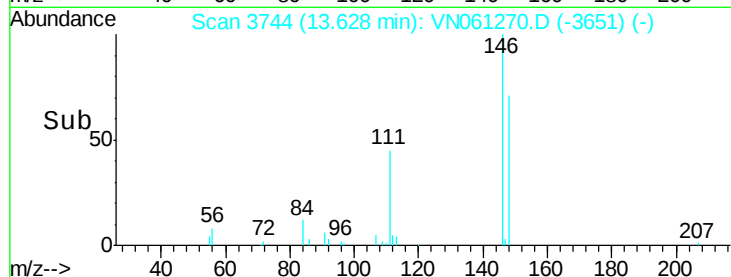
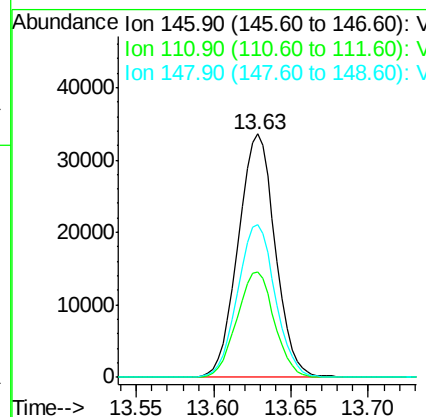
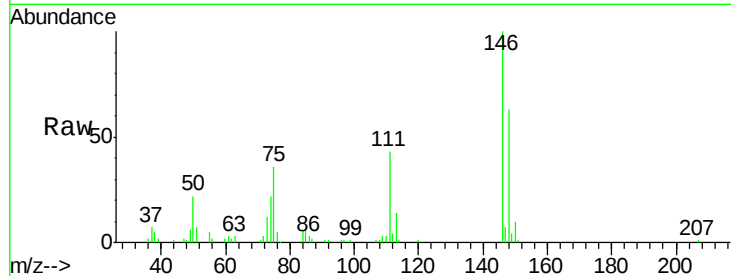
#91
 1,2-Dichlorobenzene
 Concen: 21.284 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.8	65.3
148	63.4	31.6	95.0

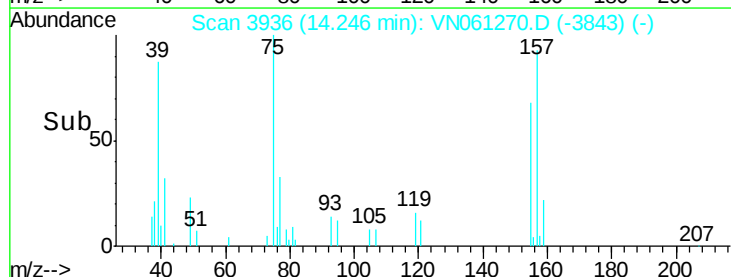
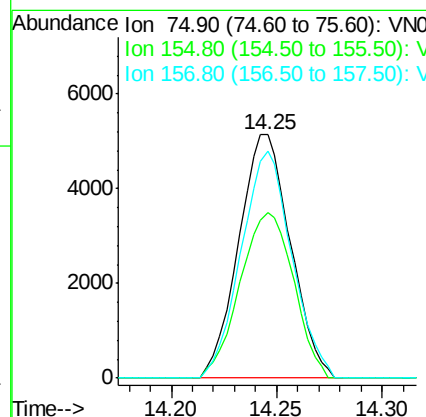
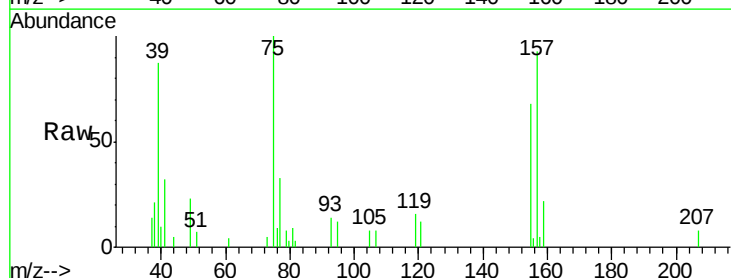
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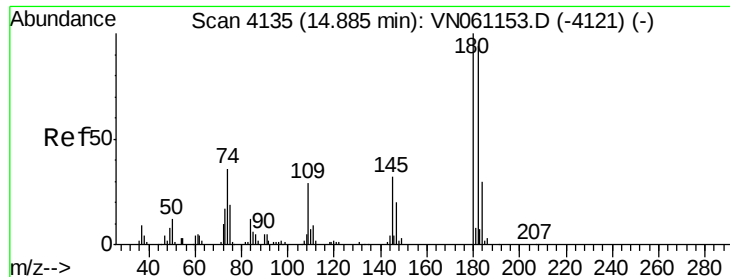
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.640 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.4	36.5	109.7
157	91.4	46.6	139.7





