

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061197.D
 Acq On : 29 Apr 2020 17:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 2:11:03 PM

Quant Time: Apr 30 03:40:29 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	97659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	166303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	159194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	78360	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	7.55	113	50233	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.06	98	211293	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.37	95	80053	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52223	50.428	ug/l	99
3) Chloromethane	2.03	50	61570	49.090	ug/l	97
4) Vinyl Chloride	2.16	62	71122	49.925	ug/l	99
5) Bromomethane	2.53	94	34629	49.176	ug/l	99
6) Chloroethane	2.67	64	45391	50.270	ug/l	100
7) Trichlorofluoromethane	2.98	101	82408	51.274	ug/l	97
8) Diethyl Ether	3.37	74	33362	49.765	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50378	48.655	ug/l	100
10) Methyl Iodide	3.91	142	62769	47.171	ug/l	99
11) Tert butyl alcohol	4.73	59	55741	269.280	ug/l	99
12) 1,1-Dichloroethene	3.69	96	49335	47.880	ug/l	96
13) Acrolein	3.56	56	30728	222.754	ug/l	99
14) Allyl chloride	4.27	41	100236	52.466	ug/l	98
15) Acrylonitrile	4.93	53	159601	251.167	ug/l	99
16) Acetone	3.77	43	142269	237.786	ug/l	100
17) Carbon Disulfide	4.01	76	133321	46.841	ug/l	99
18) Methyl Acetate	4.27	43	85349	43.840	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	187267	47.563	ug/l	100
20) Methylene Chloride	4.50	84	57222	47.490	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	55227	49.222	ug/l	99
22) Diisopropyl ether	5.90	45	213694	48.234	ug/l	99
23) Vinyl Acetate	5.84	43	888490	249.072	ug/l	99
24) 1,1-Dichloroethane	5.80	63	112045	48.405	ug/l	99
25) 2-Butanone	6.78	43	229031	250.476	ug/l	99
26) 2,2-Dichloropropane	6.78	77	95093	48.773	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64430	48.934	ug/l	100
28) Bromochloromethane	7.15	49	52479	47.832	ug/l	100
29) Tetrahydrofuran	7.17	42	156881	254.698	ug/l	99
30) Chloroform	7.33	83	114654	48.877	ug/l	99
31) Cyclohexane	7.61	56	101162	45.001	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	100722	49.309	ug/l	99
36) 1,1-Dichloropropene	7.75	75	85415	51.307	ug/l	99
37) Ethyl Acetate	6.88	43	97544	49.980	ug/l	99
38) Carbon Tetrachloride	7.73	117	76379	50.272	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	94732	50.741	ug/l	100
40) Benzene	8.00	78	247647	49.931	ug/l	98
41) Methacrylonitrile	7.13	41	42575m	52.540	ug/l	
42) 1,2-Dichloroethane	8.08	62	97599	51.944	ug/l	98
43) Isopropyl Acetate	8.13	43	163926	50.610	ug/l #	92
44) Trichloroethene	8.80	130	64641	48.212	ug/l	98
45) 1,2-Dichloropropane	9.08	63	65698	49.582	ug/l	99
46) Dibromomethane	9.17	93	43433	52.939	ug/l	99
47) Bromodichloromethane	9.37	83	91686	52.066	ug/l	100
48) Methyl methacrylate	9.17	41	76484	52.329	ug/l	96
49) 1,4-Dioxane	9.17	88	20068	1209.567	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	505349	265.062	ug/l	100
52) Toluene	10.12	92	154531	51.727	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	103568	52.196	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	106167	50.610	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	60228	50.544	ug/l	99
56) Ethyl methacrylate	10.40	69	97432	47.090	ug/l	99
57) 1,3-Dichloropropane	10.68	76	107894	51.513	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	249437	258.610	ug/l	99
59) 2-Hexanone	10.72	43	375344	270.608	ug/l	99
60) Dibromochloromethane	10.87	129	65970	52.860	ug/l	100
61) 1,2-Dibromoethane	10.98	107	63047	52.789	ug/l	99
64) Tetrachloroethene	10.60	164	65967	47.844	ug/l	99
65) Chlorobenzene	11.41	112	159098	50.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	59827	52.933	ug/l	98
67) Ethyl Benzene	11.48	91	303245	51.297	ug/l	100
68) m/p-Xylenes	11.60	106	222658	102.902	ug/l	98
69) o-Xylene	11.92	106	106240	51.115	ug/l	99
70) Styrene	11.94	104	181906	52.291	ug/l	99
71) Bromoform	12.10	173	45658	54.966	ug/l #	100
73) Isopropylbenzene	12.22	105	291084	48.276	ug/l	100
74) N-amyl acetate	12.04	43	149770	49.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	92632	49.270	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	84016m	48.588	ug/l	
77) Bromobenzene	12.50	156	66955	48.104	ug/l	98
78) n-propylbenzene	12.56	91	349305	48.842	ug/l	100
79) 2-Chlorotoluene	12.65	91	203362	48.378	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	246921	49.479	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	33698	49.490	ug/l	98
82) 4-Chlorotoluene	12.75	91	216781	48.930	ug/l	99
83) tert-Butylbenzene	12.97	119	206598	49.097	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	250963	48.812	ug/l	100
85) sec-Butylbenzene	13.15	105	283958	49.496	ug/l	99
86) p-Isopropyltoluene	13.26	119	257513	49.819	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	124702	48.667	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	125286	47.855	ug/l	100
89) n-Butylbenzene	13.59	91	237126	50.041	ug/l	99
90) Hexachloroethane	13.85	117	26925	49.949	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	120793	49.165	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20538	51.723	ug/l	98

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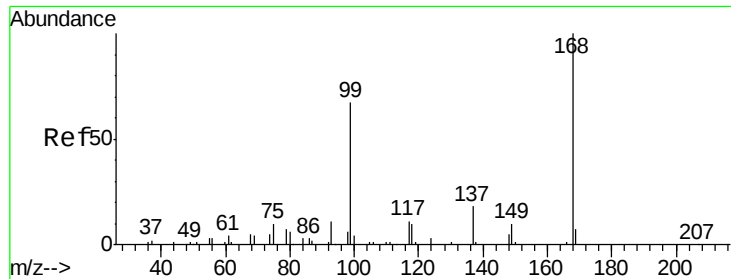
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	71057	47.494	ug/l	100
94) Hexachlorobutadiene	14.98	225	31018	49.627	ug/l	97
95) Naphthalene	15.10	128	232948	47.810	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	69947	47.354	ug/l	100

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



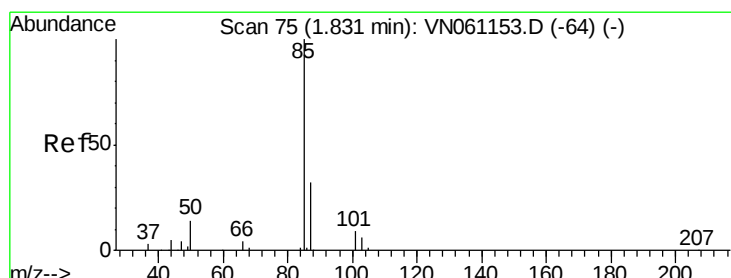
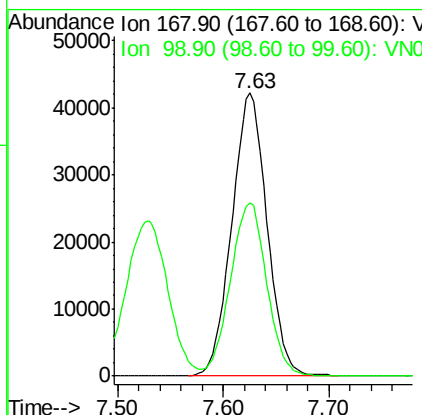
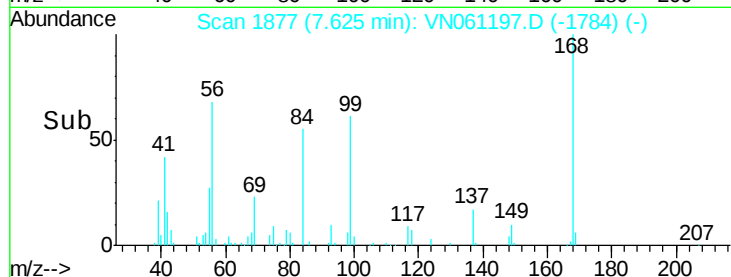
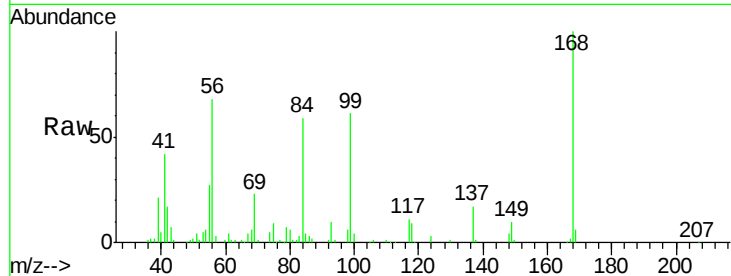
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	61.3	51.2	76.8	

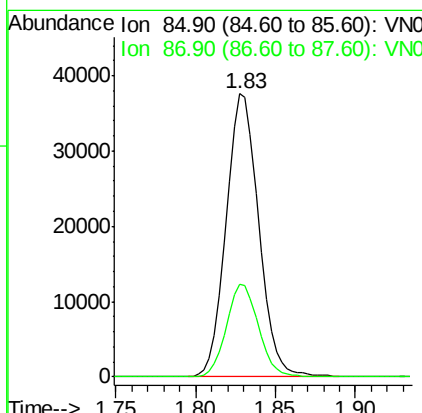
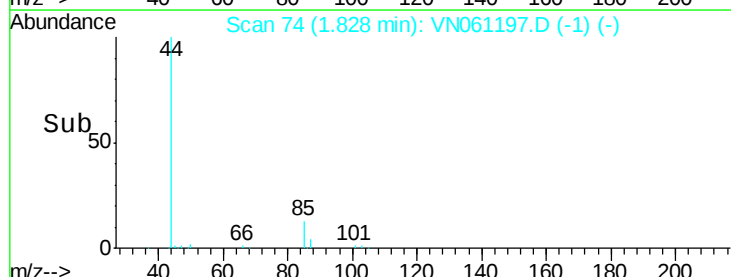
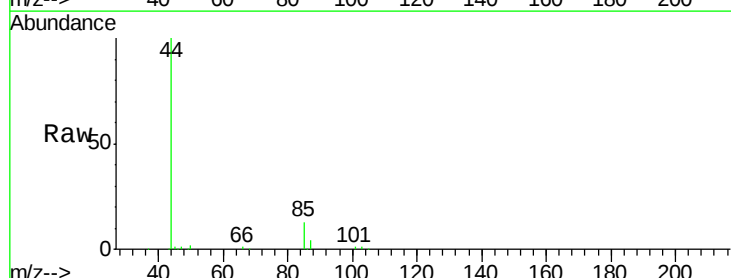
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#2
 Dichlorodifluoromethane
 Concen: 50.428 ug/l
 RT: 1.83 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	32.8	16.1	48.2	





