

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061279.D
 Acq On : 4 May 2020 15:40
 Operator : JC/MD
 Sample : L2467-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MSD

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:36:17 AM

Quant Time: May 05 04:55:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	104955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	182044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	172617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83549	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	84917	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	7.55	113	51383	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	10.06	98	225761	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.38	95	85951	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	55181	49.580	ug/l	98
3) Chloromethane	2.03	50	76980	57.109	ug/l	99
4) Vinyl Chloride	2.16	62	84386	55.118	ug/l	100
5) Bromomethane	2.53	94	34678	45.823	ug/l	99
6) Chloroethane	2.67	64	49731	51.248	ug/l	97
7) Trichlorofluoromethane	2.98	101	101056	58.505	ug/l	99
8) Diethyl Ether	3.37	74	40806	56.638	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	57806	51.948	ug/l	99
10) Methyl Iodide	3.91	142	64672	45.223	ug/l	99
11) Tert butyl alcohol	4.73	59	69756	313.559	ug/l	100
12) 1,1-Dichloroethene	3.69	96	57037	51.507	ug/l	99
13) Acrolein	3.56	56	44811	302.263	ug/l	98
14) Allyl chloride	4.27	41	123248	60.026	ug/l	98
15) Acrylonitrile	4.93	53	192085	281.274	ug/l	100
16) Acetone	3.77	43	165519	257.881	ug/l	99
17) Carbon Disulfide	4.01	76	133431	43.620	ug/l	99
18) Methyl Acetate	4.27	43	98437	46.998	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	219906	51.971	ug/l	98
20) Methylene Chloride	4.50	84	66908	51.668	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	62105	51.505	ug/l	99
22) Diisopropyl ether	5.90	45	258174	54.223	ug/l	99
23) Vinyl Acetate	5.84	43	1019663	265.973	ug/l	99
24) 1,1-Dichloroethane	5.80	63	130074	52.287	ug/l	99
25) 2-Butanone	6.78	43	269449	274.194	ug/l	99
26) 2,2-Dichloropropane	6.77	77	106848	50.993	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	73750	52.119	ug/l	99
28) Bromochloromethane	7.15	49	64313	54.544	ug/l	96
29) Tetrahydrofuran	7.17	42	180753	273.055	ug/l	98
30) Chloroform	7.33	83	126300	50.099	ug/l	100
31) Cyclohexane	7.61	56	114069	47.215	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	108816	49.568	ug/l	98
36) 1,1-Dichloropropene	7.75	75	93766	51.453	ug/l	99
37) Ethyl Acetate	6.88	43	112576	52.694	ug/l	98
38) Carbon Tetrachloride	7.73	117	85366	51.281	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	107084	52.397	ug/l	98
40) Benzene	8.00	78	276451	50.919	ug/l	100
41) Methacrylonitrile	7.13	41	57811m	65.174	ug/l	
42) 1,2-Dichloroethane	8.09	62	108104	52.560	ug/l	99
43) Isopropyl Acetate	8.13	43	243016	68.540	ug/l #	90
44) Trichloroethene	8.80	130	69439	47.312	ug/l	99
45) 1,2-Dichloropropane	9.09	63	75880	52.314	ug/l	99
46) Dibromomethane	9.18	93	46750	52.055	ug/l	99
47) Bromodichloromethane	9.37	83	101308	52.555	ug/l	98
48) Methyl methacrylate	9.17	41	91380	57.114	ug/l	97
49) 1,4-Dioxane	9.17	88	19261	1060.543	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	578875	277.373	ug/l	99
52) Toluene	10.12	92	169550	51.847	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	114997	52.944	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	119831	52.185	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	68665	52.642	ug/l	99
56) Ethyl methacrylate	10.40	69	111393	49.061	ug/l	99
57) 1,3-Dichloropropane	10.68	76	121643	53.055	ug/l	100
59) 2-Hexanone	10.72	43	429745	283.039	ug/l	99
60) Dibromochloromethane	10.87	129	70659	51.722	ug/l	100
61) 1,2-Dibromoethane	10.98	107	68650	52.510	ug/l	99
64) Tetrachloroethene	10.60	164	68297	45.682	ug/l	98
65) Chlorobenzene	11.41	112	173384	50.636	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	64623	52.731	ug/l	99
67) Ethyl Benzene	11.48	91	332217	51.828	ug/l	100
68) m/p-Xylenes	11.60	106	242608	103.403	ug/l	98
69) o-Xylene	11.92	106	114973	51.015	ug/l	97
70) Stvrene	11.94	104	198449	52.611	ug/l	99
71) Bromoform	12.10	173	48668	54.033	ug/l #	100
73) Isopropylbenzene	12.22	105	318448	51.847	ug/l	100
74) N-amyl acetate	12.05	43	162616	52.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	102107	53.314	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	92582m	52.560	ug/l	
77) Bromobenzene	12.50	156	71998	50.779	ug/l	97
78) n-propylbenzene	12.57	91	382852	52.552	ug/l	100
79) 2-Chlorotoluene	12.65	91	222012	51.847	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	268585	52.834	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	36666	52.862	ug/l	94
82) 4-Chlorotoluene	12.75	91	236051	52.303	ug/l	98
83) tert-Butylbenzene	12.97	119	236050	55.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	271206	51.782	ug/l	99
85) sec-Butylbenzene	13.15	105	311724	53.340	ug/l	100
86) p-Isopropyltoluene	13.26	119	276405	52.494	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	133901	51.300	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	135227	50.705	ug/l	99
89) n-Butylbenzene	13.59	91	265683	55.040	ug/l	99
90) Hexachloroethane	13.85	117	33219	58.885	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	129316	51.670	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21569	53.324	ug/l	99
93) 1,2,4-Trichlorobenzene	14.89	180	77884	51.104	ug/l	98

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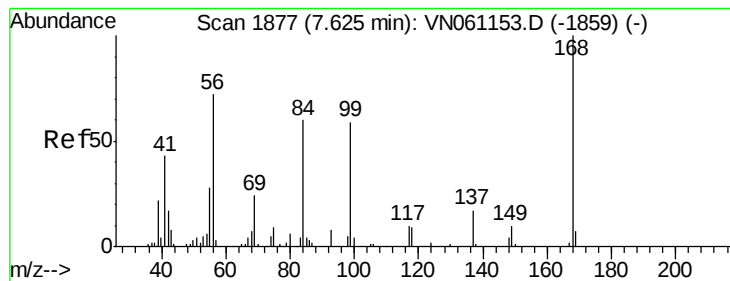
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	34070	53.511	ug/l	98
95) Naphthalene	15.11	128	253838	51.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	76901	51.108	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

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Instrument :

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SS040MW015-200428MSD

Tot Ion:168 Resp: 104955

Ion Ratio Lower Upper

168 100

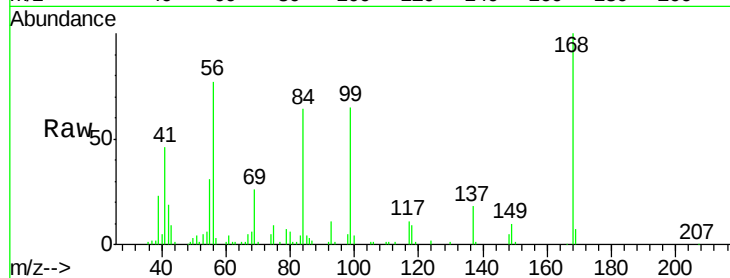
99 64.5 51.2 76.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

40000

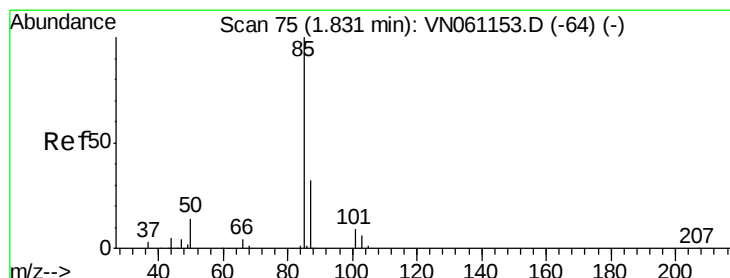
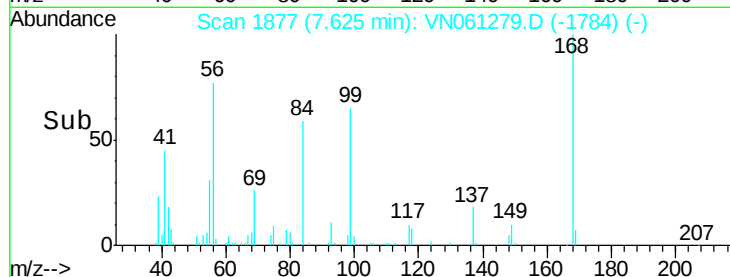
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 49.580 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061279.D

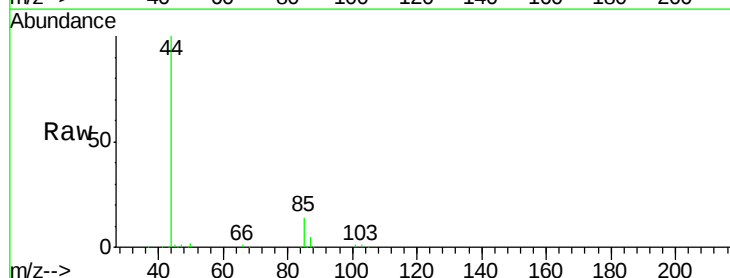
Acq: 4 May 2020 15:40

Tgt Ion: 85 Resp: 55181

Ion Ratio Lower Upper

85 100

87 33.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

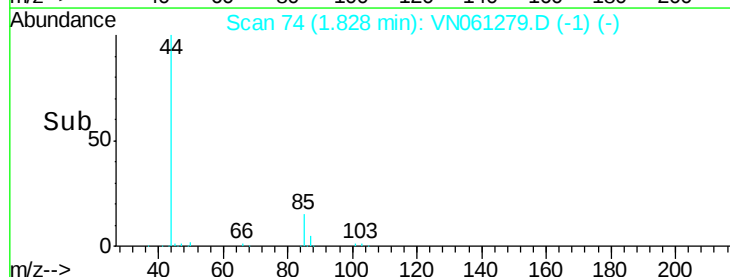
30000

20000

10000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 57.109 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MSD

Tot Ion: 50 Resp: 76980

Ion Ratio Lower Upper

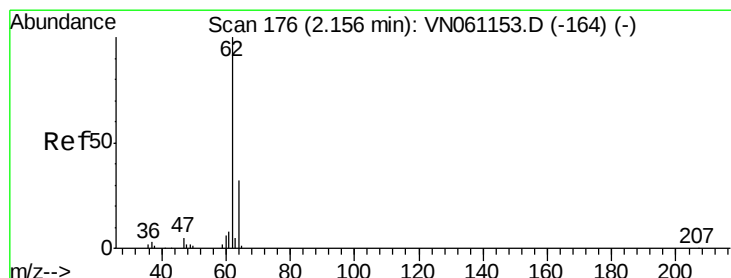
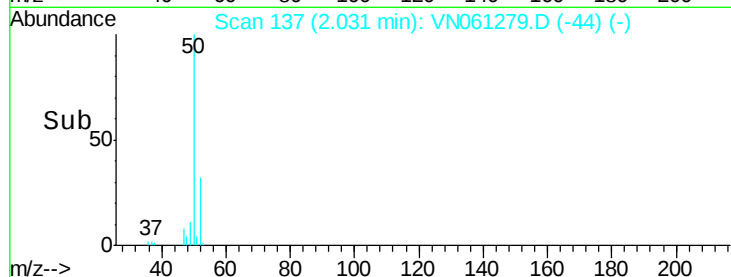
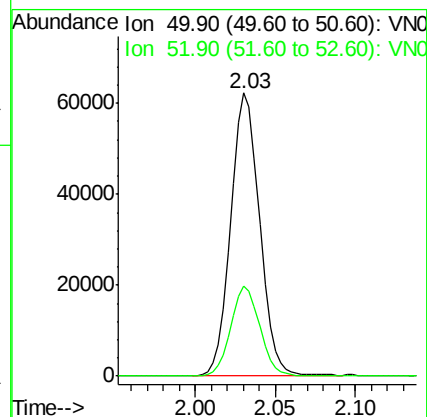
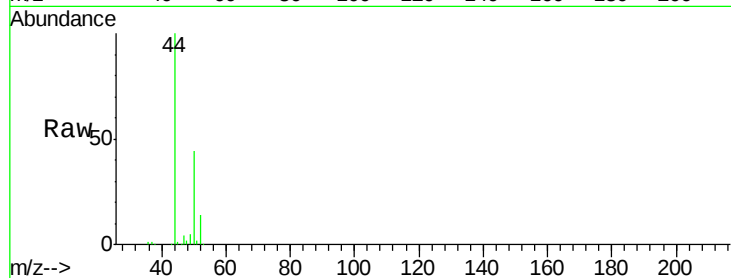
50 100

52 31.7 26.0 39.0

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#4

Vinyl Chloride

Concen: 55.118 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061279.D

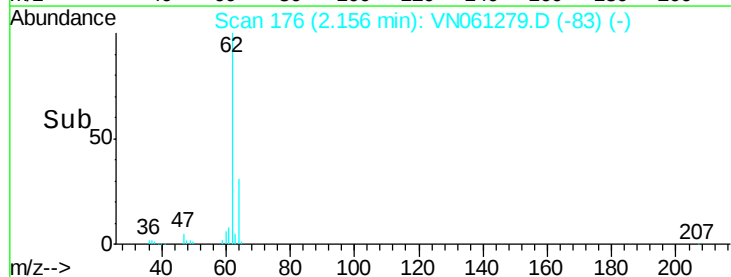
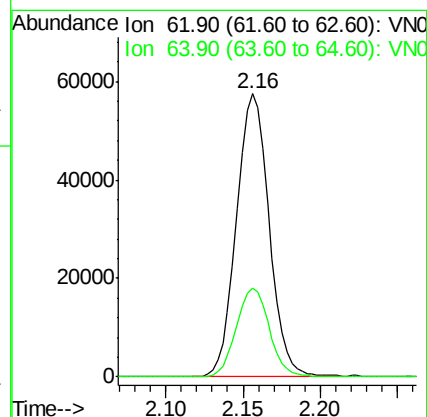
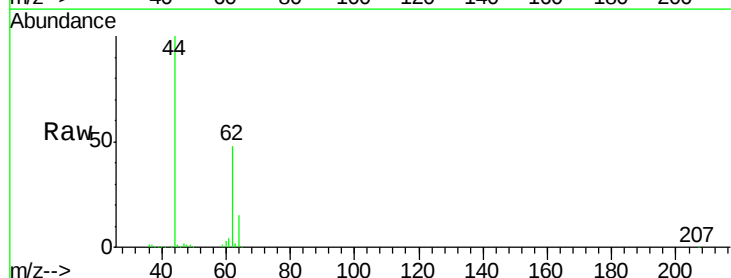
Acq: 4 May 2020 15:40

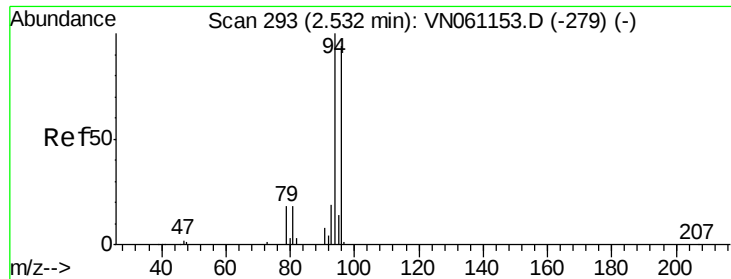
Tgt Ion: 62 Resp: 84386

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 45.823 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

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ClientSampleId :

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Tot Ion: 94 Resp: 34678

Ion Ratio Lower Upper

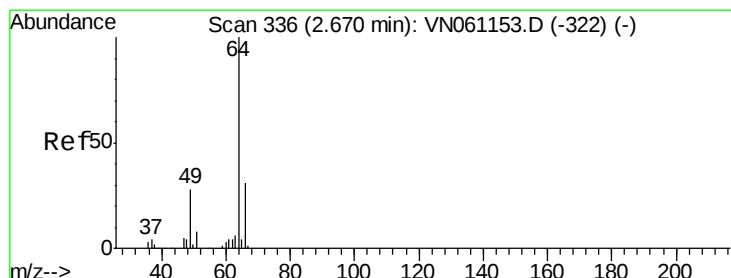
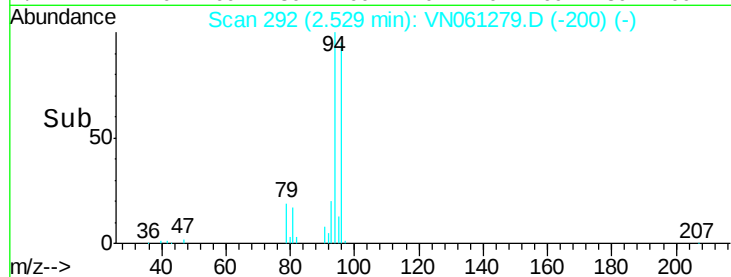
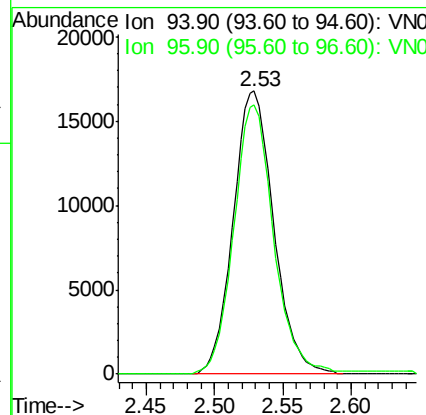
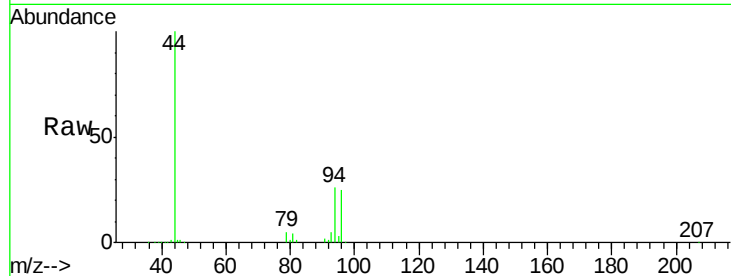
94 100

96 95.3 75.1 112.7

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#6

Chloroethane

Concen: 51.248 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061279.D

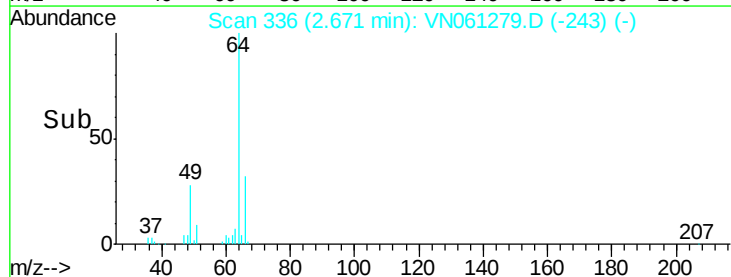
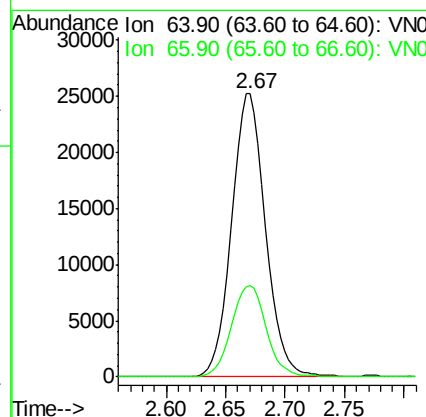
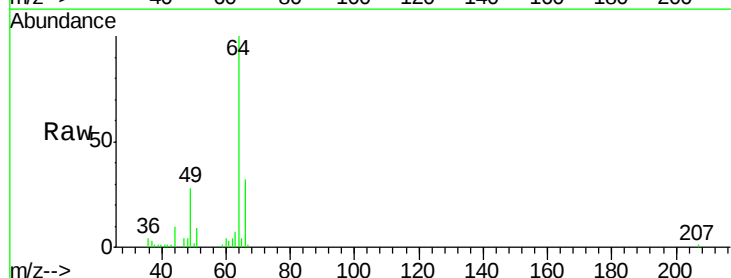
Acq: 4 May 2020 15:40

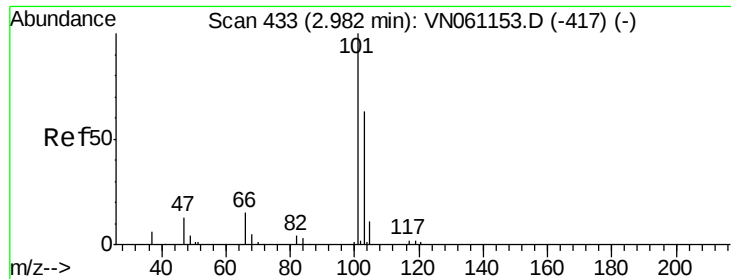
Tgt Ion: 64 Resp: 49731

Ion Ratio Lower Upper

64 100

66 32.3 24.6 36.8





#7

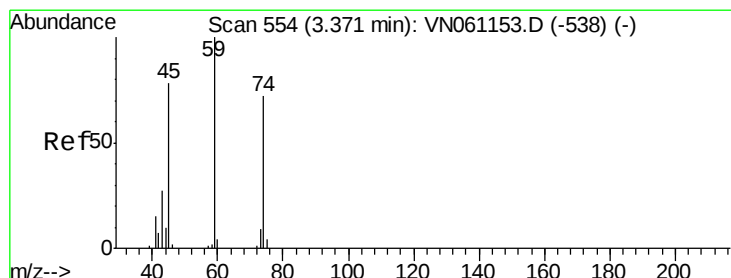
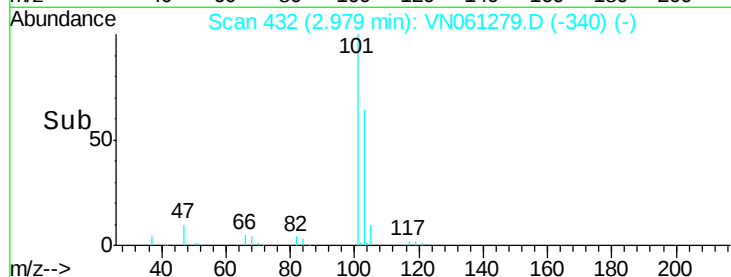
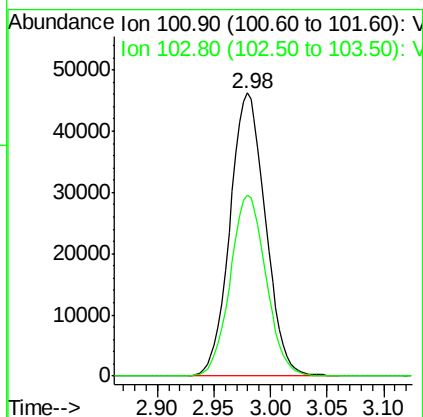
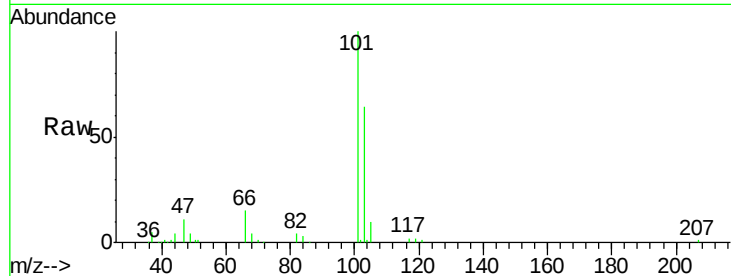
Trichlorofluoromethane
Concen: 58.505 ug/l
RT: 2.98 min Scan# 432
Delta R.T. -0.00 min
Lab File: VN061279.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	101056		
103	64.1	50.6	50.6	76.0

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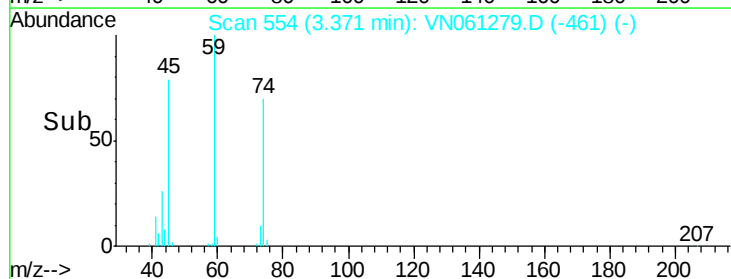
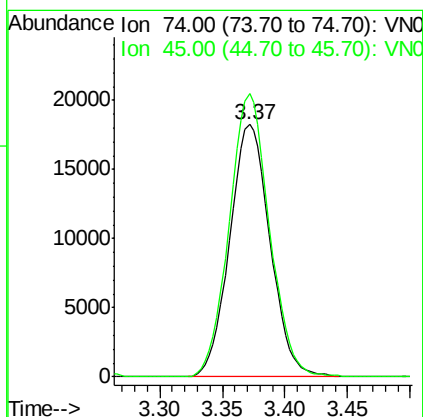
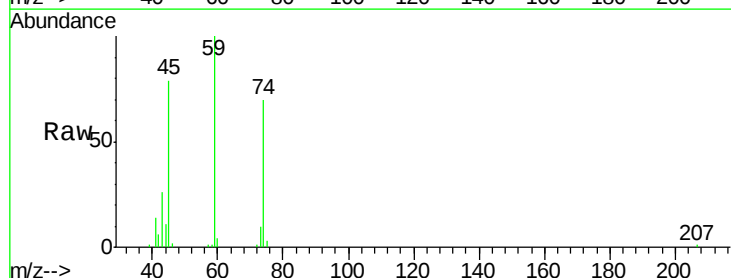
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5/5/2020 11:36:17 AM



#8

Diethyl Ether
Concen: 56.638 ug/l
RT: 3.37 min Scan# 554
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	40806		
45	111.9	53.3	53.3	160.0





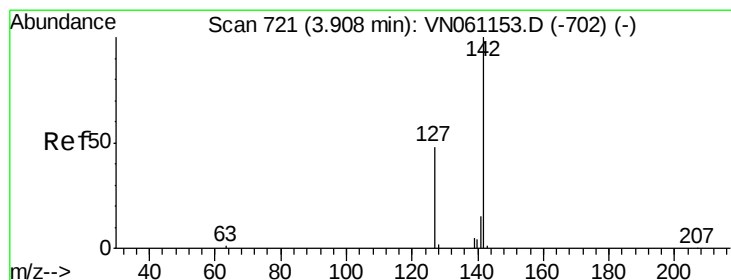
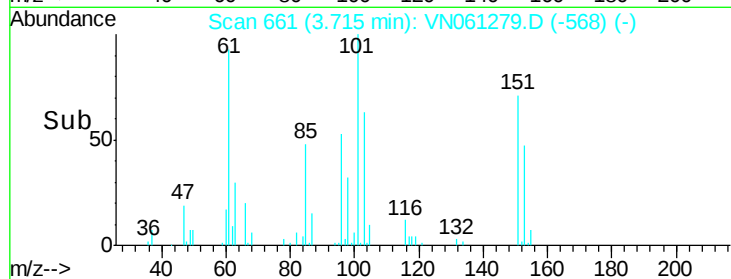
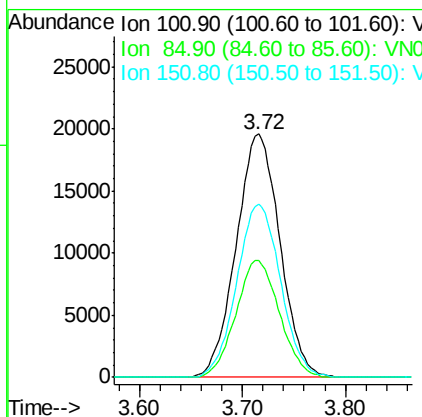
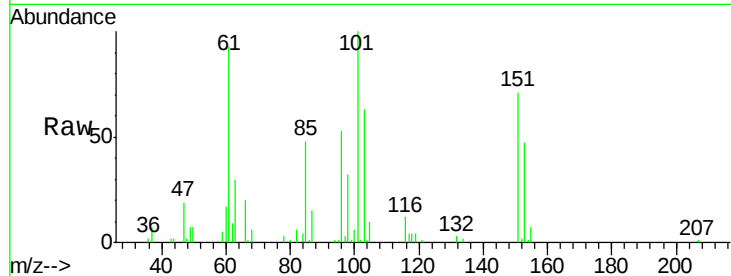
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.948 ug/l
 RT: 3.72 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: VN061279.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	57806		
85	47.8		37.2	55.8
151	71.2		57.7	86.5

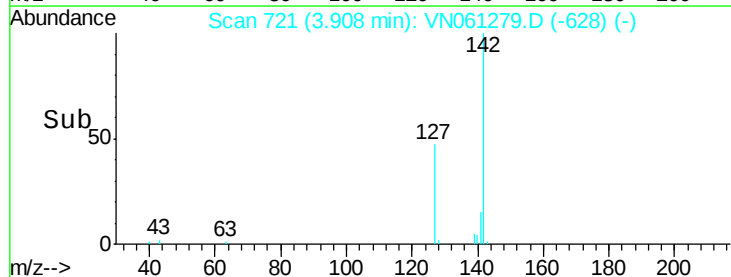
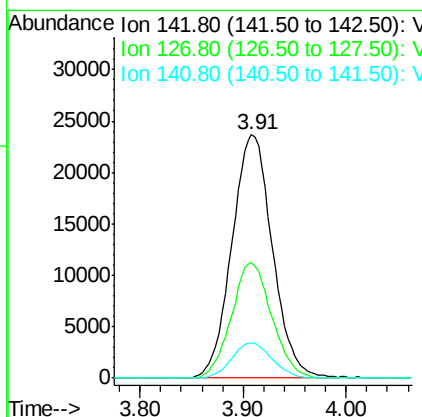
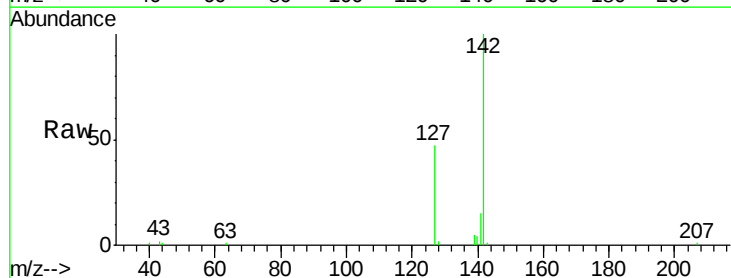
Manual Integrations
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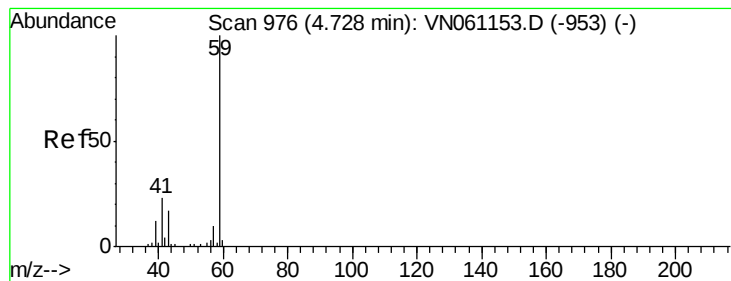
MMDadoda
 5/5/2020 11:36:17 AM



#10
 Methyl Iodide
 Concen: 45.223 ug/l
 RT: 3.91 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	64672		
127	47.1		38.0	57.0
141	14.3		11.7	17.5





