

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061435.D
 Acq On : 18 May 2020 15:27
 Operator : JC/MD
 Sample : VN0518WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 4:25:13 PM

Quant Time: May 18 18:29:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	277953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	512631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	483577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	217816	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
35) Dibromofluoromethane	7.55	113	149317	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	
50) Toluene-d8	10.06	98	646077	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.37	95	235104	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43252	18.714	ug/l	99
3) Chloromethane	2.03	50	71486	18.964	ug/l	99
4) Vinyl Chloride	2.16	62	103594	19.202	ug/l	100
5) Bromomethane	2.54	94	59373	19.314	ug/l	97
6) Chloroethane	2.67	64	70612	19.446	ug/l	99
7) Trichlorofluoromethane	2.98	101	123585	18.869	ug/l	99
8) Diethyl Ether	3.37	74	35710	18.718	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53373	19.596	ug/l	98
10) Methyl Iodide	3.91	142	66601	20.132	ug/l	99
11) Tert butyl alcohol	4.72	59	53422	111.766	ug/l	100
12) 1,1-Dichloroethene	3.70	96	52503	18.428	ug/l	98
13) Acrolein	3.57	56	31792	80.128	ug/l	98
14) Allyl chloride	4.28	41	83515	18.012	ug/l	94
15) Acrylonitrile	4.93	53	137742	97.268	ug/l	99
16) Acetone	3.77	43	113510	100.097	ug/l	100
17) Carbon Disulfide	4.01	76	142111	21.417	ug/l	98
18) Methyl Acetate	4.27	43	56588	19.232	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	206932	19.139	ug/l	100
20) Methylene Chloride	4.50	84	62641	18.374	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	61124	18.605	ug/l	97
22) Diisopropyl ether	5.90	45	201162	19.307	ug/l	98
23) Vinyl Acetate	5.84	43	815851	98.467	ug/l	99
24) 1,1-Dichloroethane	5.80	63	117050	19.260	ug/l	99
25) 2-Butanone	6.79	43	186123	98.542	ug/l	98
26) 2,2-Dichloropropane	6.77	77	110825	19.129	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	72784	18.755	ug/l	97
28) Bromochloromethane	7.15	49	54411	21.093	ug/l	99
29) Tetrahydrofuran	7.17	42	122073	97.590	ug/l	98
30) Chloroform	7.33	83	123432	19.446	ug/l	96
31) Cyclohexane	7.61	56	109047	18.511	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	111832	19.280	ug/l	100
36) 1,1-Dichloropropene	7.75	75	90829	18.949	ug/l	100
37) Ethyl Acetate	6.88	43	79467	18.281	ug/l	98
38) Carbon Tetrachloride	7.73	117	82787	18.757	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	111555	19.054	ug/l	99
40) Benzene	8.00	78	277100	19.183	ug/l	97
41) Methacrylonitrile	7.14	41	38442m	20.938	ug/l	
42) 1,2-Dichloroethane	8.08	62	98998	19.022	ug/l	100
43) Isopropyl Acetate	8.13	43	145605	19.205	ug/l	98
44) Trichloroethene	8.80	130	70992	18.756	ug/l	97
45) 1,2-Dichloropropane	9.08	63	71047	19.650	ug/l	98
46) Dibromomethane	9.17	93	48087	18.972	ug/l	99
47) Bromodichloromethane	9.37	83	102407	19.176	ug/l	94
48) Methyl methacrylate	9.17	41	64864	18.520	ug/l	98
49) 1,4-Dioxane	9.17	88	17650	458.705	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	406043	98.311	ug/l	99
52) Toluene	10.12	92	176604	19.043	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	111873	19.113	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	118004	18.965	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	68597	19.565	ug/l	98
56) Ethyl methacrylate	10.40	69	105281	19.207	ug/l	99
57) 1,3-Dichloropropane	10.68	76	117968	19.469	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	226481	94.130	ug/l	99
59) 2-Hexanone	10.72	43	289202	96.783	ug/l	100
60) Dibromochloromethane	10.88	129	72971	18.815	ug/l	99
61) 1,2-Dibromoethane	10.98	107	70520	19.129	ug/l	99
64) Tetrachloroethene	10.60	164	69030	18.451	ug/l	97
65) Chlorobenzene	11.41	112	186625	18.925	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	66429	18.790	ug/l	99
67) Ethyl Benzene	11.48	91	342225	19.012	ug/l	100
68) m/p-Xylenes	11.60	106	255915	37.455	ug/l	99
69) o-Xylene	11.92	106	126364	19.111	ug/l	97
70) Styrene	11.94	104	201761	18.427	ug/l	97
71) Bromoform	12.10	173	44129	17.424	ug/l #	99
73) Isopropylbenzene	12.22	105	337176	19.190	ug/l	99
74) N-amyl acetate	12.04	43	122032	18.975	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	92443	19.123	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	81965m	17.453	ug/l	
77) Bromobenzene	12.50	156	71203	18.673	ug/l	96
78) n-propylbenzene	12.56	91	384404	19.202	ug/l	99
79) 2-Chlorotoluene	12.65	91	222468	18.801	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	279963	19.460	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	31999	18.075	ug/l	97
82) 4-Chlorotoluene	12.75	91	232305	18.960	ug/l	99
83) tert-Butylbenzene	12.97	119	235847	19.139	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	273192	18.975	ug/l	99
85) sec-Butylbenzene	13.15	105	319043	19.147	ug/l	99
86) p-Isopropyltoluene	13.26	119	281260	19.008	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	129890	18.613	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	130938	18.735	ug/l	99
89) n-Butylbenzene	13.59	91	253960	18.892	ug/l	100
90) Hexachloroethane	13.85	117	38105	19.002	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	127304	19.017	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19229	19.692	ug/l	97

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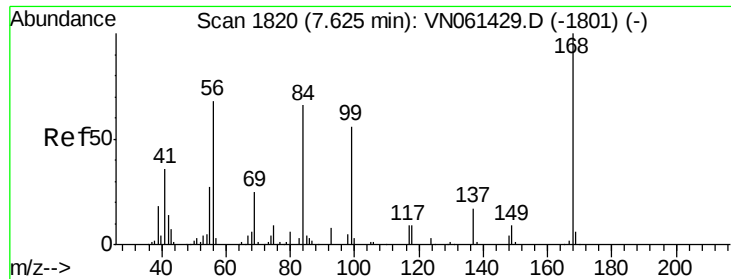
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	68028	18.742	ug/l	99
94) Hexachlorobutadiene	14.98	225	30712	19.043	ug/l	98
95) Naphthalene	15.10	128	219608	19.032	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	67386	18.649	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tot Ion:168 Resp: 277953

Ion Ratio Lower Upper

168 100

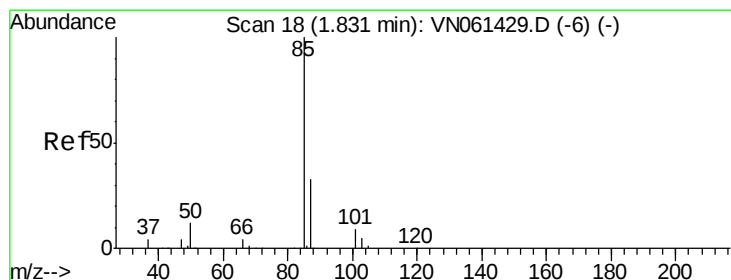
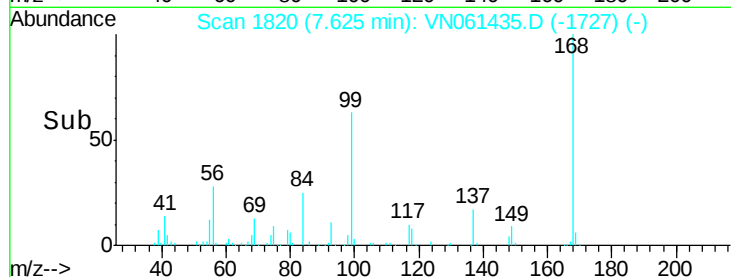
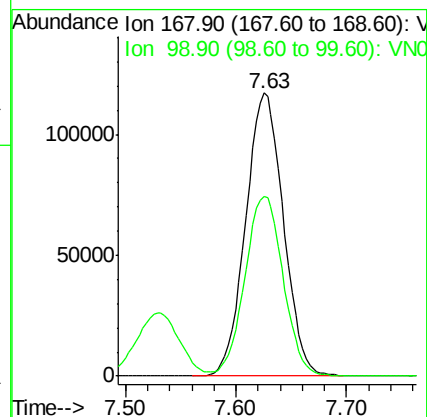
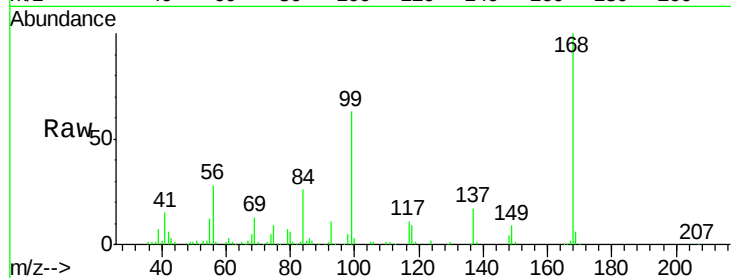
99 63.1 51.1 76.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.714 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061435.D

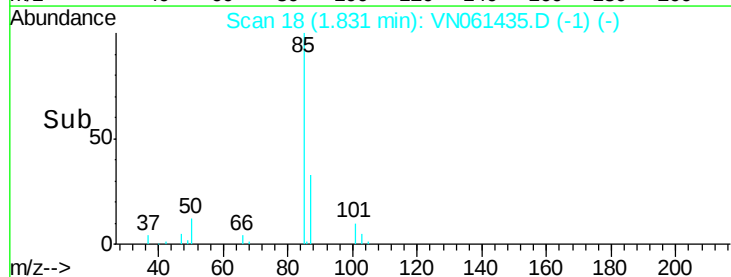
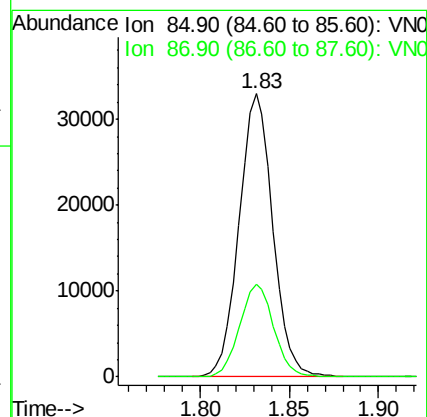
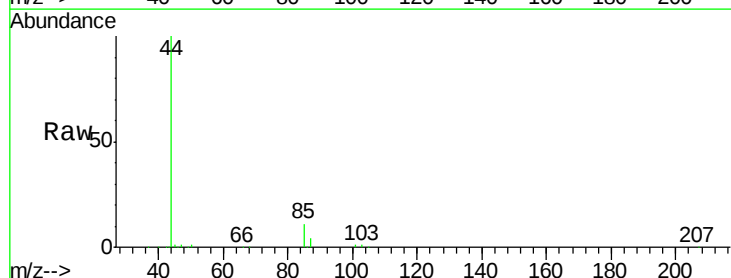
Acq: 18 May 2020 15:27

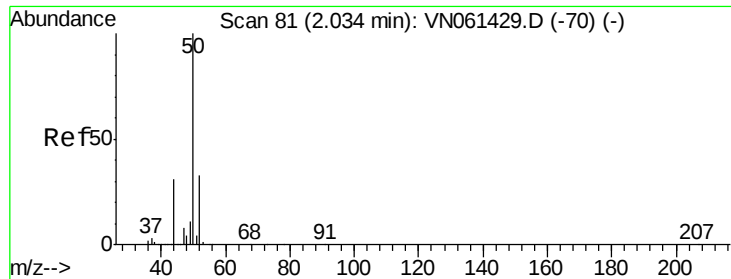
Tgt Ion: 85 Resp: 43252

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.8





#3

Chloromethane

Concen: 18.964 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tot Ion: 50 Resp: 71486

Ion Ratio Lower Upper

50 100

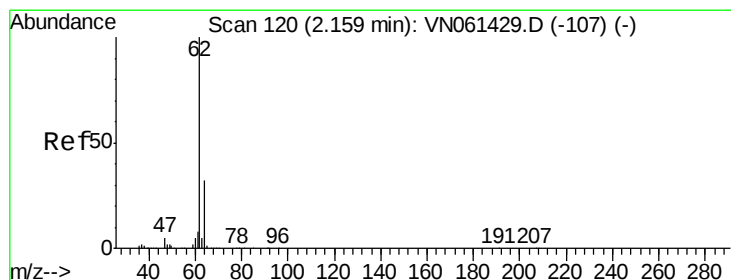
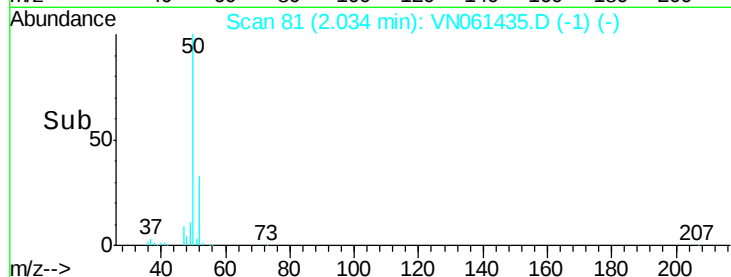
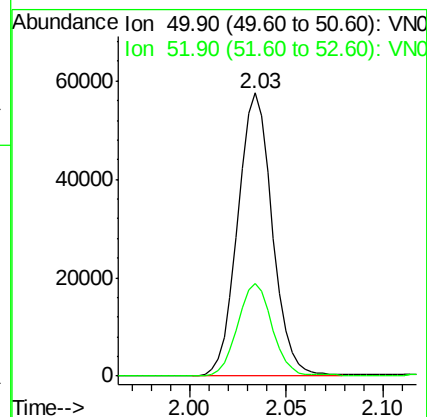
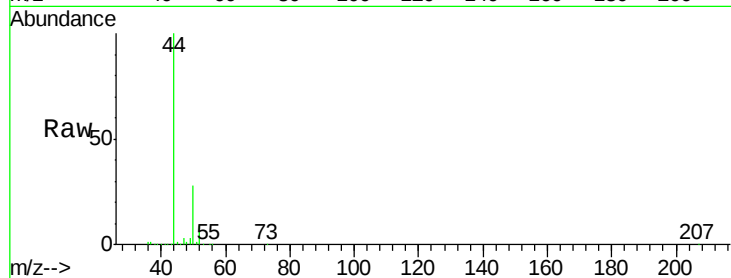
52 32.7 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.202 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061435.D

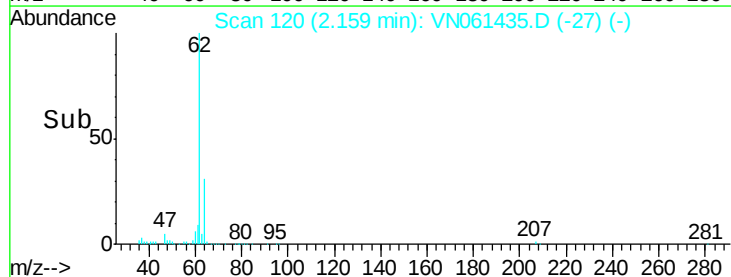
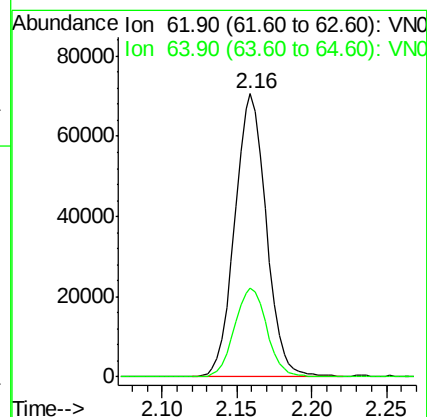
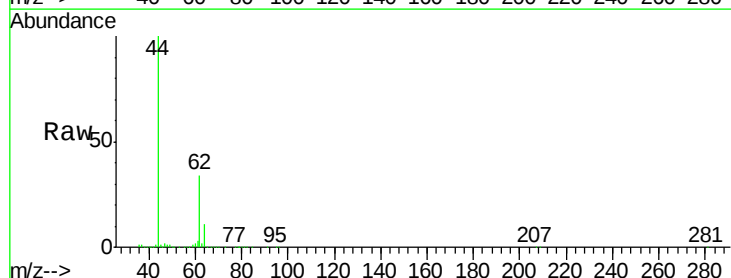
Acq: 18 May 2020 15:27

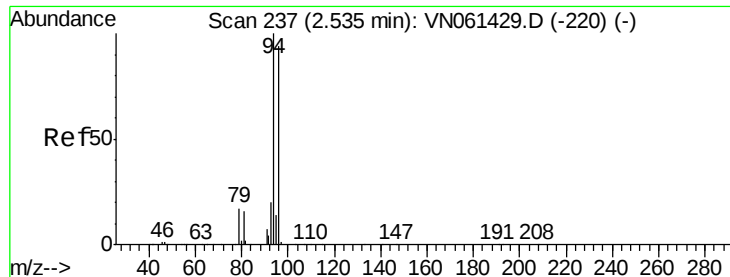
Tgt Ion: 62 Resp: 103594

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 19.314 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

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VN0518WBS01

Tot Ion: 94 Resp: 59373

Ion Ratio Lower Upper

94 100

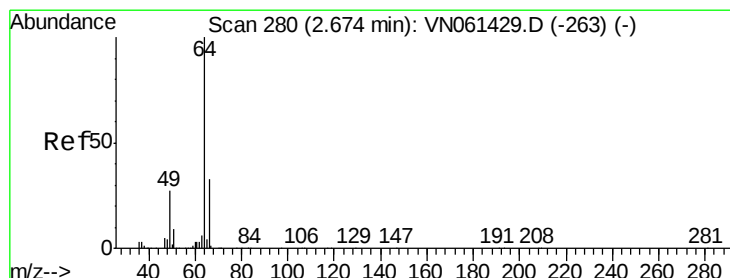
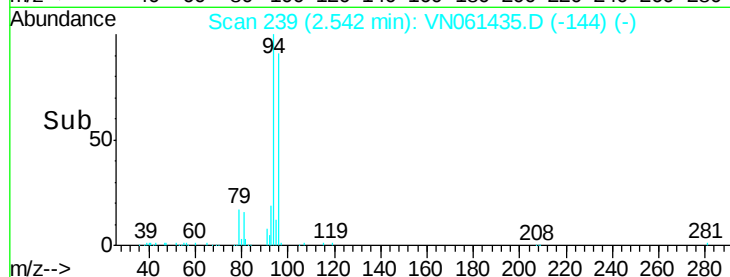
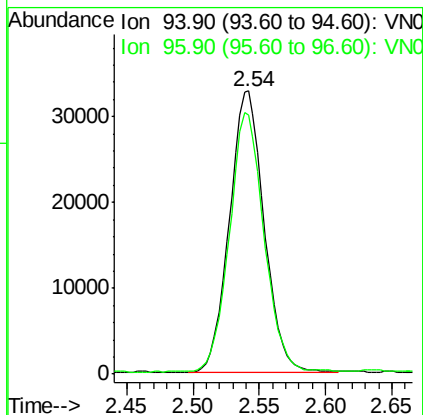
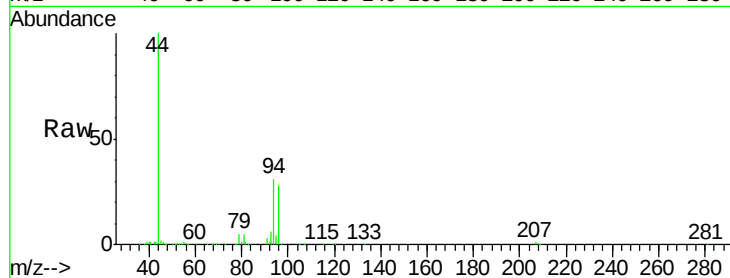
96 91.2 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 19.446 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.00 min

Lab File: VN061435.D

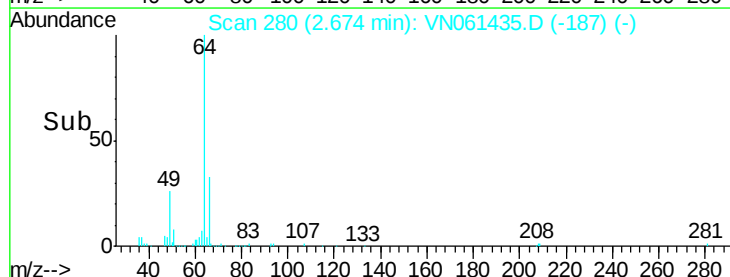
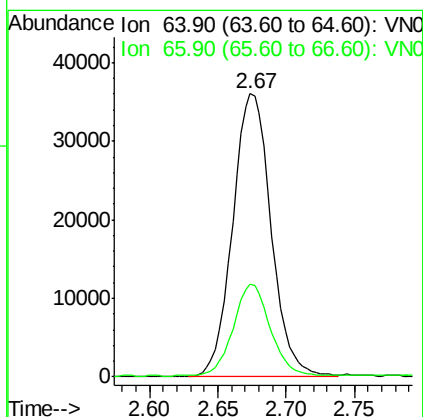
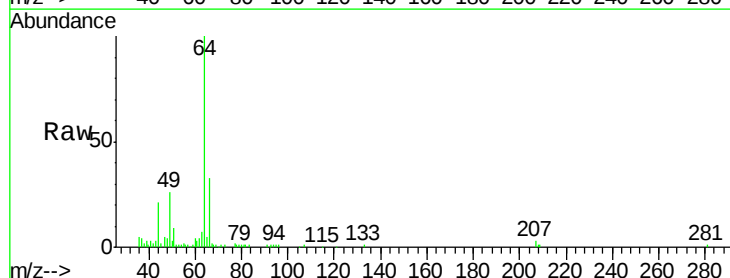
Acq: 18 May 2020 15:27

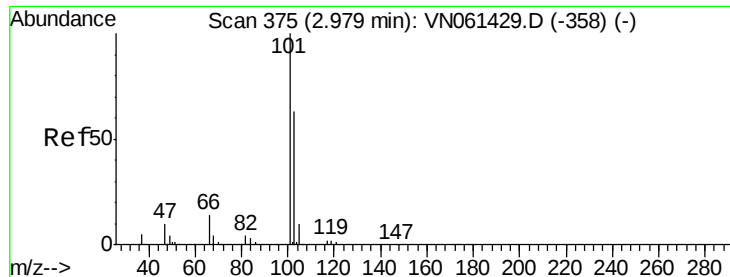
Tgt Ion: 64 Resp: 70612

Ion Ratio Lower Upper

64 100

66 32.2 26.3 39.5





#7

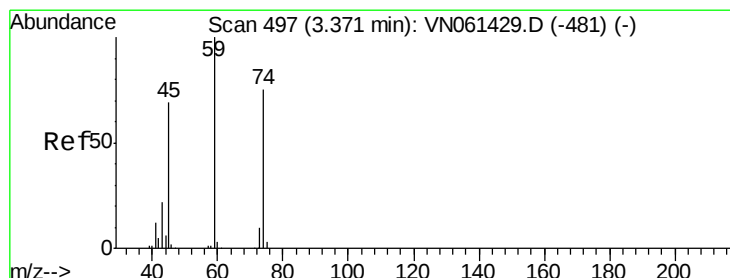
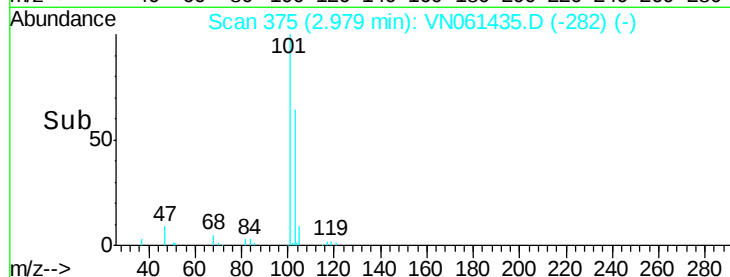
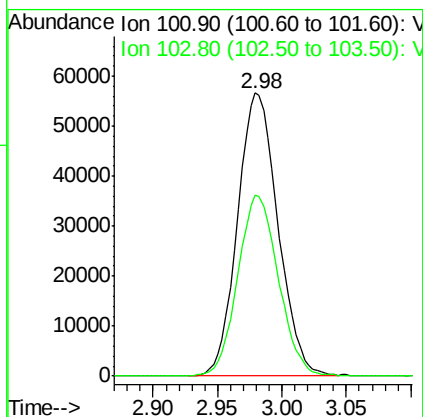
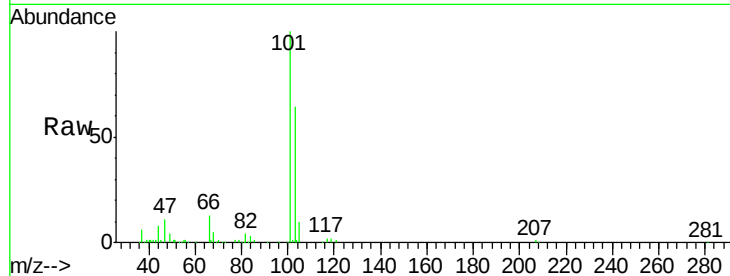
Trichlorofluoromethane
Concen: 18.869 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

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VN0518WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	123585		
103	63.8	50.2	75.4	

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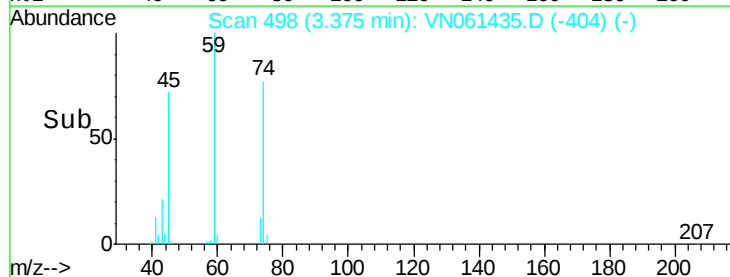
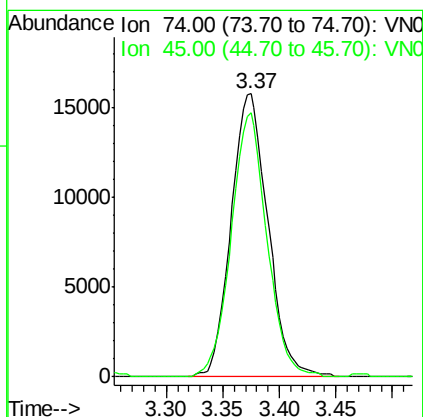
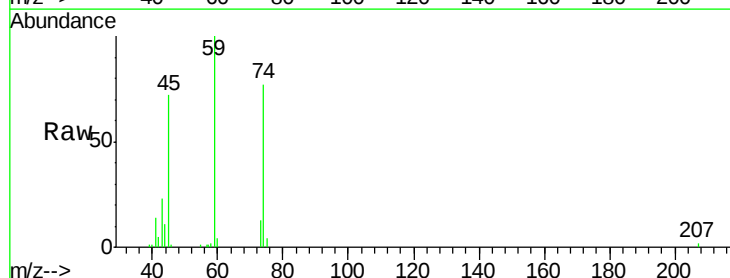
MMDadoda
5/19/2020 4:25:13 PM

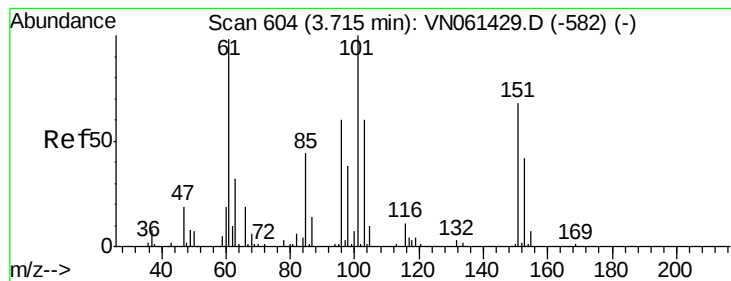


#8

Diethyl Ether
Concen: 18.718 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	35710		
45	90.6	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.596 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

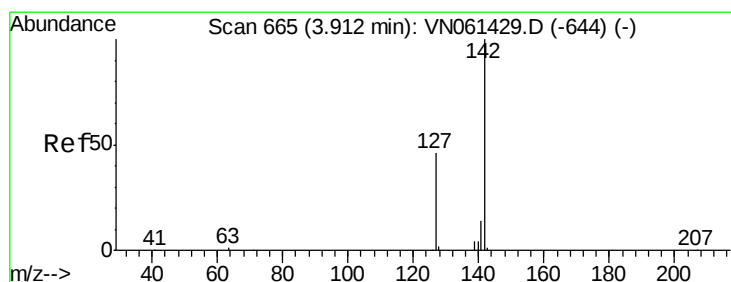
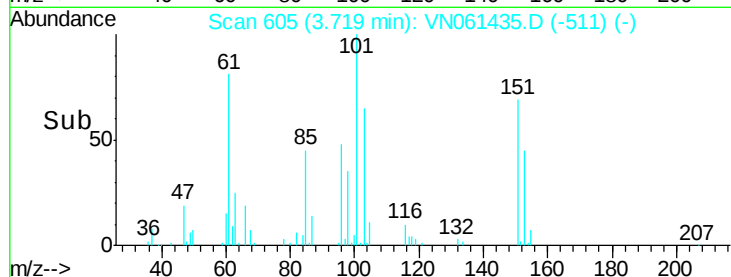
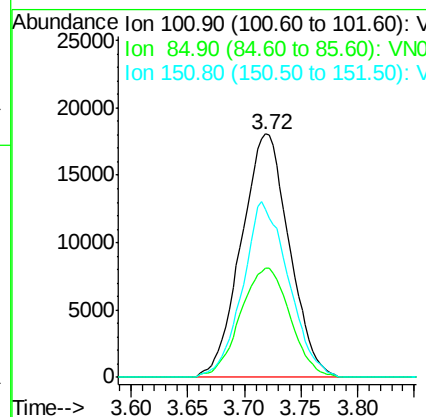
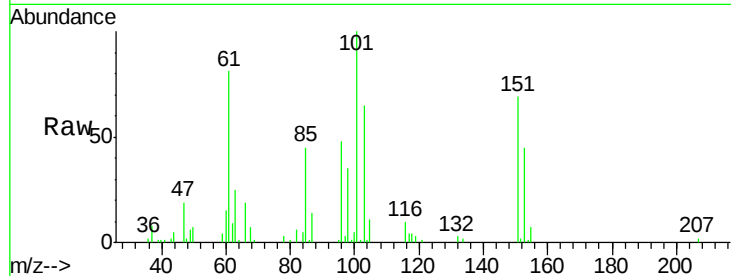
ClientSampleId :

VN0518WBS01

Tot Ion:	101	Resp:	53373
Ion Ratio	Lower	Upper	
101	100		
85	46.5	36.6	55.0
151	68.9	56.3	84.5

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#10

Methyl Iodide

Concen: 20.132 ug/l

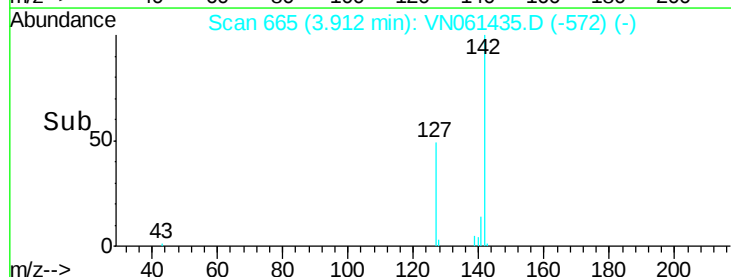
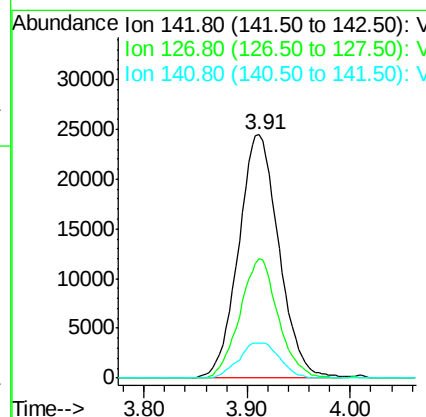
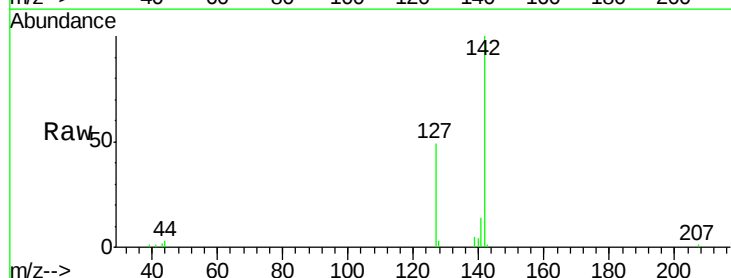
RT: 3.91 min Scan# 665