#3

Chloromethane

Concen: 49.090 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 61570

Ion Ratio Lower Upper

50 100

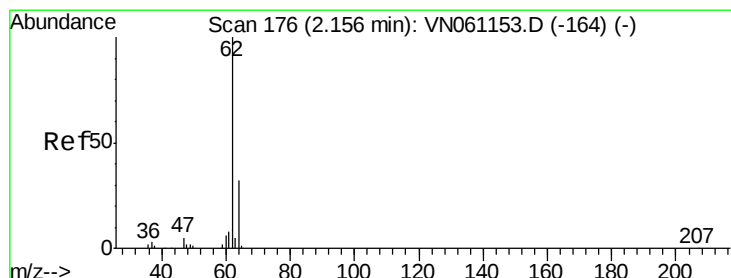
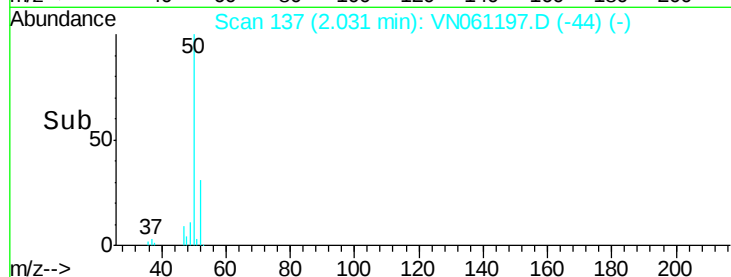
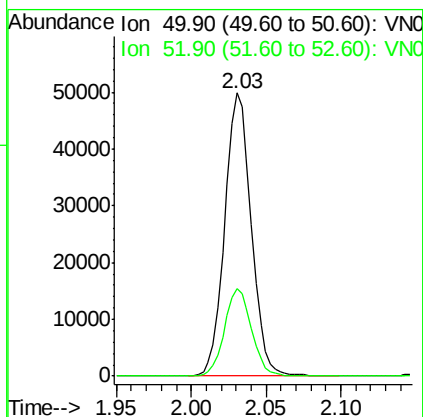
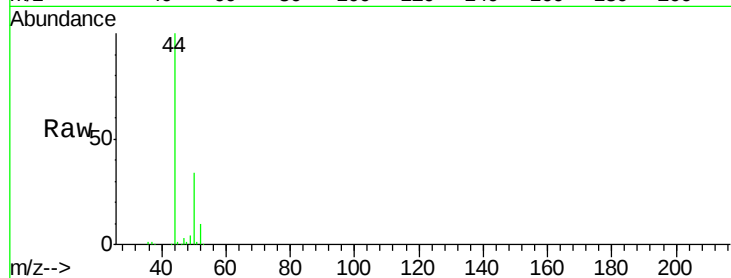
52 30.8 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.925 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061197.D

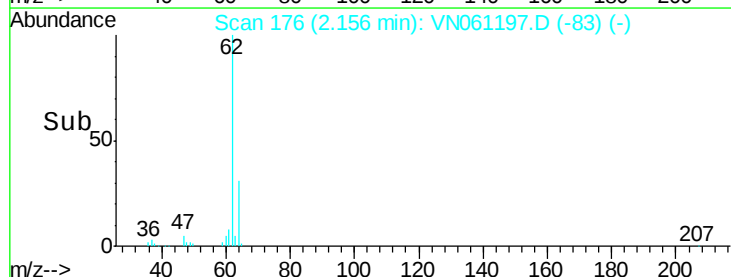
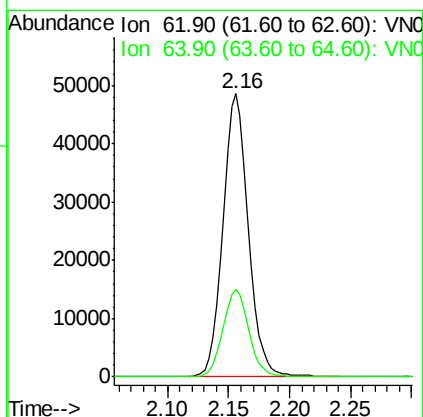
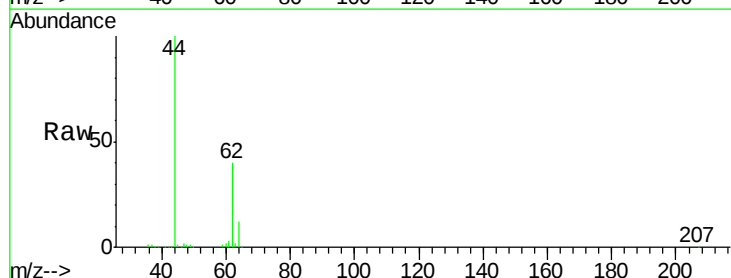
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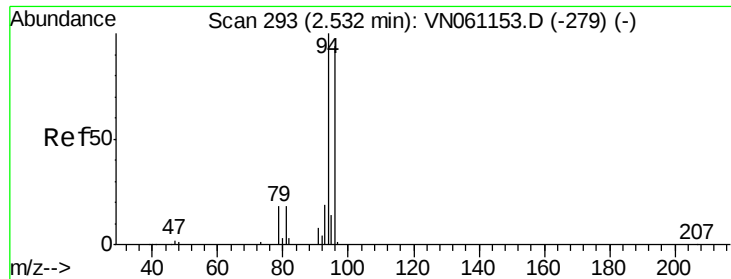
Tgt Ion: 62 Resp: 71122

Ion Ratio Lower Upper

62 100

64 31.0 25.2 37.8





#5

Bromomethane

Concen: 49.176 ug/l

RT: 2.53 min Scan# 291

Delta R.T. -0.01 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 34629

Ion Ratio Lower Upper

94 100

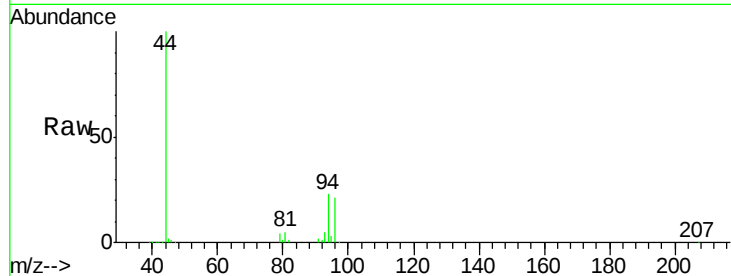
96 92.5 75.1 112.7

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Abundance Ion 93.90 (93.60 to 94.60): VN061153.D (-279) (-)

Ion 95.90 (95.60 to 96.60): VN061153.D (-279) (-)

2.53

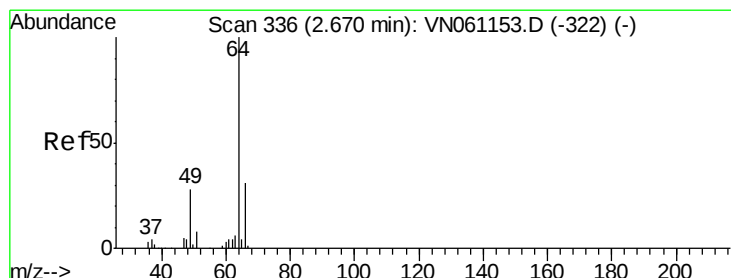
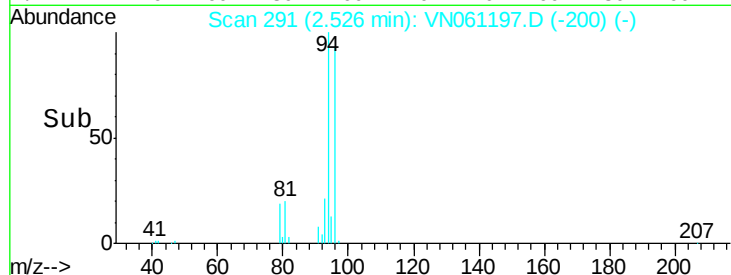
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 50.270 ug/l

RT: 2.67 min Scan# 335

Delta R.T. -0.00 min

Lab File: VN061197.D

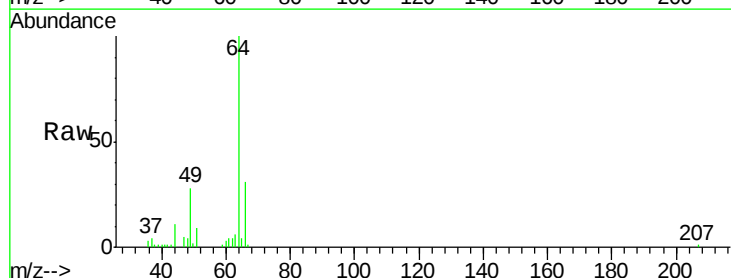
Acq: 29 Apr 2020 17:19

Tgt Ion: 64 Resp: 45391

Ion Ratio Lower Upper

64 100

66 30.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN061153.D (-322) (-)

Ion 65.90 (65.60 to 66.60): VN061153.D (-322) (-)