#11

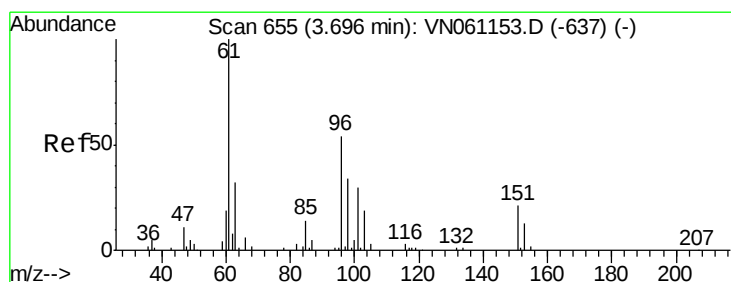
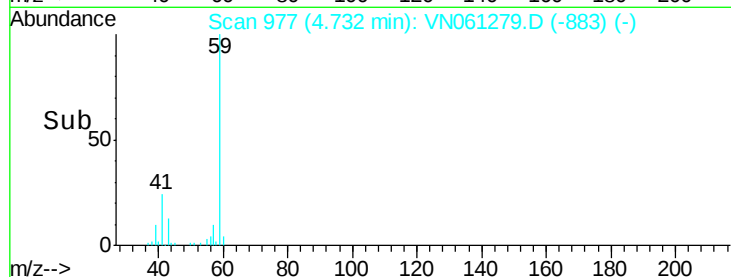
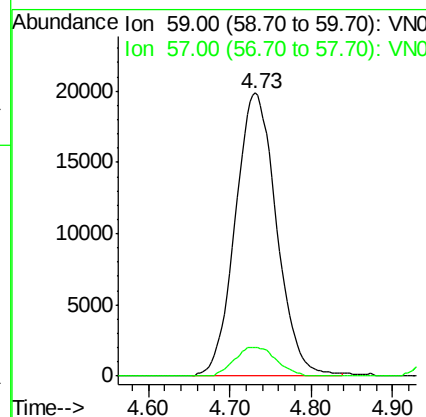
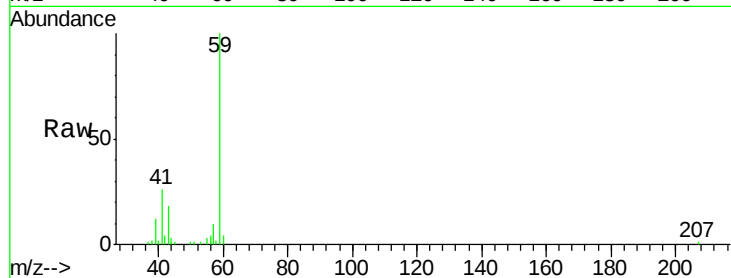
Tert butyl alcohol
Concen: 313.559 ug/l
RT: 4.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

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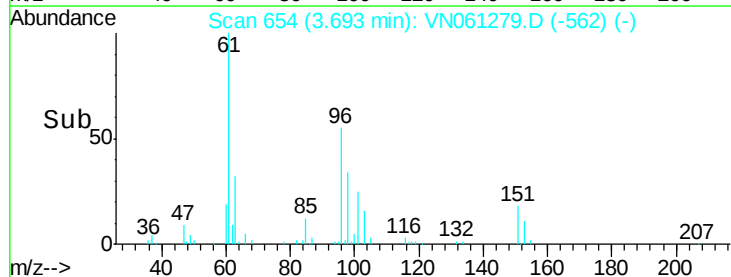
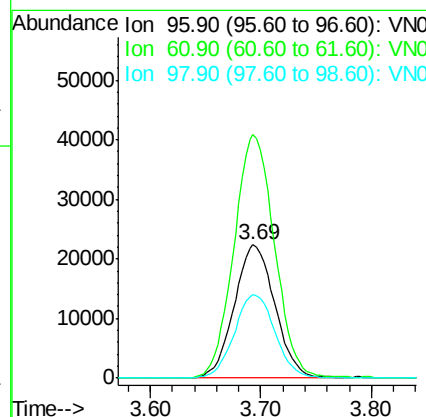
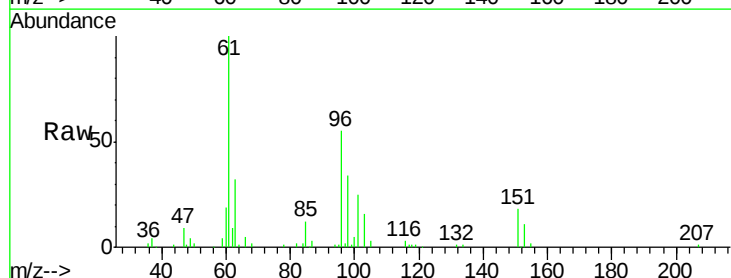
MMDadoda
5/5/2020 11:36:17 AM

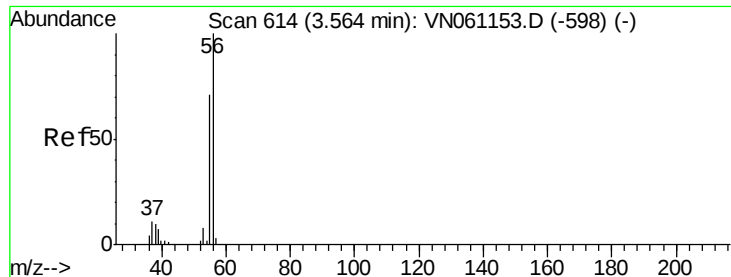


#12

1,1-Dichloroethene
Concen: 51.507 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.3	147.0	220.6
98	62.4	49.8	74.6





#13

Acrolein

Concen: 302.263 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MSD

Tot Ion: 56 Resp: 44811

Ion Ratio Lower Upper

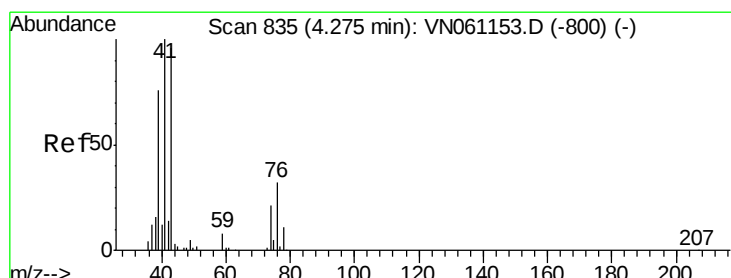
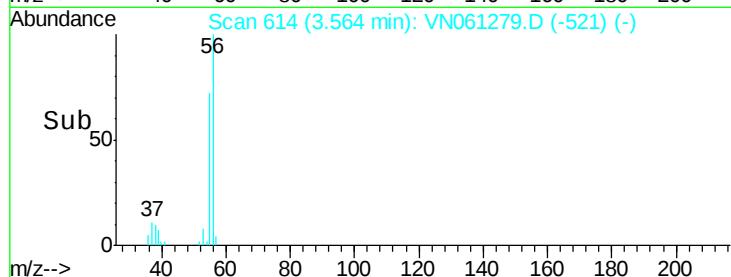
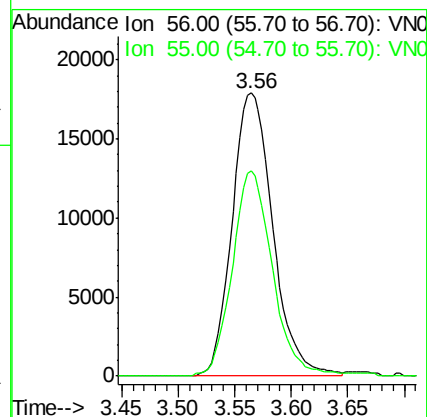
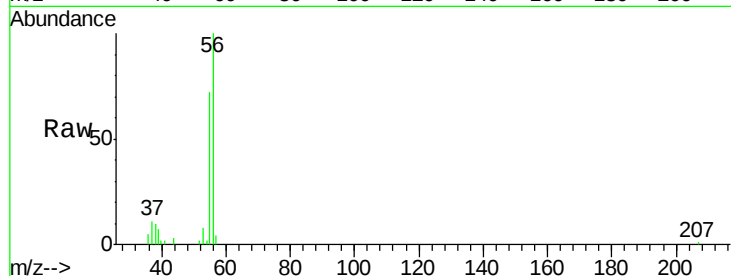
56 100

55 71.3 58.5 87.7

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#14

Allyl chloride

Concen: 60.026 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

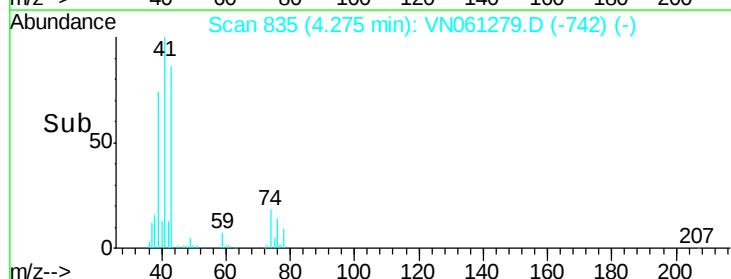
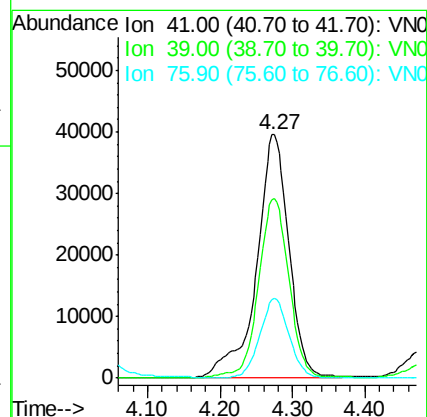
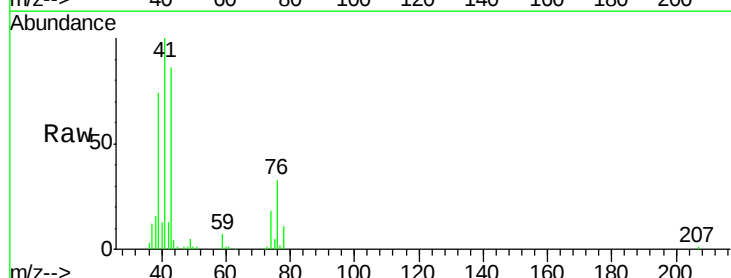
Tgt Ion: 41 Resp: 123248

Ion Ratio Lower Upper

41 100

39 69.4 57.1 85.7

76 29.3 24.3 36.5





#15

Acrylonitrile

Concen: 281.274 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

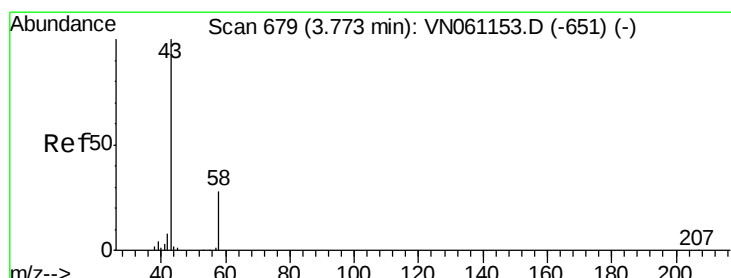
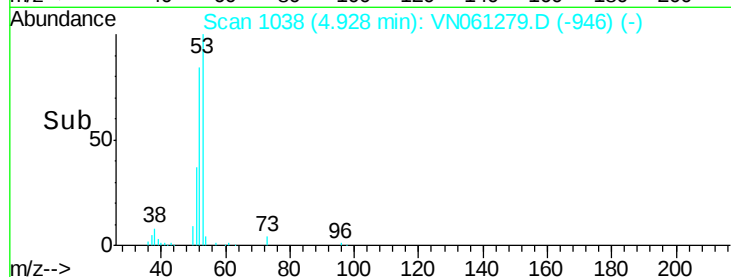
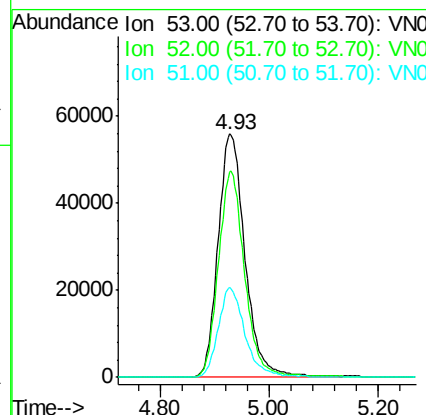
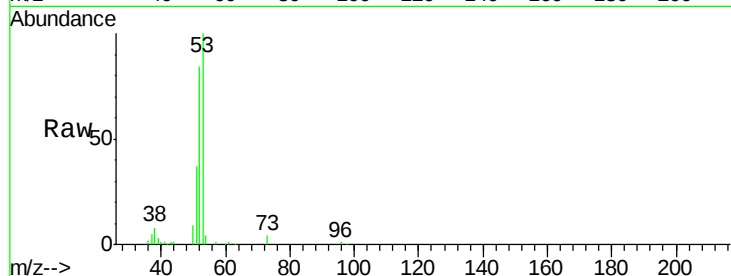
ClientSampleId :

SS040MW015-200428MSD

Tot Ion:	53	Resp:	192085
Ion Ratio		Lower	Upper
53	100		
52	81.4	65.4	98.0
51	36.5	29.5	44.3

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#16

Acetone

Concen: 257.881 ug/l

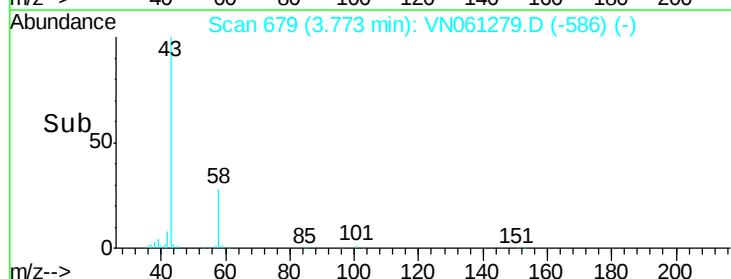
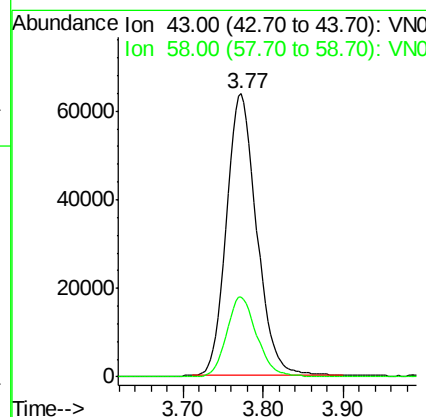
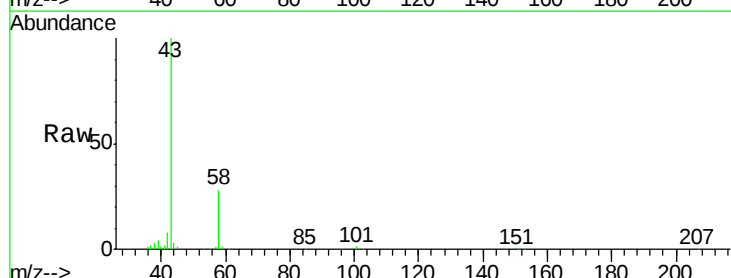
RT: 3.77 min Scan# 679

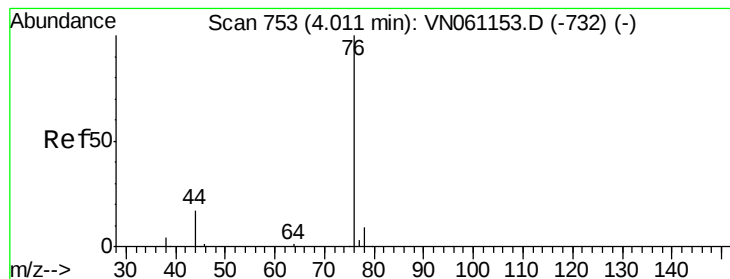
Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Tgt Ion:	43	Resp:	165519
Ion Ratio		Lower	Upper
43	100		
58	28.4	22.2	33.2





#17

Carbon Disulfide

Concen: 43.620 ug/l

RT: 4.01 min Scan# 753

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MSD

Tot Ion: 76 Resp: 133431

Ion Ratio Lower Upper

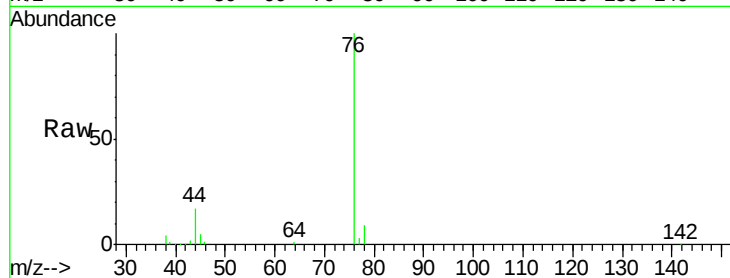
76 100

78 9.2 7.2 10.8

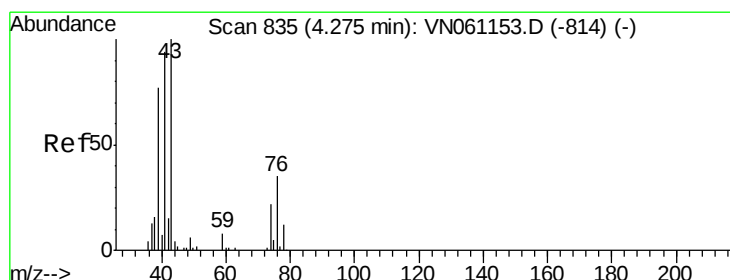
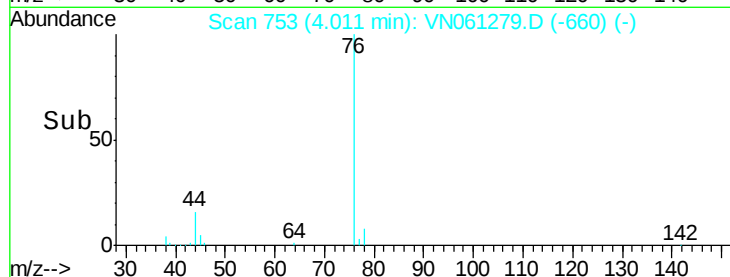
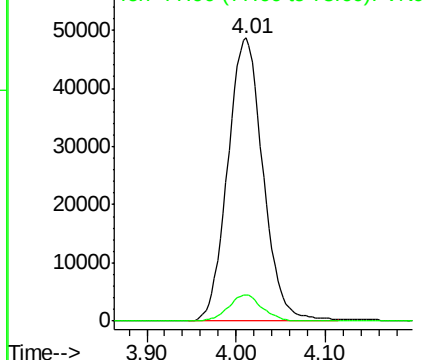
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Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 46.998 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061279.D

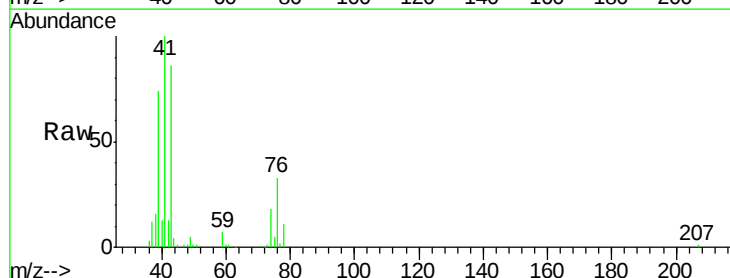
Acq: 4 May 2020 15:40

Tgt Ion: 43 Resp: 98437

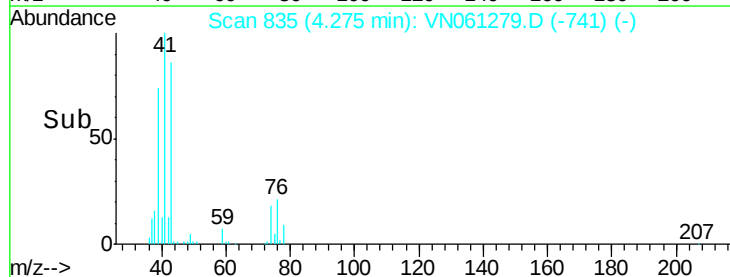
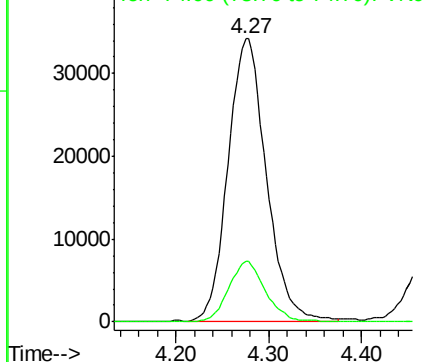
Ion Ratio Lower Upper

43 100

74 20.5 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO





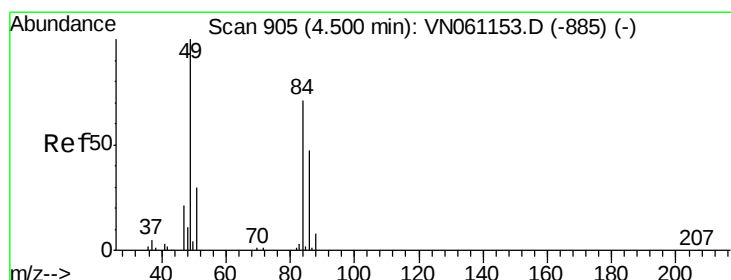
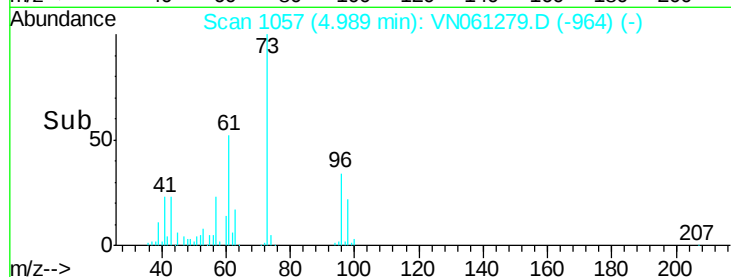
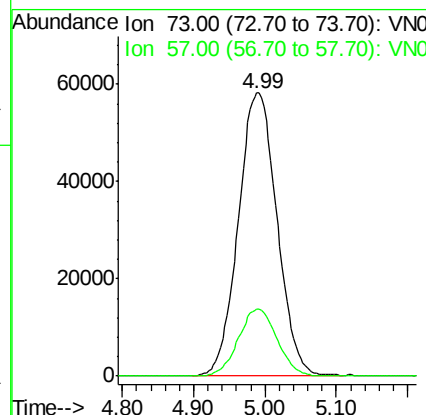
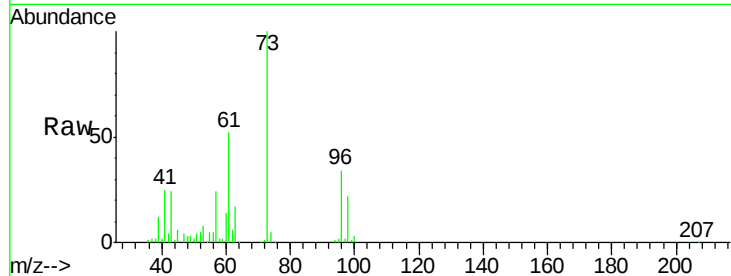
#19
Methyl tert-butyl Ether
Concen: 51.971 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion: 73 Resp: 219906
Ion Ratio Lower Upper
73 100
57 23.8 18.3 27.5

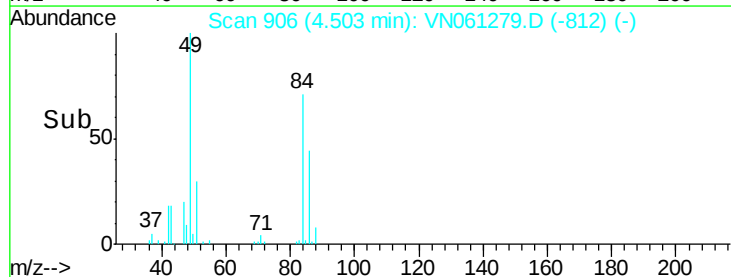
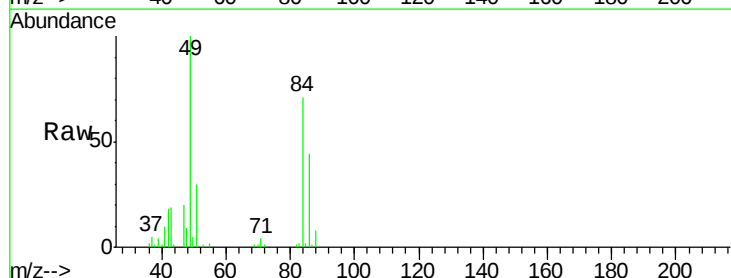
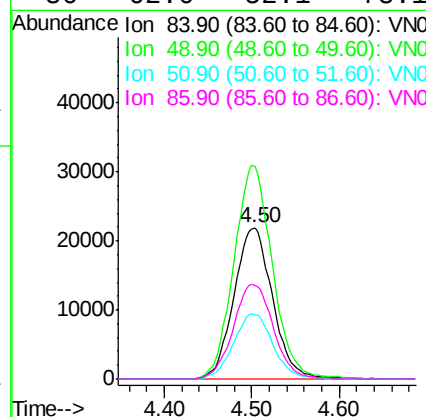
Manual Integrations
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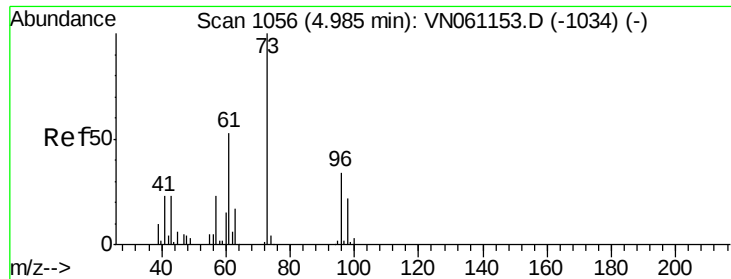
MMDadoda
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#20
Methylene Chloride
Concen: 51.668 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 84 Resp: 66908
Ion Ratio Lower Upper
84 100
49 140.8 112.0 168.0
51 42.7 33.6 50.4
86 62.0 52.1 78.1





#21

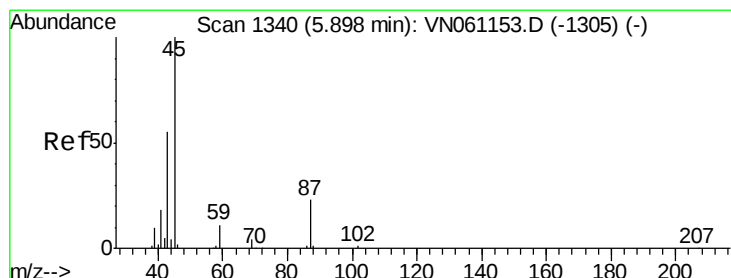
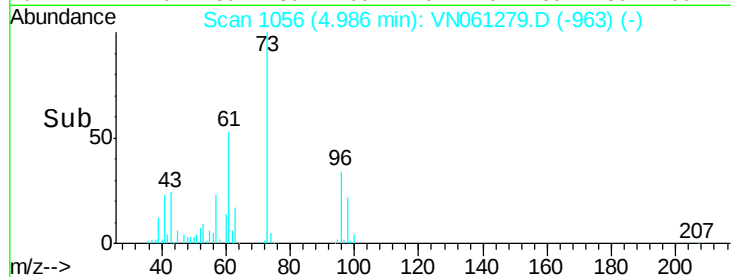
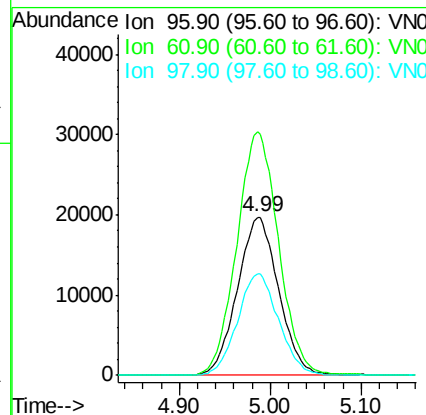
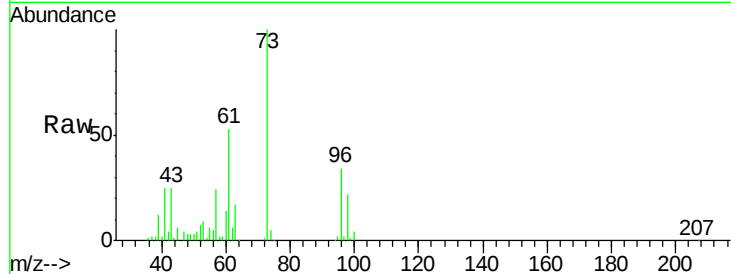
trans-1,2-Dichloroethene
Concen: 51.505 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.8	123.0	184.4
98	64.3	50.1	75.1

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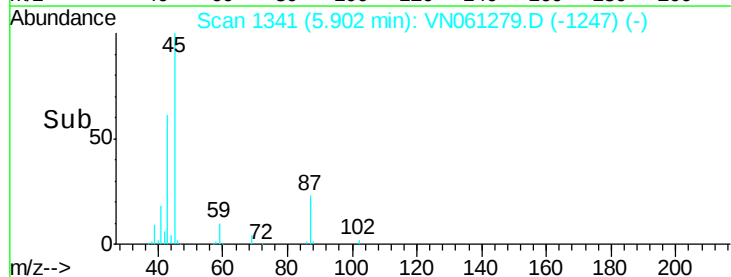
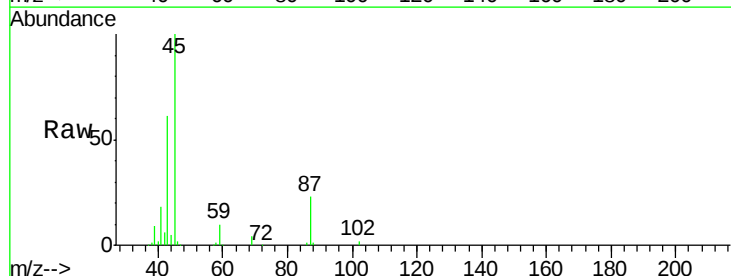
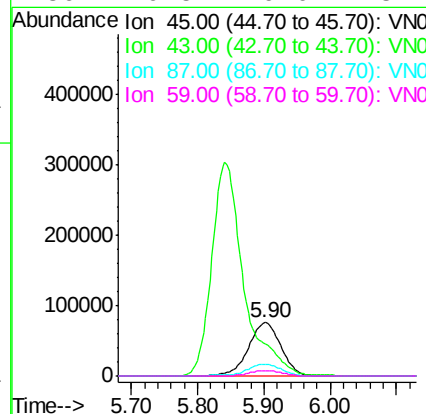
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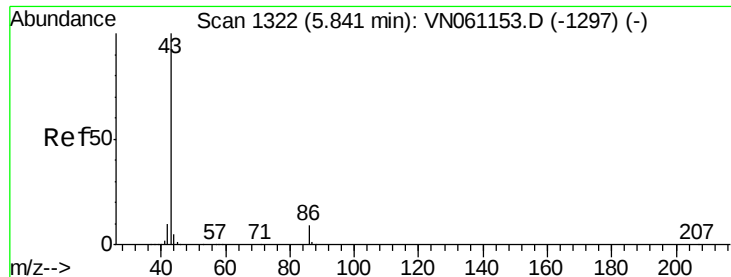


#22

Diisopropyl ether
Concen: 54.223 ug/l
RT: 5.90 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.0	47.9	71.9
87	22.9	19.2	28.8
59	10.5	9.0	13.4





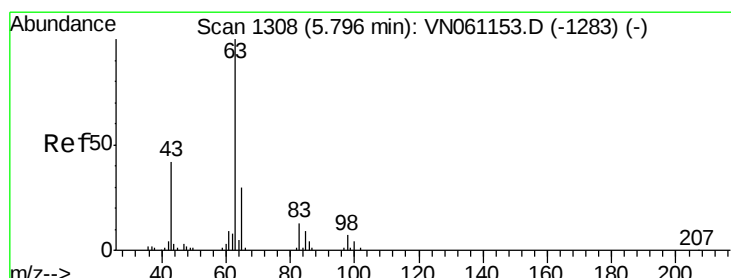
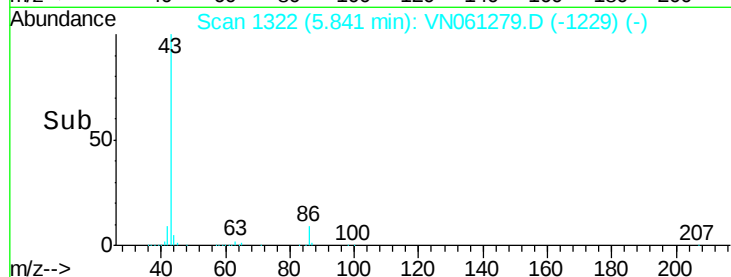
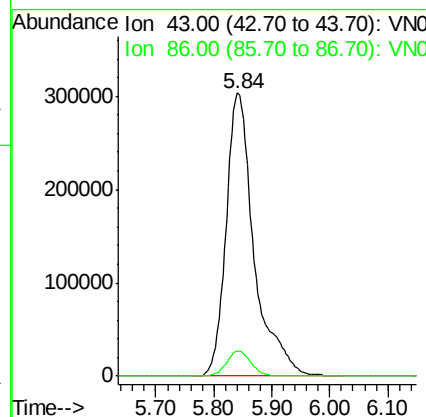
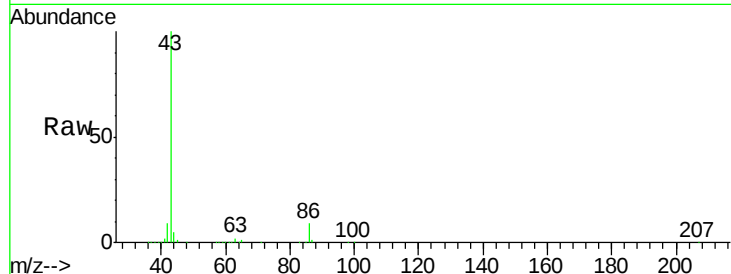
#23
 Vinyl Acetate
 Concen: 265.973 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MSD