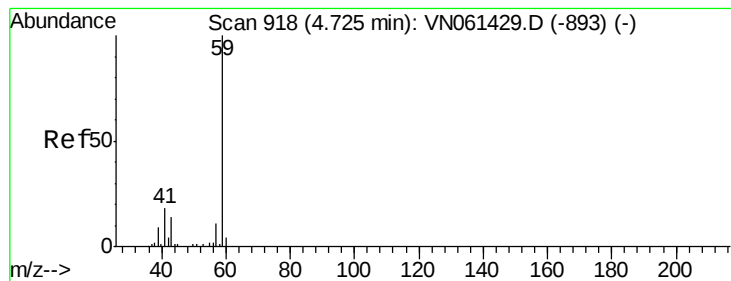
Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Tgt Ion:	142	Resp:	66601
Ion Ratio	Lower	Upper	
142	100		
127	46.5	36.7	55.1
141	14.6	11.5	17.3





#11

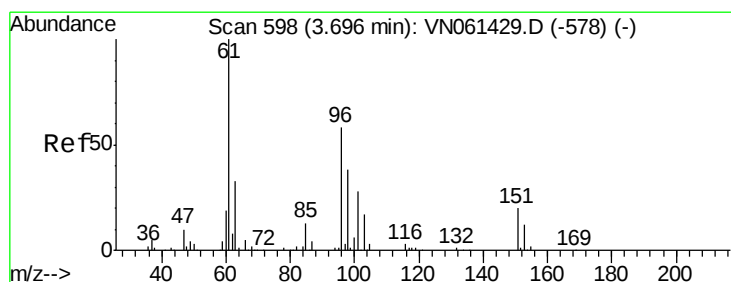
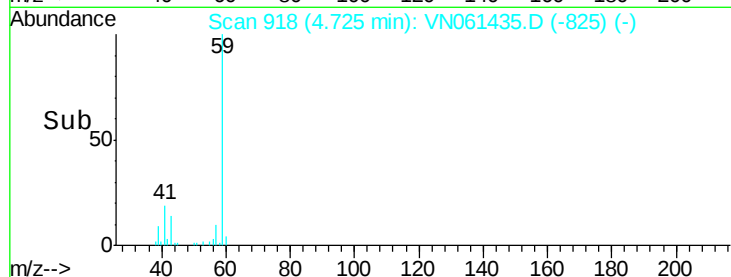
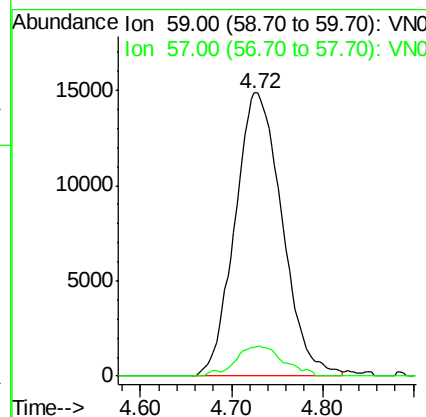
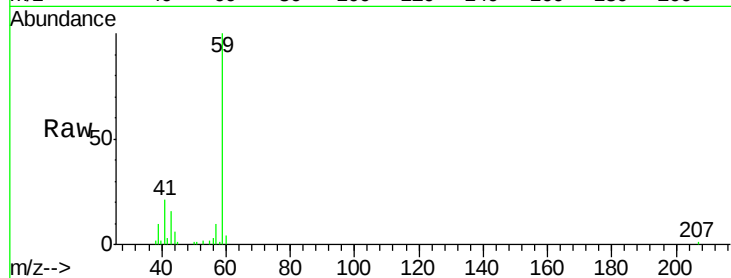
Tert butyl alcohol
Concen: 111.766 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

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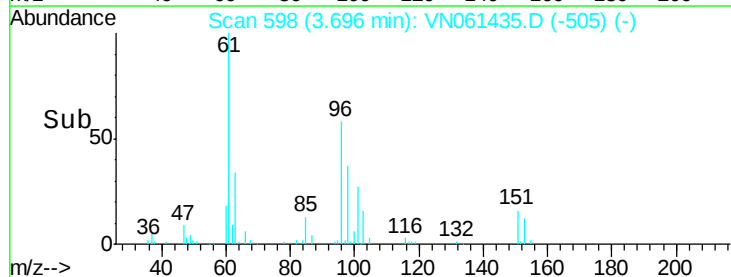
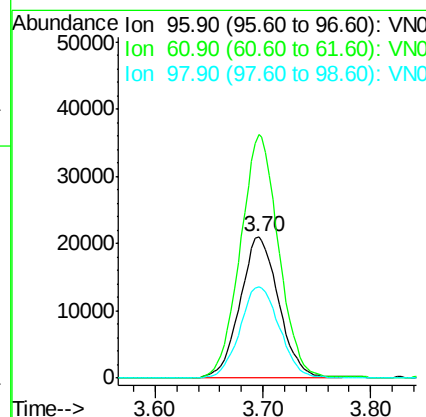
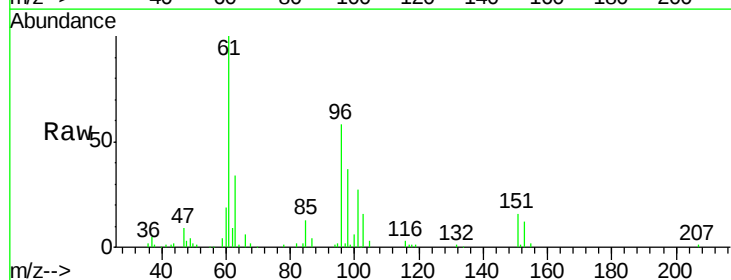
MMDadoda
5/19/2020 4:25:13 PM

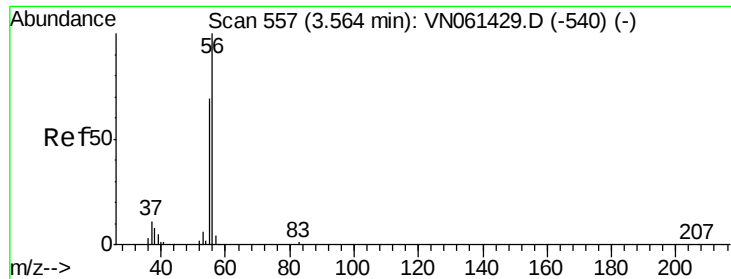


#12

1,1-Dichloroethene
Concen: 18.428 ug/l
RT: 3.70 min Scan# 598
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.8	138.7	208.1
98	64.3	53.0	79.6





#13

Acrolein

Concen: 80.128 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

ClientSampled :

VN0518WBS01

Tot Ion: 56 Resp: 31792

Ion Ratio Lower Upper

56 100

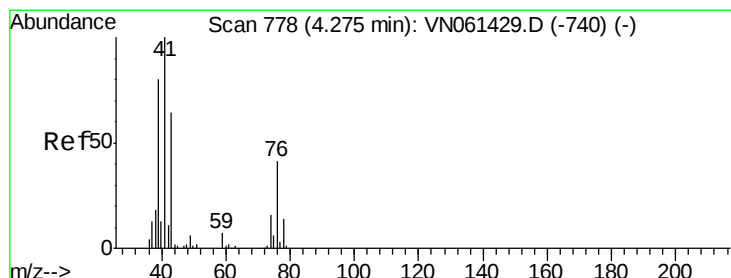
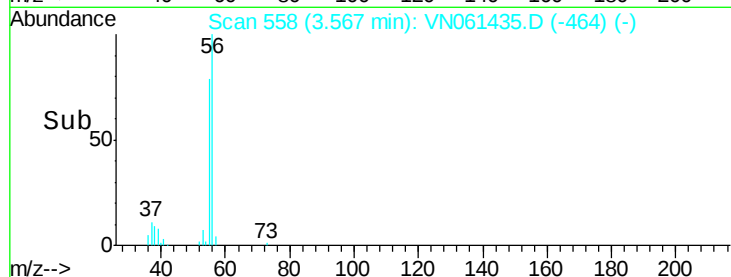
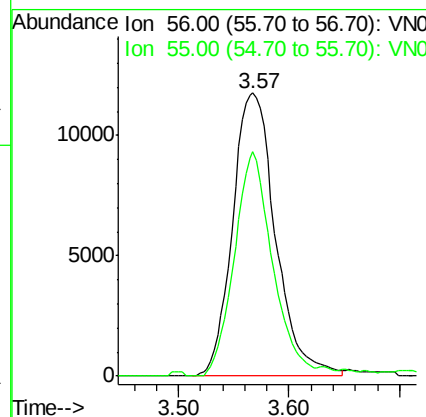
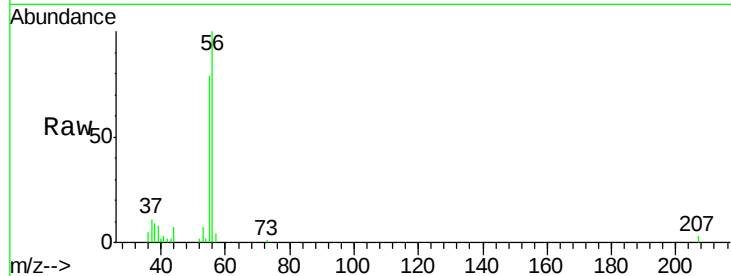
55 70.2 54.8 82.2

Manual Integrations

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#14

Allyl chloride

Concen: 18.012 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

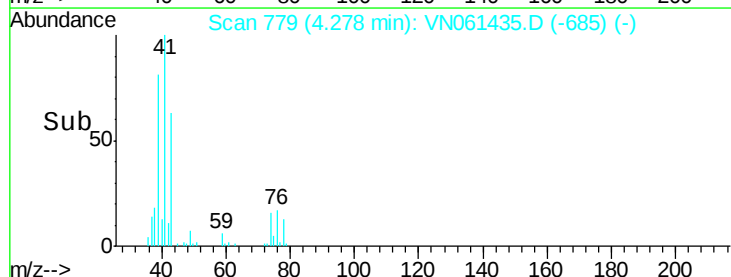
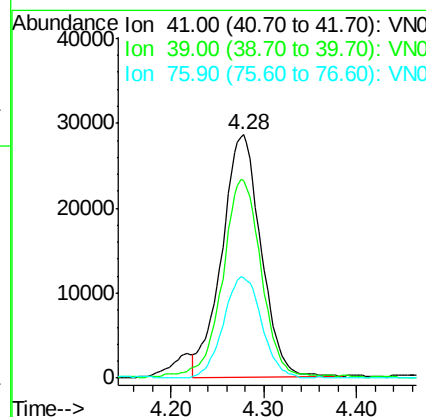
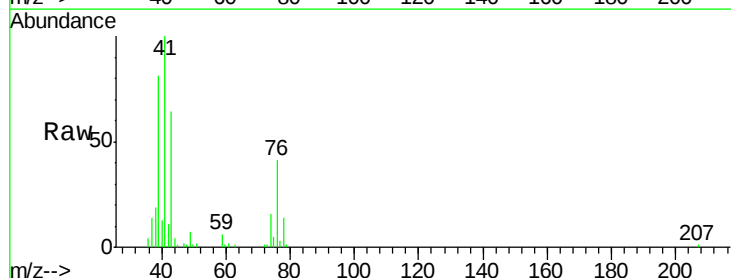
Tgt Ion: 41 Resp: 83515

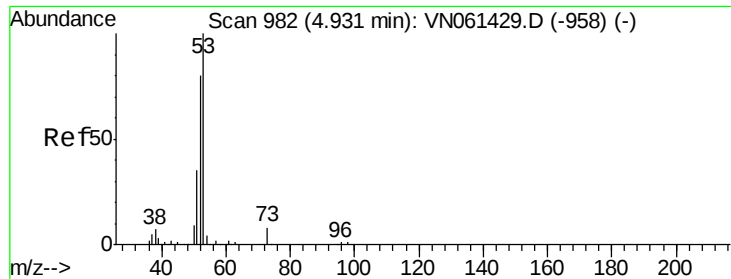
Ion Ratio Lower Upper

41 100

39 82.1 61.2 91.8

76 40.8 29.9 44.9





#15

Acrylonitrile

Concen: 97.268 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

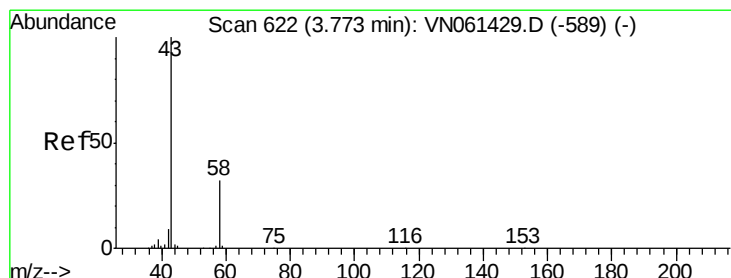
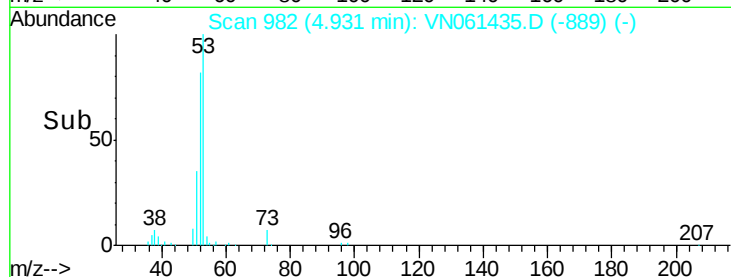
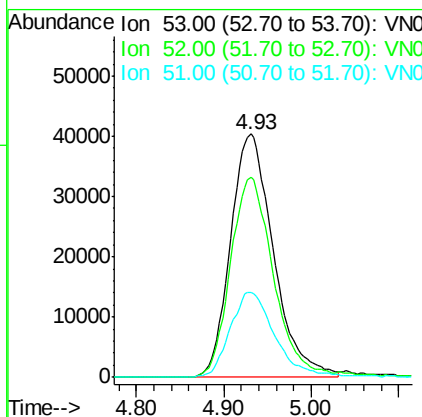
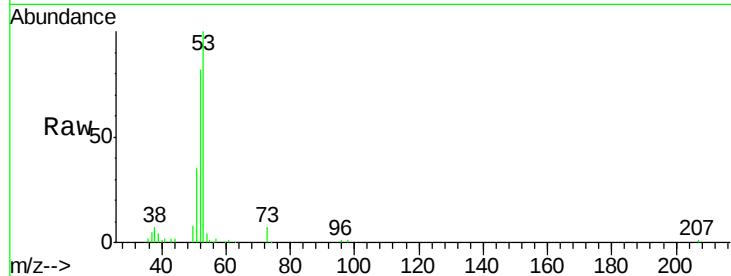
ClientSampleId :

VN0518WBS01

Tot Ion:	53	Resp:	137742
Ion Ratio	Lower	Upper	
53	100		
52	81.7	64.7	97.1
51	36.3	29.5	44.3

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#16

Acetone

Concen: 100.097 ug/l

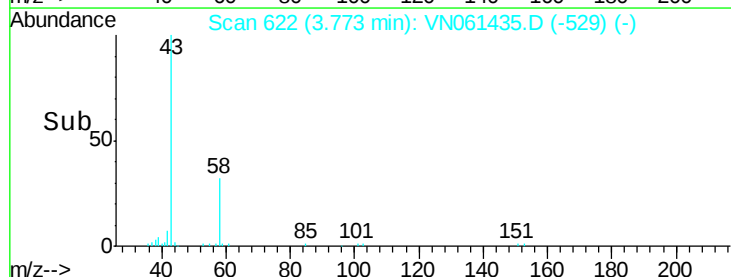
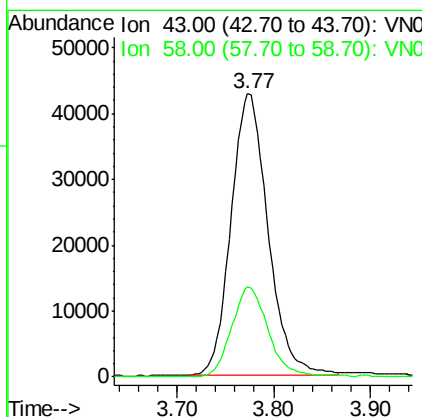
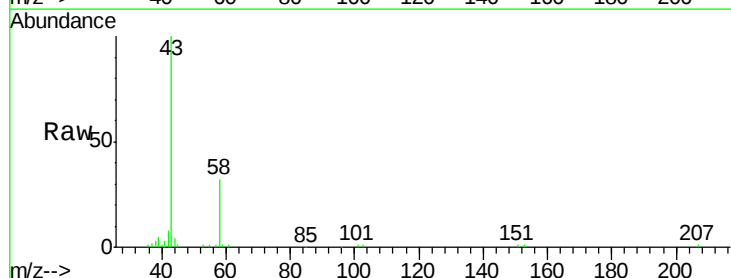
RT: 3.77 min Scan# 622

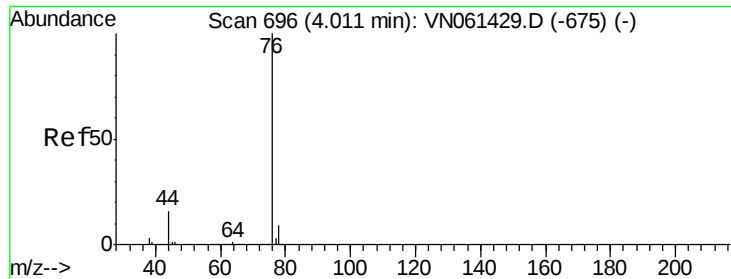
Delta R.T. 0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Tgt Ion:	43	Resp:	113510
Ion Ratio	Lower	Upper	
43	100		
58	32.0	25.6	38.4





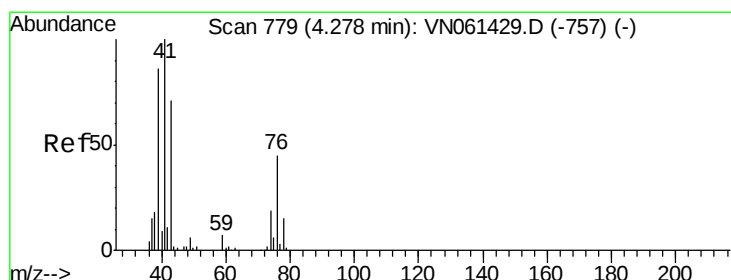
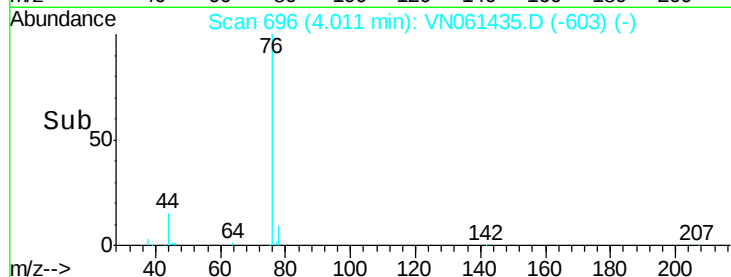
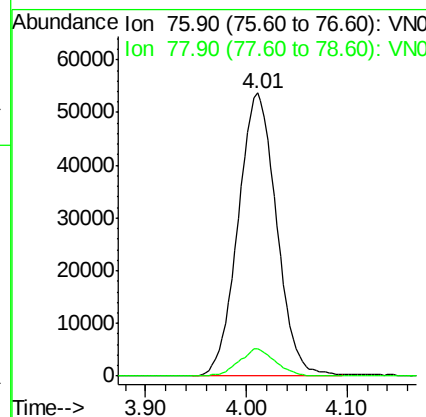
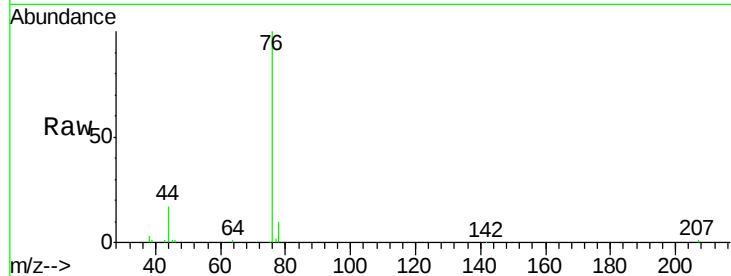
#17
Carbon Disulfide
Concen: 21.417 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion: 76 Resp: 142111
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

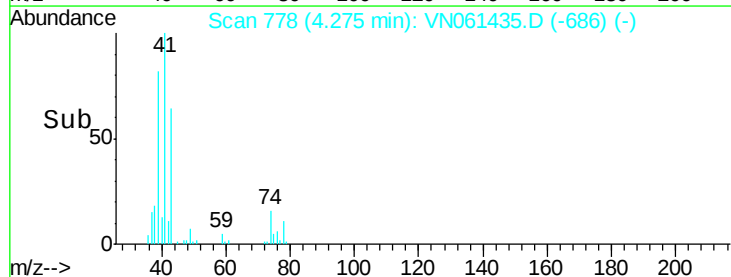
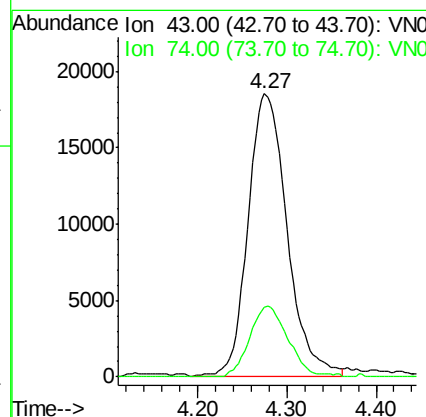
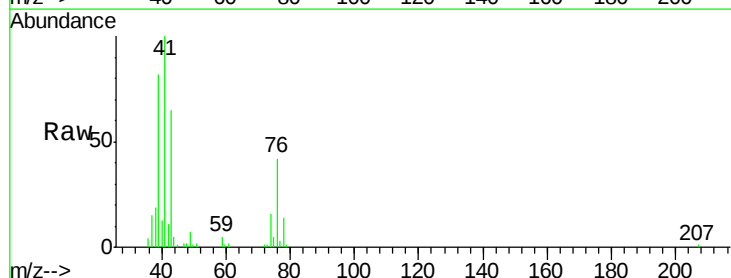
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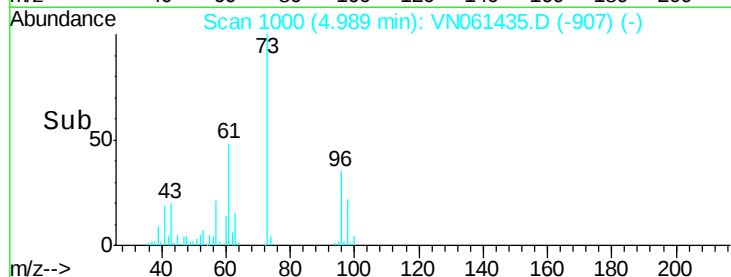
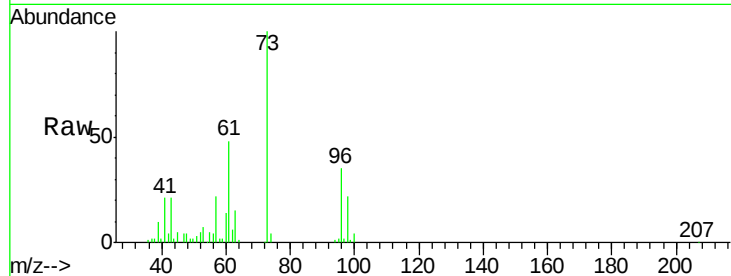
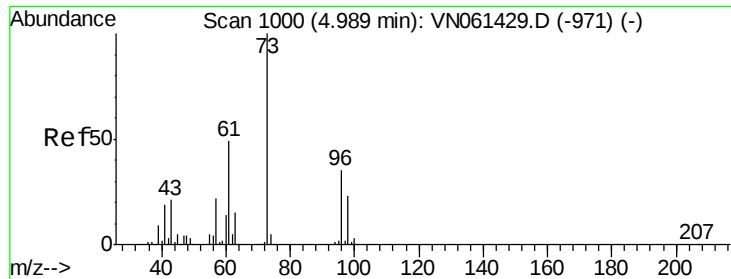
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#18
Methyl Acetate
Concen: 19.232 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion: 43 Resp: 56588
Ion Ratio Lower Upper
43 100
74 24.5 20.8 31.2





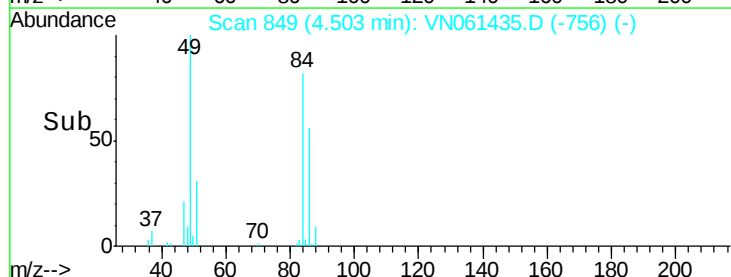
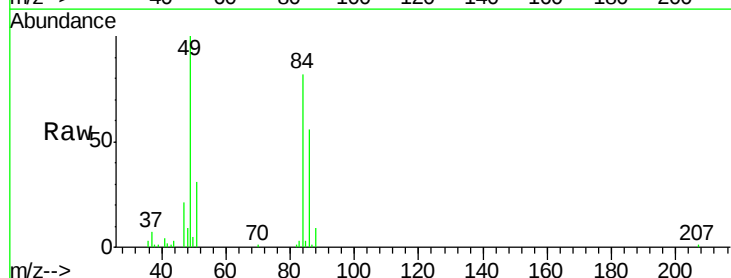
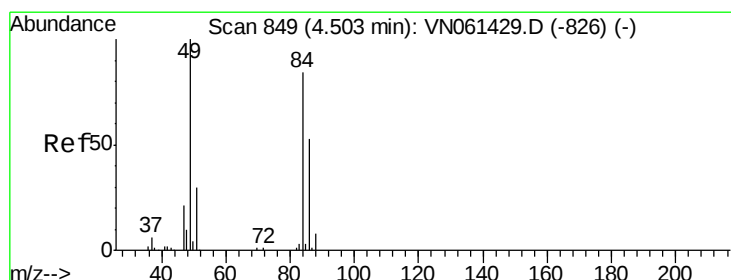
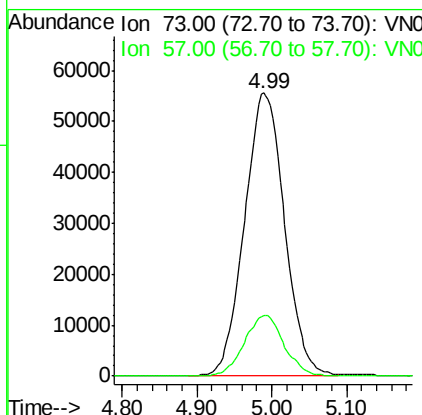
#19
Methyl tert-butyl Ether
Concen: 19.139 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tot Ion: 73 Resp: 206932
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

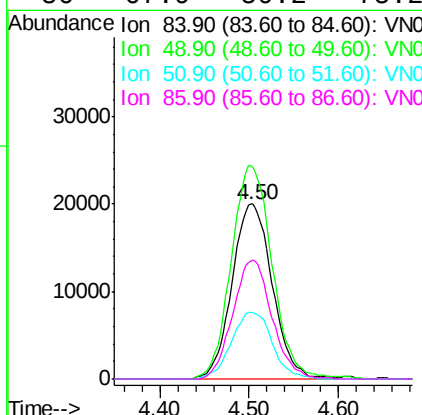
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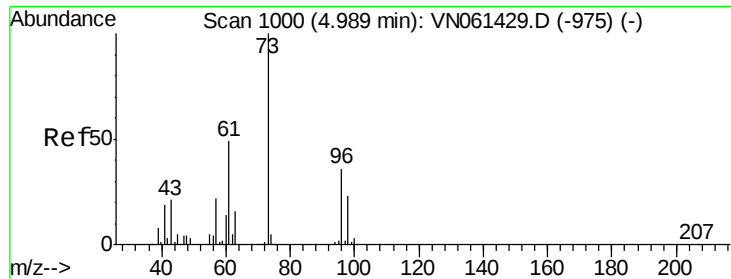
MMDadoda
5/19/2020 4:25:13 PM



#20
Methylene Chloride
Concen: 18.374 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion: 84 Resp: 62641
Ion Ratio Lower Upper
84 100
49 121.5 95.3 142.9
51 38.1 29.0 43.6
86 67.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.605 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

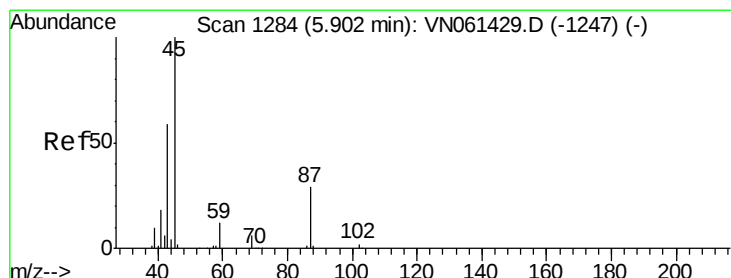
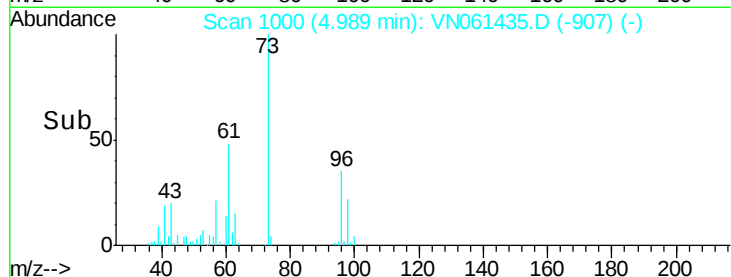
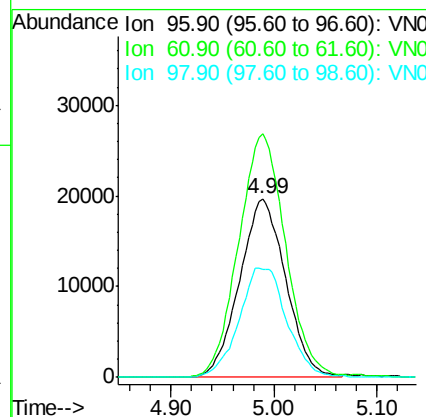
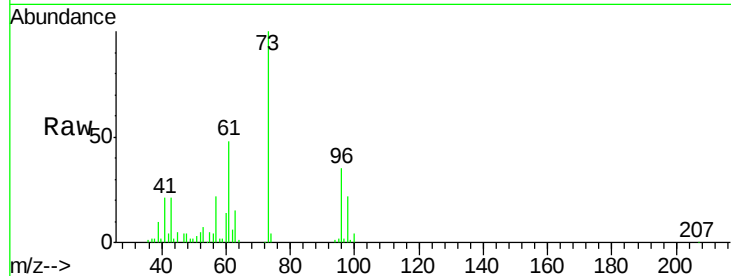
ClientSampleId :

VN0518WBS01

Tot Ion:	96	Resp:	61124
Ion	Ratio	Lower	Upper
96	100		
61	135.4	109.8	164.6
98	60.6	52.4	78.6

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#22

Diisopropyl ether

Concen: 19.307 ug/l

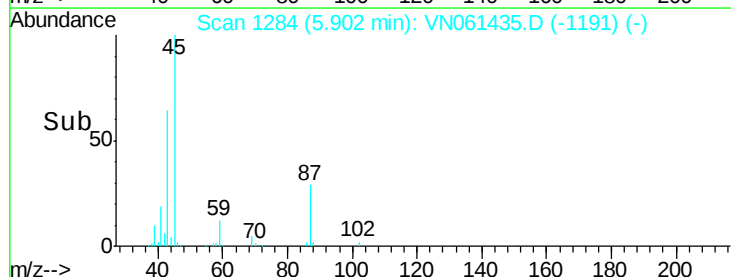
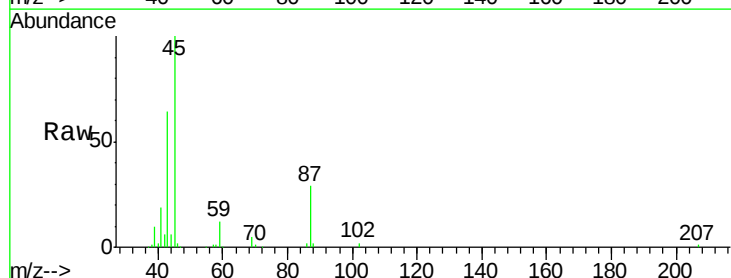
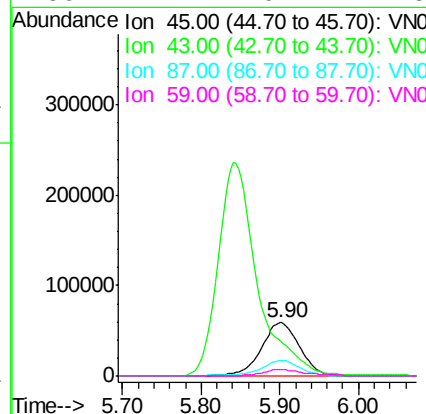
RT: 5.90 min Scan# 1284