2.67

25000

20000

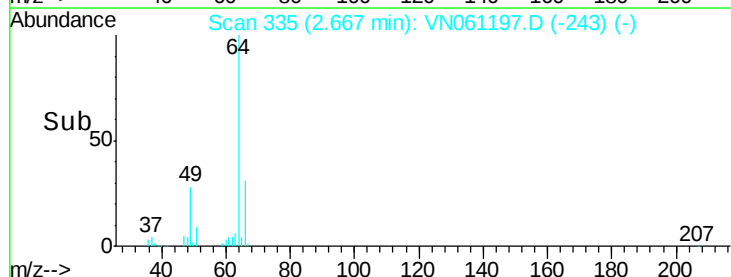
15000

10000

5000

0

Time-->





#7

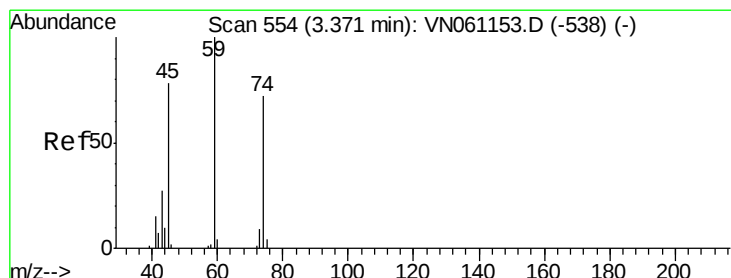
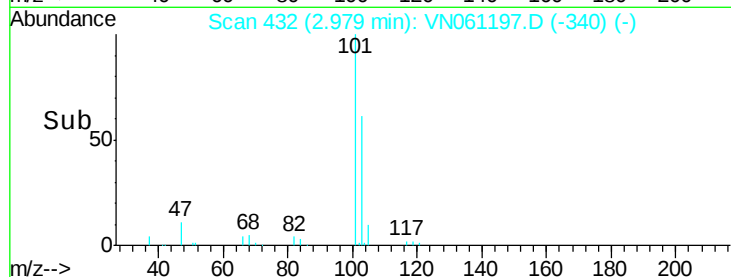
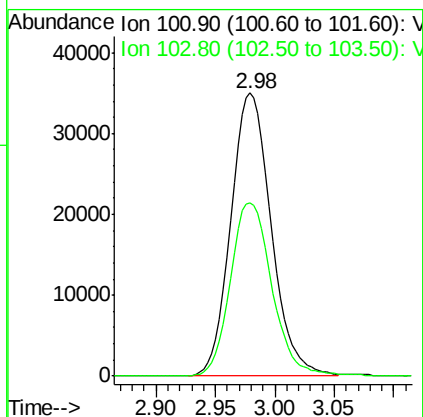
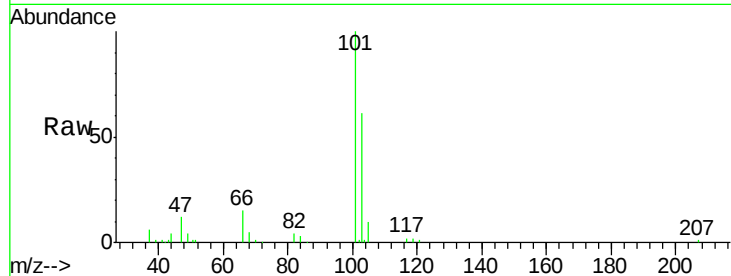
Trichlorofluoromethane
Concen: 51.274 ug/l
RT: 2.98 min Scan# 432
Delta R.T. -0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	50.6	76.0

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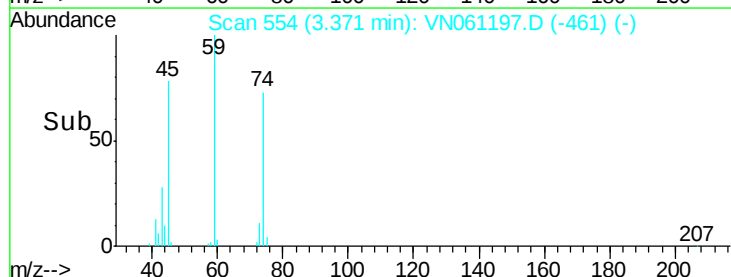
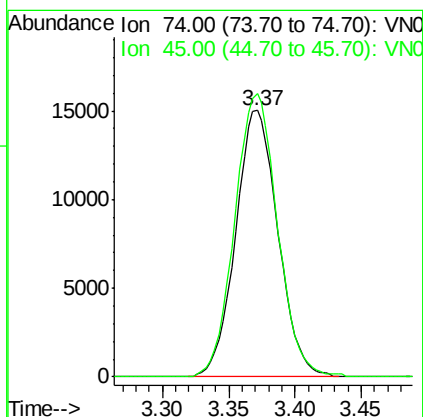
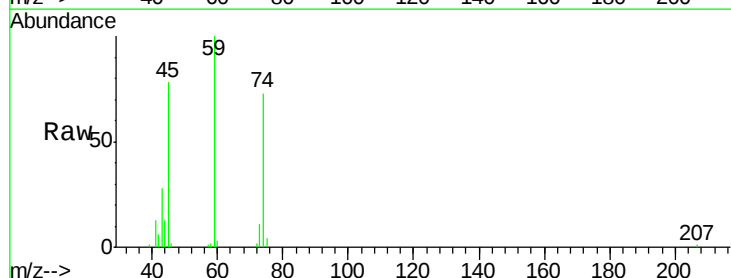
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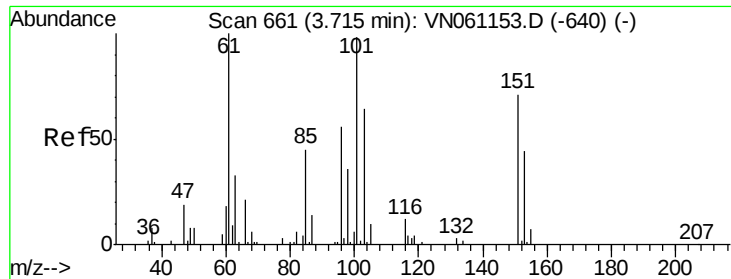


#8

Diethyl Ether
Concen: 49.765 ug/l
RT: 3.37 min Scan# 554
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.4	53.3	160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.655 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

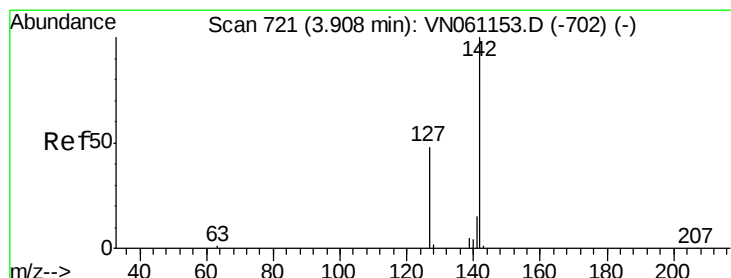
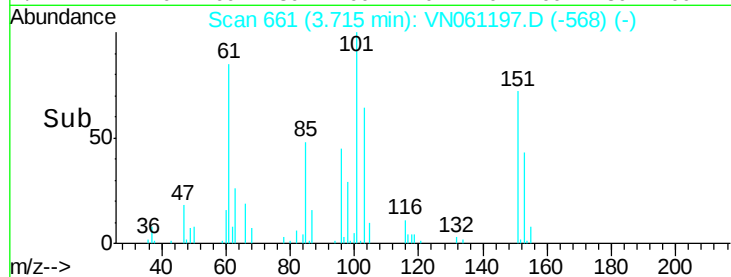
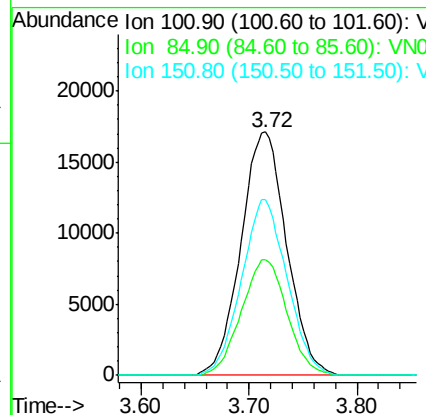
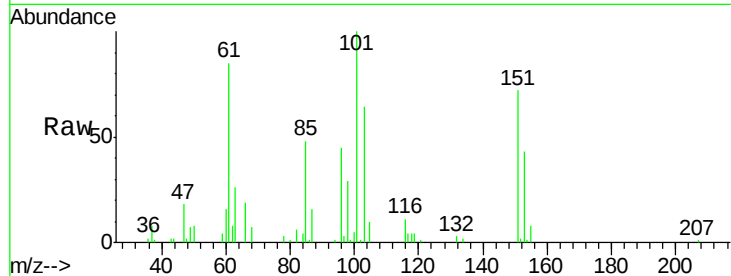
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	50378
Ion Ratio	Lower	Upper	
101	100		
85	47.2	37.2	55.8
151	72.0	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 47.171 ug/l

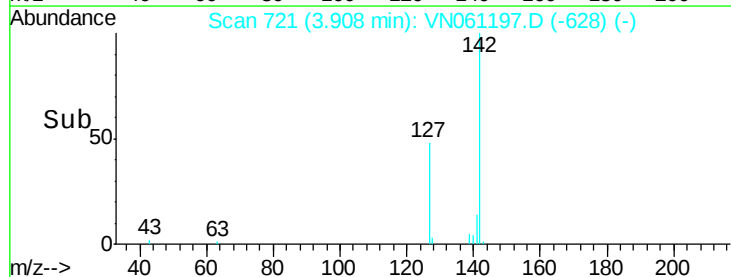
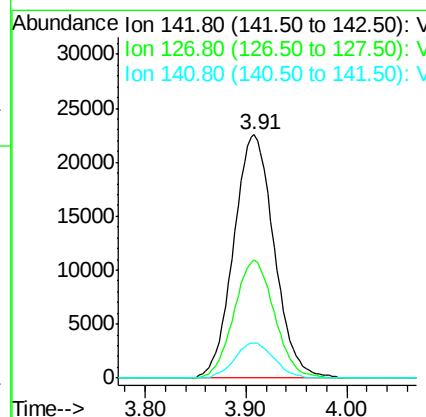
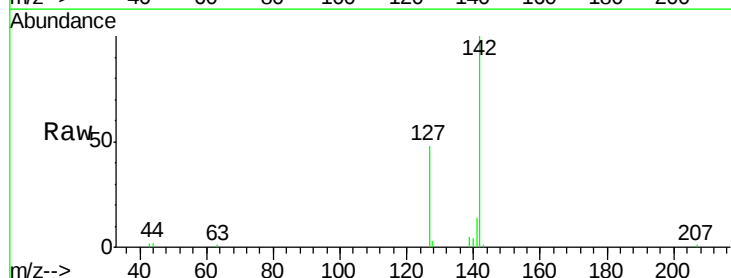
RT: 3.91 min Scan# 721