Tot Ion: 43 Resp: 1019663
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.2 10.8

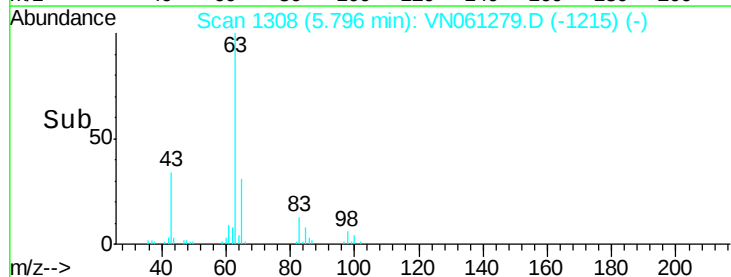
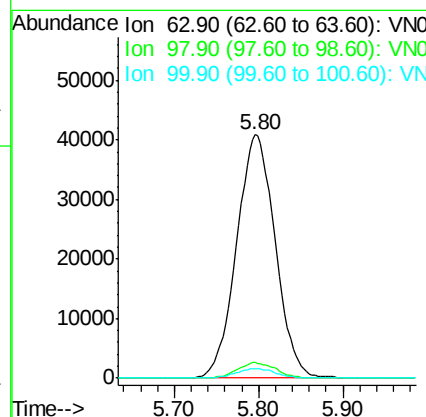
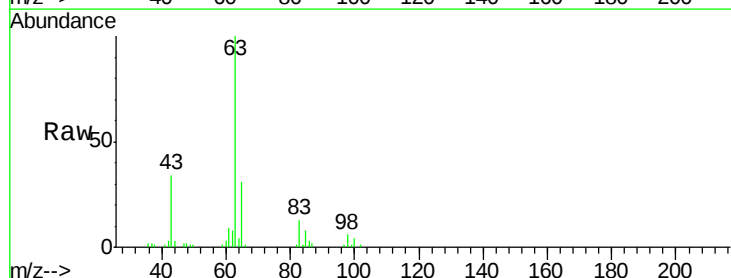
Manual Integrations
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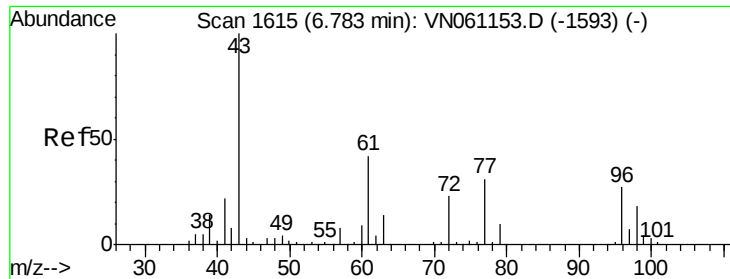
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 52.287 ug/l
 RT: 5.80 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion: 63 Resp: 130074
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.8 1.9 5.7





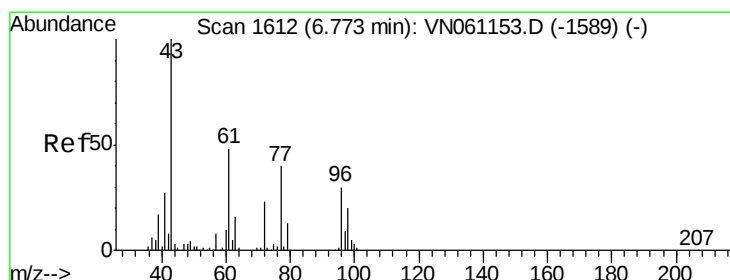
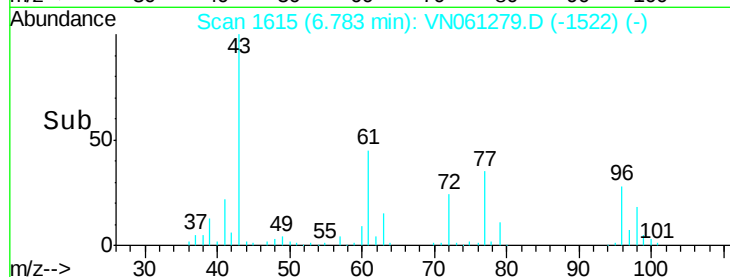
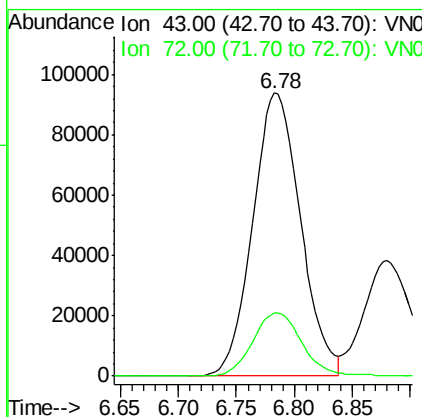
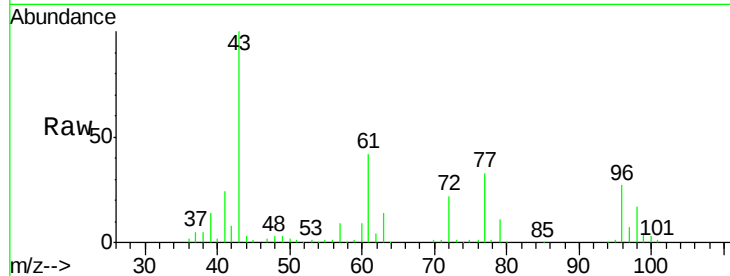
#25
2-Butanone
Concen: 274.194 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion: 43 Resp: 269449
Ion Ratio Lower Upper
43 100
72 22.2 18.2 27.4

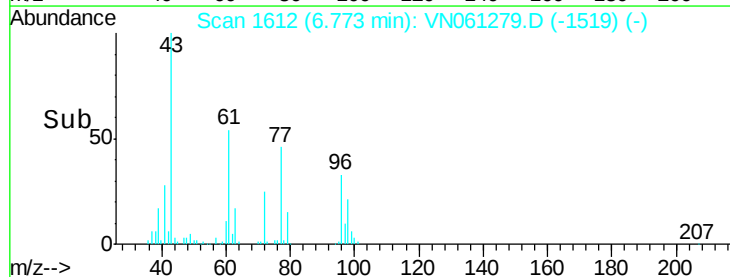
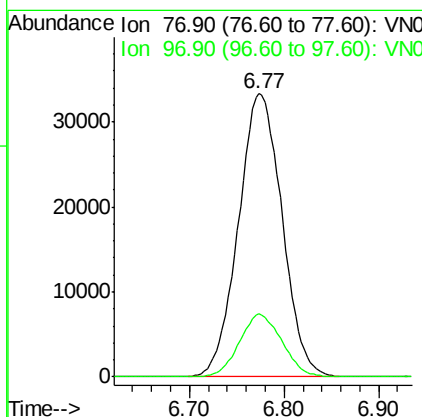
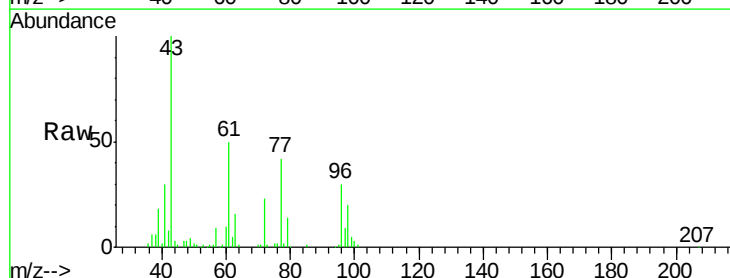
Manual Integrations
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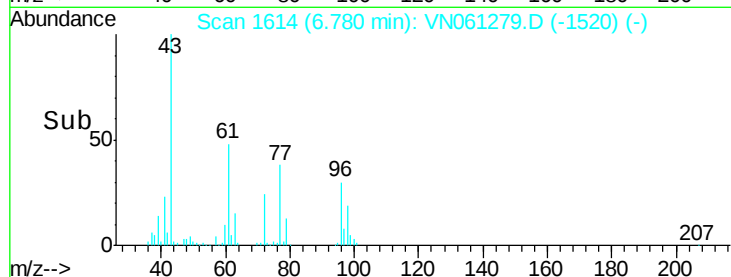
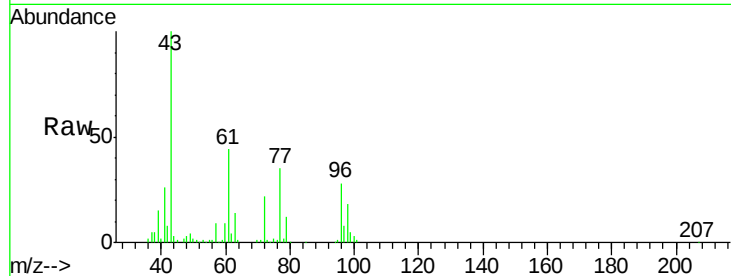
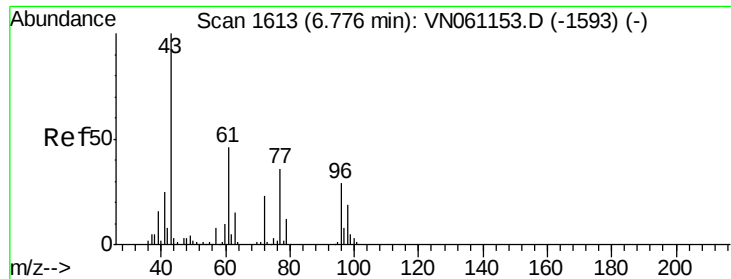
MMDadoda
5/5/2020 11:36:17 AM



#26
2,2-Dichloropropane
Concen: 50.993 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 77 Resp: 106848
Ion Ratio Lower Upper
77 100
97 21.5 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 52.119 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061279.D

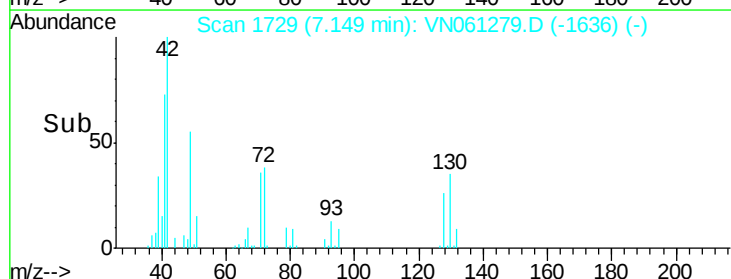
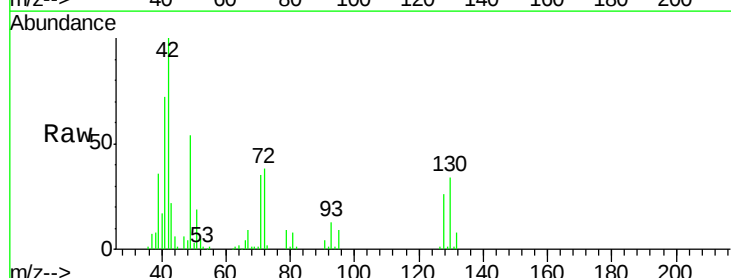
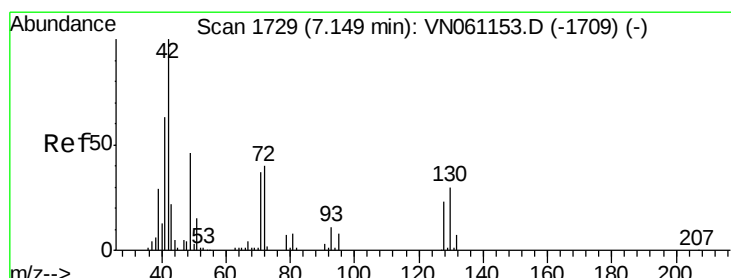
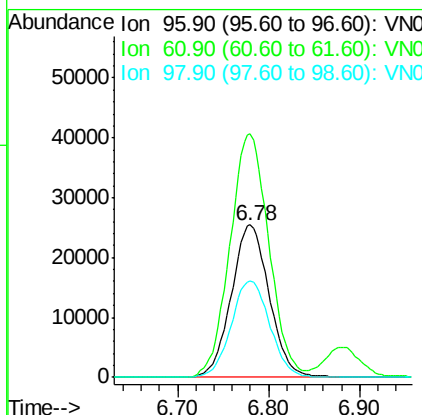
Acq: 4 May 2020 15:40

Tot Ion	Ratio	Resp	Lower	Upper
96	100	73750		
61	163.4		0.0	322.0
98	64.2		0.0	129.6

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Manual Integrations
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#28

Bromochloromethane

Concen: 54.544 ug/l

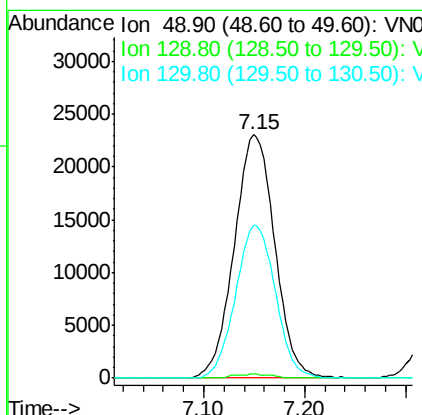
RT: 7.15 min Scan# 1729

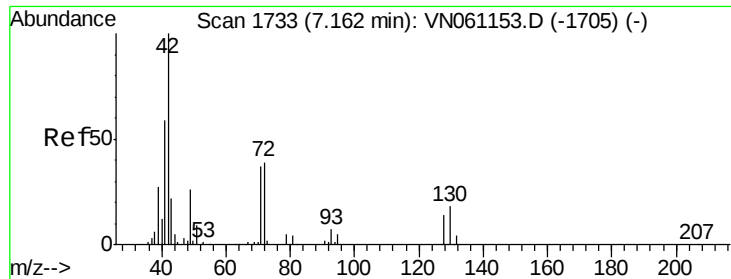
Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	64313		
129	1.5		0.0	3.0
130	61.4		51.4	77.2





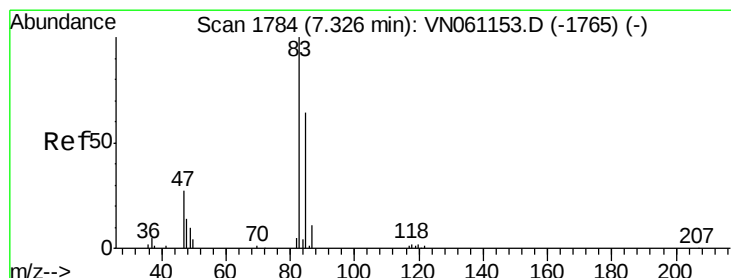
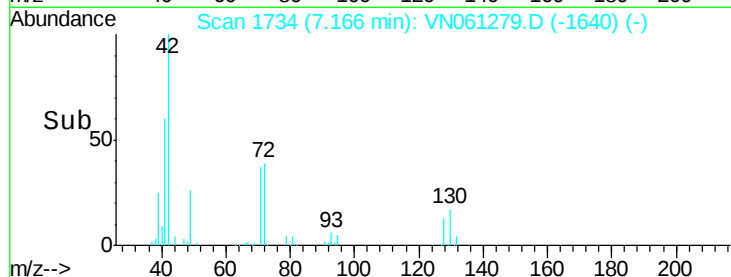
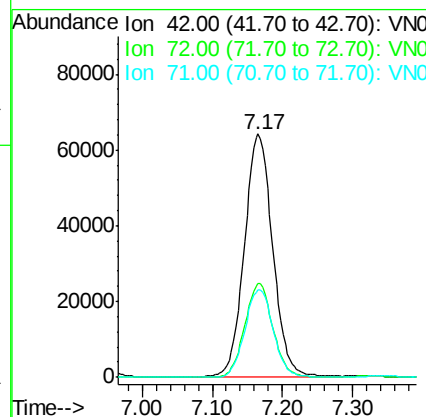
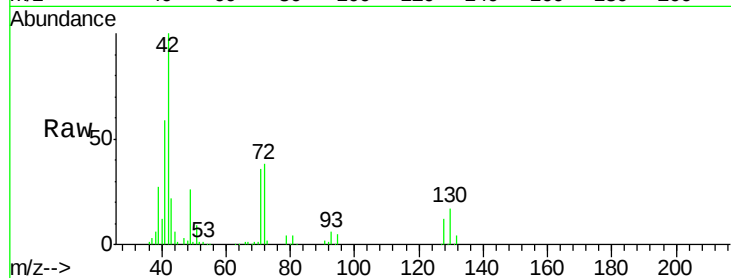
#29
Tetrahydrofuran
Concen: 273.055 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion	Ratio	Resp	Lower	Upper
42	100	180753		
72	37.9		31.4	47.0
71	36.0		29.5	44.3

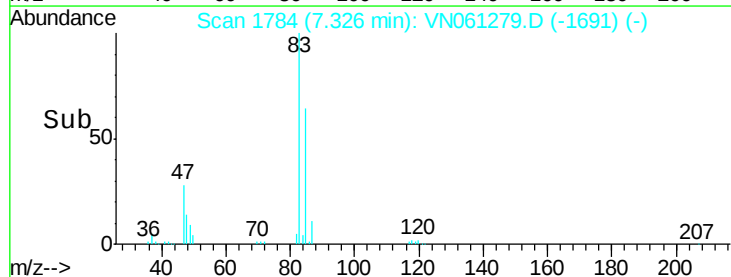
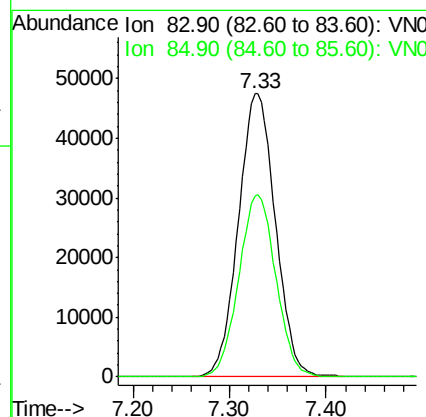
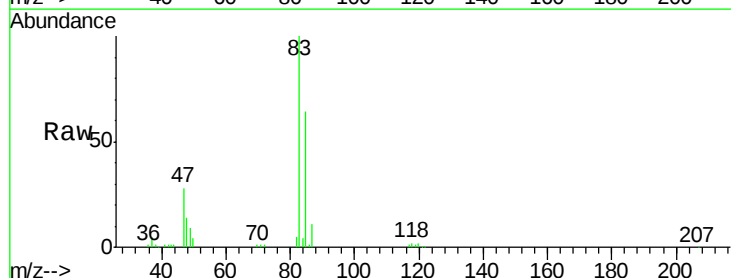
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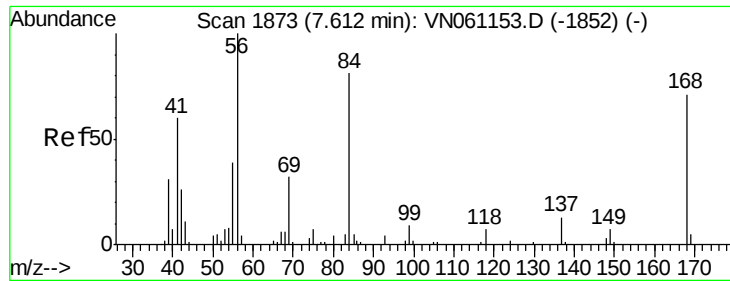
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#30
Chloroform
Concen: 50.099 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	126300		
85	64.0		51.1	76.7





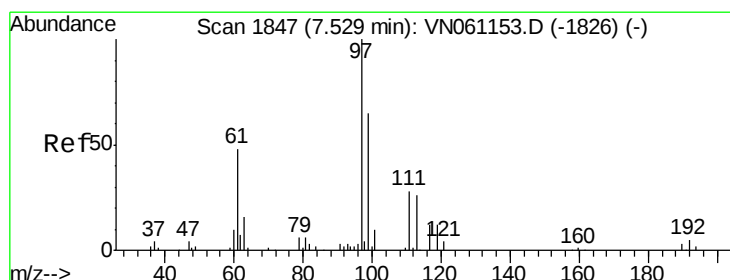
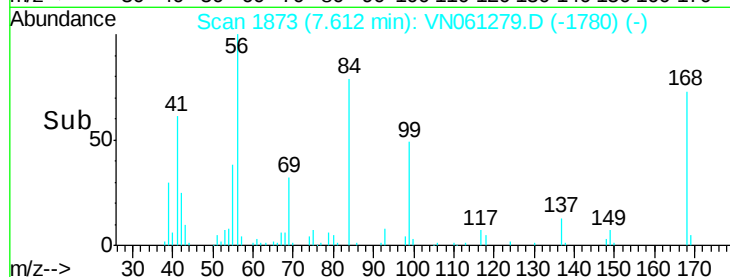
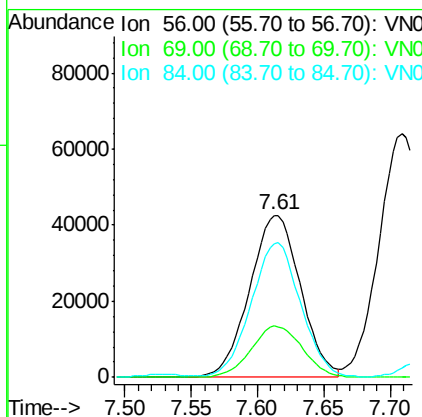
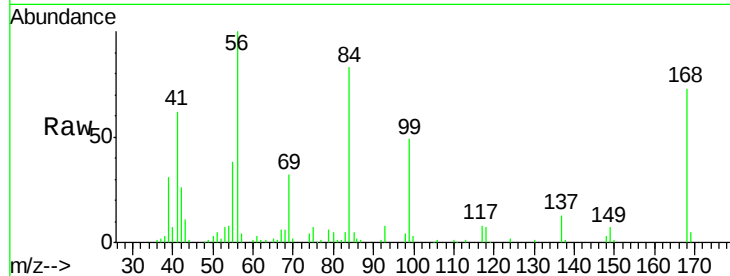
#31
Cyclohexane
Concen: 47.215 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.7	38.5
84	81.5	64.6	97.0

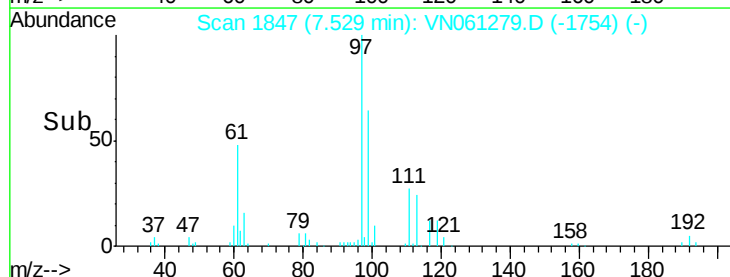
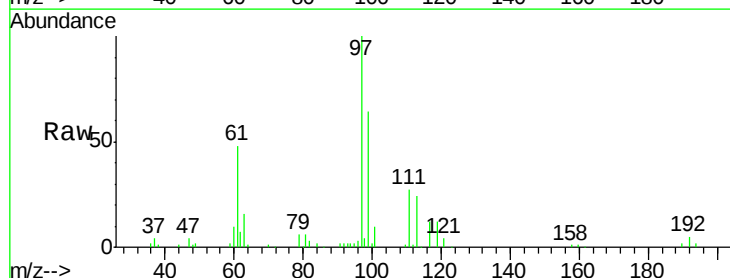
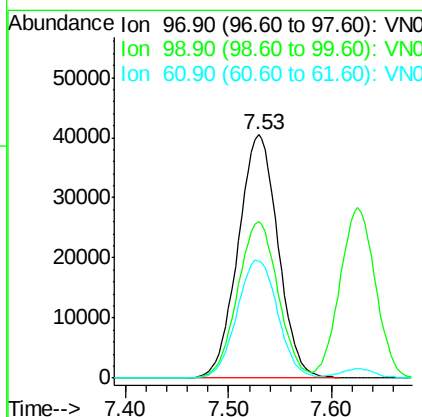
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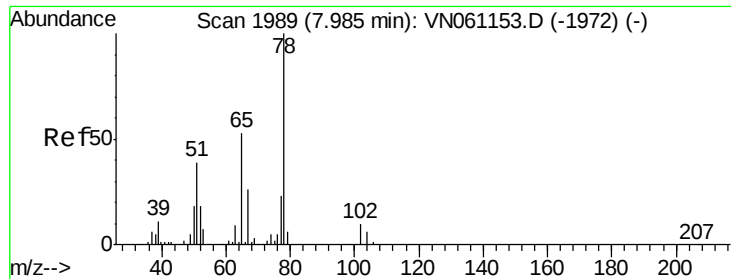
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#32
1,1,1-Trichloroethane
Concen: 49.568 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.3	76.9
61	49.5	38.6	57.8





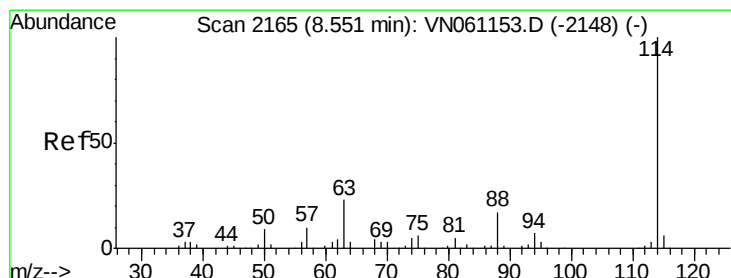
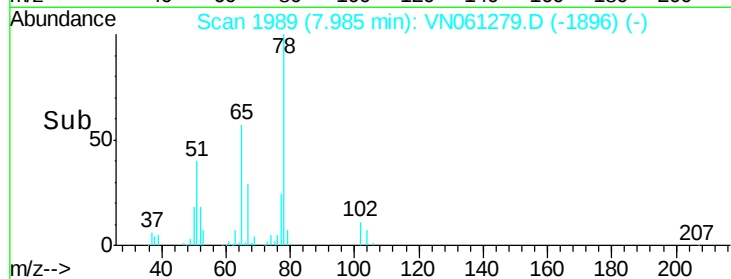
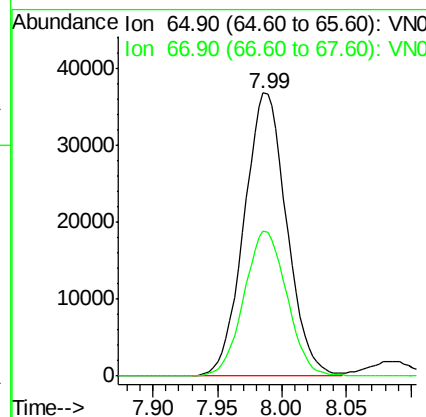
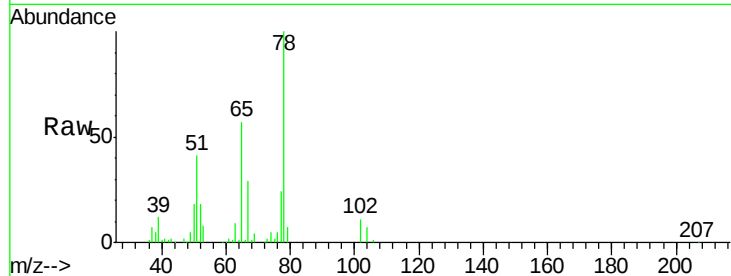
#33
 1,2-Dichloroethane-d4
 Concen: 51.133 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.6

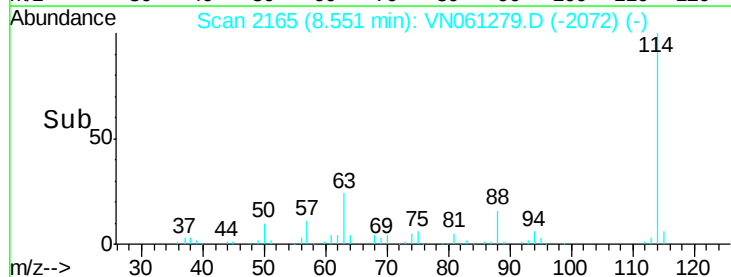
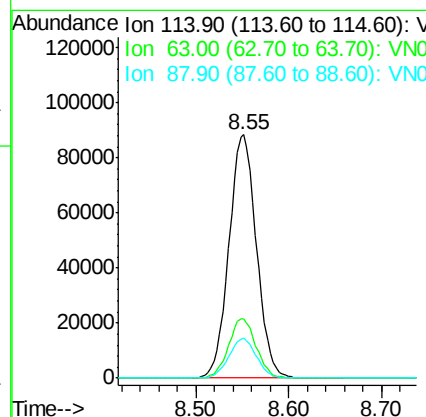
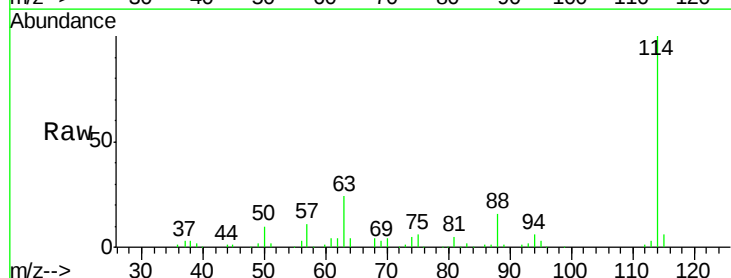
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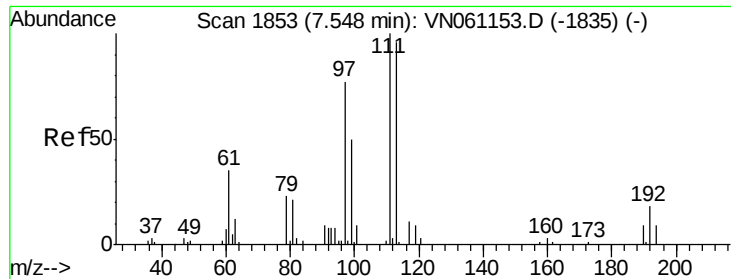
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	46.6
88	16.4	0.0	33.4