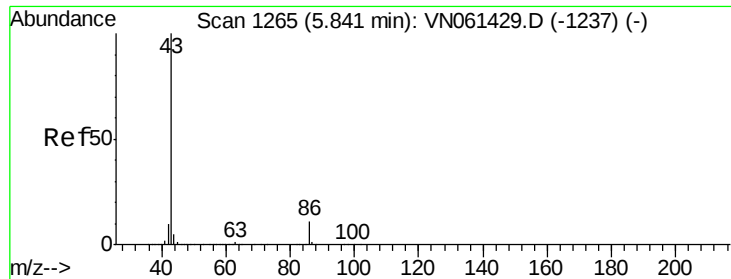
Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Tgt Ion:	45	Resp:	201162
Ion	Ratio	Lower	Upper
45	100		
43	61.4	47.9	71.9
87	28.3	24.0	36.0
59	12.4	9.7	14.5





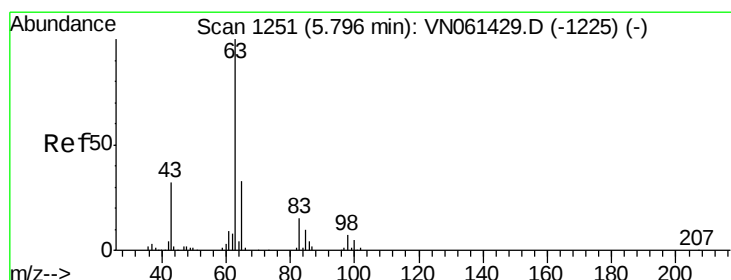
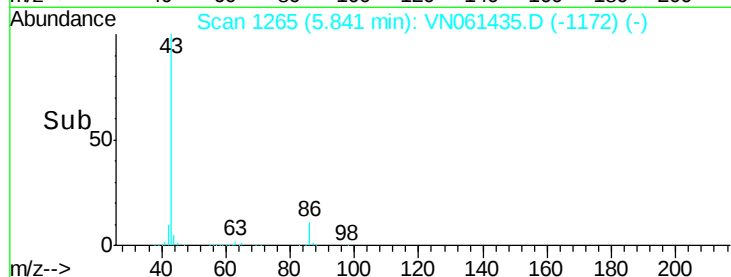
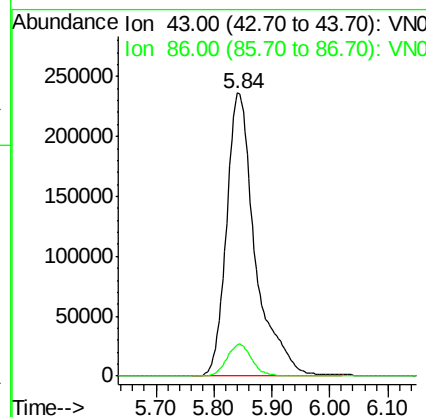
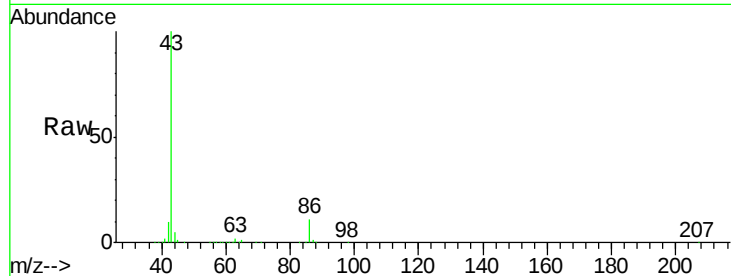
#23
 Vinyl Acetate
 Concen: 98.467 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.1	9.1	13.7

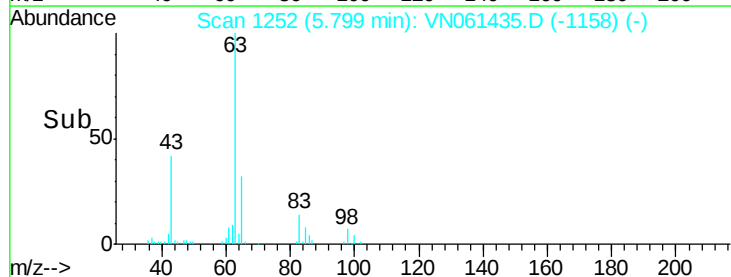
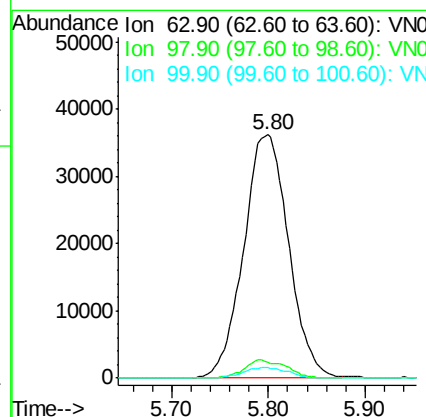
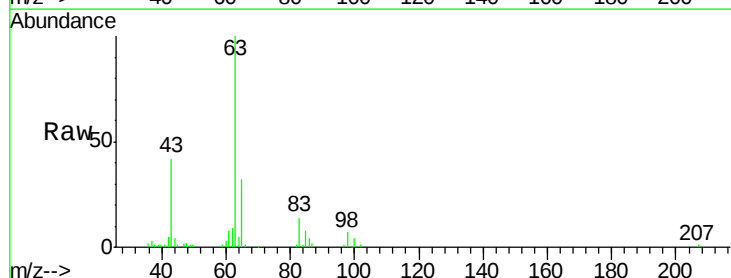
Manual Integrations
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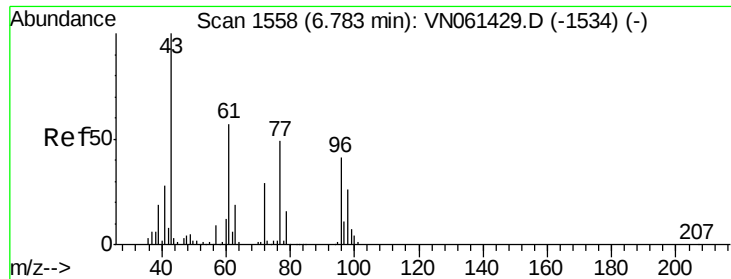
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#24
 1,1-Dichloroethane
 Concen: 19.260 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.5	10.5
100	4.1	2.3	6.9





#25

2-Butanone

Concen: 98.542 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tot Ion: 43 Resp: 186123

Ion Ratio Lower Upper

43 100

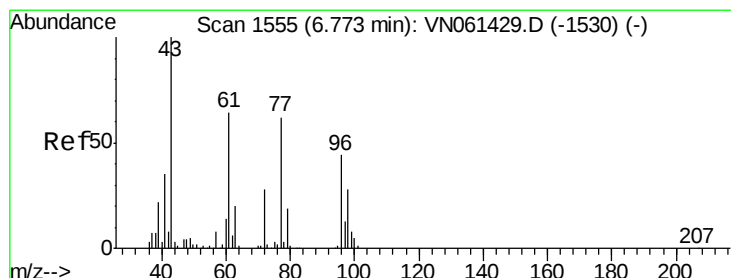
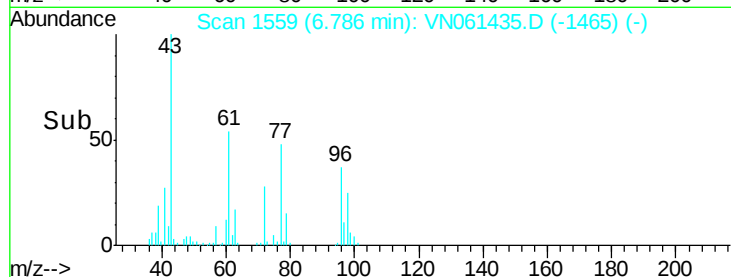
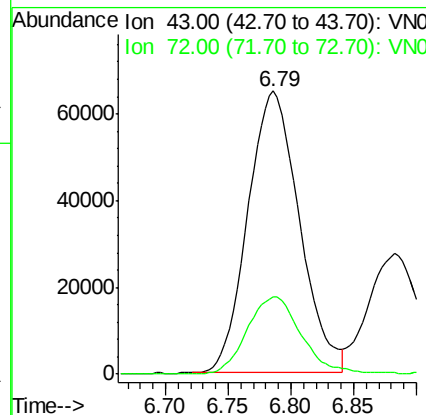
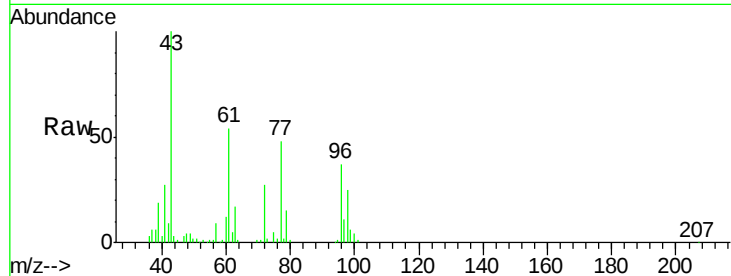
72 27.6 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.129 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061435.D

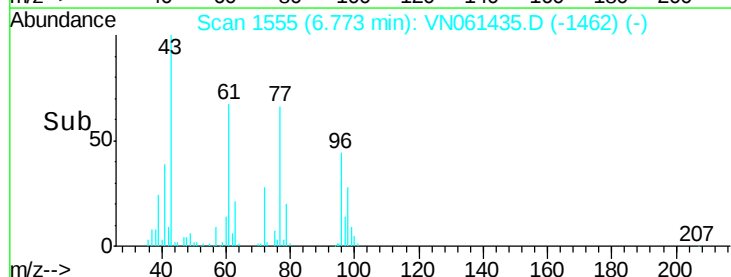
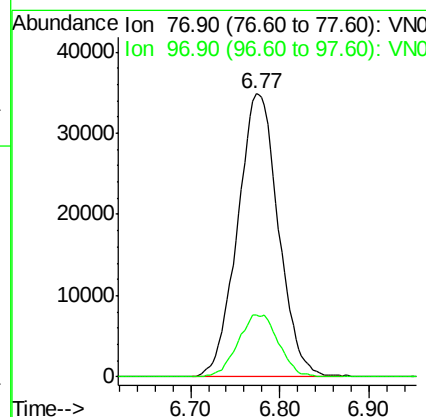
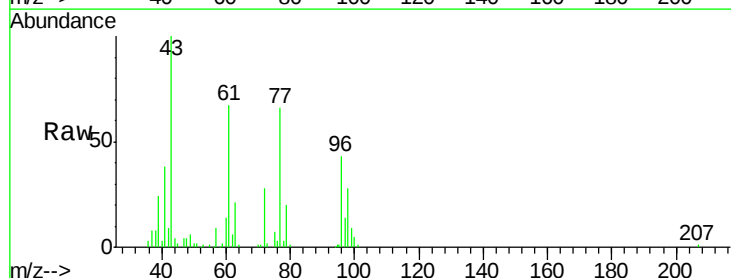
Acq: 18 May 2020 15:27

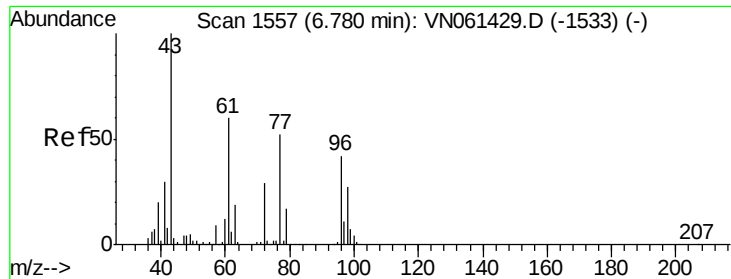
Tgt Ion: 77 Resp: 110825

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.9





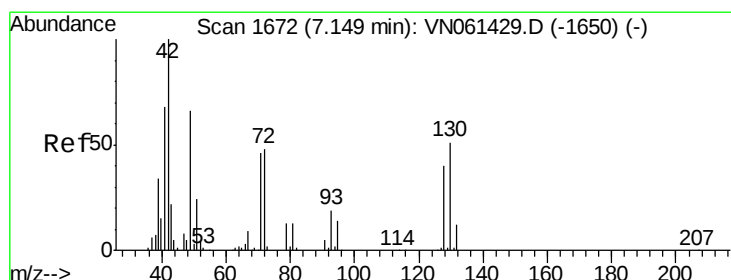
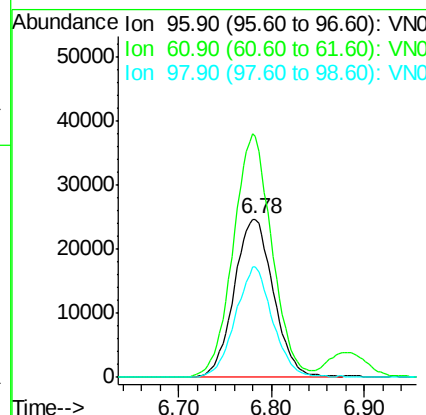
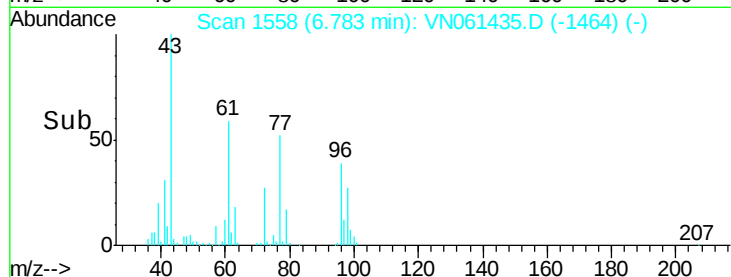
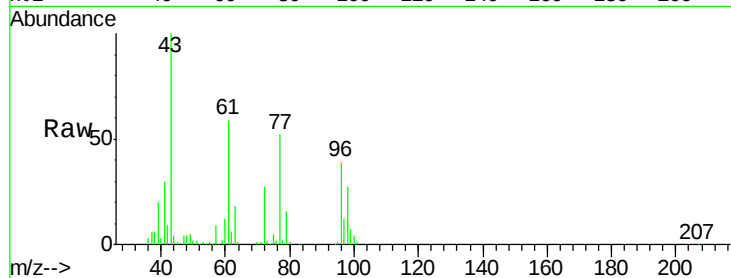
#27
 cis-1,2-Dichloroethene
 Concen: 18.755 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.2	0.0	294.2
98	66.0	0.0	128.2

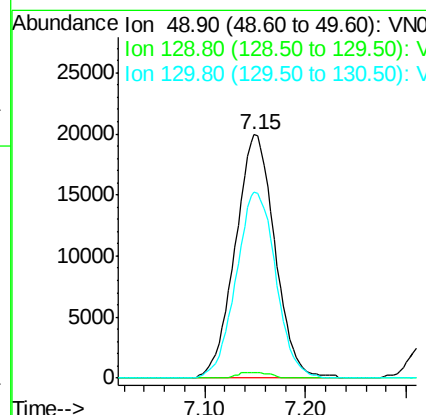
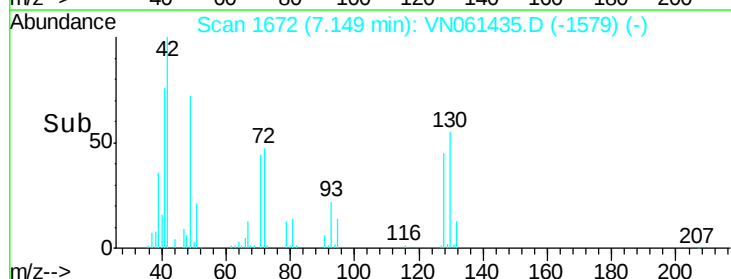
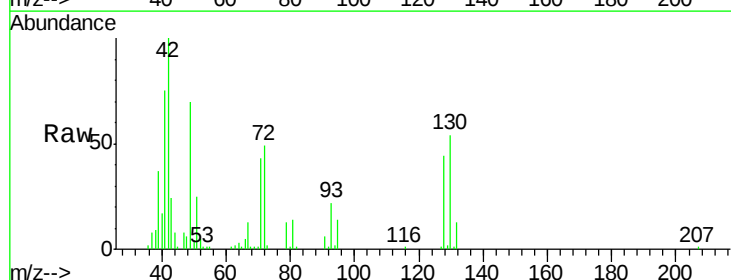
Manual Integrations
 APPROVED

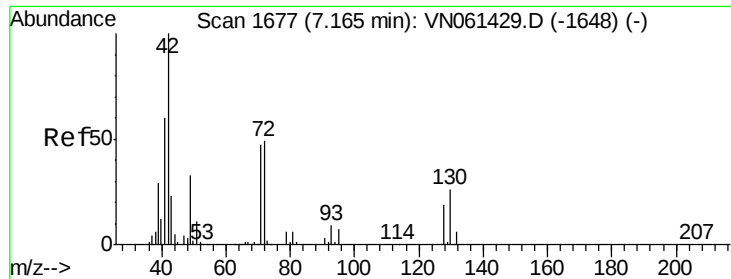
MMDadoda
 5/19/2020 4:25:13 PM



#28
 Bromochloromethane
 Concen: 21.093 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	76.4	62.2	93.2





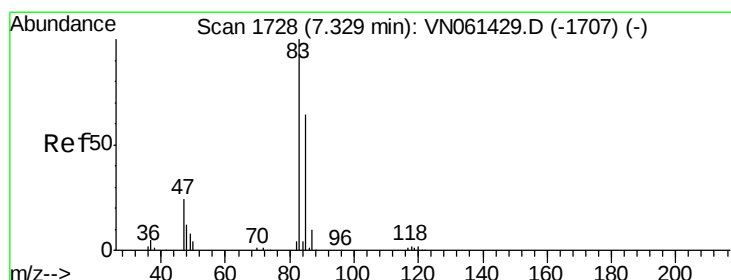
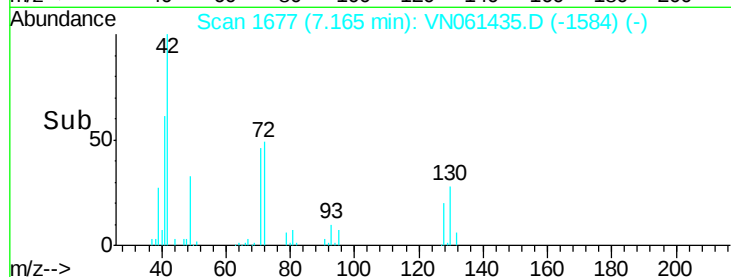
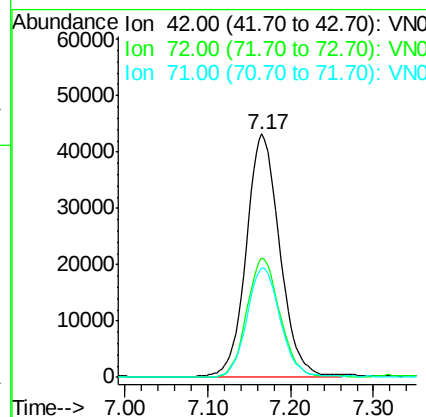
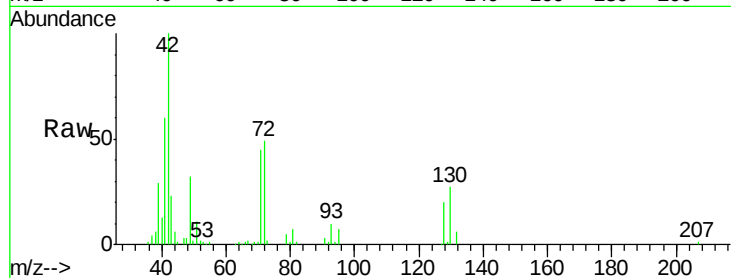
#29
Tetrahydrofuran
Concen: 97.590 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.0	39.0	58.6
71	44.7	36.9	55.3

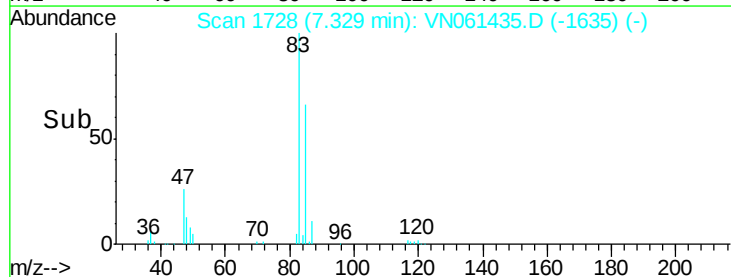
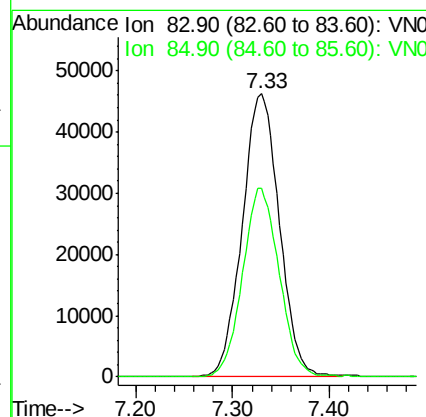
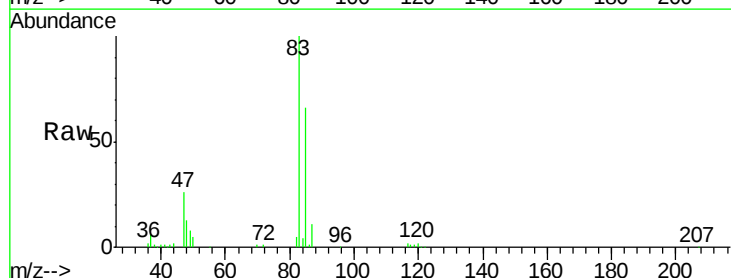
Manual Integrations
APPROVED

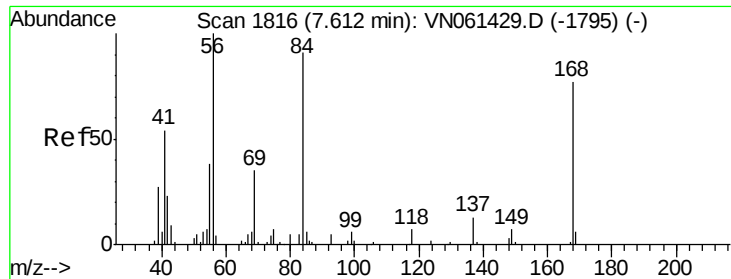
MMDadoda
5/19/2020 4:25:13 PM



#30
Chloroform
Concen: 19.446 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.0	76.4





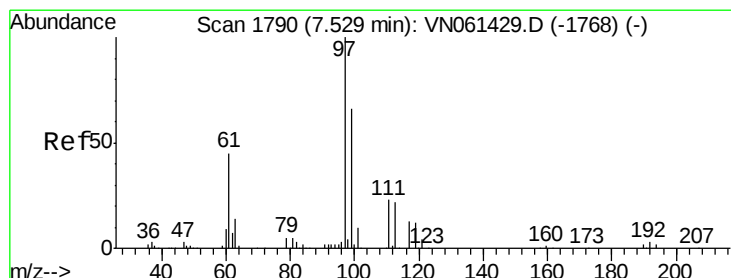
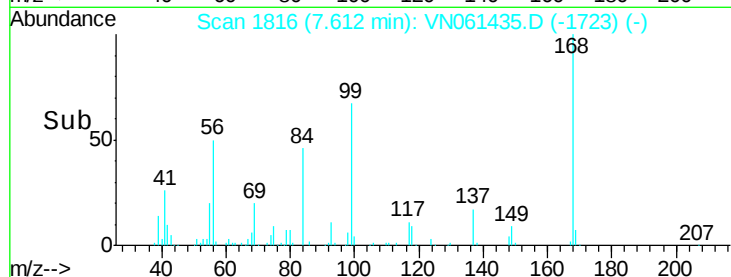
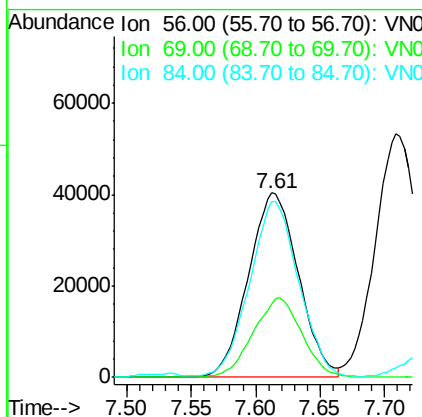
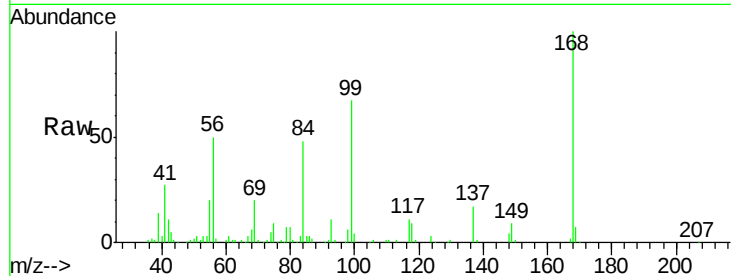
#31
Cyclohexane
Concen: 18.511 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampled :
VN0518WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.0	27.8	41.6
84	94.4	72.7	109.1

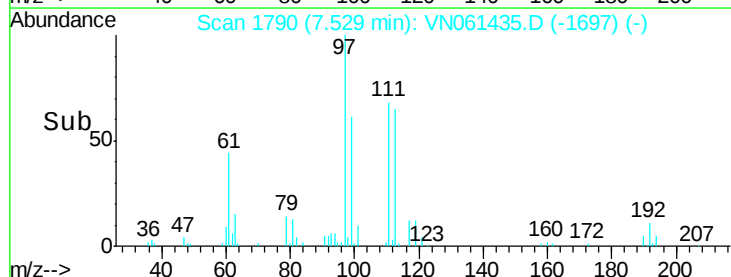
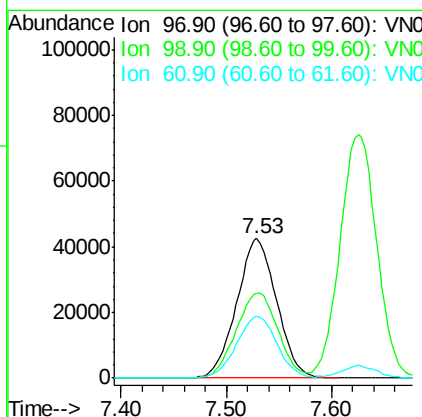
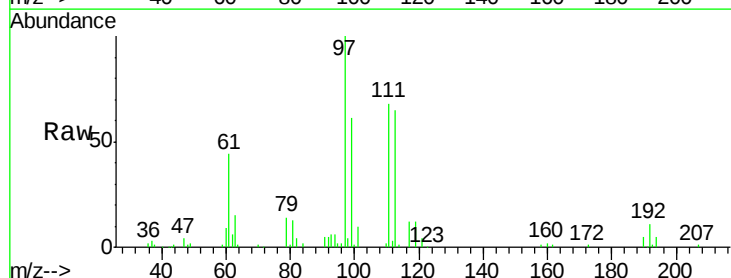
Manual Integrations
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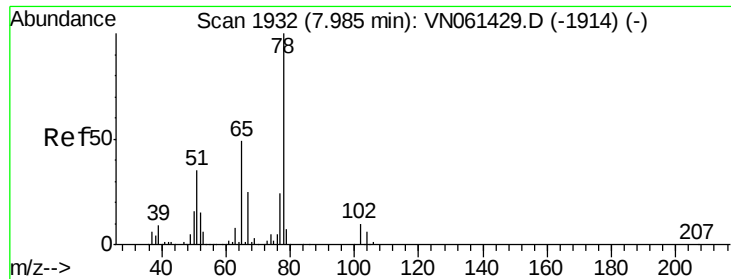
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.280 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.5	77.3
61	44.9	35.8	53.6





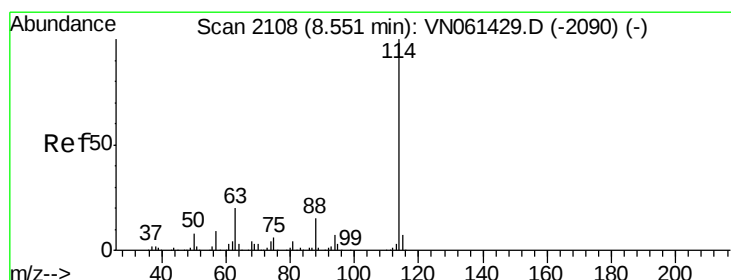
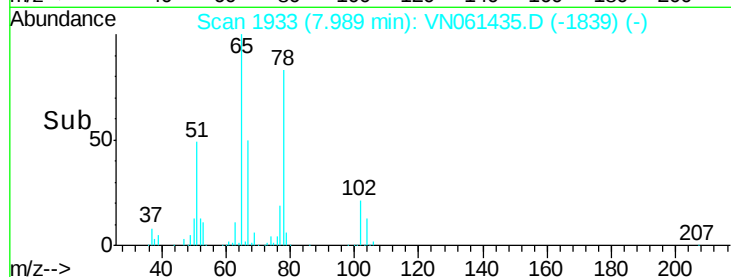
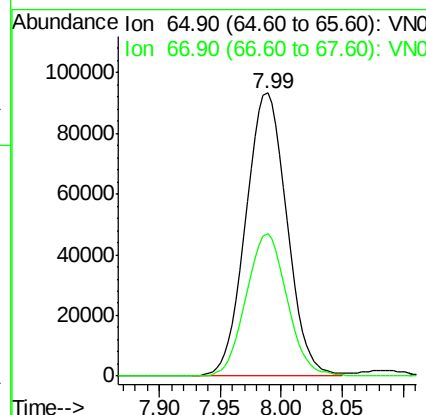
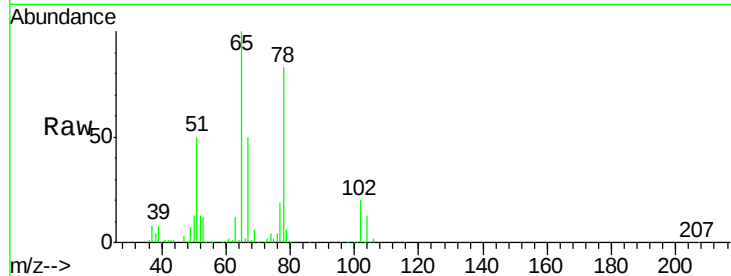
#33
 1,2-Dichloroethane-d4
 Concen: 52.507 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	217816		
67	50.3	0.0	101.4	

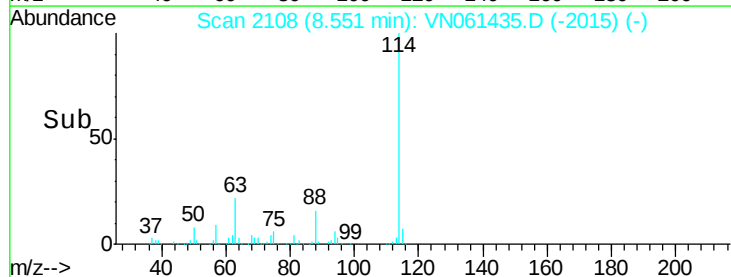
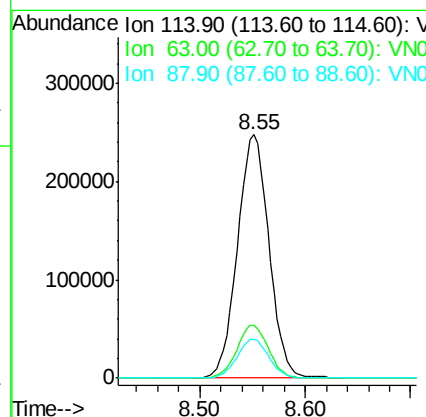
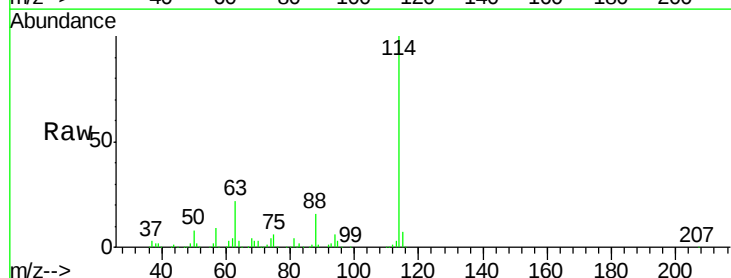
Manual Integrations
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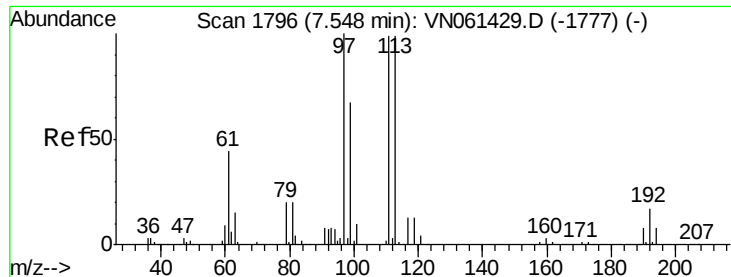
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	512631		
63	21.6	0.0	40.8	
88	16.0	0.0	30.8	