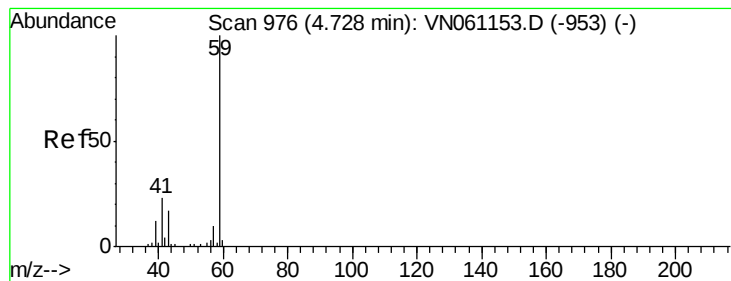
Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Tgt Ion:	142	Resp:	62769
Ion Ratio	Lower	Upper	
142	100		
127	48.2	38.0	57.0
141	14.2	11.7	17.5





#11

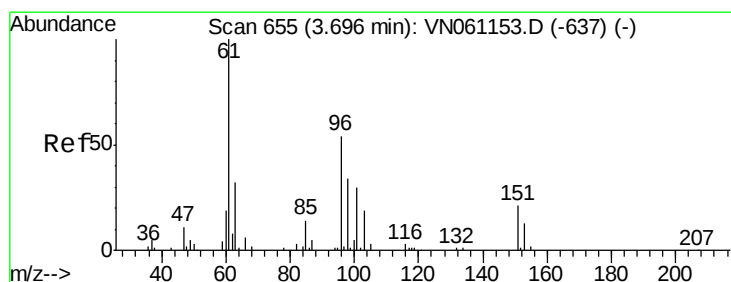
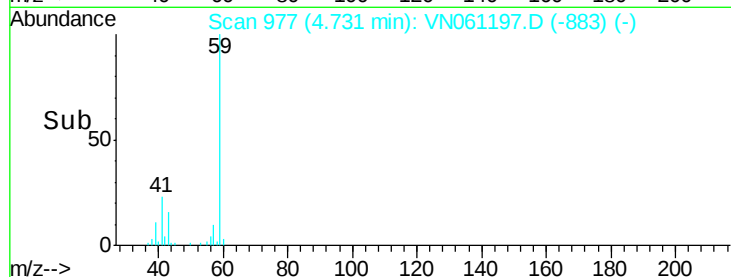
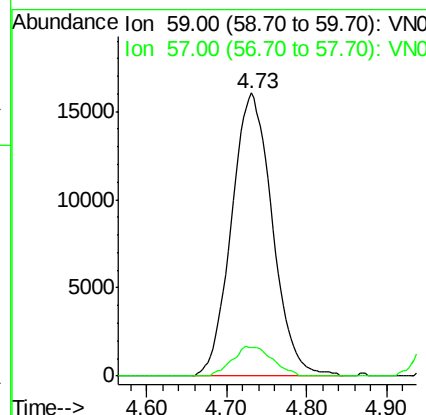
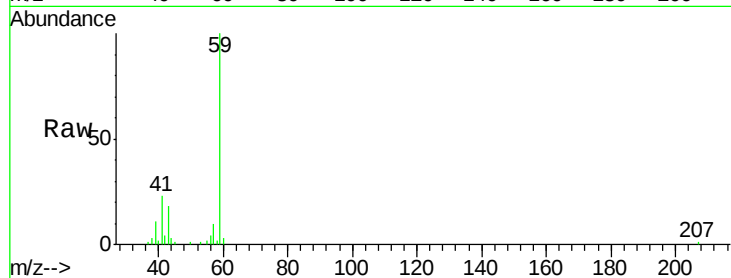
Tert butyl alcohol
 Concen: 269.280 ug/l
 RT: 4.73 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

Manual Integrations
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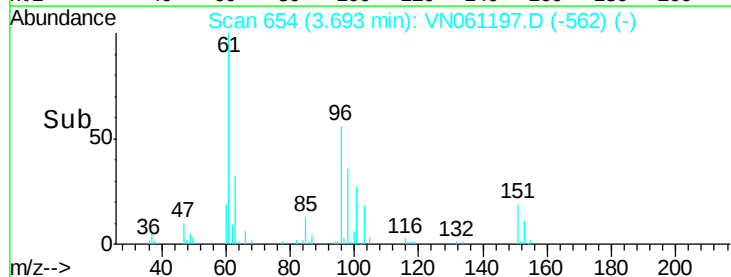
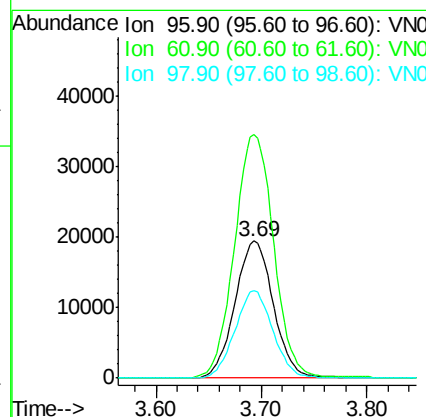
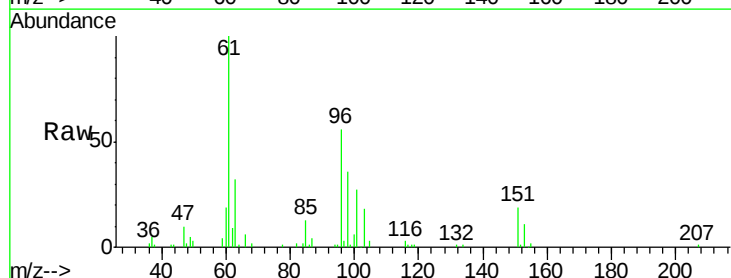
MMDadoda
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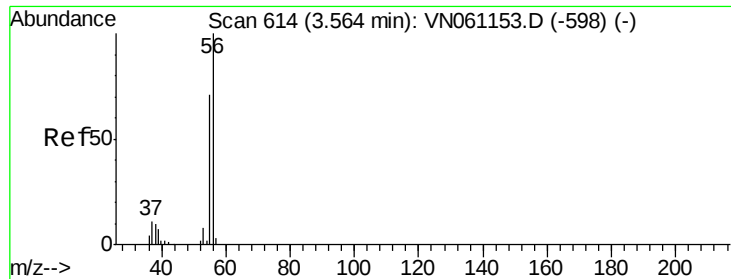


#12

1,1-Dichloroethene
 Concen: 47.880 ug/l
 RT: 3.69 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.3	147.0	220.6
98	63.4	49.8	74.6





#13

Acrolein

Concen: 222.754 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 30728

Ion Ratio Lower Upper

56 100

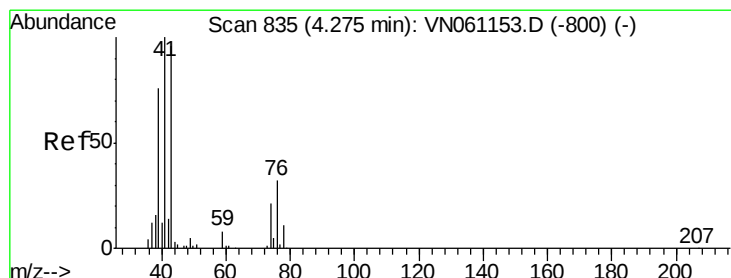
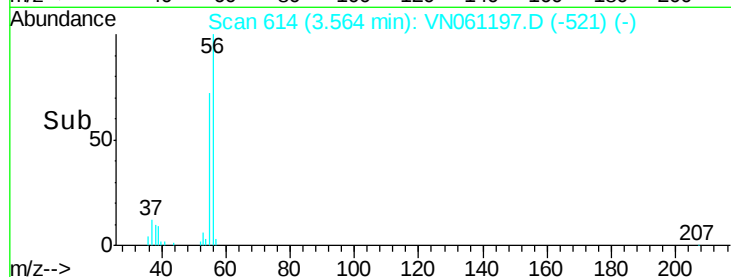
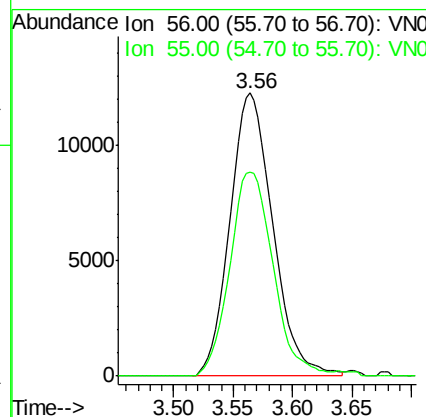
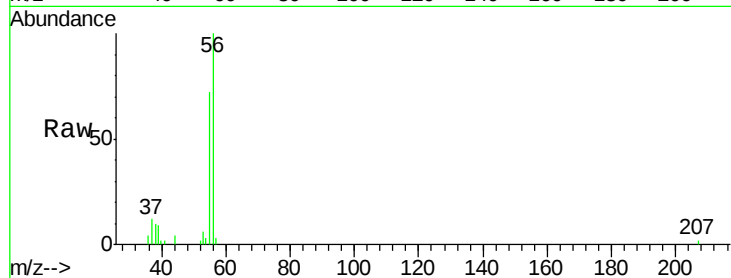
55 72.6 58.5 87.7

