

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073020\
 Data File : VN062661.D
 Acq On : 30 Jul 2020 10:57
 Operator : JC/MD
 Sample : VN0730WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:56:47 AM

Quant Time: Jul 31 04:43:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	169360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	268311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	132943	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	7.55	113	89656	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.06	98	347906	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.37	95	129451	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	36244	17.941	ug/l	100
3) Chloromethane	2.03	50	40053	14.618	ug/l	99
4) Vinyl Chloride	2.16	62	37947	15.976	ug/l	93
5) Bromomethane	2.53	94	20718	19.693	ug/l	99
6) Chloroethane	2.67	64	19801	18.429	ug/l	100
7) Trichlorofluoromethane	2.98	101	57849	20.743	ug/l	100
8) Diethyl Ether	3.38	74	20433	15.668	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.72	101	34271	19.167	ug/l	98
10) Methyl Iodide	3.91	142	39093	17.102	ug/l	97
11) Tert butyl alcohol	4.73	59	31755	75.873	ug/l	97
12) 1,1-Dichloroethene	3.69	96	31720	17.492	ug/l	99
13) Acrolein	3.57	56	19405	51.394	ug/l	98
14) Allyl chloride	4.27	41	63257	16.126	ug/l	96
15) Acrylonitrile	4.93	53	95452	85.148	ug/l	98
16) Acetone	3.77	43	85912	86.777	ug/l	99
17) Carbon Disulfide	4.00	76	95005	15.945	ug/l	100
18) Methyl Acetate	4.28	43	46030	18.365	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	117931	17.669	ug/l	99
20) Methylene Chloride	4.50	84	39413	16.598	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	35685	17.730	ug/l	100
22) Diisopropyl ether	5.90	45	132112	16.944	ug/l	92
23) Vinyl Acetate	5.84	43	528840	82.776	ug/l	98
24) 1,1-Dichloroethane	5.79	63	73605	17.530	ug/l	99
25) 2-Butanone	6.79	43	123770	82.087	ug/l	98
26) 2,2-Dichloropropane	6.77	77	65569	19.023	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	39903	17.375	ug/l	97
28) Bromochloromethane	7.15	49	38961	18.855	ug/l	94
29) Tetrahydrofuran	7.17	42	81558	79.938	ug/l	97
30) Chloroform	7.33	83	74835	18.746	ug/l	95
31) Cyclohexane	7.61	56	61887	15.964	ug/l	# 88
32) 1,1,1-Trichloroethane	7.53	97	66318	19.897	ug/l	99
36) 1,1-Dichloropropene	7.75	75	55315	19.342	ug/l	99
37) Ethyl Acetate	6.88	43	54099	17.548	ug/l	98
38) Carbon Tetrachloride	7.73	117	58098	21.134	ug/l	98

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Quant Time: Jul 31 04:43:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	56314	18.292	ug/l	99
40) Benzene	8.00	78	157178	18.153	ug/l	99
41) Methacrylonitrile	7.13	41	23954m	18.130	ug/l	
42) 1,2-Dichloroethane	8.09	62	63960	20.206	ug/l	98
43) Isopropyl Acetate	8.12	43	88112	17.730	ug/l #	91
44) Trichloroethene	8.80	130	36325	18.604	ug/l	98
45) 1,2-Dichloropropane	9.08	63	44221	18.191	ug/l	99
46) Dibromomethane	9.17	93	27522	19.588	ug/l	97
47) Bromodichloromethane	9.37	83	59901	19.679	ug/l	94
48) Methyl methacrylate	9.17	41	41957	17.760	ug/l	97
49) 1,4-Dioxane	9.17	88	11728	323.224	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	265791	89.384	ug/l	100
52) Toluene	10.12	92	96239	19.142	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	64860	19.141	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	69297	19.058	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	38108	19.541	ug/l	97
56) Ethyl methacrylate	10.40	69	57605	17.638	ug/l	99
57) 1,3-Dichloropropane	10.68	76	68215	19.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	80809	88.150	ug/l	99
59) 2-Hexanone	10.72	43	192754	85.784	ug/l	99
60) Dibromochloromethane	10.87	129	43502	19.996	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37965	18.696	ug/l	98
64) Tetrachloroethene	10.60	164	31421	19.140	ug/l	99
65) Chlorobenzene	11.40	112	98187	18.536	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	38843	19.492	ug/l	98
67) Ethyl Benzene	11.48	91	180498	18.585	ug/l	99
68) m/p-Xylenes	11.59	106	132383	37.923	ug/l	98
69) o-Xylene	11.92	106	61904	18.675	ug/l	97
70) Styrene	11.94	104	108190	19.321	ug/l	99
71) Bromoform	12.10	173	29415	19.660	ug/l #	97
73) Isopropylbenzene	12.22	105	173596	18.382	ug/l	100
74) N-amyl acetate	12.04	43	74058	17.559	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	55937	17.045	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	54716m	17.998	ug/l	
77) Bromobenzene	12.50	156	41908	18.465	ug/l	94
78) n-propylbenzene	12.57	91	205309	18.559	ug/l	100
79) 2-Chlorotoluene	12.65	91	123552	18.123	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	153513	19.596	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	19615	17.961	ug/l	95
82) 4-Chlorotoluene	12.75	91	129744	18.284	ug/l	100
83) tert-Butylbenzene	12.97	119	123609	19.002	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	149016	19.391	ug/l	98
85) sec-Butylbenzene	13.15	105	170166	19.540	ug/l	100
86) p-Isopropyltoluene	13.26	119	149539	19.965	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	73295	18.403	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	72596	18.516	ug/l	99
89) n-Butylbenzene	13.59	91	117552	18.265	ug/l	99
90) Hexachloroethane	13.85	117	30038	18.839	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	70176	18.427	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	11057	18.557	ug/l	92

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30401	17.344	ug/l	99
94) Hexachlorobutadiene	14.99	225	22511	21.603	ug/l	96
95) Naphthalene	15.10	128	74410	16.717	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	30290	16.878	ug/l	98

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

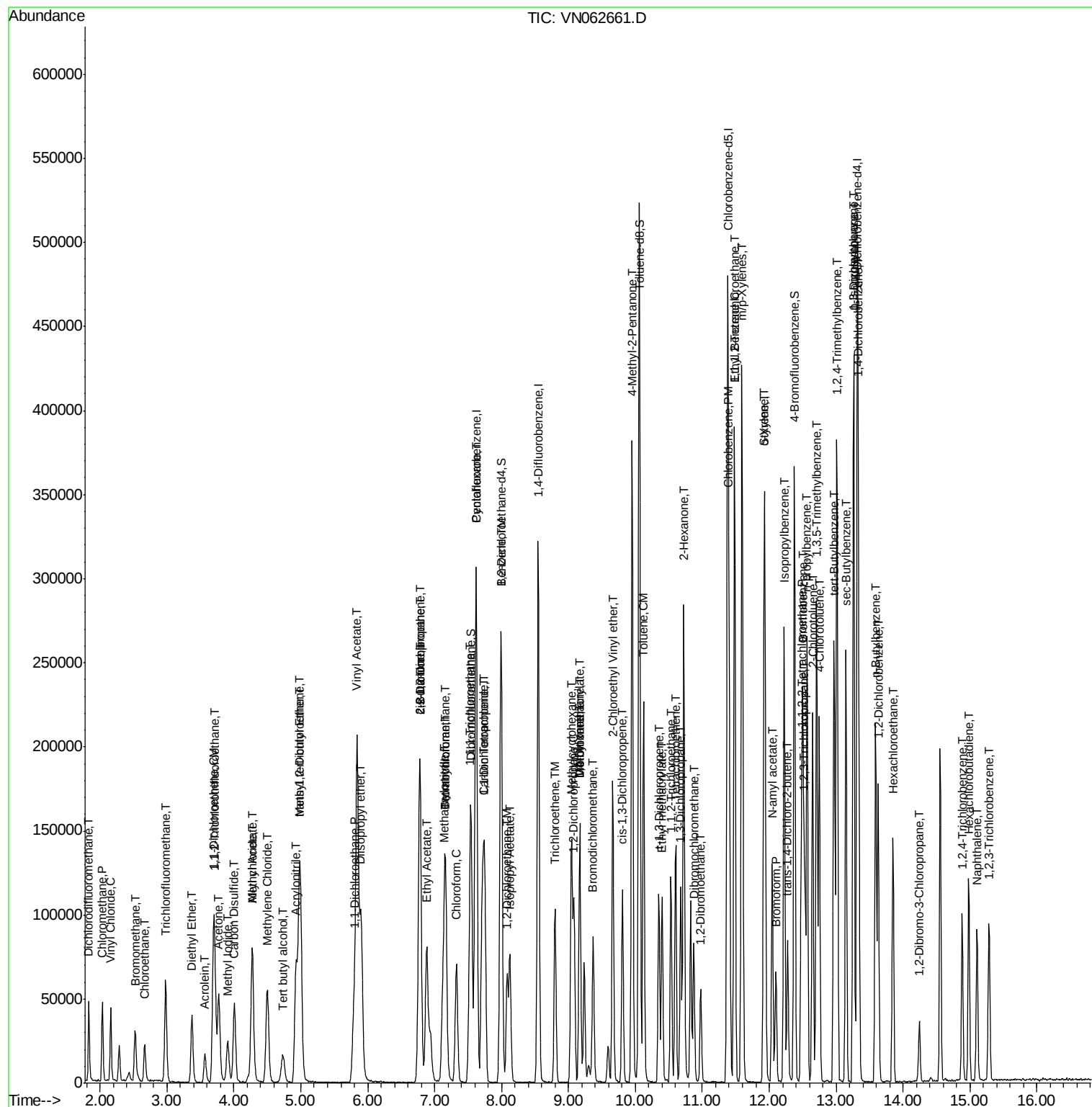
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Data File : VN062661.D
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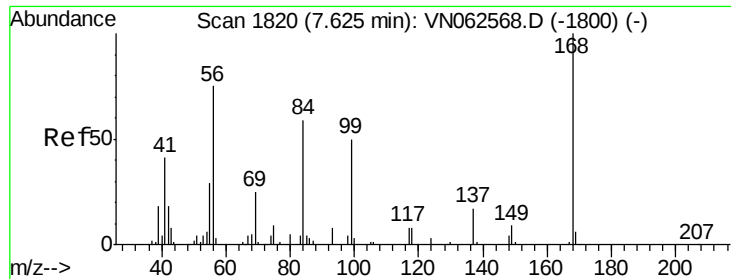
Instrument :
MSVOA_N
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tot Ion:168 Resp: 169360

Ion Ratio Lower Upper

168 100

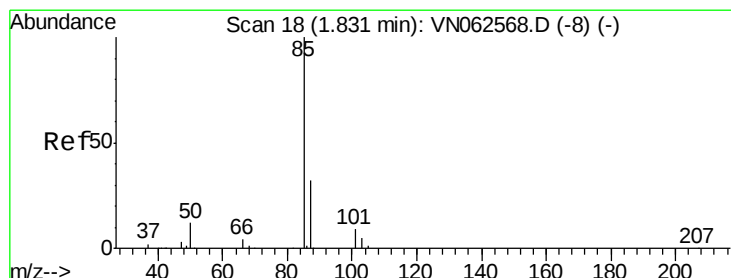
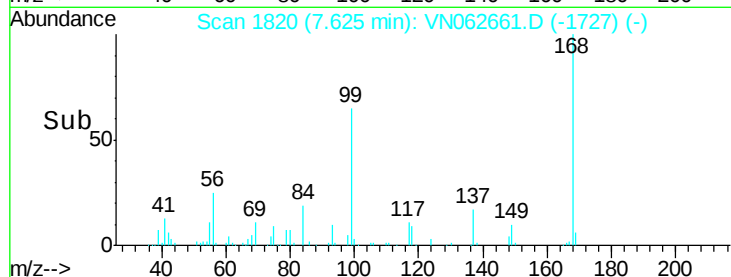
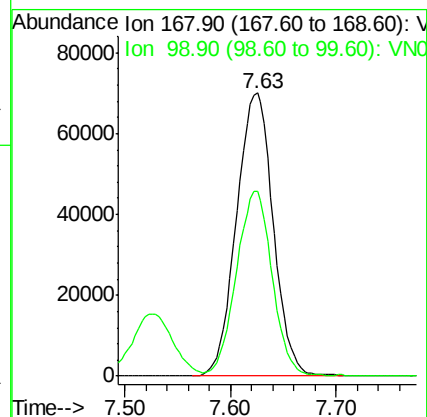
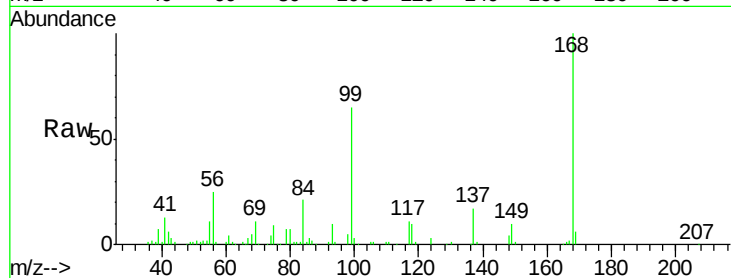
99 64.9 48.4 72.6

Manual Integrations

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7/31/2020 11:56:47 AM



#2

Dichlorodifluoromethane

Concen: 17.941 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062661.D

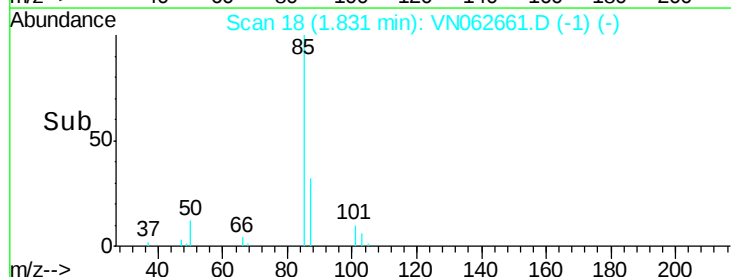
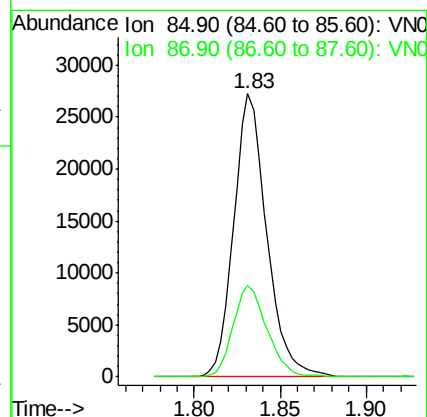
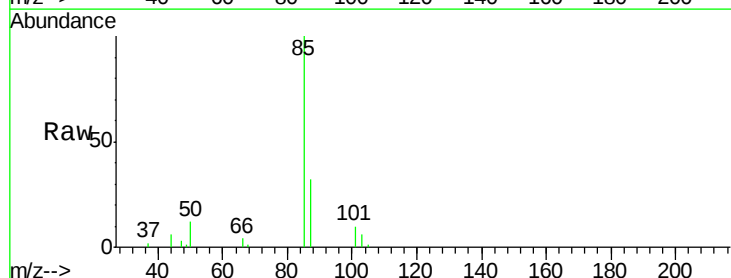
Acq: 30 Jul 2020 10:57

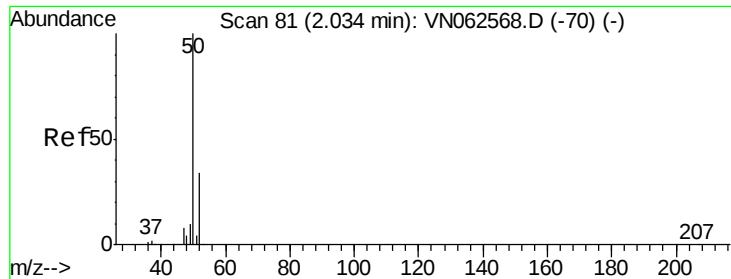
Tgt Ion: 85 Resp: 36244

Ion Ratio Lower Upper

85 100

87 32.1 16.0 48.0





#3

Chloromethane

Concen: 14.618 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tot Ion: 50 Resp: 40053

Ion Ratio Lower Upper

50 100

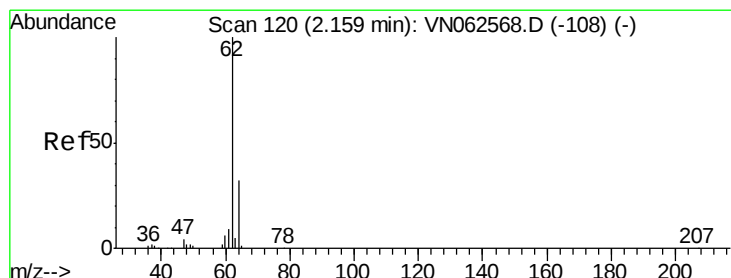
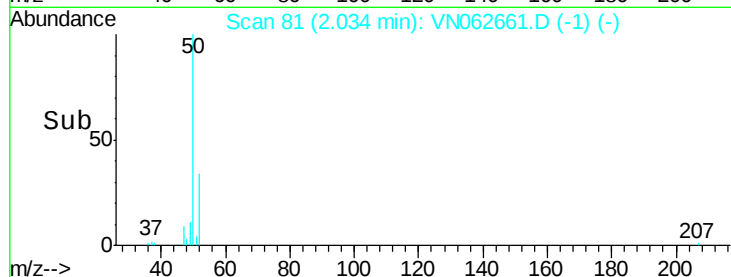
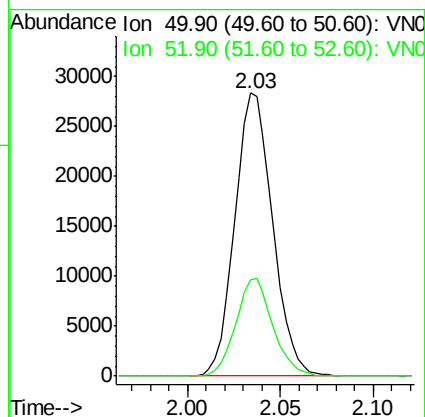
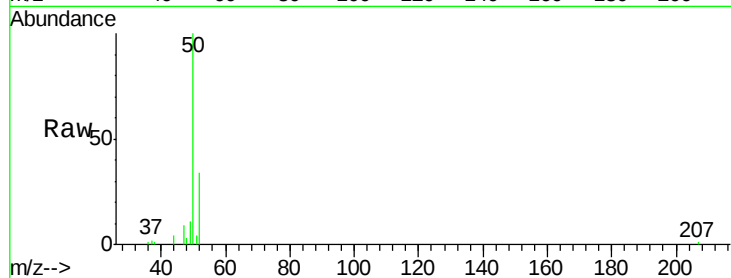
52 34.0 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.976 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062661.D

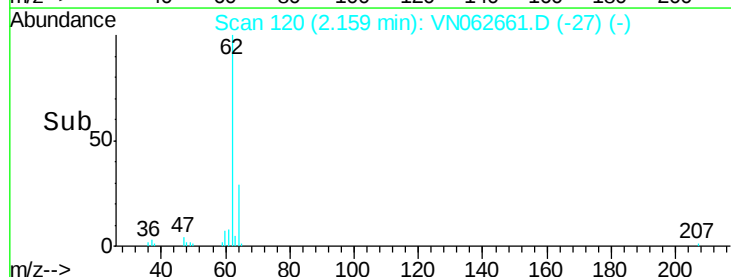
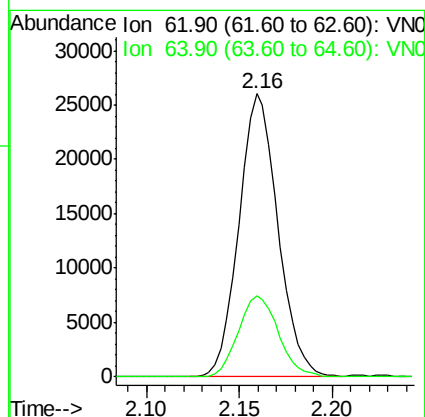
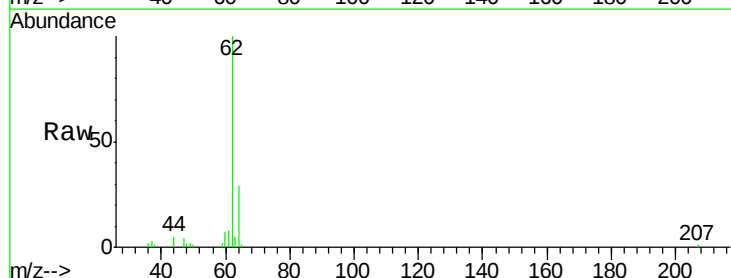
Acq: 30 Jul 2020 10:57

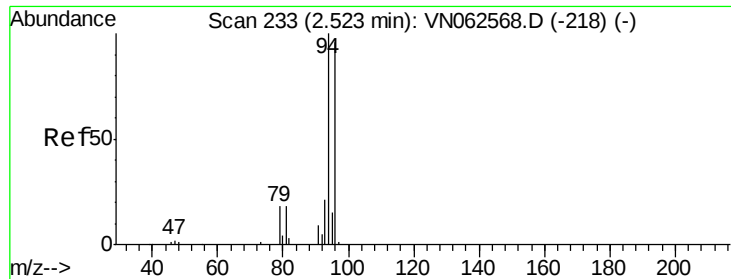
Tgt Ion: 62 Resp: 37947

Ion Ratio Lower Upper

62 100

64 28.6 25.8 38.8





#5

Bromomethane

Concen: 19.693 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tot Ion: 94 Resp: 20718

Ion Ratio Lower Upper

94 100

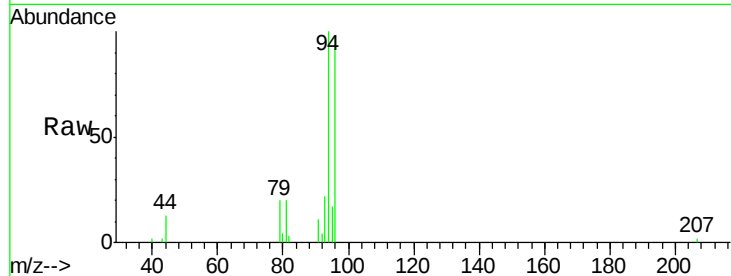
96 96.5 76.6 114.8

Manual Integrations

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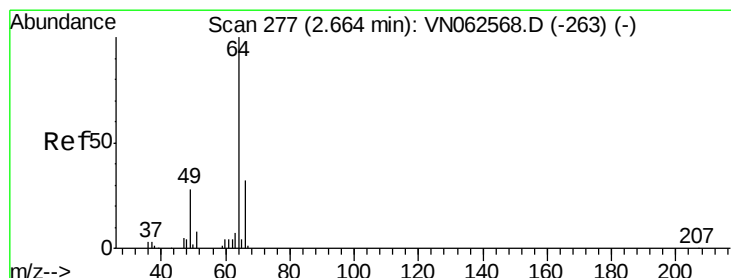
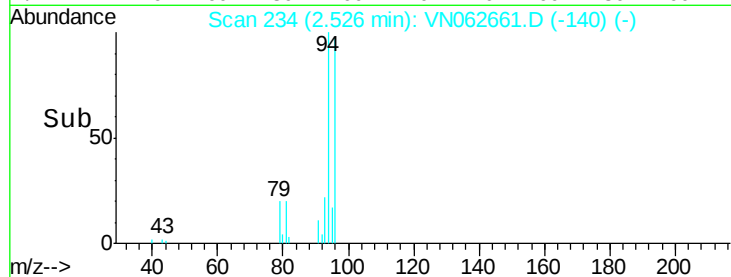
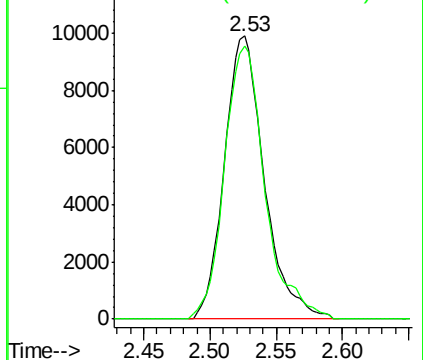
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.429 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062661.D

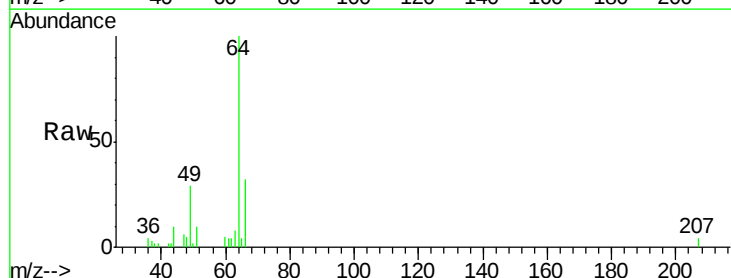
Acq: 30 Jul 2020 10:57

Tgt Ion: 64 Resp: 19801

Ion Ratio Lower Upper

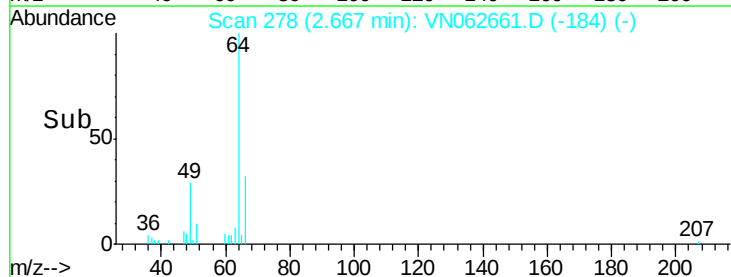
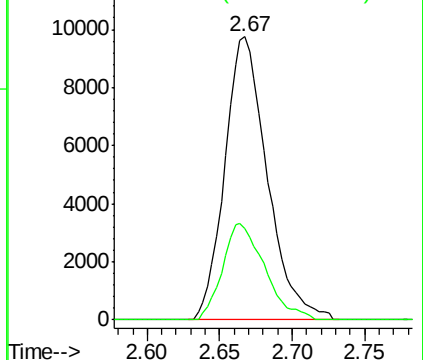
64 100

66 32.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

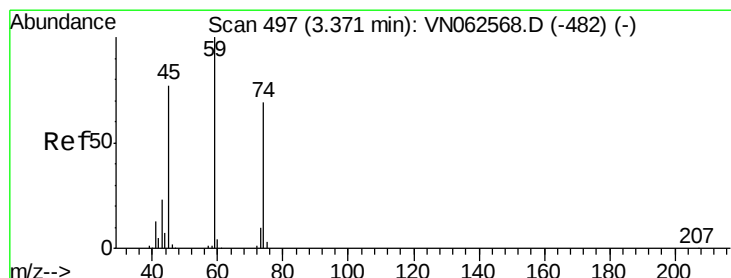
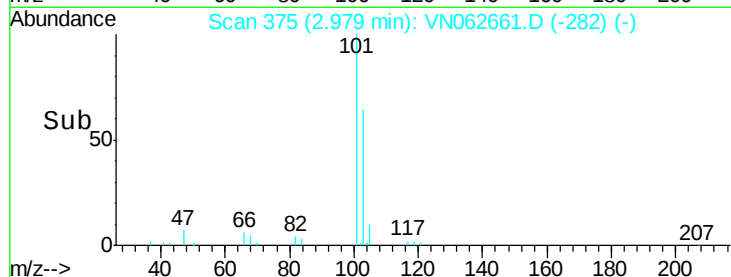
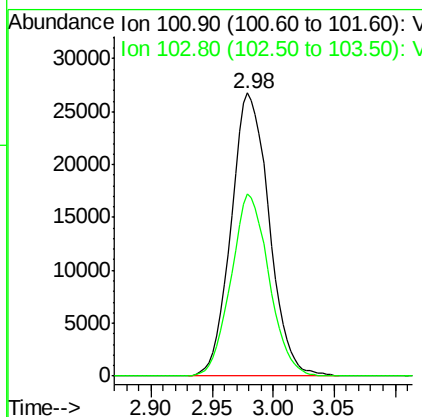
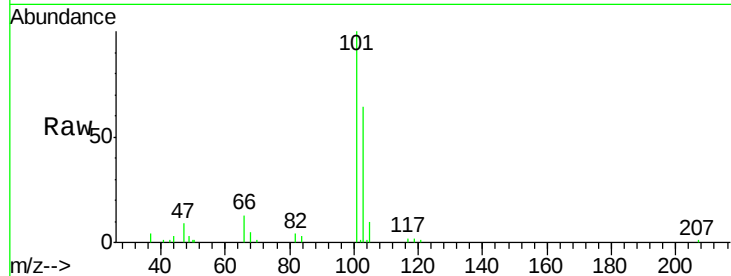
Trichlorofluoromethane
 Concen: 20.743 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062661.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		57849		
103	64.3	51.5	77.3		

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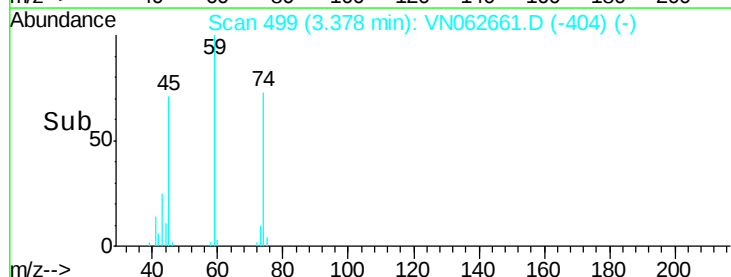
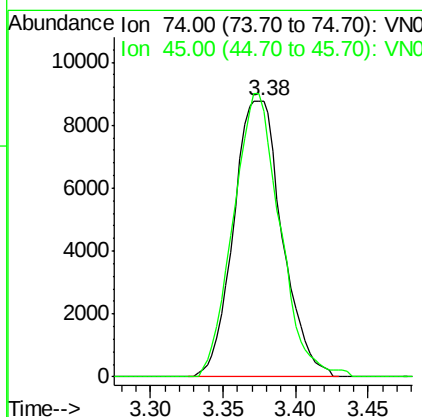
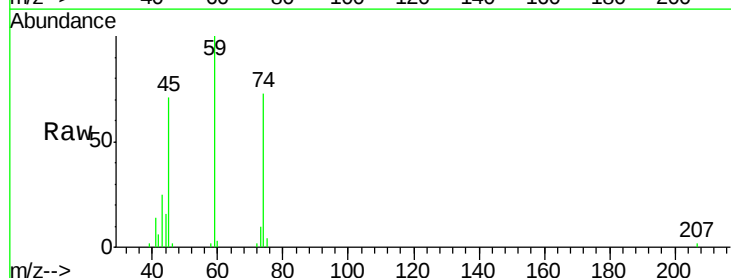
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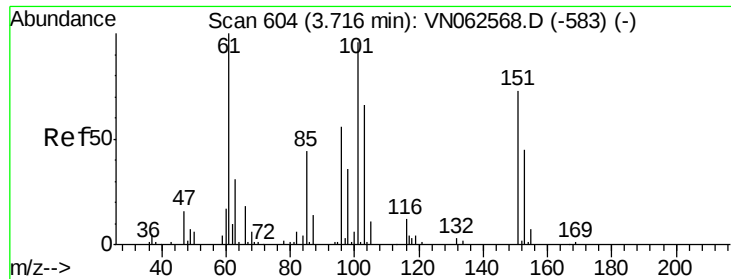


#8

Diethyl Ether
 Concen: 15.668 ug/l
 RT: 3.38 min Scan# 499
 Delta R.T. 0.01 min
 Lab File: VN062661.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		20433		
45	98.1	55.3	165.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.167 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

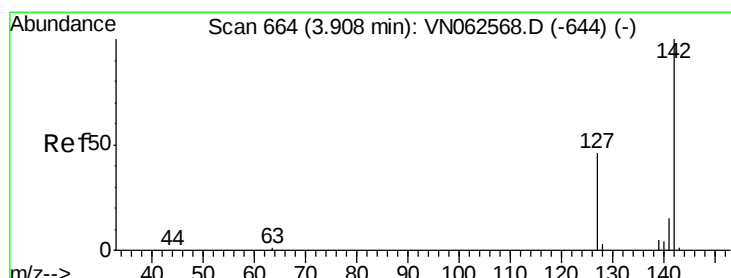
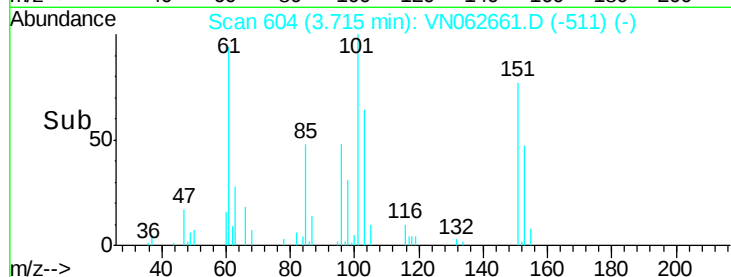
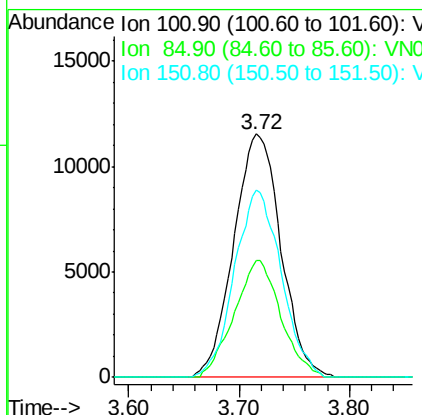
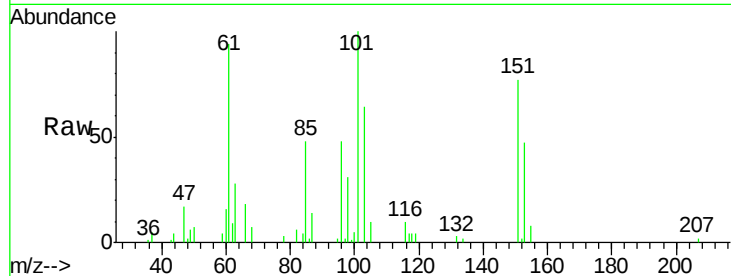
ClientSampled :