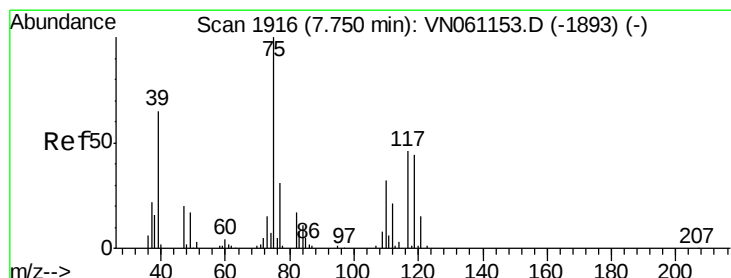
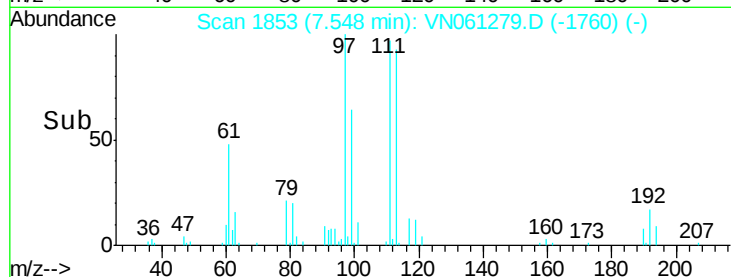
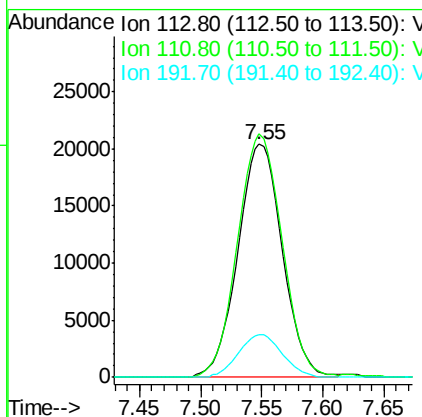
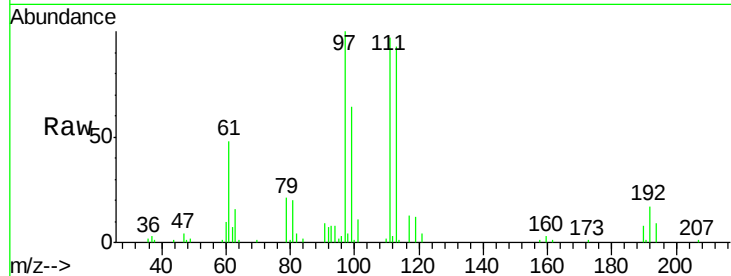
#35
 Dibromofluoromethane
 Concen: 47.733 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.9	124.3
192	18.1	14.7	22.1

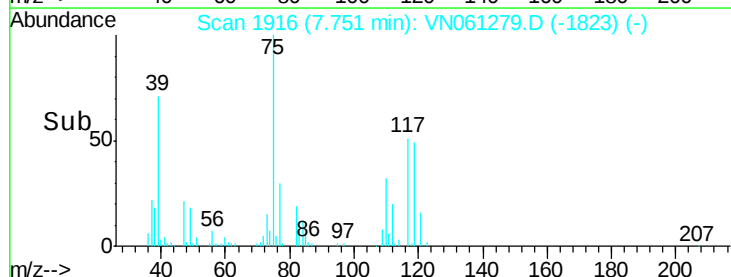
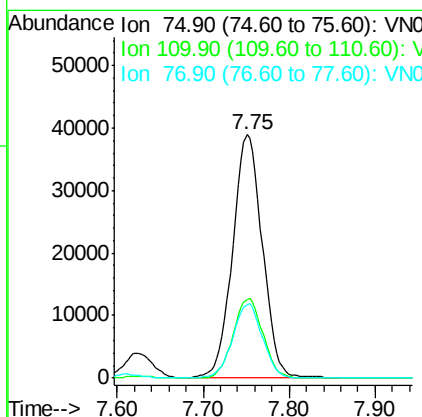
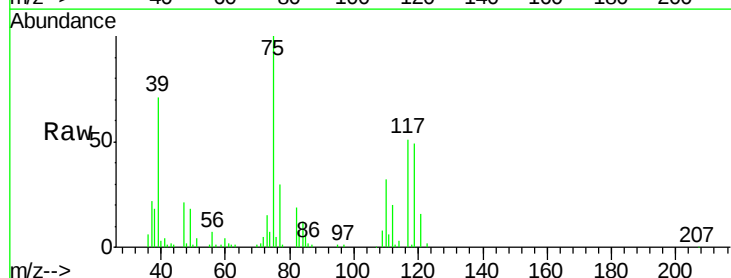
Manual Integrations
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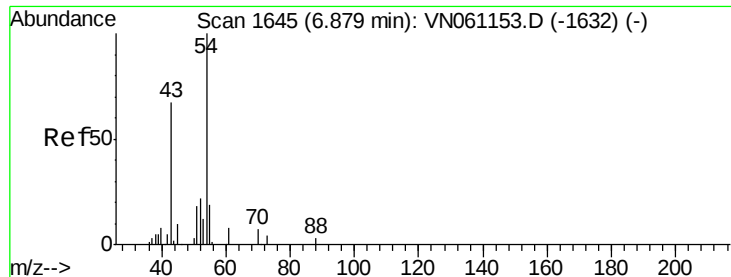
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#36
 1,1-Dichloropropene
 Concen: 51.453 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.0	48.0
77	30.6	24.6	37.0





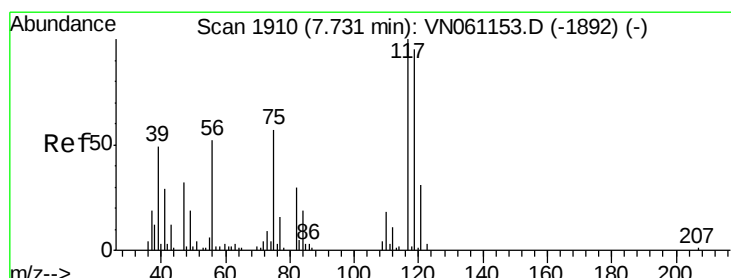
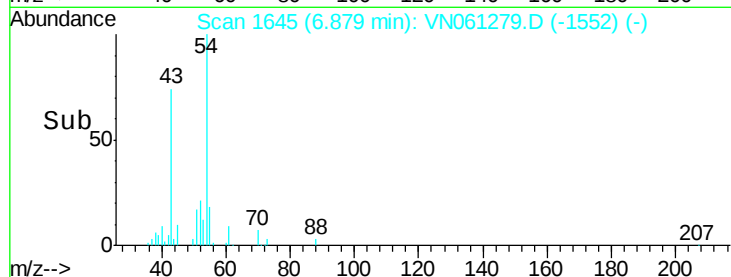
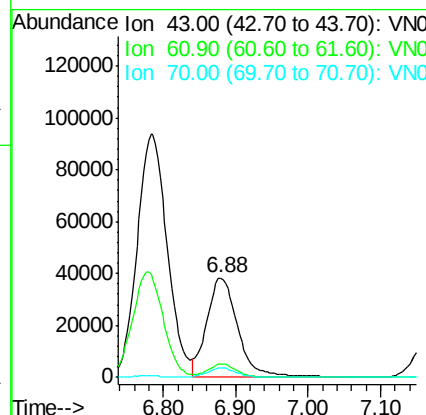
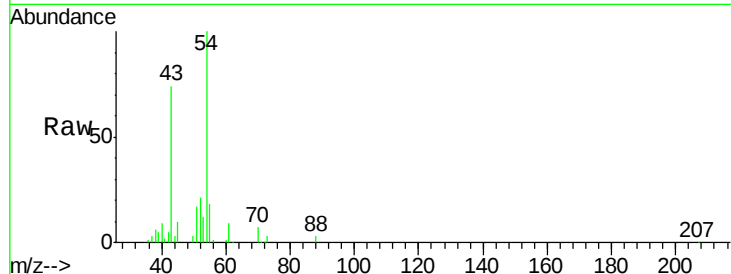
#37
Ethyl Acetate
Concen: 52.694 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	10.2	15.2
70	8.6	7.2	10.8

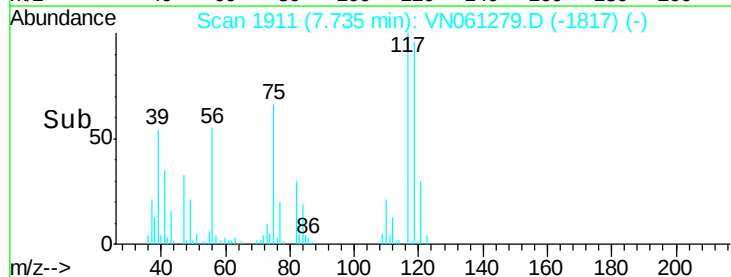
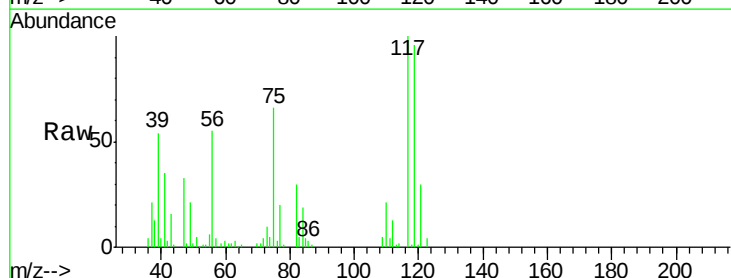
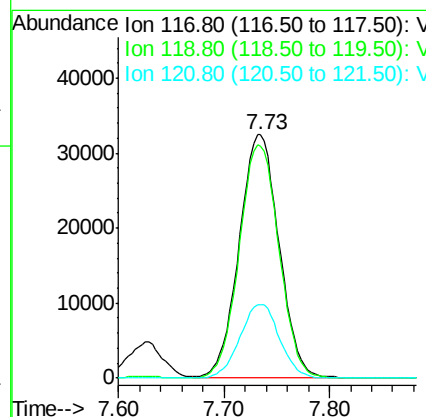
Manual Integrations
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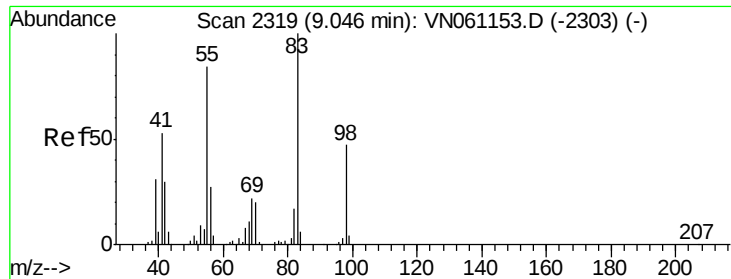
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#38
Carbon Tetrachloride
Concen: 51.281 ug/l
RT: 7.73 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.6
121	30.3	24.7	37.1





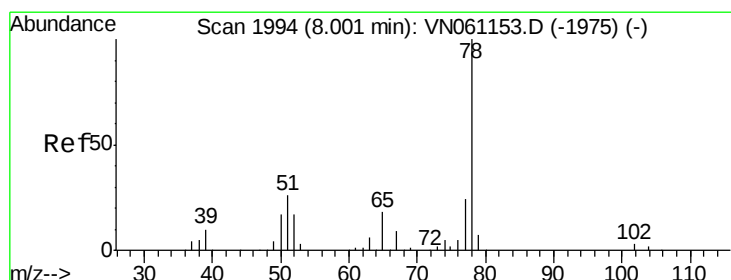
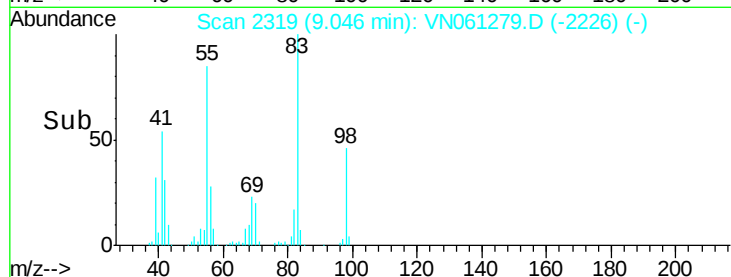
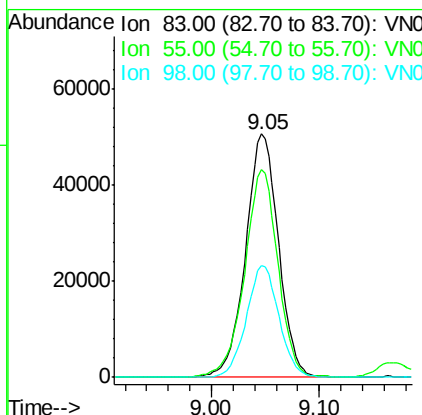
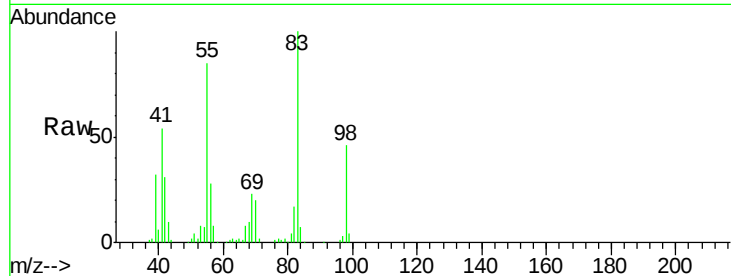
#39
Methvlcvclohexane
Concen: 52.397 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.5	67.3	100.9
98	45.9	37.7	56.5

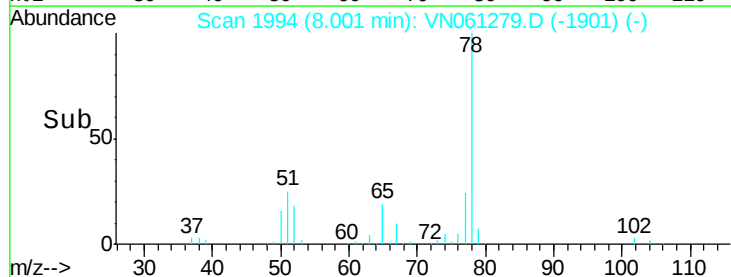
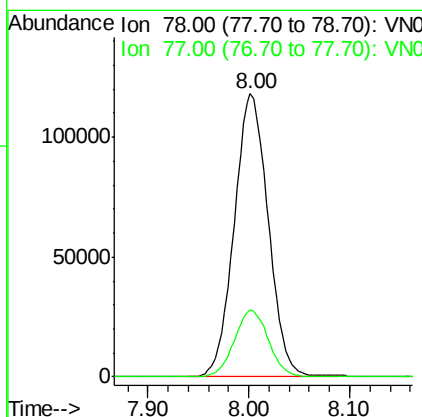
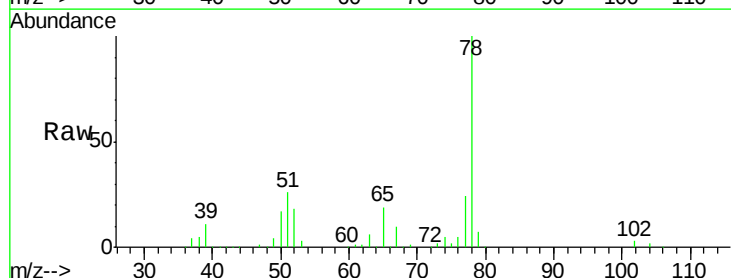
Manual Integrations
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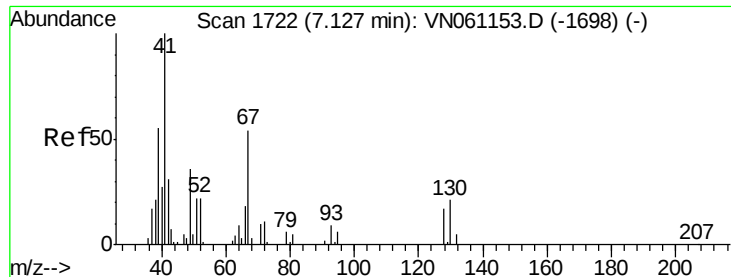
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#40
Benzene
Concen: 50.919 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





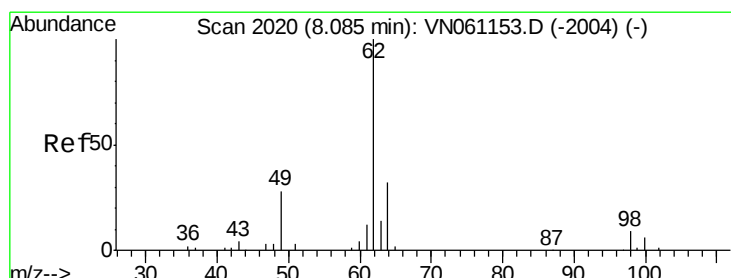
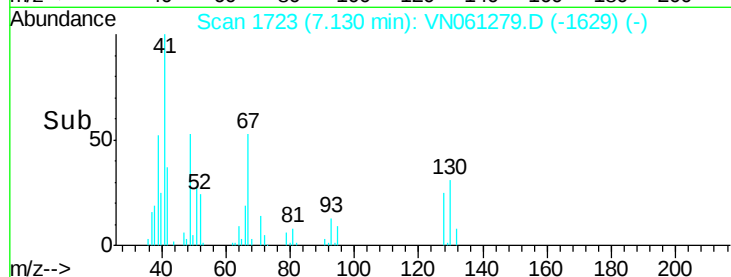
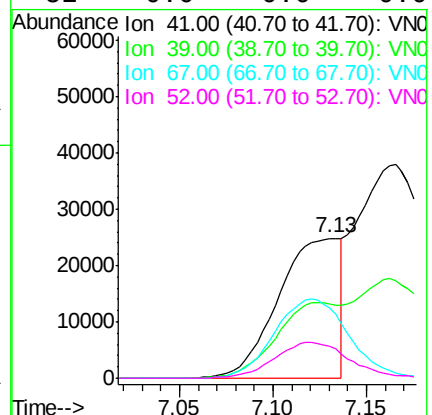
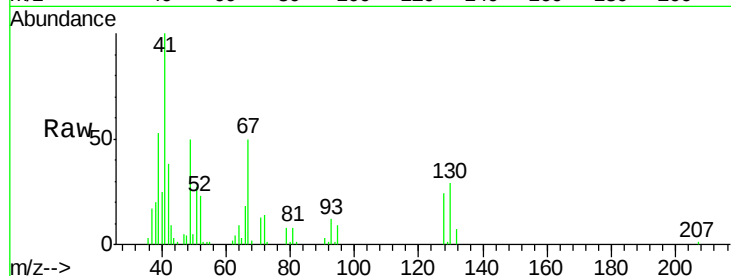
#41
Methacrylonitrile
Concen: 65.174 ug/l m
RT: 7.13 min Scan# 1723
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion	Ratio	Resp	Lower	Upper
41	100	57811		
39	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

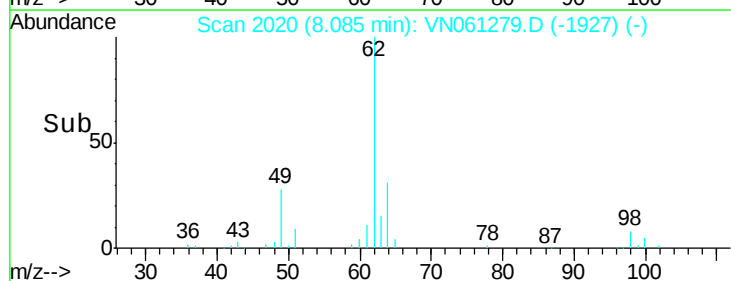
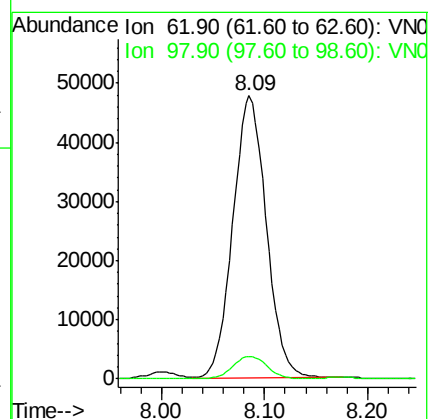
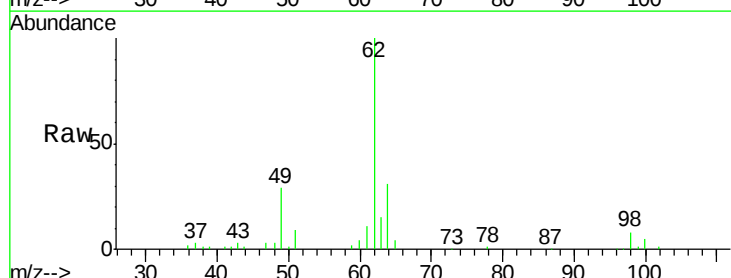
Manual Integrations
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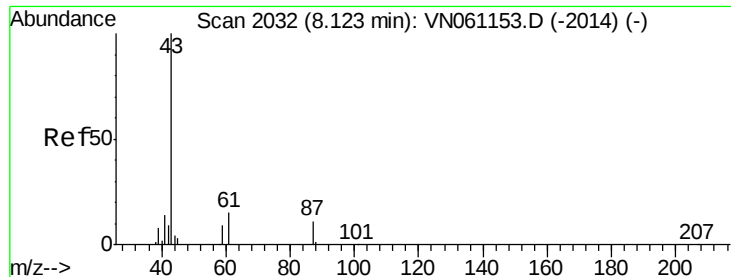
MMDadoda
5/5/2020 11:36:17 AM



#42
1,2-Dichloroethane
Concen: 52.560 ug/l
RT: 8.09 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	108104		
98	8.1	0.0	16.8	





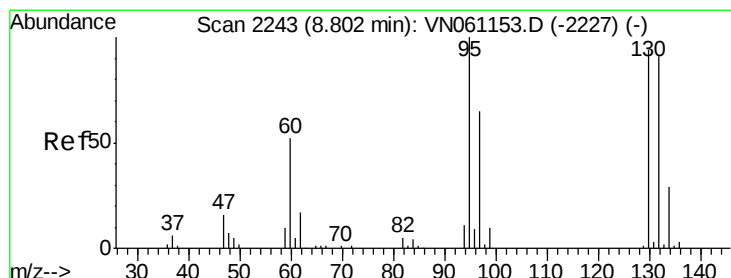
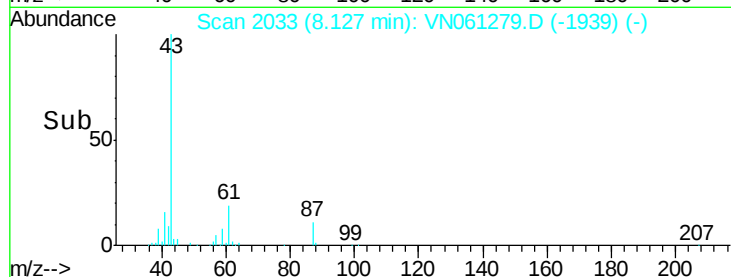
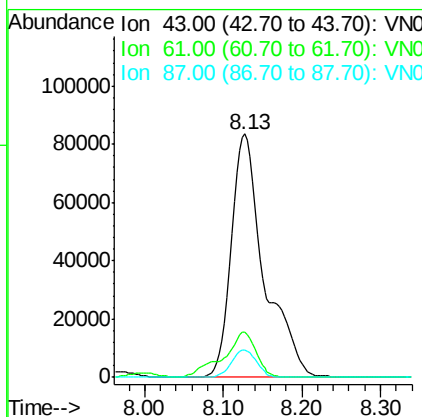
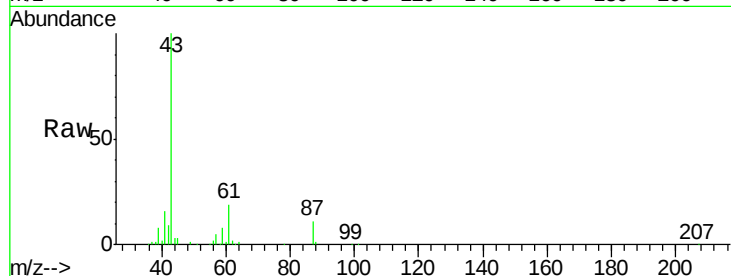
#43
Isopropyl Acetate
Concen: 68.540 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion	Ratio	Resp	Lower	Upper
43	100	243016		
61	18.5		19.5	29.3#
87	8.5		8.9	13.3#

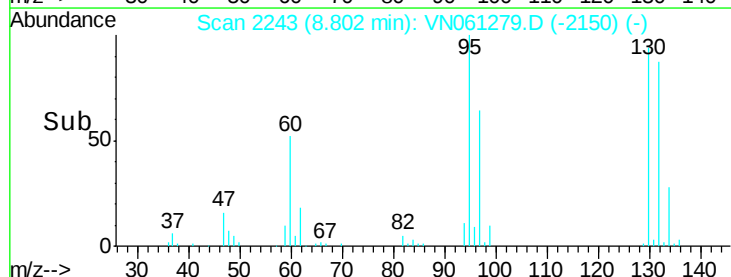
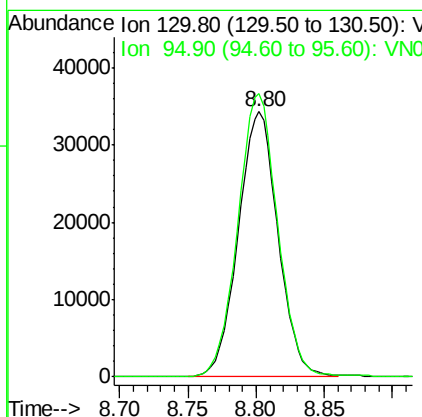
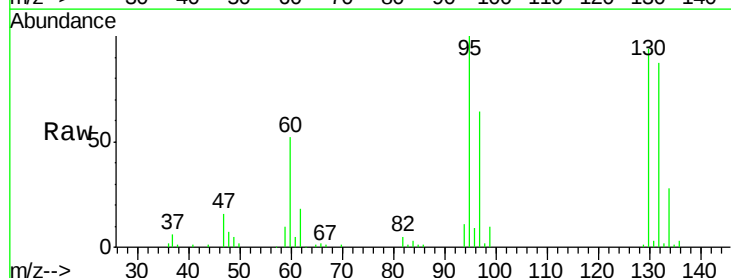
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#44
Trichloroethene
Concen: 47.312 ug/l
RT: 8.80 min Scan# 2243
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	69439		
95	106.9		0.0	212.4





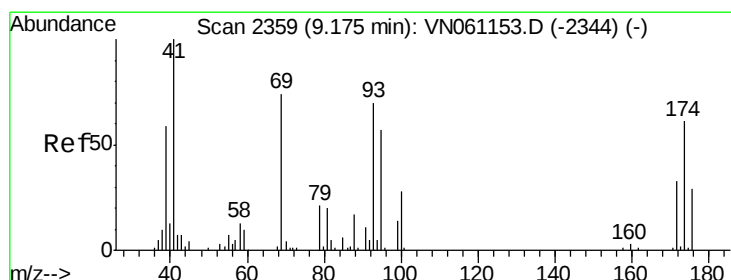
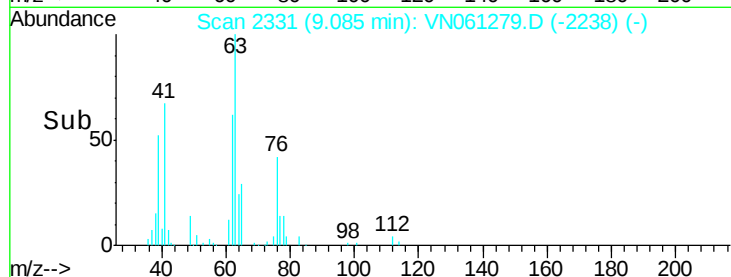
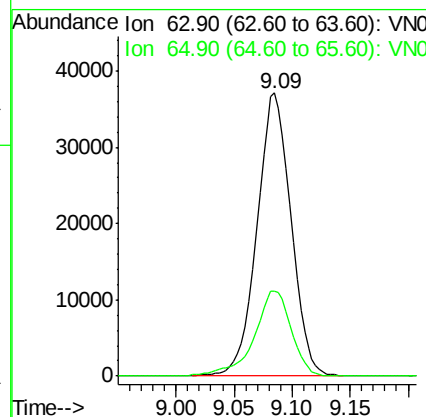
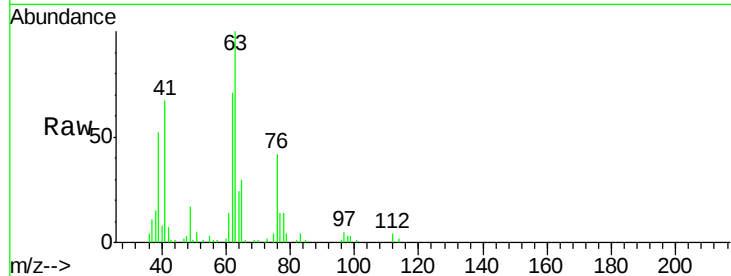
#45
 1,2-Dichloropropane
 Concen: 52.314 ug/l
 RT: 9.09 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MSD

Tot Ion: 63 Resp: 75880
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1

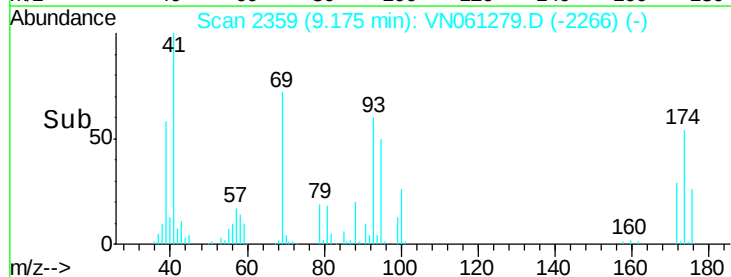
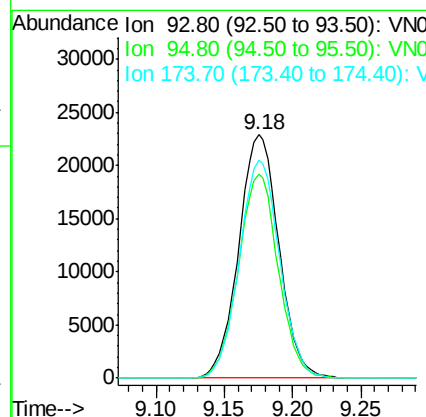
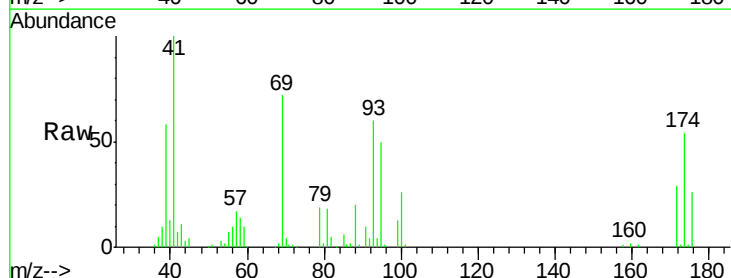
Manual Integrations
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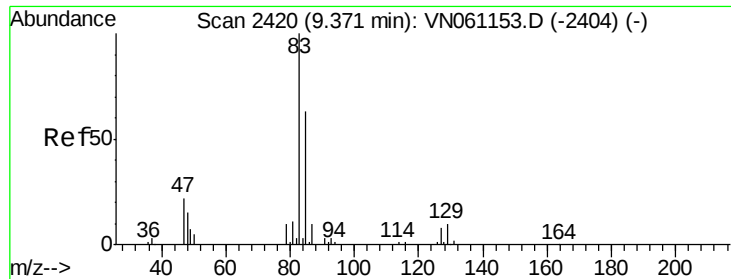
MMDadoda
 5/5/2020 11:36:17 AM



#46
 Dibromomethane
 Concen: 52.055 ug/l
 RT: 9.18 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion: 93 Resp: 46750
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 99.8
 174 89.8 70.2 105.2





#47

Bromodichloromethane

Concen: 52.555 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

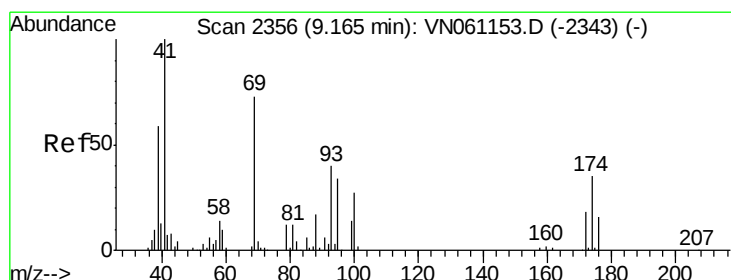
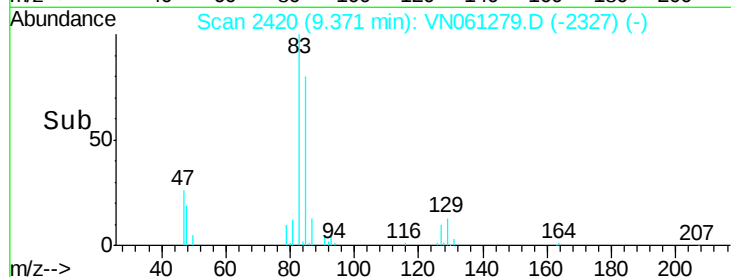
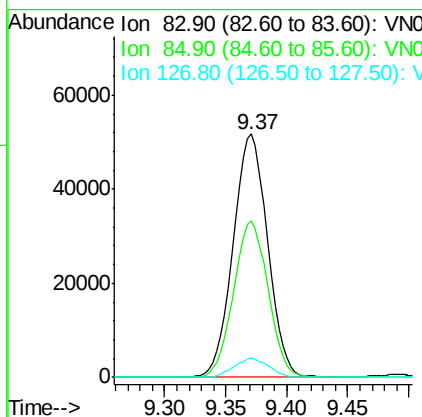
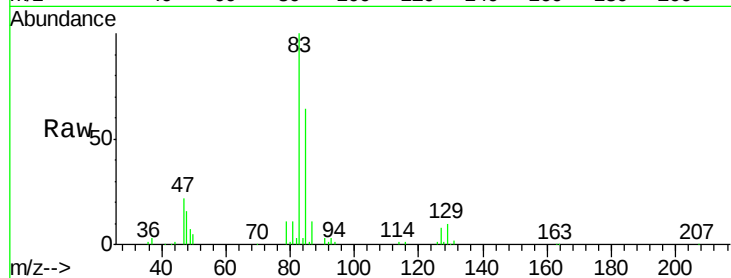
ClientSampleId :