Manual Integrations

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#14

Allyl chloride

Concen: 52.466 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

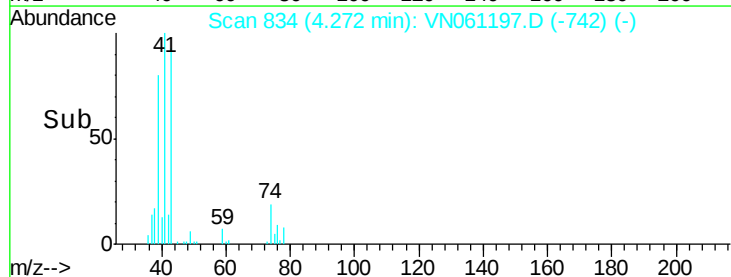
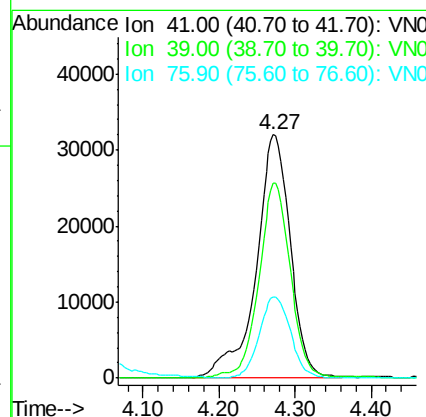
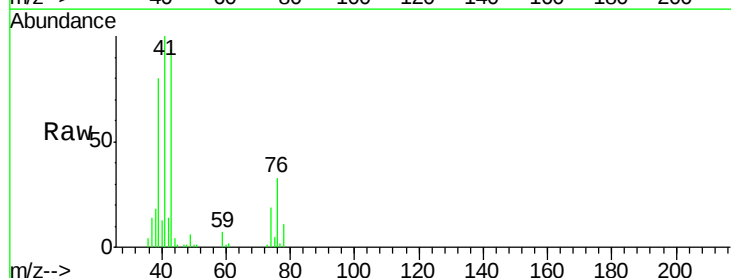
Tgt Ion: 41 Resp: 100236

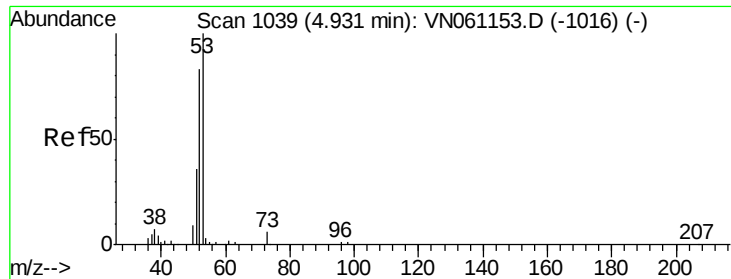
Ion Ratio Lower Upper

41 100

39 73.8 57.1 85.7

76 30.4 24.3 36.5





#15

Acrylonitrile

Concen: 251.167 ug/l

RT: 4.93 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

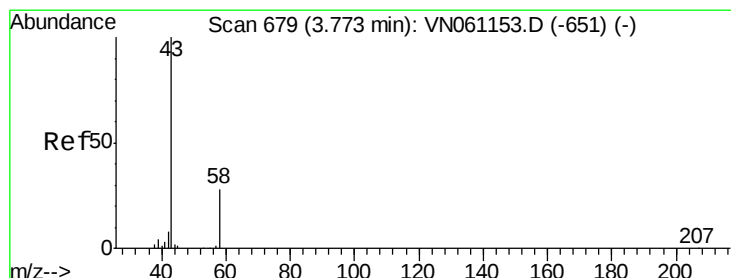
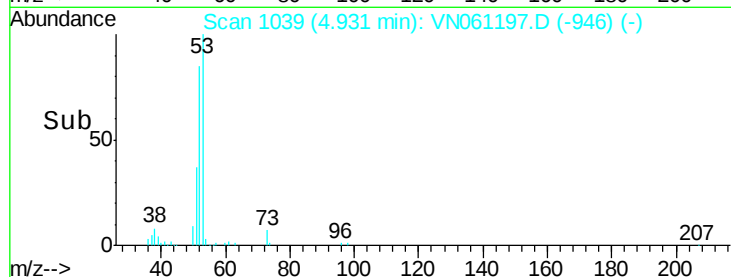
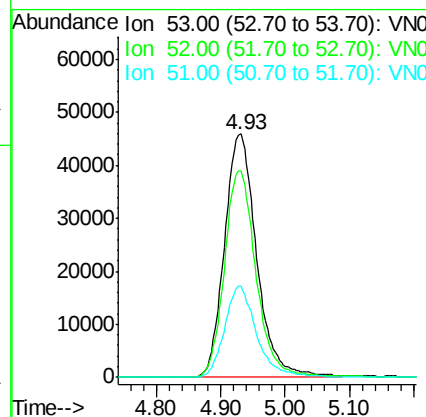
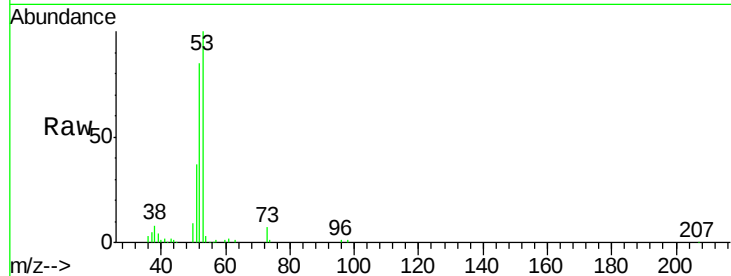
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	159601
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.4	98.0
51	37.2	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 237.786 ug/l

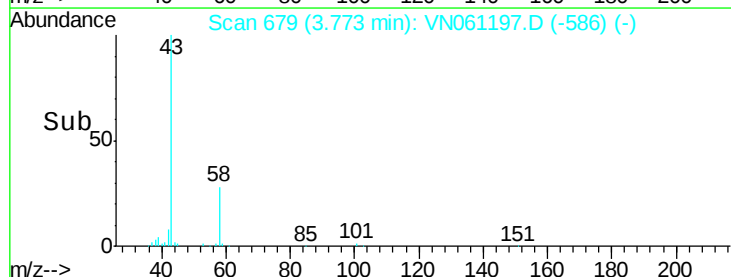
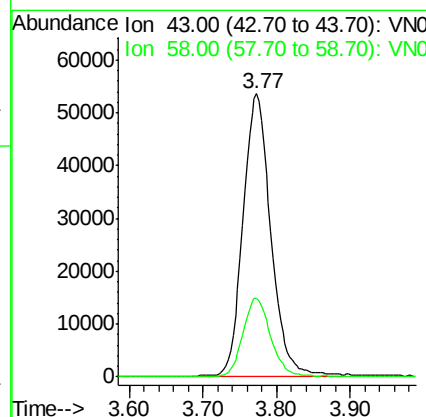
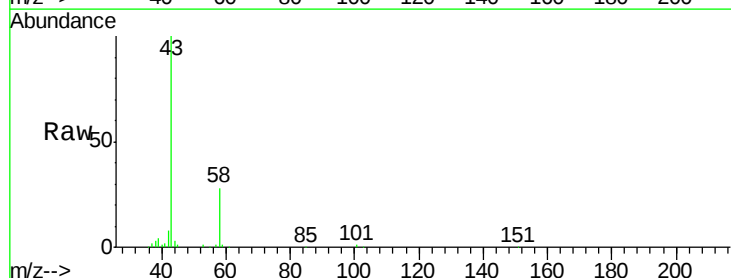
RT: 3.77 min Scan# 679

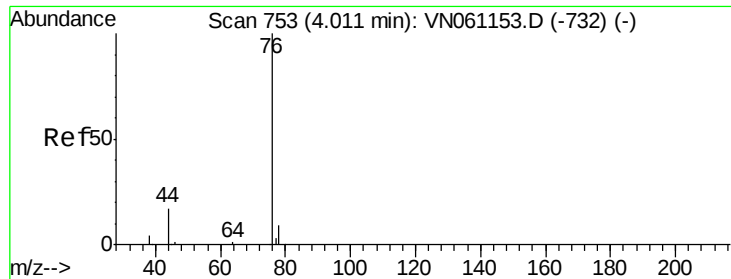
Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Tgt Ion:	43	Resp:	142269
Ion Ratio	Lower	Upper	
43	100		
58	27.6	22.2	33.2





#17

Carbon Disulfide

Concen: 46.841 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 133321

Ion Ratio Lower Upper

76 100

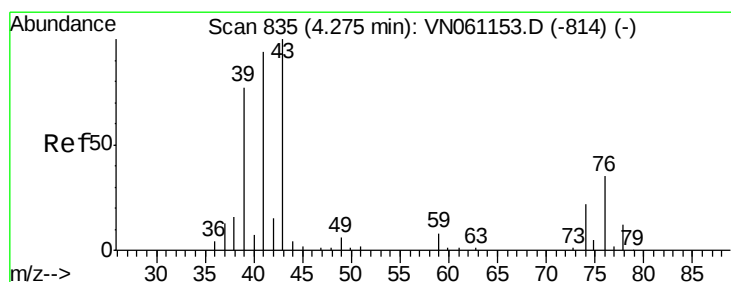
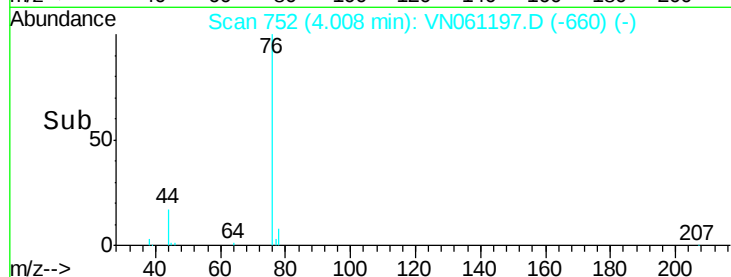
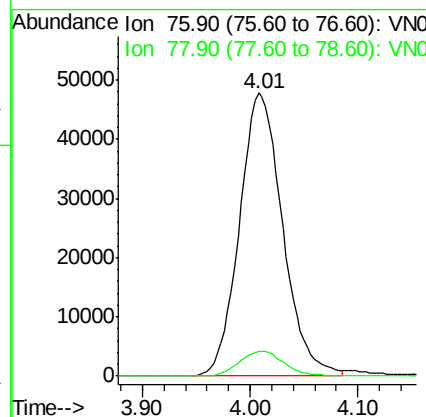
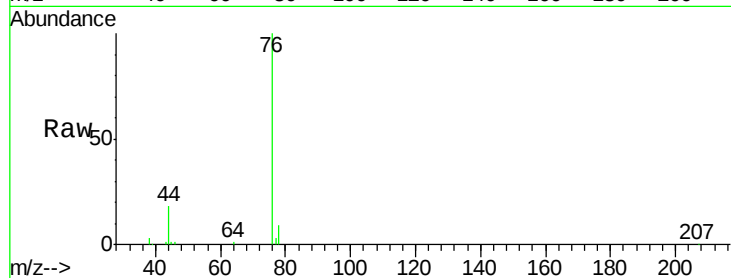
78 8.7 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 43.840 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061197.D