VN0730WBS01

Tot Ion:	101	Resp:	34271
Ion Ratio	Lower	Upper	
101	100		
85	47.2	36.0	54.0
151	76.0	60.0	90.0

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#10

Methyl Iodide

Concen: 17.102 ug/l

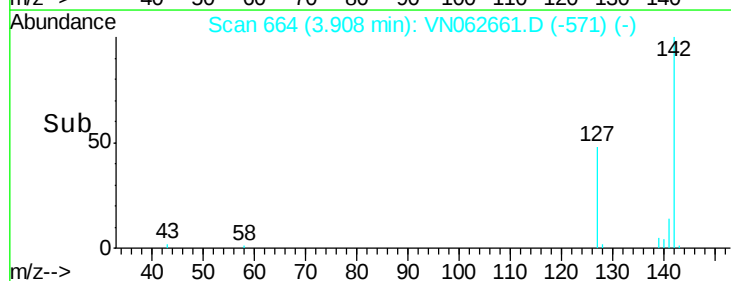
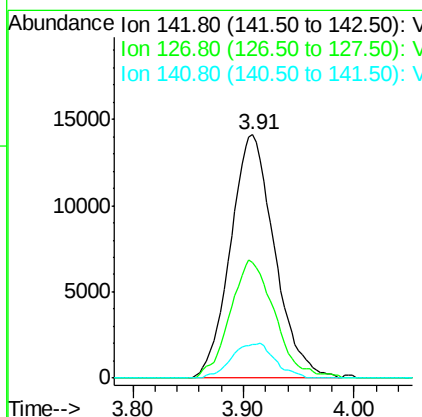
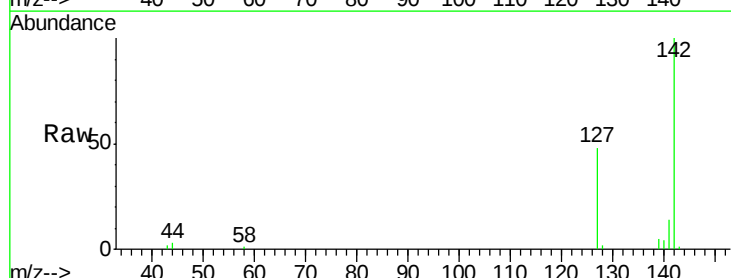
RT: 3.91 min Scan# 664

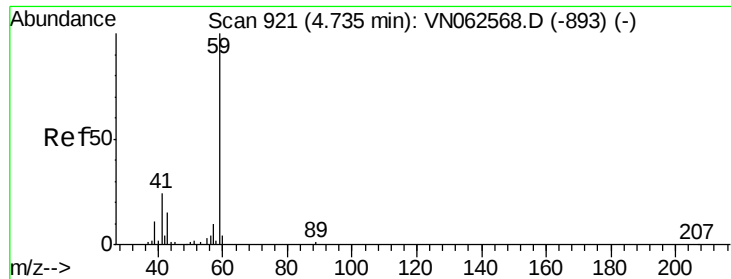
Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Tgt Ion:	142	Resp:	39093
Ion Ratio	Lower	Upper	
142	100		
127	48.6	37.4	56.0
141	14.1	11.9	17.9





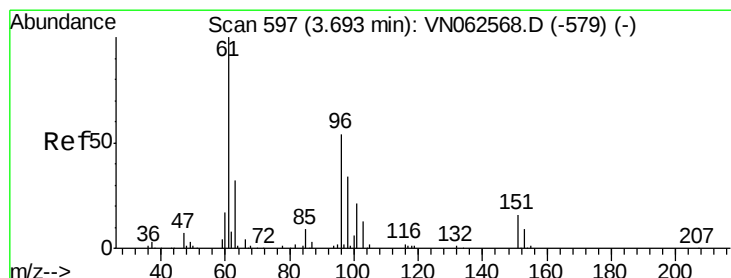
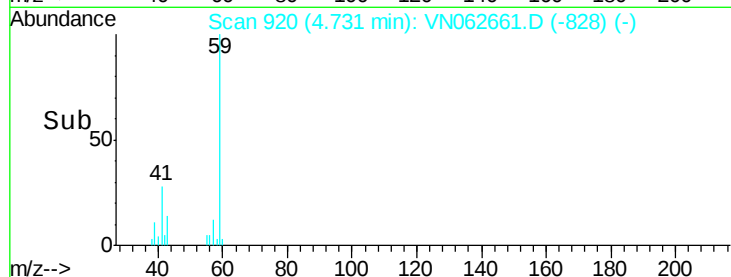
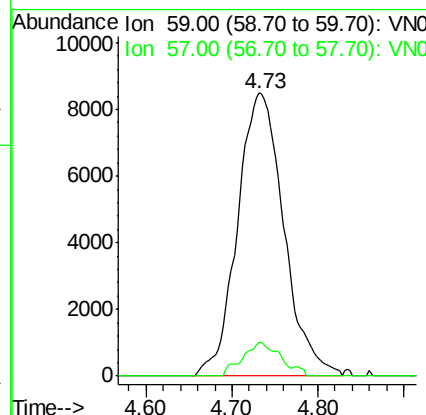
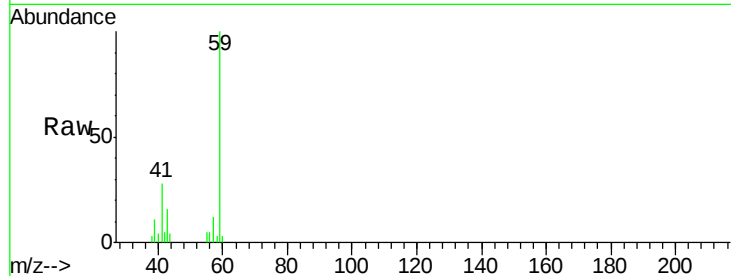
#11
Tert butyl alcohol
Concen: 75.873 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	31755		
57	9.2		8.2	12.2

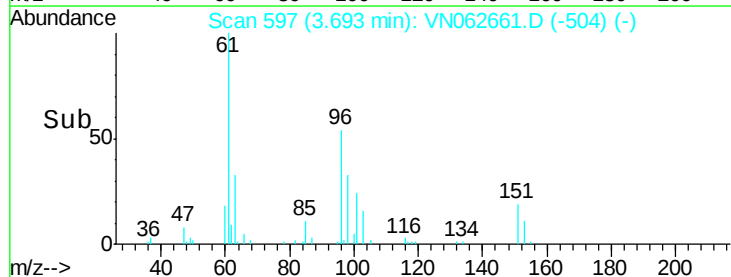
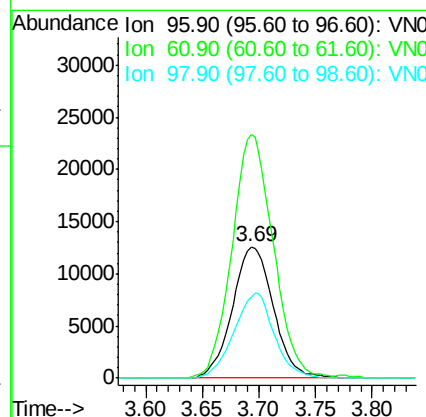
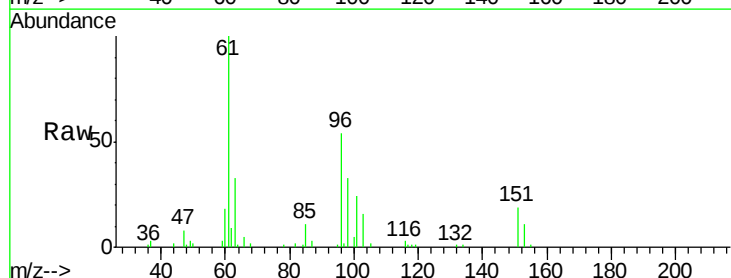
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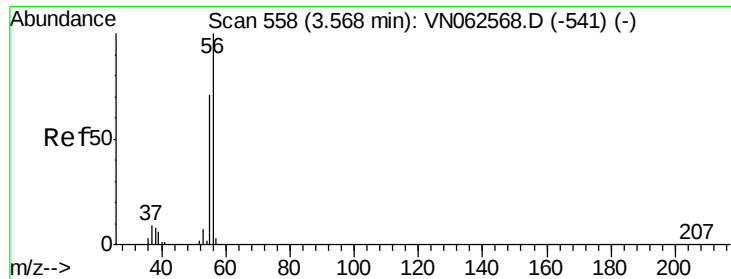
MMDadoda
7/31/2020 11:56:47 AM



#12
1,1-Dichloroethene
Concen: 17.492 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	31720		
61	183.6		148.6	222.8
98	62.0		50.6	75.8





#13

Acrolein

Concen: 51.394 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tot Ion: 56 Resp: 19405

Ion Ratio Lower Upper

56 100

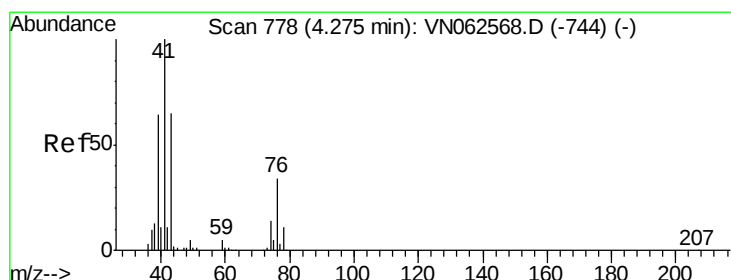
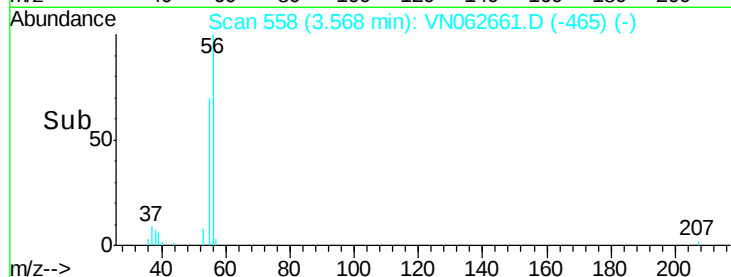
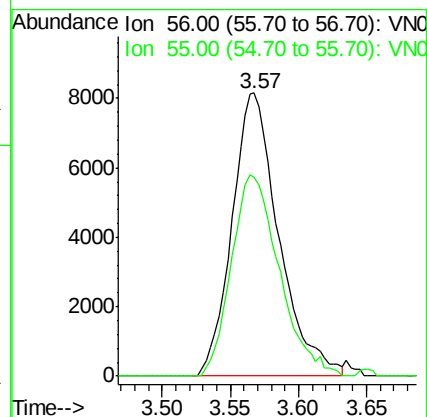
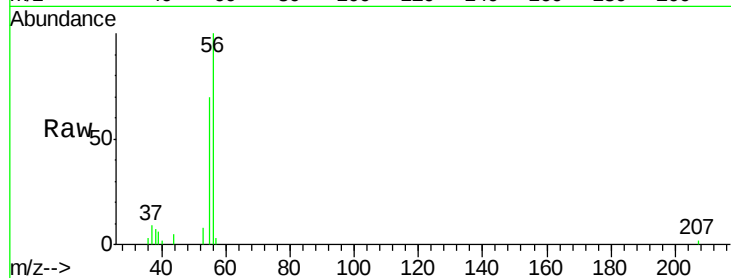
55 72.9 57.0 85.4

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#14

Allyl chloride

Concen: 16.126 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

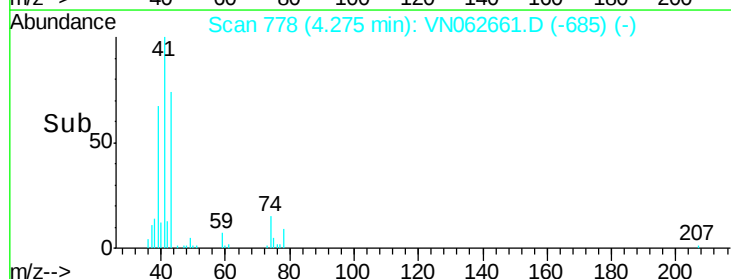
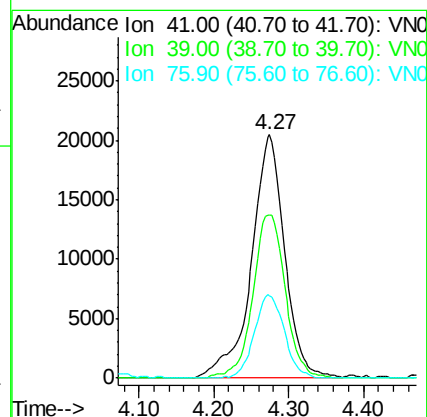
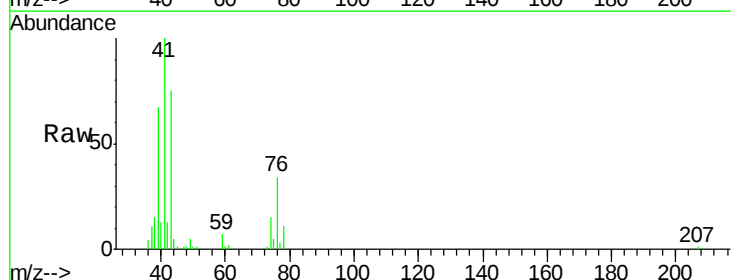
Tgt Ion: 41 Resp: 63257

Ion Ratio Lower Upper

41 100

39 65.3 49.0 73.4

76 30.9 24.0 36.0





#15

Acrylonitrile

Concen: 85.148 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

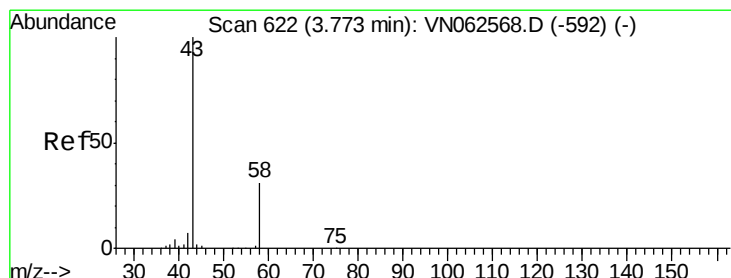
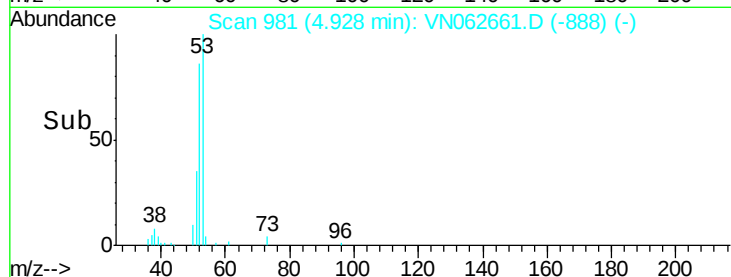
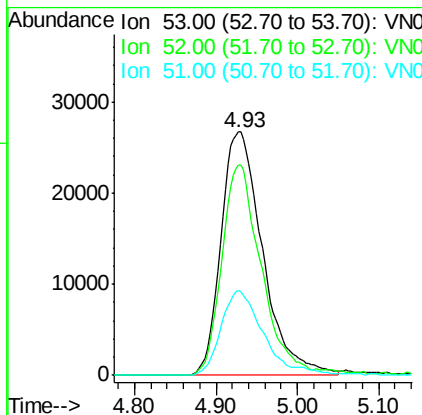
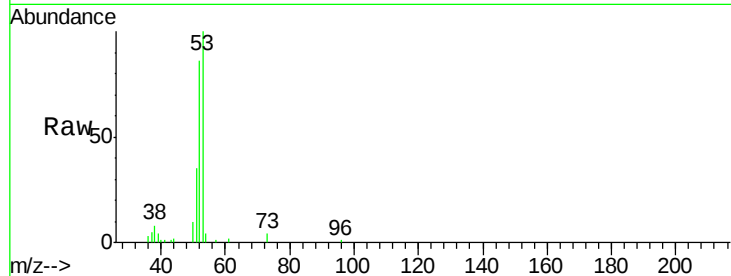
ClientSampleId :

VN0730WBS01

Tot Ion:	53	Resp:	95452
Ion Ratio	Lower	Upper	
53	100		
52	81.5	66.3	99.5
51	33.5	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 86.777 ug/l

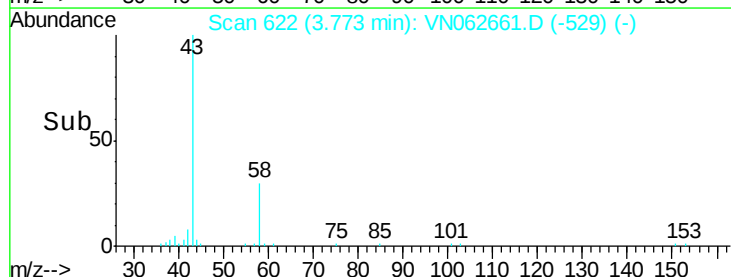
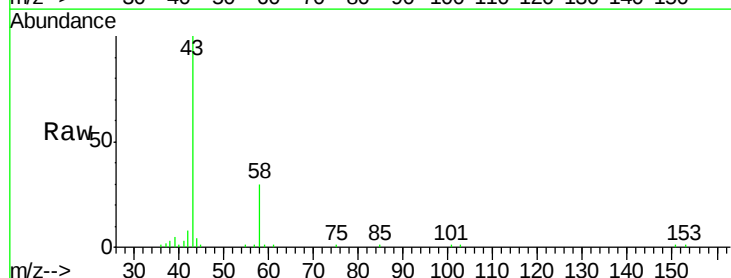
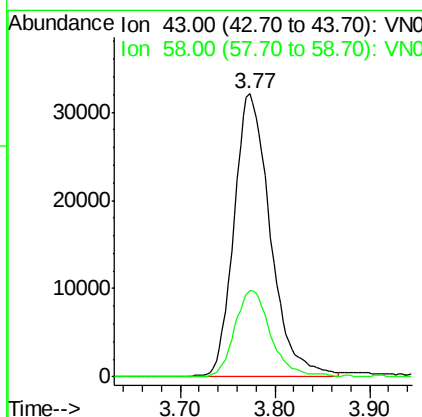
RT: 3.77 min Scan# 622

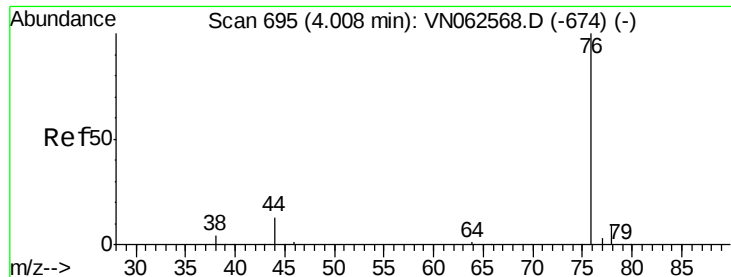
Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Tgt Ion:	43	Resp:	85912
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.6	37.0





#17

Carbon Disulfide

Concen: 15.945 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Tot Ion: 76 Resp: 95005

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

Instrument :

MSVOA_N

ClientSampleId :

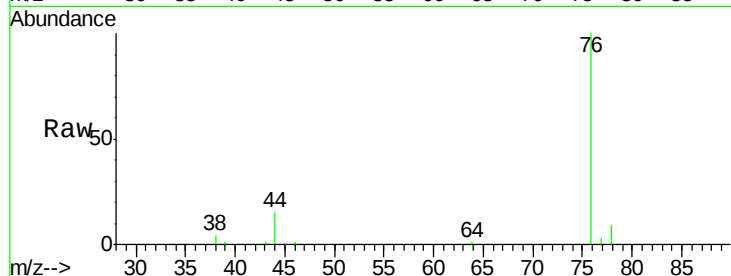
VN0730WBS01

Manual Integrations

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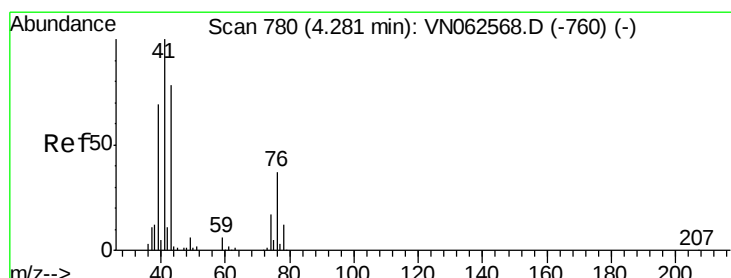
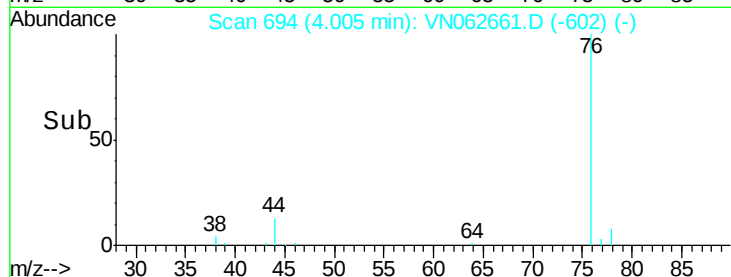
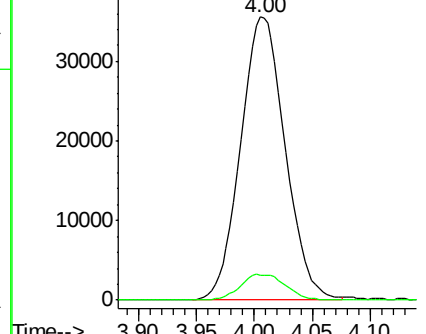
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.365 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062661.D

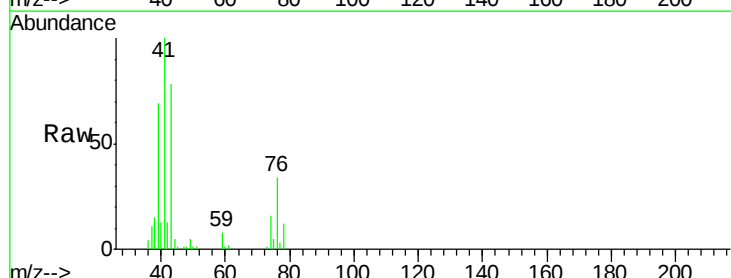
Acq: 30 Jul 2020 10:57

Tgt Ion: 43 Resp: 46030

Ion Ratio Lower Upper

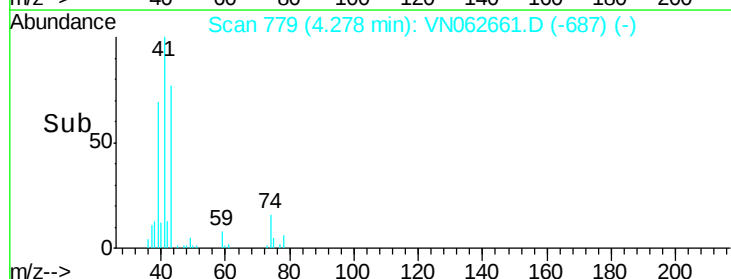
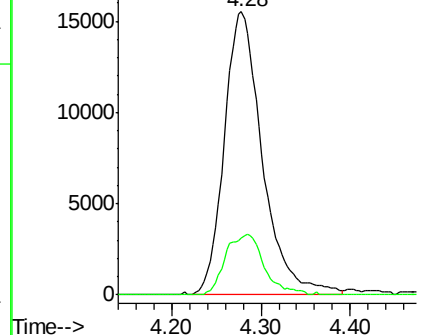
43 100

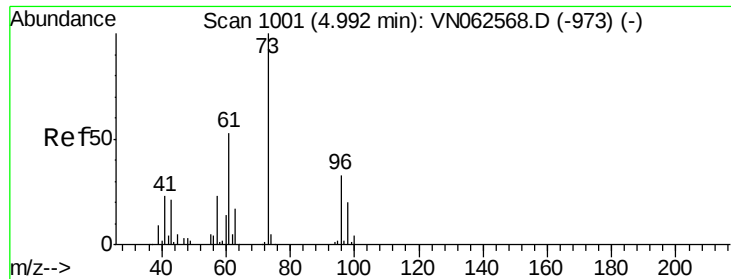
74 21.5 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





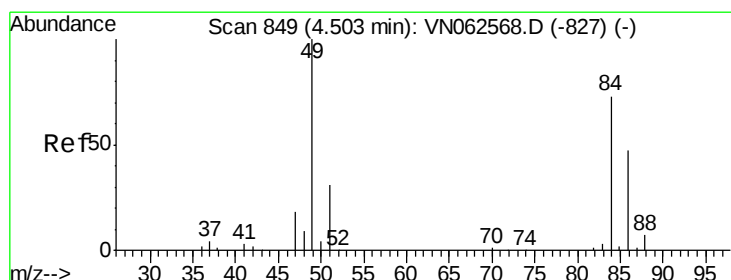
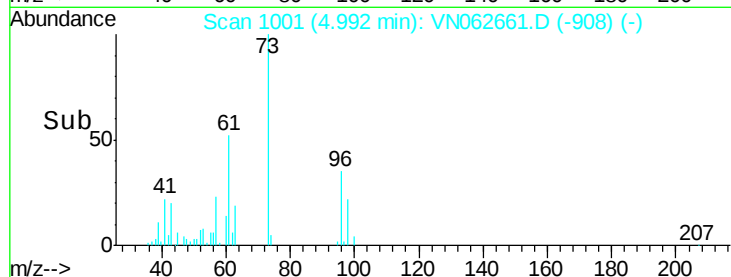
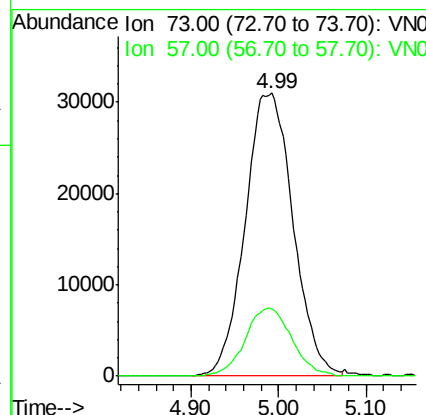
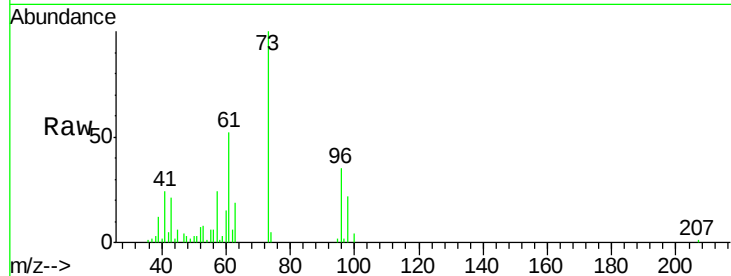
#19
Methyl tert-butyl Ether
Concen: 17.669 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion: 73 Resp: 117931
Ion Ratio Lower Upper
73 100
57 23.8 18.6 27.8

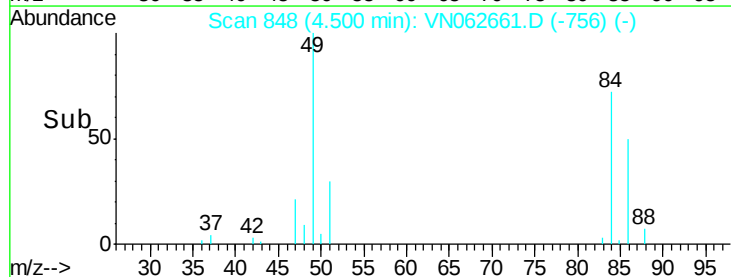
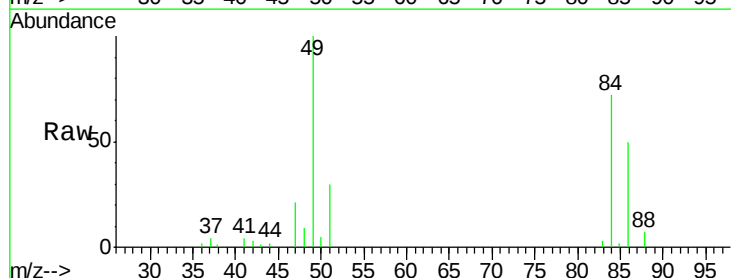
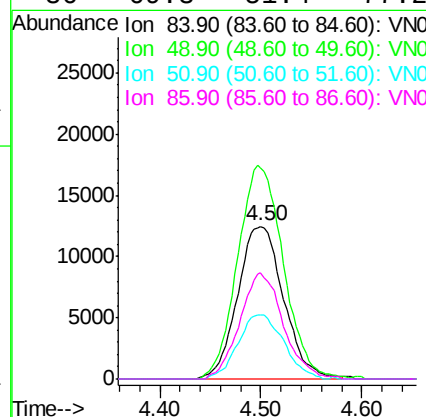
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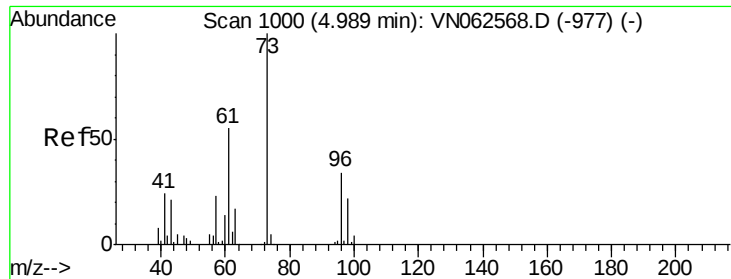
MMDadoda
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#20
Methylene Chloride
Concen: 16.598 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion: 84 Resp: 39413
Ion Ratio Lower Upper
84 100
49 138.7 109.4 164.0
51 42.3 33.6 50.4
86 69.3 51.4 77.2





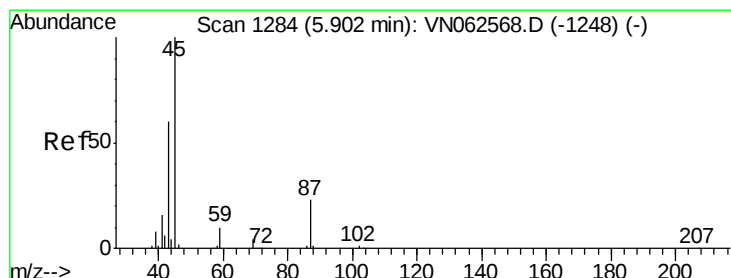
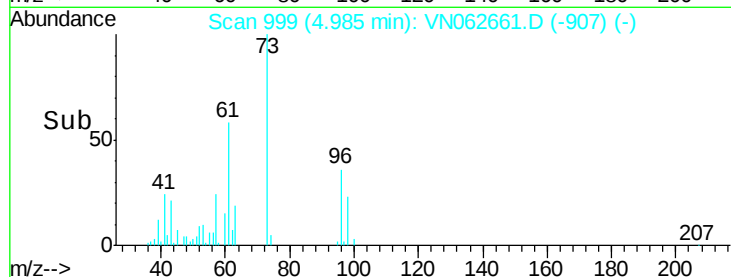
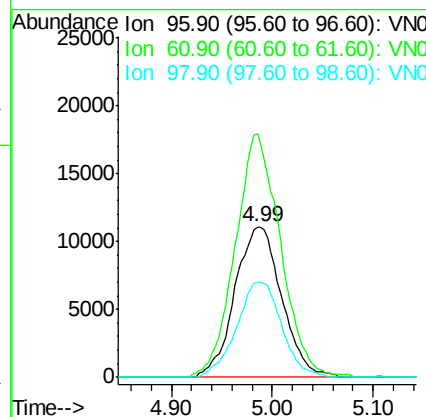
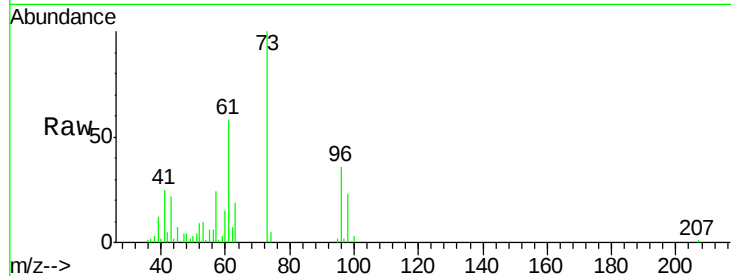
#21
trans-1,2-Dichloroethene
Concen: 17.730 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.3	128.6	192.8
98	63.2	50.6	76.0