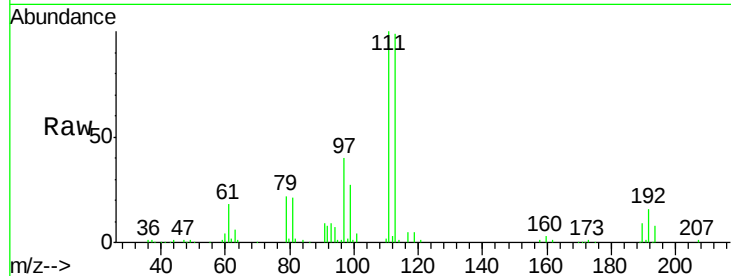
#35
Dibromofluoromethane
Concen: 55.601 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149317		
111	101.0	80.6	121.0	
192	16.5	13.2	19.8	

Manual Integrations
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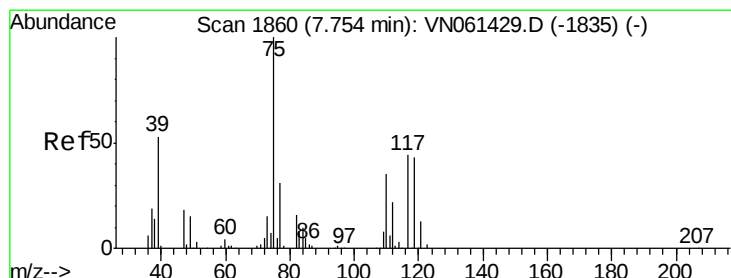
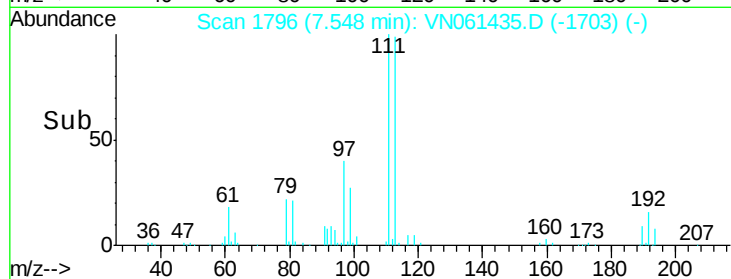
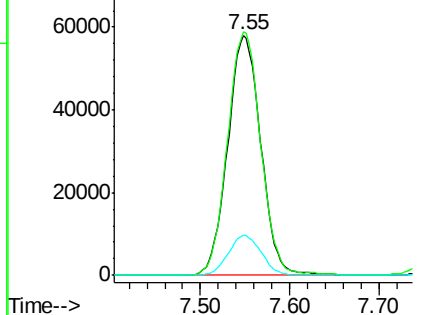


Abundance

Ion 112.80 (112.50 to 113.50): V

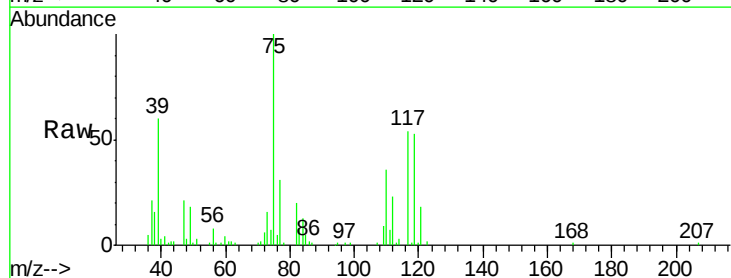
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 18.949 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	90829		
110	34.9	17.3	51.9	
77	31.3	24.9	37.3	

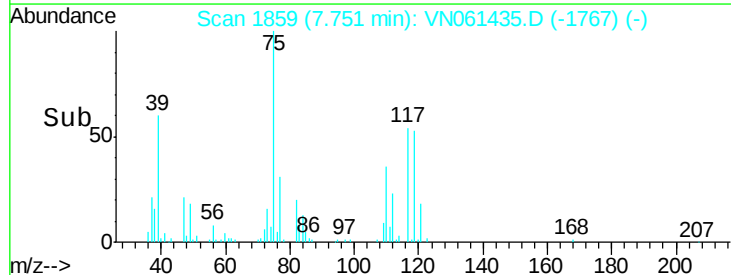
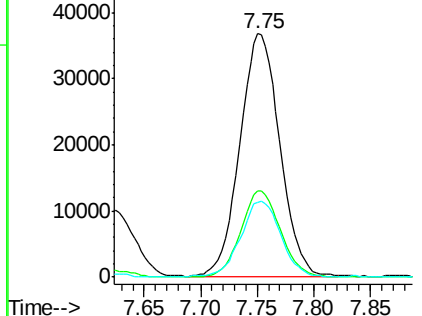


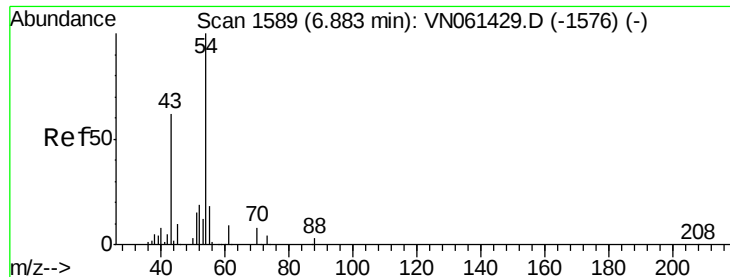
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





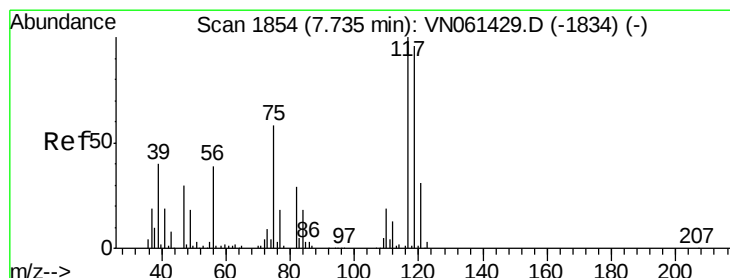
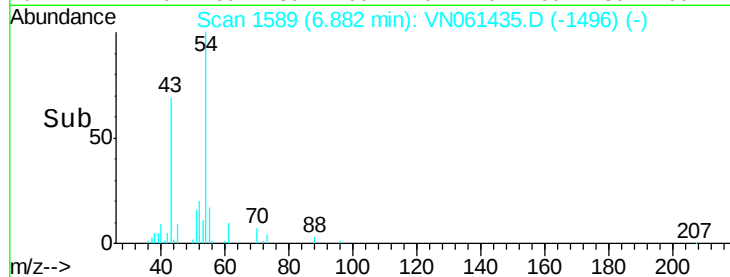
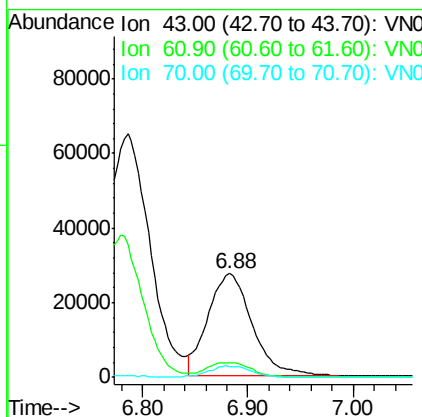
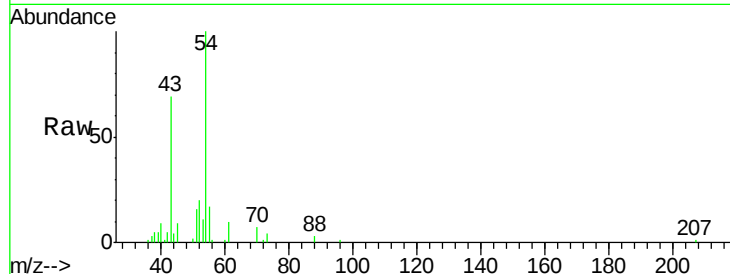
#37
Ethyl Acetate
Concen: 18.281 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	43	61	70
Resp	79467		
Ratio	100	15.0	10.7
Lower		11.7	9.2
Upper		17.5	13.8

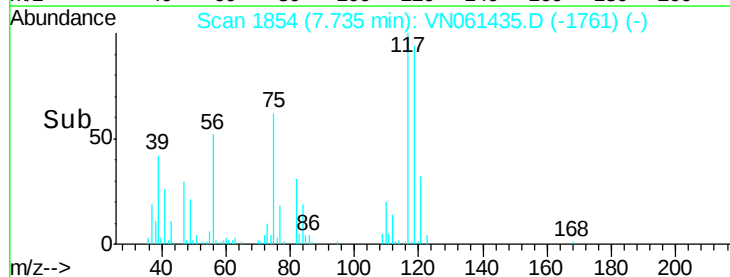
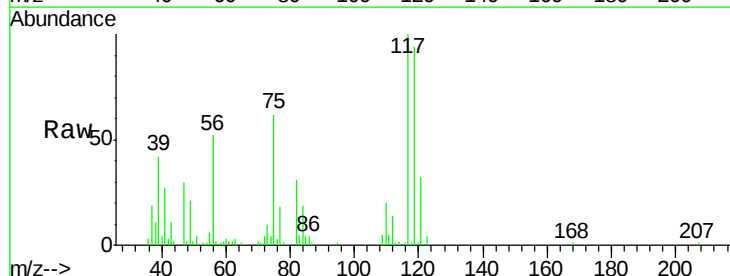
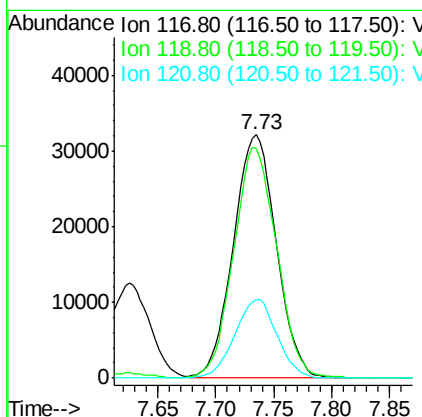
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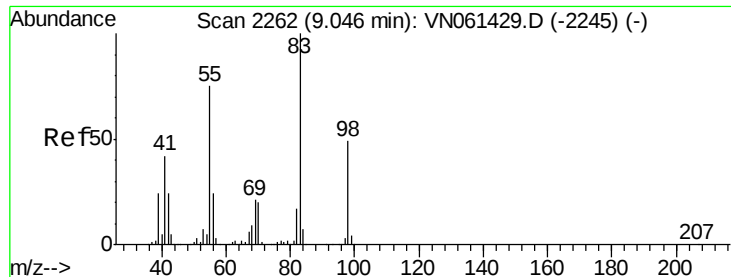
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#38
Carbon Tetrachloride
Concen: 18.757 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	117	119	121
Resp	82787		
Ratio	100	93.6	32.0
Lower		77.0	24.7
Upper		115.6	37.1





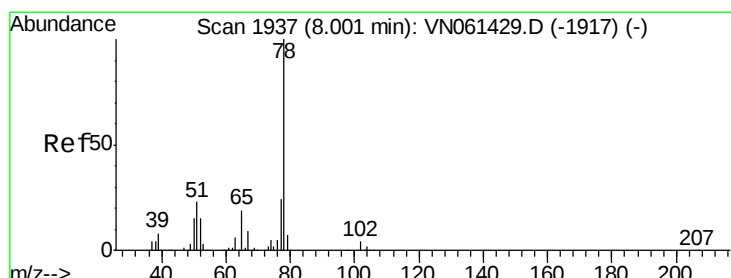
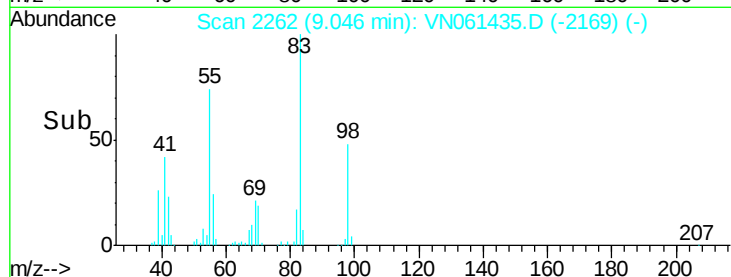
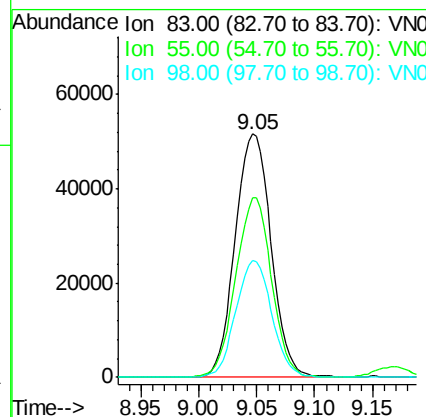
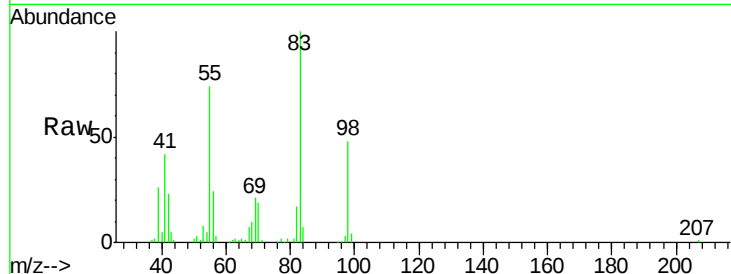
#39
Methvlcvclohexane
Concen: 19.054 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.6	59.7	89.5	
98	48.0	38.9	58.3	

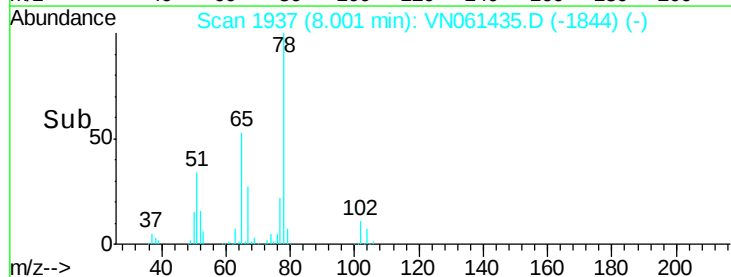
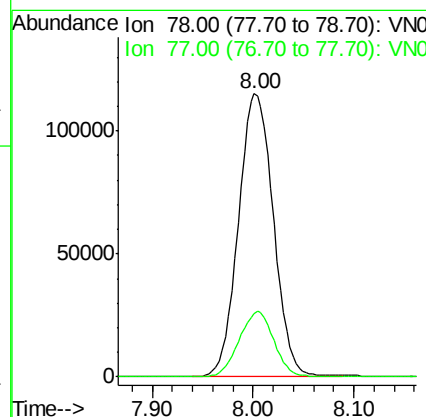
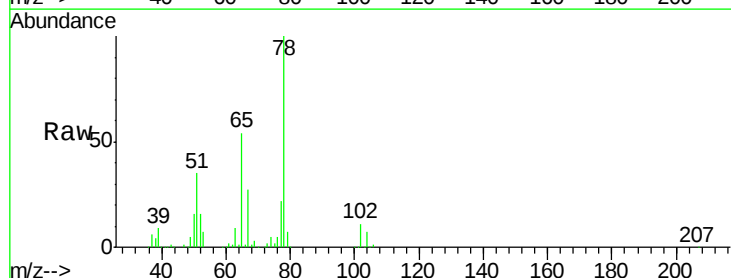
Manual Integrations
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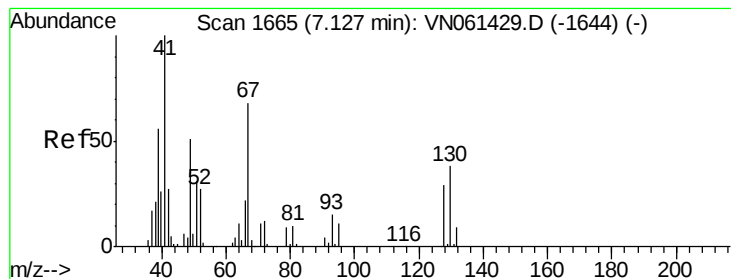
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#40
Benzene
Concen: 19.183 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.5	19.1	28.7	





#41

Methacrylonitrile

Concen: 20.938 ug/l m

RT: 7.14 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tot Ion: 41 Resp: 38442

Ion Ratio Lower Upper

41 100

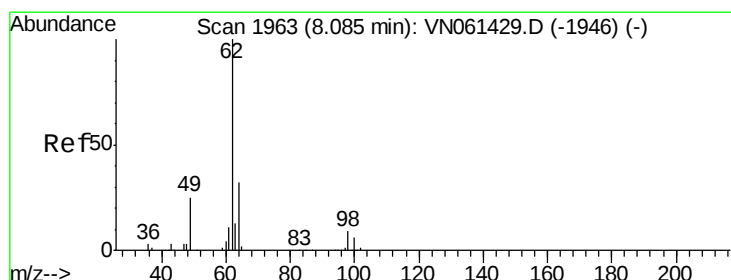
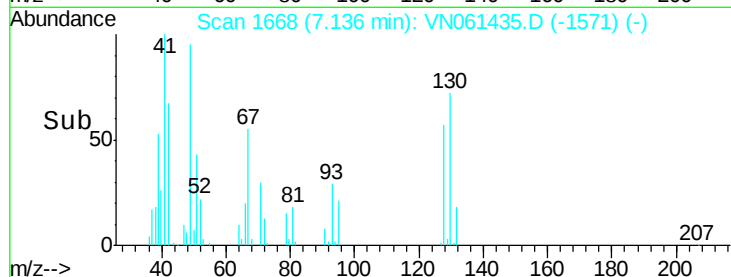
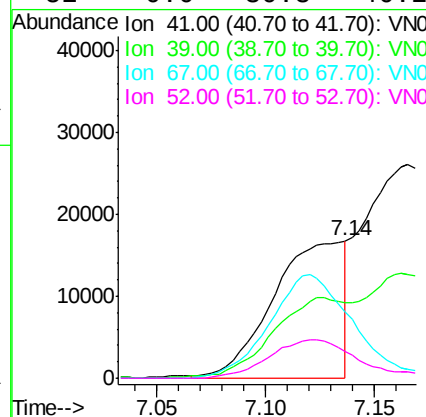
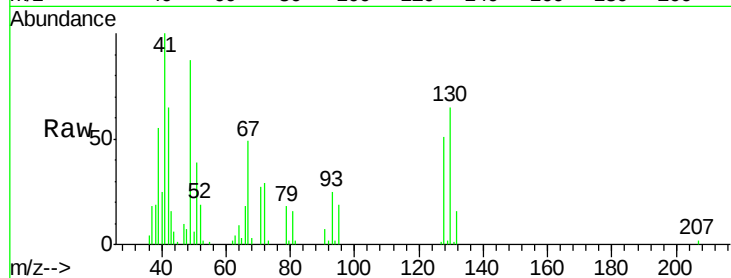
39 0.0 48.3 72.5#

67 0.0 74.2 111.4#

52 0.0 30.8 46.2#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.022 ug/l

RT: 8.08 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VN061435.D

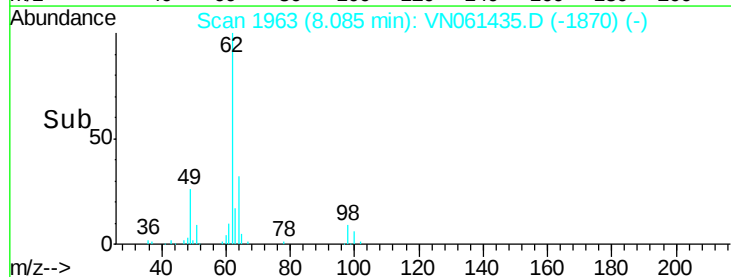
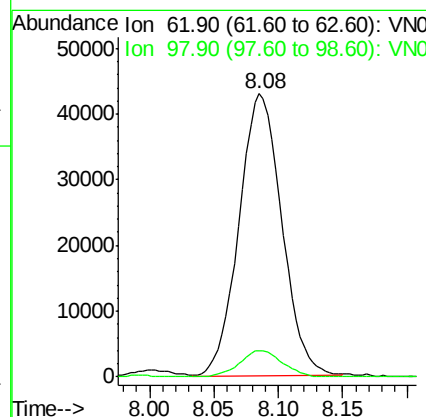
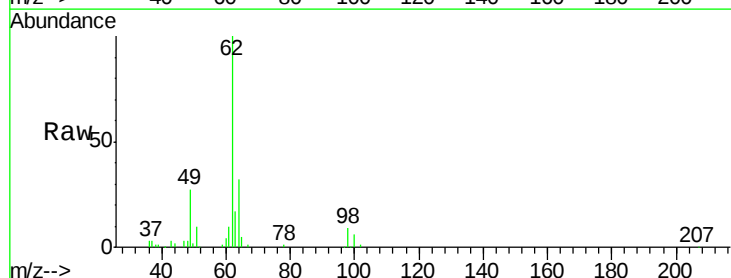
Acq: 18 May 2020 15:27

Tgt Ion: 62 Resp: 98998

Ion Ratio Lower Upper

62 100

98 9.3 0.0 18.4





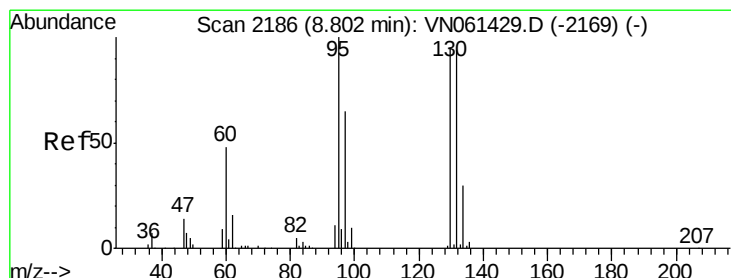
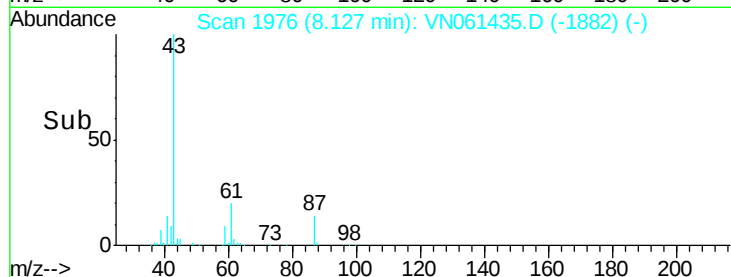
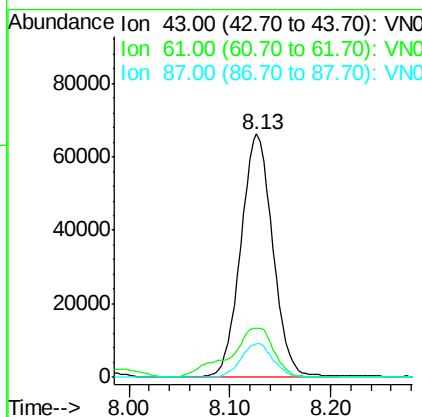
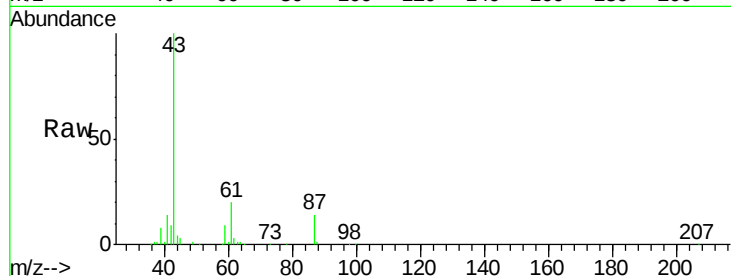
#43
Isopropyl Acetate
Concen: 19.205 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.9	23.0	34.4
87	13.9	11.6	17.4

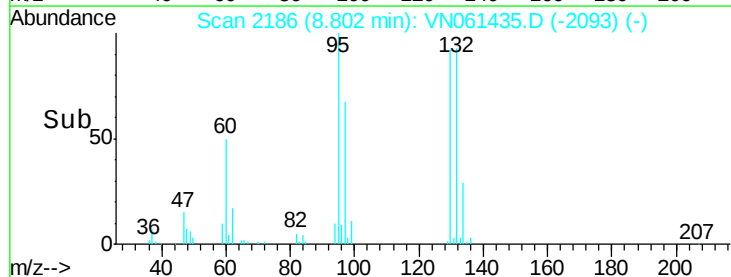
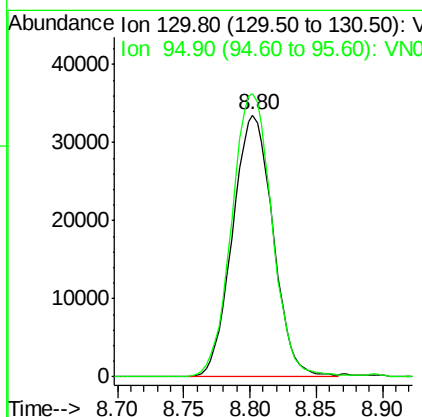
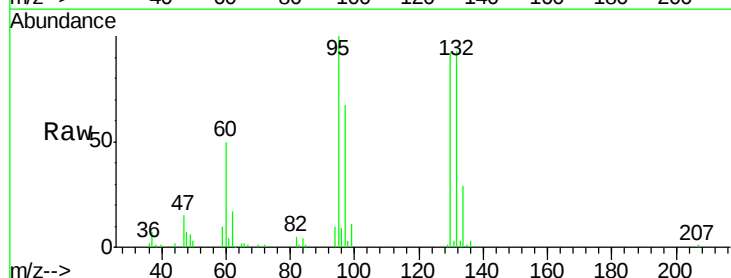
Manual Integrations
APPROVED

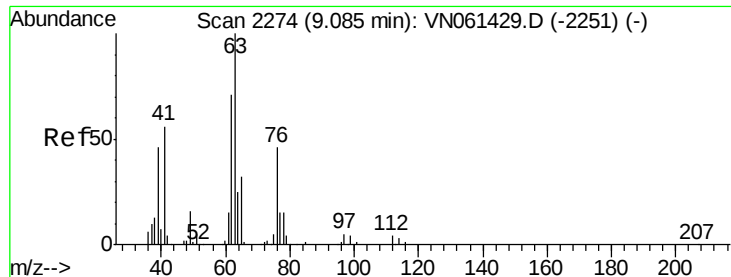
MMDadoda
5/19/2020 4:25:13 PM



#44
Trichloroethene
Concen: 18.756 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	209.8





#45

1,2-Dichloropropane

Concen: 19.650 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tot Ion: 63 Resp: 71047

Ion Ratio Lower Upper

63 100

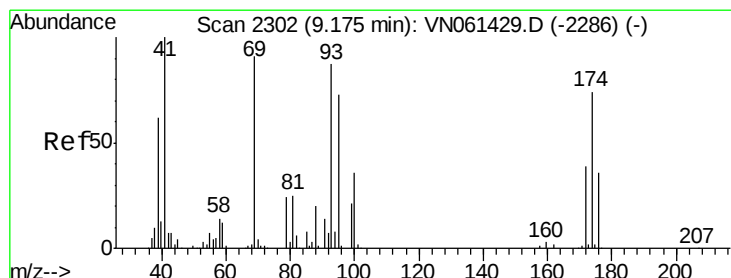
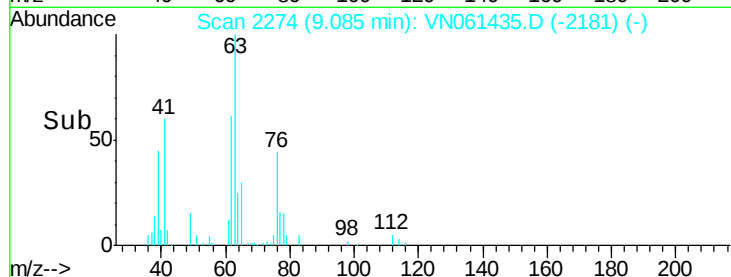
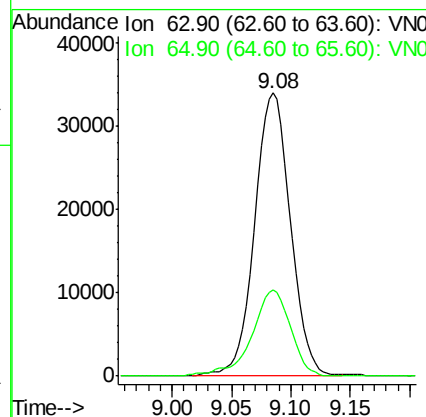
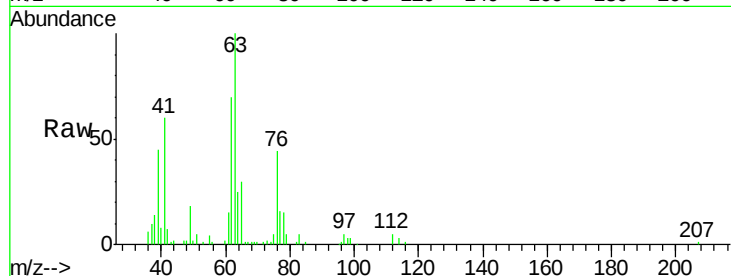
65 30.4 25.2 37.8

Manual Integrations

APPROVED

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#46

Dibromomethane

Concen: 18.972 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

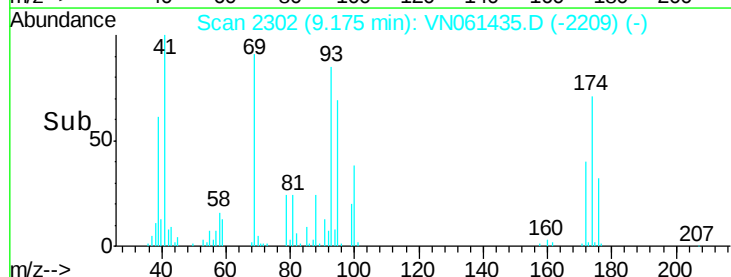
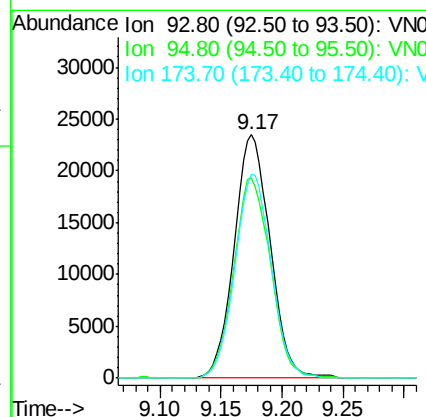
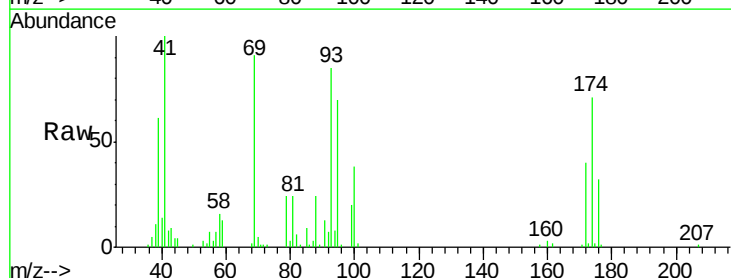
Tgt Ion: 93 Resp: 48087