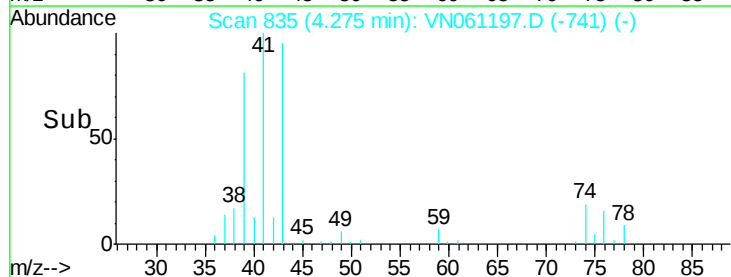
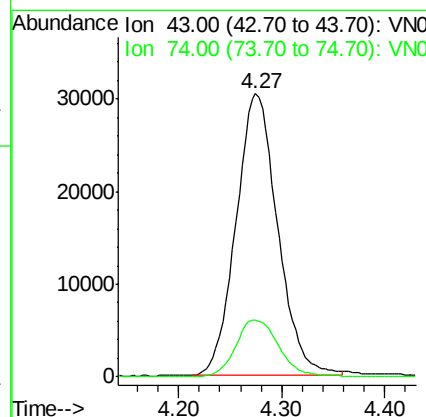
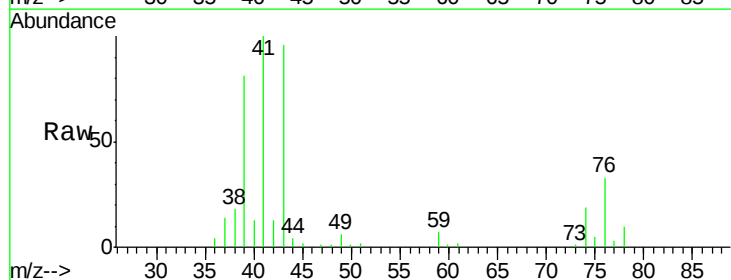
Acq: 29 Apr 2020 17:19

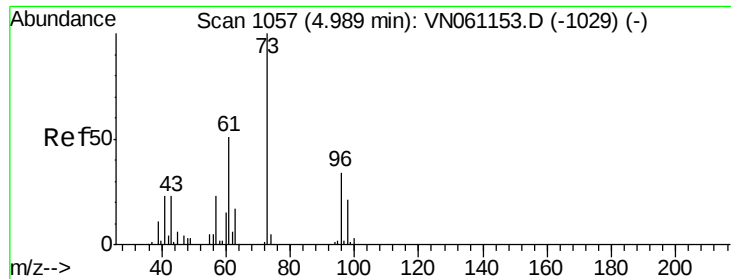
Tgt Ion: 43 Resp: 85349

Ion Ratio Lower Upper

43 100

74 20.9 17.0 25.4





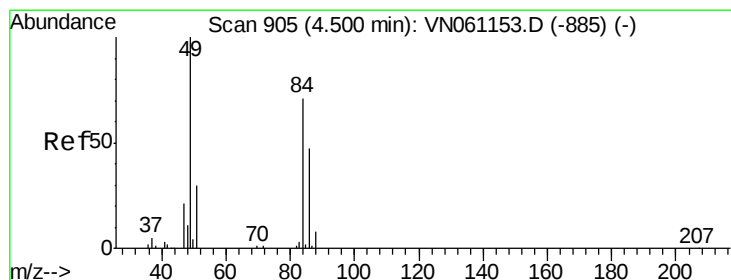
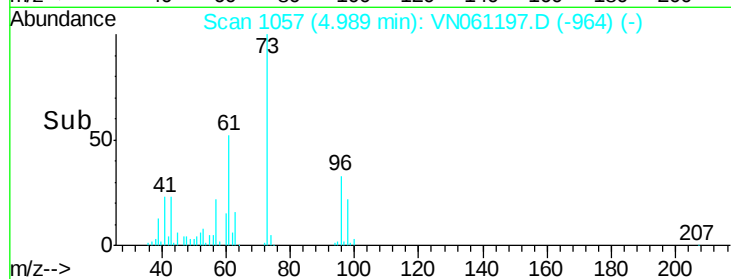
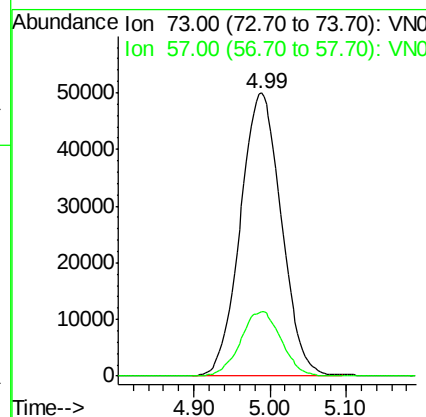
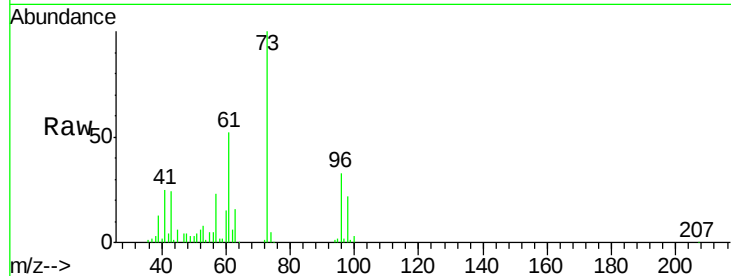
#19
Methvl tert-butvl Ether
Concen: 47.563 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 187267
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5

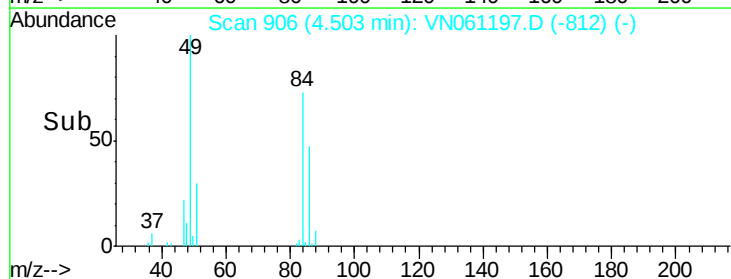
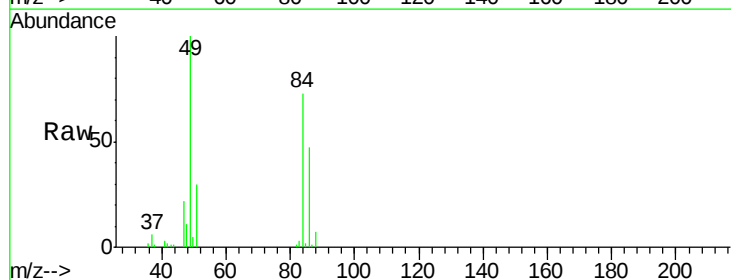
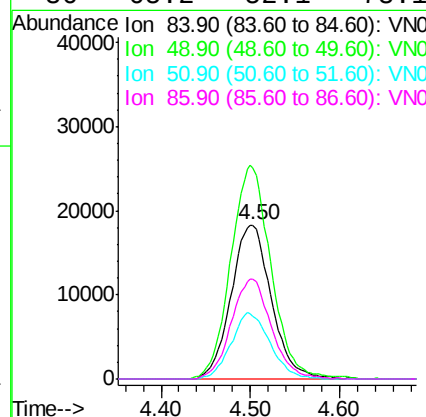
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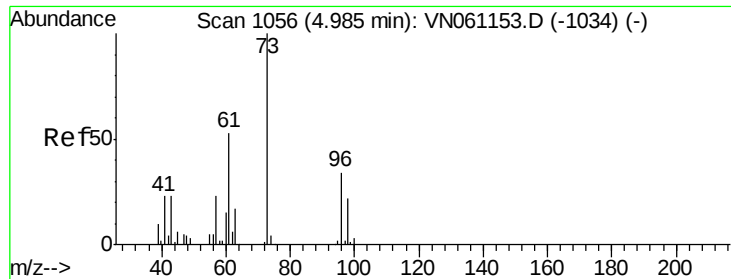
MMDadoda
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#20
Methylene Chloride
Concen: 47.490 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion: 84 Resp: 57222
Ion Ratio Lower Upper
84 100
49 137.1 112.0 168.0
51 41.2 33.6 50.4
86 65.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 49.222 ug/l

RT: 4.98 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

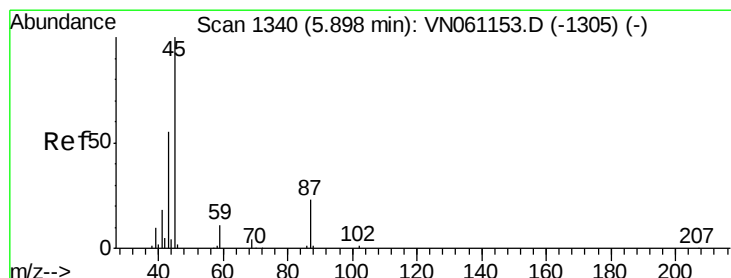
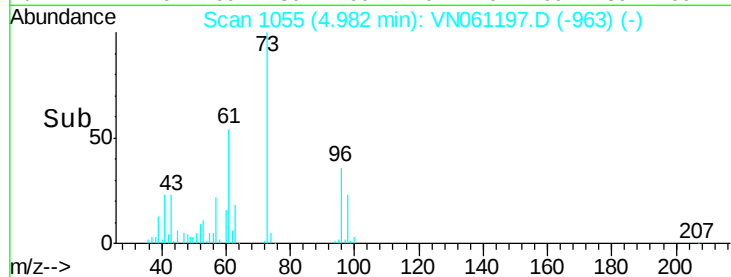
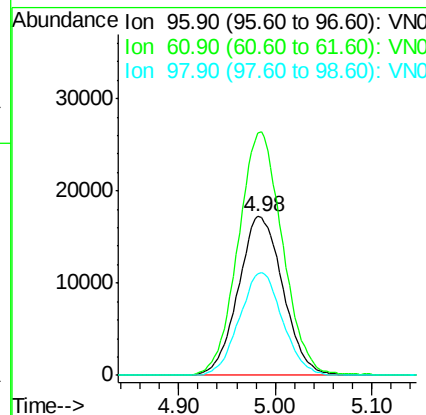
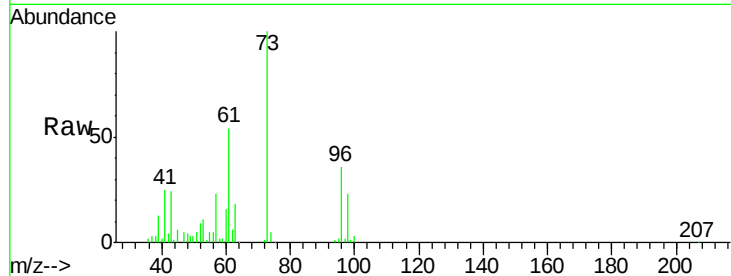
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	55227
Ion	Ratio	Lower	Upper
96	100		
61	152.5	123.0	184.4
98	64.0	50.1	75.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.234 ug/l