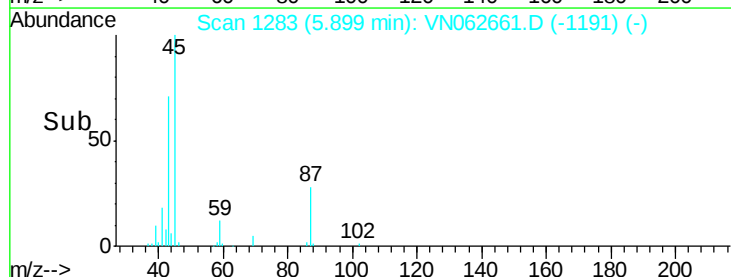
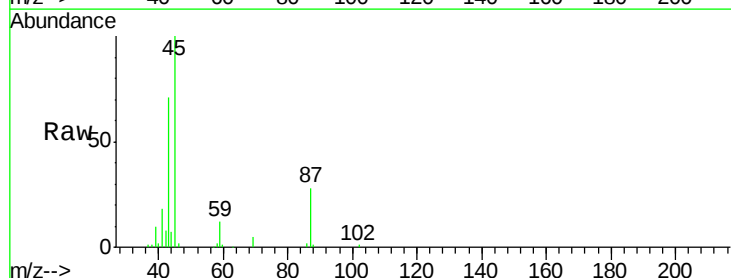
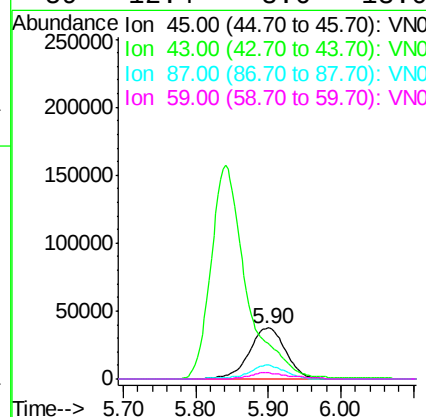
Manual Integrations
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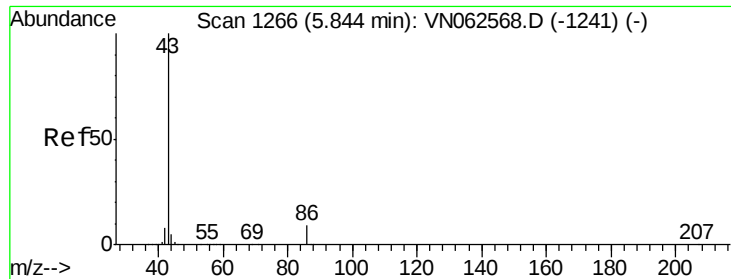
MMDadoda
7/31/2020 11:56:47 AM



#22
Diisopropyl ether
Concen: 16.944 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.7	48.7	73.1
87	28.2	19.0	28.6
59	12.4	8.6	13.0





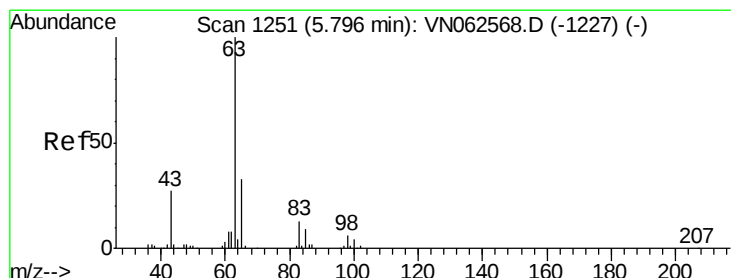
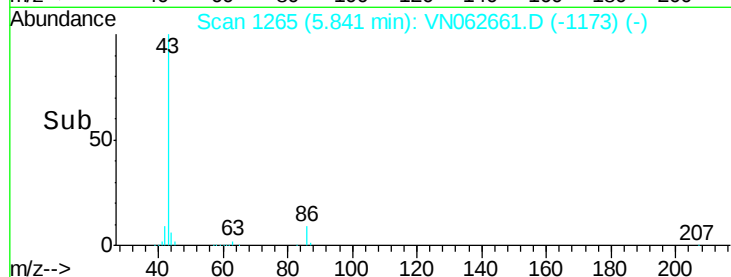
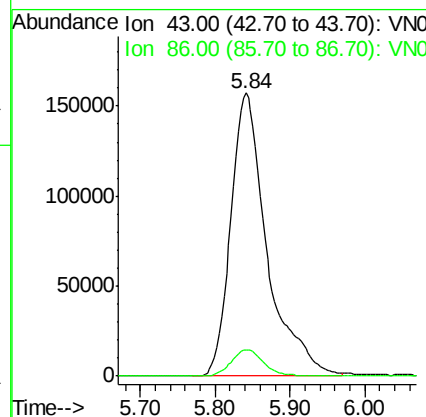
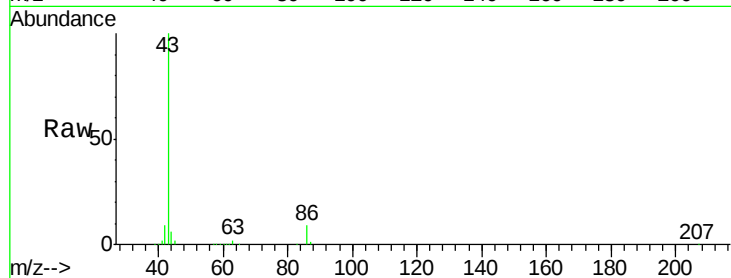
#23
 Vinyl Acetate
 Concen: 82.776 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Tot Ion	43	Resp	528840
Ion Ratio	100	Lower	Upper
43	100		
86	9.3	6.9	10.3

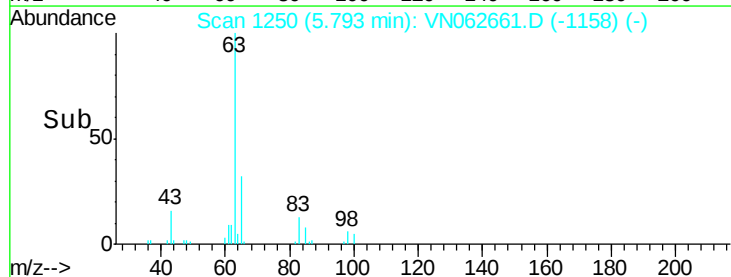
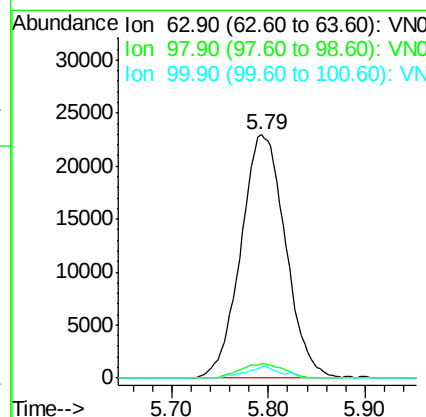
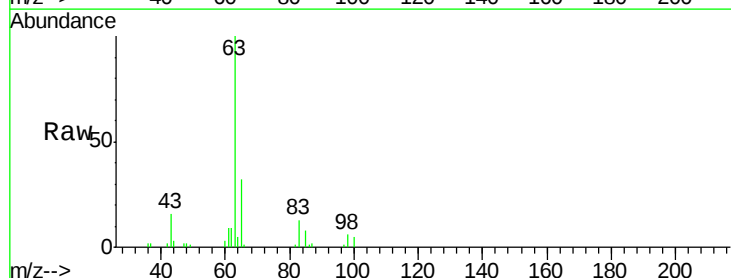
Manual Integrations
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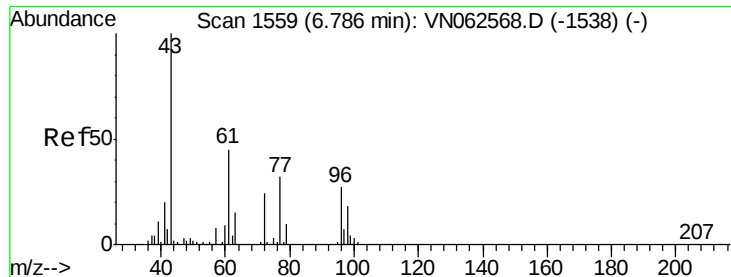
MMDadoda
 7/31/2020 11:56:47 AM



#24
 1,1-Dichloroethane
 Concen: 17.530 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion	63	Resp	73605
Ion Ratio	100	Lower	Upper
63	100		
98	5.7	2.9	8.8
100	4.6	1.8	5.4





#25

2-Butanone

Concen: 82.087 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tot Ion: 43 Resp: 123770

Ion Ratio Lower Upper

43 100

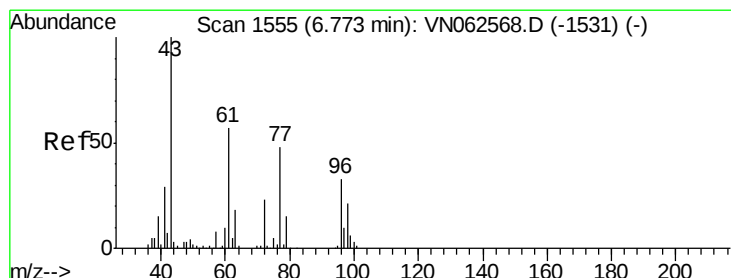
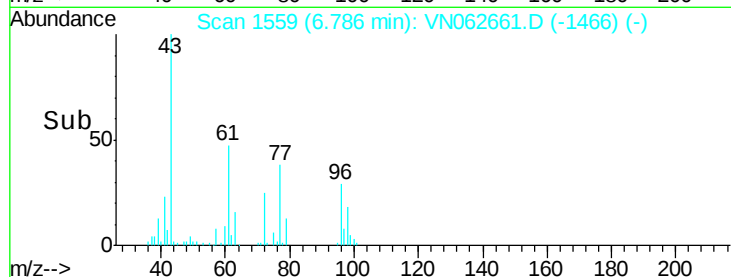
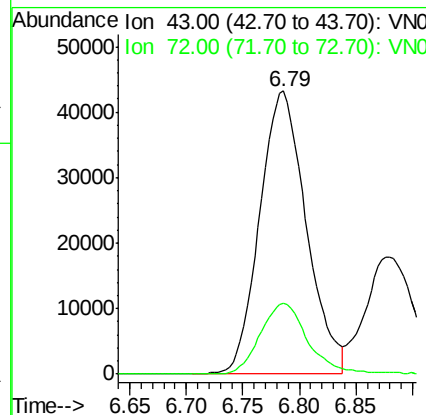
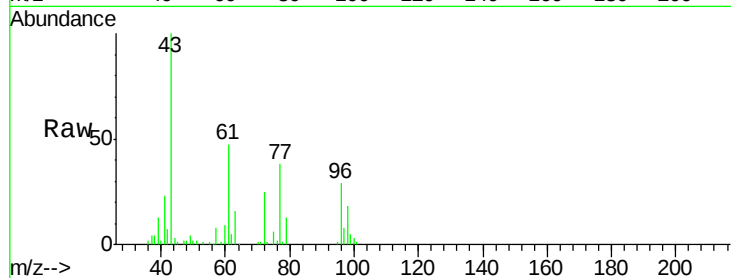
72 25.0 19.0 28.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.023 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062661.D

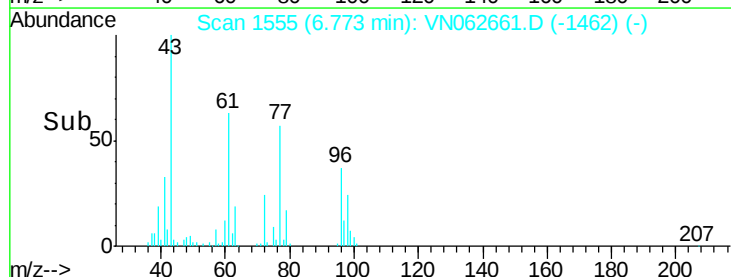
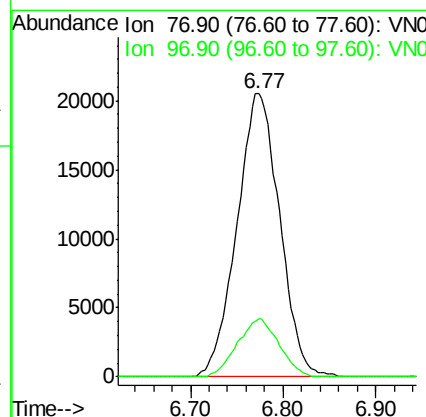
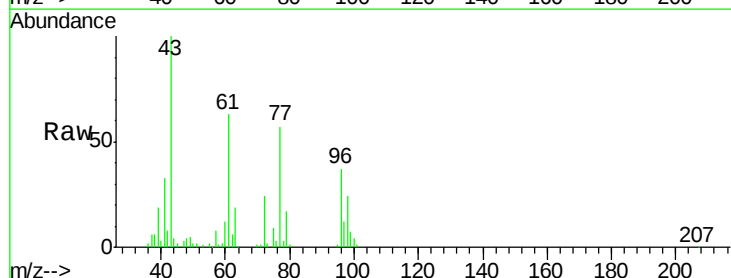
Acq: 30 Jul 2020 10:57

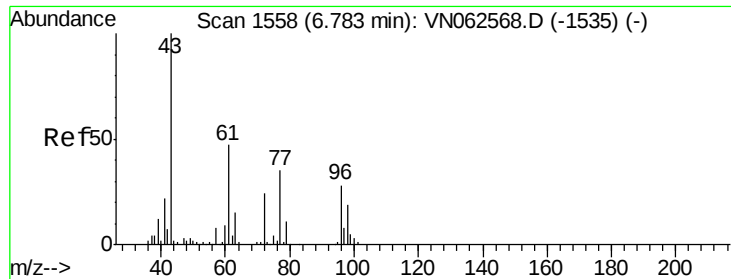
Tgt Ion: 77 Resp: 65569

Ion Ratio Lower Upper

77 100

97 19.9 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 17.375 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062661.D

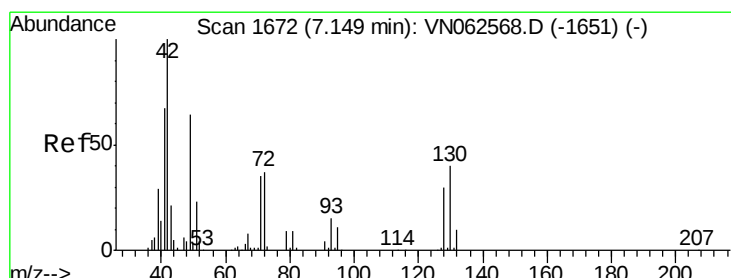
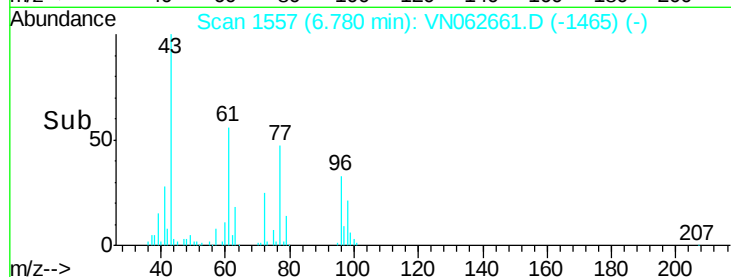
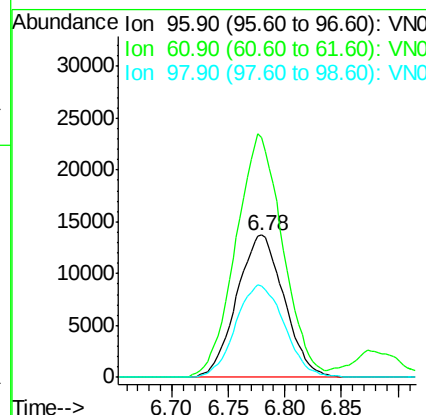
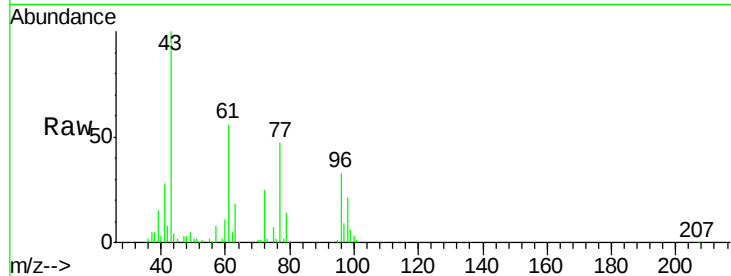
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	39903		
61	169.9	0.0	332.4	
98	66.9	0.0	127.4	

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#28

Bromochloromethane

Concen: 18.855 ug/l

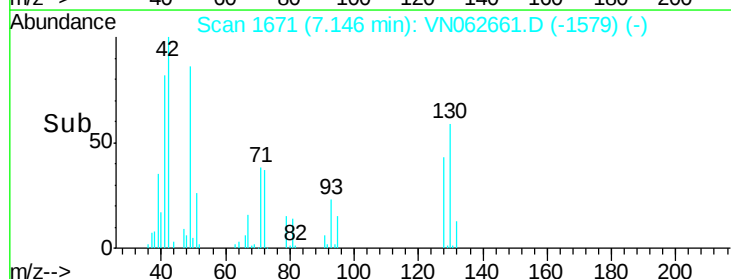
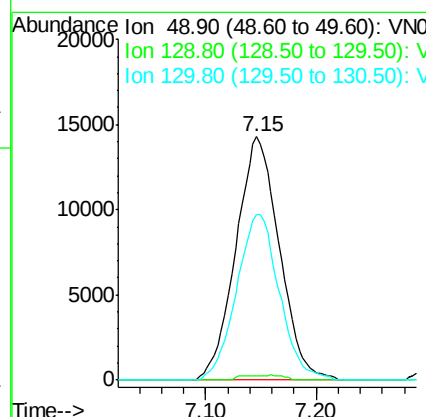
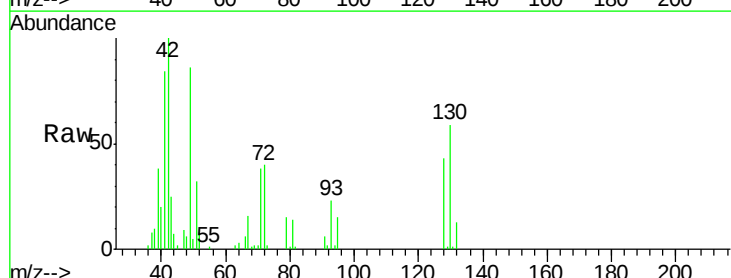
RT: 7.15 min Scan# 1671

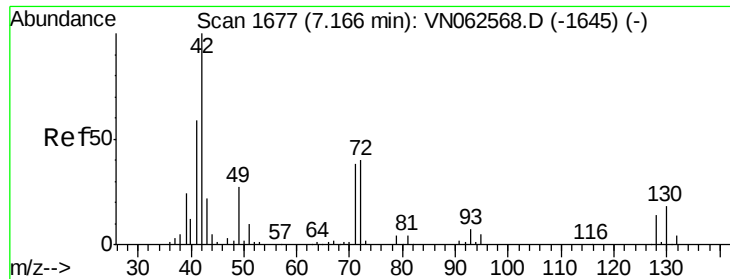
Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	38961		
129	0.8	0.0	3.4	
130	67.2	49.8	74.8	





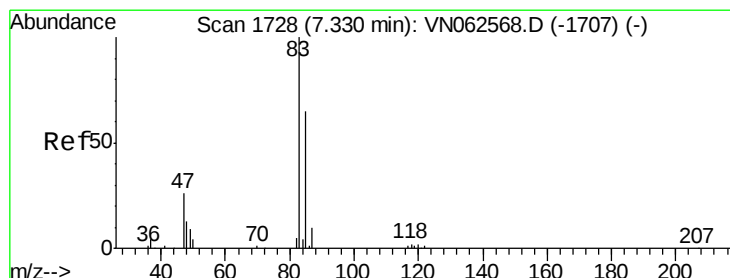
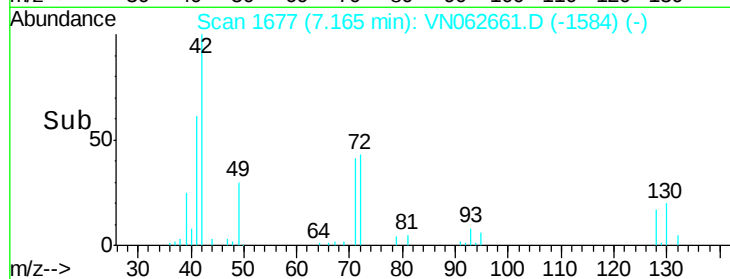
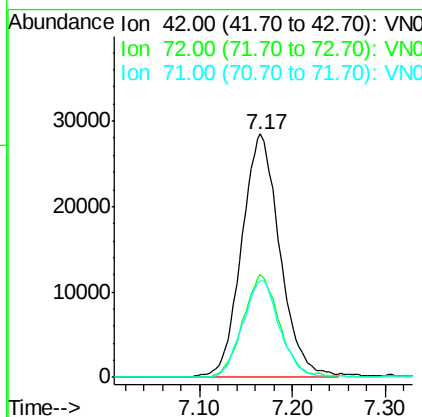
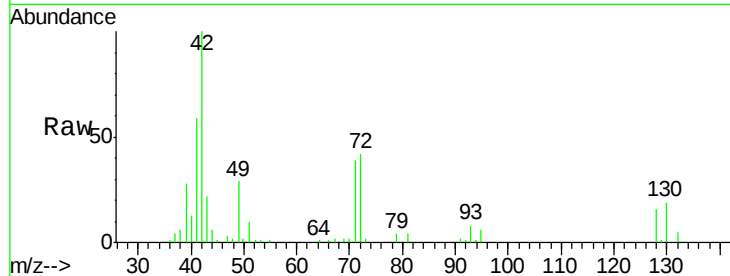
#29
Tetrahydrofuran
Concen: 79.938 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	30.7	46.1
71	38.2	29.1	43.7

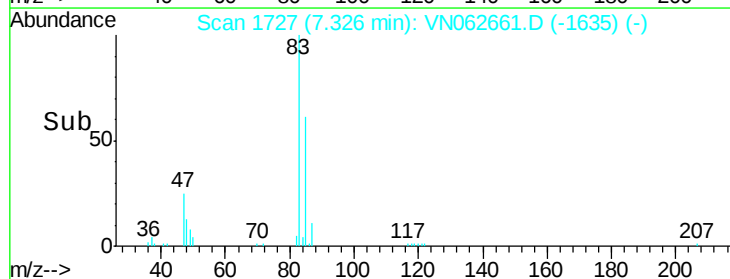
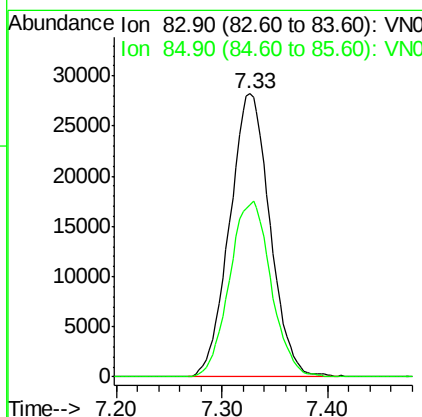
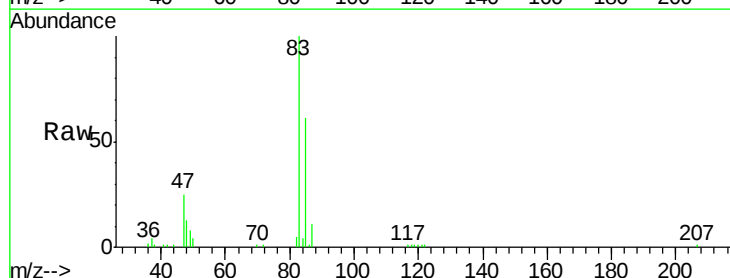
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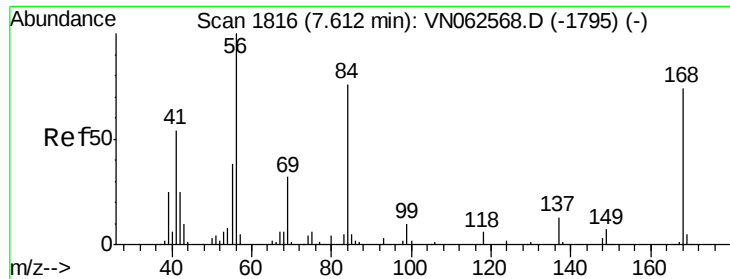
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#30
Chloroform
Concen: 18.746 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.8	52.0	78.0





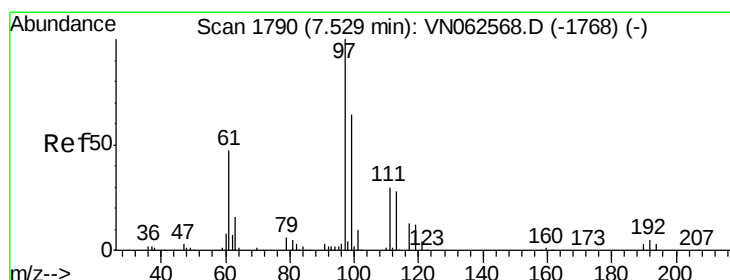
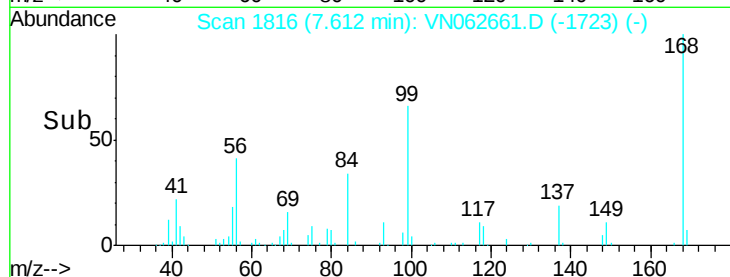
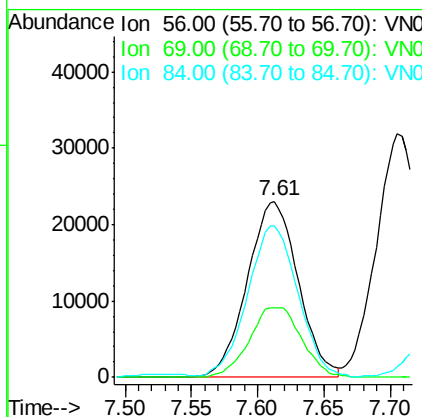
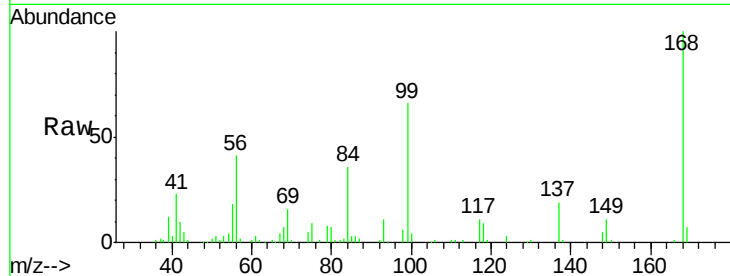
#31
Cyclohexane
Concen: 15.964 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.7	25.3	37.9#
84	85.4	61.0	91.4

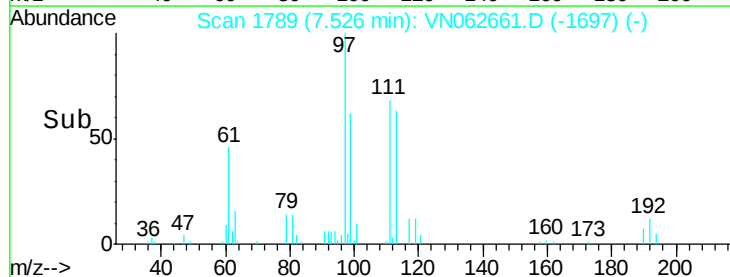
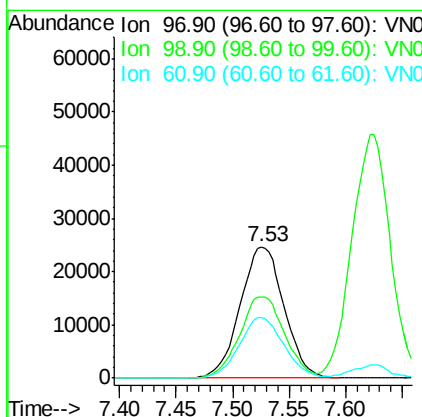
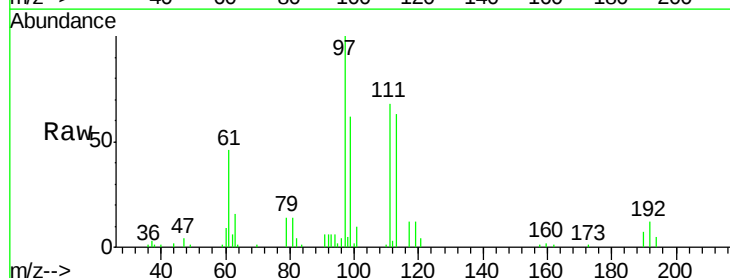
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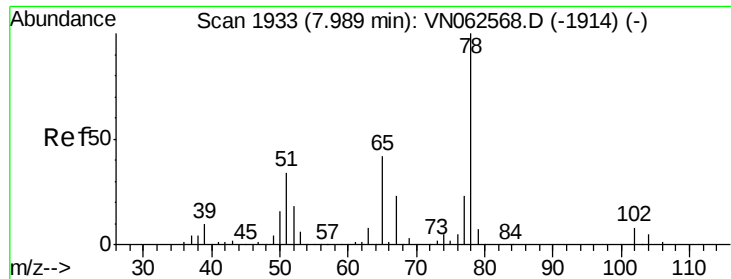
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#32
1,1,1-Trichloroethane
Concen: 19.897 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.2	76.8
61	46.9	38.4	57.6





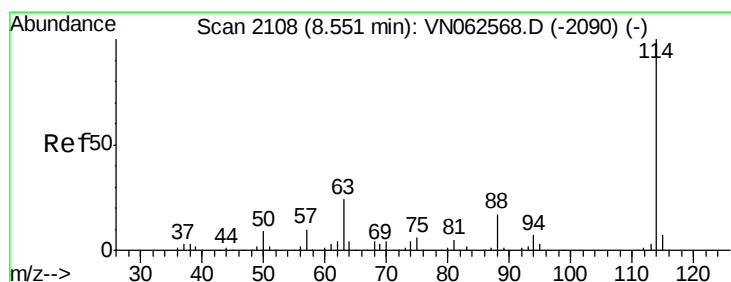
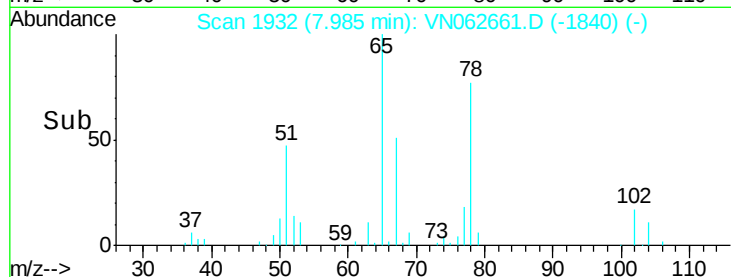
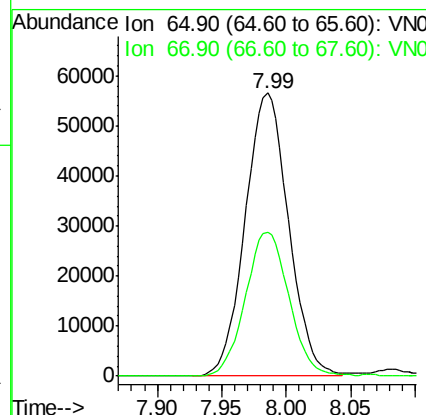
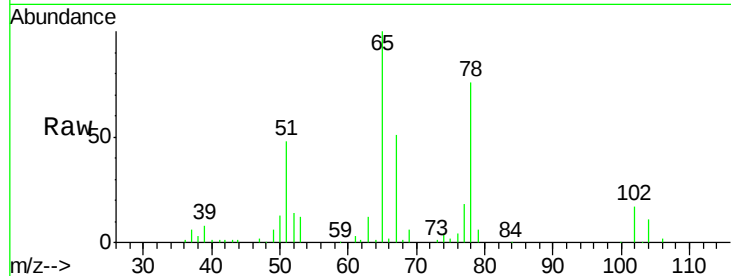
#33
 1,2-Dichloroethane-d4
 Concen: 50.531 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.1	0.0	106.0	