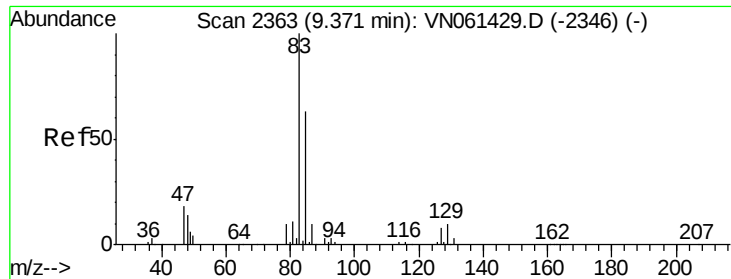
Ion Ratio Lower Upper

93 100

95 84.2 65.6 98.4

174 84.5 68.0 102.0





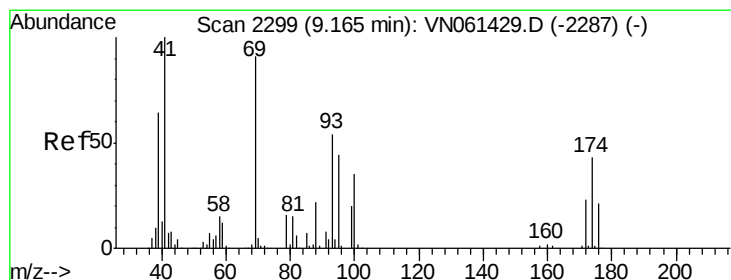
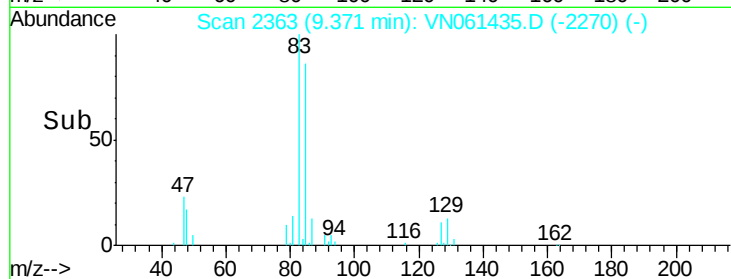
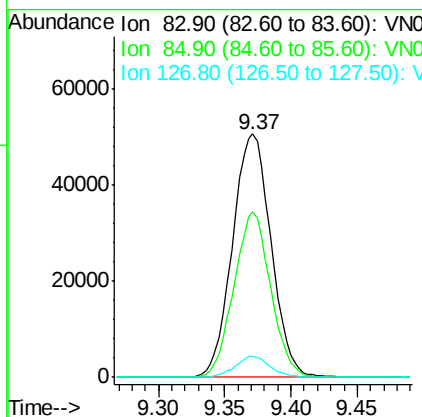
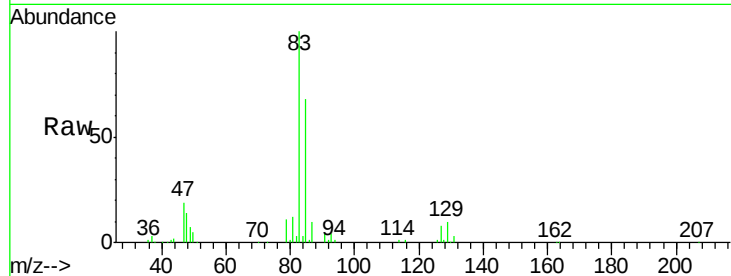
#47
Bromodichloromethane
Concen: 19.176 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	83	Resp	102407
Ion Ratio	100	Lower	Upper
83	100		
85	68.1	50.6	76.0
127	8.5	6.1	9.1

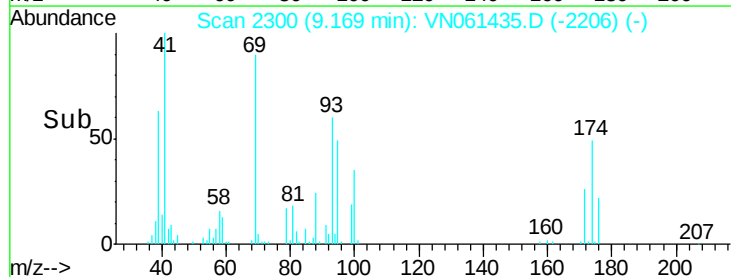
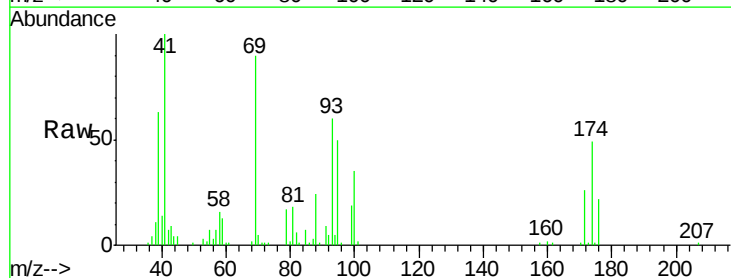
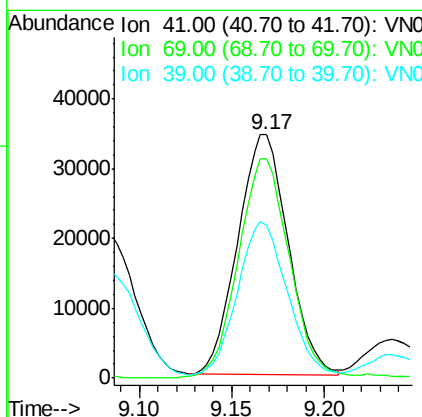
Manual Integrations
APPROVED

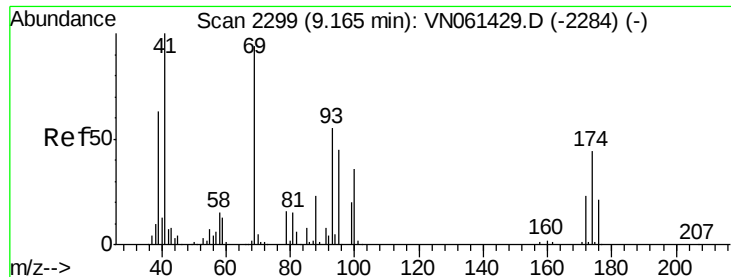
MMDadoda
5/19/2020 4:25:13 PM



#48
Methyl methacrylate
Concen: 18.520 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	41	Resp	64864
Ion Ratio	100	Lower	Upper
41	100		
69	92.8	75.3	112.9
39	62.6	52.6	79.0





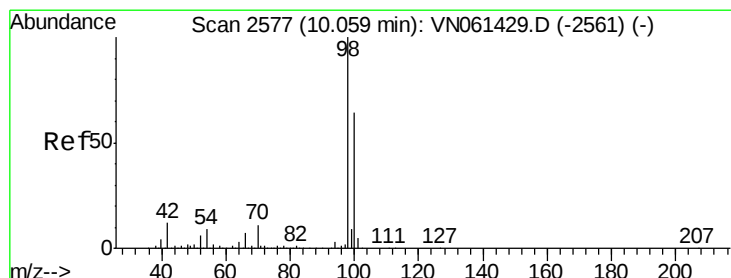
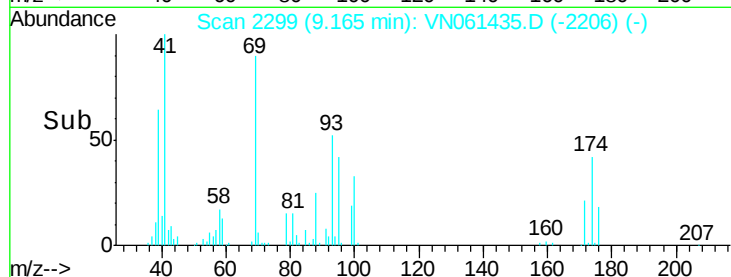
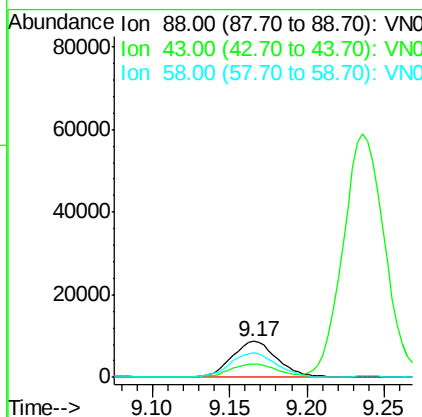
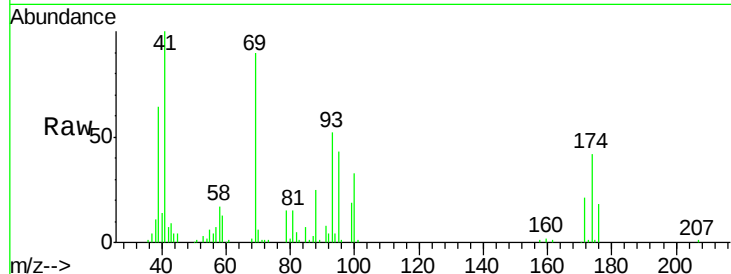
#49
1,4-Dioxane
Concen: 458.705 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	26.3	39.5
58	70.3	54.1	81.1

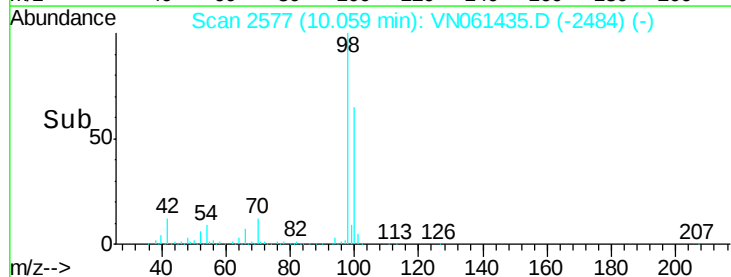
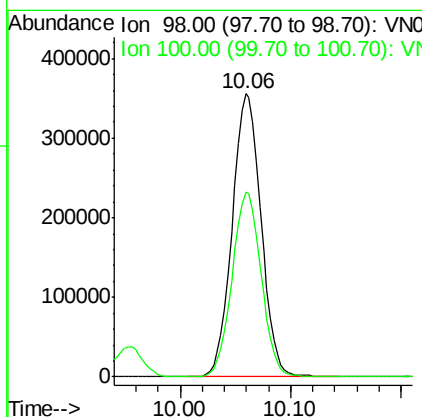
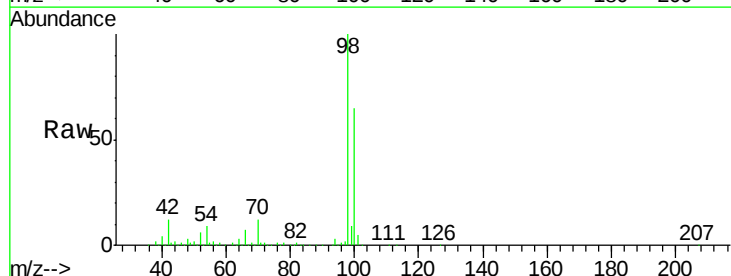
Manual Integrations
APPROVED

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#50
Toluene-d8
Concen: 51.868 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 98.311 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

ClientSampled :

VN0518WBS01

Tot Ion: 43 Resp: 406043

Ion Ratio Lower Upper

43 100

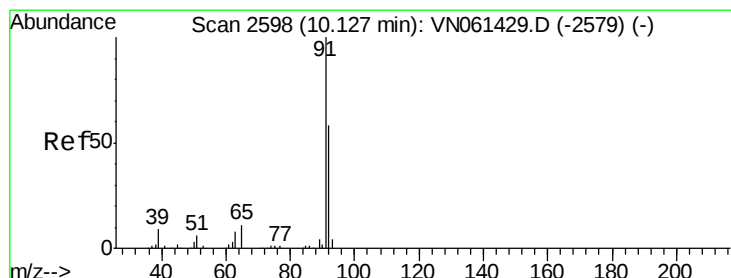
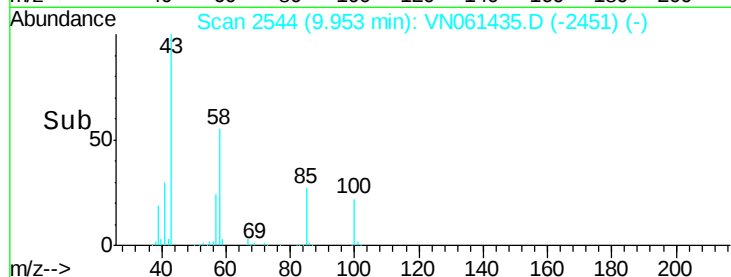
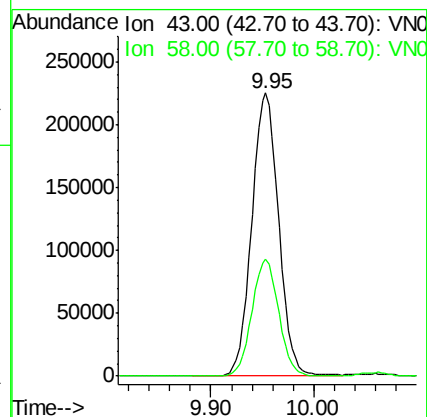
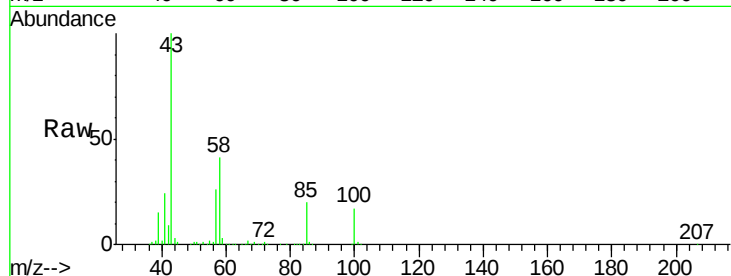
58 41.2 33.4 50.2

Manual Integrations

APPROVED

MMDadoda

5/19/2020 4:25:13 PM



#52

Toluene

Concen: 19.043 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061435.D

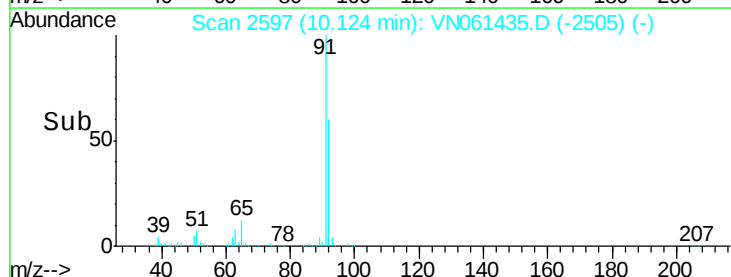
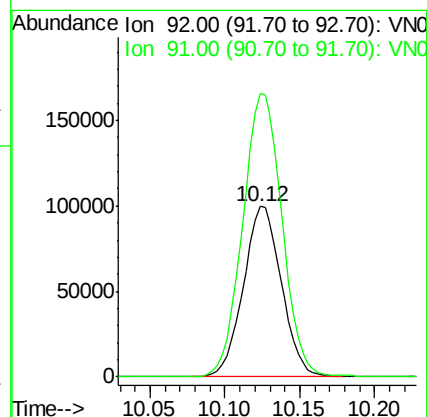
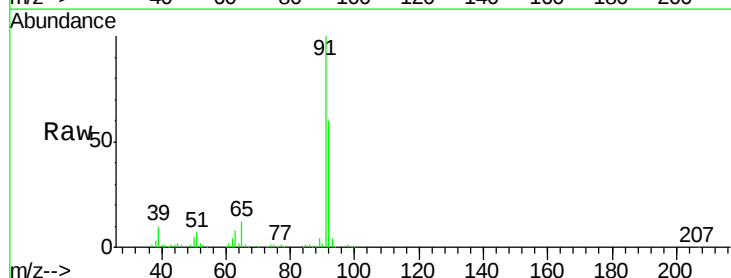
Acq: 18 May 2020 15:27

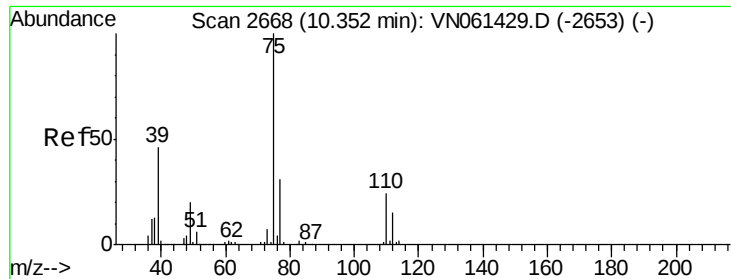
Tgt Ion: 92 Resp: 176604

Ion Ratio Lower Upper

92 100

91 172.4 138.0 207.0





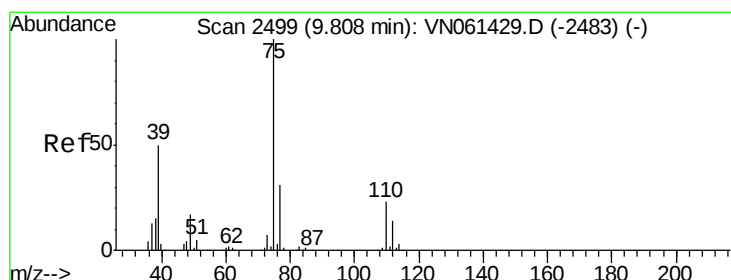
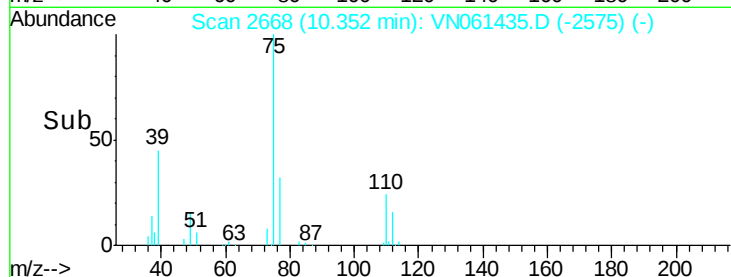
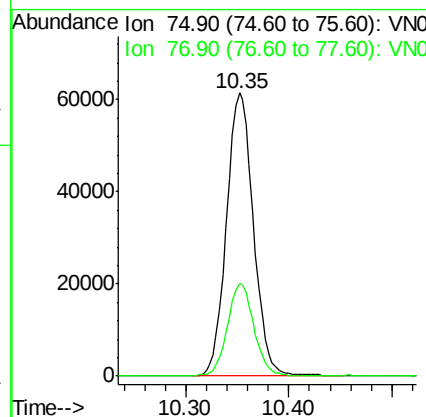
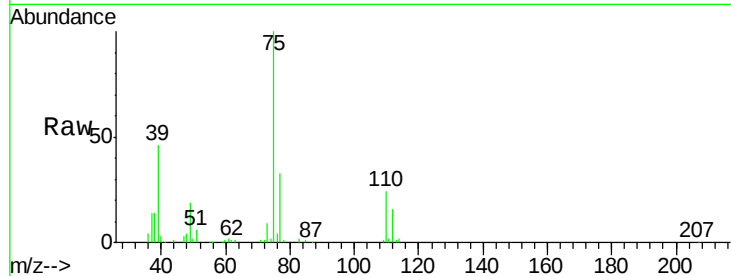
#53
t-1,3-Dichloropropene
Concen: 19.113 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion: 75 Resp: 111873
Ion Ratio Lower Upper
75 100
77 32.4 24.8 37.2

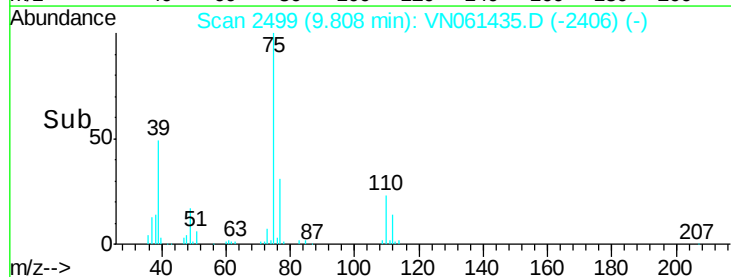
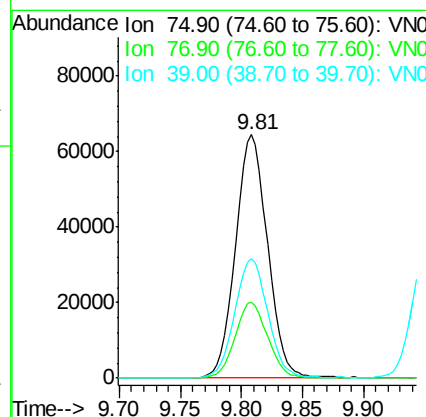
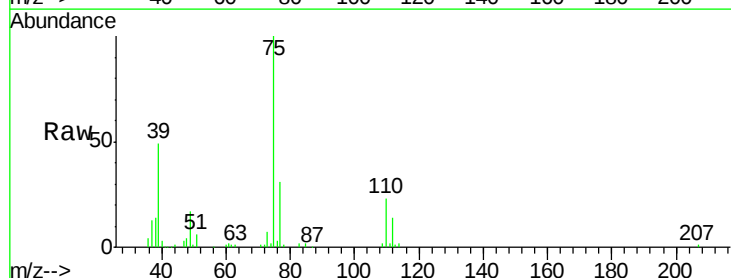
Manual Integrations
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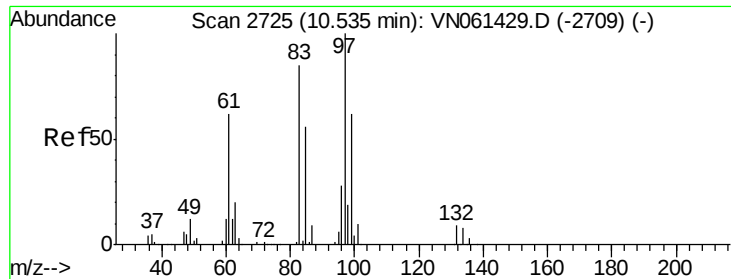
MMDadoda
5/19/2020 4:25:13 PM



#54
cis-1,3-Dichloropropene
Concen: 18.965 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion: 75 Resp: 118004
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 48.7 39.8 59.6





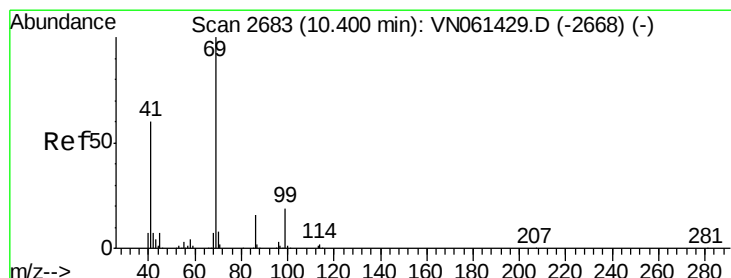
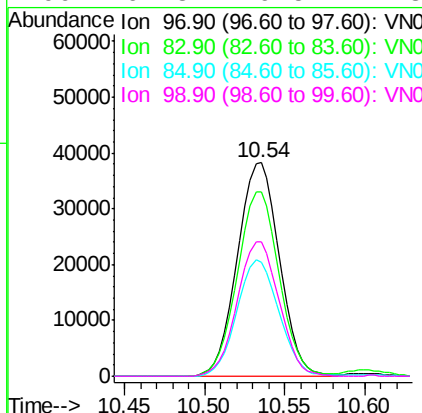
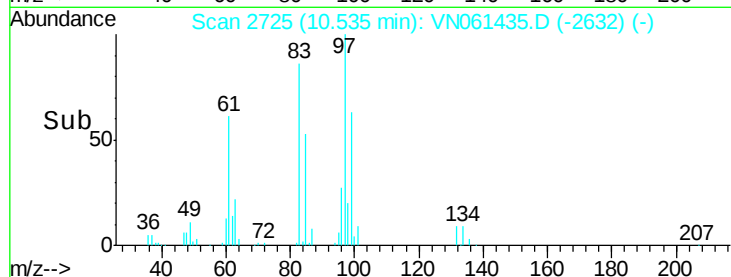
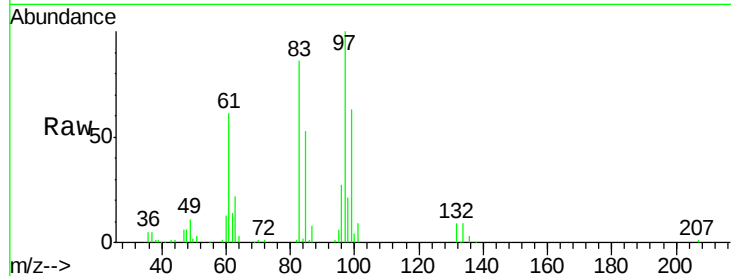
#55
 1,1,2-Trichloroethane
 Concen: 19.565 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		68597		
83	86.4	68.2	102.4		
85	53.5	44.6	67.0		
99	62.8	49.5	74.3		

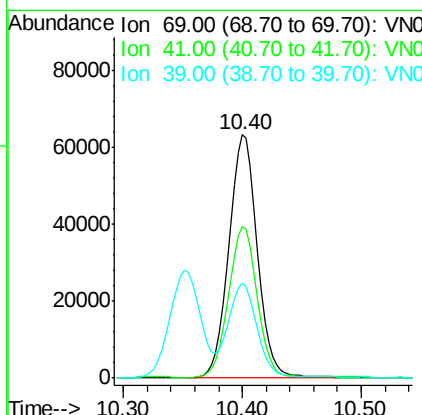
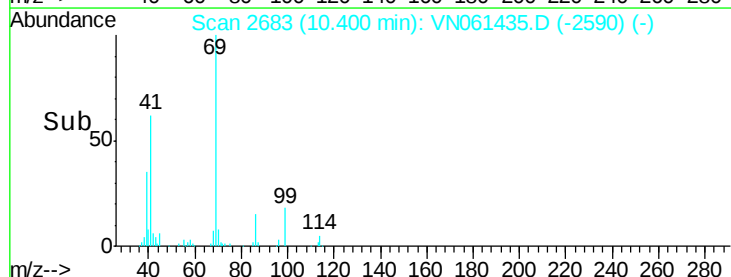
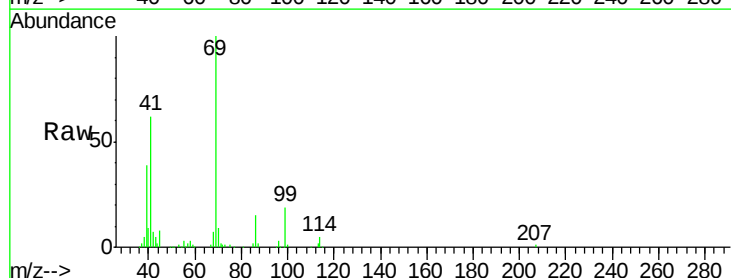
Manual Integrations
 APPROVED

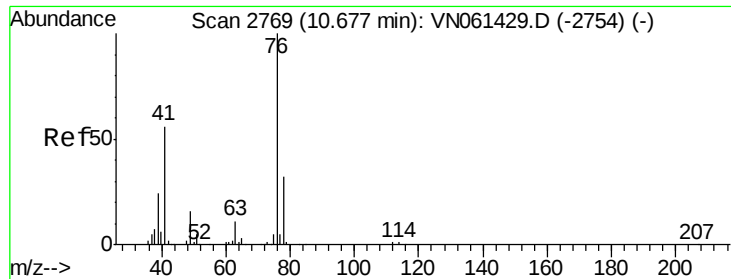
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 5/19/2020 4:25:13 PM



#56
 Ethyl methacrylate
 Concen: 19.207 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		105281		
41	61.7	48.3	72.5		
39	38.2	30.2	45.2		





#57

1,3-Dichloropropane

Concen: 19.469 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tot Ion: 76 Resp: 117968

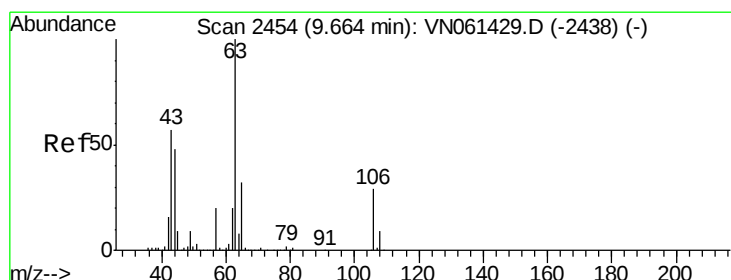
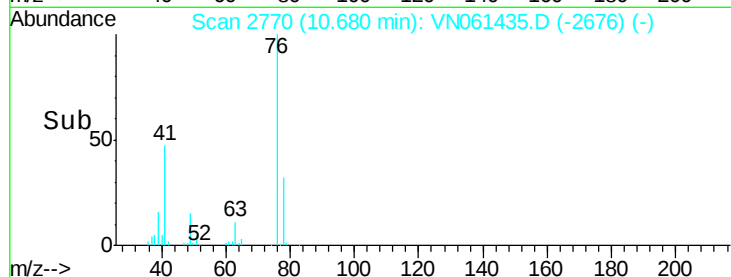
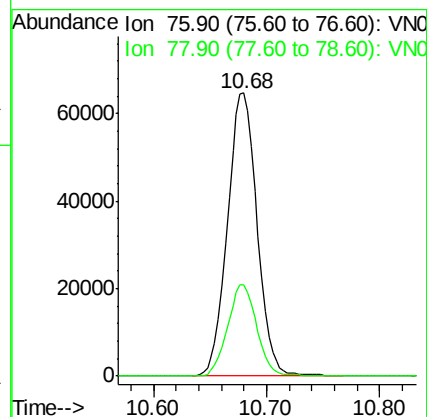
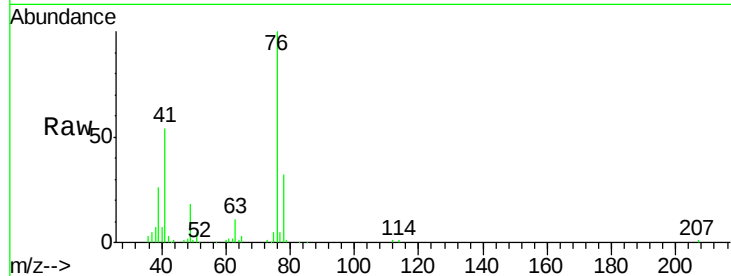
Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0

Manual Integrations
APPROVED

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5/19/2020 4:25:13 PM



#58

2-Chloroethyl Vinyl ether

Concen: 94.130 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN061435.D

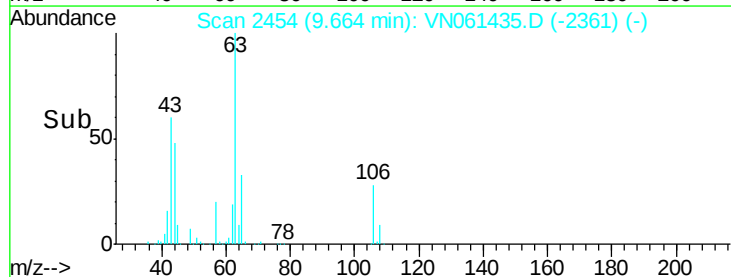
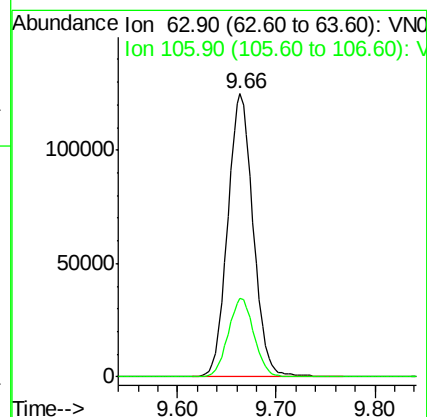
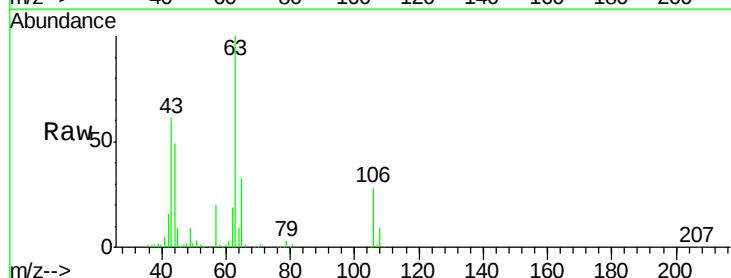
Acq: 18 May 2020 15:27