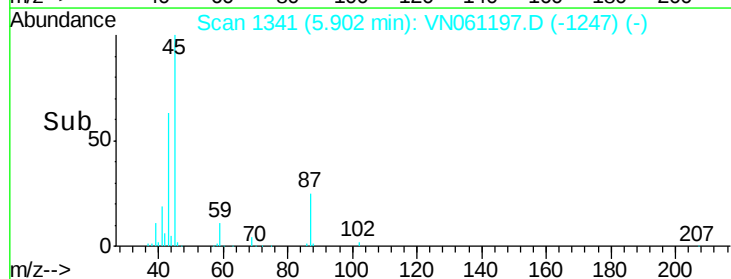
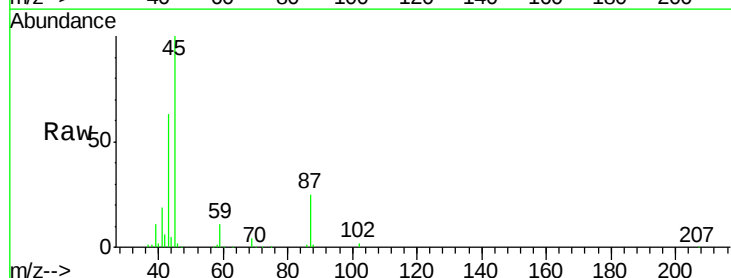
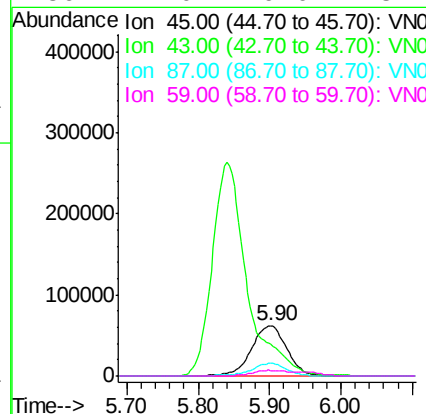
RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Tgt Ion:	45	Resp:	213694
Ion	Ratio	Lower	Upper
45	100		
43	61.0	47.9	71.9
87	24.7	19.2	28.8
59	11.0	9.0	13.4





#23

Vinyl Acetate

Concen: 249.072 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 888490

Ion Ratio Lower Upper

43 100

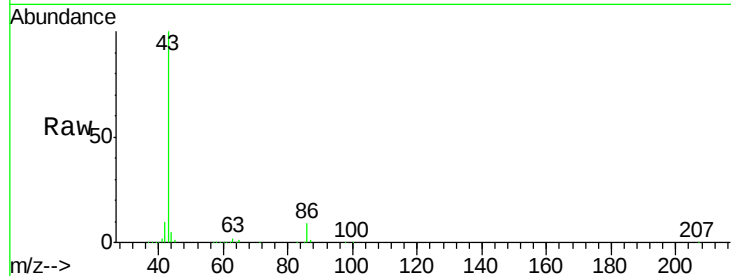
86 9.3 7.2 10.8

Manual Integrations

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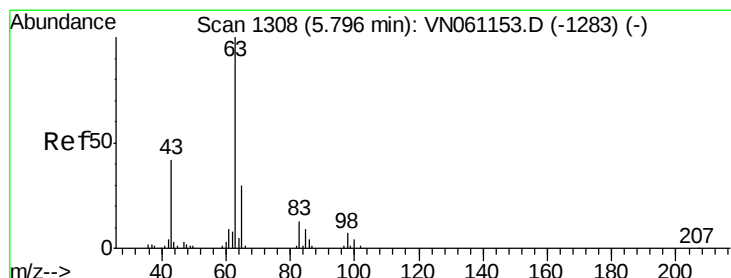
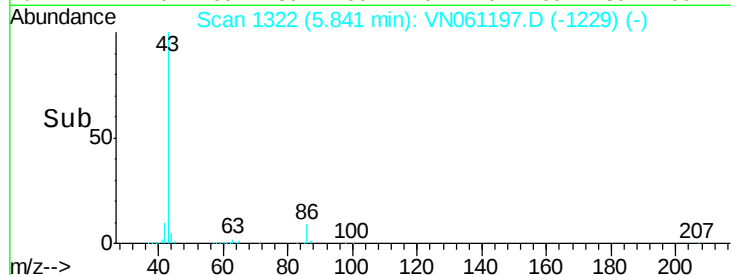
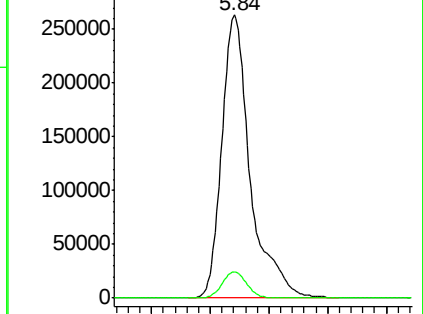
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.405 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

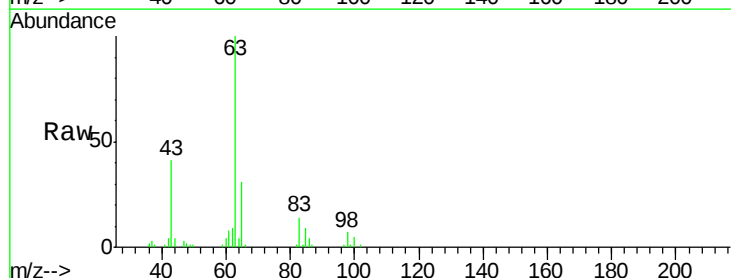
Tgt Ion: 63 Resp: 112045

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

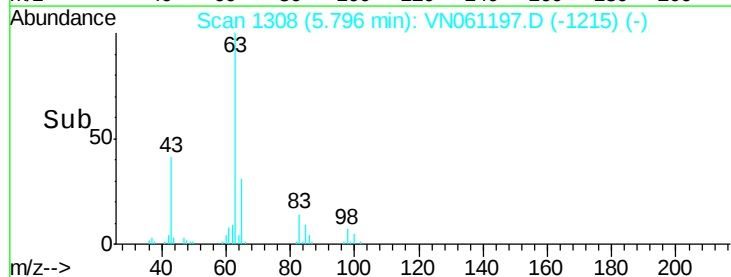
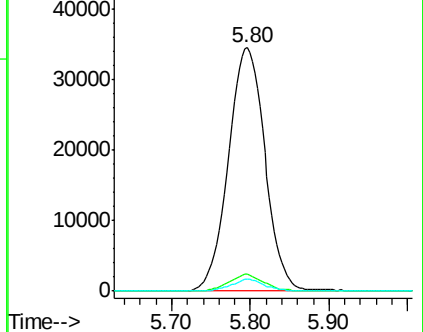
100 4.8 1.9 5.7

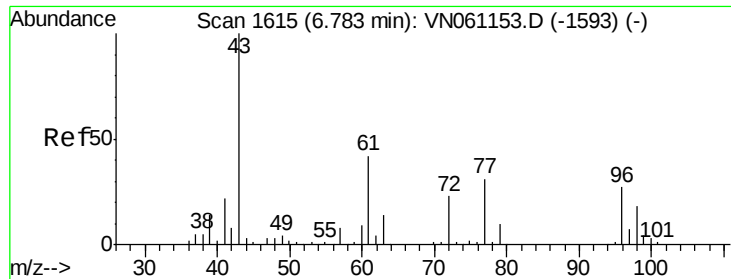


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 250.476 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 229031

Ion Ratio Lower Upper

43 100

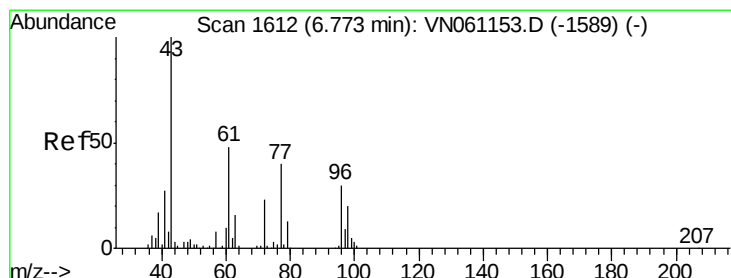
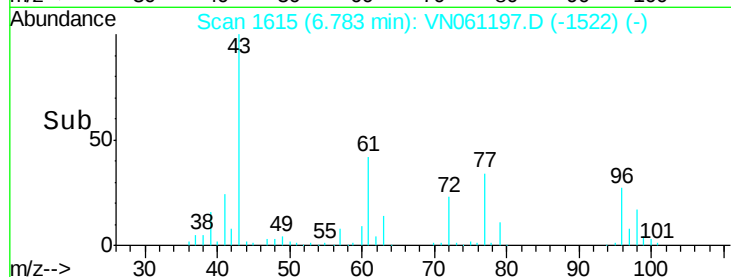
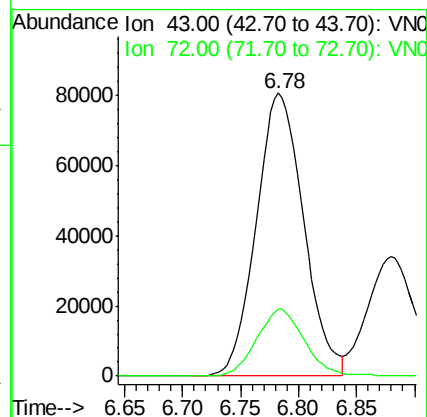
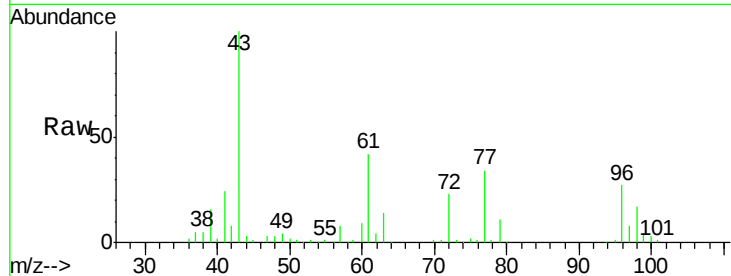
72 23.5 18.2 27.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.773 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061197.D