SS040MW015-200428MSD

Tot Ion:	83	Resp:	101308
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.4	75.6
127	7.9	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.114 ug/l

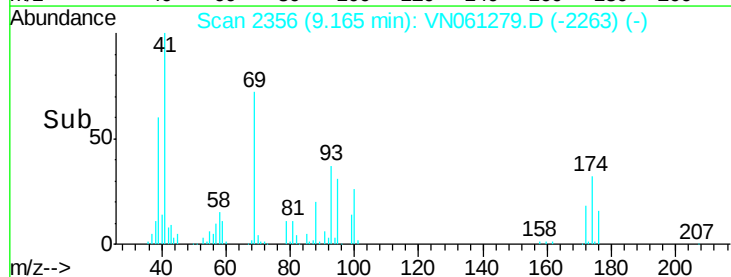
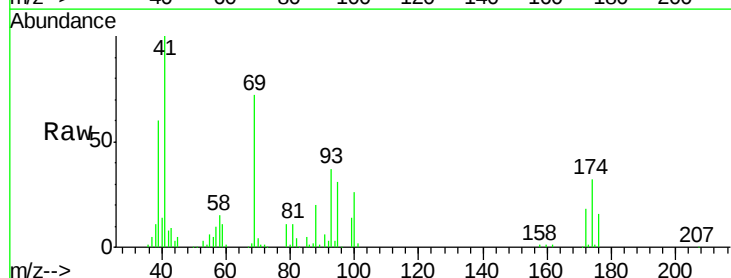
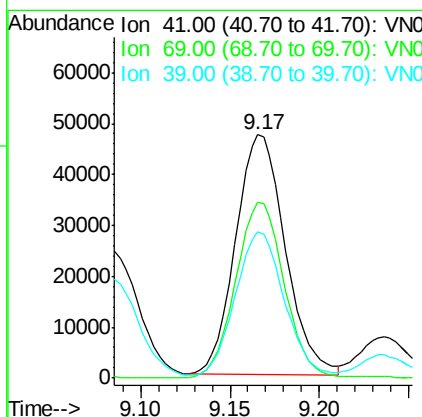
RT: 9.17 min Scan# 2356

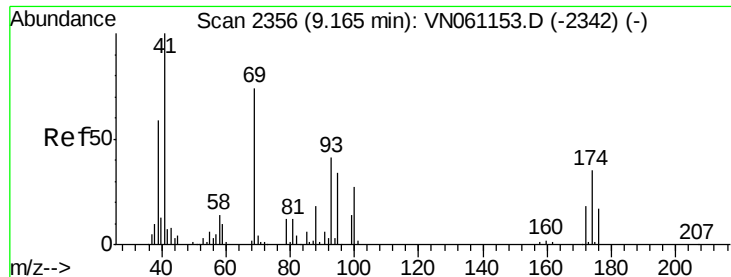
Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Tgt Ion:	41	Resp:	91380
Ion	Ratio	Lower	Upper
41	100		
69	72.4	60.3	90.5
39	61.0	47.4	71.0





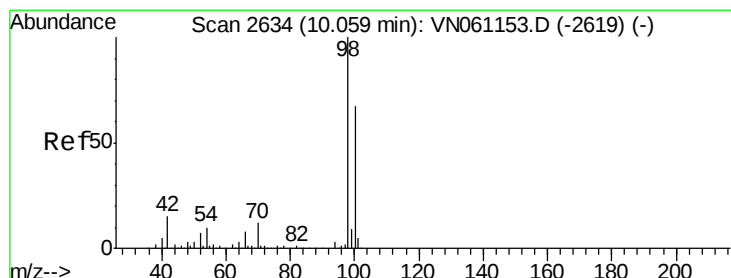
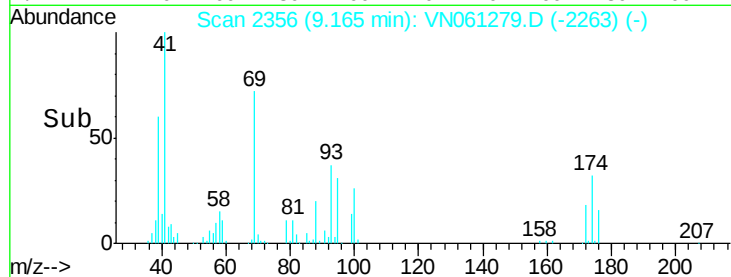
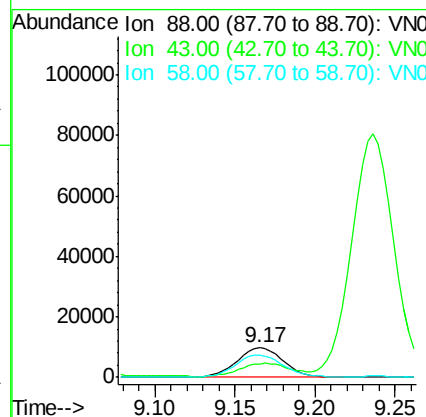
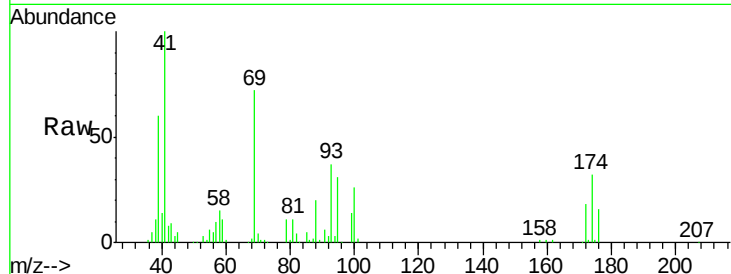
#49
1,4-Dioxane
Concen: 1060.543 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion	88	Resp	19261
Ion	Ratio	Lower	Upper
88	100		
43	50.5	35.3	52.9
58	79.0	61.5	92.3

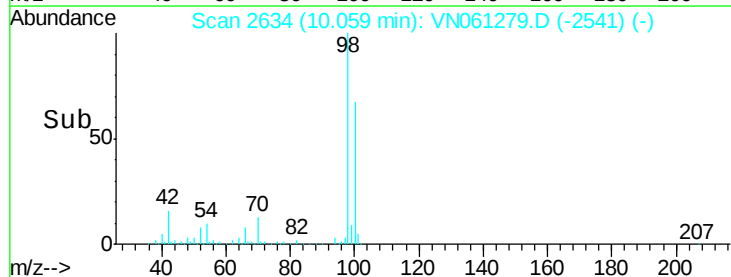
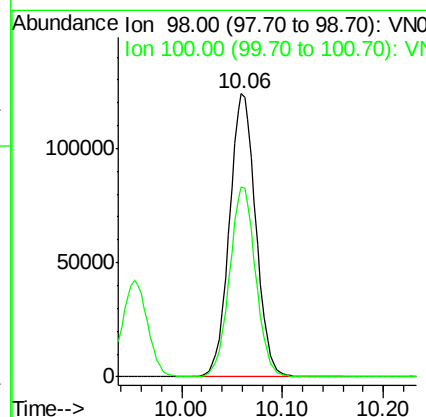
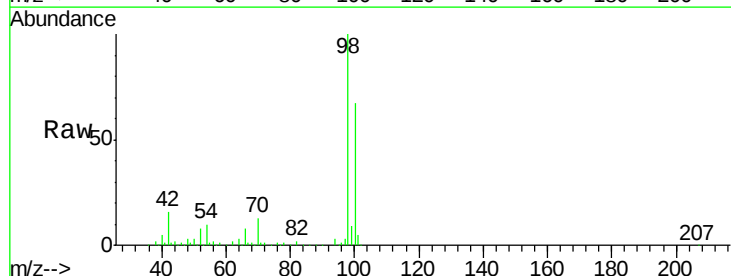
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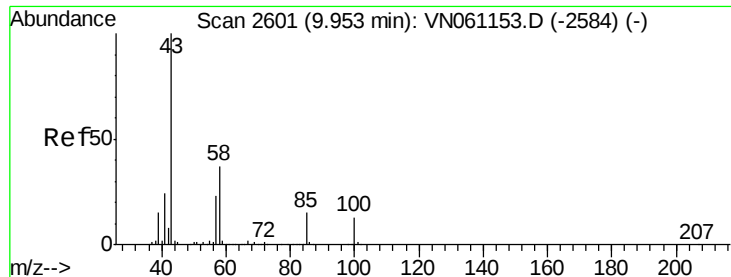
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#50
Toluene-d8
Concen: 51.447 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	98	Resp	225761
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.0





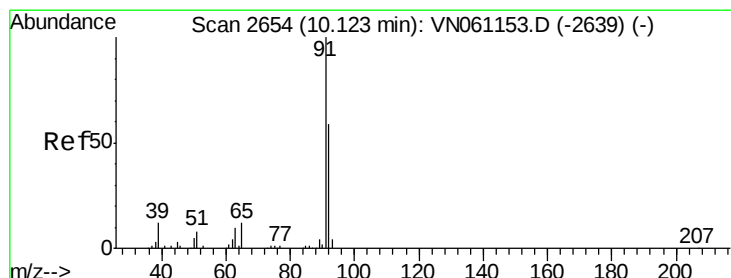
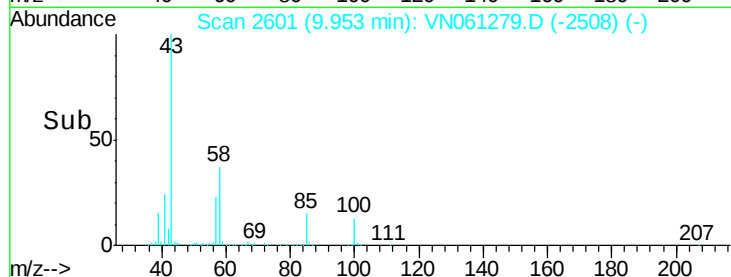
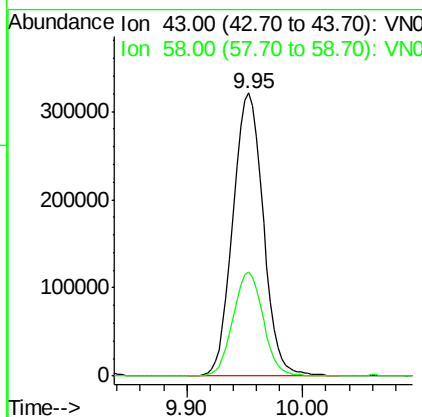
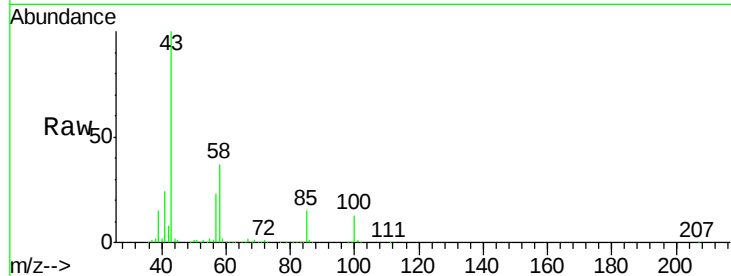
#51
4-Methyl-2-Pentanone
Concen: 277.373 ug/l
RT: 9.95 min Scan# 2601
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.1	43.7

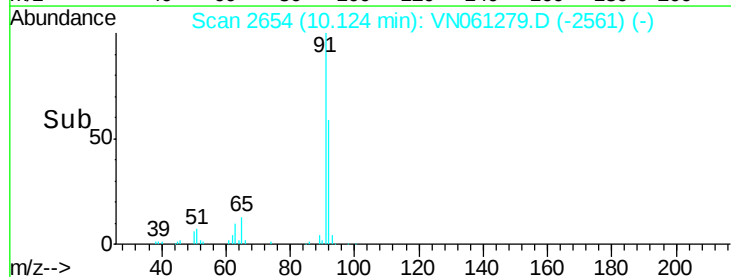
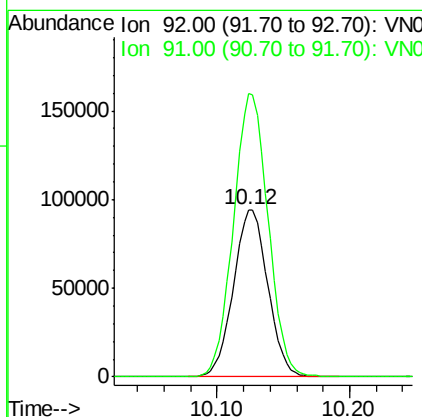
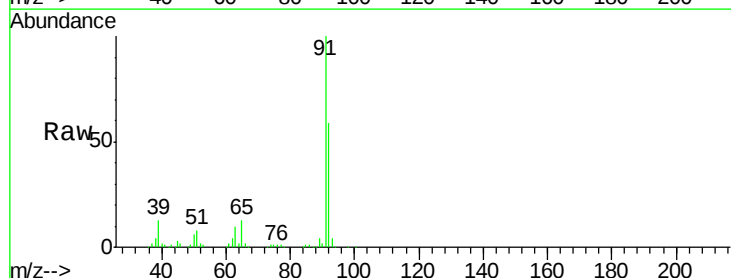
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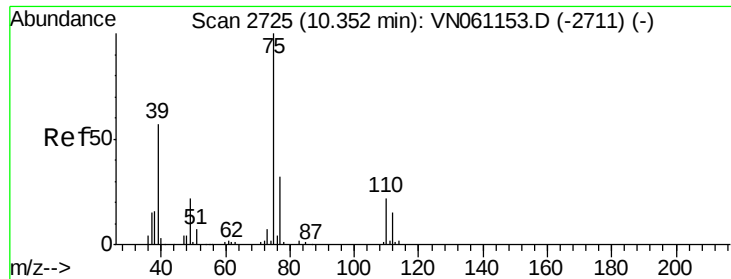
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#52
Toluene
Concen: 51.847 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.4	136.2	204.2





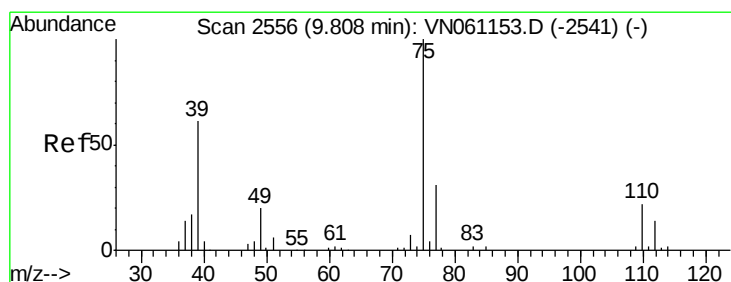
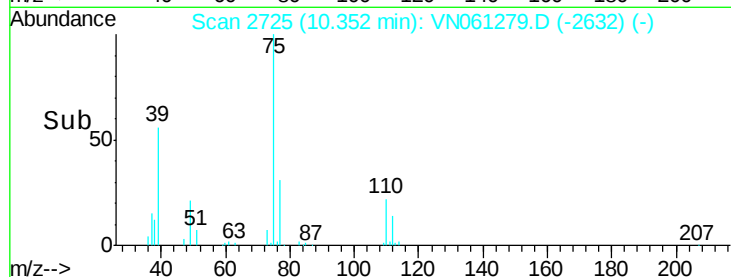
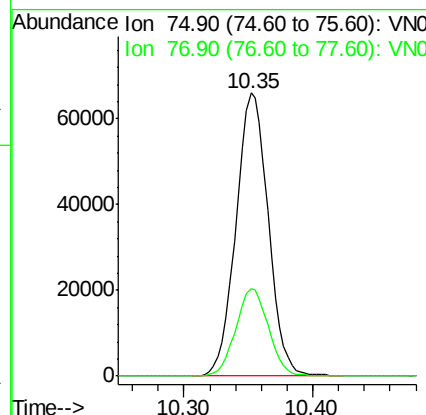
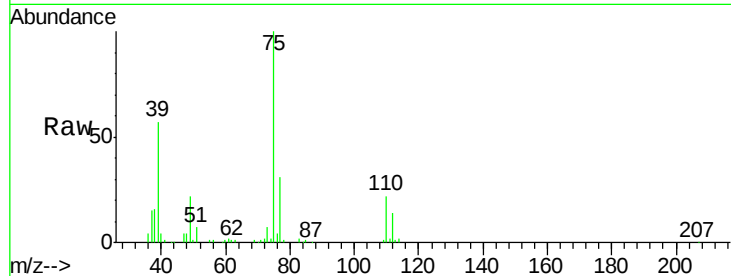
#53
t-1,3-Dichloropropene
Concen: 52.944 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.5	38.3

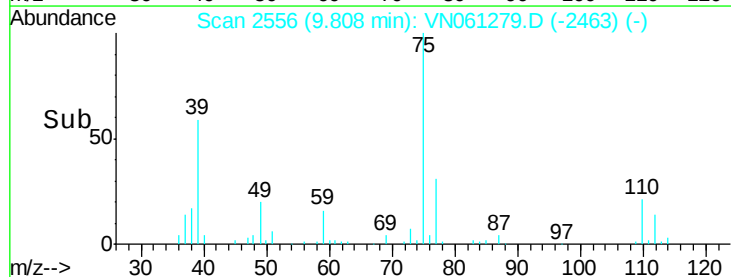
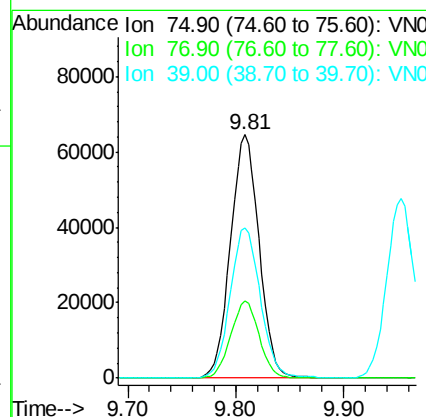
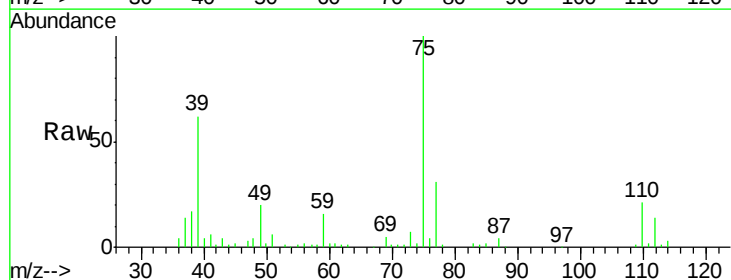
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#54
cis-1,3-Dichloropropene
Concen: 52.185 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.4
39	61.9	48.7	73.1





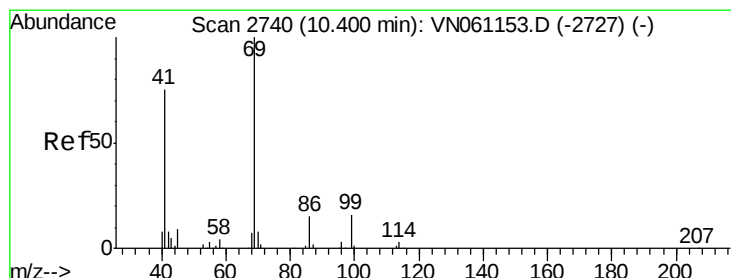
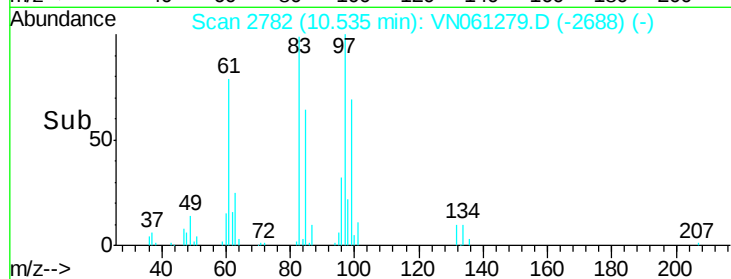
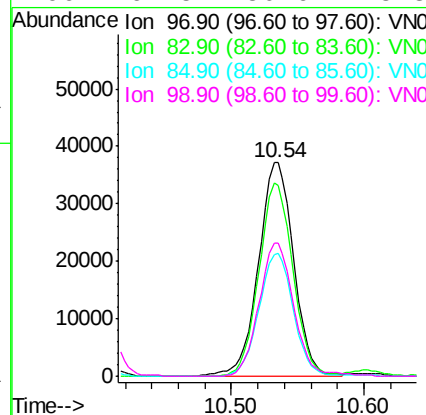
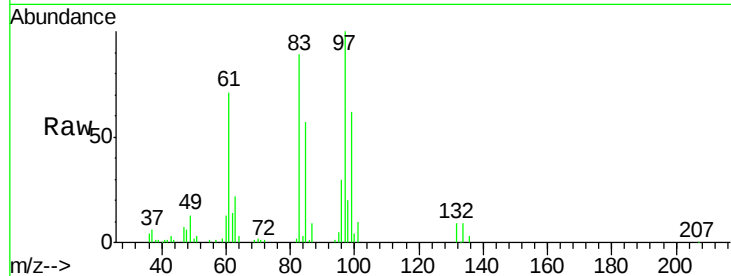
#55
 1,1,2-Trichloroethane
 Concen: 52.642 ug/l
 RT: 10.54 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MSD

Tot Ion:	97	Resp:	68665
Ion	Ratio	Lower	Upper
97	100		
83	89.3	70.6	106.0
85	57.3	46.4	69.6
99	62.5	50.6	75.8

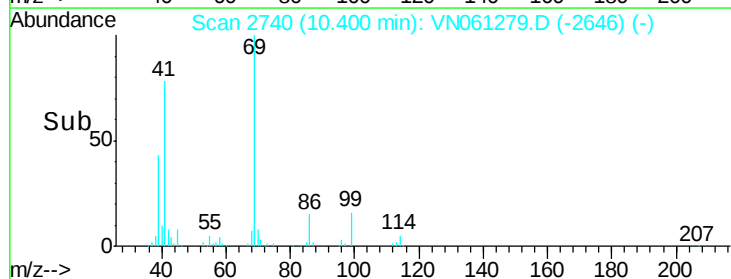
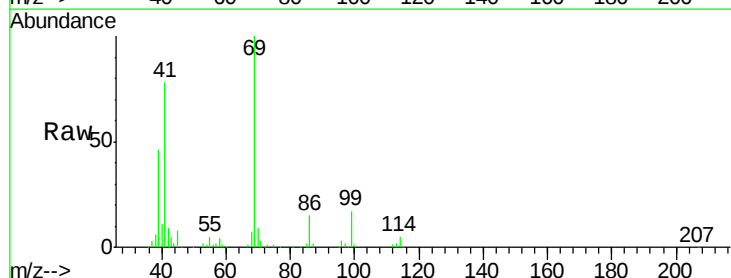
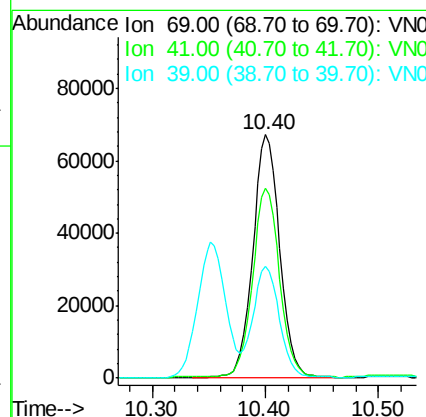
Manual Integrations
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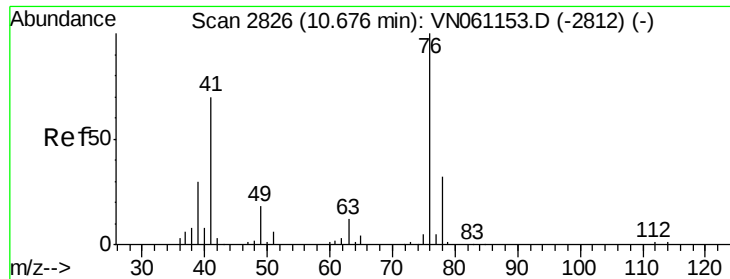
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#56
 Ethyl methacrylate
 Concen: 49.061 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion:	69	Resp:	111393
Ion	Ratio	Lower	Upper
69	100		
41	77.2	60.3	90.5
39	44.7	35.9	53.9





#57

1,3-Dichloropropane

Concen: 53.055 ug/l

RT: 10.68 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MSD

Tot Ion: 76 Resp: 121643

Ion Ratio Lower Upper

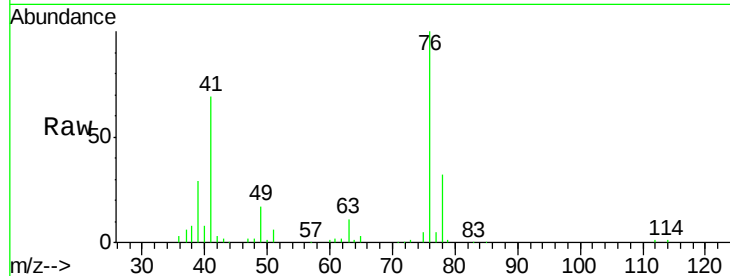
76 100

78 31.8 25.5 38.3

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Abundance Ion 75.90 (75.60 to 76.60): VN061279.D (-2733) (-)

Ion 77.90 (77.60 to 78.60): VN061279.D (-2733) (-)

10.68

80000

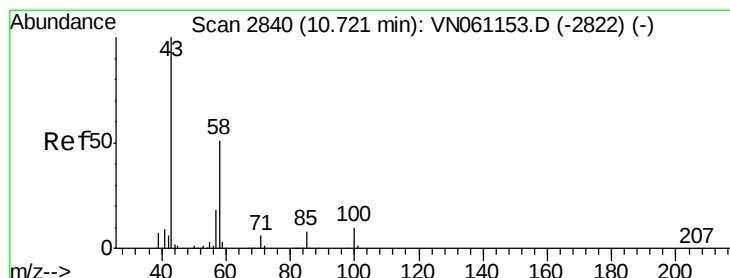
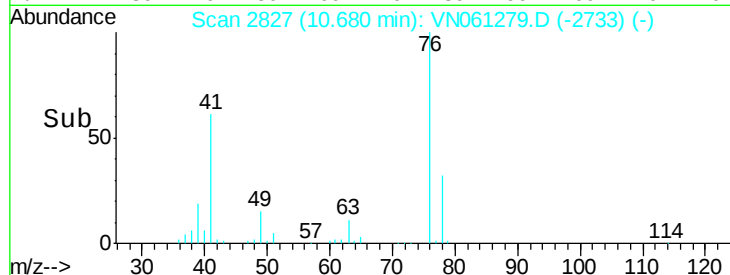
60000

40000

20000

0

Time-->



#59

2-Hexanone

Concen: 283.039 ug/l

RT: 10.72 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN061279.D

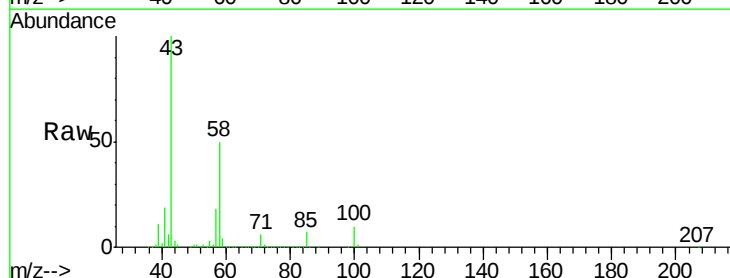
Acq: 4 May 2020 15:40

Tgt Ion: 43 Resp: 429745

Ion Ratio Lower Upper

43 100

58 50.1 25.4 76.4



Abundance Ion 43.00 (42.70 to 43.70): VN061279.D (-2747) (-)

Ion 58.00 (57.70 to 58.70): VN061279.D (-2747) (-)

10.72

300000

250000

200000

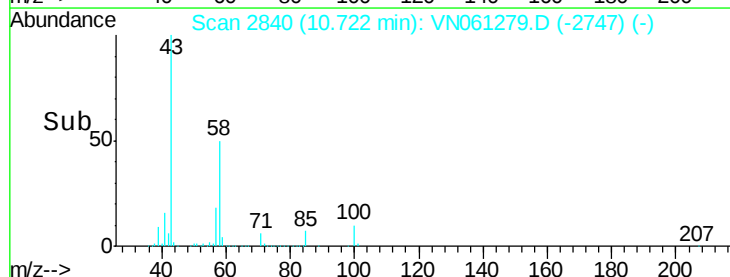
150000

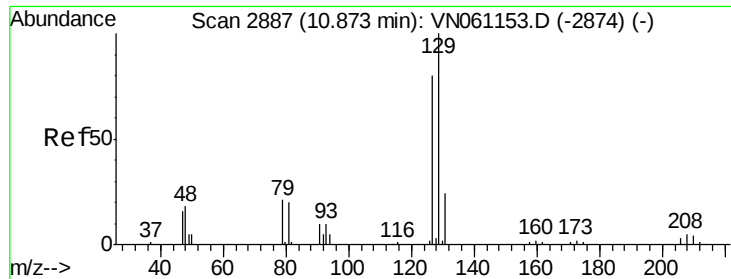
100000

50000

0

Time-->





#60

Dibromochloromethane

Concen: 51.722 ug/l

RT: 10.87 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MSD

Tot Ion:129 Resp: 70659

Ion Ratio Lower Upper

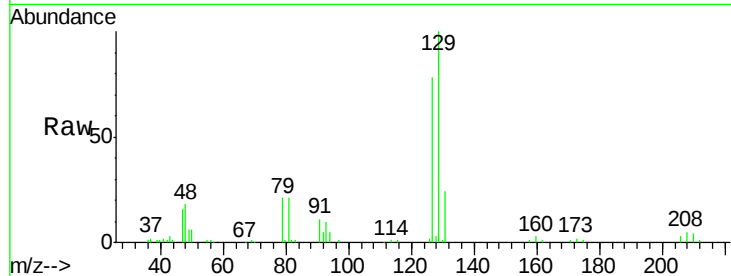
129 100

127 78.5 39.3 117.8

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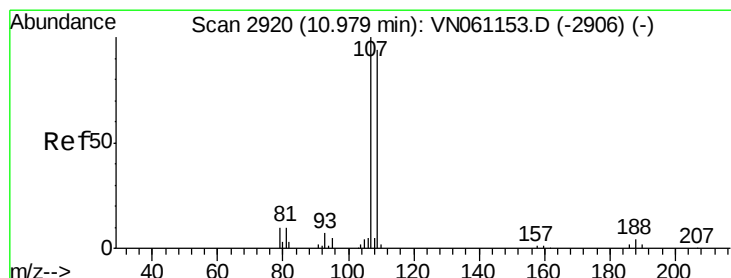
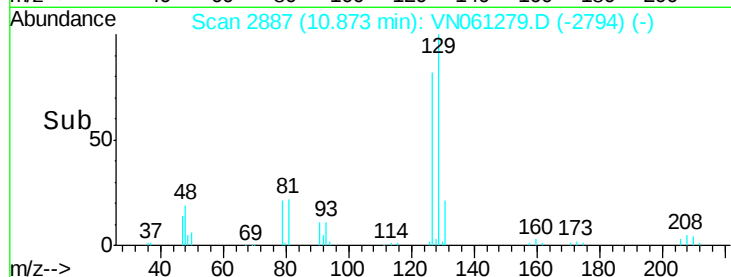
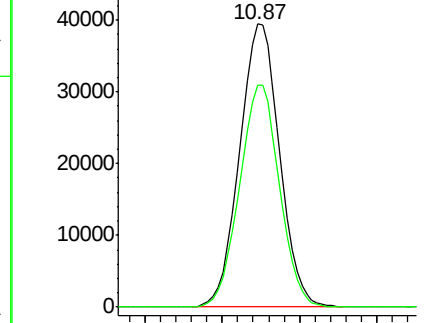
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.510 ug/l