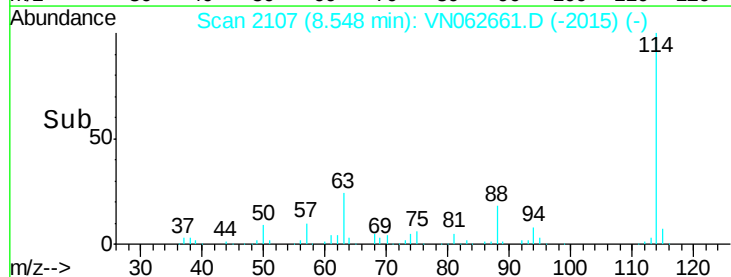
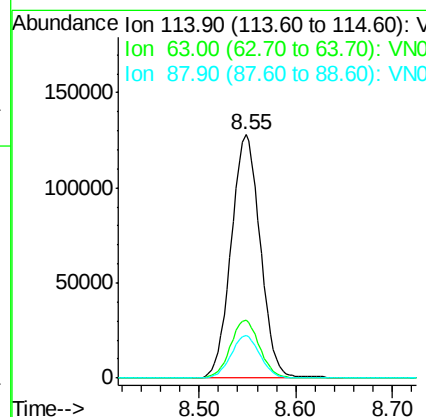
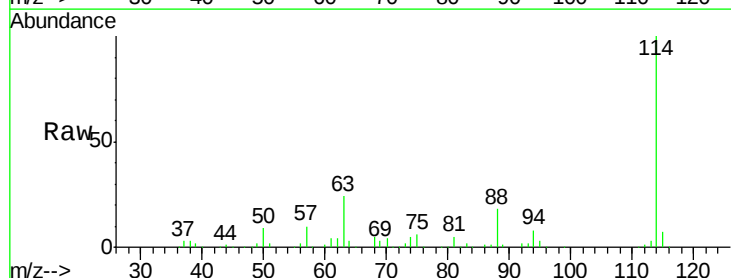
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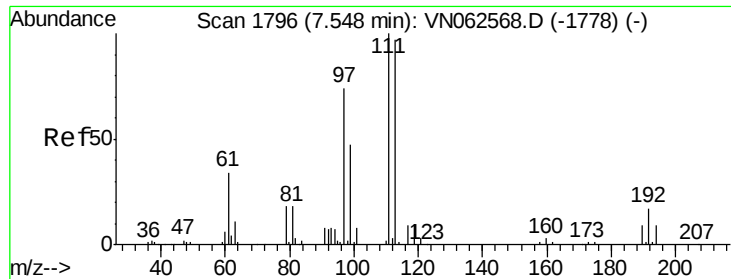
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.9	0.0	48.4	
88	17.5	0.0	33.8	





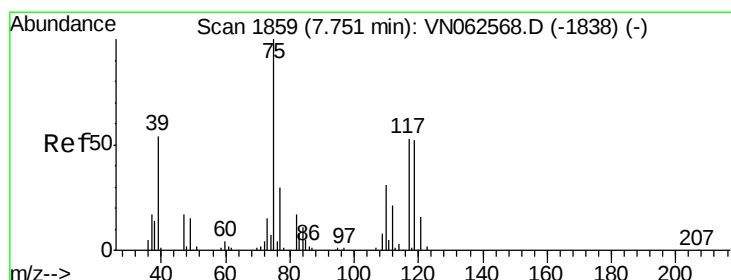
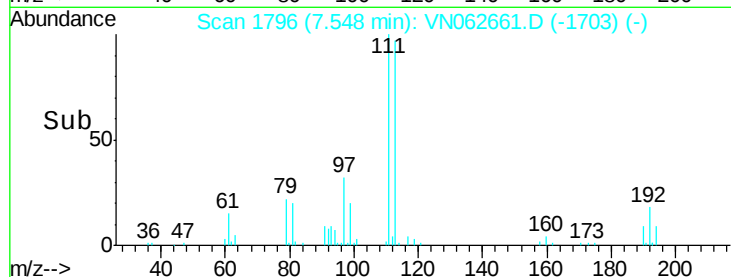
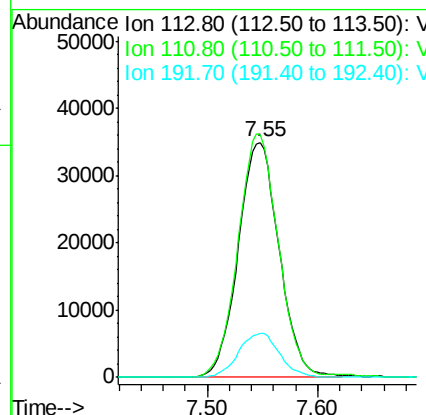
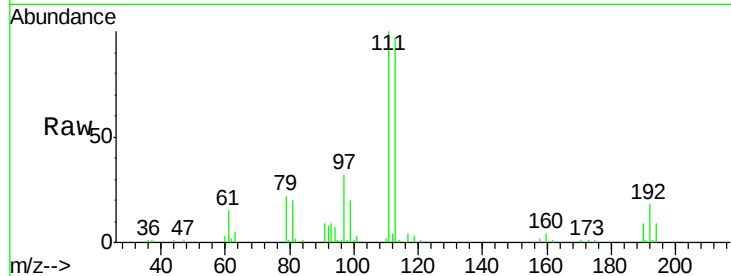
#35
 Dibromofluoromethane
 Concen: 50.871 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.7	124.1
192	18.8	14.8	22.2

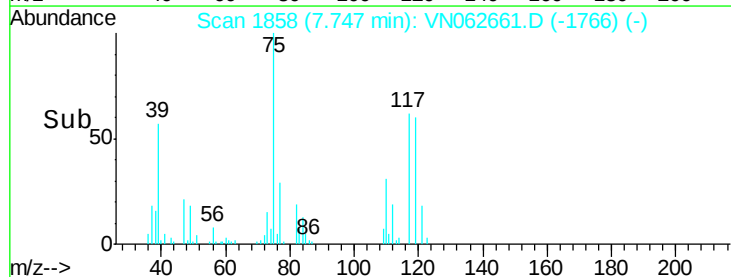
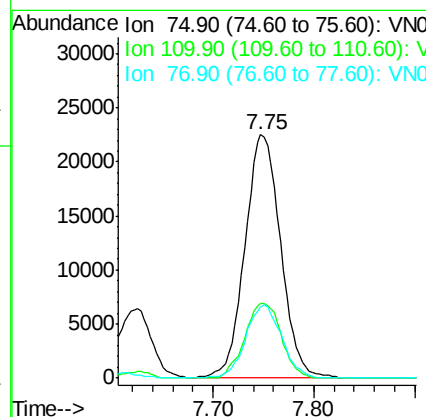
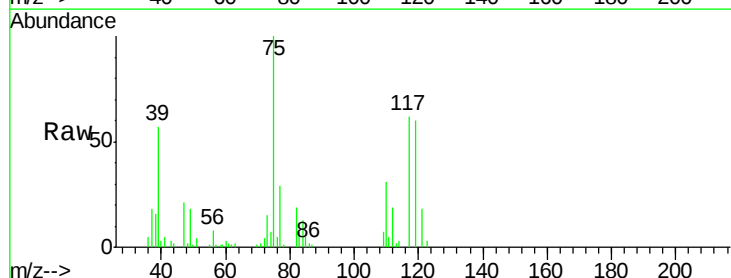
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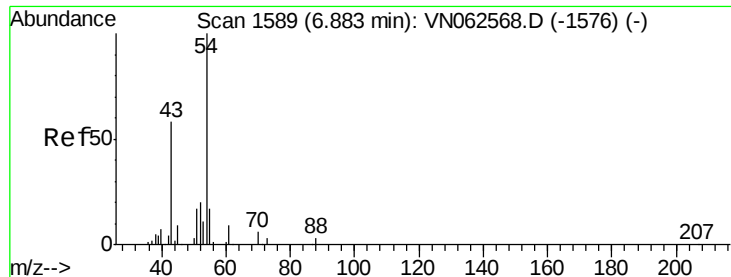
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#36
 1,1-Dichloropropene
 Concen: 19.342 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.3	16.0	48.0
77	30.1	24.6	36.8





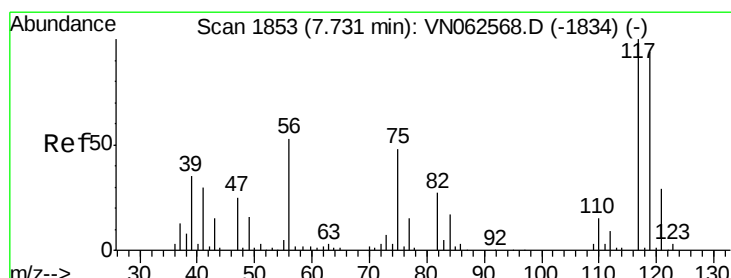
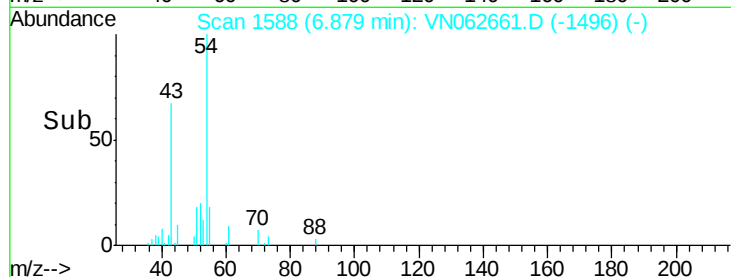
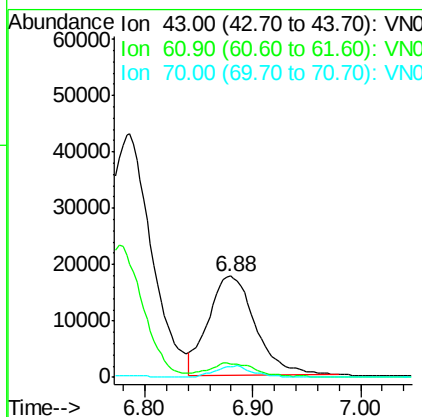
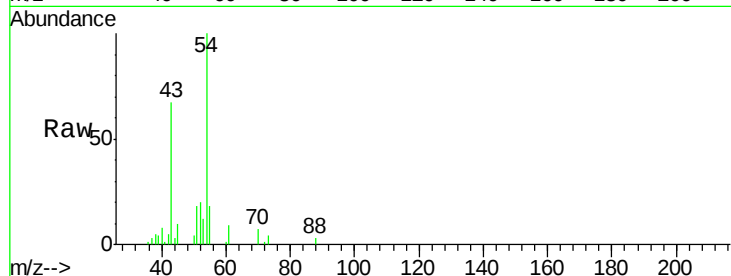
#37
Ethyl Acetate
Concen: 17.548 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampled :
VN0730WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.3	16.9
70	8.9	7.7	11.5

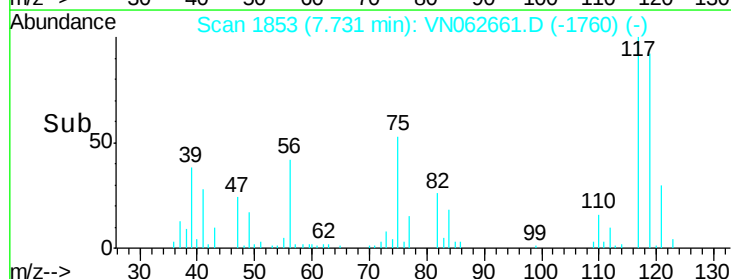
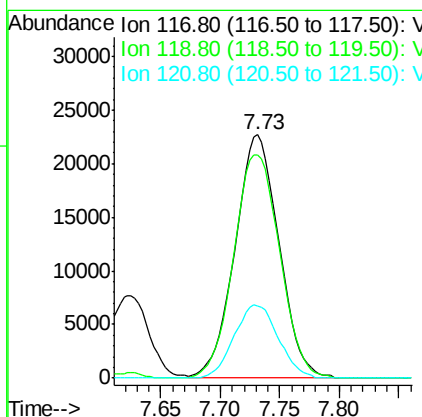
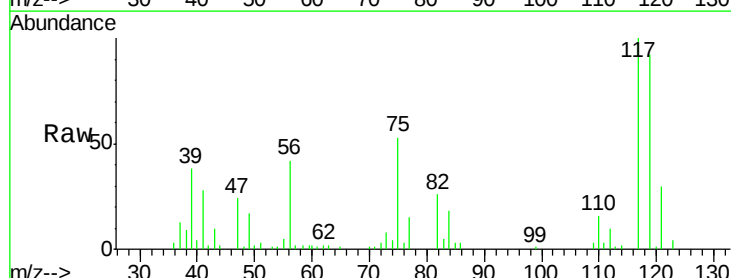
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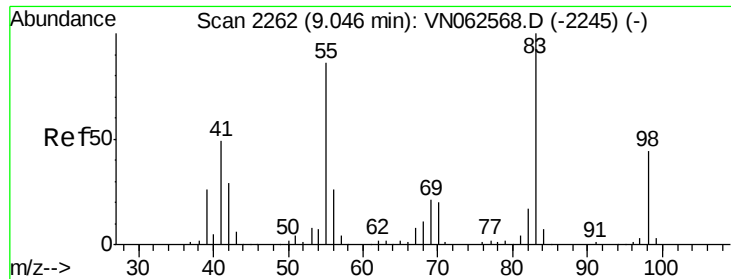
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#38
Carbon Tetrachloride
Concen: 21.134 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	74.8	112.2
121	29.7	23.0	34.6





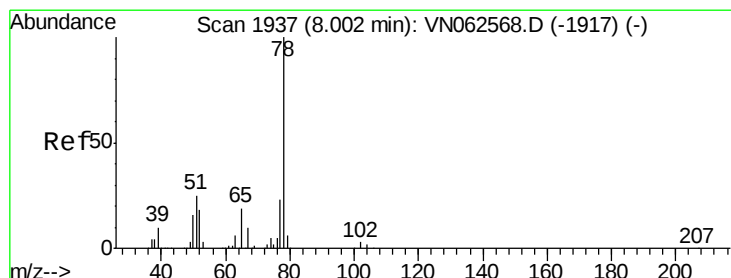
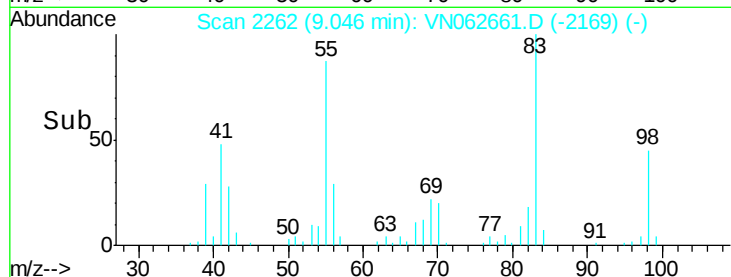
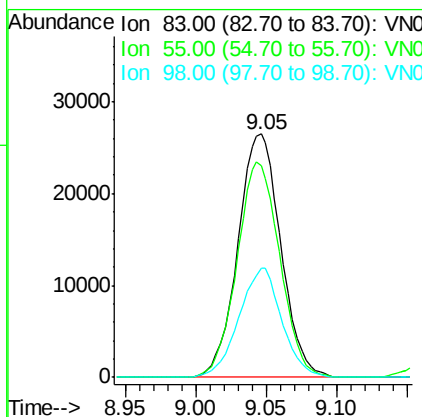
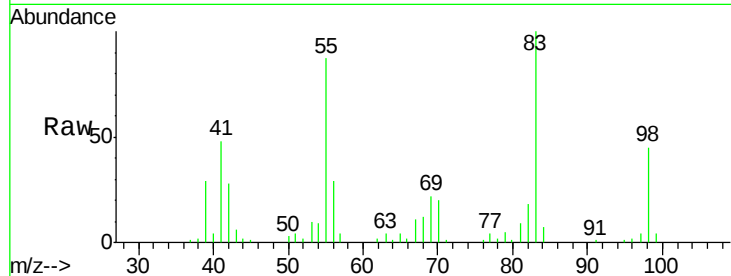
#39
Methvlcvclohexane
Concen: 18.292 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion	83	Resp	56314
Ion Ratio	100	Lower	Upper
83	100		
55	87.0	68.9	103.3
98	44.8	35.1	52.7

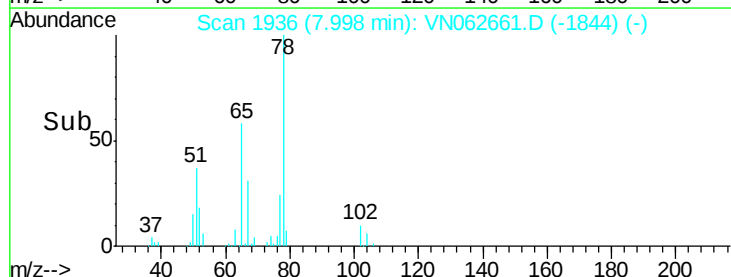
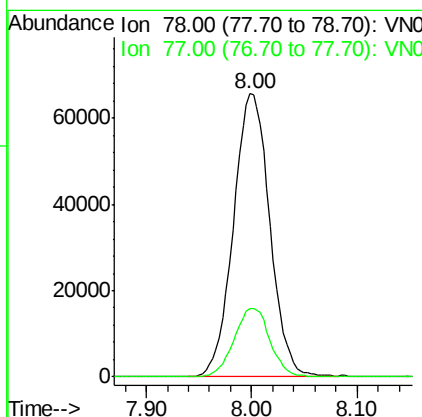
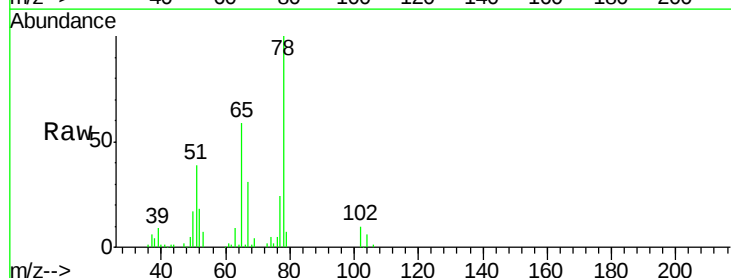
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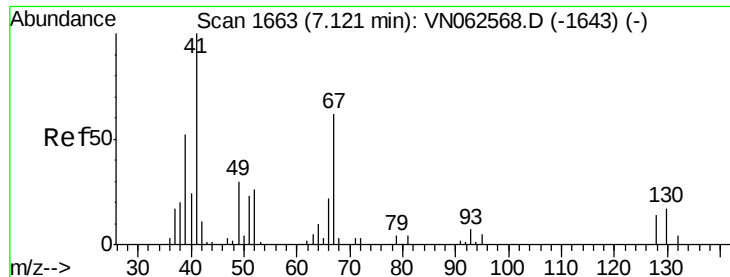
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#40
Benzene
Concen: 18.153 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion	78	Resp	157178
Ion Ratio	100	Lower	Upper
78	100		
77	24.0	18.7	28.1





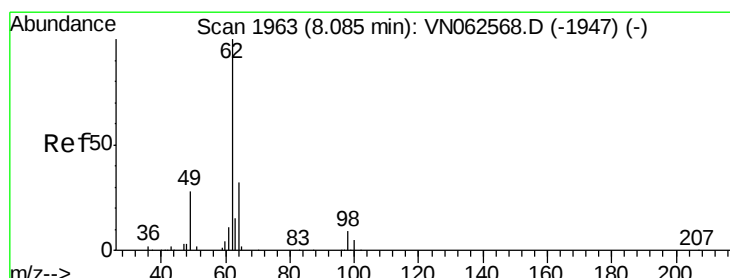
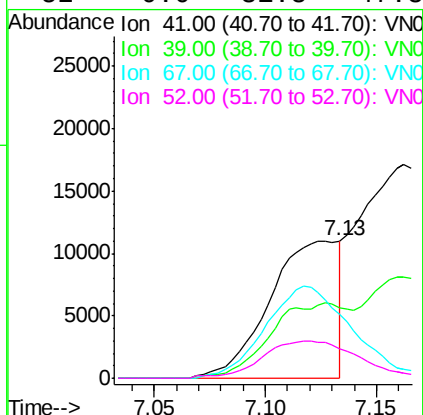
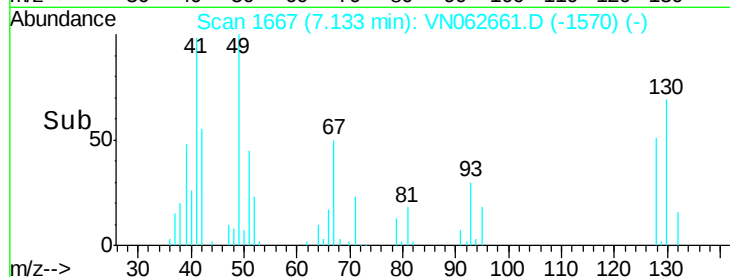
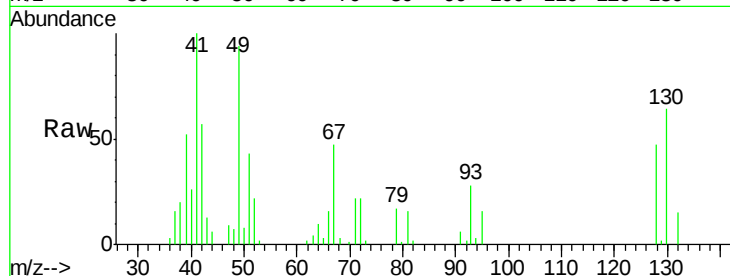
#41
Methacrylonitrile
Concen: 18.130 ug/l m
RT: 7.13 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	83.6	55.8	83.6
67	0.0	72.5	108.7#
52	0.0	31.8	47.8#

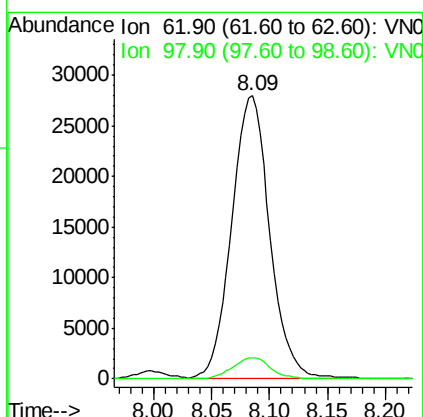
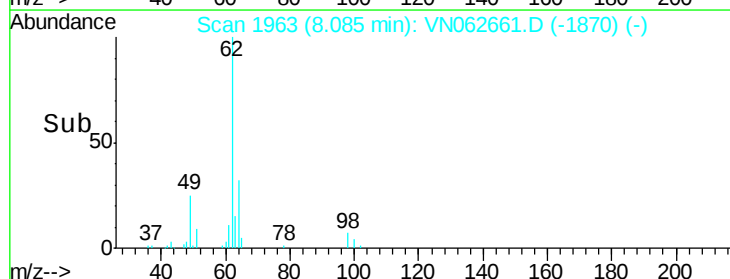
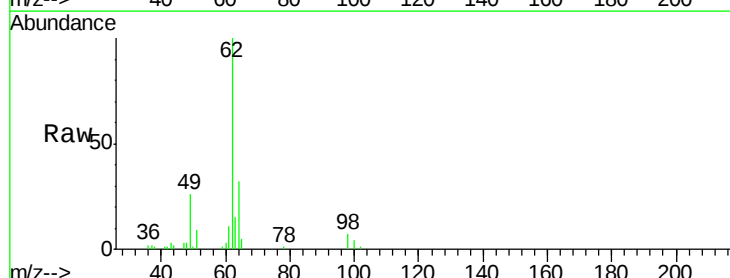
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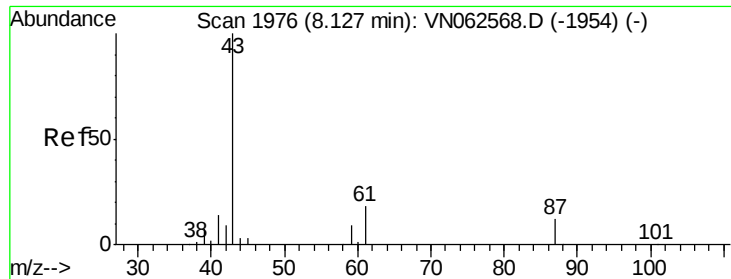
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#42
1,2-Dichloroethane
Concen: 20.206 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	16.2





#43

Isopropyl Acetate

Concen: 17.730 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

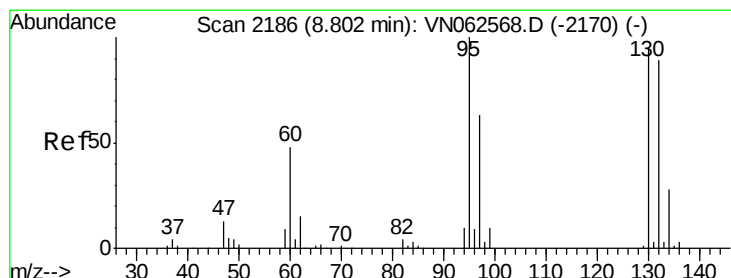
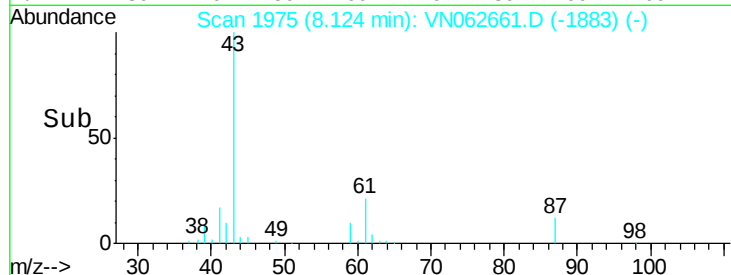
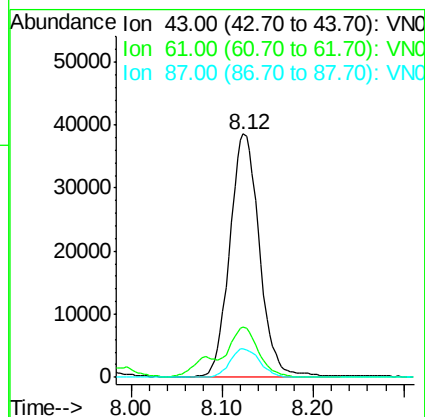
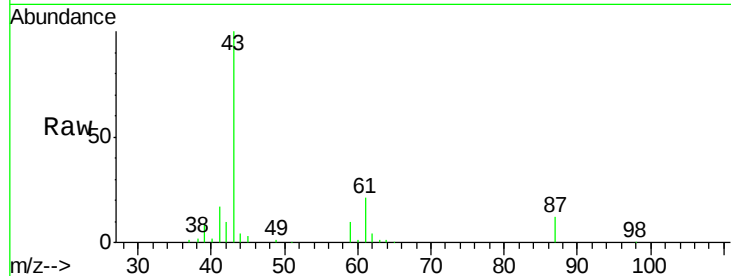
ClientSampleId :

VN0730WBS01

Tot Ion:	43	Resp:	88112
Ion Ratio	Lower	Upper	
43	100		
61	19.7	20.8	31.2#
87	11.6	9.2	13.8

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#44

Trichloroethene

Concen: 18.604 ug/l

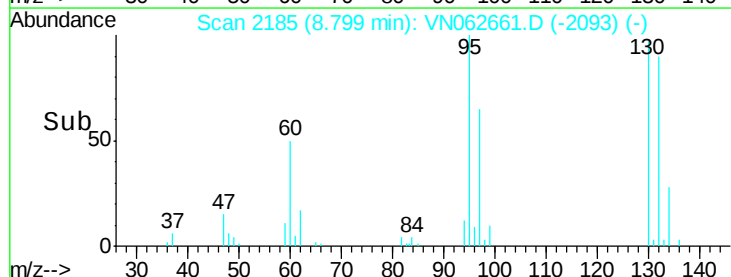
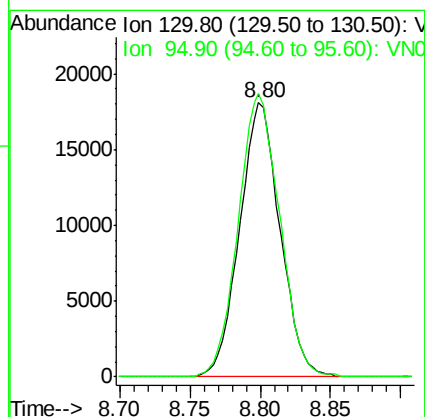
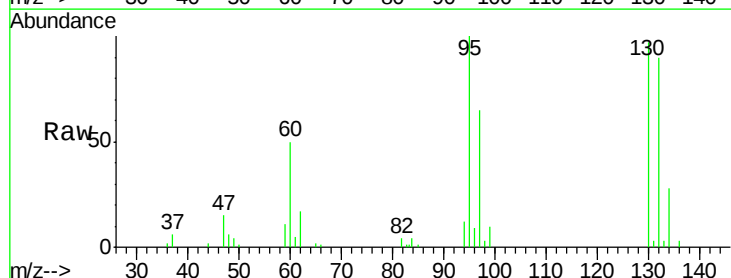
RT: 8.80 min Scan# 2185

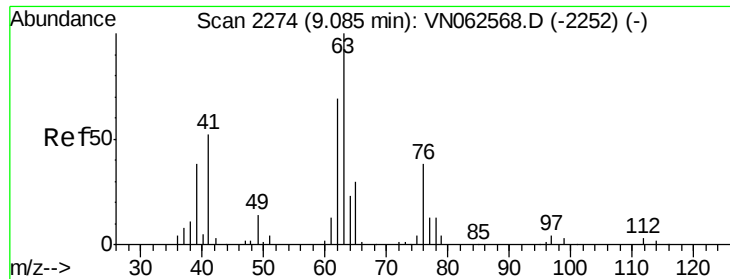
Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Tgt Ion:	130	Resp:	36325
Ion Ratio	Lower	Upper	
130	100		
95	103.3	0.0	210.4





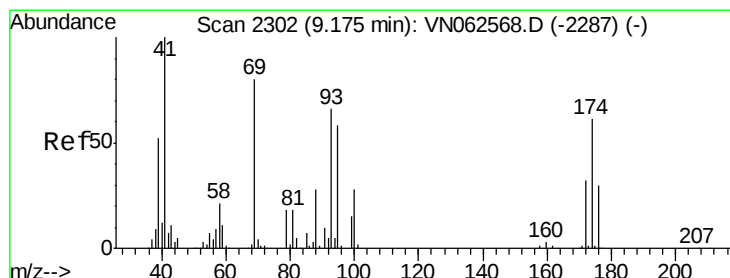
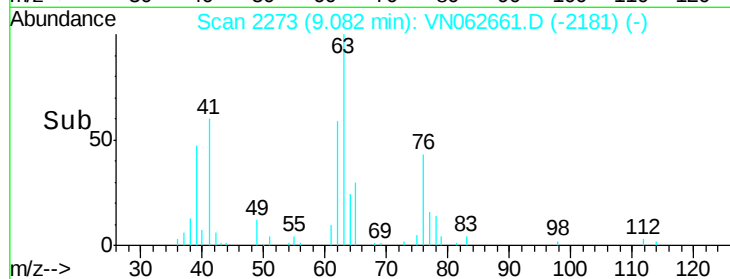
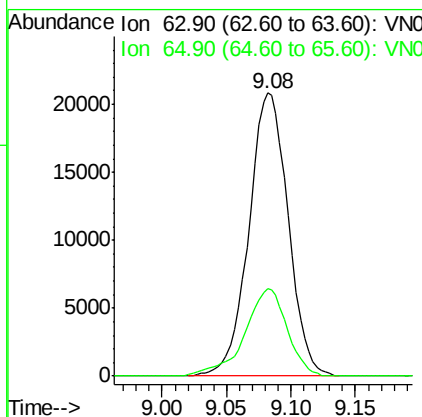
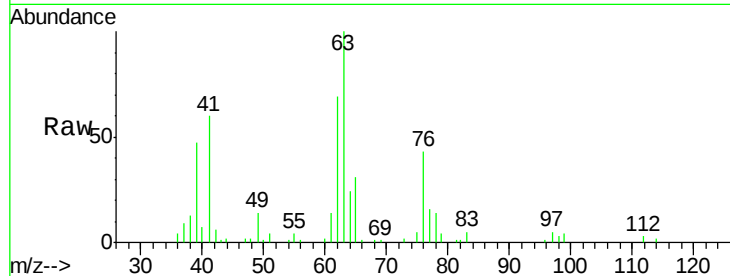
#45
 1,2-Dichloropropane
 Concen: 18.191 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Tot Ion: 63 Resp: 44221
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.4 36.6