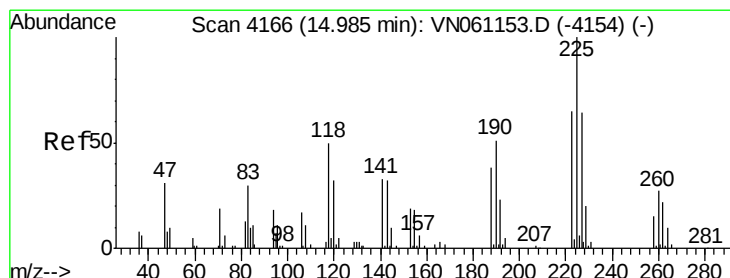
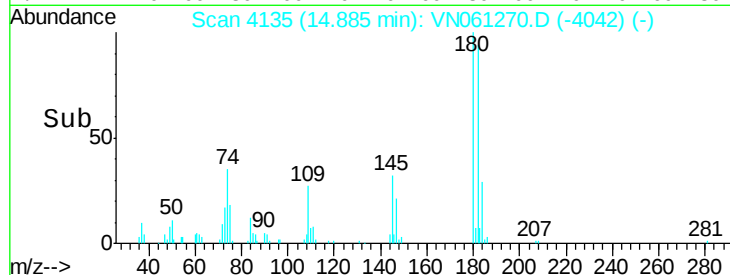
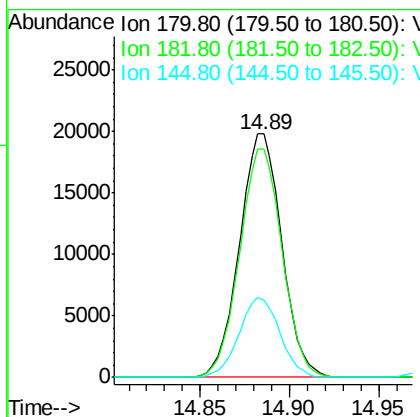
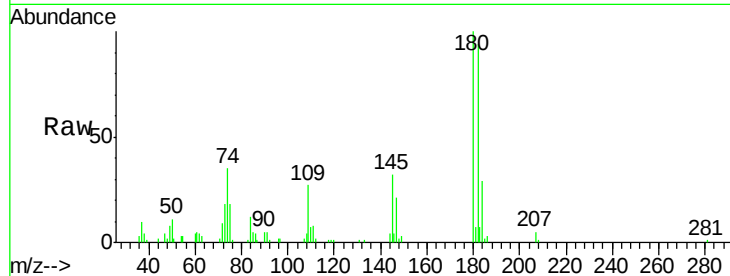
#93
 1,2,4-Trichlorobenzene
 Concen: 20.395 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	32625		
182	94.4	47.3	141.9	
145	31.7	16.0	47.9	

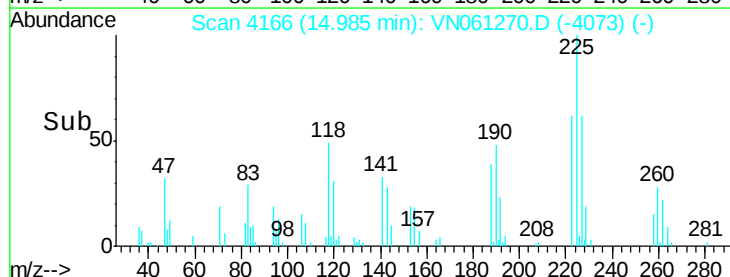
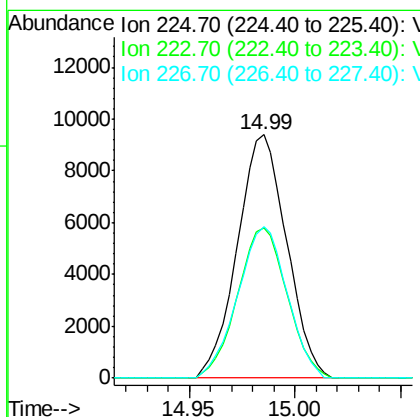
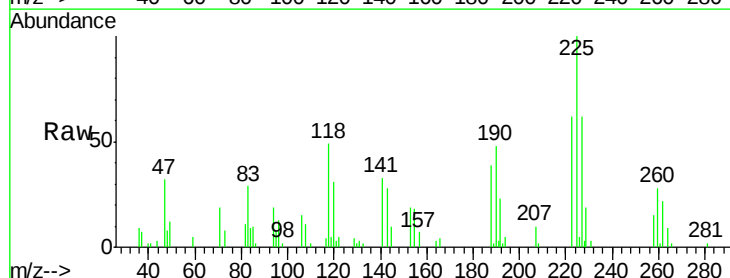
Manual Integrations
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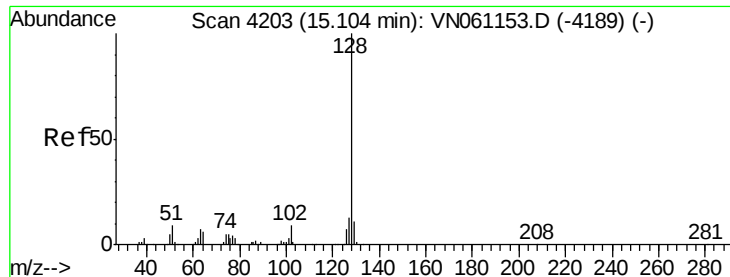
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#94
 Hexachlorobutadiene
 Concen: 22.776 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	15221		
223	62.1	32.4	97.0	
227	62.5	32.4	97.0	