RT: 10.98 min Scan# 2920

Delta R.T. 0.00 min

Lab File: VN061279.D

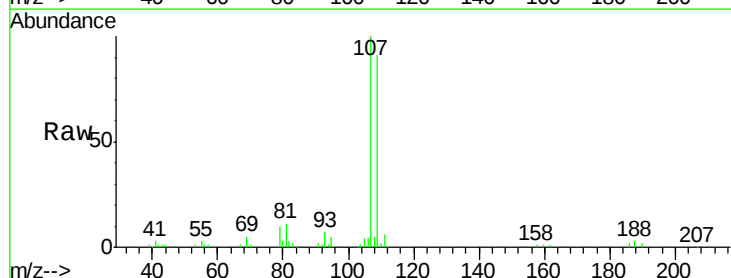
Acq: 4 May 2020 15:40

Tgt Ion:107 Resp: 68650

Ion Ratio Lower Upper

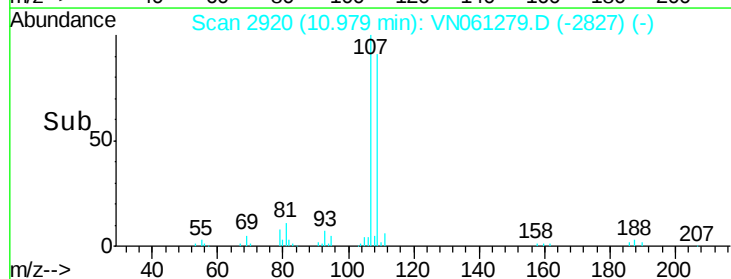
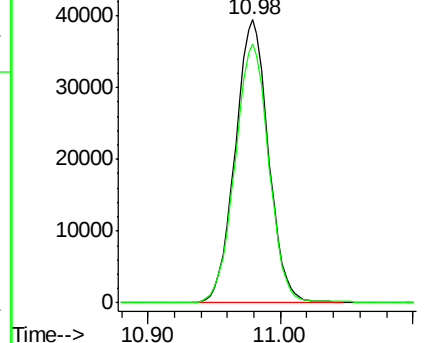
107 100

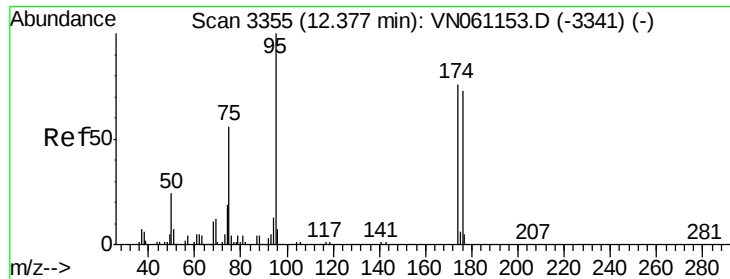
109 92.8 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 52.048 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

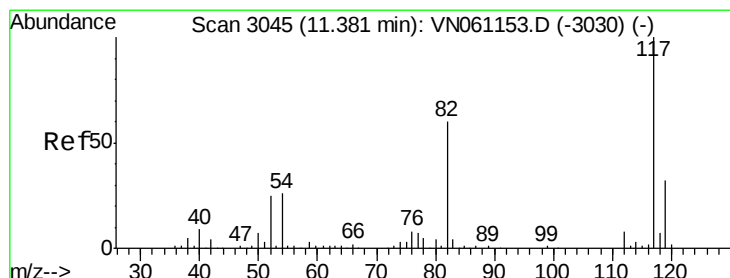
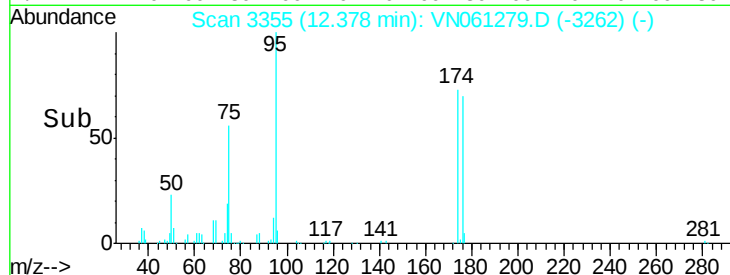
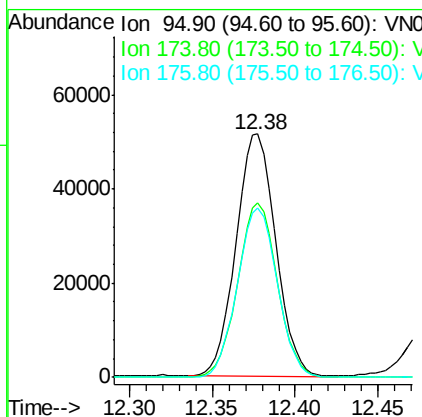
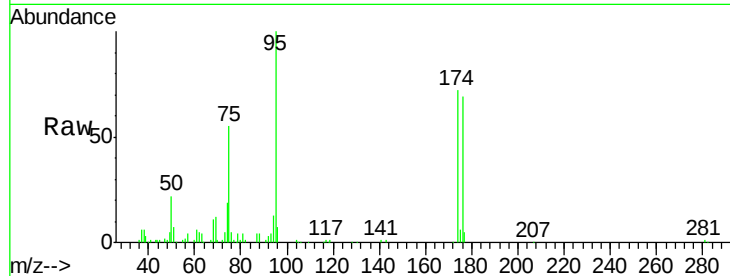
ClientSampleId :

SS040MW015-200428MSD

Tot Ion:	95	Resp:	85951
Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	149.4
176	70.0	0.0	144.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

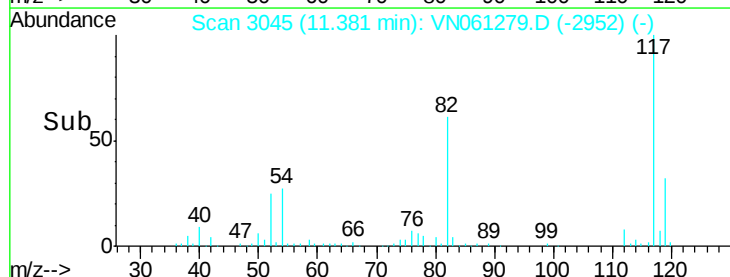
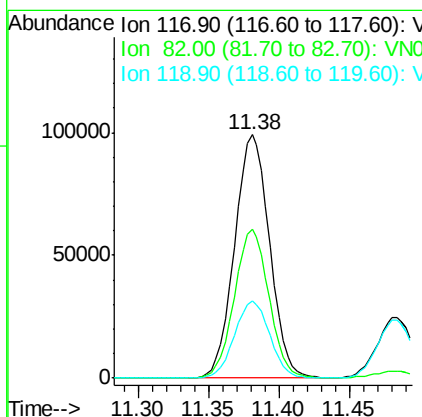
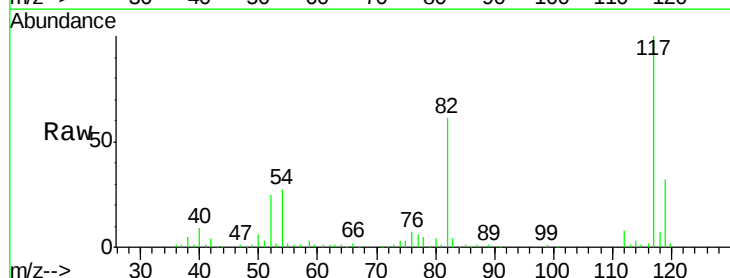
RT: 11.38 min Scan# 3045

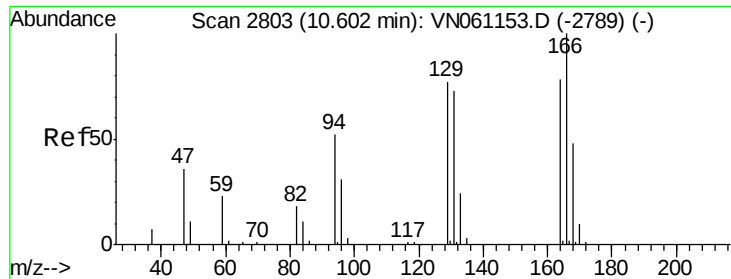
Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Tgt Ion:	117	Resp:	172617
Ion	Ratio	Lower	Upper
117	100		
82	60.9	47.8	71.8
119	31.5	25.8	38.6





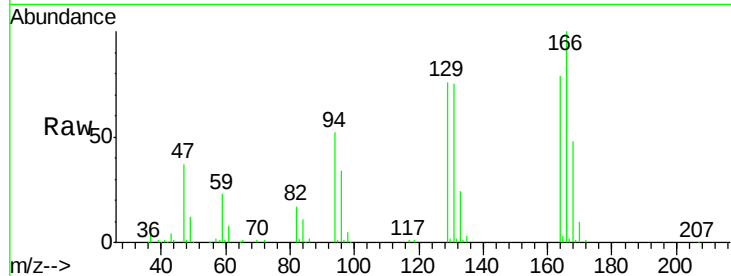
#64
Tetrachloroethene
Concen: 45.682 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

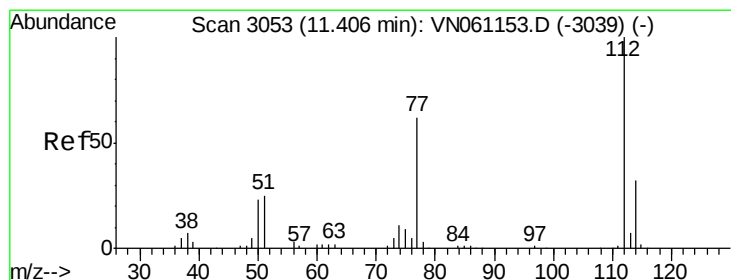
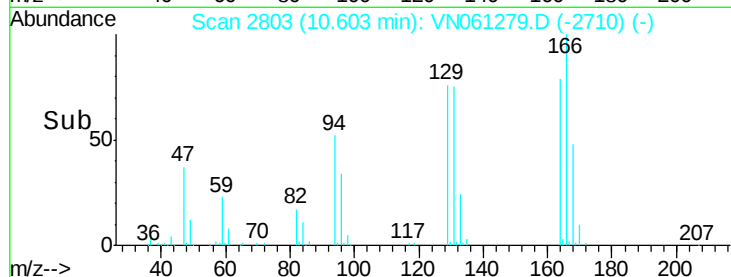
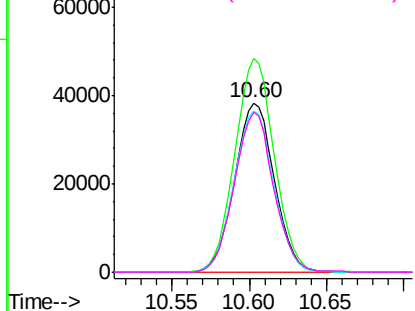
Tot Ion:164 Resp: 68297
Ion Ratio Lower Upper
164 100
166 126.2 102.0 153.0
129 95.6 78.2 117.2
131 94.4 74.5 111.7

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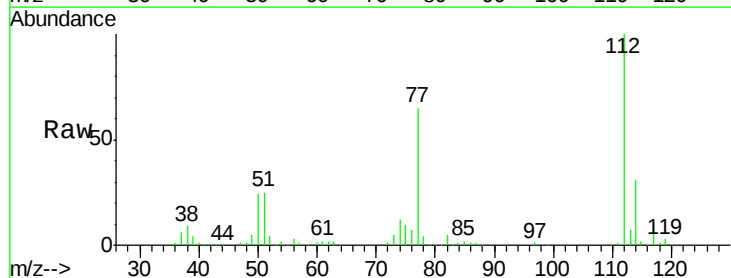


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

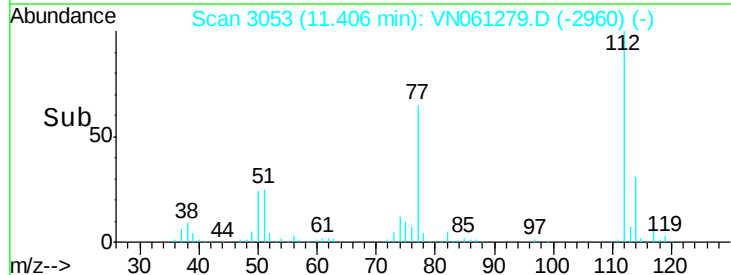
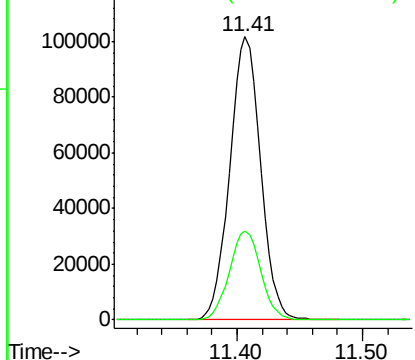


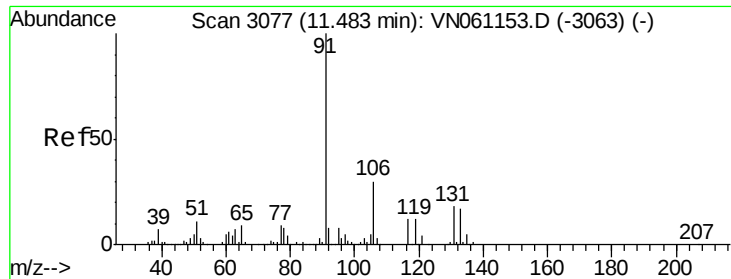
#65
Chlorobenzene
Concen: 50.636 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion:112 Resp: 173384
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 52.731 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

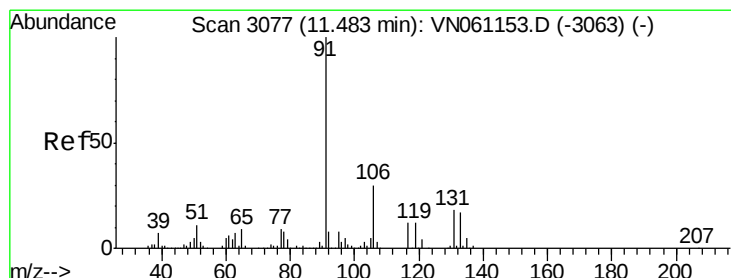
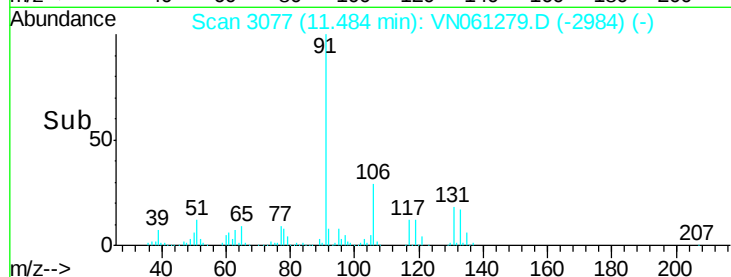
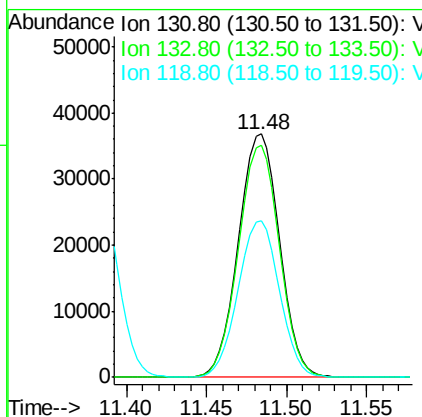
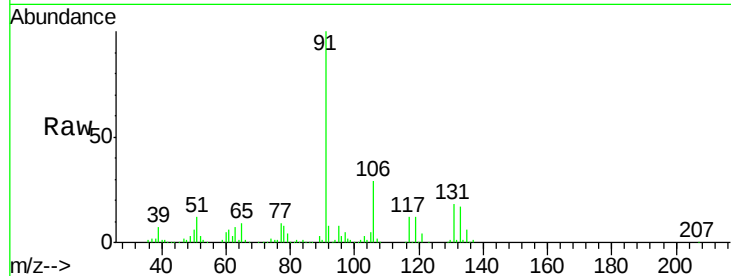
ClientSampleId :

SS040MW015-200428MSD

Tot Ion:	131	Resp:	64623
Ion Ratio	Lower	Upper	
131	100		
133	95.0	48.0	144.2
119	64.5	32.6	97.8

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#67

Ethyl Benzene

Concen: 51.828 ug/l

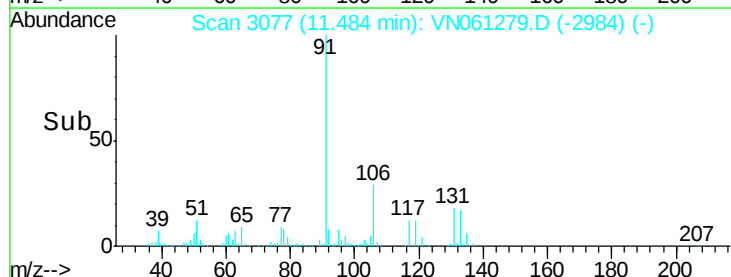
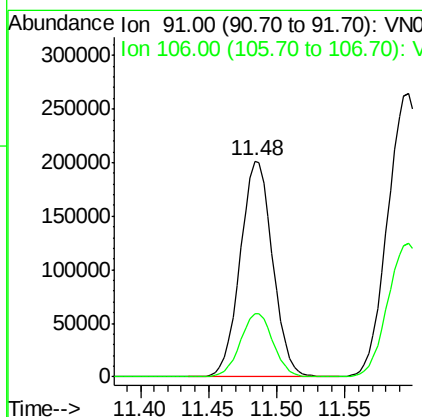
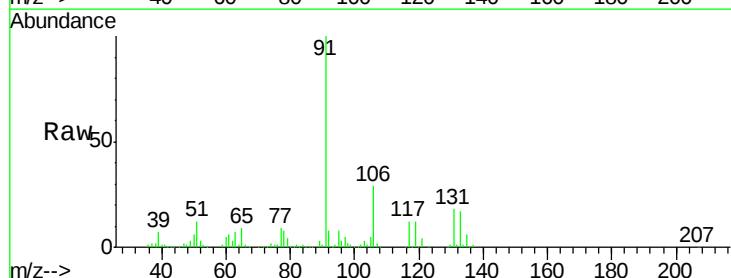
RT: 11.48 min Scan# 3077

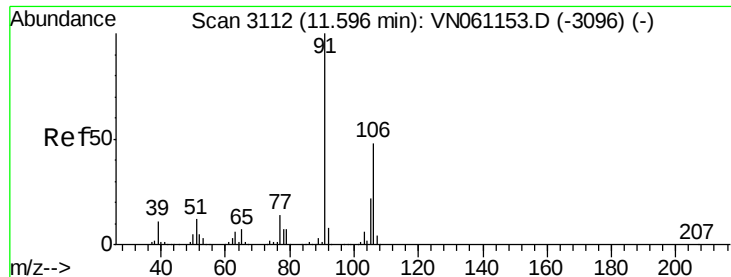
Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Tgt Ion:	91	Resp:	332217
Ion Ratio	Lower	Upper	
91	100		
106	29.5	23.8	35.6





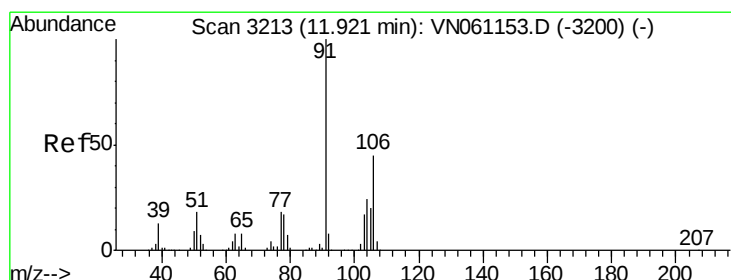
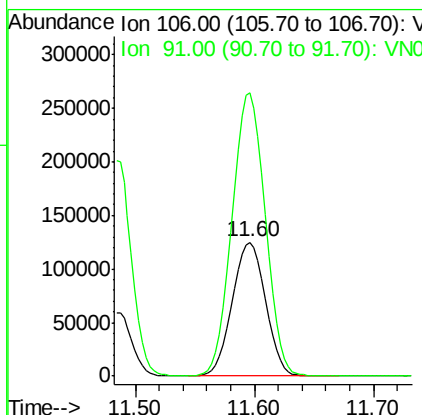
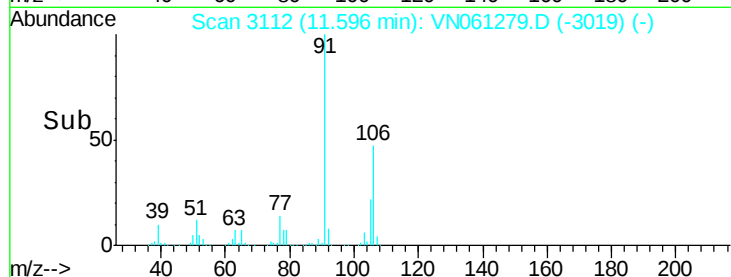
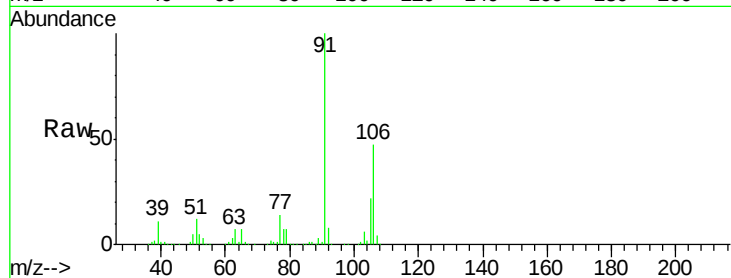
#68
m/p-Xylenes
Concen: 103.403 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		242608		
91	211.3	166.4	249.6		

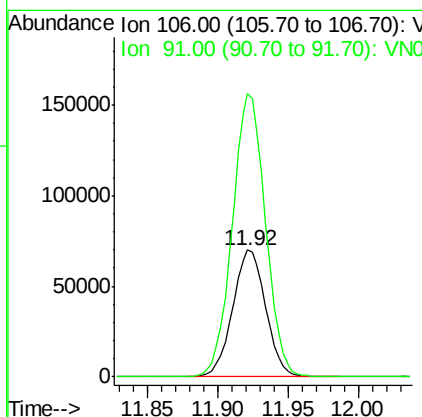
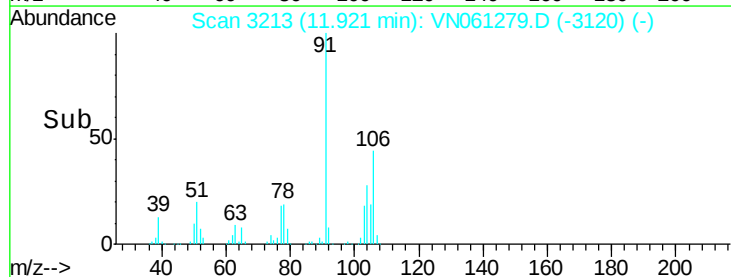
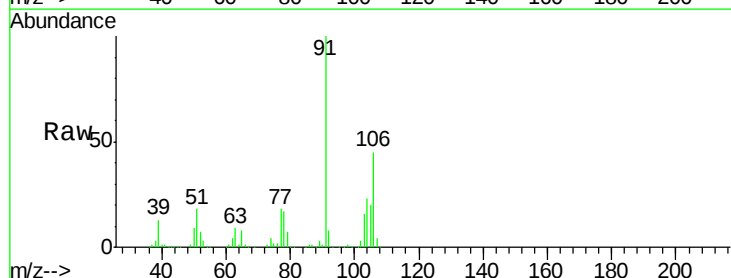
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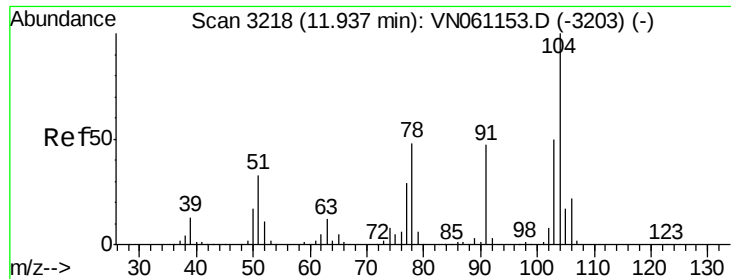
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#69
o-Xylene
Concen: 51.015 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		114973		
91	223.6	109.7	329.0		





#70

Stvrene

Concen: 52.611 ug/l

RT: 11.94 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

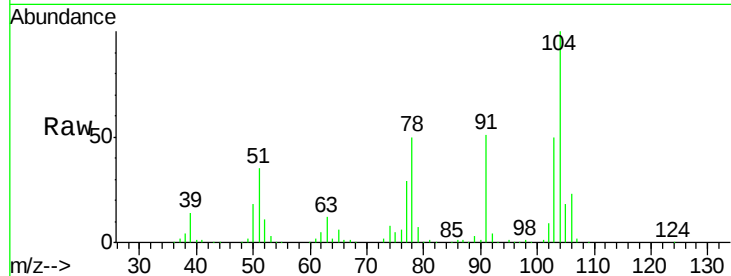
ClientSampleId :

SS040MW015-200428MSD

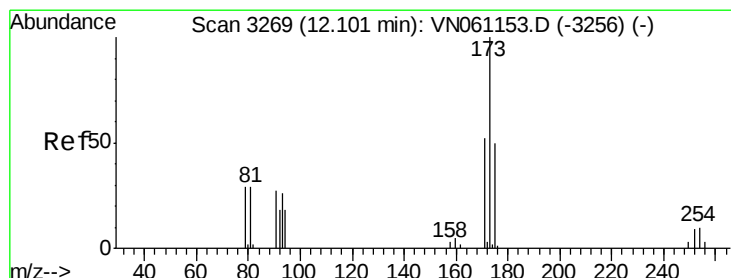
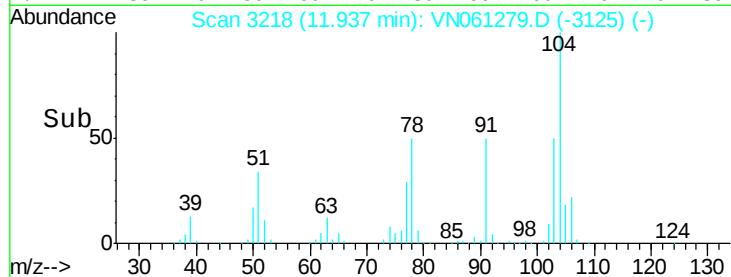
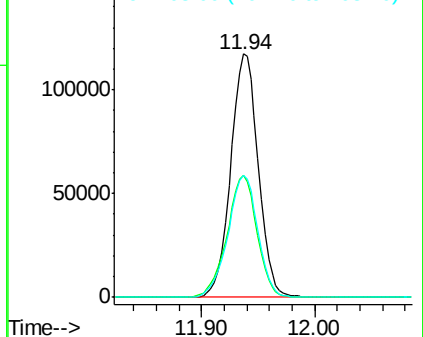
Tot Ion:	104	Resp:	198449
Ion Ratio	Lower	Upper	
104	100		
78	54.5	42.1	63.1
103	54.3	43.3	64.9

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Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 54.033 ug/l

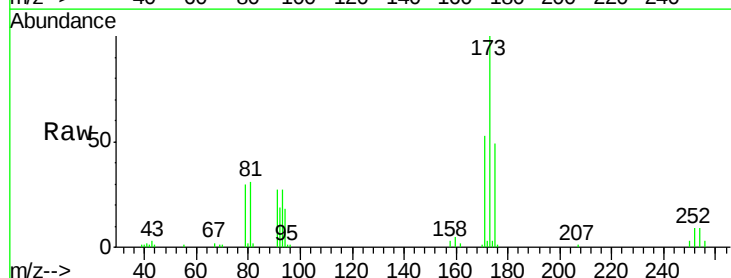
RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

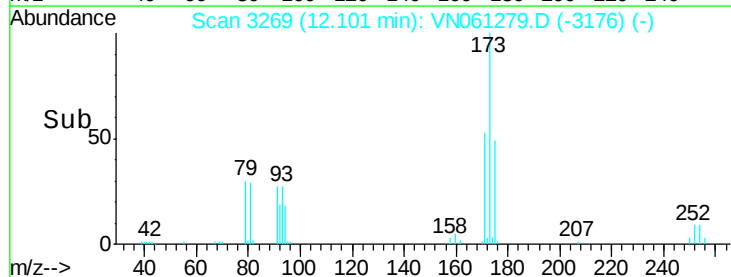
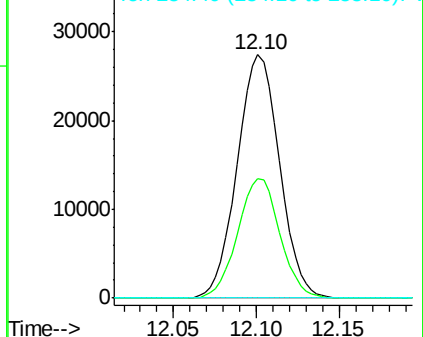
Lab File: VN061279.D

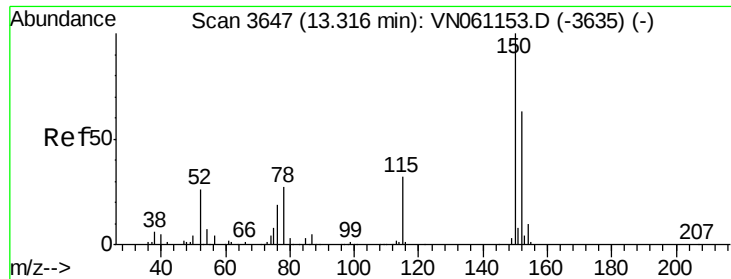
Acq: 4 May 2020 15:40

Tgt Ion:	173	Resp:	48668
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.1	72.4
254	0.0	0.0	0.0



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# 3648

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MSD

Tot Ion:152 Resp: 83549

Ion Ratio Lower Upper

152 100

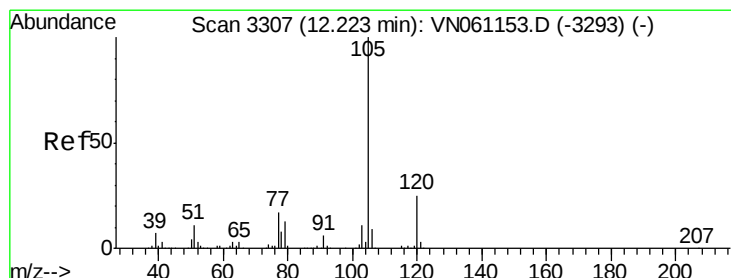
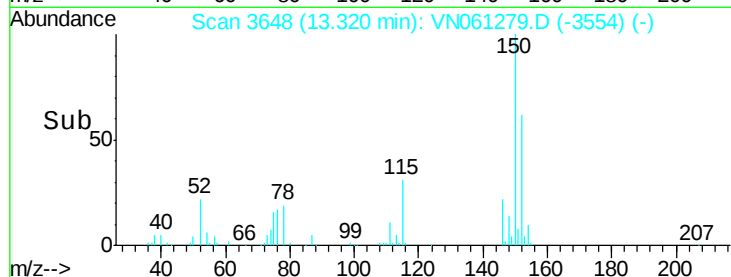
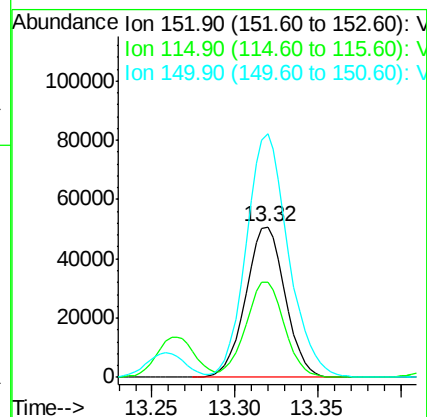
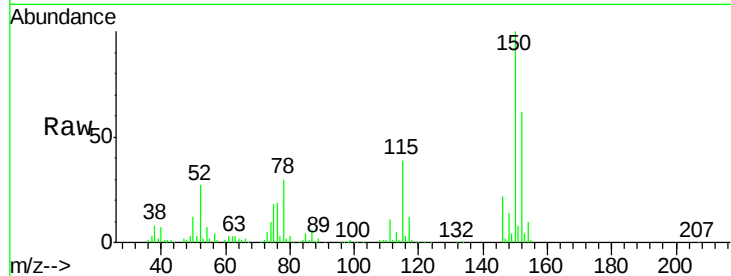
115 62.5 31.0 93.0