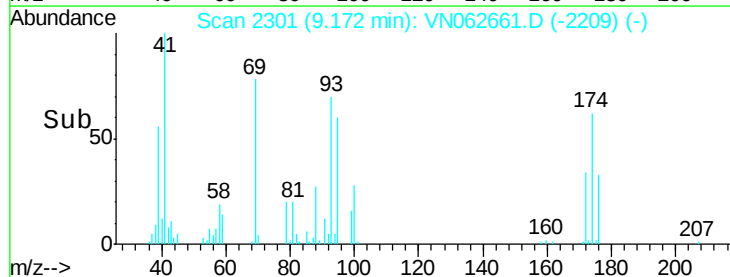
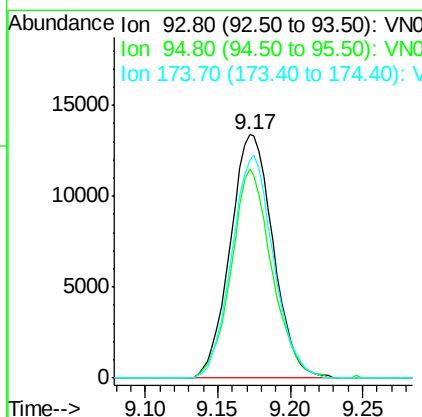
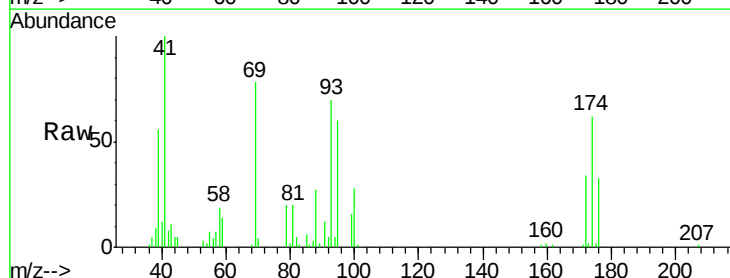
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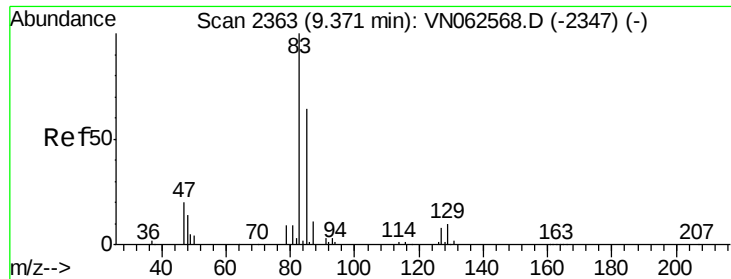
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 7/31/2020 11:56:47 AM



#46
 Dibromomethane
 Concen: 19.588 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion: 93 Resp: 27522
 Ion Ratio Lower Upper
 93 100
 95 81.2 67.6 101.4
 174 88.9 72.5 108.7





#47

Bromodichloromethane

Concen: 19.679 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

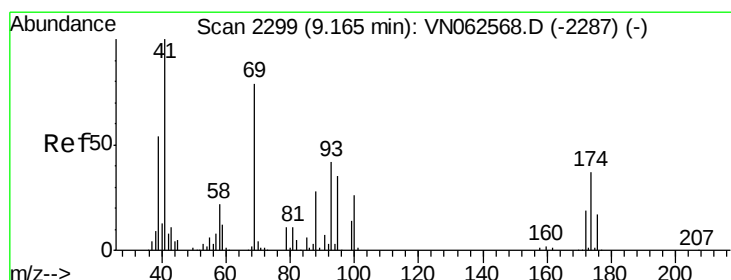
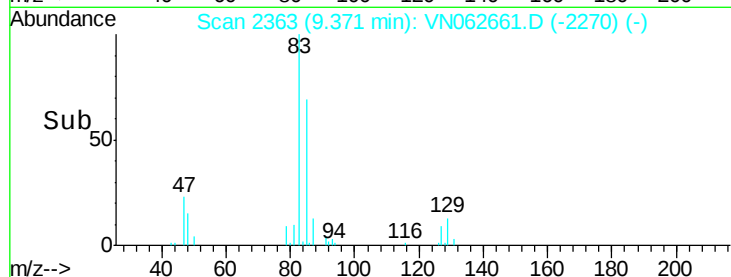
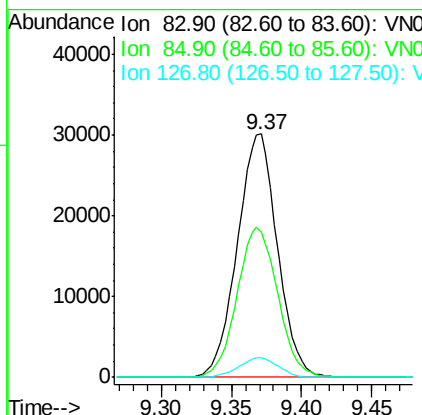
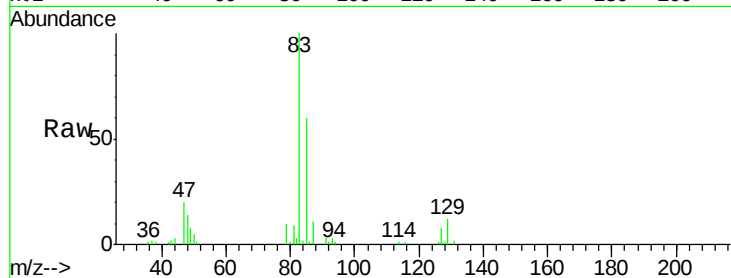
ClientSampleId :

VN0730WBS01

Tot Ion:	83	Resp:	59901
Ion	Ratio	Lower	Upper
83	100		
85	59.5	51.6	77.4
127	8.0	6.2	9.2

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#48

Methyl methacrylate

Concen: 17.760 ug/l

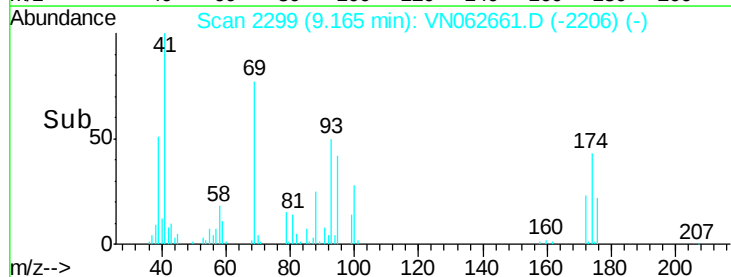
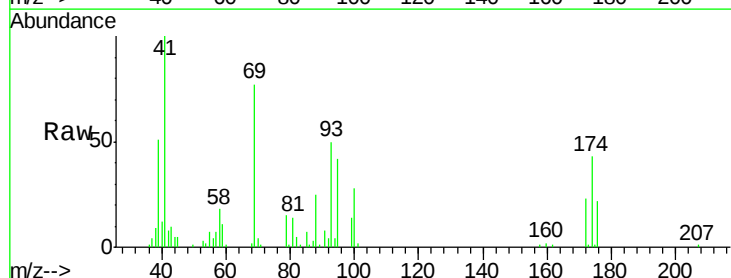
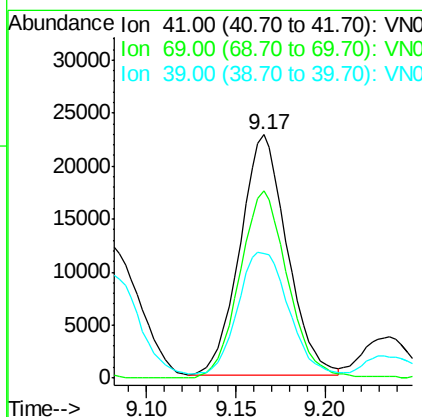
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Tgt Ion:	41	Resp:	41957
Ion	Ratio	Lower	Upper
41	100		
69	79.5	64.4	96.6
39	58.1	43.5	65.3





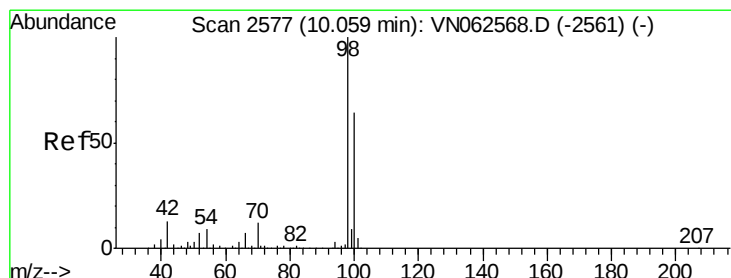
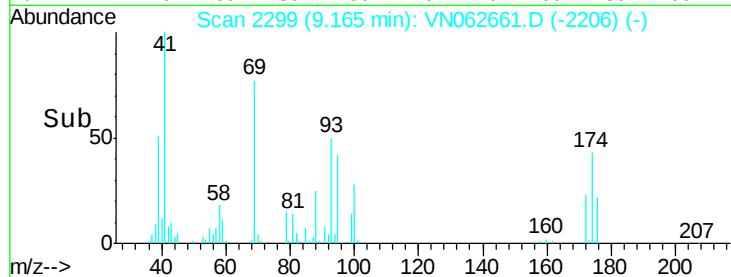
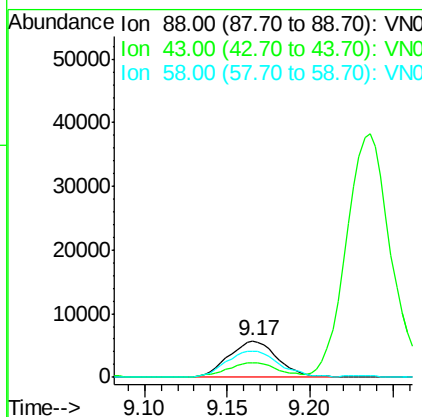
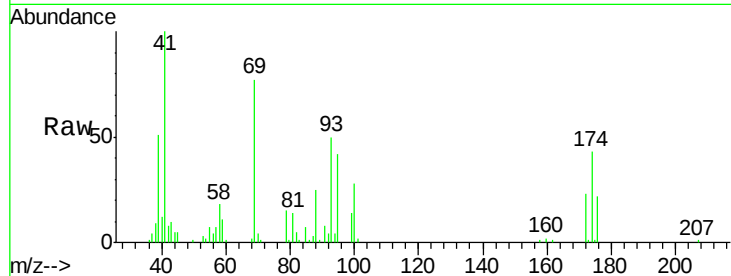
#49
1,4-Dioxane
Concen: 323.224 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion	88	Resp	11728
Ion Ratio	Lower	Upper	
88	100		
43	41.7	32.0	48.0
58	77.4	62.8	94.2

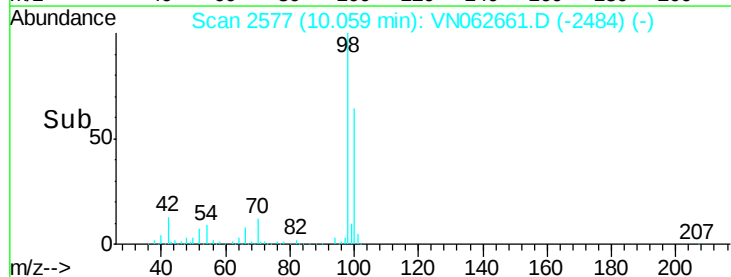
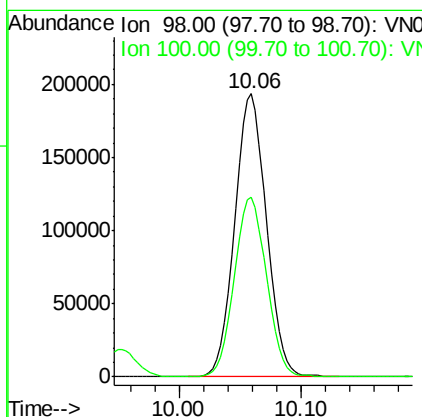
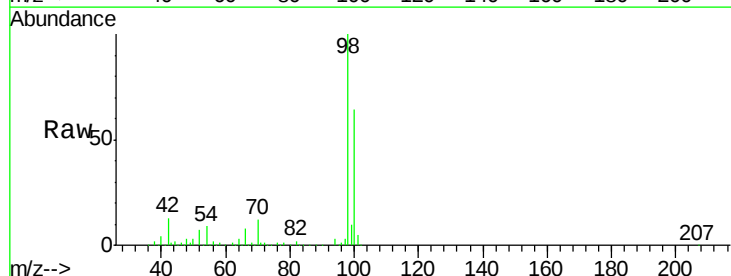
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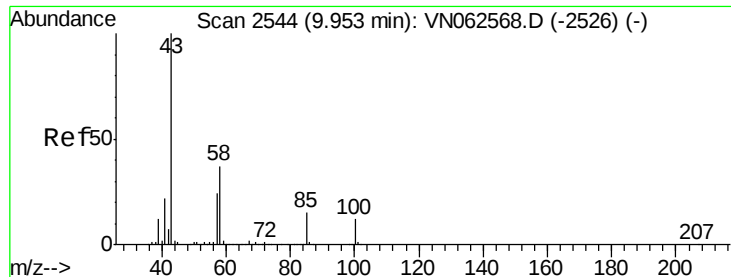
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#50
Toluene-d8
Concen: 49.475 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion	98	Resp	347906
Ion Ratio	Lower	Upper	
98	100		
100	64.7	50.9	76.3





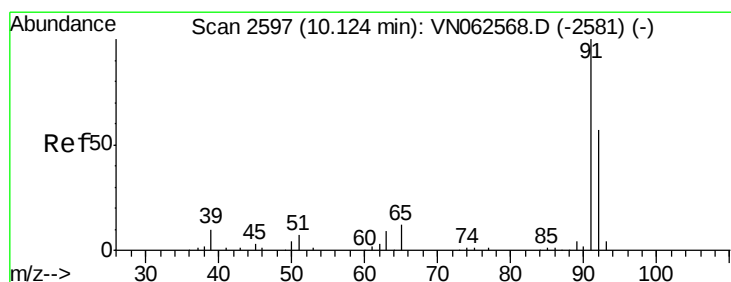
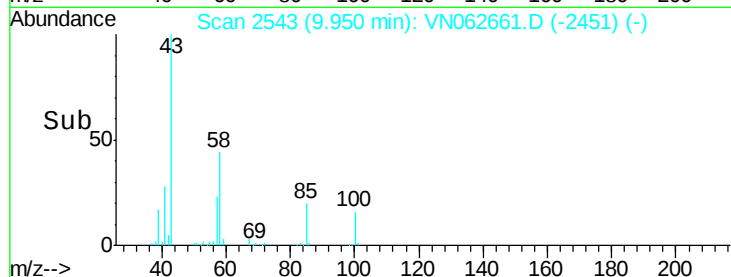
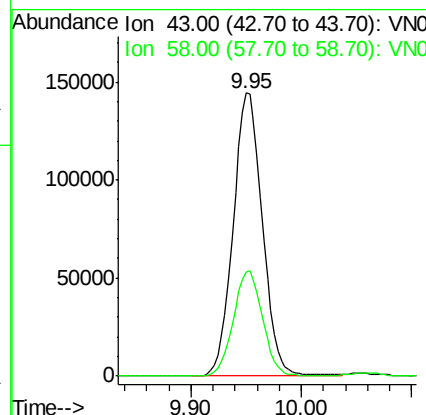
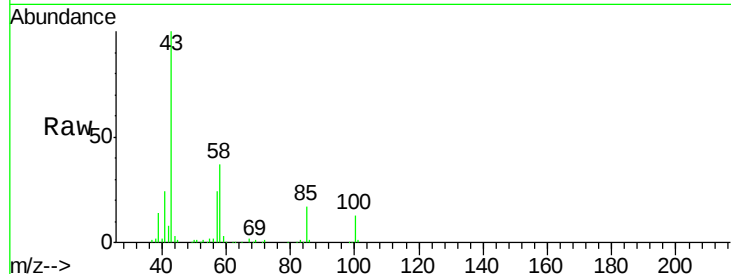
#51
4-Methyl-2-Pentanone
Concen: 89.384 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion	43	Resp	265791
Ion Ratio	43	100	
Lower	58	37.0	29.8
Upper			44.6

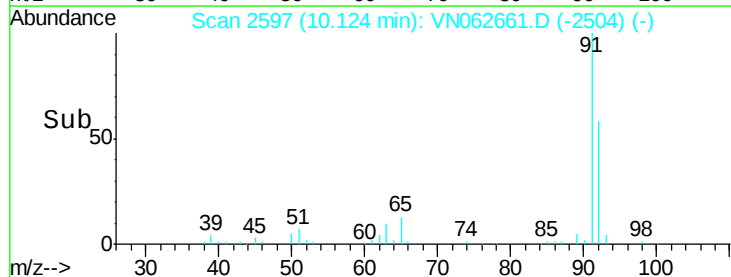
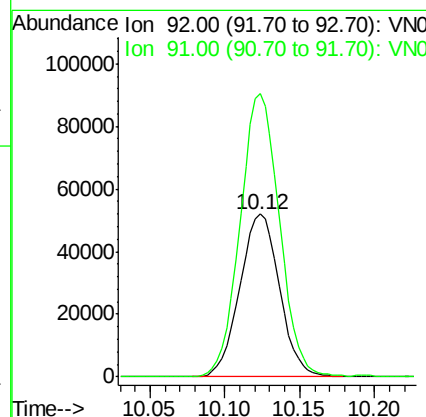
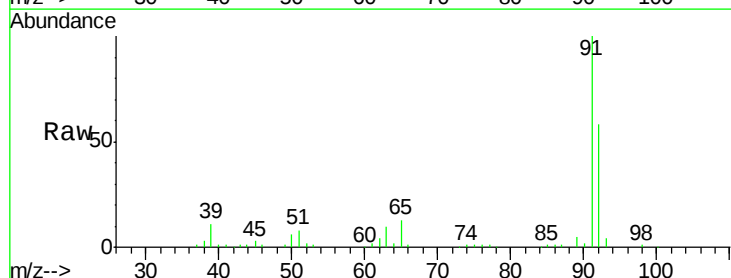
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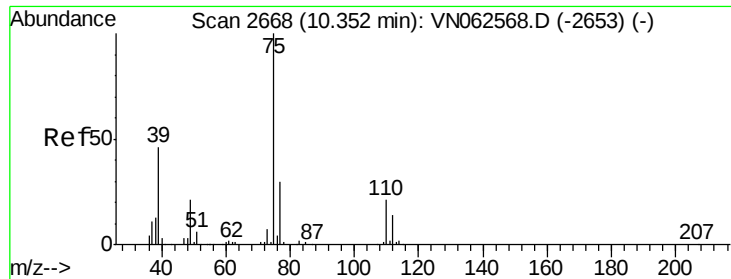
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#52
Toluene
Concen: 19.142 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion	92	Resp	96239
Ion Ratio	92	100	
Lower	91	172.0	139.4
Upper			209.2





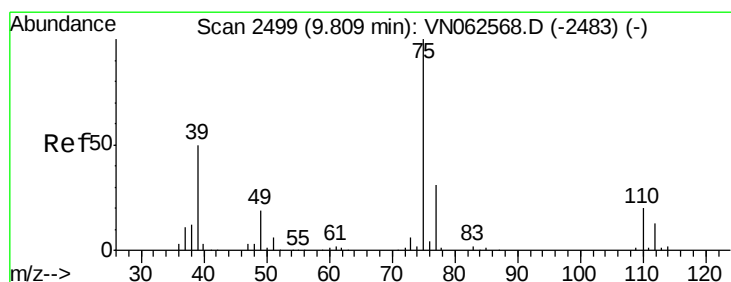
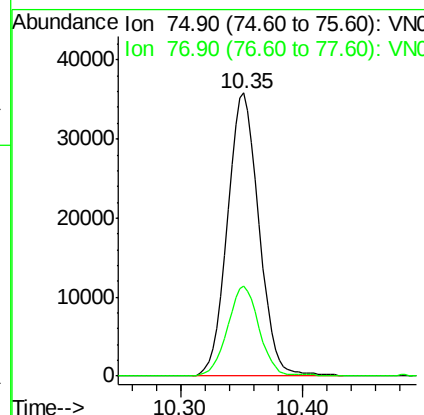
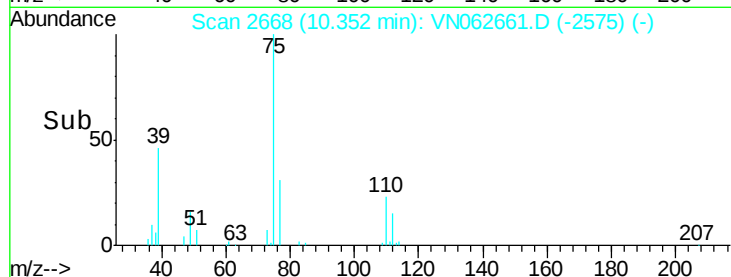
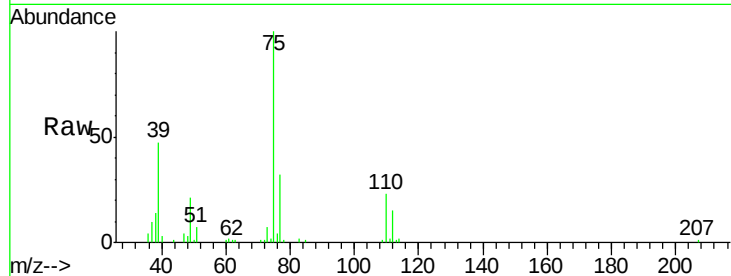
#53
t-1,3-Dichloropropene
Concen: 19.141 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion: 75 Resp: 64860
Ion Ratio Lower Upper
75 100
77 31.7 24.3 36.5

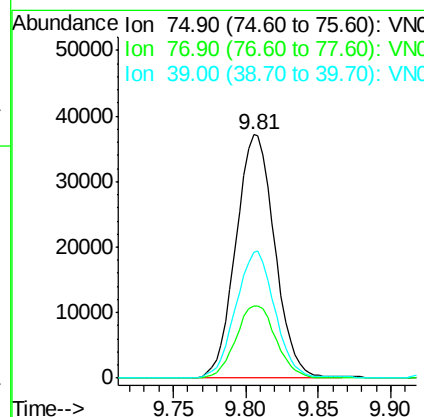
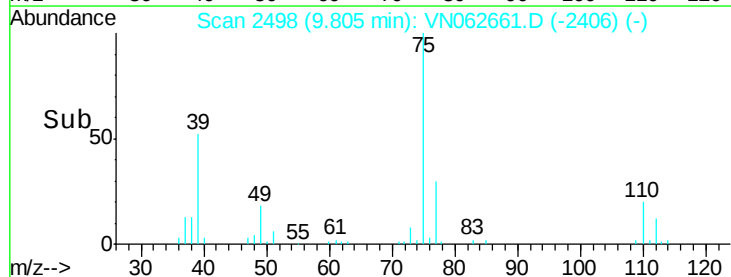
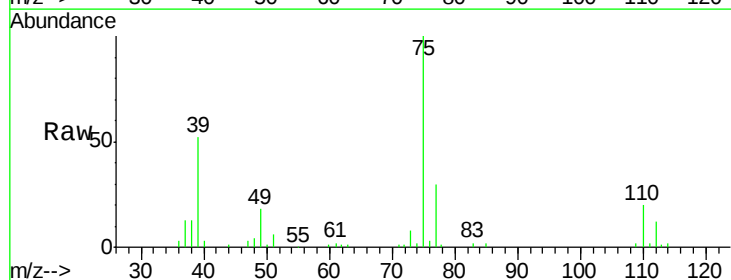
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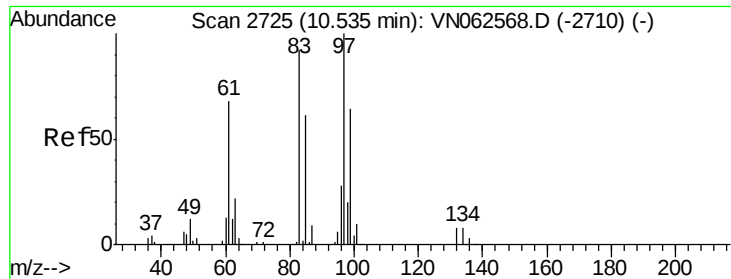
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#54
cis-1,3-Dichloropropene
Concen: 19.058 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion: 75 Resp: 69297
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.6
39 51.8 39.8 59.8





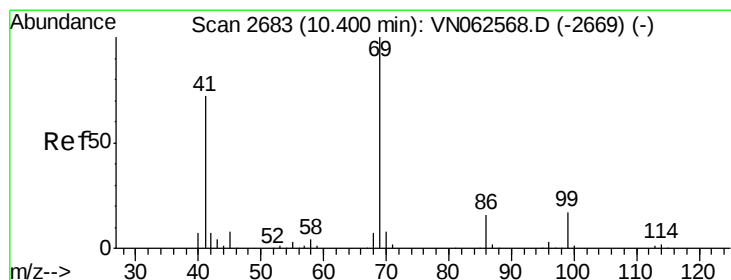
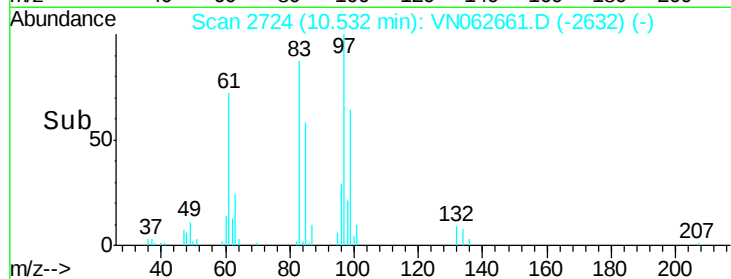
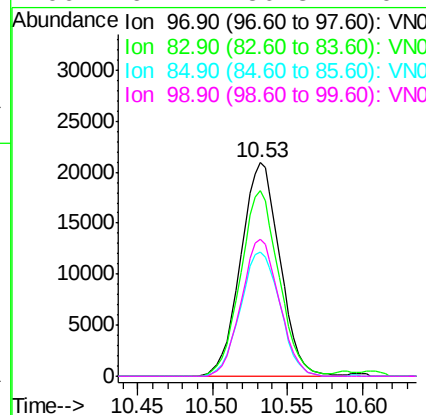
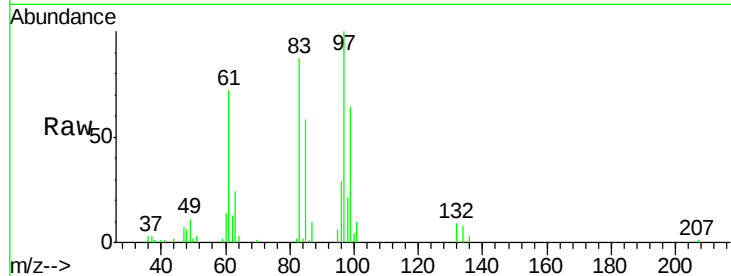
#55
 1,1,2-Trichloroethane
 Concen: 19.541 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.8	73.7	110.5
85	58.4	48.5	72.7
99	64.2	50.8	76.2

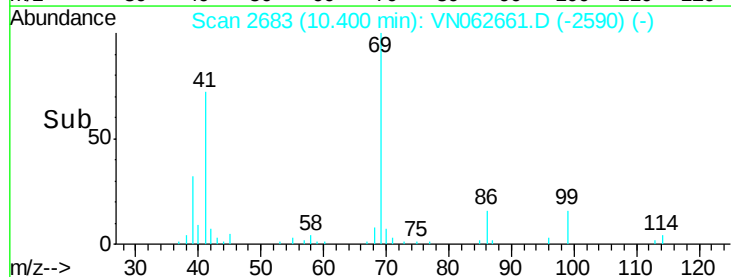
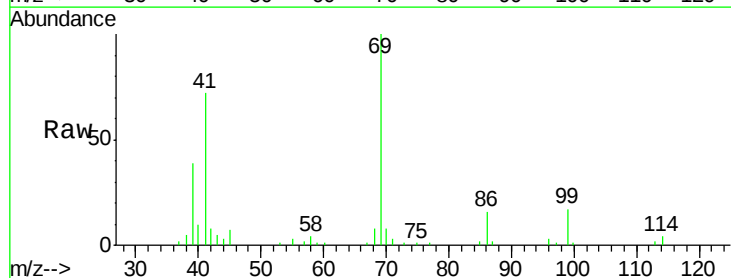
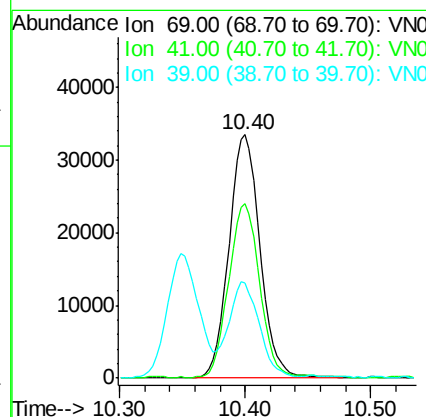
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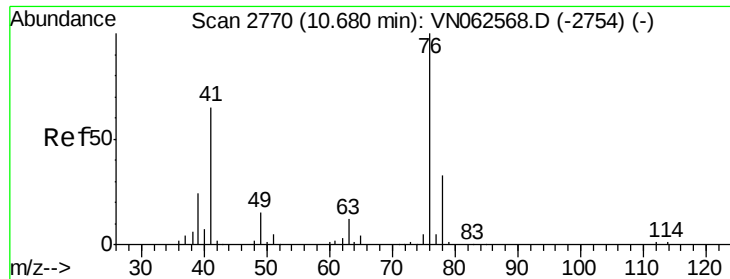
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#56
 Ethyl methacrylate
 Concen: 17.638 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.0	57.2	85.8
39	37.4	28.6	43.0





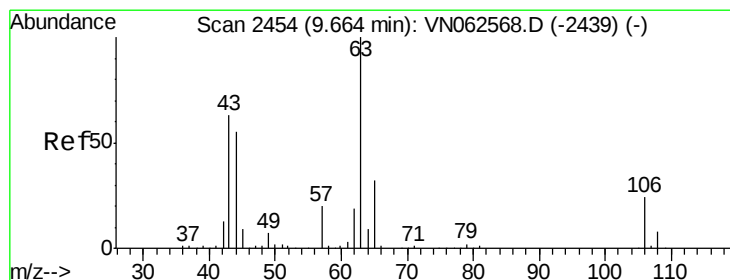
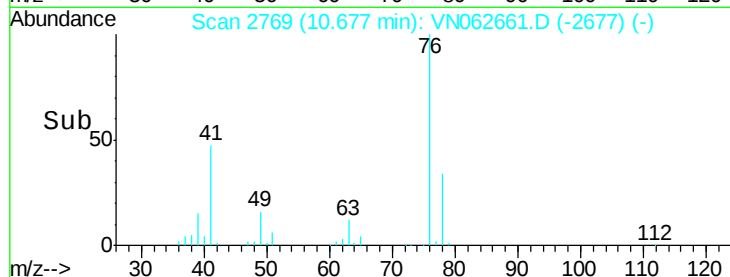
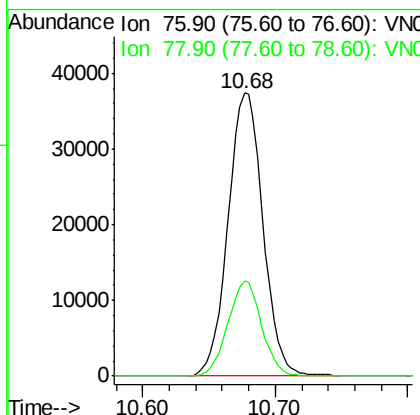
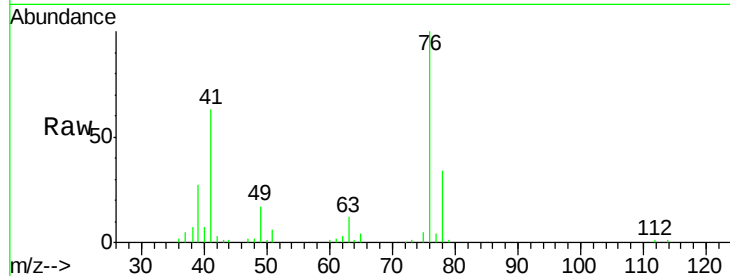
#57
 1,3-Dichloropropane
 Concen: 19.093 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Tot Ion: 76 Resp: 68215
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.3 39.5

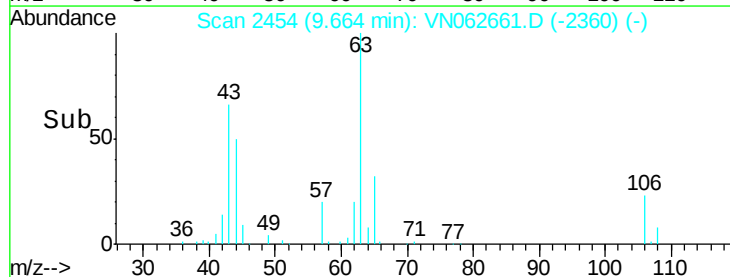
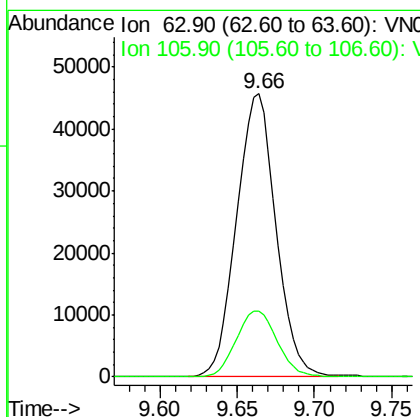
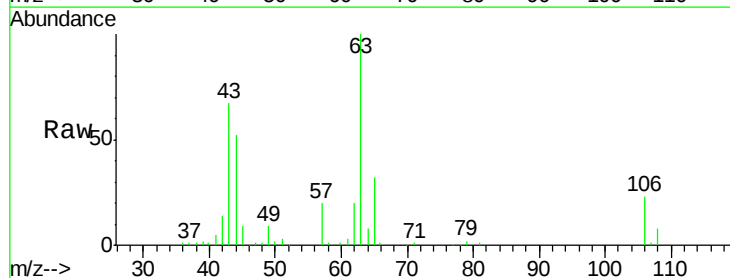
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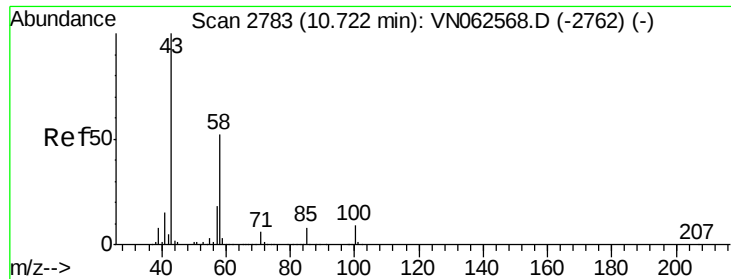
MMDadoda
 7/31/2020 11:56:47 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.150 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion: 63 Resp: 80809
 Ion Ratio Lower Upper
 63 100
 106 24.2 18.9 28.3