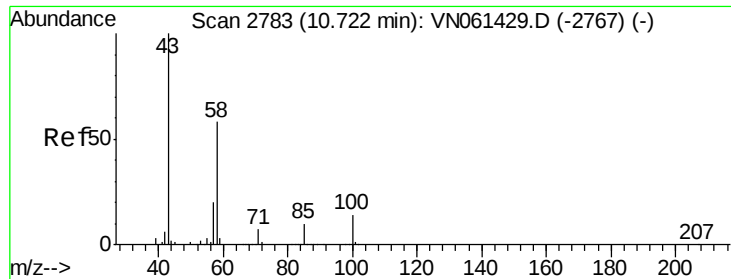
Tgt Ion: 63 Resp: 226481

Ion Ratio Lower Upper

63 100

106 28.1 22.7 34.1





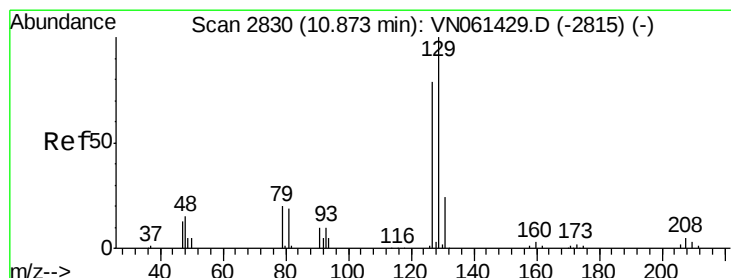
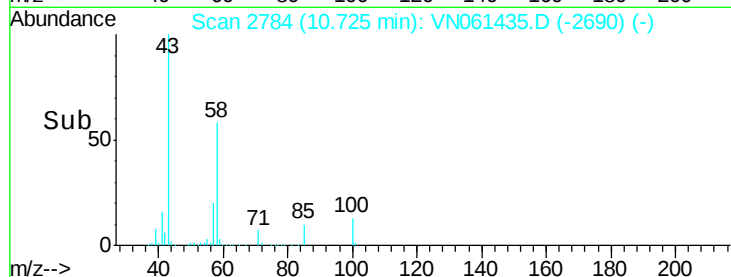
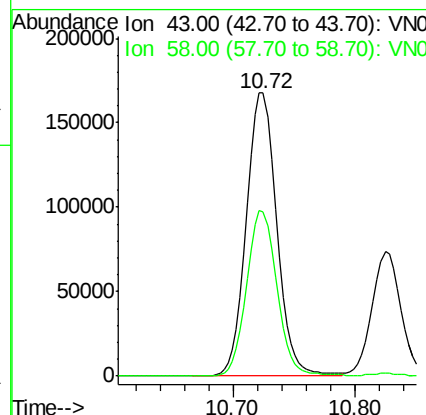
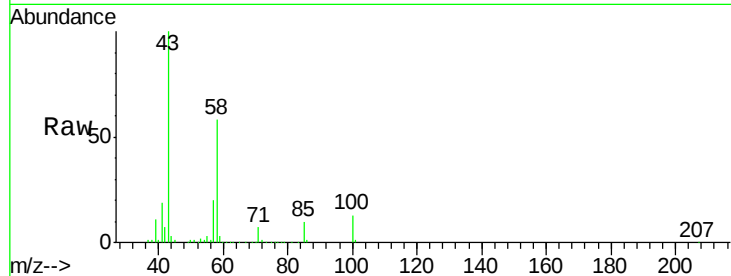
#59
2-Hexanone
Concen: 96.783 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.2	29.2	87.6

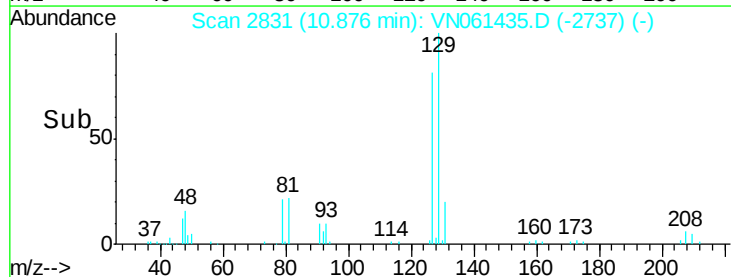
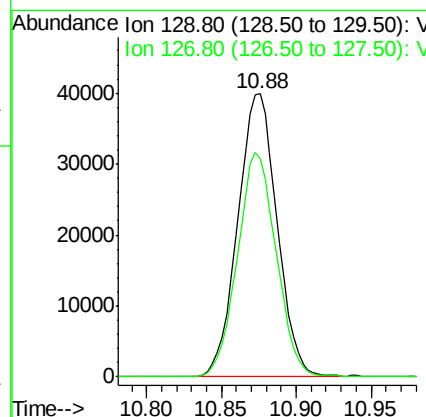
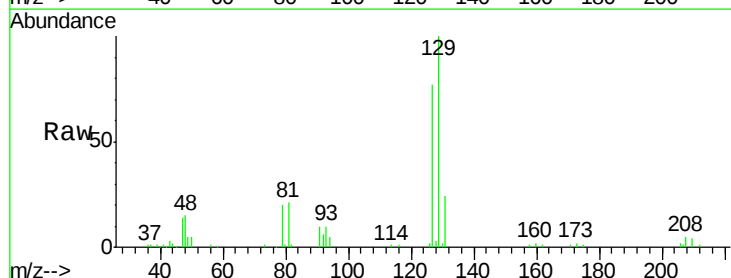
Manual Integrations
APPROVED

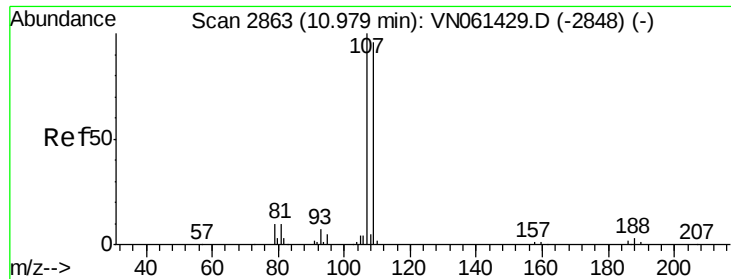
MMDadoda
5/19/2020 4:25:13 PM



#60
Dibromochloromethane
Concen: 18.815 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.8	116.3





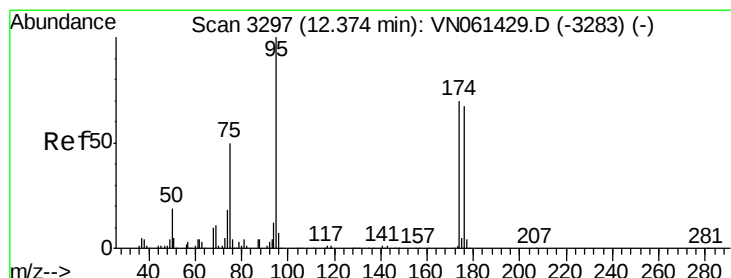
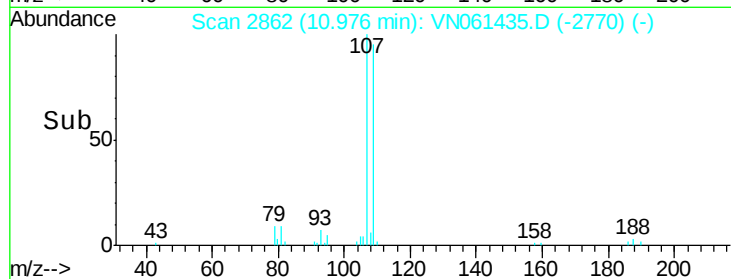
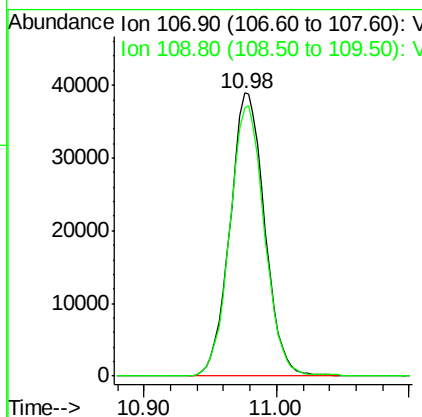
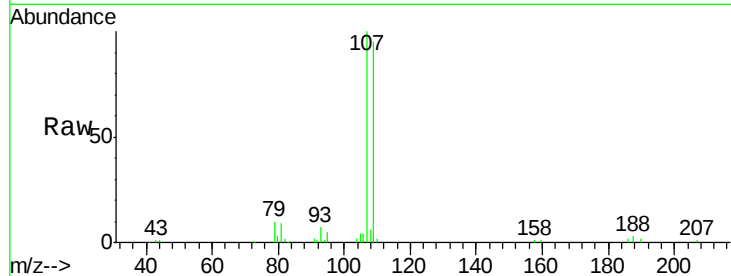
#61
 1,2-Dibromoethane
 Concen: 19.129 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.7	113.5

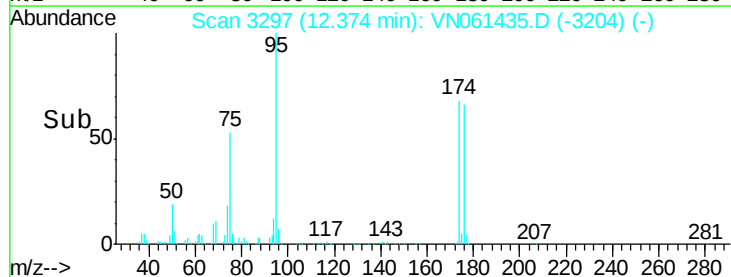
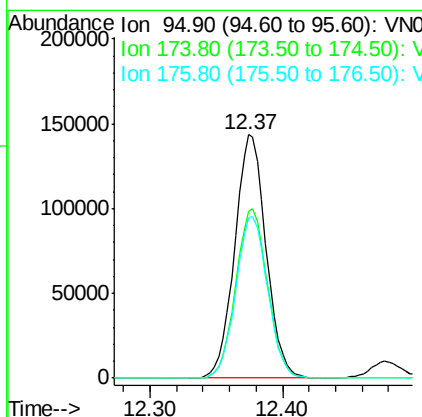
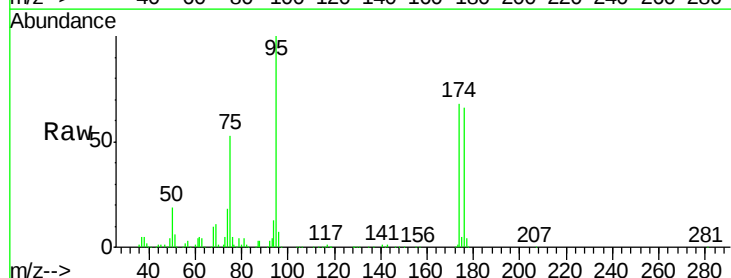
Manual Integrations
 APPROVED

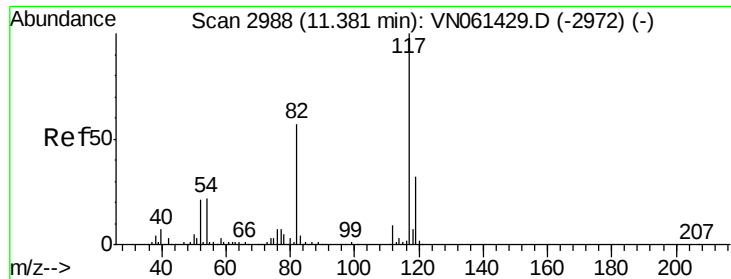
MMDadoda
 5/19/2020 4:25:13 PM



#62
 4-Bromofluorobenzene
 Concen: 50.520 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	141.2
176	68.0	0.0	137.6





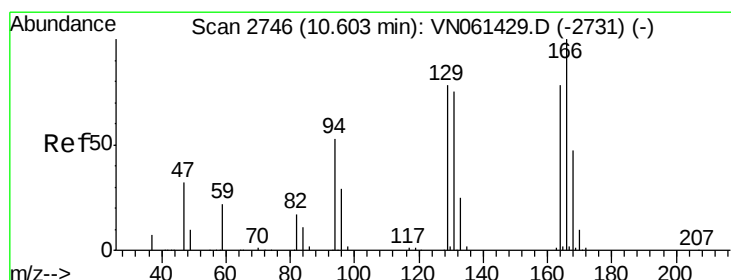
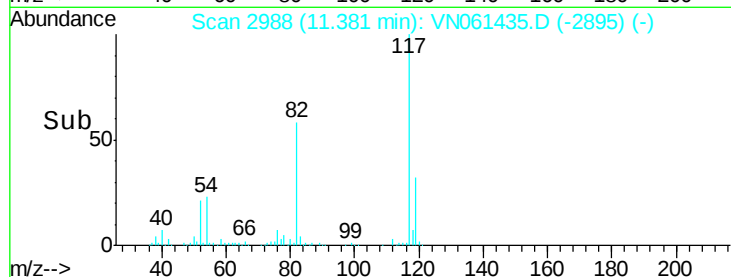
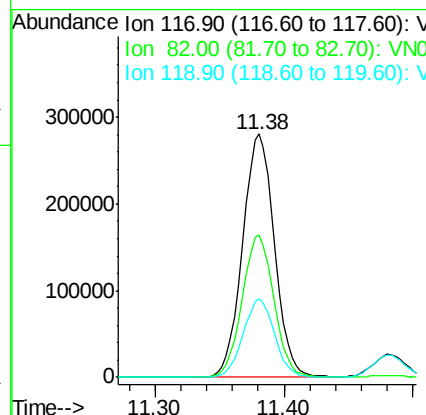
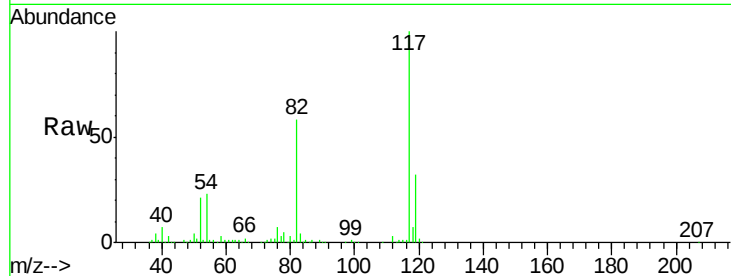
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	483577		
82	58.3		45.2	67.8
119	32.4		25.3	37.9

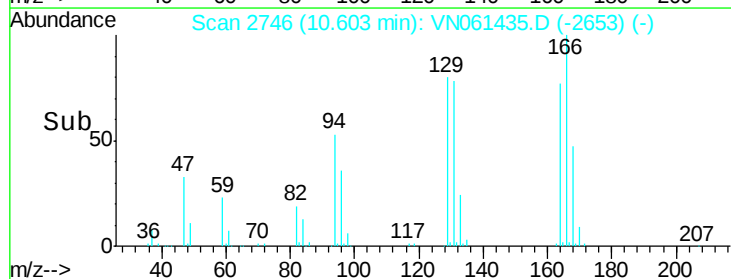
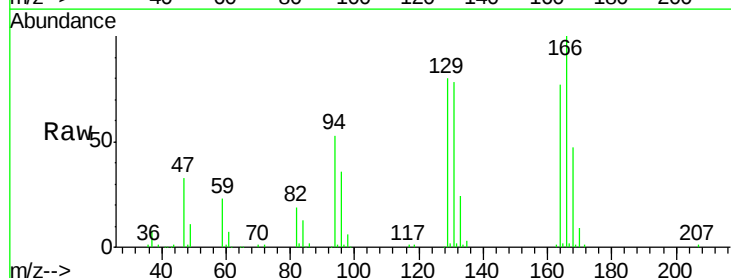
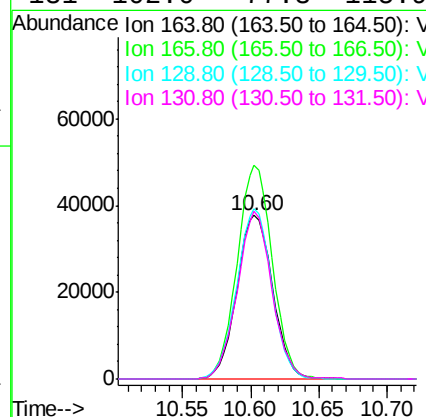
Manual Integrations
APPROVED

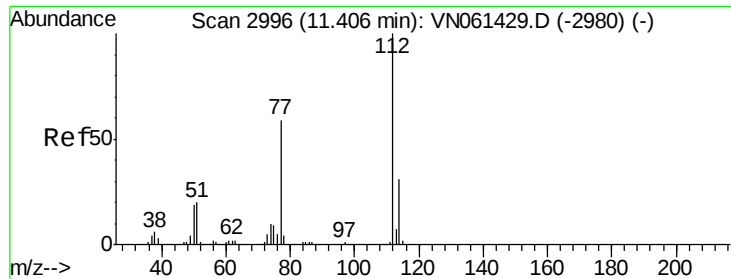
MMDadoda
5/19/2020 4:25:13 PM



#64
Tetrachloroethene
Concen: 18.451 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	69030		
166	130.4		103.2	154.8
129	103.7		81.0	121.4
131	102.0		77.3	115.9





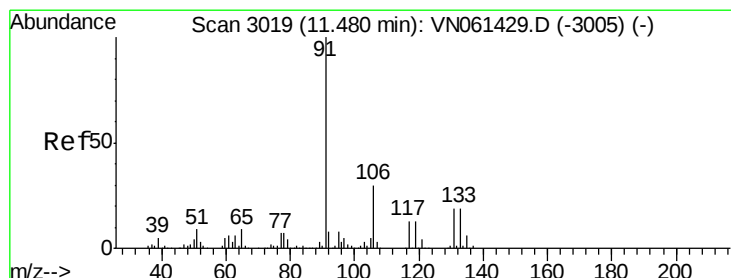
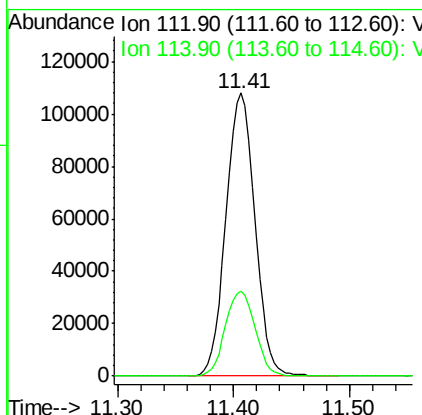
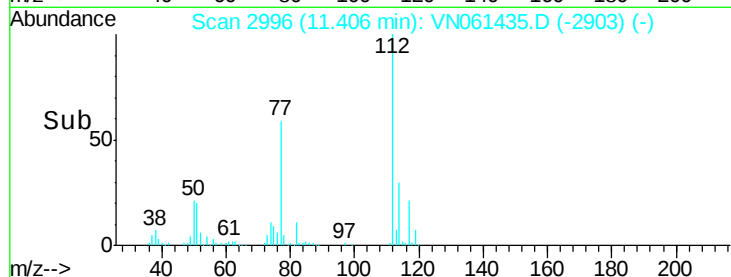
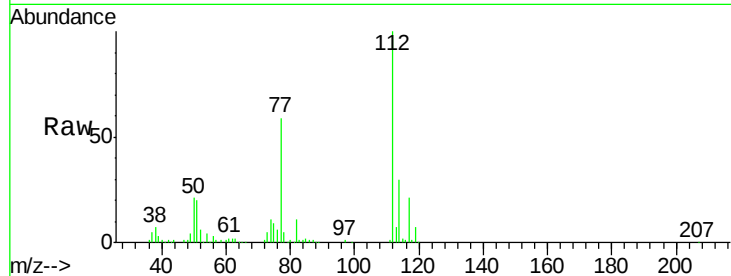
#65
Chlorobenzene
Concen: 18.925 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion:112 Resp: 186625
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.6

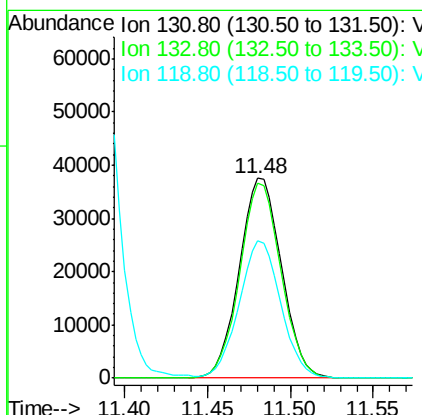
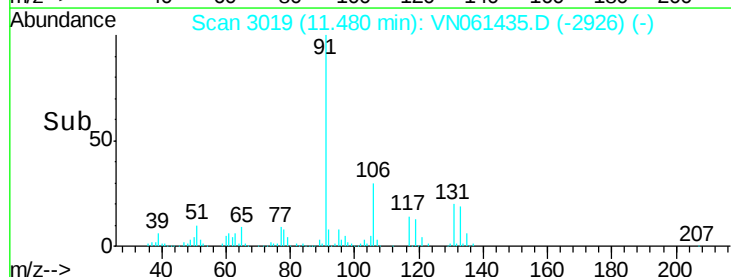
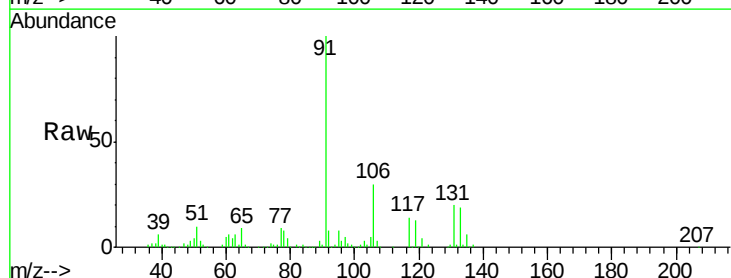
Manual Integrations
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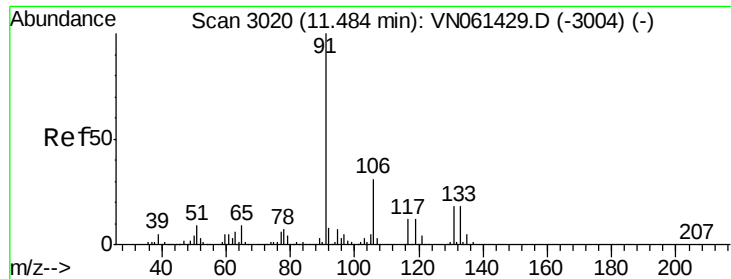
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.790 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion:131 Resp: 66429
Ion Ratio Lower Upper
131 100
133 95.2 48.7 146.1
119 67.8 33.8 101.3





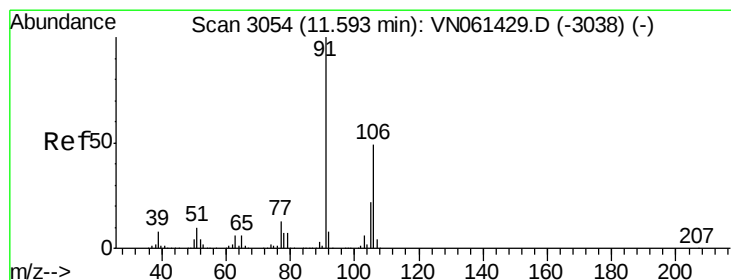
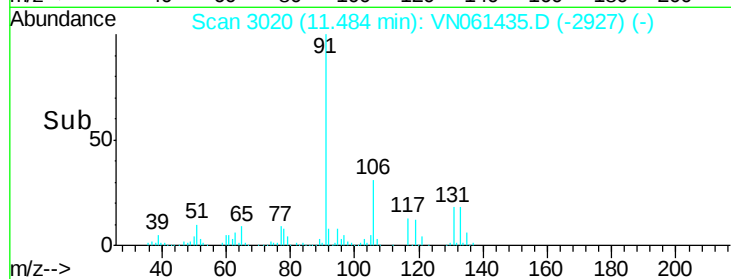
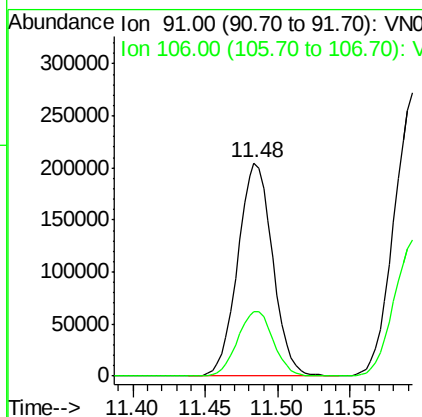
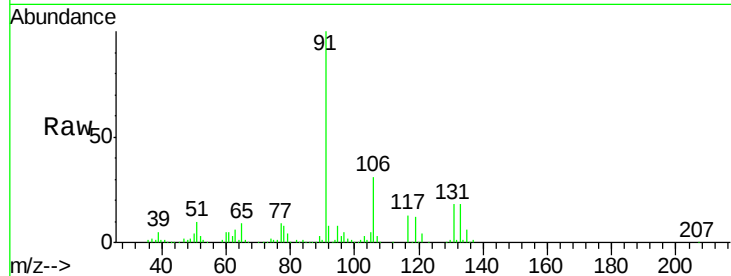
#67
Ethyl Benzene
Concen: 19.012 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	91	Resp	342225
Ion Ratio	100	Lower	Upper
106	30.5	24.6	36.8

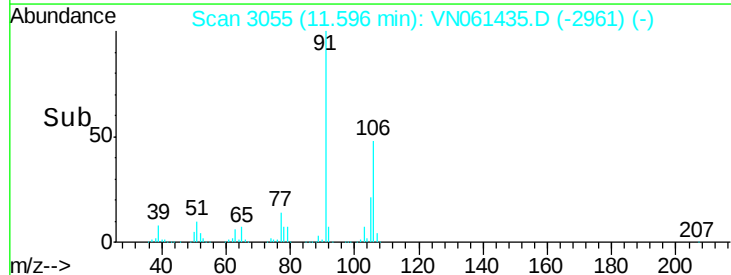
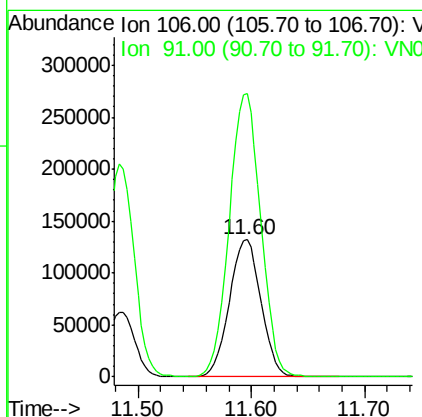
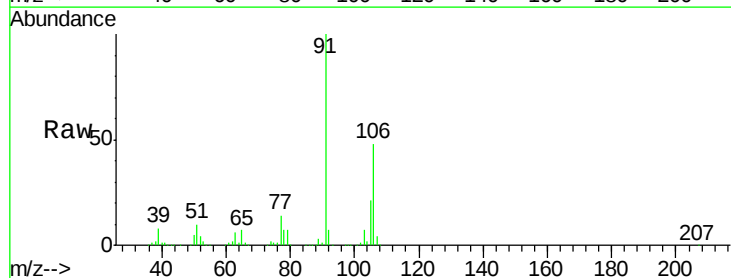
Manual Integrations
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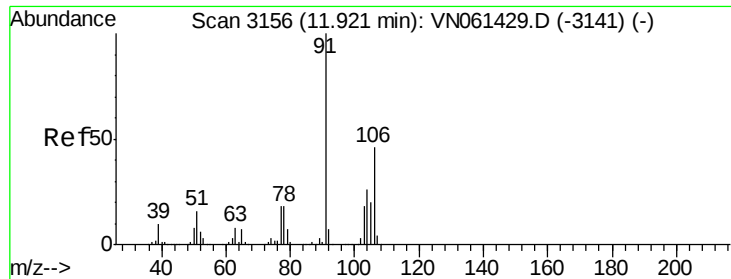
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#68
m/p-Xylenes
Concen: 37.455 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	106	Resp	255915
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	205.7	163.0	244.6





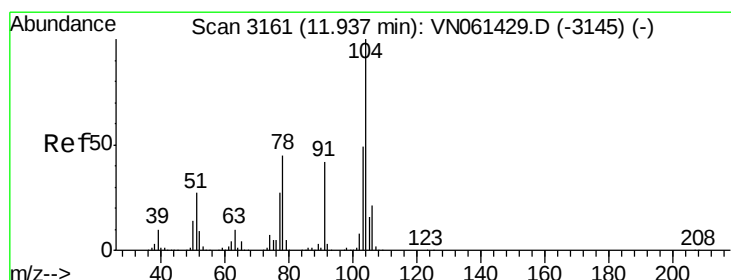
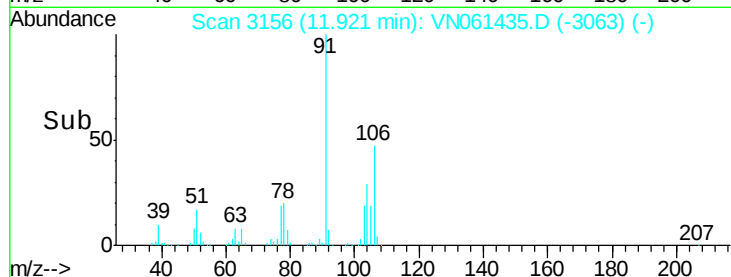
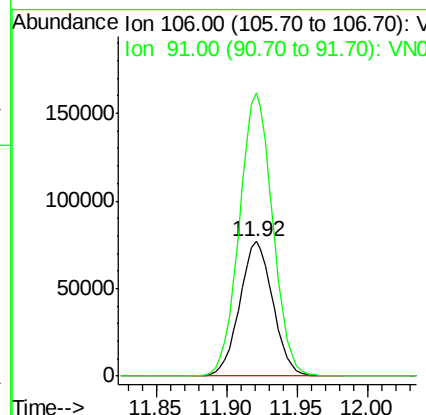
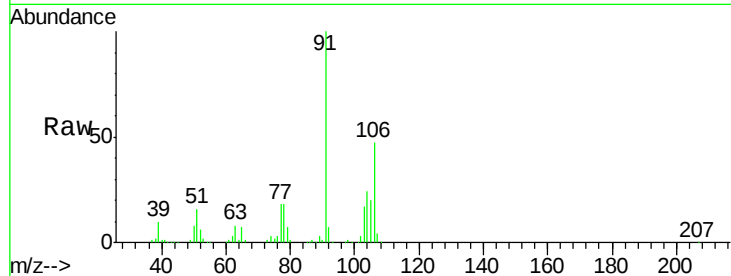
#69
o-Xylene
Concen: 19.111 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		126364		
91	211.7	107.9	323.7		

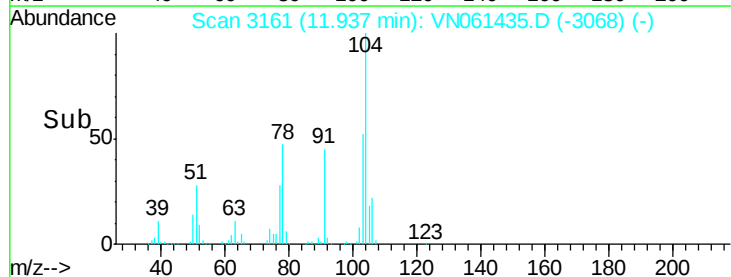
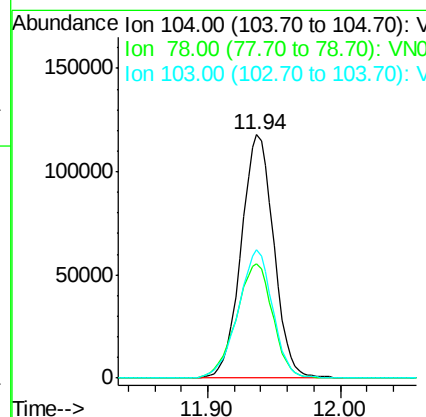
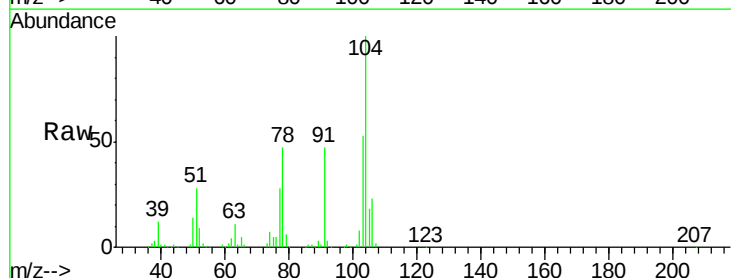
Manual Integrations
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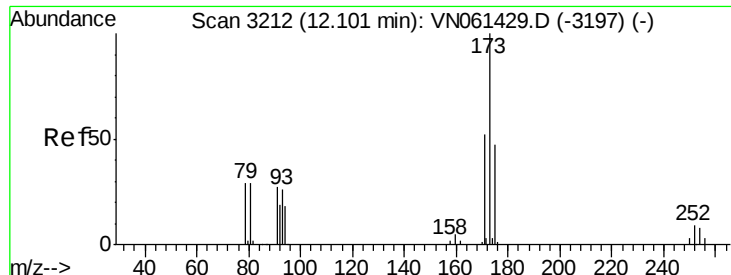
MMDadoda
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#70
Styrene
Concen: 18.427 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		201761		
78	52.6	40.7	61.1		
103	55.7	43.0	64.4		