150 173.3 0.0 351.8

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#73

Isopropylbenzene

Concen: 51.847 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061279.D

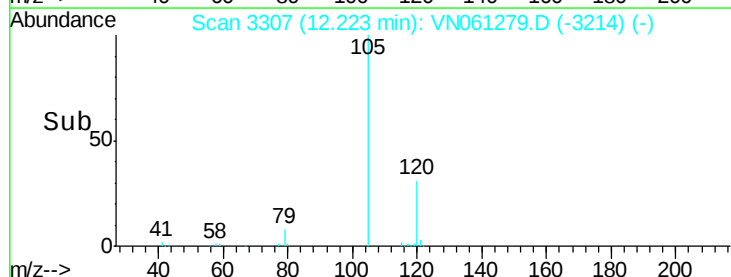
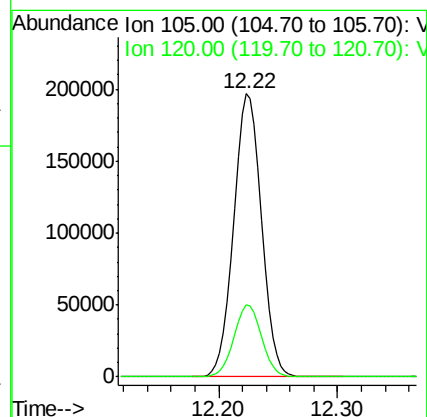
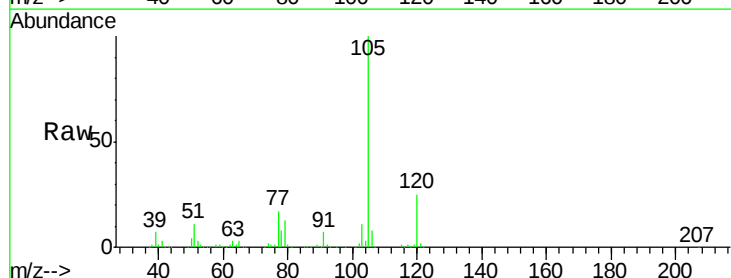
Acq: 4 May 2020 15:40

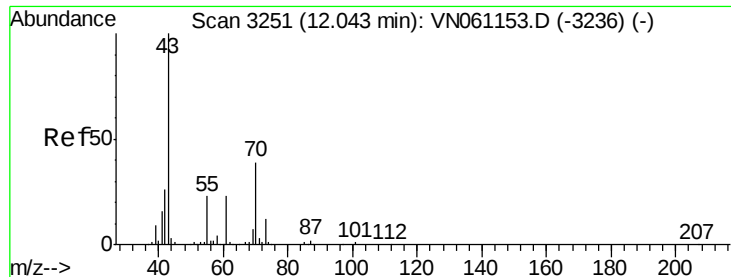
Tgt Ion:105 Resp: 318448

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8





#74

N-amvl acetate

Concen: 52.284 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

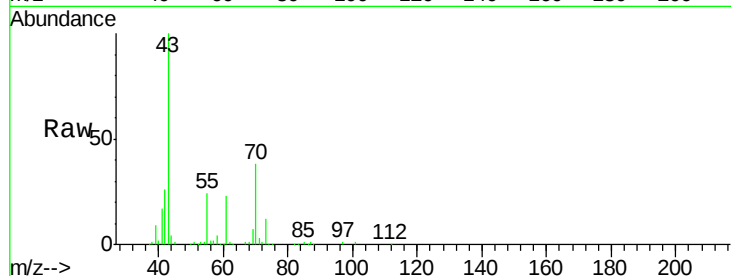
ClientSampleId :

SS040MW015-200428MSD

Tot Ion	43	Resp	162616
Ion	Ratio	Lower	Upper
43	100		
70	37.7	30.6	46.0
55	23.9	18.5	27.7
61	22.2	17.9	26.9

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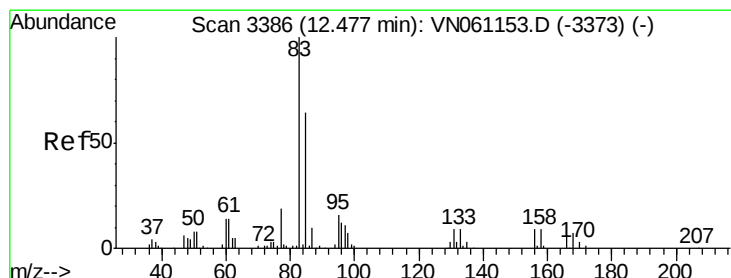
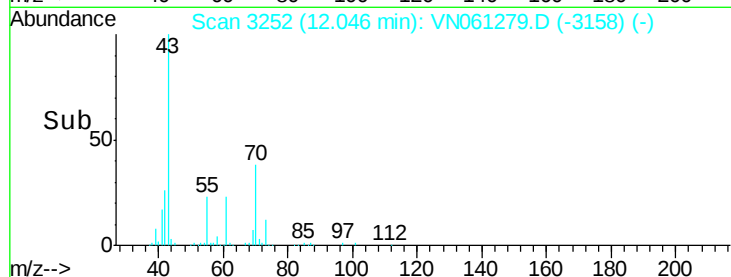
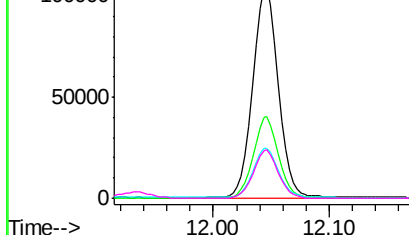


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-3236) (-)

Ion 70.00 (69.70 to 70.70): VN061153.D (-3236) (-)

Ion 55.00 (54.70 to 55.70): VN061153.D (-3236) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-3236) (-)



#75

1,1,2,2-Tetrachloroethane

Concen: 53.314 ug/l

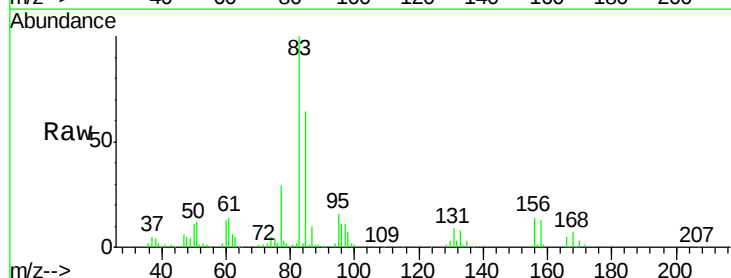
RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

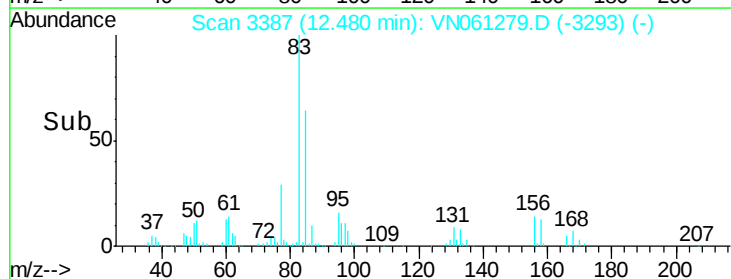
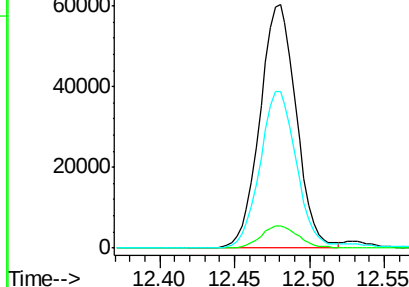
Tgt Ion	83	Resp	102107
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.8	14.3
85	64.0	32.0	96.0

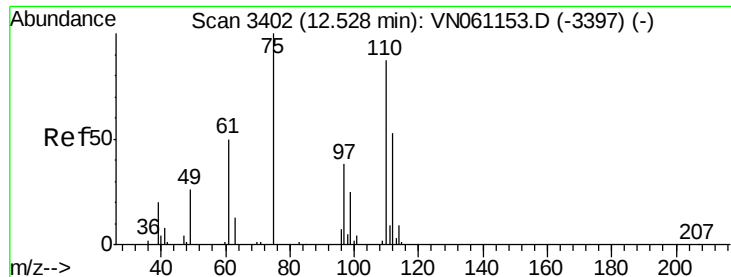


Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-3373) (-)

Ion 130.80 (130.50 to 131.50): VN061153.D (-3373) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-3373) (-)





#76

1,2,3-Trichloropropane

Concen: 52.560 ug/l m

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MSD

Tot Ion: 75 Resp: 92582

Ion Ratio Lower Upper

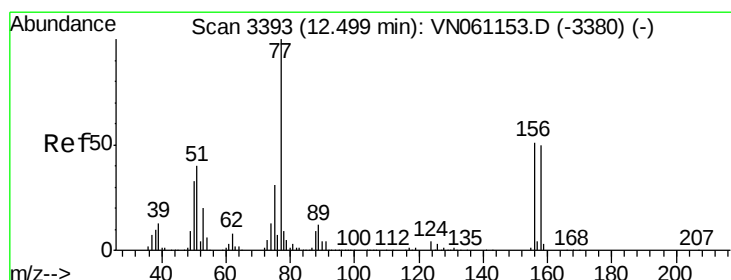
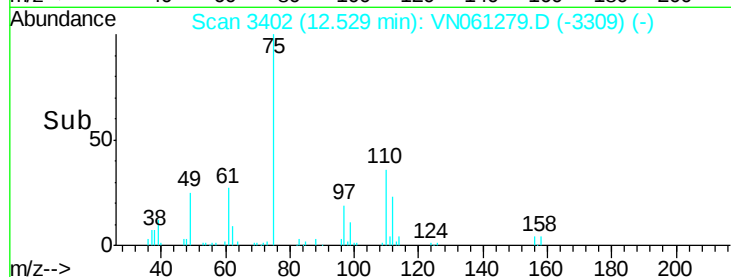
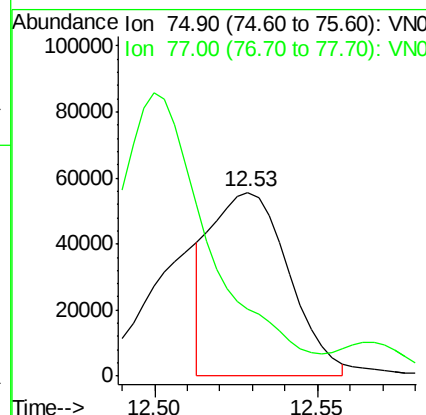
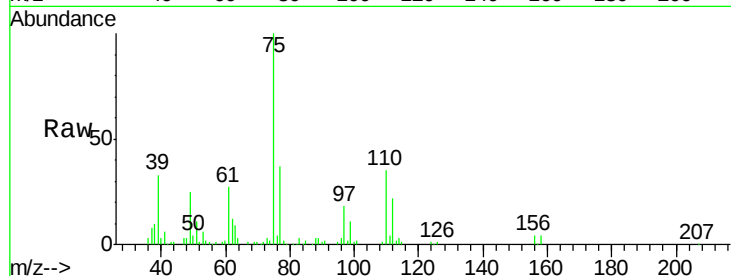
75 100

77 0.0 0.0 0.0

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#77

Bromobenzene

Concen: 50.779 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

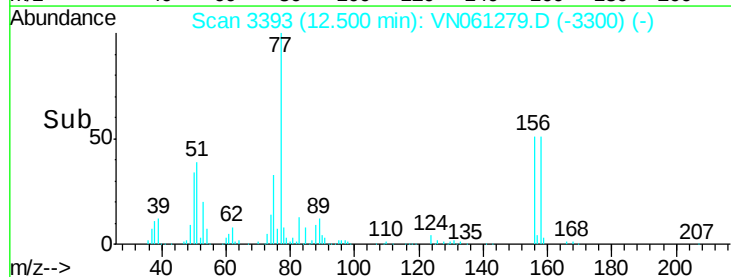
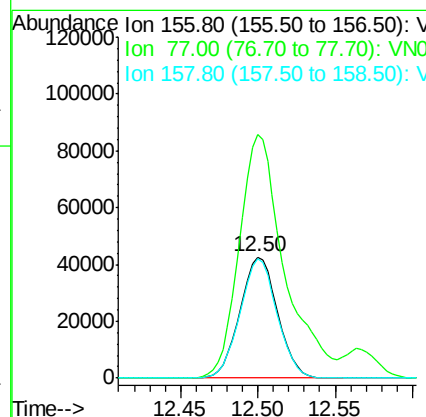
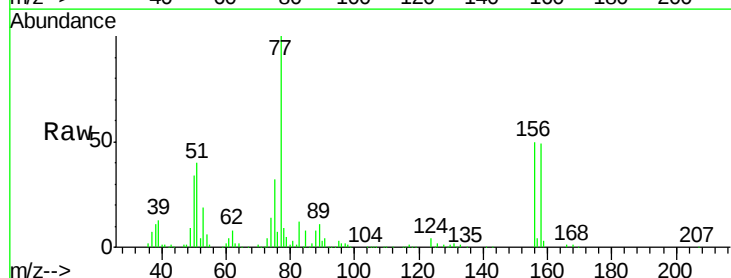
Tgt Ion: 156 Resp: 71998

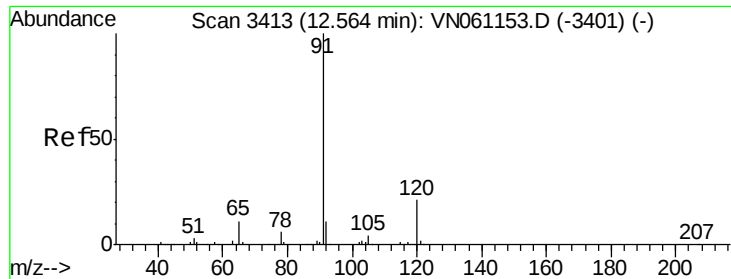
Ion Ratio Lower Upper

156 100

77 242.0 117.4 352.2

158 97.2 48.4 145.0





#78

n-propylbenzene

Concen: 52.552 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MSD

Tot Ion: 91 Resp: 382852

Ion Ratio Lower Upper

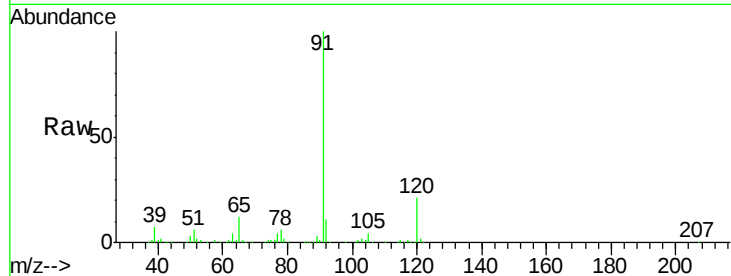
91 100

120 21.5 10.8 32.3

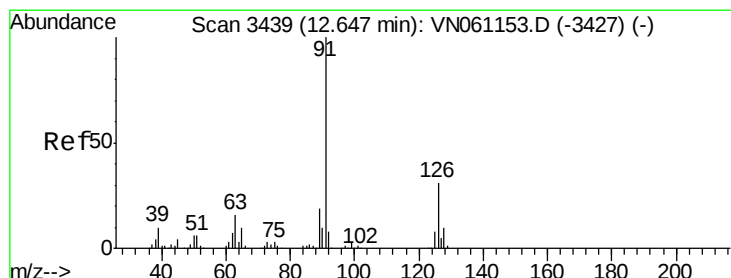
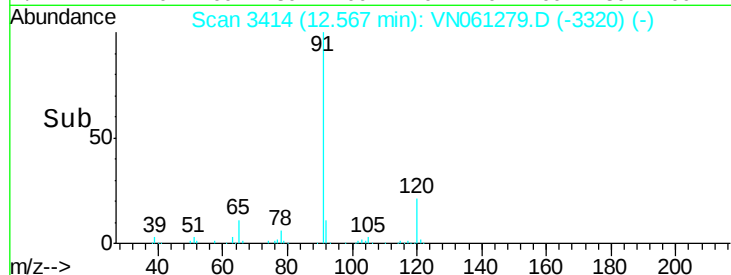
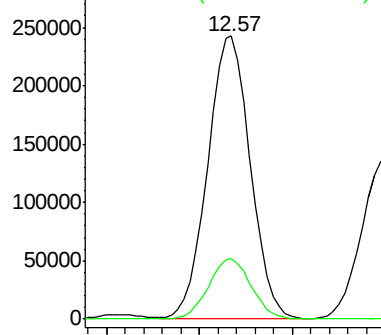
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Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3401) (-)



#79

2-Chlorotoluene

Concen: 51.847 ug/l

RT: 12.65 min Scan# 3440

Delta R.T. 0.00 min

Lab File: VN061279.D

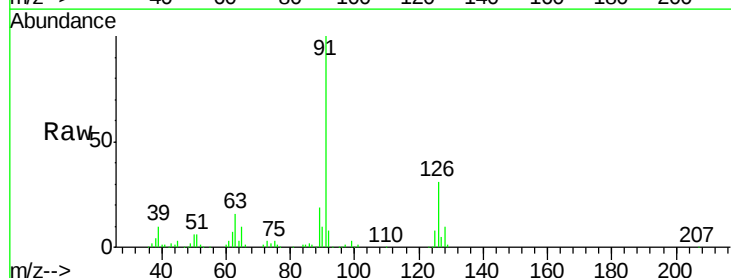
Acq: 4 May 2020 15:40

Tgt Ion: 91 Resp: 222012

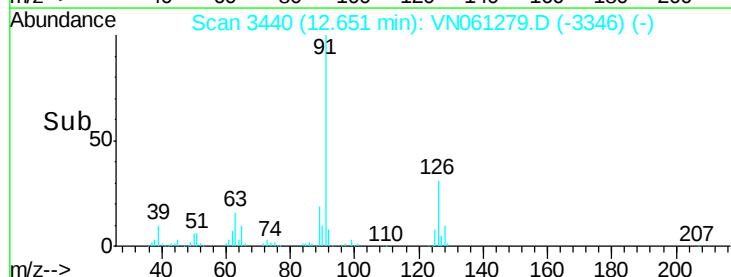
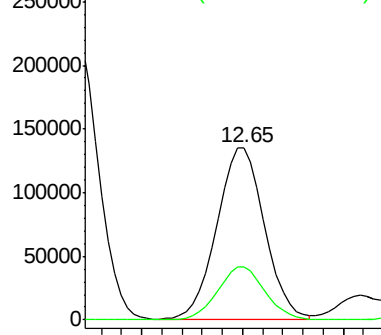
Ion Ratio Lower Upper

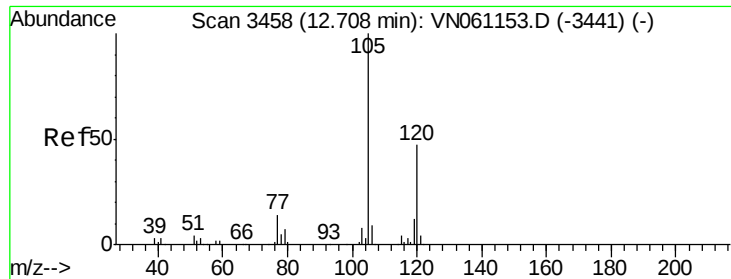
91 100

126 30.8 15.9 47.7



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





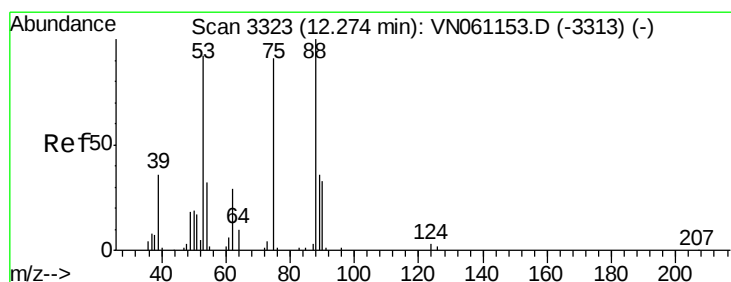
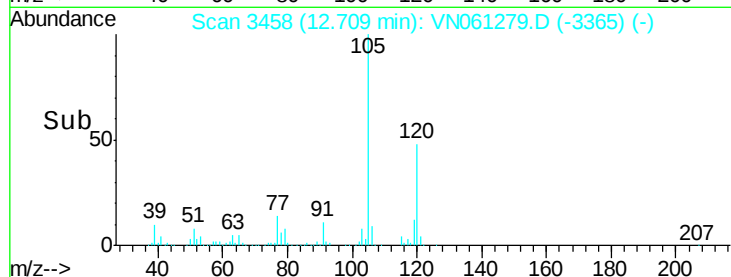
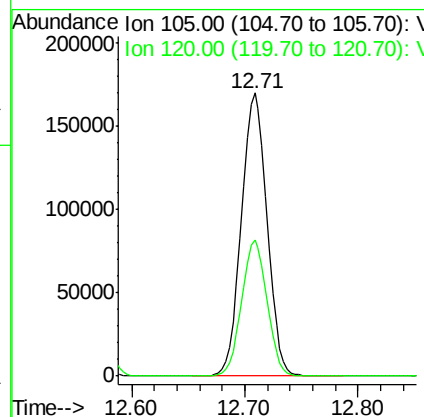
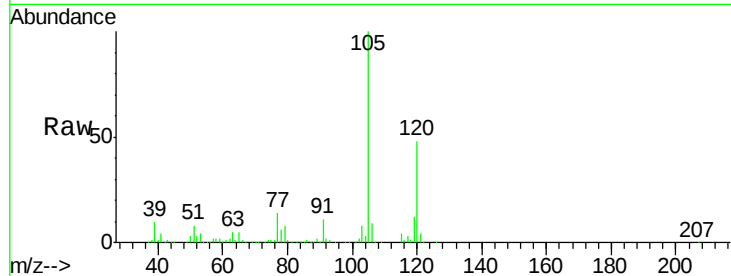
#80
 1,3,5-Trimethylbenzene
 Concen: 52.834 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MSD

Tot Ion	Ratio	Resp	Lower	Upper
105	100	268585		
120	47.4	23.9	71.7	

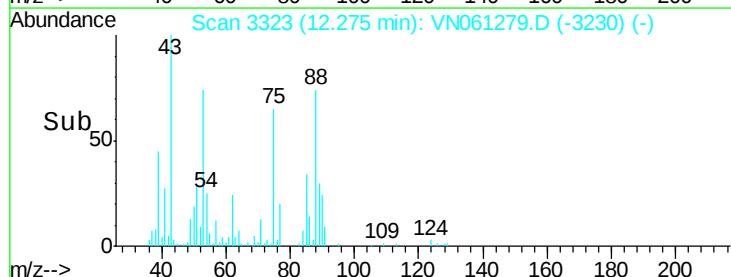
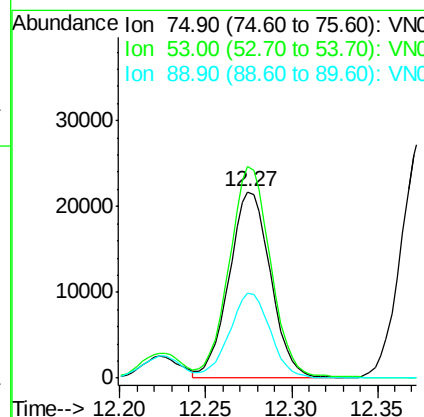
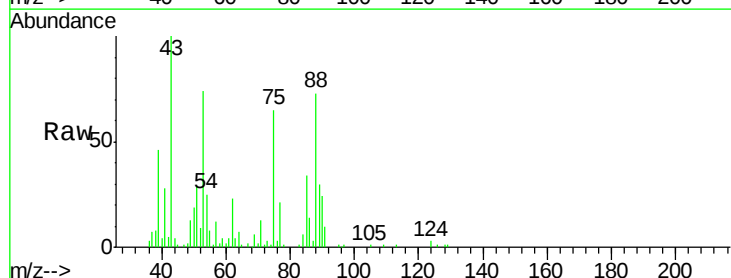
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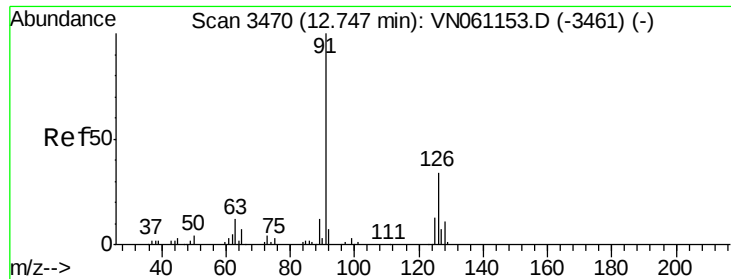
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.862 ug/l
 RT: 12.27 min Scan# 3323
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	36666		
53	113.6	84.1	126.1	
89	44.6	35.2	52.8	





#82

4-Chlorotoluene

Concen: 52.303 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MSD

Tot Ion: 91 Resp: 236051

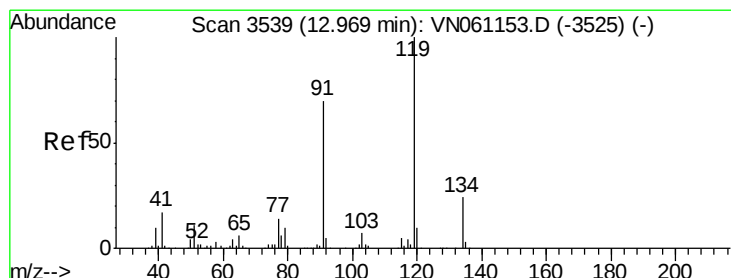
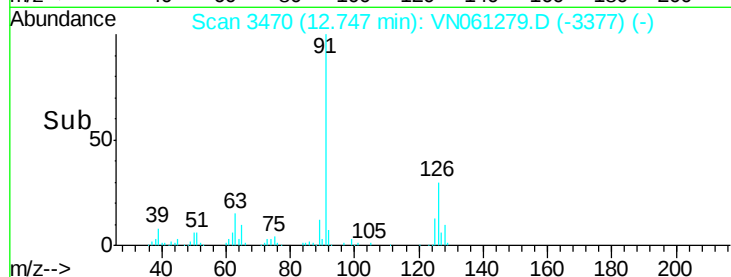
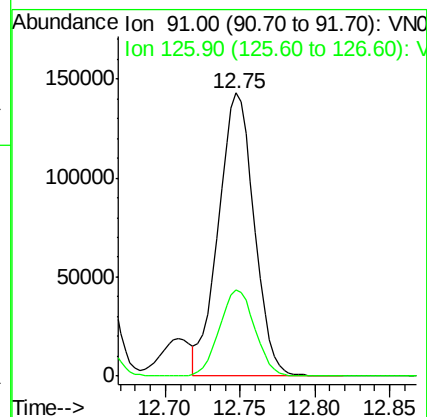
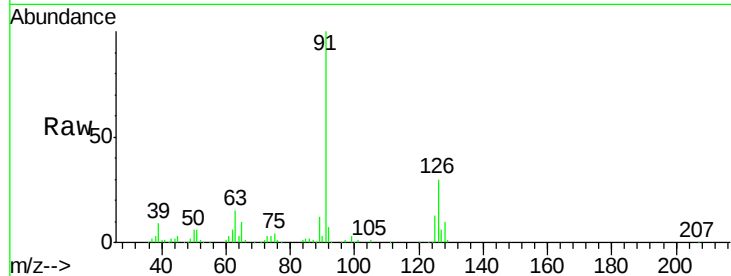
Ion Ratio Lower Upper

91 100

126 30.6 15.7 47.1

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#83

tert-Butylbenzene

Concen: 55.068 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

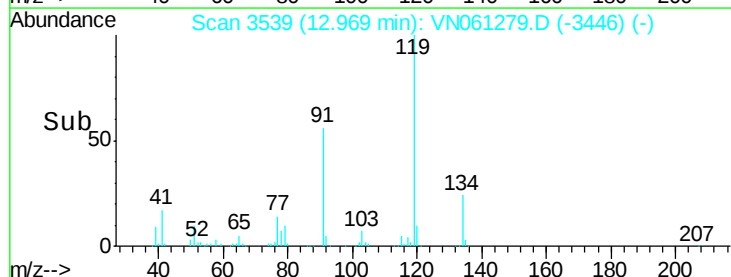
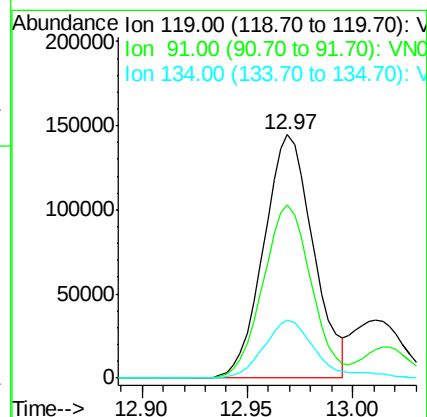
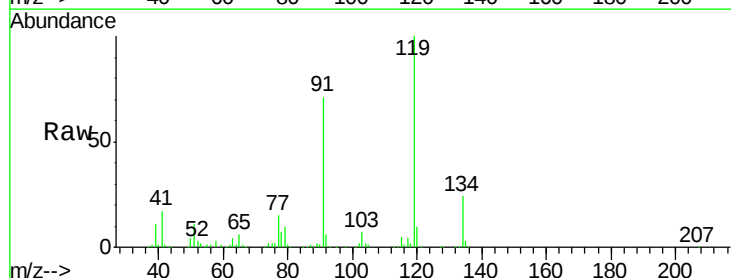
Tgt Ion: 119 Resp: 236050

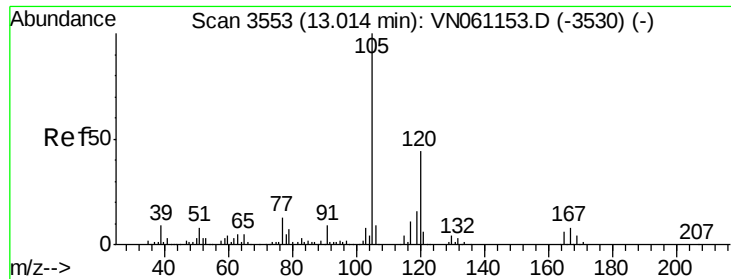
Ion Ratio Lower Upper

119 100

91 69.9 34.8 104.4

134 25.1 12.9 38.7





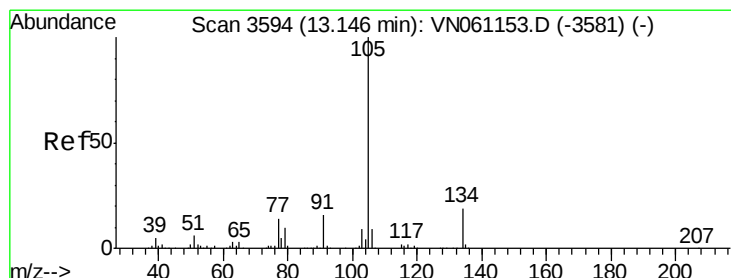
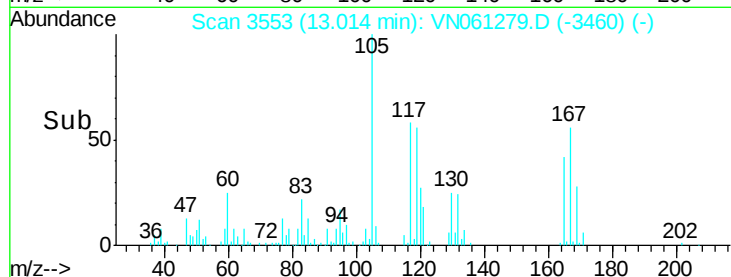
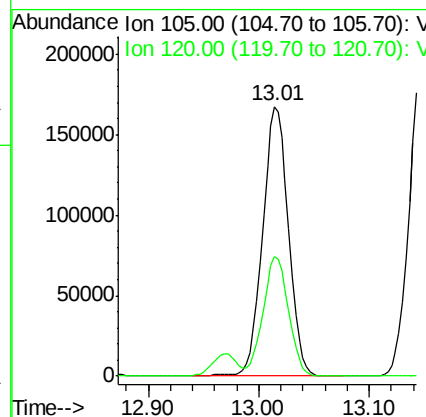
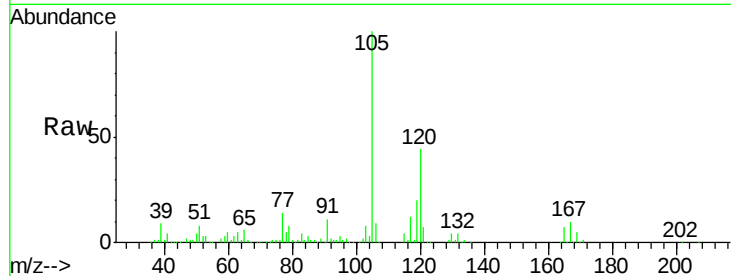
#84
 1,2,4-Trimethylbenzene
 Concen: 51.782 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.2	66.6