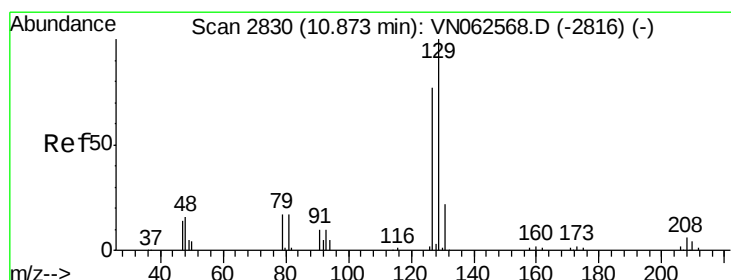
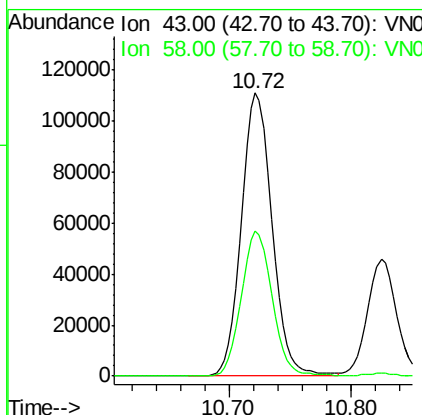
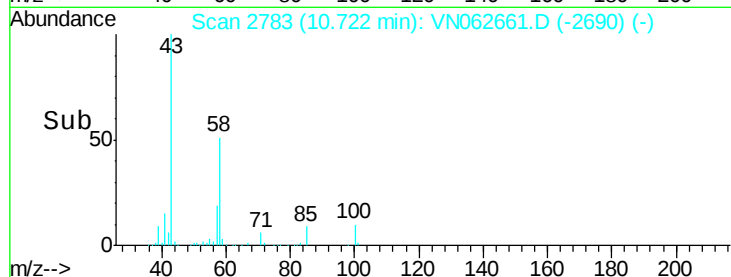
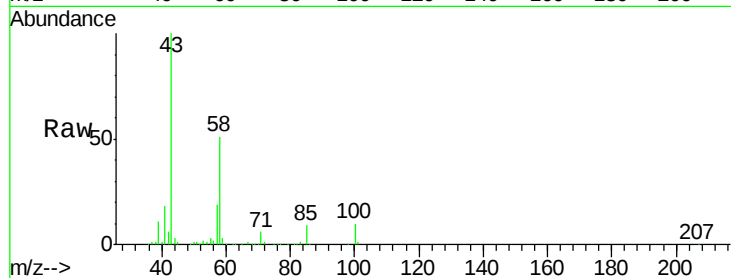
#59
2-Hexanone
Concen: 85.784 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion: 43 Resp: 192754
Ion Ratio Lower Upper
43 100
58 51.3 26.0 78.0

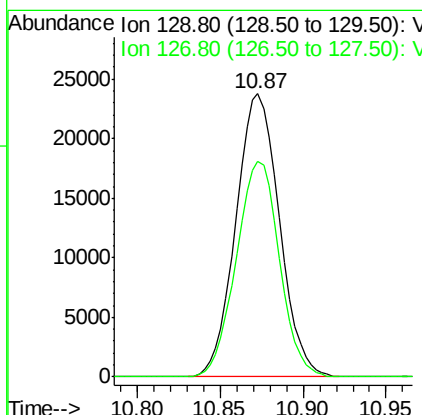
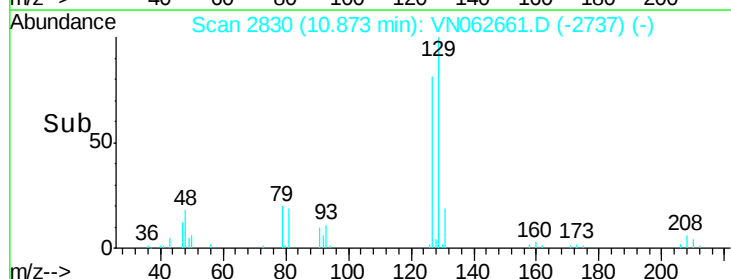
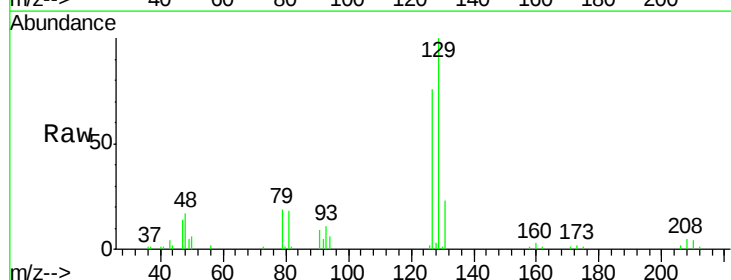
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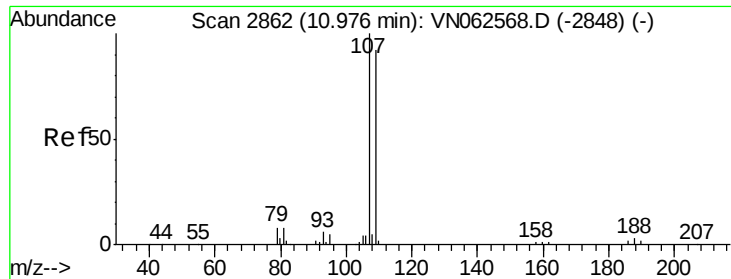
MMDadoda
7/31/2020 11:56:47 AM



#60
Dibromochloromethane
Concen: 19.996 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion: 129 Resp: 43502
Ion Ratio Lower Upper
129 100
127 75.3 38.0 113.9





#61

1,2-Dibromoethane

Concen: 18.696 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tot Ion:107 Resp: 37965

Ion Ratio Lower Upper

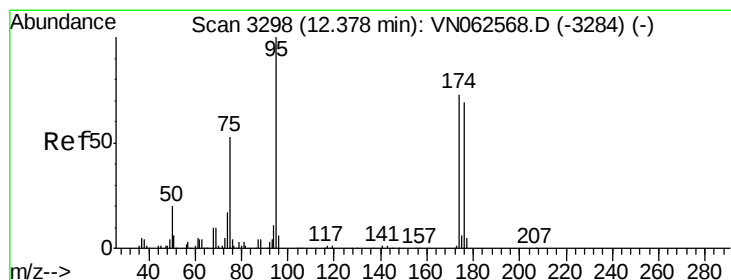
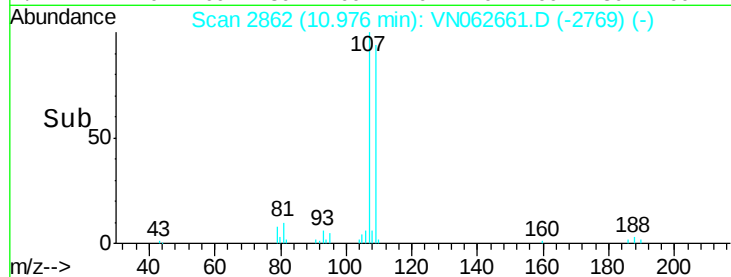
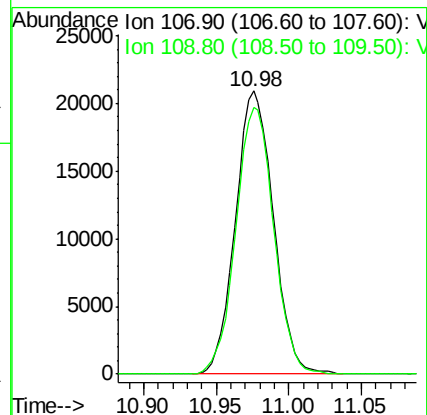
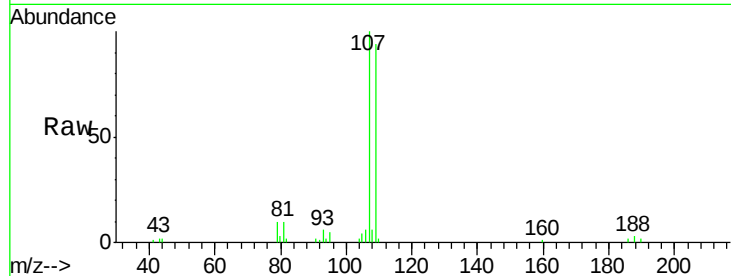
107 100

109 94.1 73.8 110.6

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#62

4-Bromofluorobenzene

Concen: 50.347 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

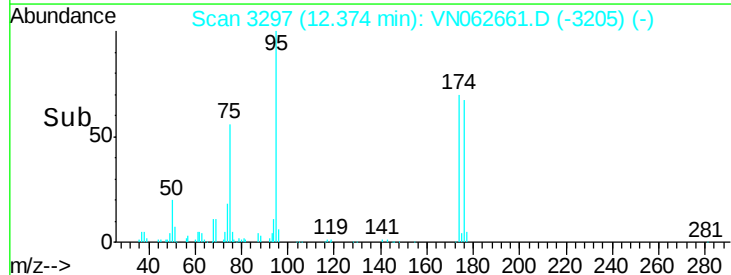
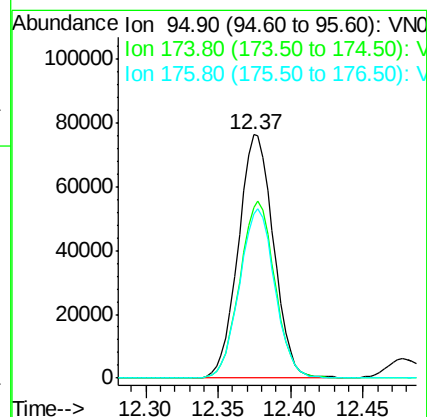
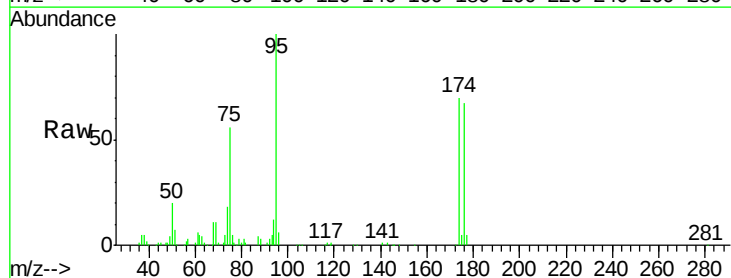
Tgt Ion: 95 Resp: 129451

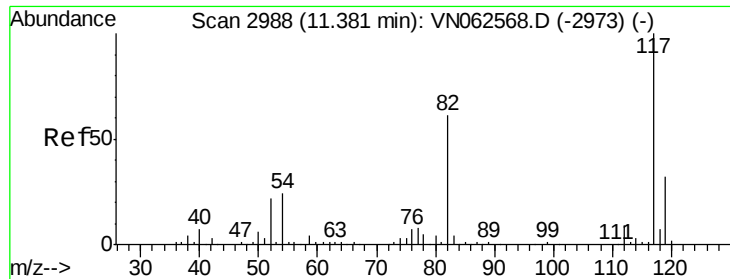
Ion Ratio Lower Upper

95 100

174 72.3 0.0 144.6

176 69.6 0.0 139.4





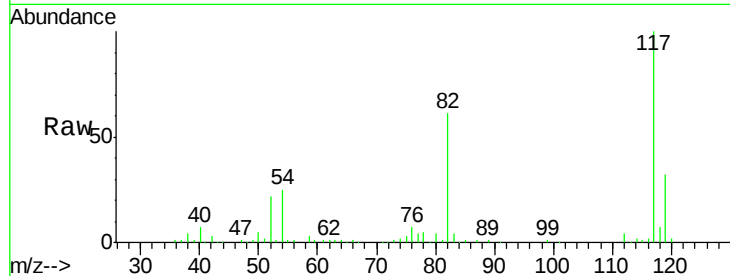
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	252669		
82	60.6	49.0	73.6	
119	32.0	25.4	38.2	

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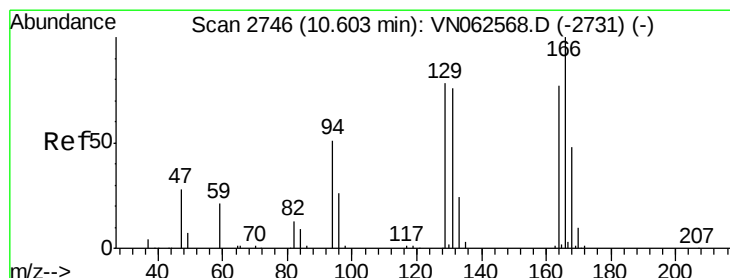
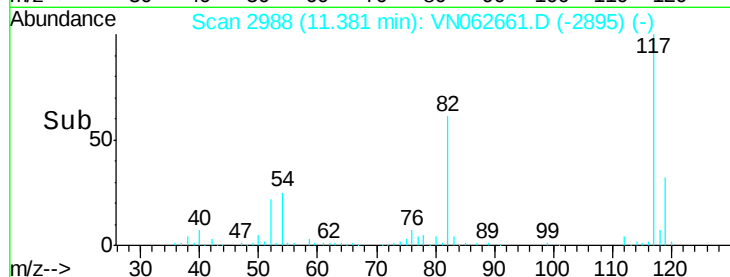
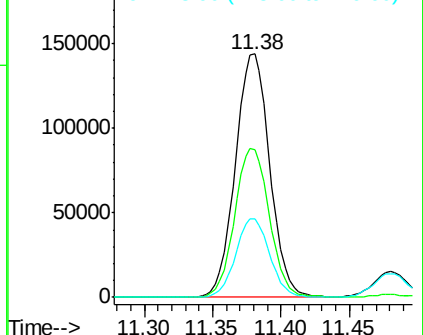


Abundance

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: 19.140 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	31421		
166	133.3	104.4	156.6	
129	100.7	81.0	121.4	
131	98.4	79.4	119.2	

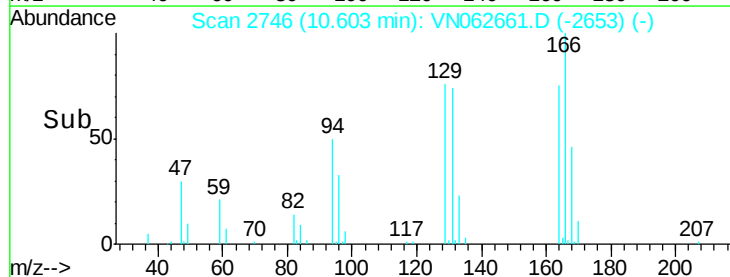
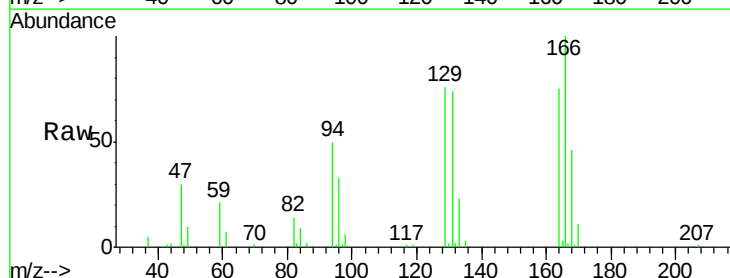
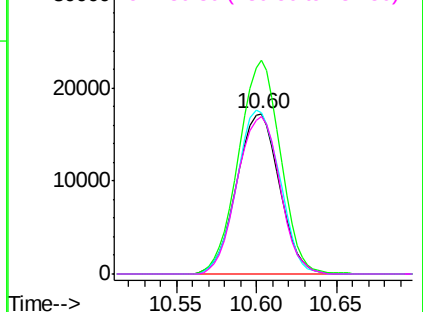
Abundance

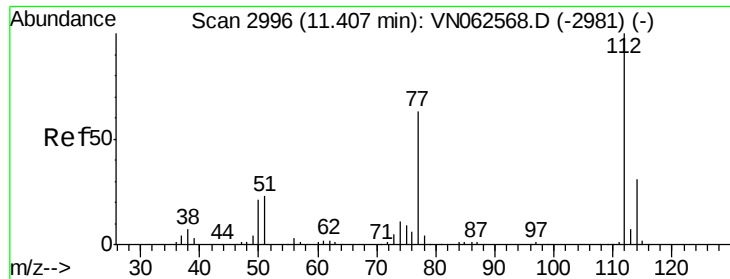
Ion 163.80 (163.50 to 164.50): V

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





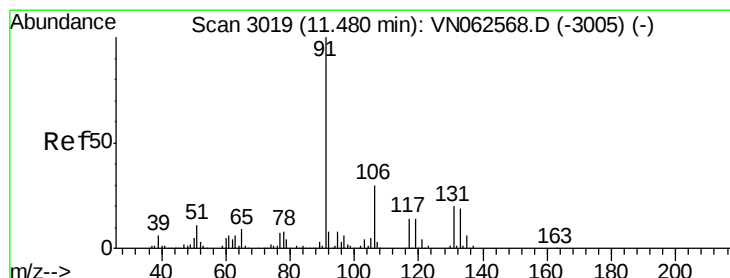
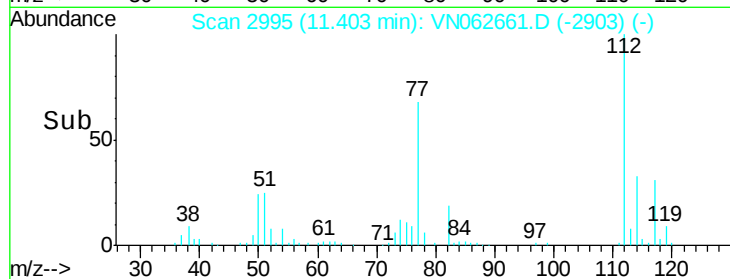
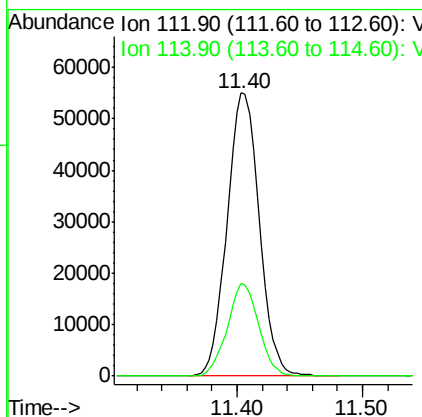
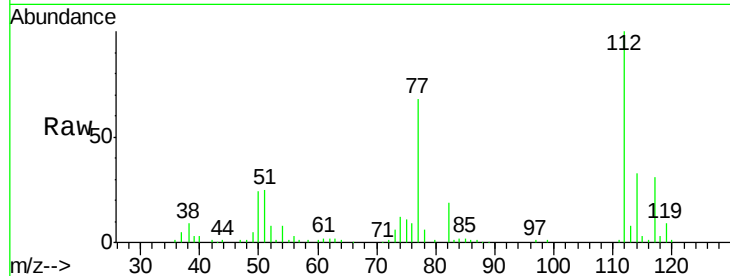
#65
Chlorobenzene
Concen: 18.536 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion:112 Resp: 98187
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7

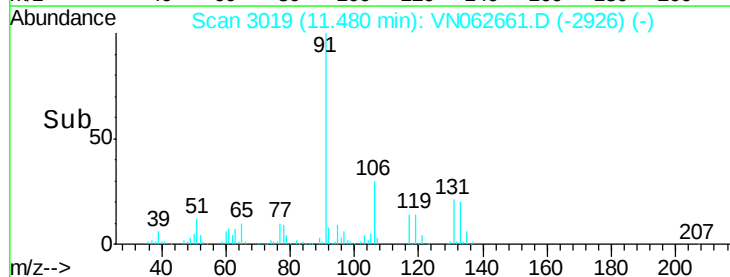
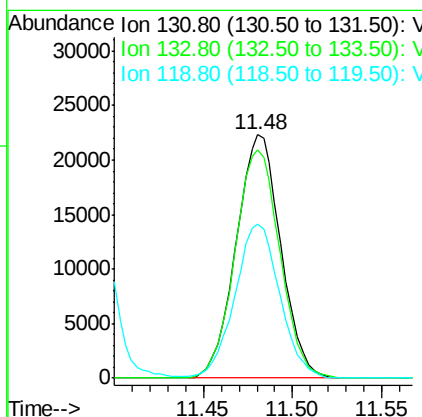
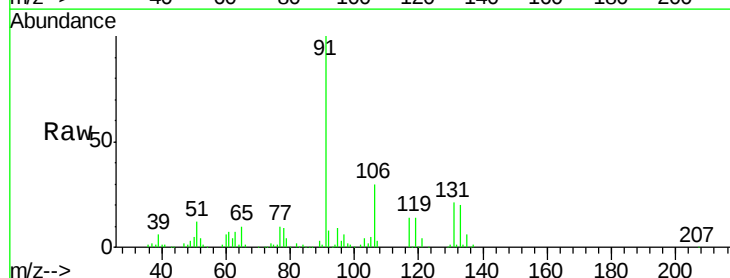
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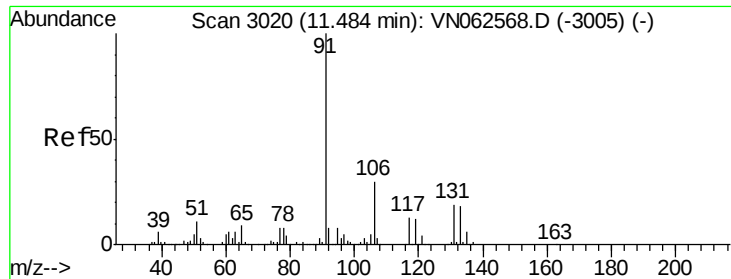
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.492 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion:131 Resp: 38843
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 64.0 33.7 101.0





#67

Ethyl Benzene

Concen: 18.585 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tot Ion: 91 Resp: 180498

Ion Ratio Lower Upper

91 100

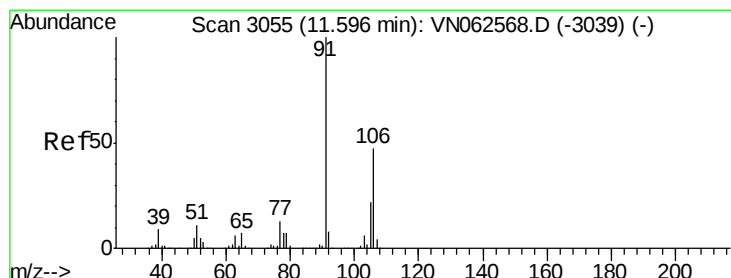
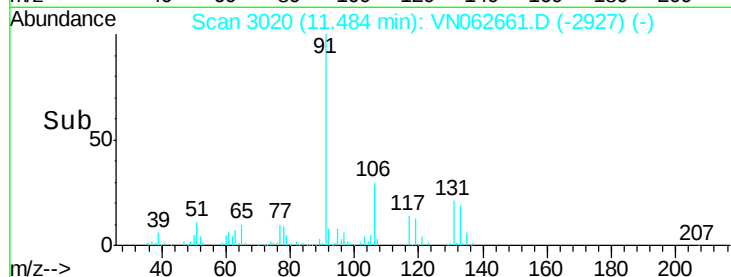
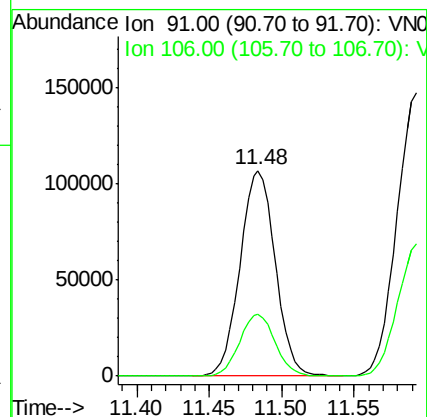
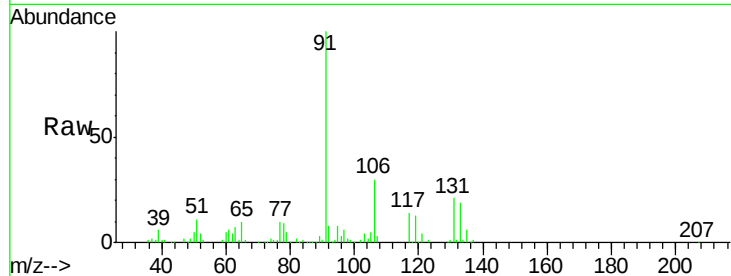
106 30.2 23.8 35.8

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#68

m/p-Xylenes

Concen: 37.923 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062661.D

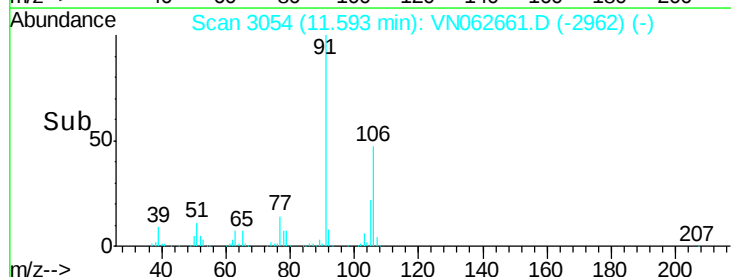
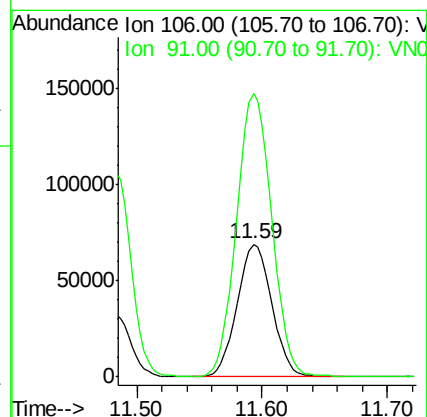
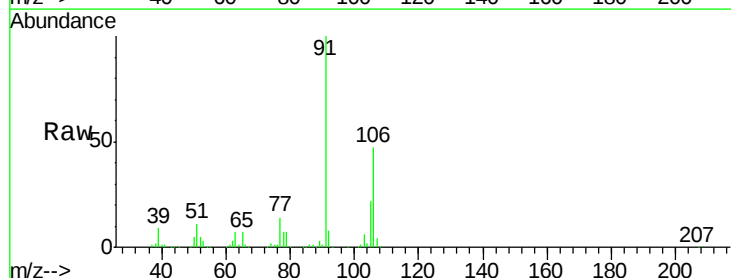
Acq: 30 Jul 2020 10:57

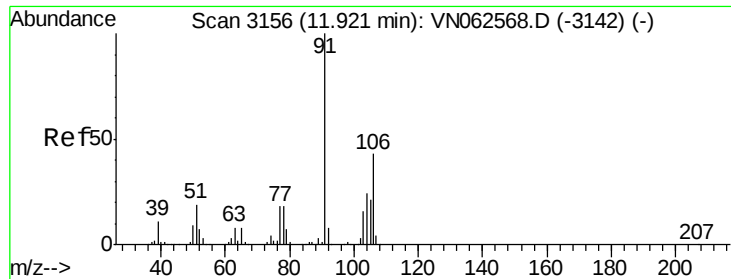
Tgt Ion: 106 Resp: 132383

Ion Ratio Lower Upper

106 100

91 218.1 171.4 257.2





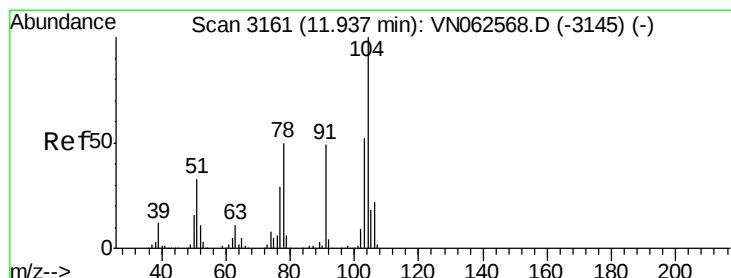
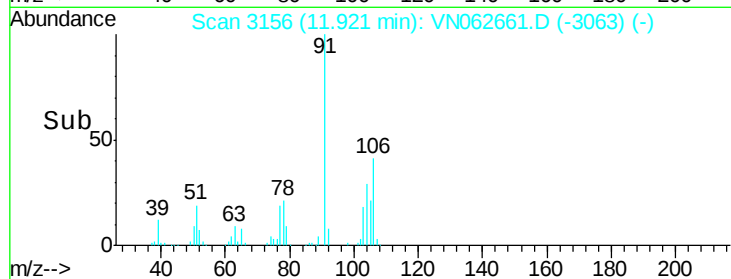
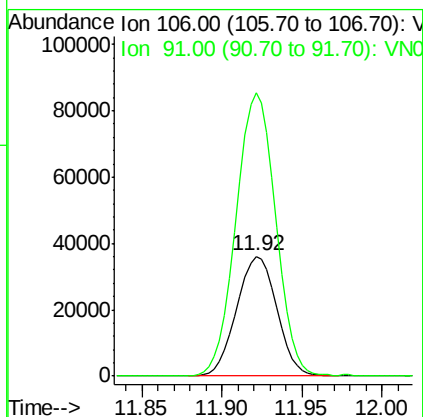
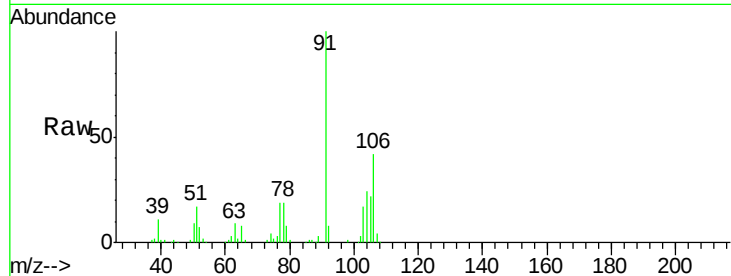
#69
o-Xylene
Concen: 18.675 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	61904		
91	91	233.2	113.8	341.2	

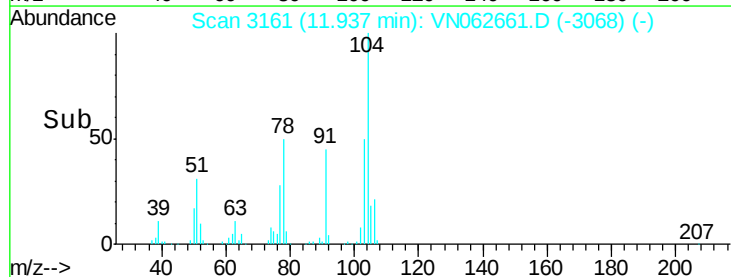
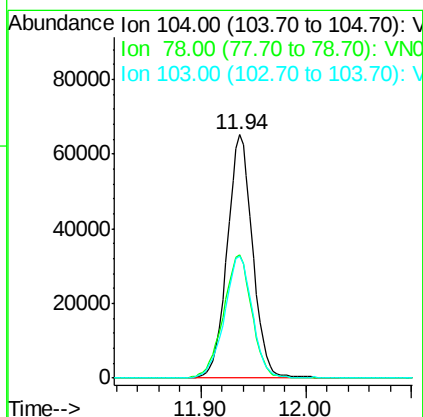
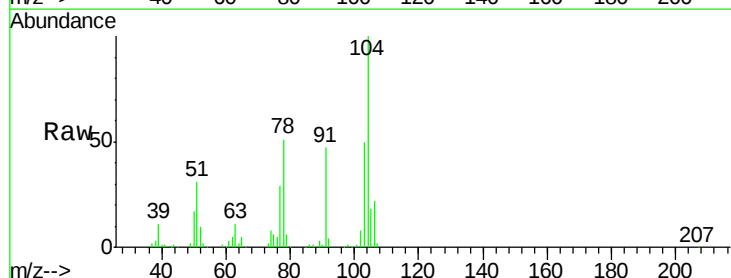
Manual Integrations
APPROVED

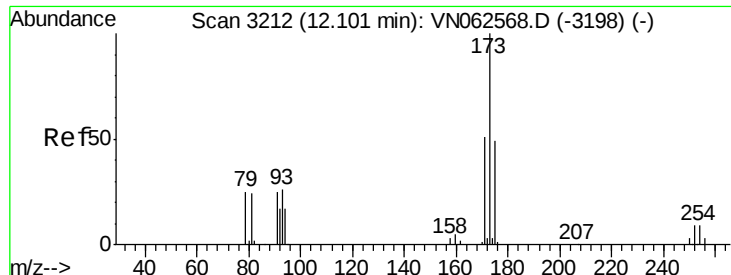
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#70
Styrene
Concen: 19.321 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	108190		
78	78	56.8	43.8	65.6	
103	103	54.9	44.0	66.0	