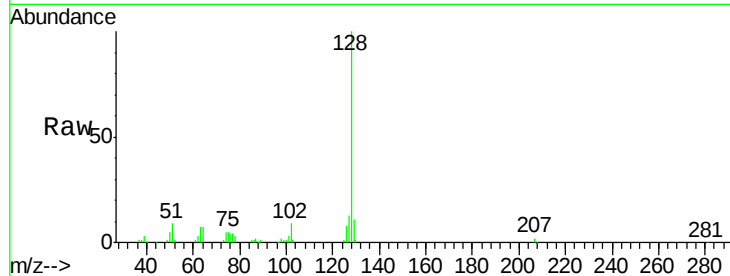
#95
Naphthalene
Concen: 18.899 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0504WBS01

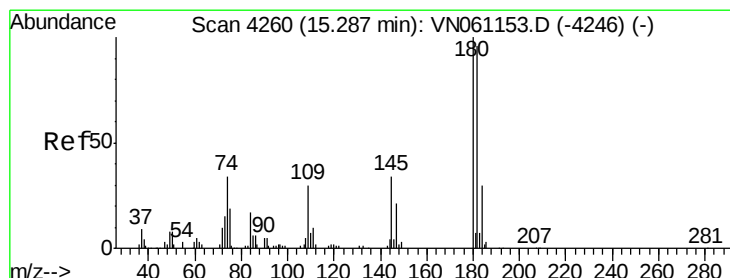
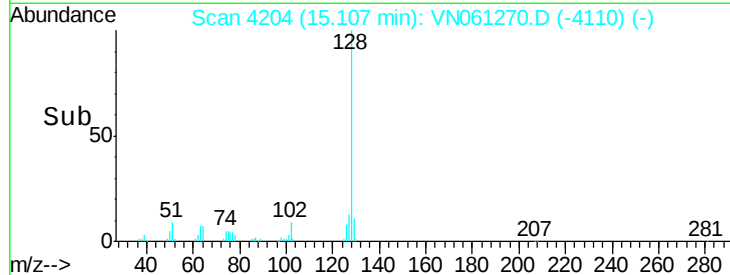
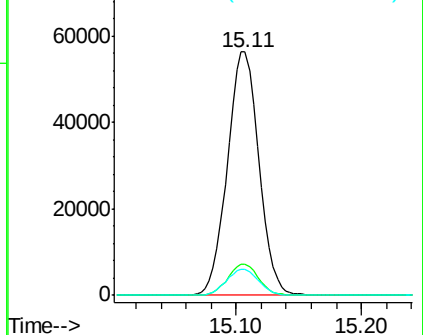
Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
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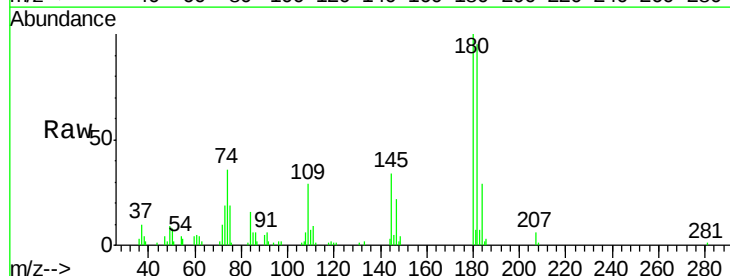


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.383 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.5	142.5
145	34.0	16.9	50.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