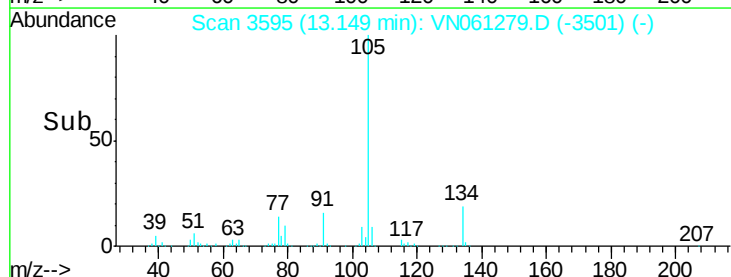
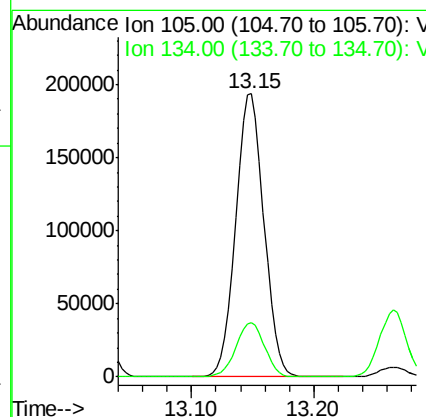
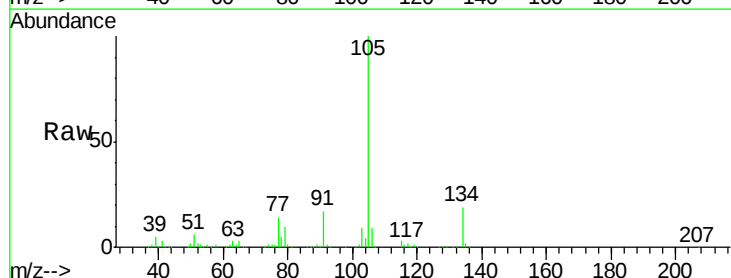
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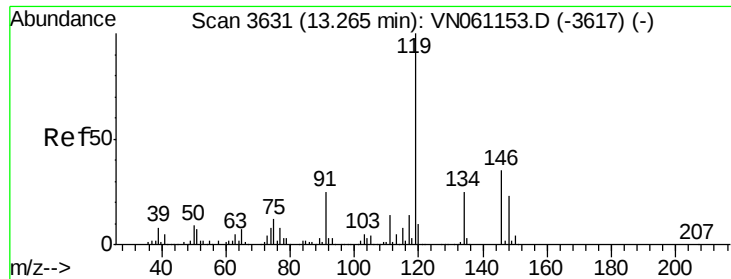
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 53.340 ug/l
 RT: 13.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.6	28.8





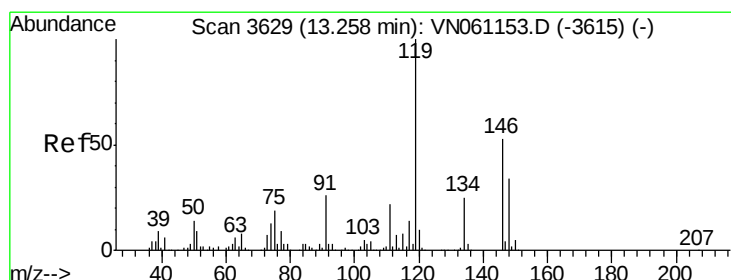
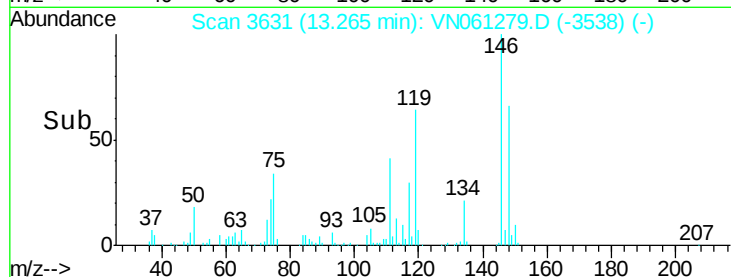
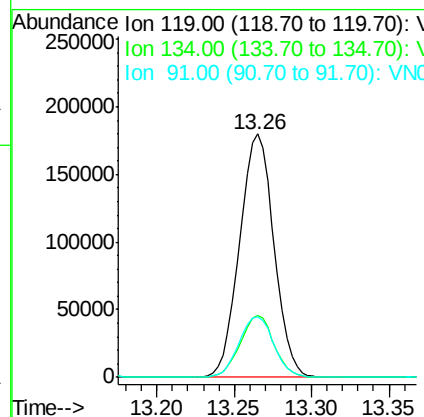
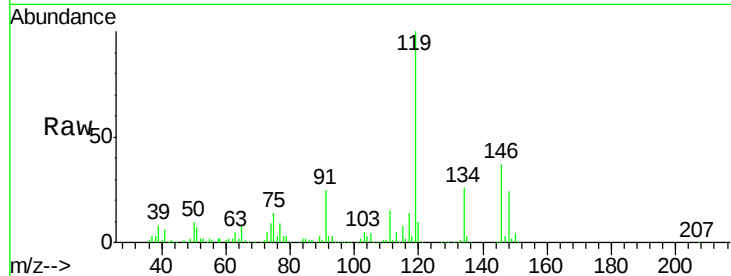
#86
p-Isopropyltoluene
Concen: 52.494 ug/l
RT: 13.26 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	276405		
134	25.2	12.6	37.6	
91	25.3	12.7	38.0	

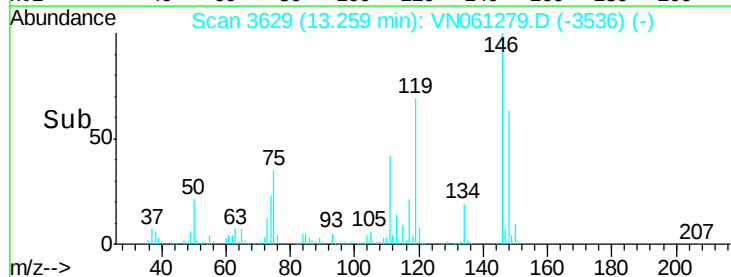
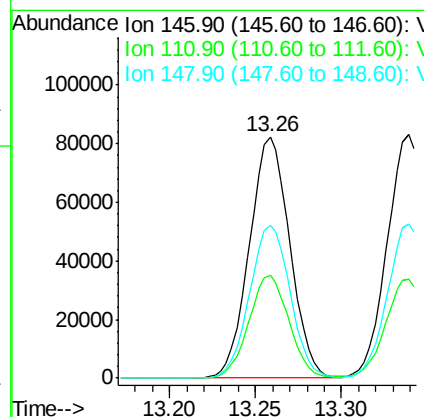
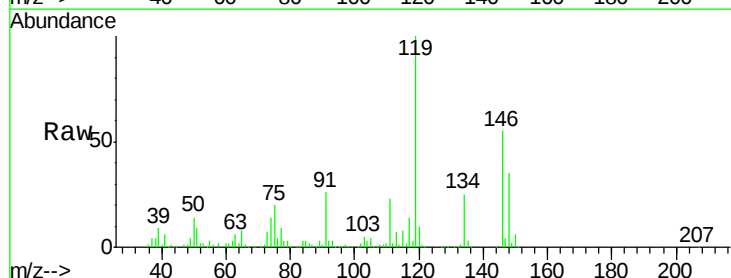
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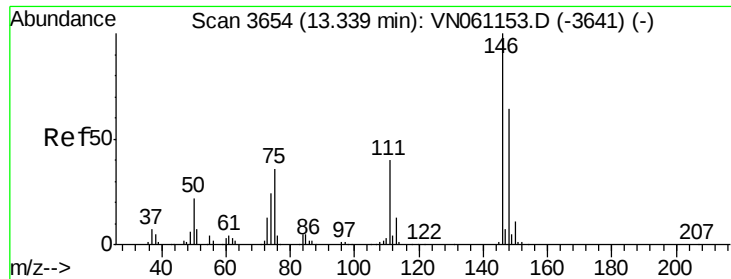
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#87
1,3-Dichlorobenzene
Concen: 51.300 ug/l
RT: 13.26 min Scan# 3629
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	133901		
111	42.3	20.7	62.1	
148	63.7	31.8	95.3	





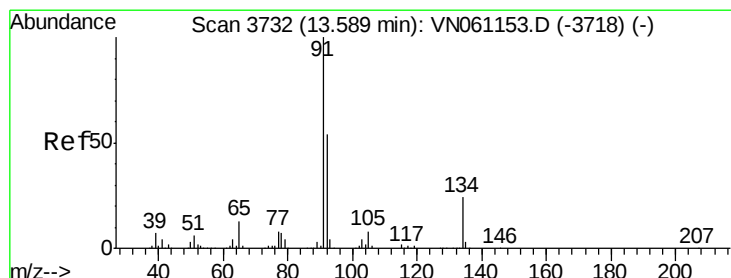
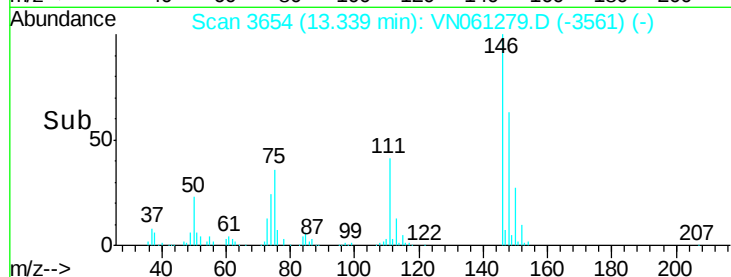
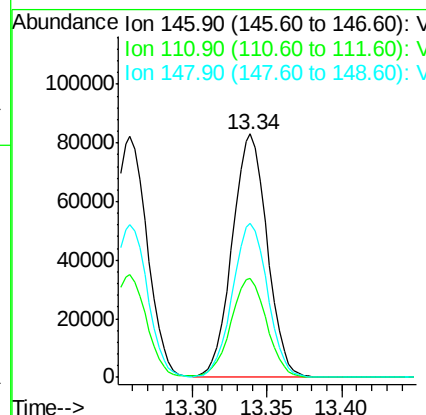
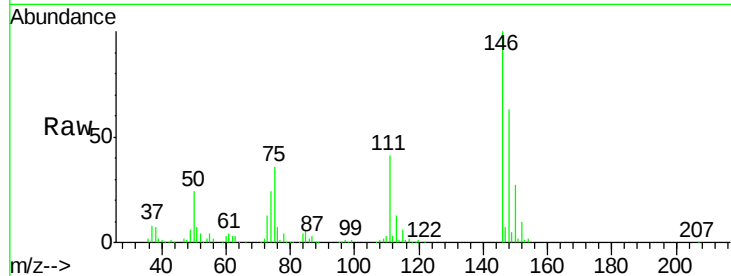
#88
 1,4-Dichlorobenzene
 Concen: 50.705 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	135227		
111	41.8	20.4	61.3	
148	63.7	31.9	95.7	

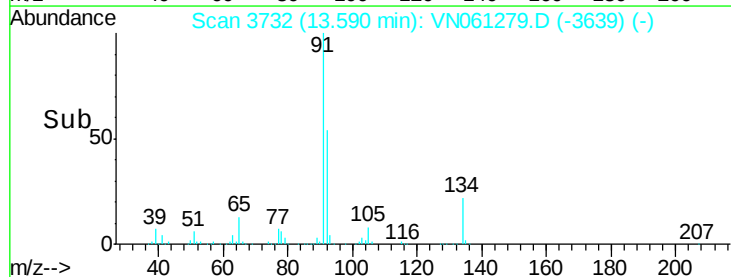
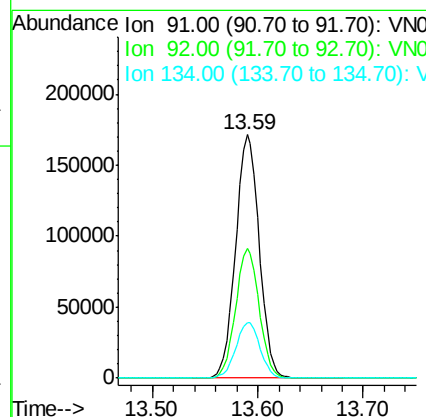
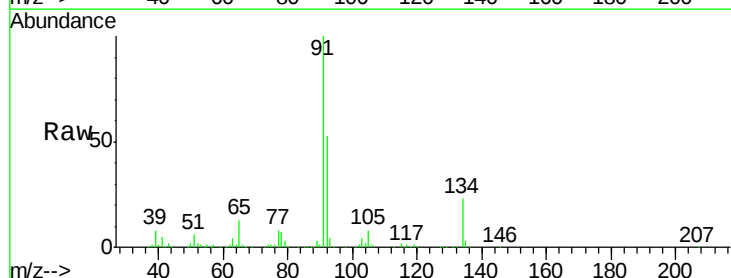
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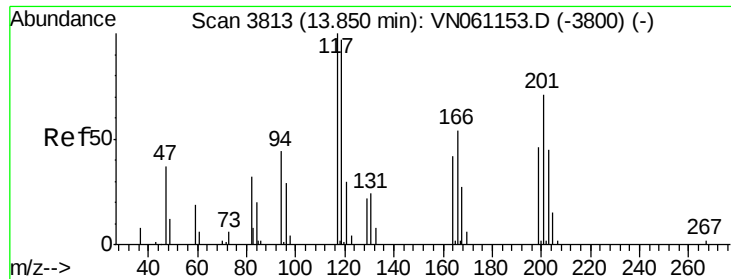
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#89
 n-Butylbenzene
 Concen: 55.040 ug/l
 RT: 13.59 min Scan# 3732
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	265683		
92	52.9	26.8	80.3	
134	23.5	11.9	35.5	





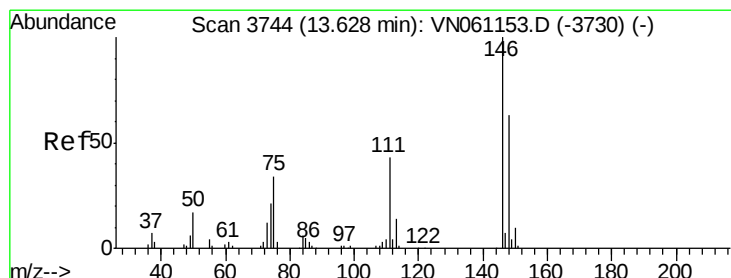
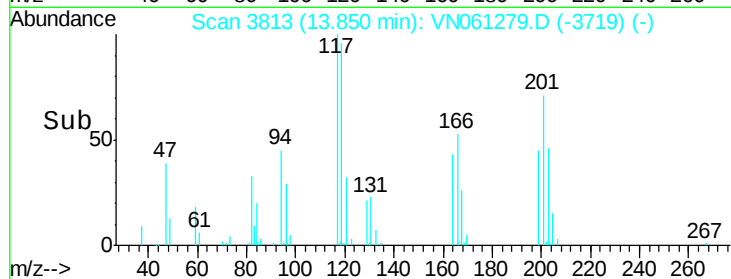
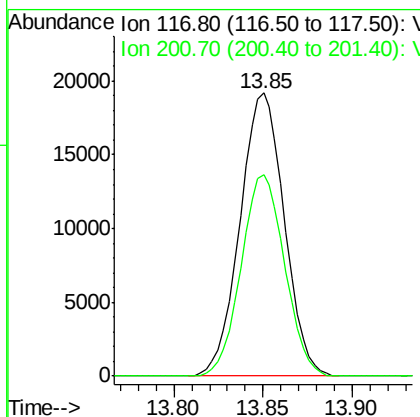
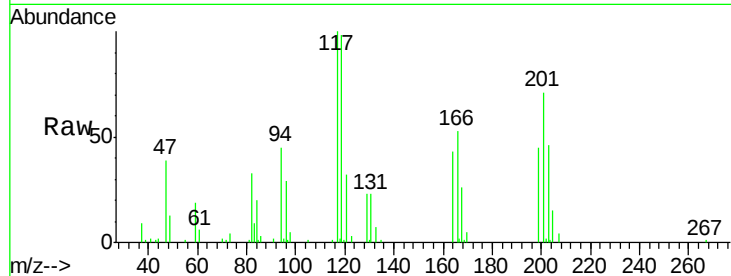
#90
Hexachloroethane
Concen: 58.885 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MSD

Tot Ion:117 Resp: 33219
Ion Ratio Lower Upper
117 100
201 70.0 35.5 106.7

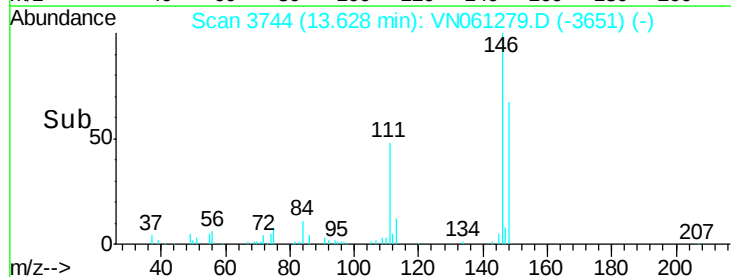
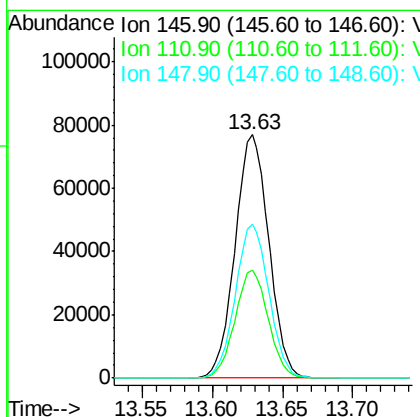
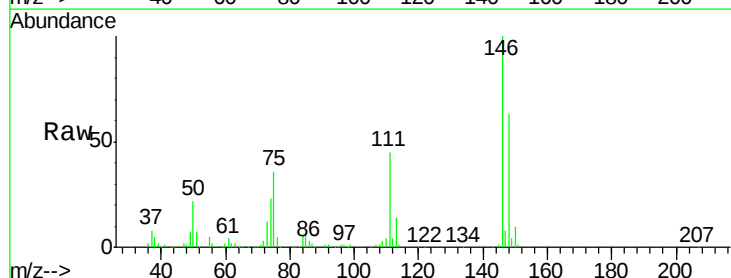
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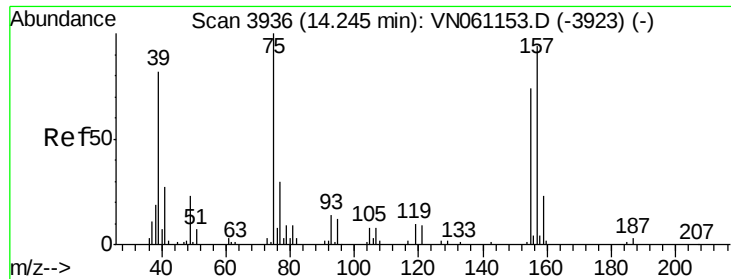
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#91
1,2-Dichlorobenzene
Concen: 51.670 ug/l
RT: 13.63 min Scan# 3744
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion:146 Resp: 129316
Ion Ratio Lower Upper
146 100
111 43.8 21.8 65.3
148 62.6 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.324 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

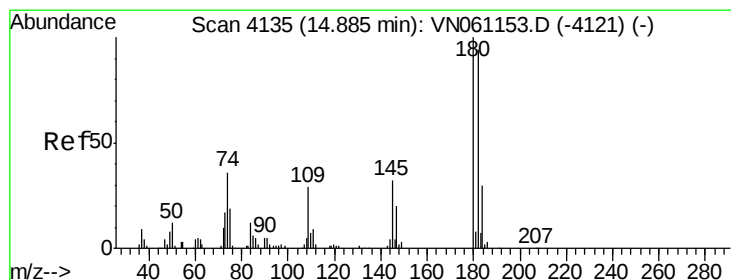
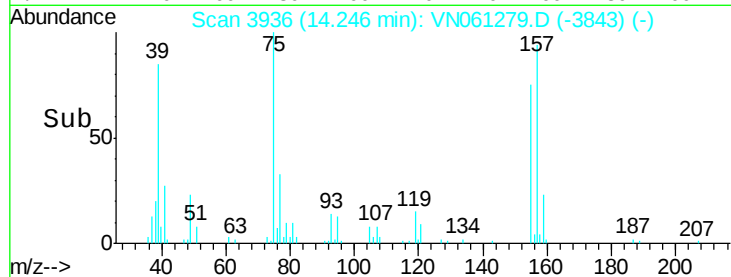
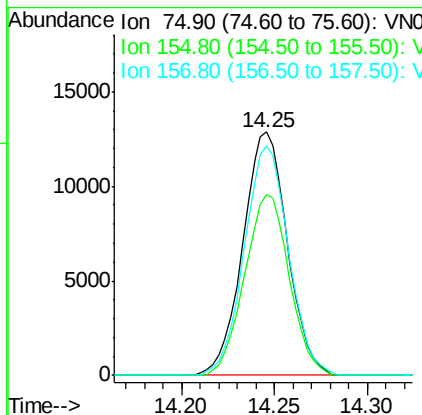
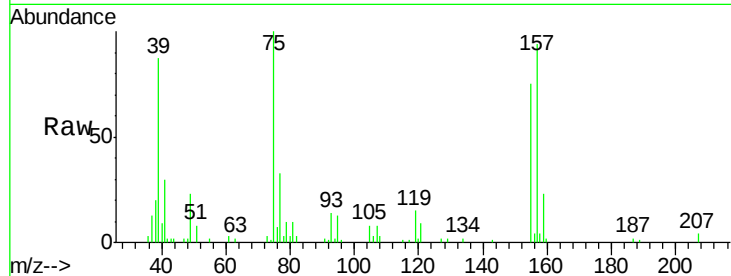
ClientSampleId :

SS040MW015-200428MSD

Tot Ion:	75	Resp:	21569
Ion	Ratio	Lower	Upper
75	100		
155	74.2	36.5	109.7
157	93.6	46.6	139.7

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#93

1,2,4-Trichlorobenzene

Concen: 51.104 ug/l

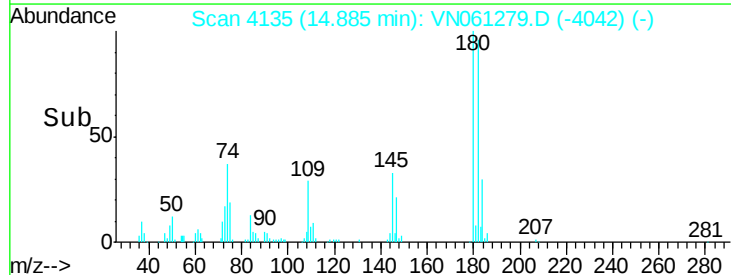
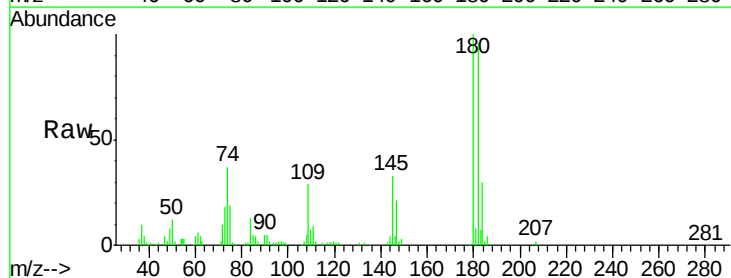
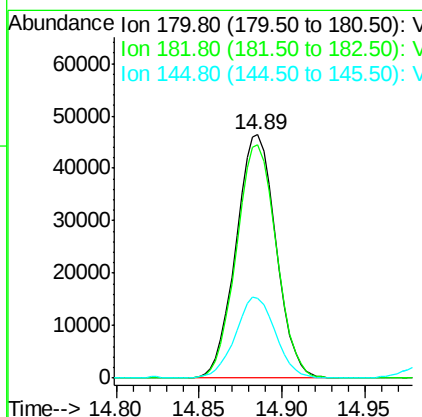
RT: 14.89 min Scan# 4135

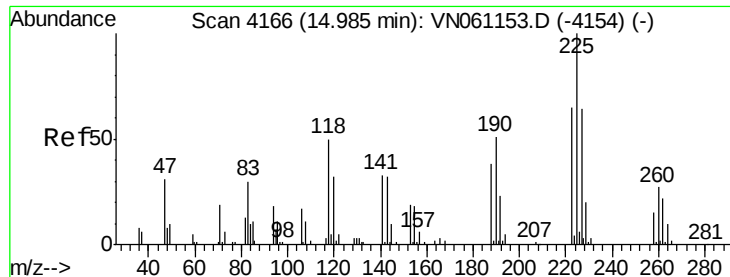
Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Tgt Ion:	180	Resp:	77884
Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	141.9
145	33.4	16.0	47.9





#94

Hexachlorobutadiene

Concen: 53.511 ug/l

RT: 14.99 min Scan# 4166

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

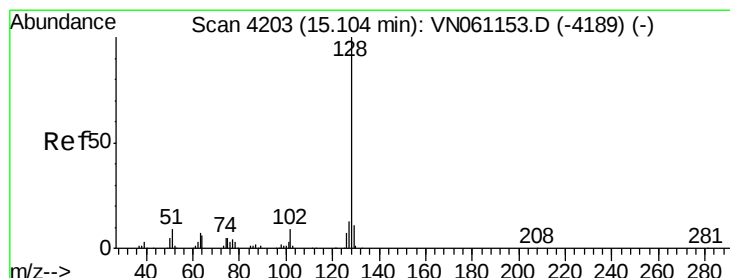
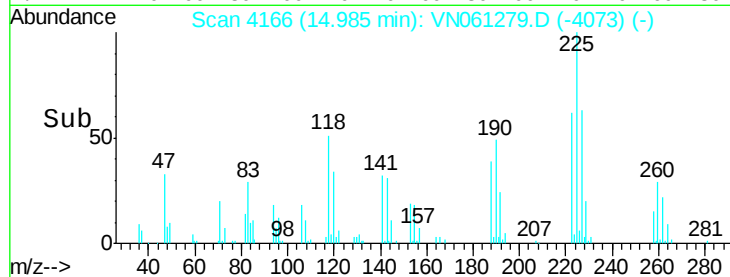
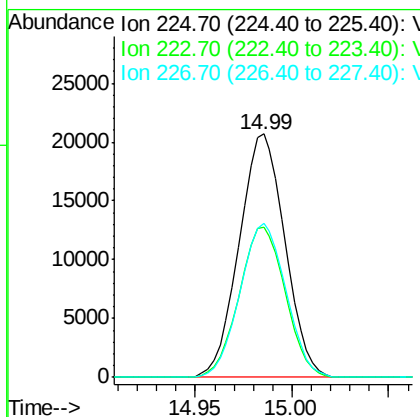
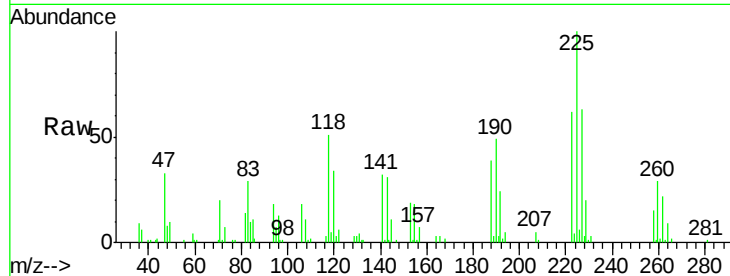
ClientSampleId :

SS040MW015-200428MSD

Tot Ion:	225	Resp:	34070
Ion Ratio		Lower	Upper
225	100		
223	62.2	32.4	97.0
227	63.5	32.4	97.0

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:36:17 AM



#95

Naphthalene

Concen: 51.143 ug/l

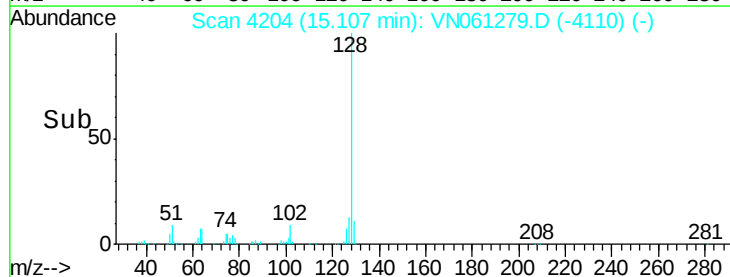
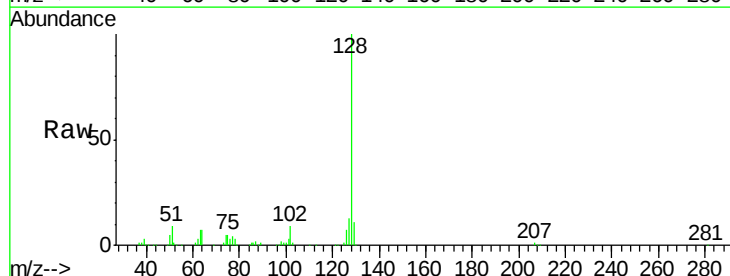
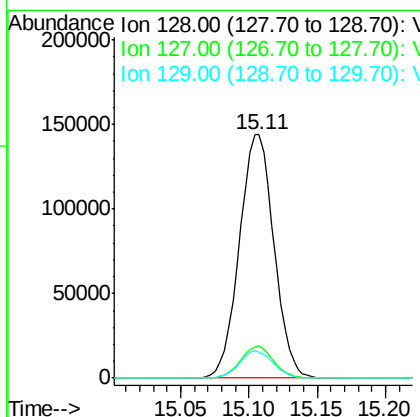
RT: 15.11 min Scan# 4204

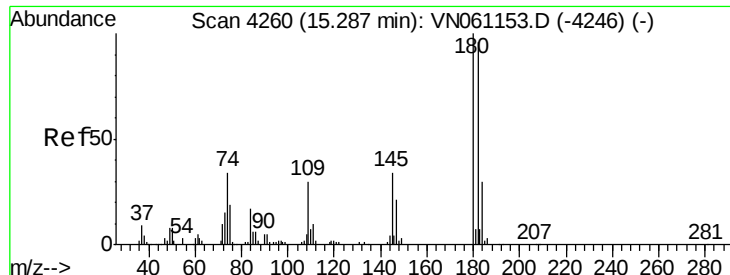
Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Tgt Ion:	128	Resp:	253838
Ion Ratio		Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.9	8.7	13.1





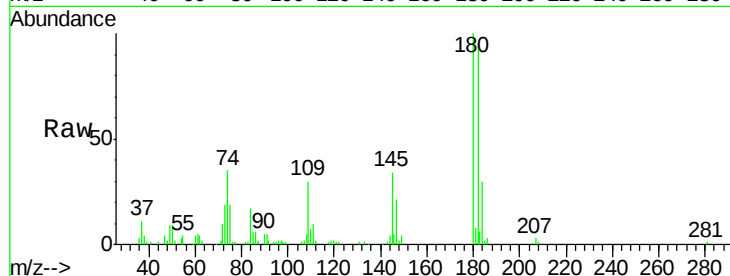
#96
 1,2,3-Trichlorobenzene
 Concen: 51.108 ug/l
 RT: 15.28 min Scan# 4259
 Delta R.T. -0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MSD

Tot Ion:	180	Resp:	76901
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.5	142.5
145	34.6	16.9	50.7

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:36:17 AM



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