#71

Bromoform

Concen: 19.660 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tot Ion:173 Resp: 29415

Ion Ratio Lower Upper

173 100

175 46.1 24.1 72.2

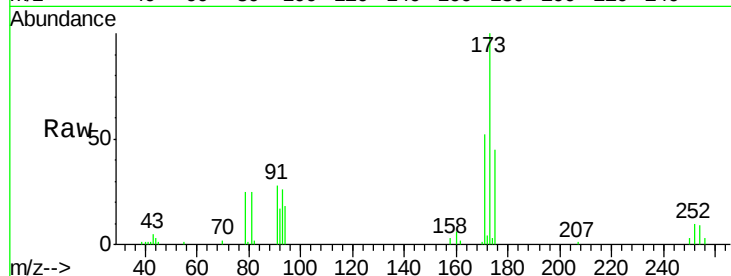
254 0.0 0.0 0.0

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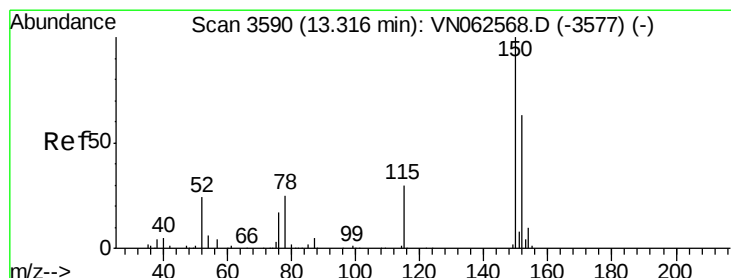
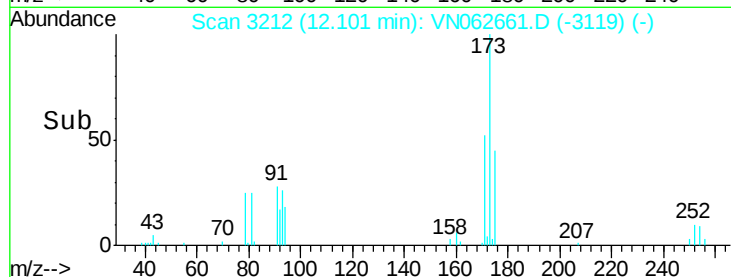
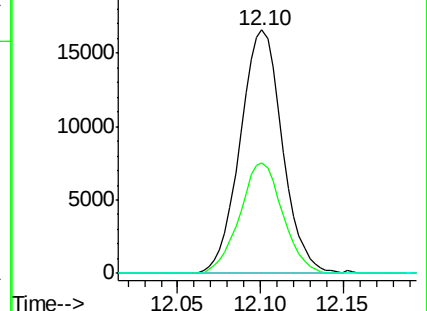
7/31/2020 11:56:47 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

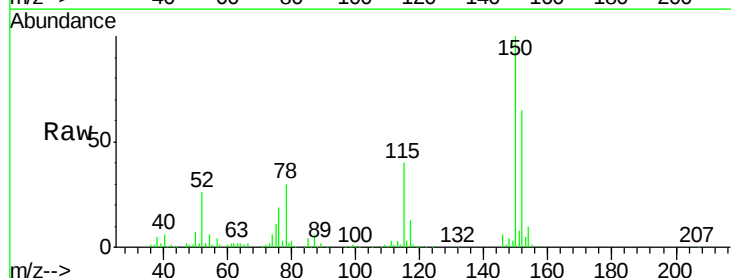
Tgt Ion:152 Resp: 119437

Ion Ratio Lower Upper

152 100

115 64.2 31.8 95.4

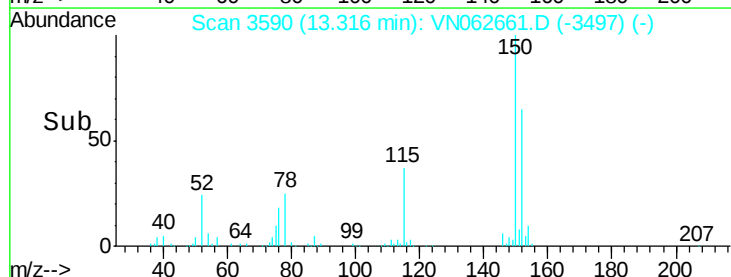
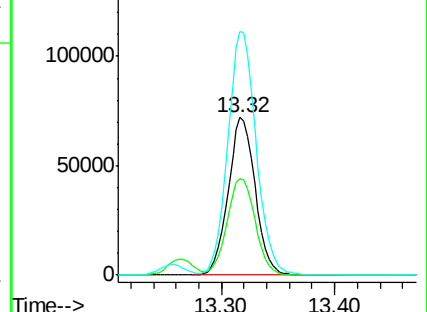
150 162.7 0.0 351.4

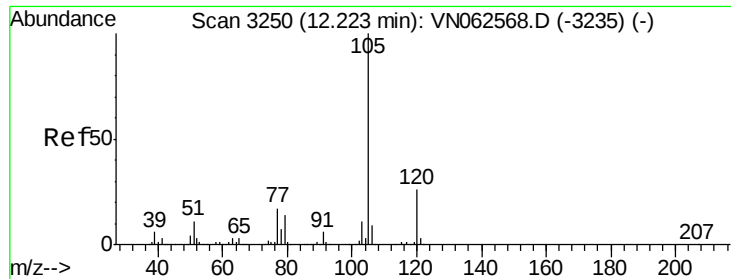


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.382 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tot Ion: 105 Resp: 173596

Ion Ratio Lower Upper

105 100

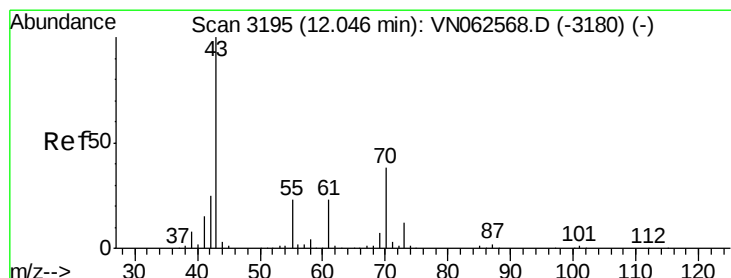
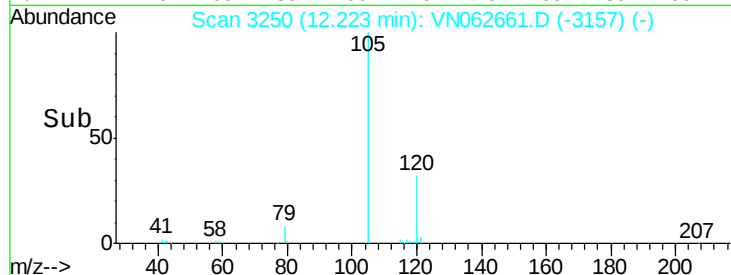
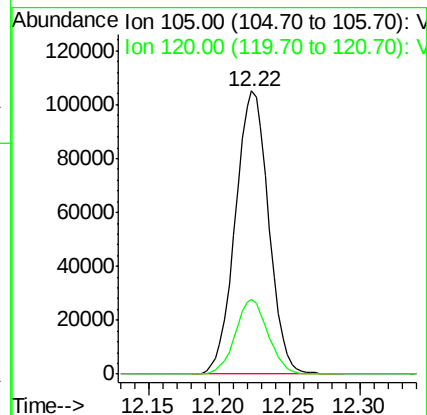
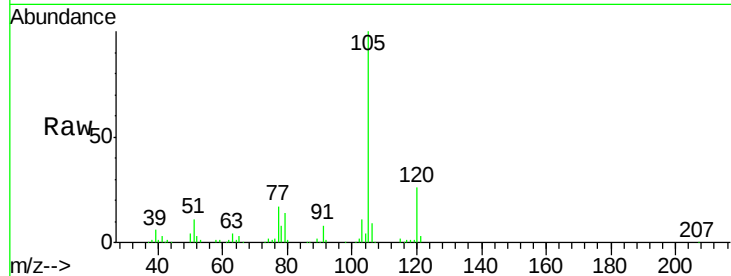
120 25.8 12.8 38.4

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#74

N-ethyl acetate

Concen: 17.559 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Tgt Ion: 43 Resp: 74058

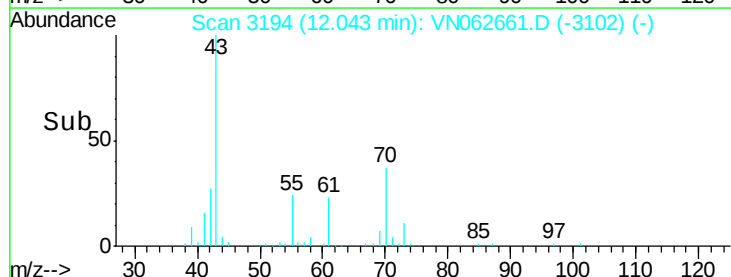
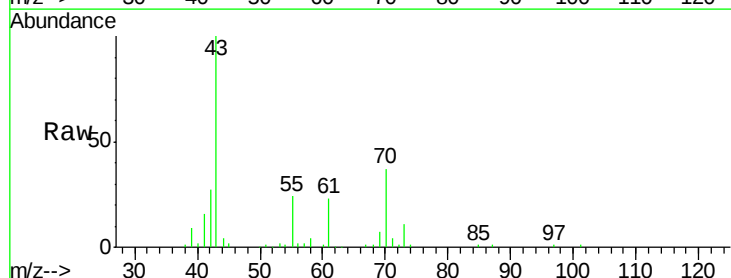
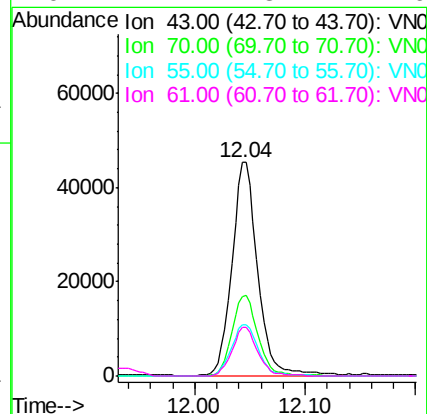
Ion Ratio Lower Upper

43 100

70 37.9 30.5 45.7

55 25.2 19.0 28.6

61 22.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.045 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

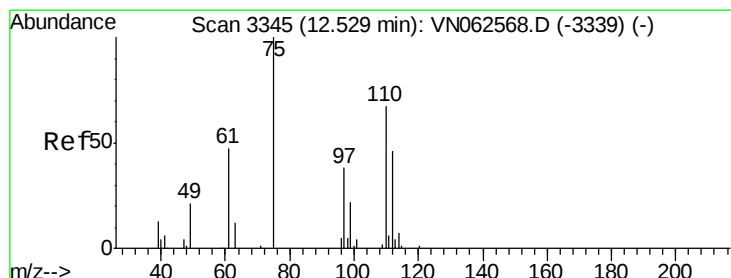
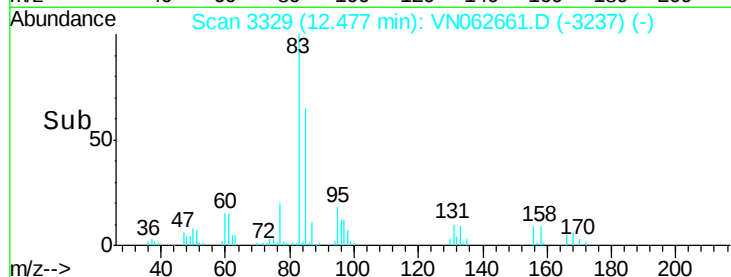
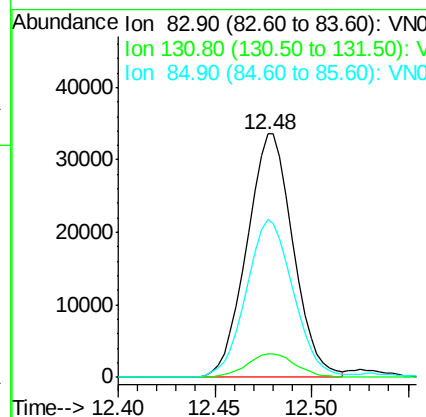
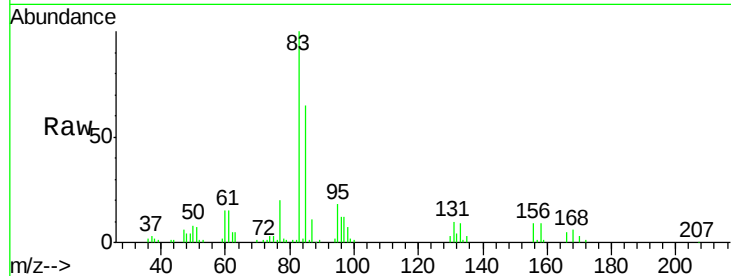
ClientSampleId :

VN0730WBS01

Tot Ion:	83	Resp:	55937
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.8	14.3
85	65.8	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.998 ug/l m

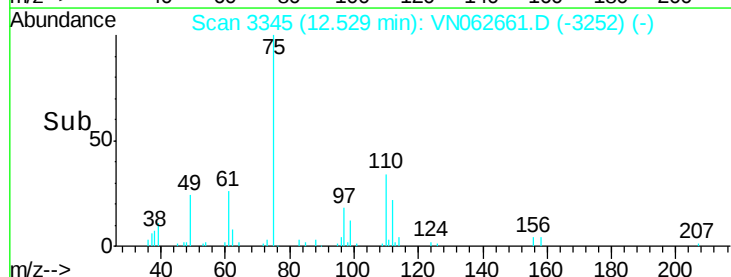
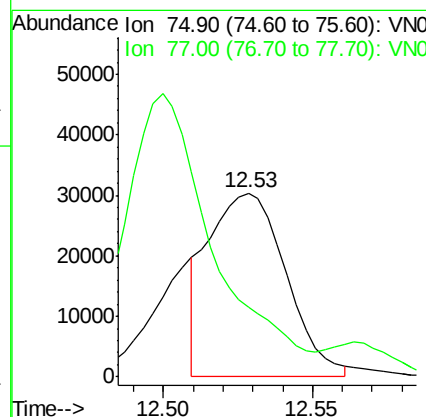
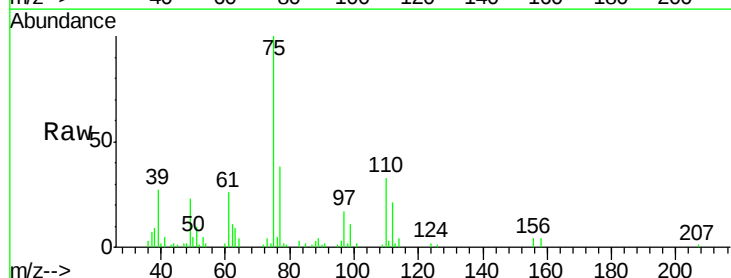
RT: 12.53 min Scan# 3345

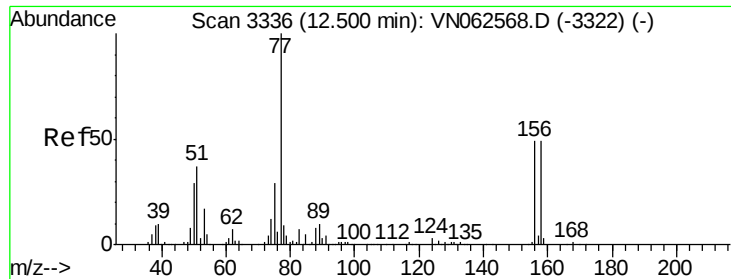
Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Tgt Ion:	75	Resp:	54716
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.465 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tot Ion:156 Resp: 41908

Ion Ratio Lower Upper

156 100

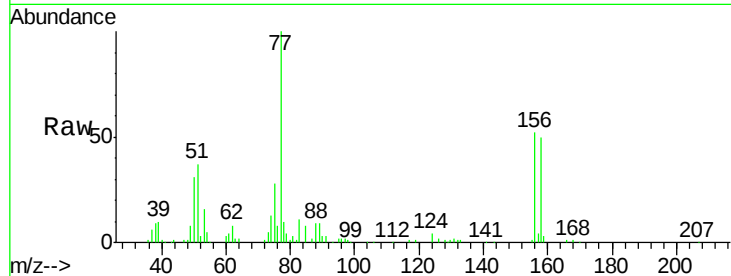
77 233.0 122.8 368.3

158 95.0 49.4 148.0

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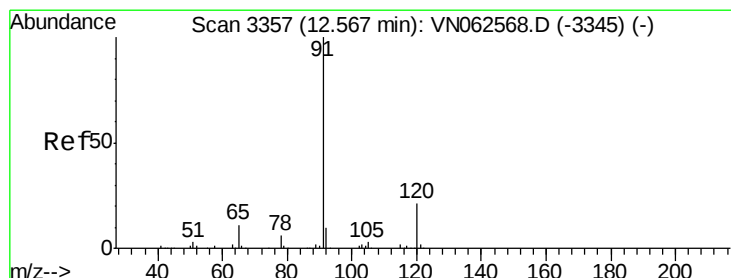
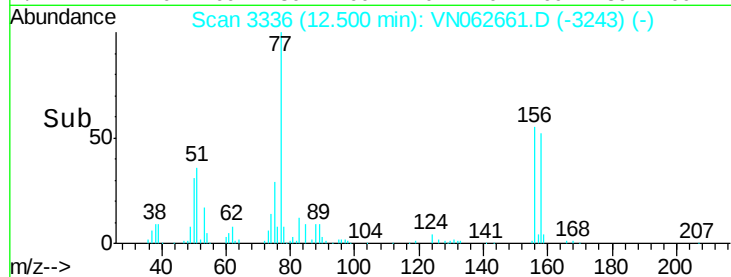
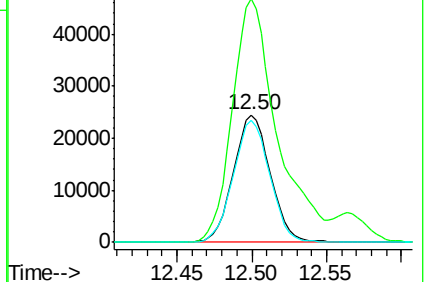
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.559 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062661.D

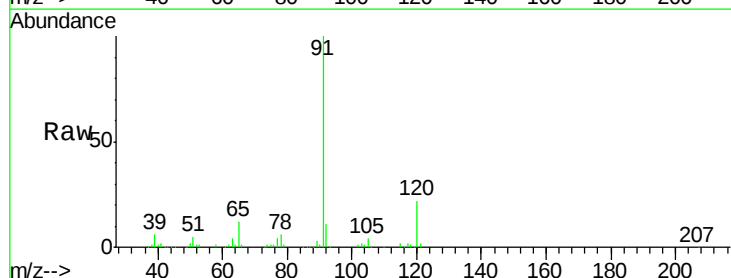
Acq: 30 Jul 2020 10:57

Tgt Ion: 91 Resp: 205309

Ion Ratio Lower Upper

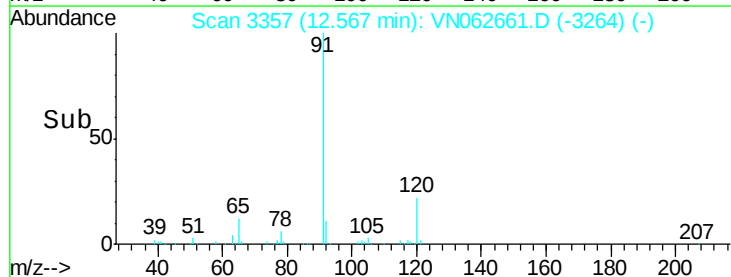
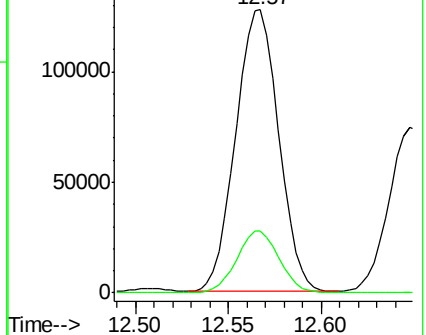
91 100

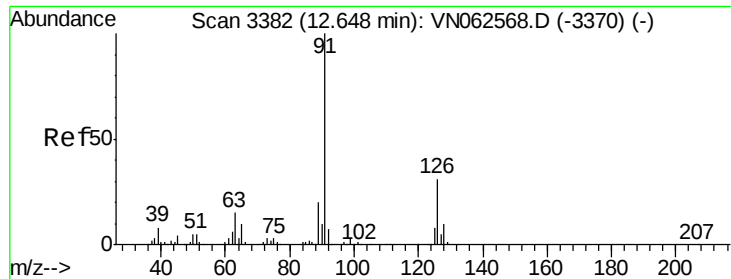
120 21.6 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.123 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampled :

VN0730WBS01

Tot Ion: 91 Resp: 12352

Ion Ratio Lower Upper

91 100

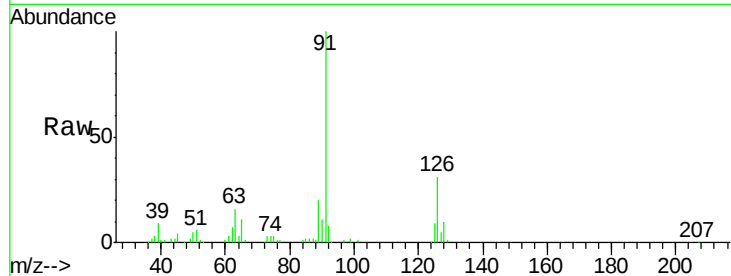
126 31.7 15.9 47.6

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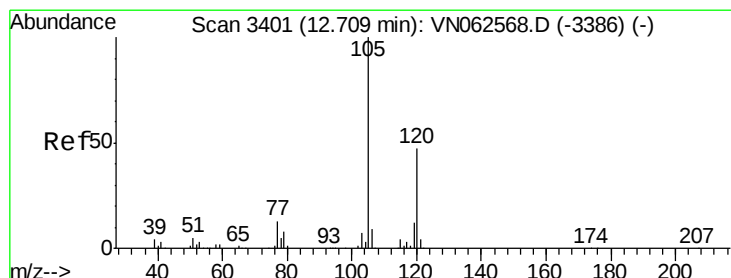
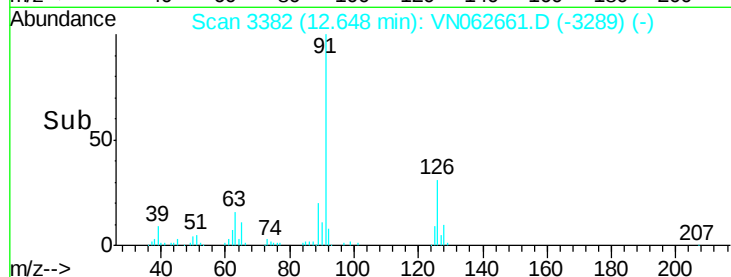
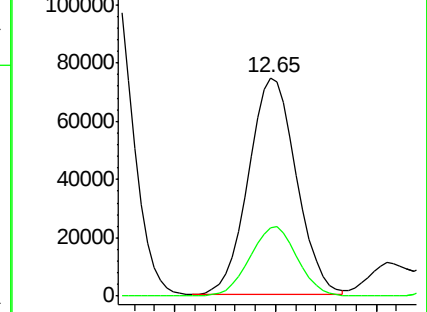
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Abundance Ion 91.00 (90.70 to 91.70): VN062661.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062661.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.596 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062661.D

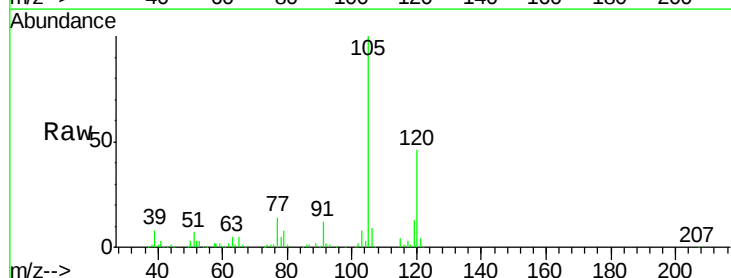
Acq: 30 Jul 2020 10:57

Tgt Ion: 105 Resp: 153513

Ion Ratio Lower Upper

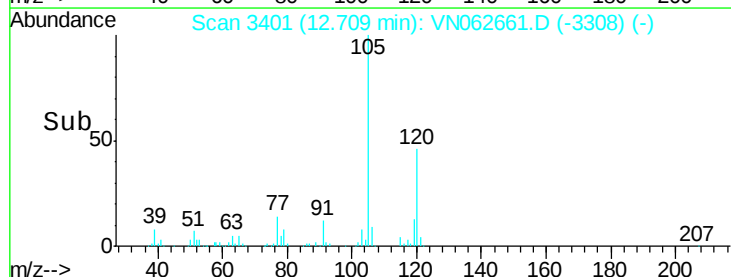
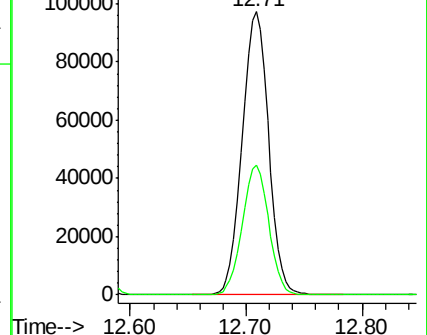
105 100

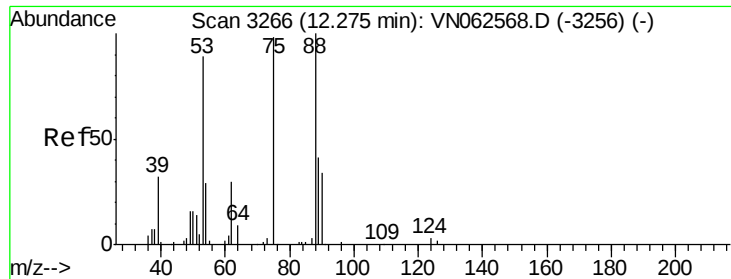
120 45.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062661.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062661.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.961 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

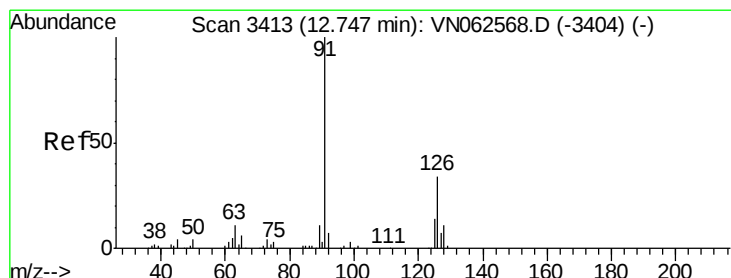
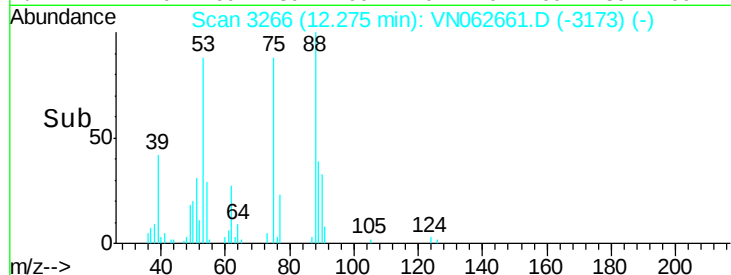
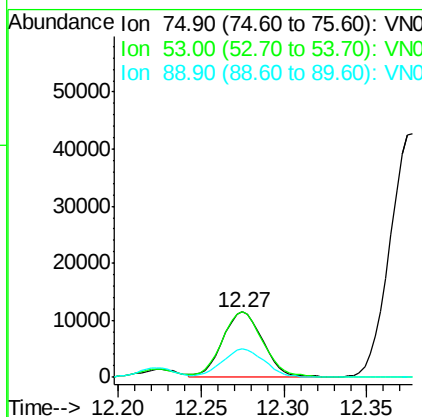
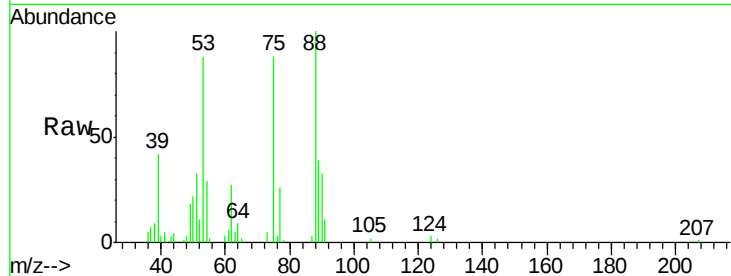
ClientSampleId :

VN0730WBS01

Tot Ion:	75	Resp:	19615
Ion Ratio	Lower	Upper	
75	100		
53	100.7	75.4	113.0
89	44.7	34.5	51.7

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#82

4-Chlorotoluene

Concen: 18.284 ug/l

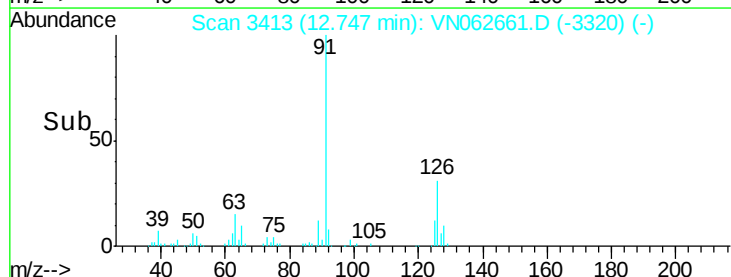
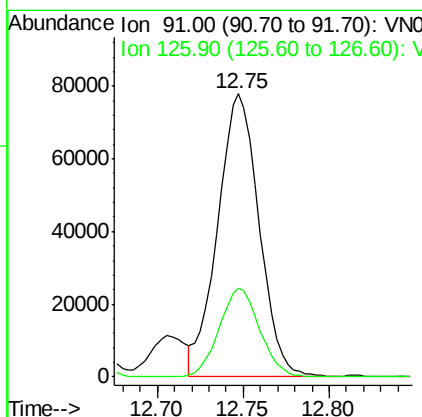
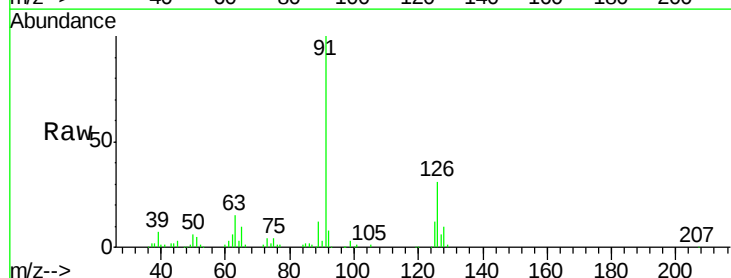
RT: 12.75 min Scan# 3413

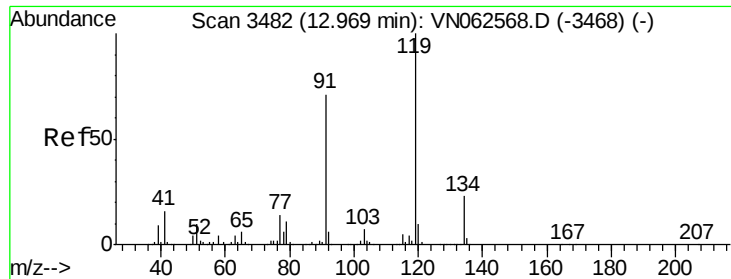
Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Tgt Ion:	91	Resp:	129744
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.4	46.4





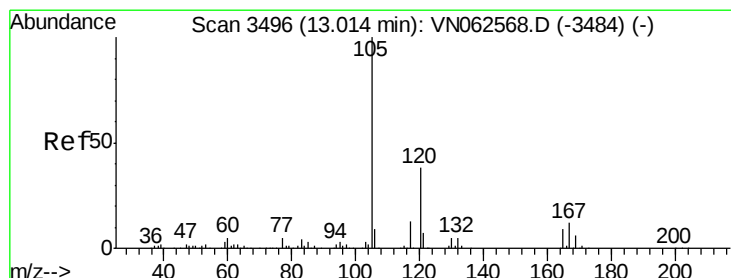
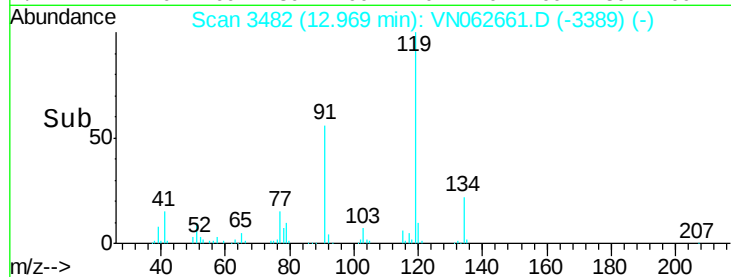
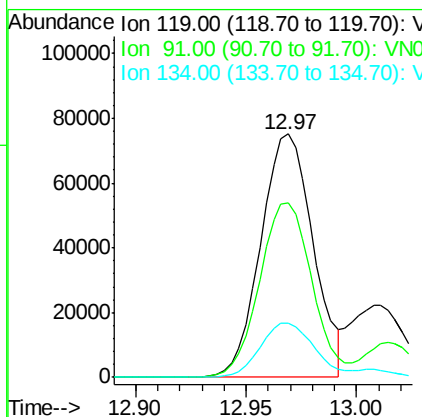
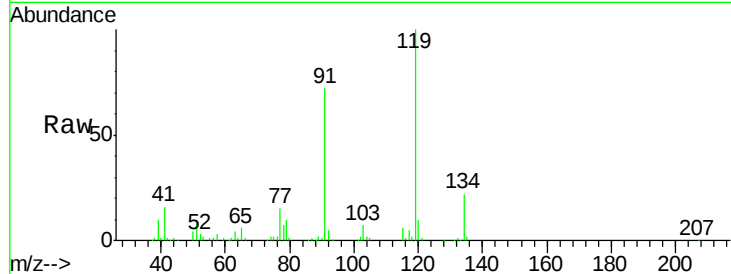
#83
 tert-Butylbenzene
 Concen: 19.002 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.3	34.6	103.8
134	23.1	11.5	34.4