#71

Bromoform

Concen: 17.424 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tot Ion:173 Resp: 44129

Ion Ratio Lower Upper

173 100

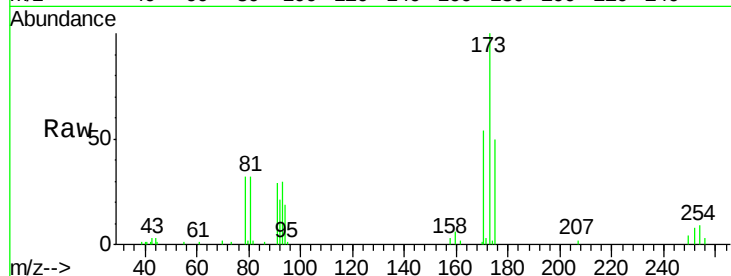
175 48.5 23.9 71.8

254 0.0 0.0 0.0

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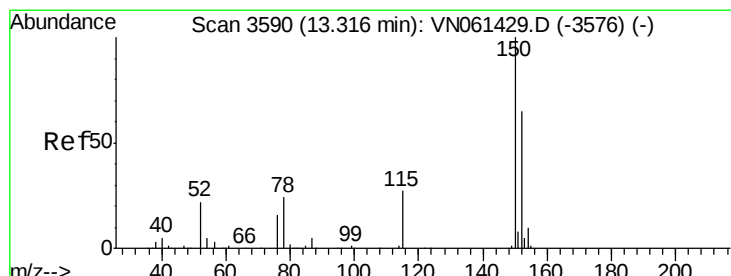
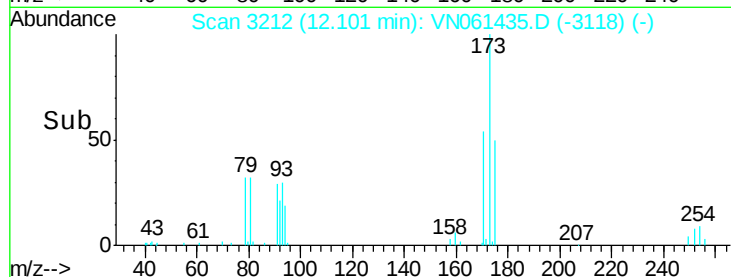
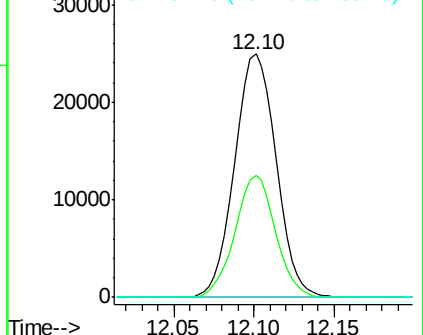
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN061435.D

Acq: 18 May 2020 15:27

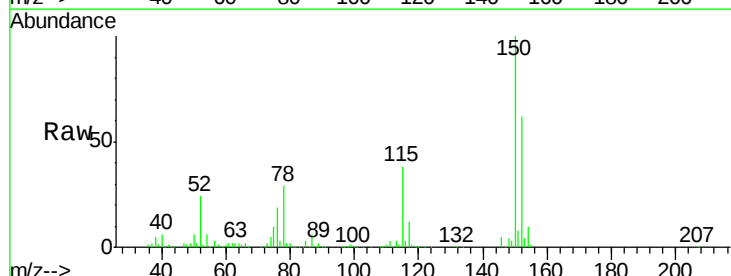
Tgt Ion:152 Resp: 218862

Ion Ratio Lower Upper

152 100

115 62.3 30.9 92.5

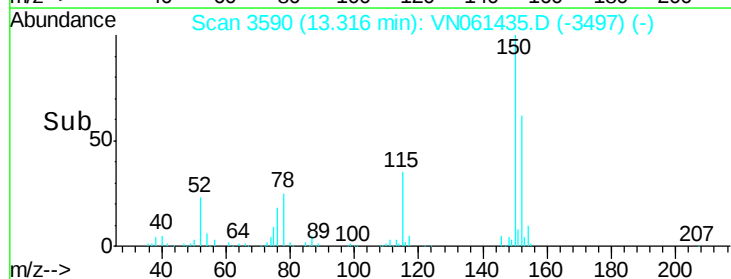
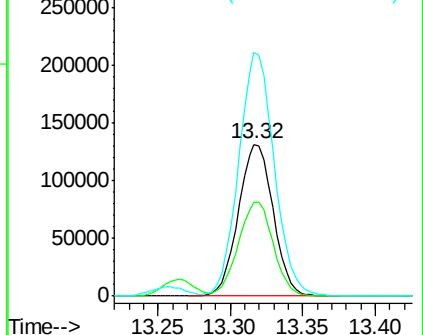
150 164.9 0.0 349.2

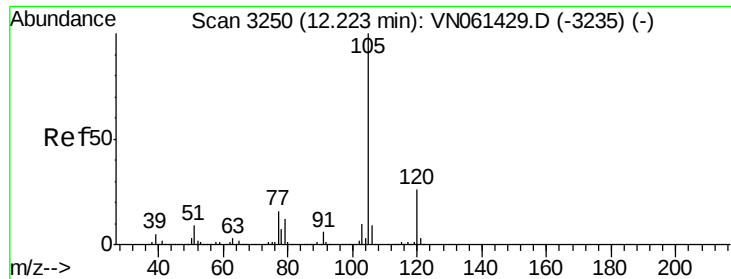


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.190 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tot Ion:105 Resp: 337176

Ion Ratio Lower Upper

105 100

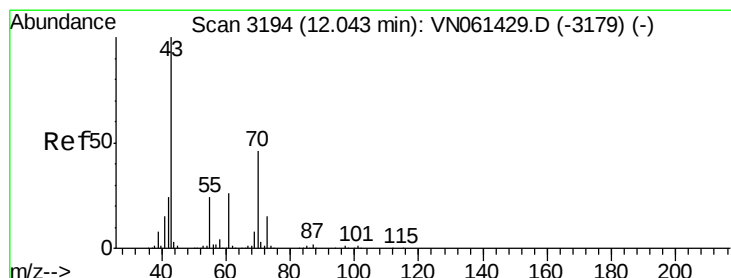
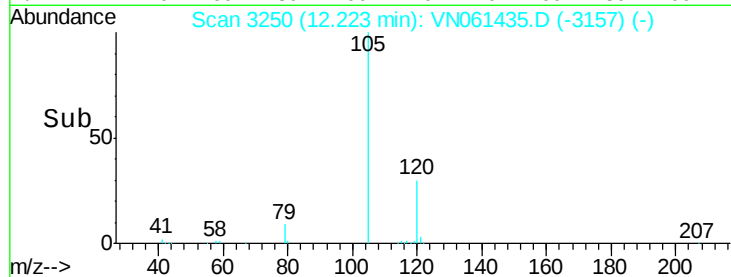
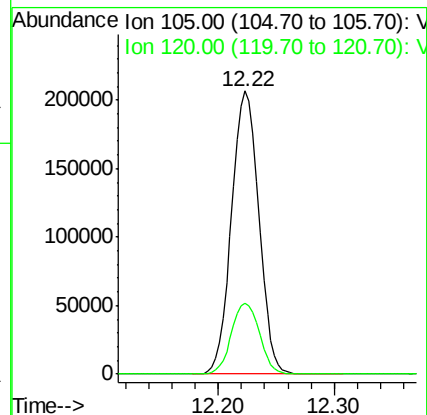
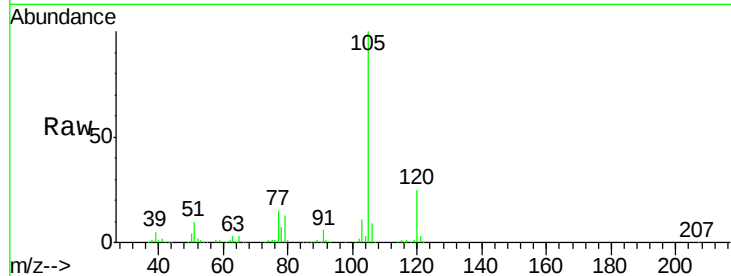
120 25.7 13.0 39.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.975 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Tgt Ion: 43 Resp: 122032

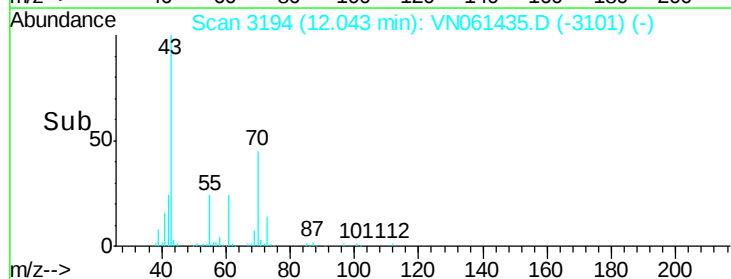
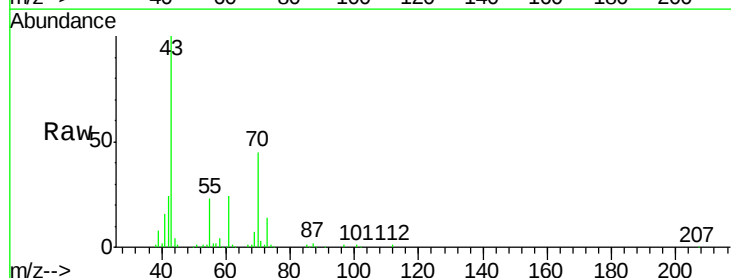
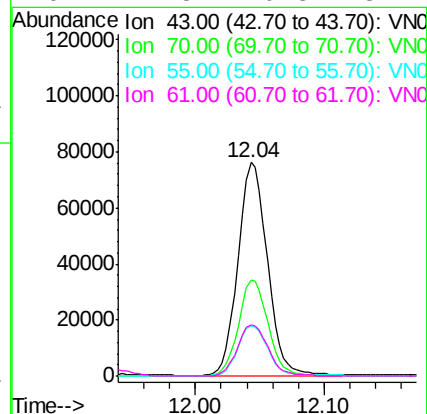
Ion Ratio Lower Upper

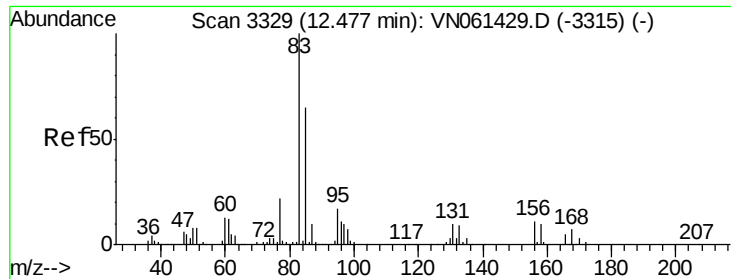
43 100

70 44.8 37.0 55.4

55 24.0 19.5 29.3

61 24.8 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.123 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

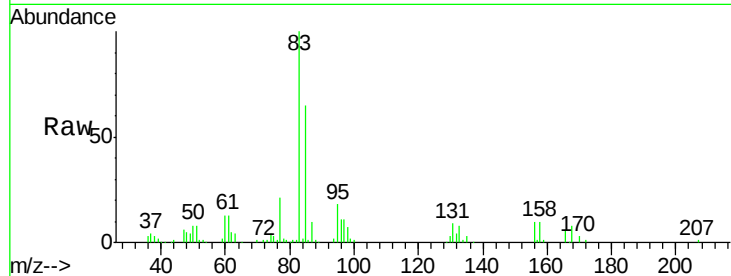
ClientSampleId :

VN0518WBS01

Tot Ion:	83	Resp:	92443
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.8	14.4
85	65.8	32.1	96.5

Manual Integrations
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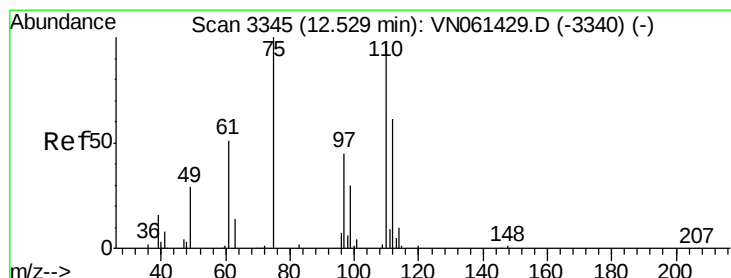
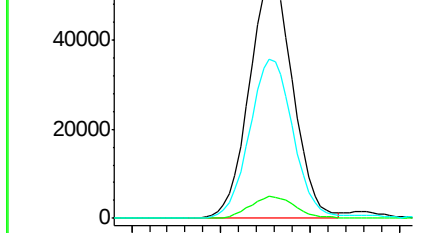
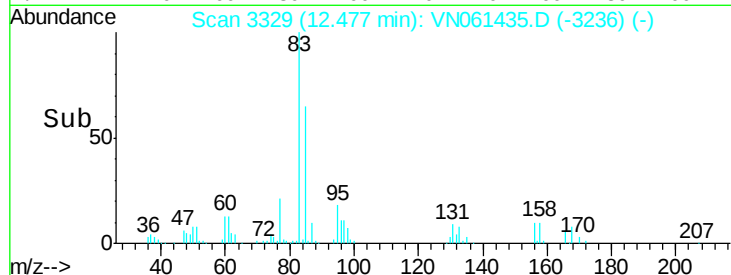


Abundance Ion 82.90 (82.60 to 83.60): VN061429.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061429.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061429.D (-3315) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 17.453 ug/l m

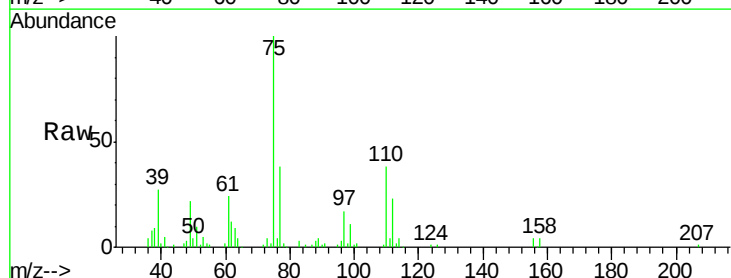
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

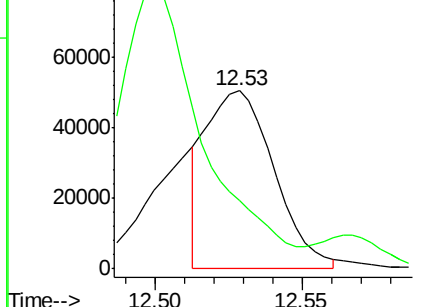
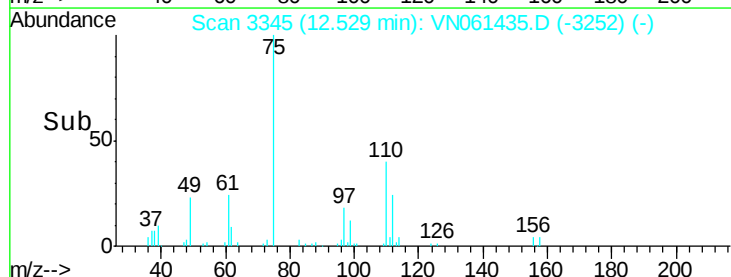
Tgt Ion:	75	Resp:	81965
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

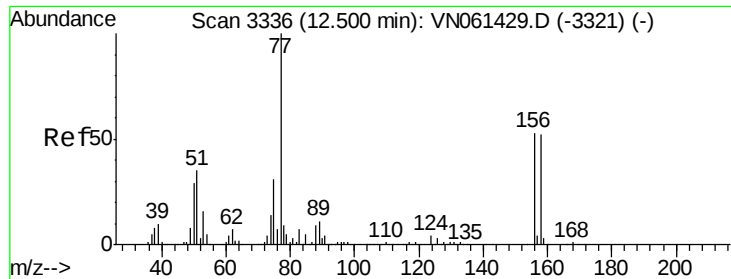


Abundance Ion 74.90 (74.60 to 75.60): VN061429.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061429.D (-3340) (-)

Time-->





#77

Bromobenzene

Concen: 18.673 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

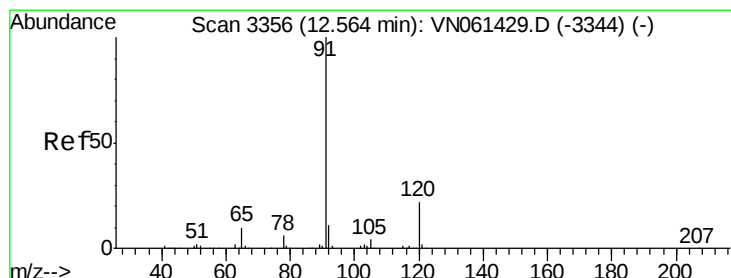
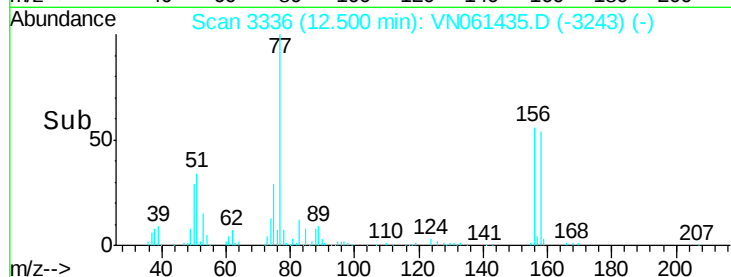
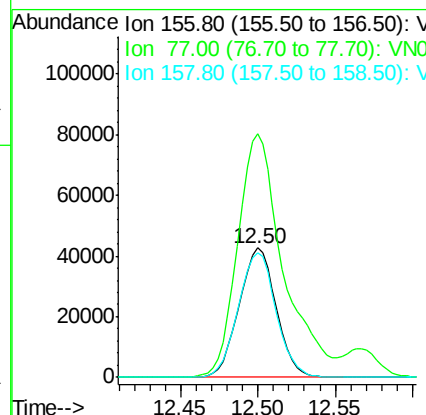
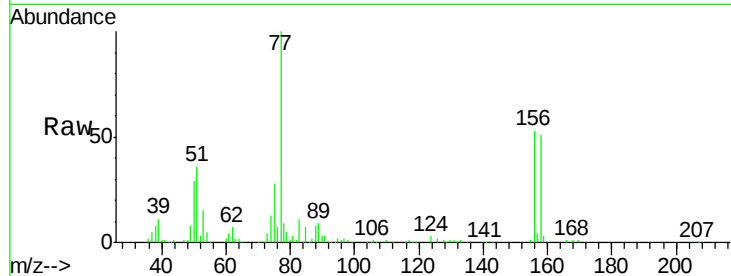
ClientSampleId :

VN0518WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	231.3	112.3	336.9
158	97.9	47.9	143.6

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#78

n-propylbenzene

Concen: 19.202 ug/l

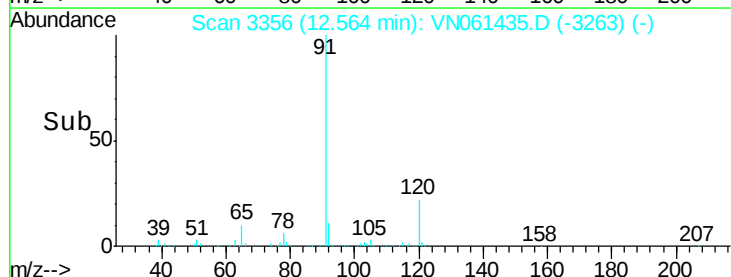
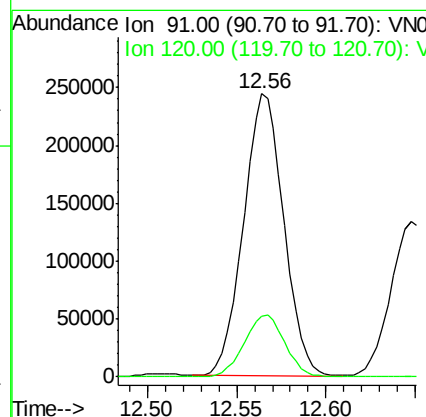
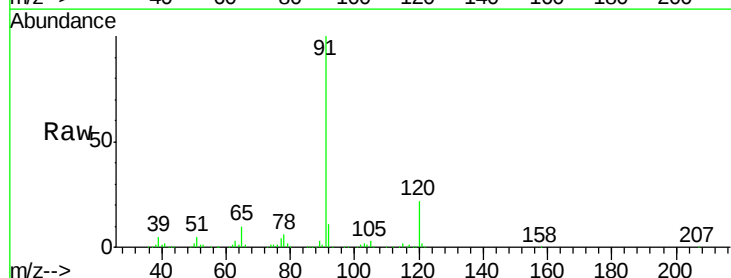
RT: 12.56 min Scan# 3356

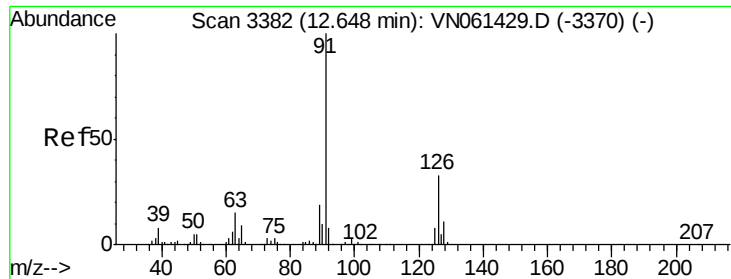
Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.2	33.6





#79

2-Chlorotoluene

Concen: 18.801 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

ClientSampled :

VN0518WBS01

Tot Ion: 91 Resp: 222468

Ion Ratio Lower Upper

91 100

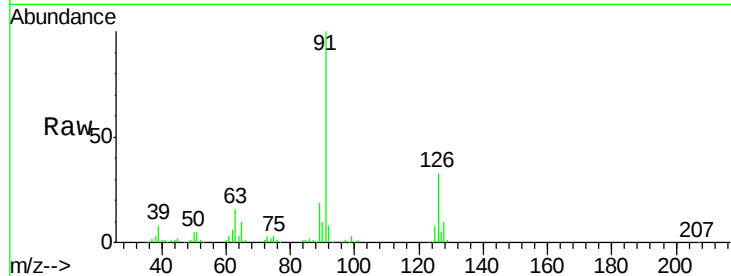
126 32.6 16.3 48.9

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Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061429.D (-3370) (-)

250000

200000

150000

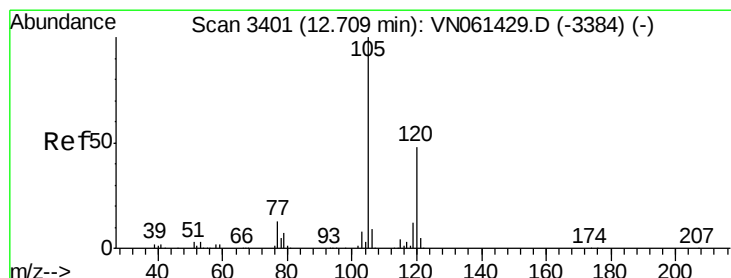
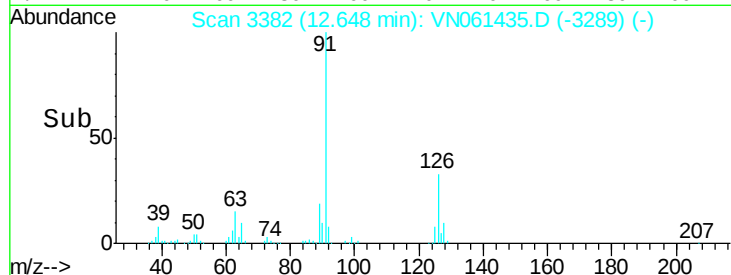
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.460 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061435.D

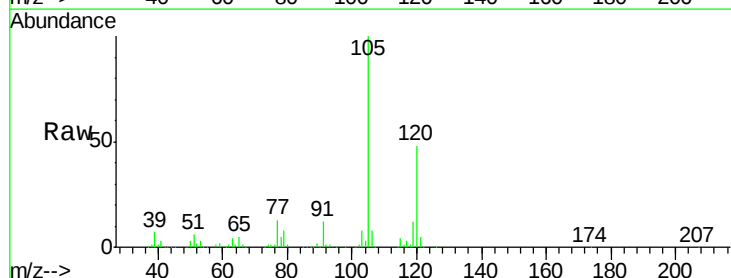
Acq: 18 May 2020 15:27

Tgt Ion:105 Resp: 279963

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN061429.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN061429.D (-3384) (-)

200000

150000

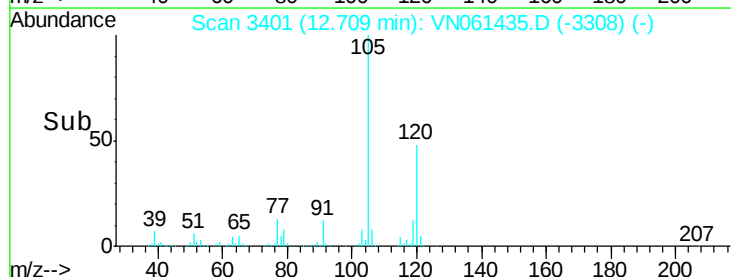
100000

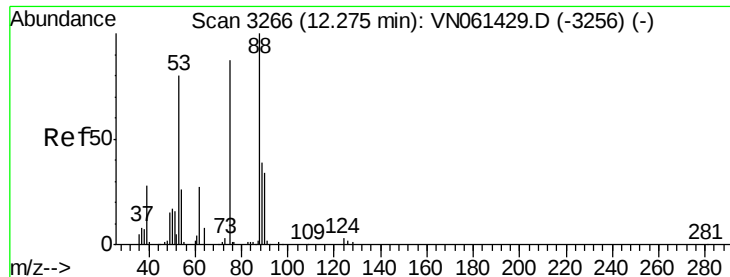
50000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.075 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tot Ion: 75 Resp: 31999

Ion Ratio Lower Upper

75 100

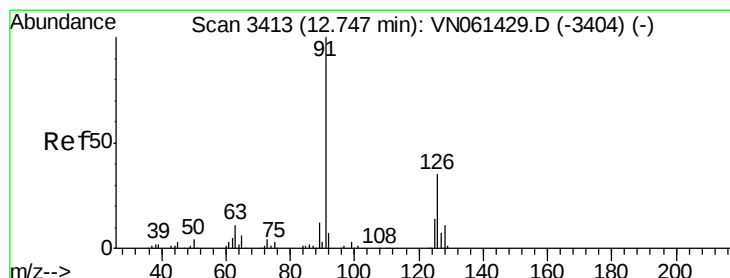
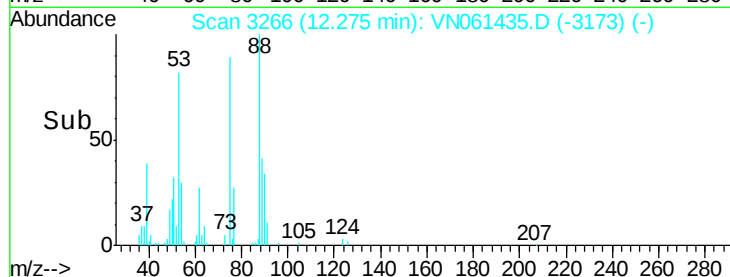
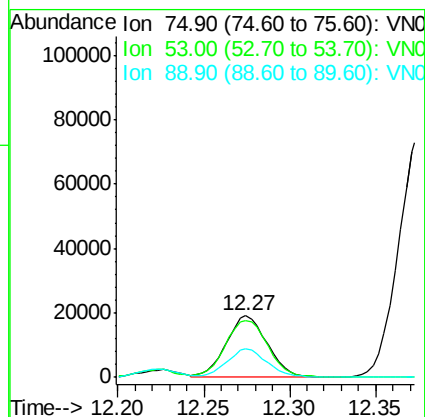
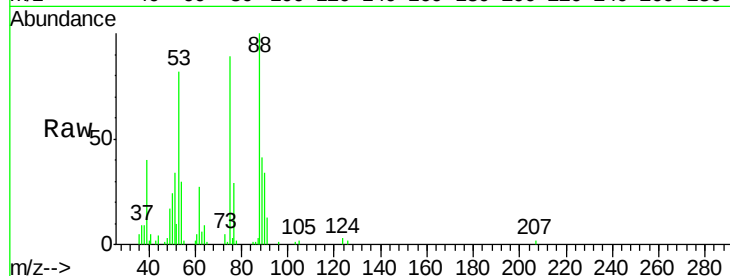
53 96.2 75.2 112.8

89 45.1 38.2 57.4

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#82

4-Chlorotoluene

Concen: 18.960 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061435.D

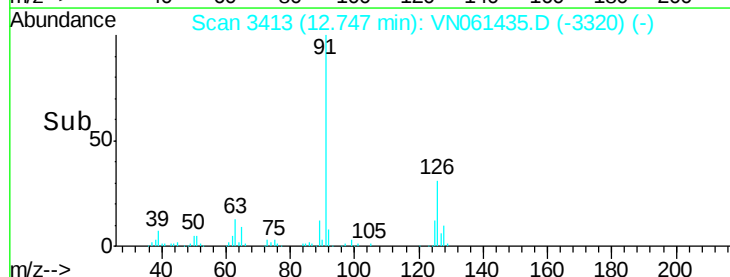
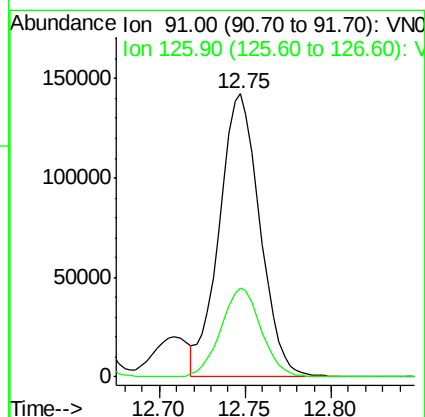
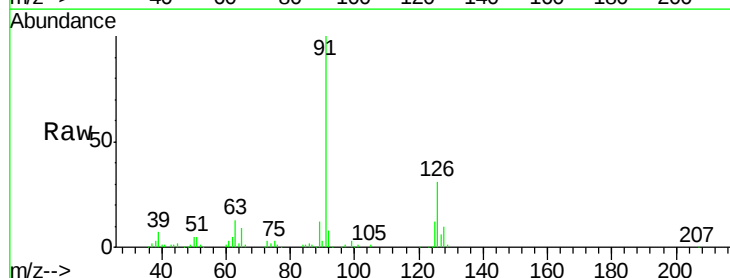
Acq: 18 May 2020 15:27

Tgt Ion: 91 Resp: 232305

Ion Ratio Lower Upper

91 100

126 31.3 16.1 48.2





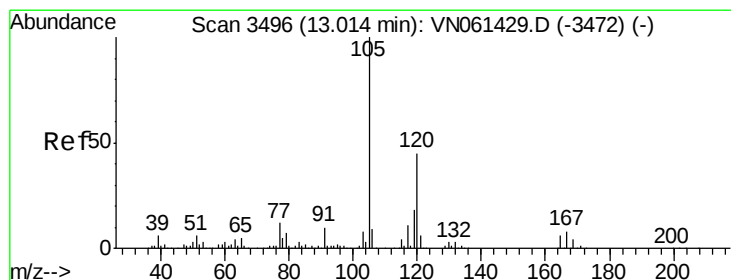
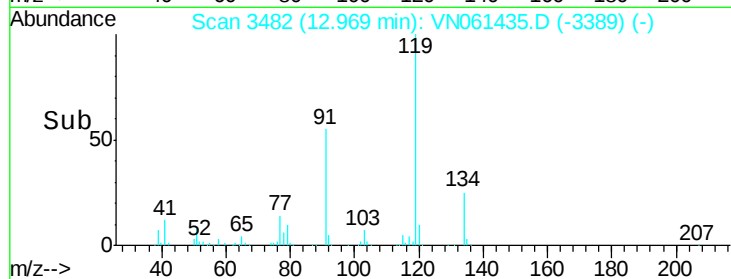
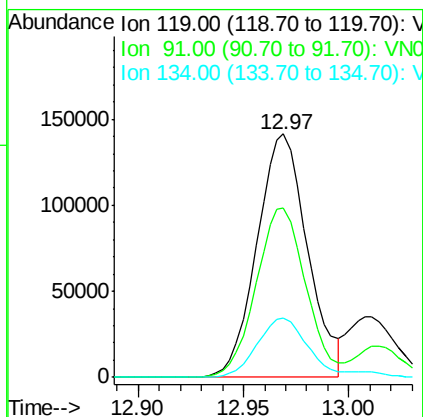
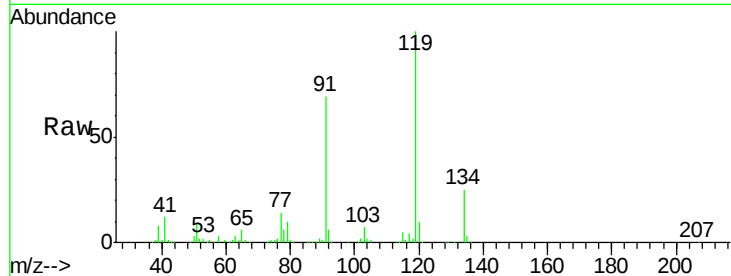
#83
tert-Butylbenzene
Concen: 19.139 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	235847		
91	68.3	33.7	101.0	
134	25.8	12.8	38.3	

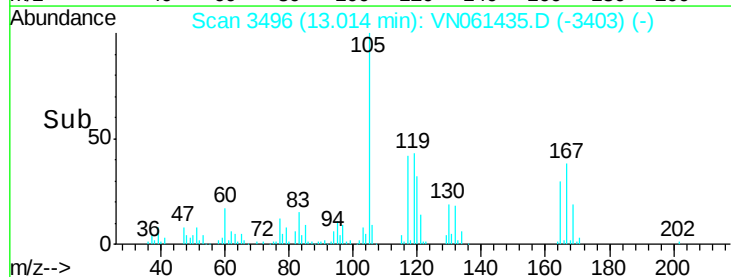
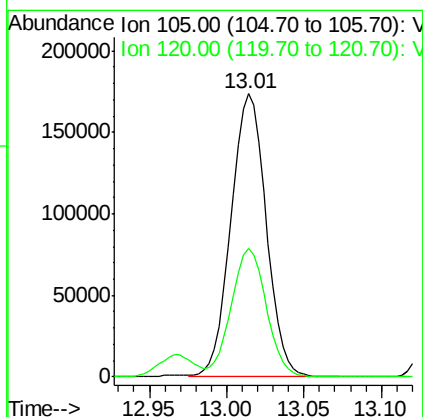
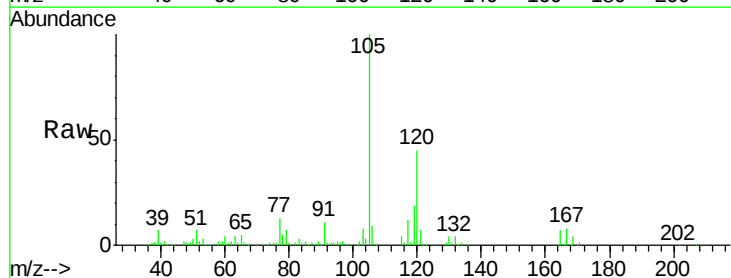
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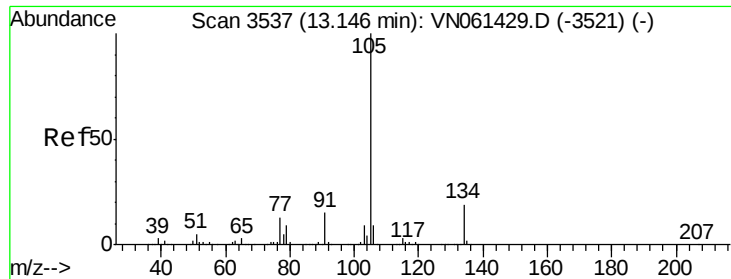
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#84
1,2,4-Trimethylbenzene
Concen: 18.975 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	273192		
120	45.6	22.4	67.3	





#85

sec-Butylbenzene

Concen: 19.147 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tot Ion:105 Resp: 319043

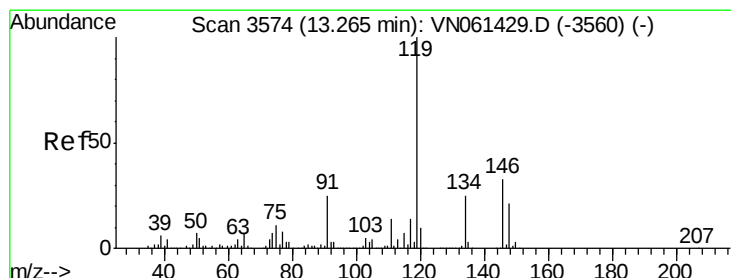
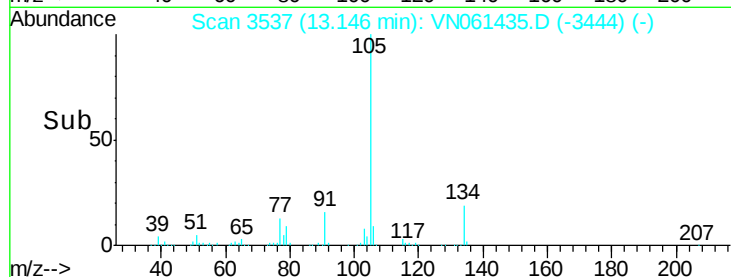
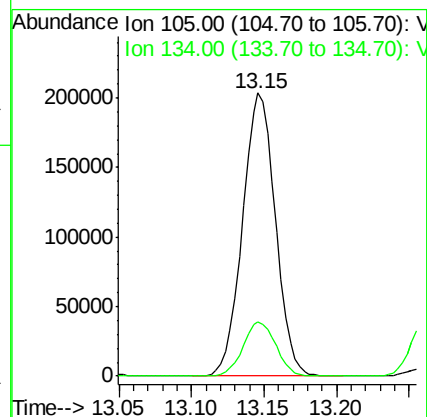
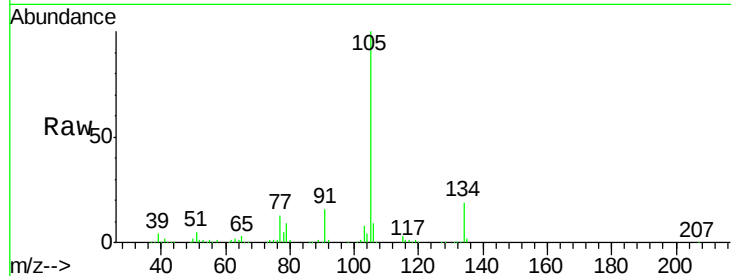
Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 19.008 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061435.D

Acq: 18 May 2020 15:27

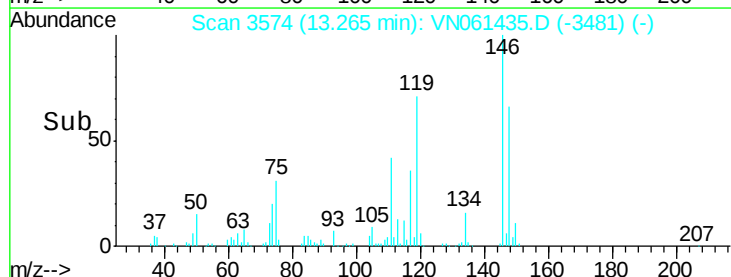
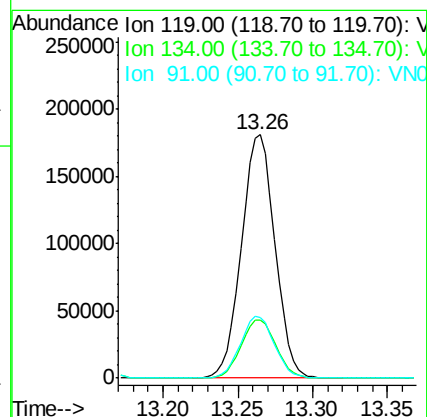
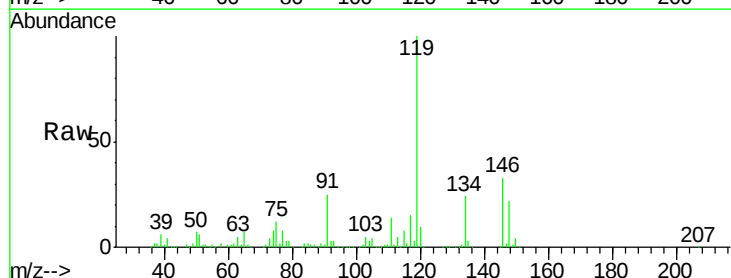
Tgt Ion:119 Resp: 281260

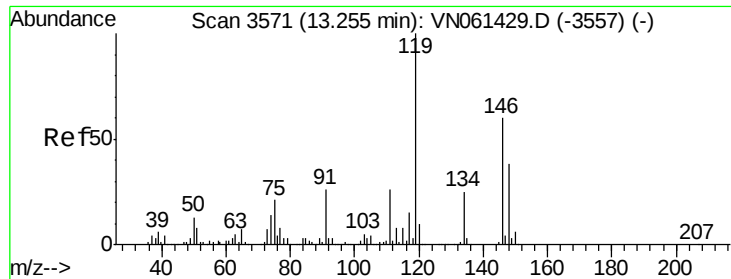
Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.1

91 25.8 12.6 37.6





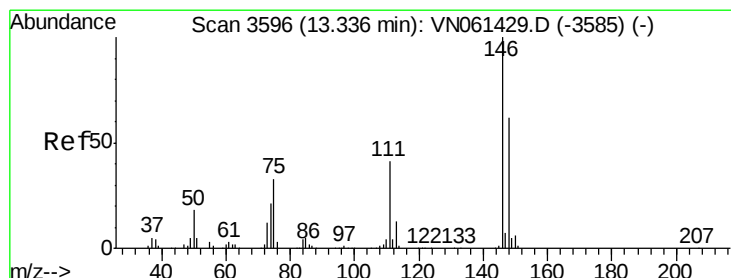
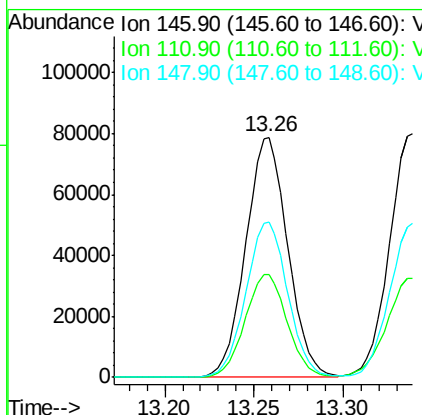
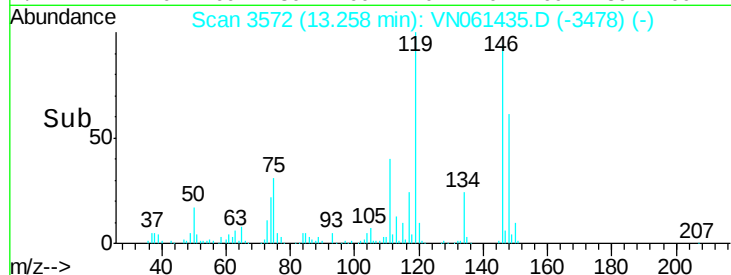
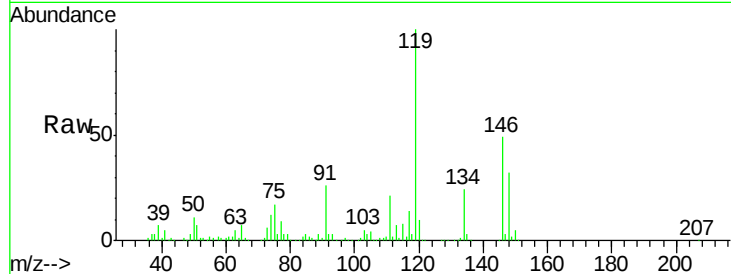
#87
 1,3-Dichlorobenzene
 Concen: 18.613 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	129890		
111	42.8	21.5	64.5	
148	64.4	31.8	95.3	

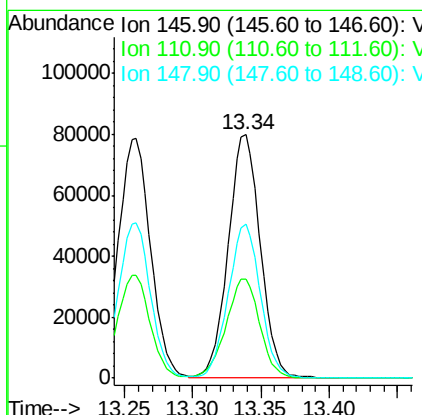
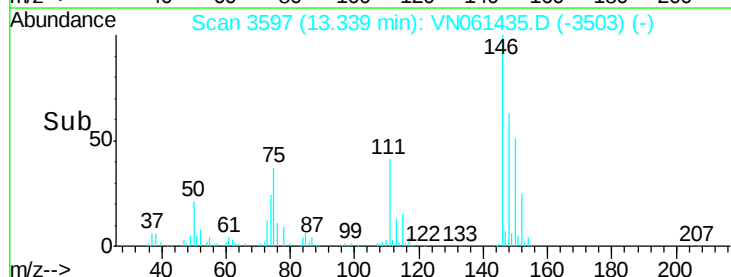
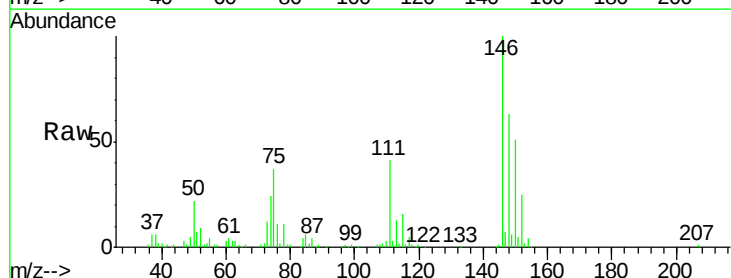
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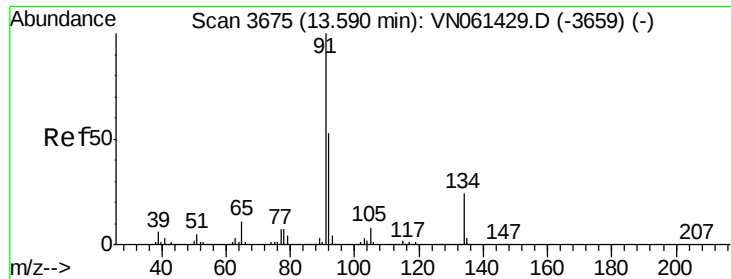
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#88
 1,4-Dichlorobenzene
 Concen: 18.735 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	130938		
111	42.7	20.8	62.5	
148	62.5	31.6	94.8	





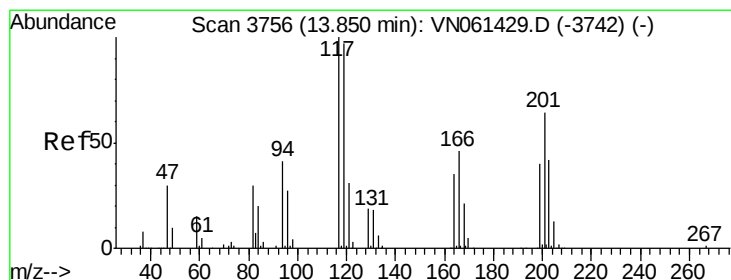
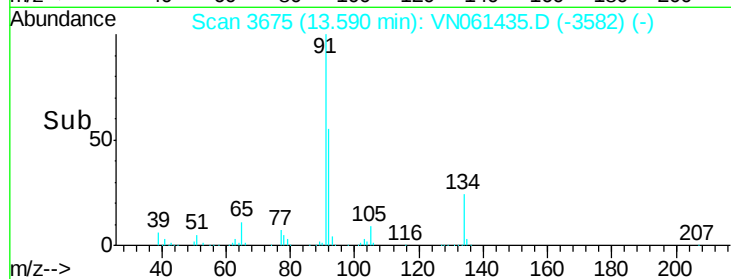
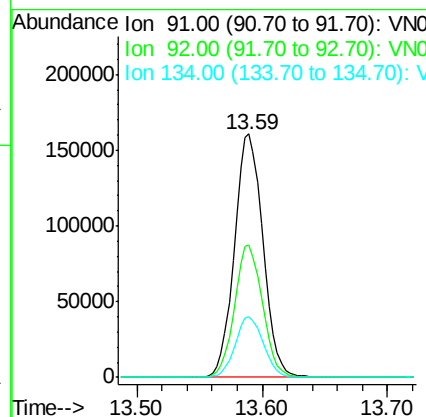
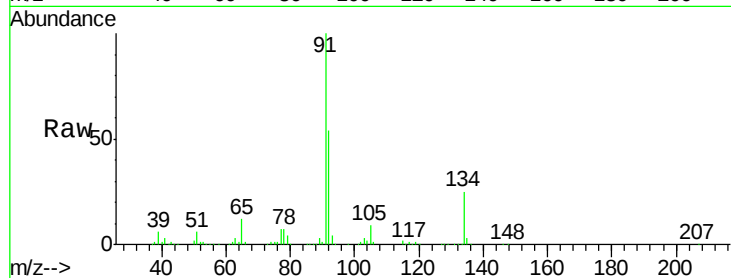
#89
n-Butylbenzene
Concen: 18.892 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.8	80.3
134	24.6	12.4	37.4

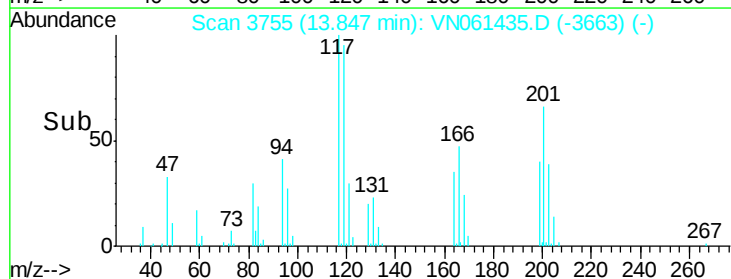
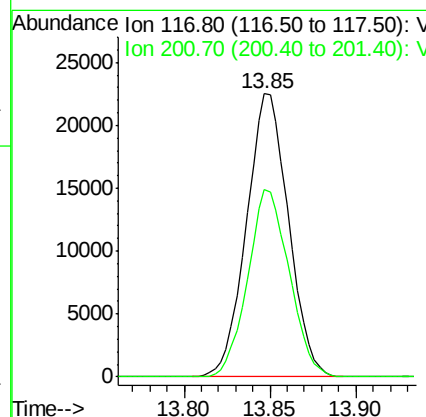
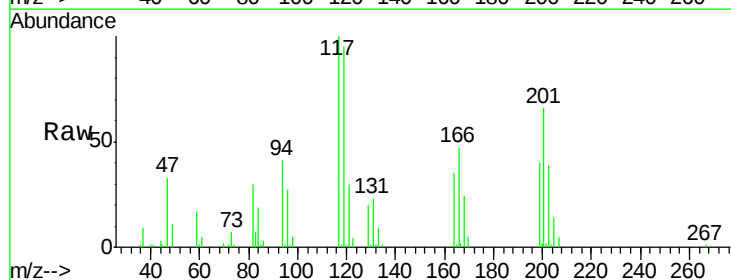
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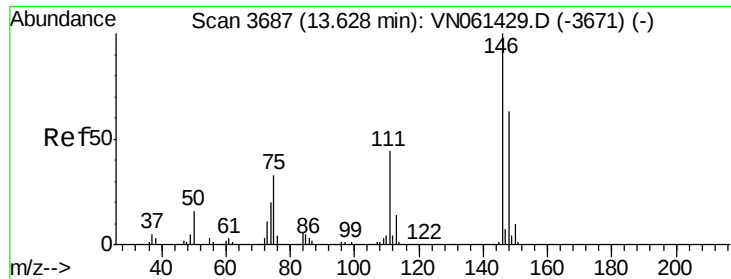
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#90
Hexachloroethane
Concen: 19.002 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.2	32.9	98.7





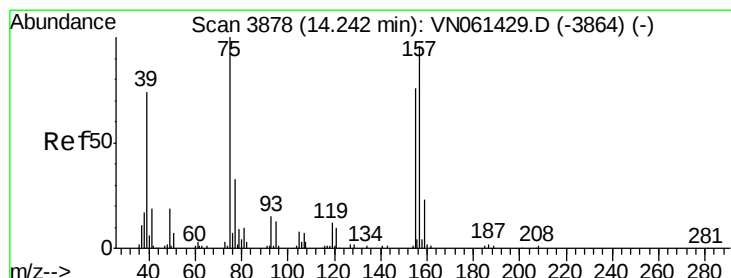
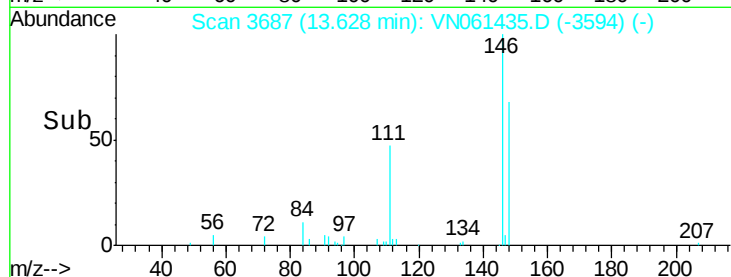
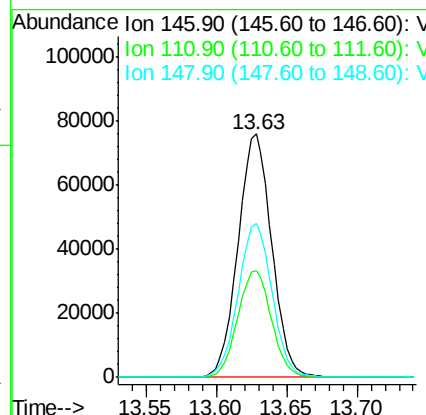
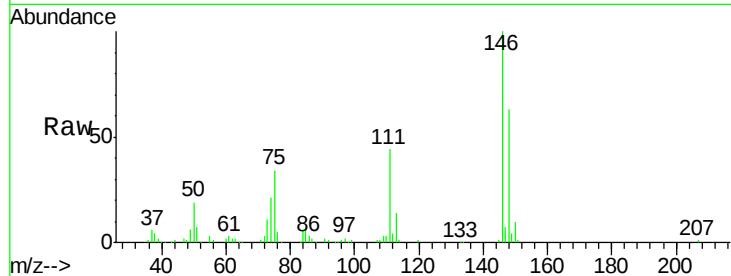
#91
 1,2-Dichlorobenzene
 Concen: 19.017 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.9	65.7
148	63.6	31.6	94.7

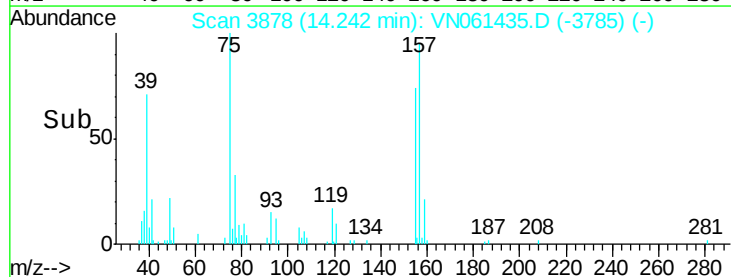
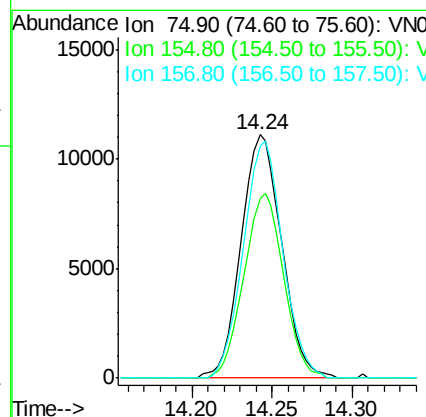
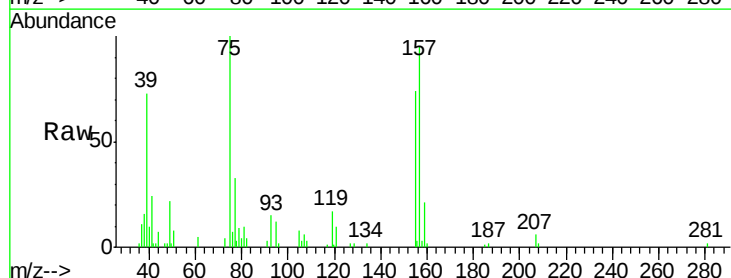
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.692 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.0	38.9	116.7
157	94.5	48.6	145.8





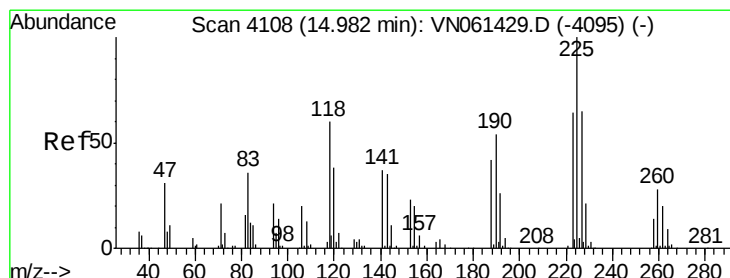
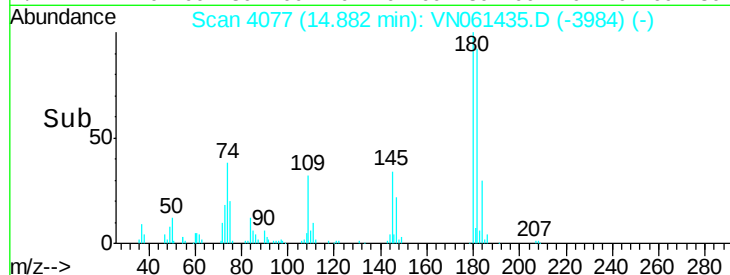
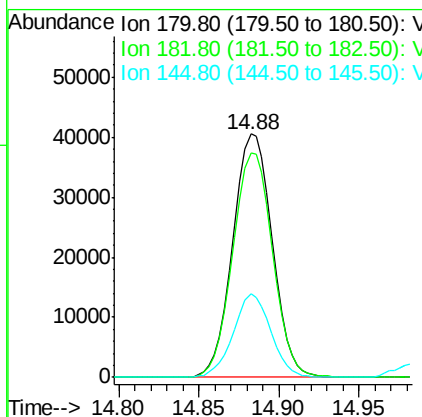
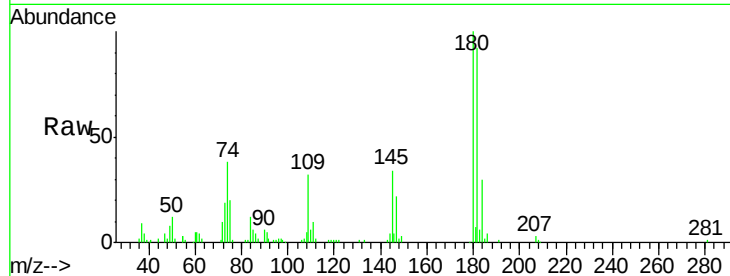
#93
 1,2,4-Trichlorobenzene
 Concen: 18.742 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	68028		
182	93.6		47.0	141.0
145	32.6		16.7	50.0

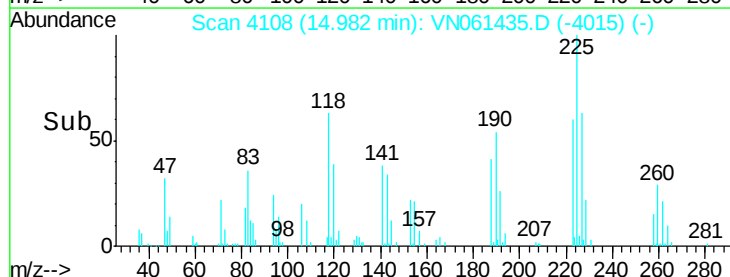
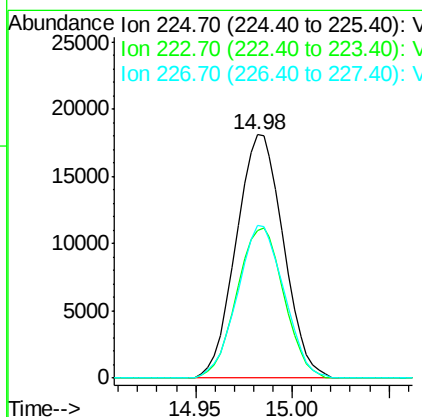
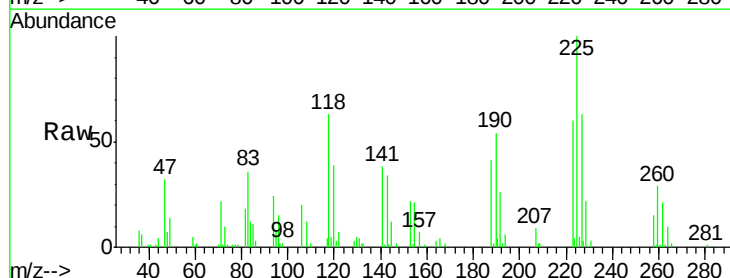
Manual Integrations
 APPROVED

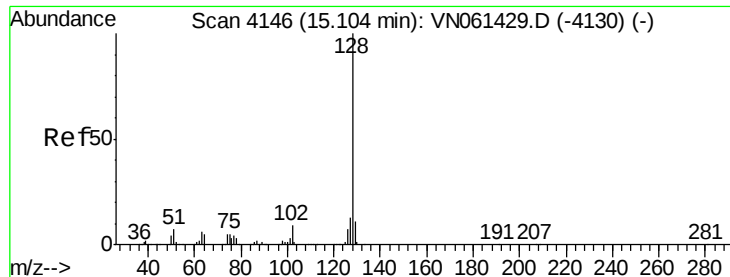
MMDadoda
 5/19/2020 4:25:13 PM



#94
 Hexachlorobutadiene
 Concen: 19.043 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061435.D
 Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30712		
223	61.3		31.9	95.7
227	62.1		31.5	94.5





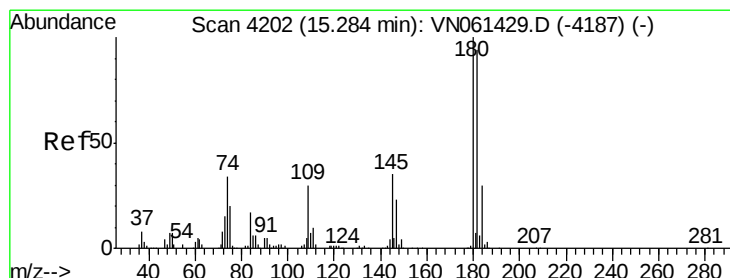
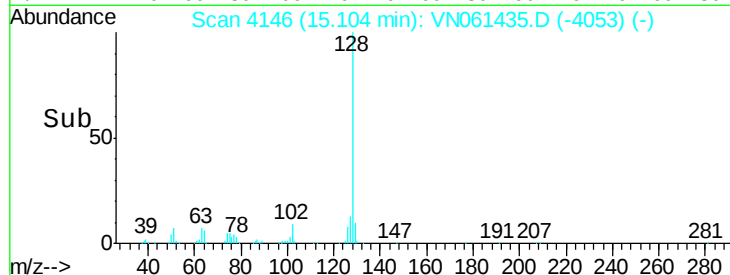
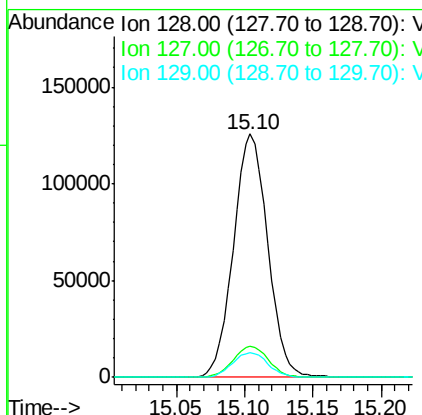
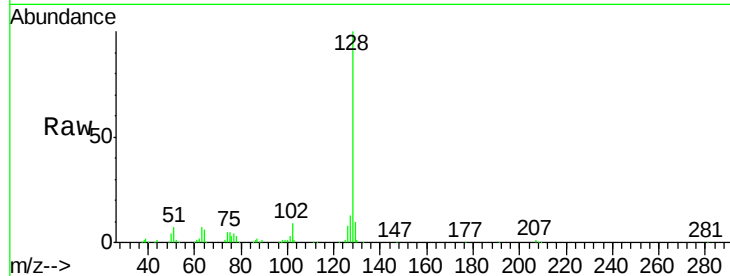
#95
Naphthalene
Concen: 19.032 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	219608		
127	12.9		10.1	15.1
129	10.5		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/19/2020 4:25:13 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.649 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061435.D
Acq: 18 May 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	67386		
182	94.6		47.8	143.3
145	36.8		17.3	51.9