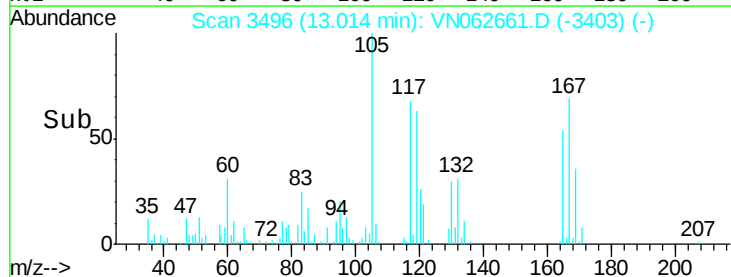
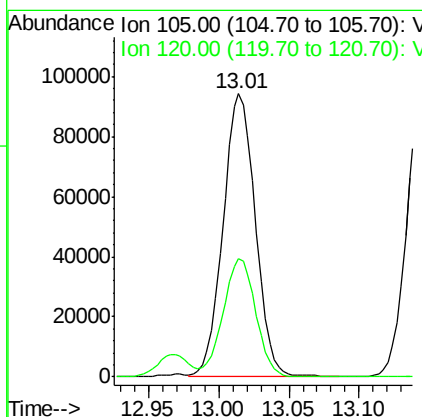
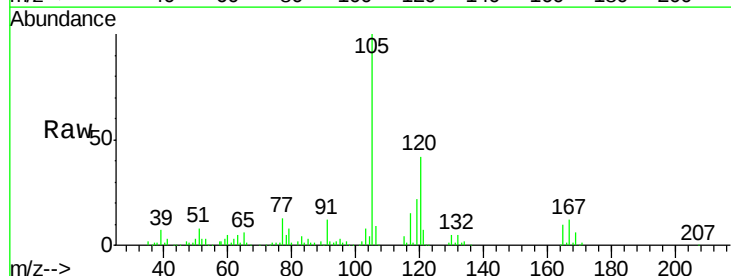
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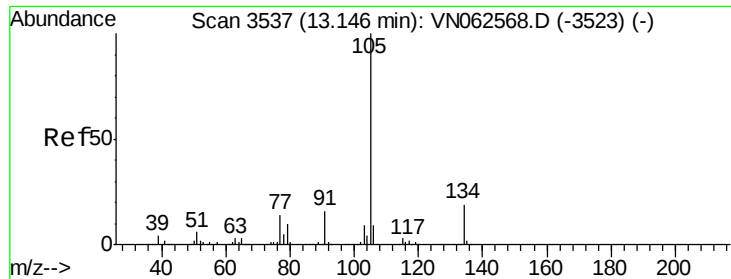
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.391 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.7	22.1	66.3





#85

sec-Butylbenzene

Concen: 19.540 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tot Ion:105 Resp: 170166

Ion Ratio Lower Upper

105 100

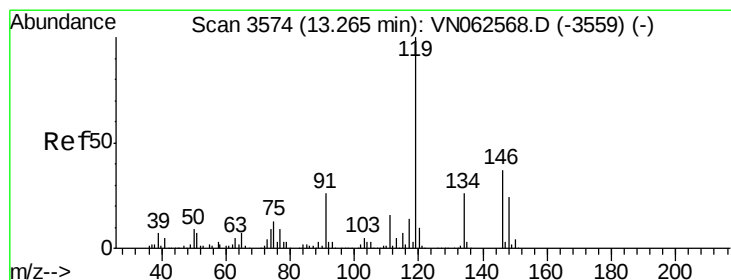
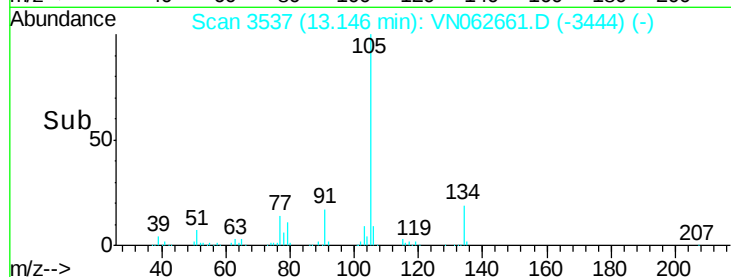
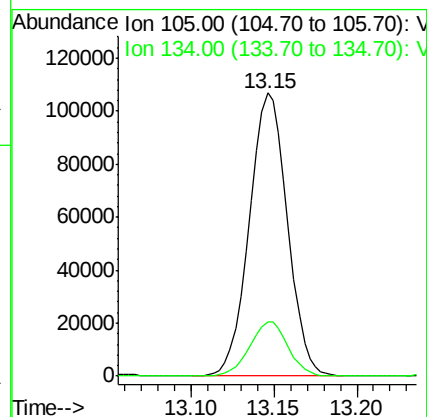
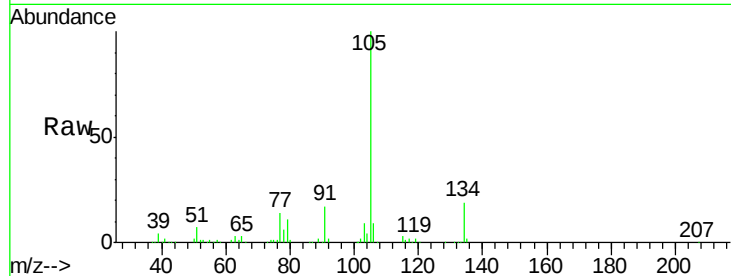
134 19.2 9.5 28.5

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#86

p-Isopropyltoluene

Concen: 19.965 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

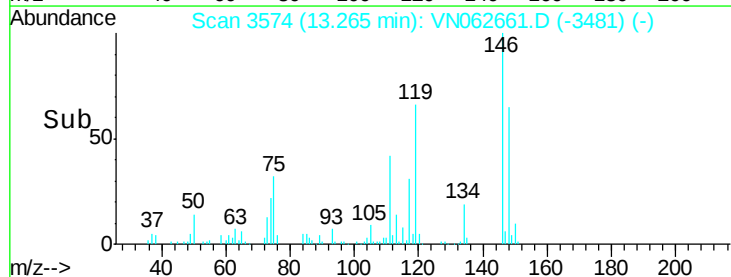
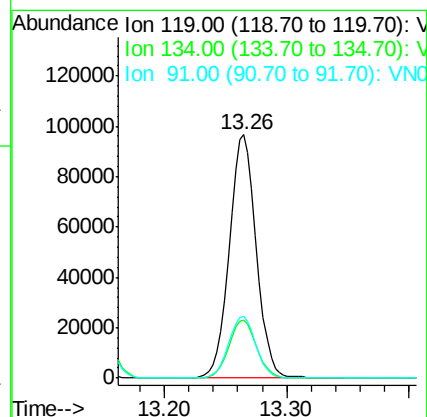
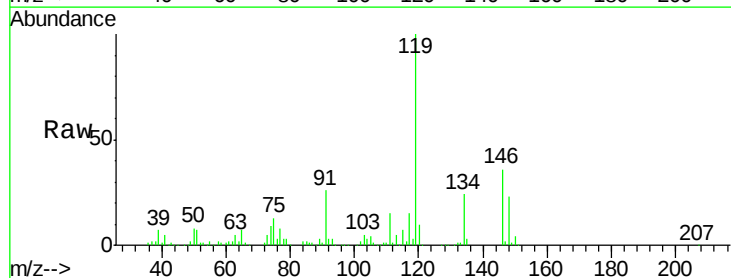
Tgt Ion:119 Resp: 149539

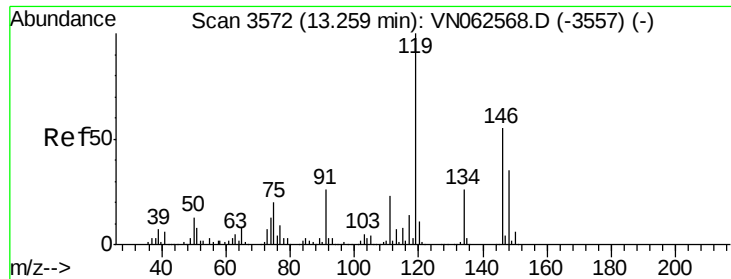
Ion Ratio Lower Upper

119 100

134 24.3 12.8 38.4

91 25.7 12.7 38.1





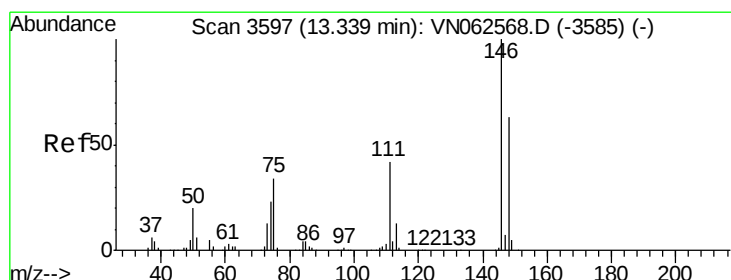
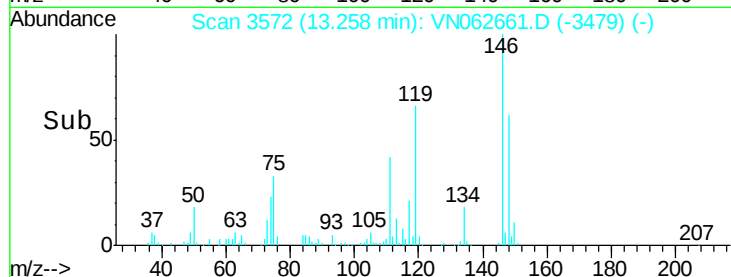
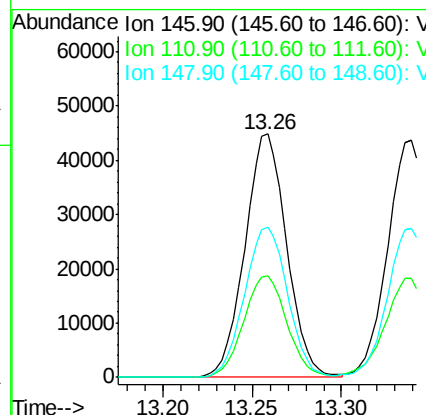
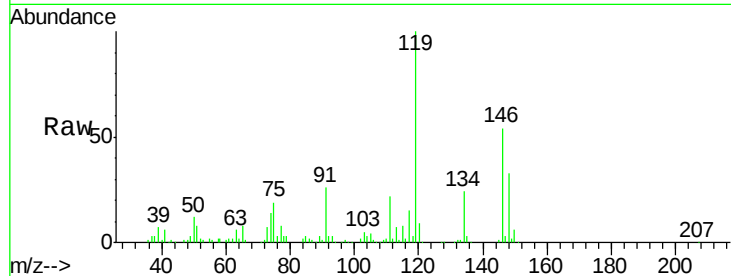
#87
 1,3-Dichlorobenzene
 Concen: 18.403 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	64.6
148	63.7	31.8	95.4

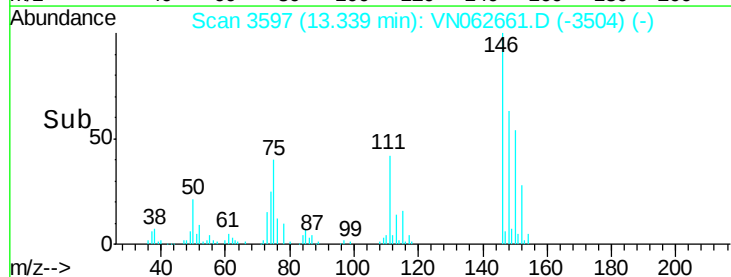
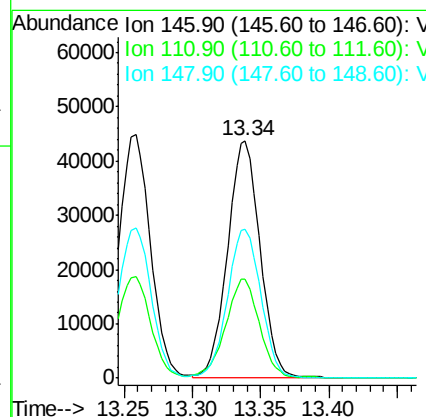
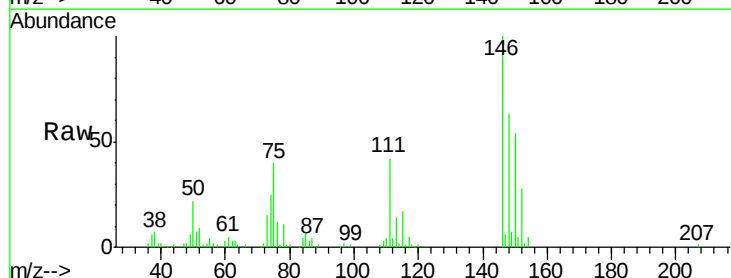
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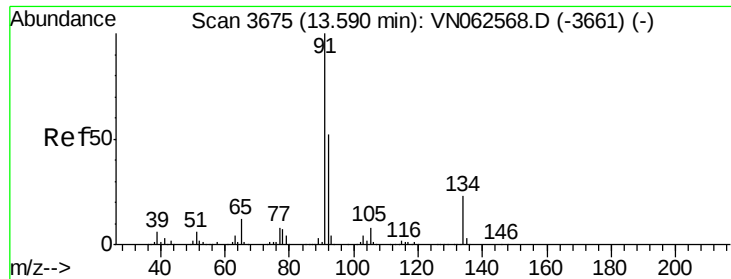
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#88
 1,4-Dichlorobenzene
 Concen: 18.516 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.1
148	64.6	31.6	94.8





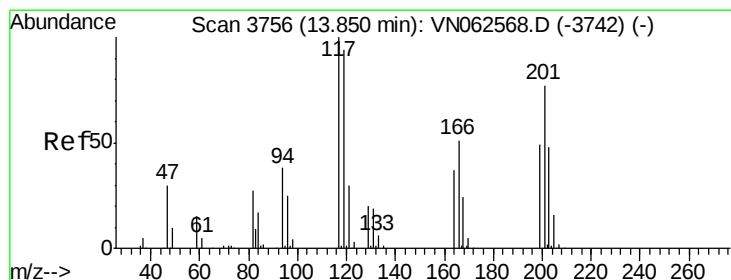
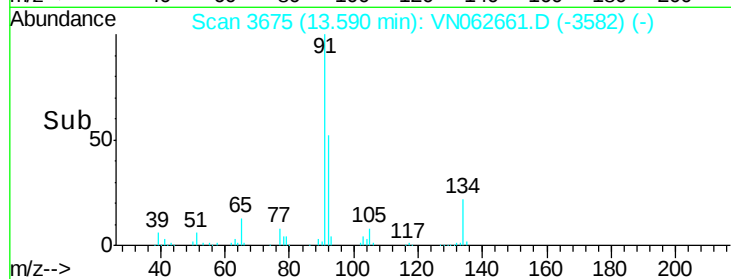
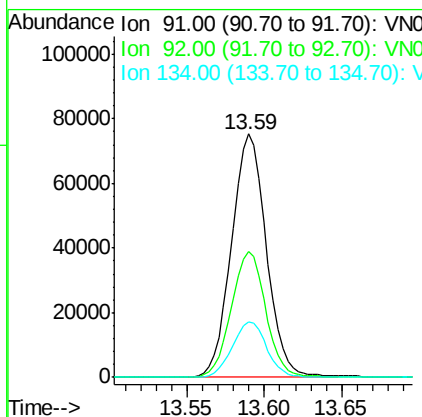
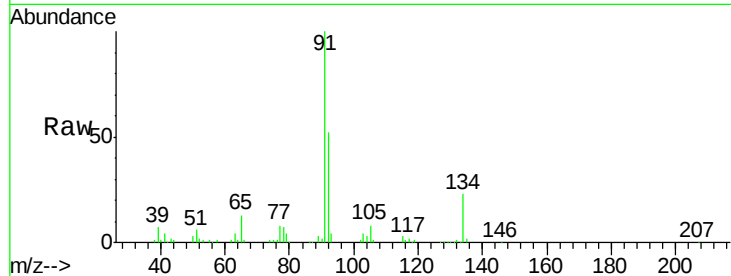
#89
n-Butylbenzene
Concen: 18.265 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.8	77.3
134	22.4	11.8	35.3

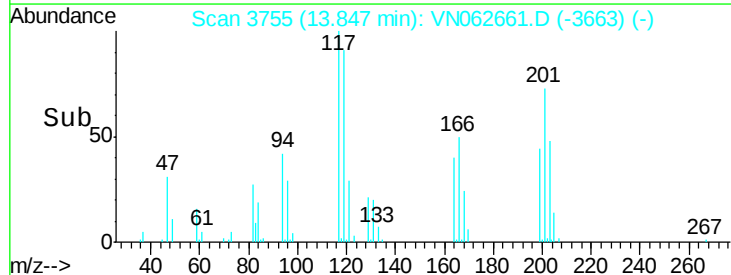
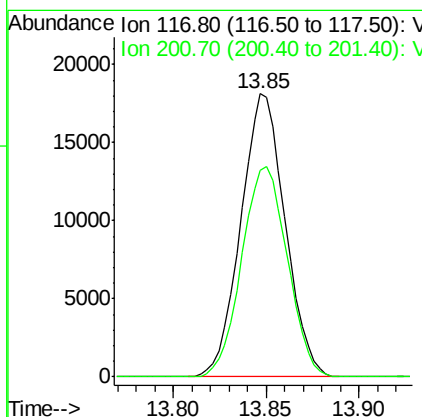
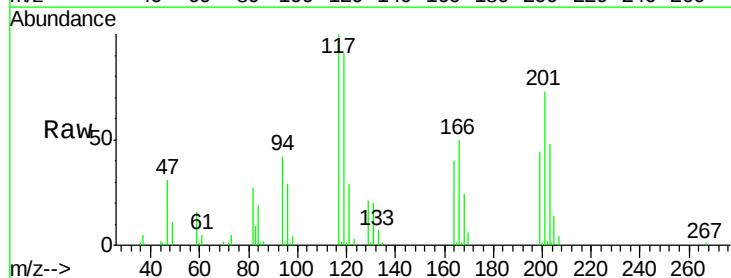
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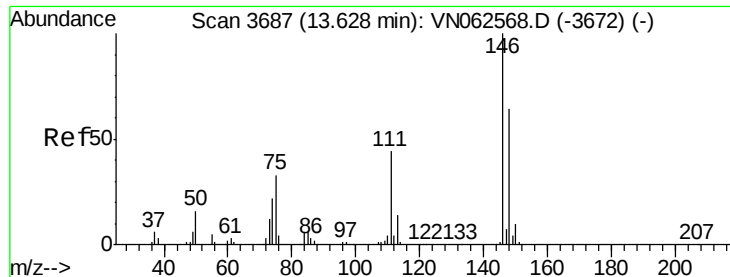
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#90
Hexachloroethane
Concen: 18.839 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.4	39.2	117.6





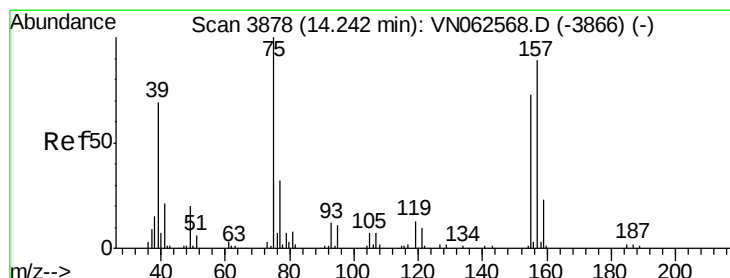
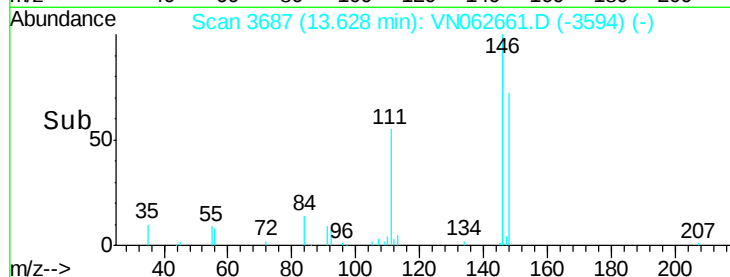
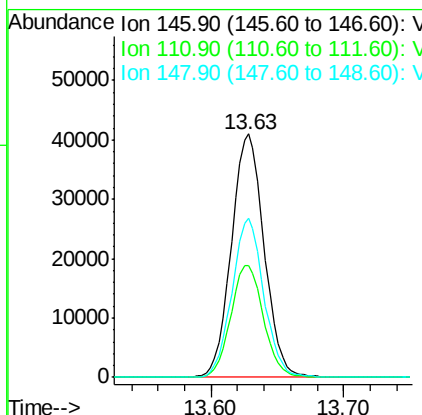
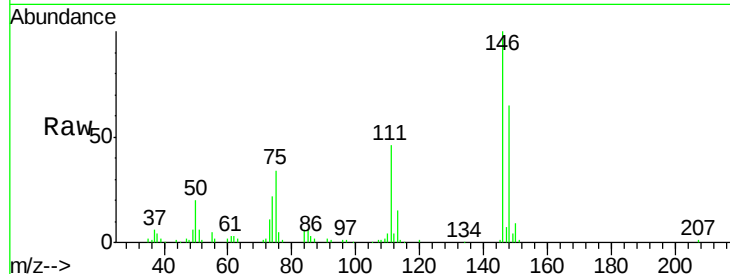
#91
 1,2-Dichlorobenzene
 Concen: 18.427 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.9	21.9	65.8
148	63.3	31.6	94.7

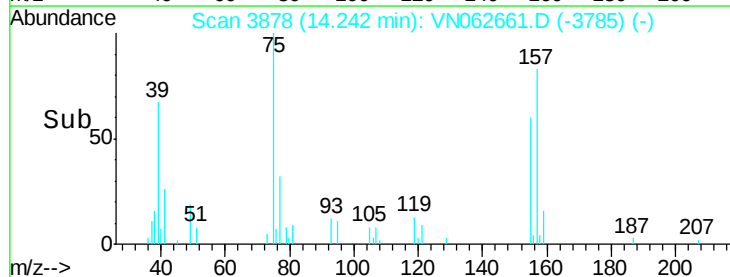
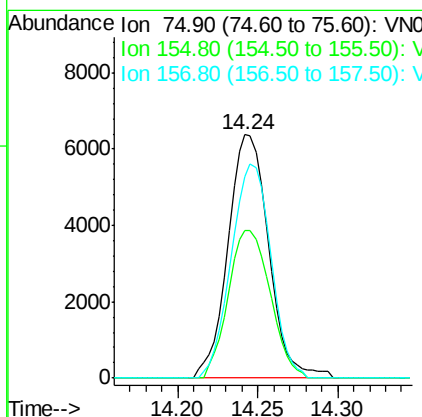
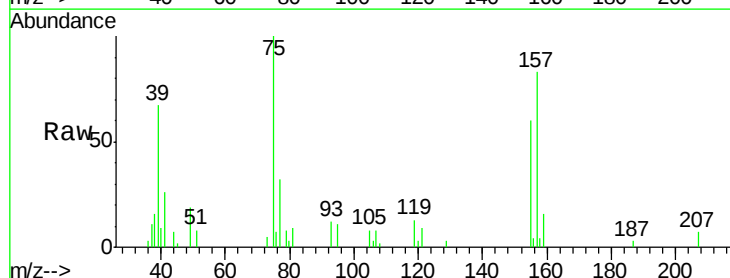
Manual Integrations
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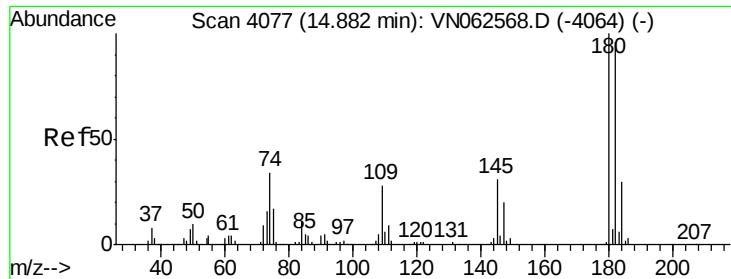
MMDadoda
 7/31/2020 11:56:47 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.557 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	62.4	35.9	107.5
157	85.7	45.0	135.0





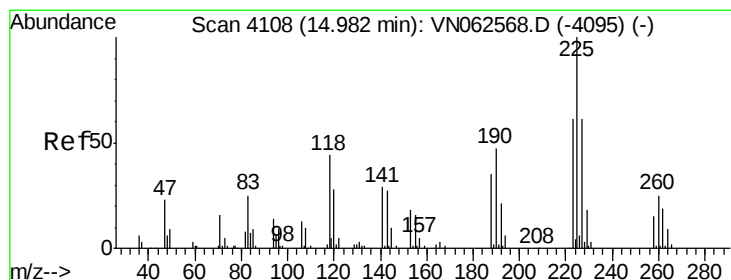
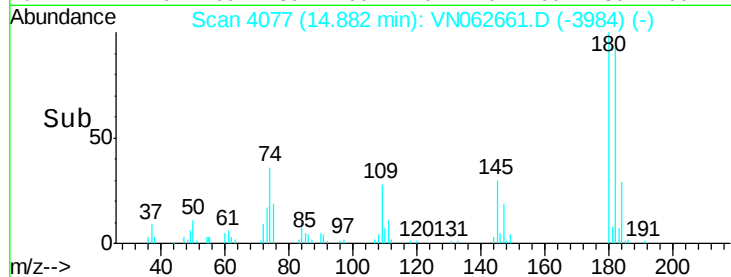
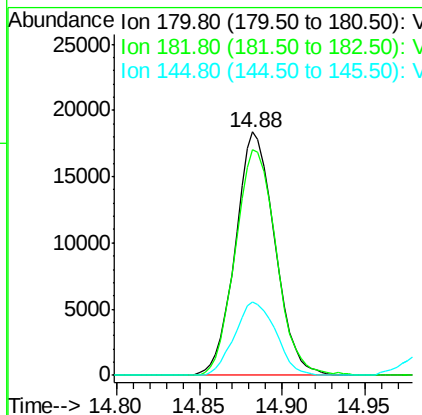
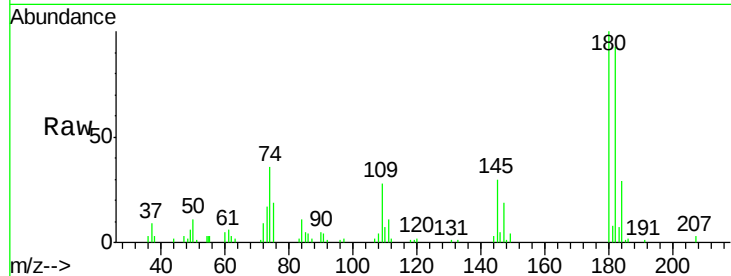
#93
 1,2,4-Trichlorobenzene
 Concen: 17.344 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.3
145	31.3	15.3	45.9

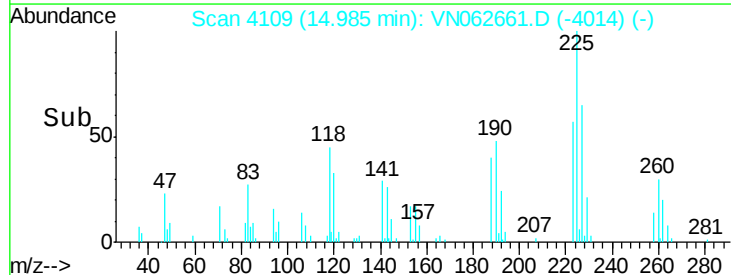
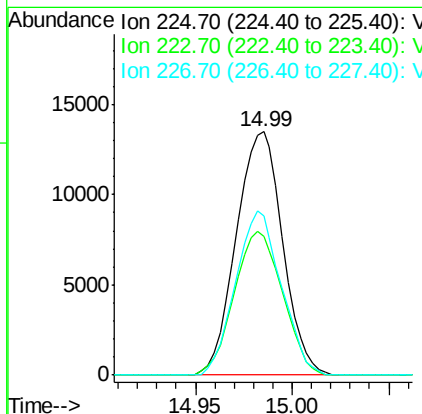
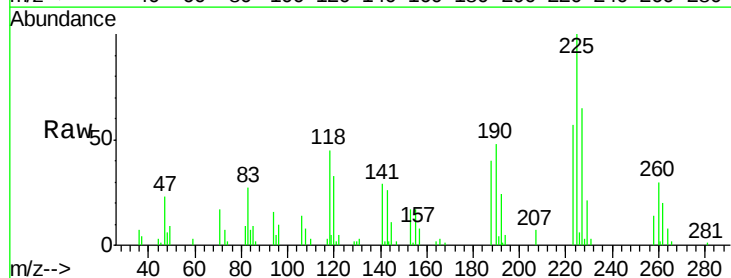
Manual Integrations
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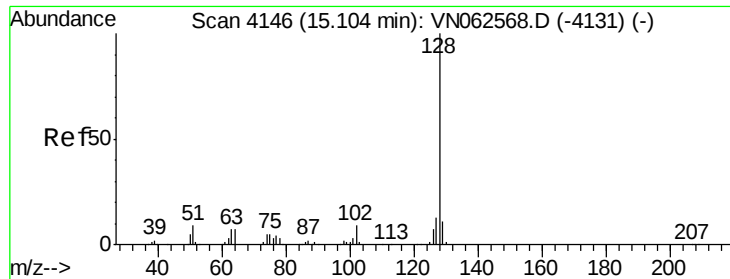
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#94
 Hexachlorobutadiene
 Concen: 21.603 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	32.0	96.0
227	66.3	31.1	93.2





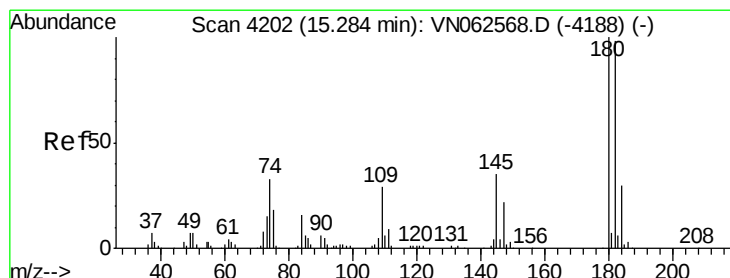
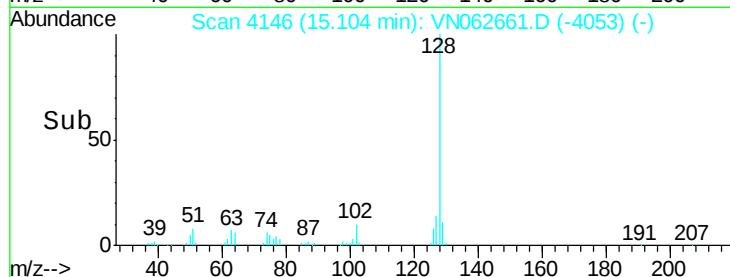
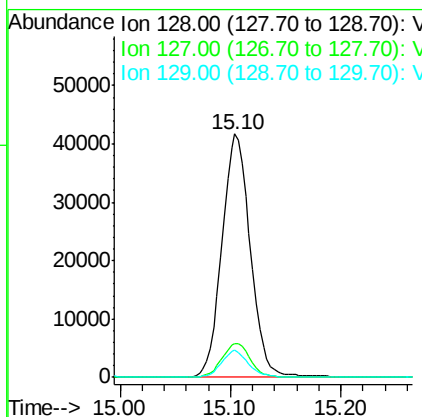
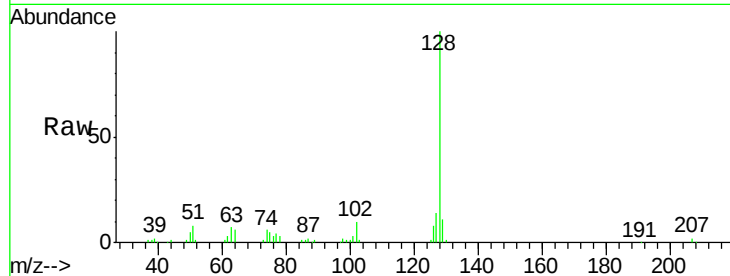
#95
Naphthalene
Concen: 16.717 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	10.4	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 16.878 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	48.1	144.3
145	34.6	16.7	50.1