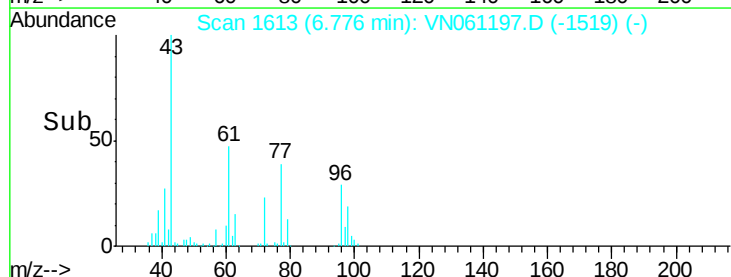
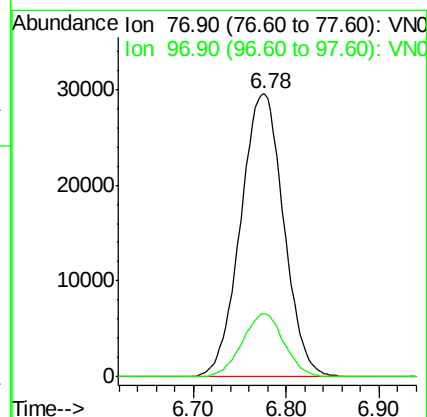
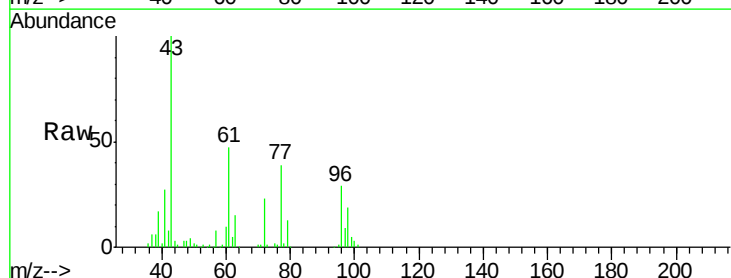
Acq: 29 Apr 2020 17:19

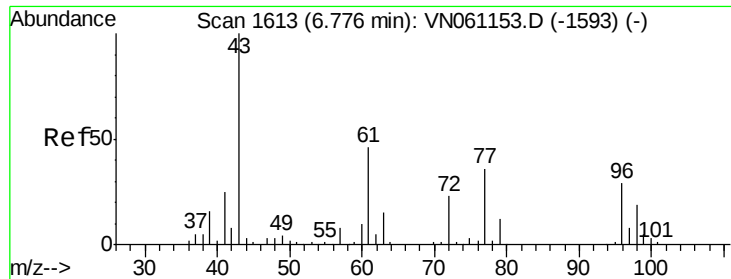
Tgt Ion: 77 Resp: 95093

Ion Ratio Lower Upper

77 100

97 21.6 10.5 31.5





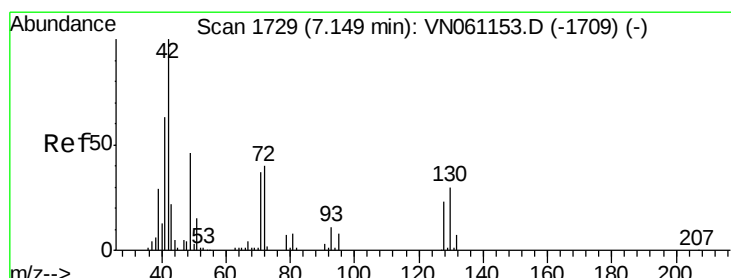
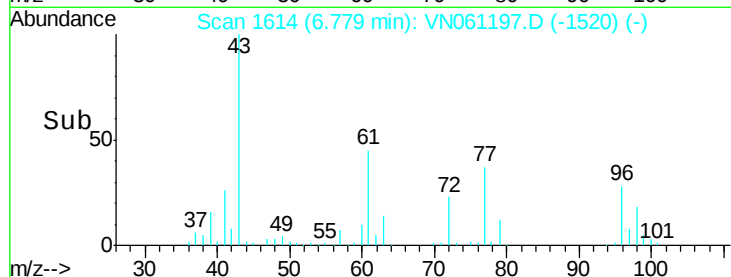
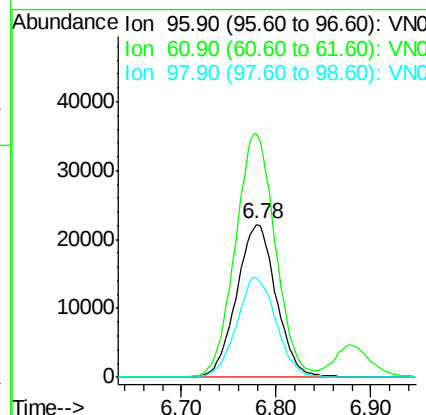
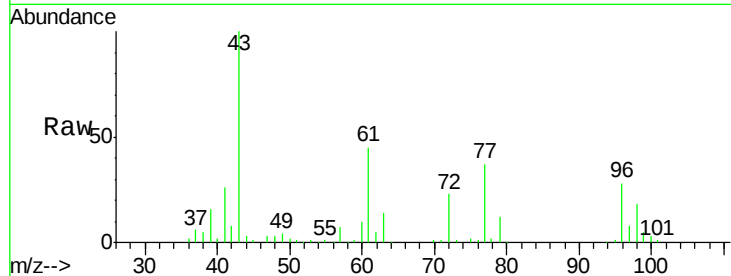
#27
 cis-1,2-Dichloroethene
 Concen: 48.934 ug/l
 RT: 6.78 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.3	0.0	322.0
98	65.2	0.0	129.6

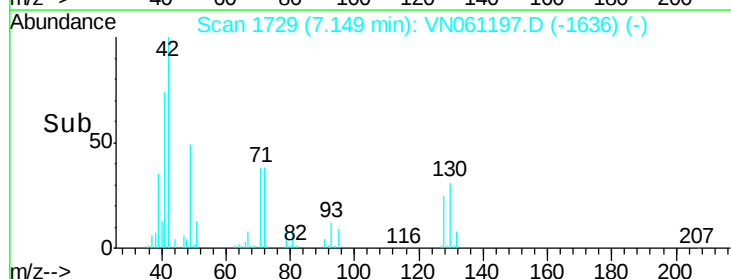
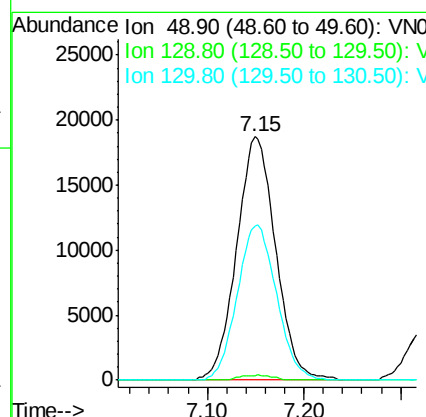
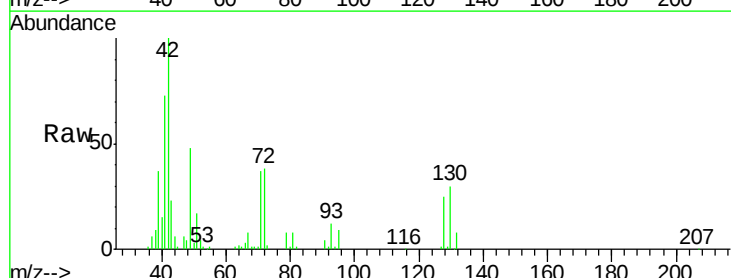
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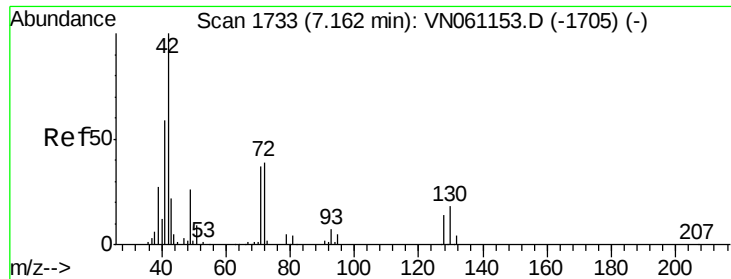
MMDadoda
 4/30/2020 2:11:03 PM



#28
 Bromochloromethane
 Concen: 47.832 ug/l
 RT: 7.15 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.0
130	64.0	51.4	77.2





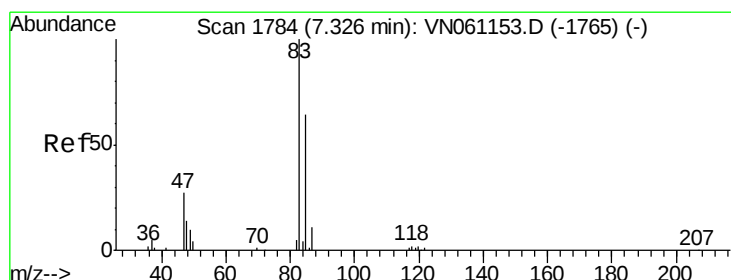
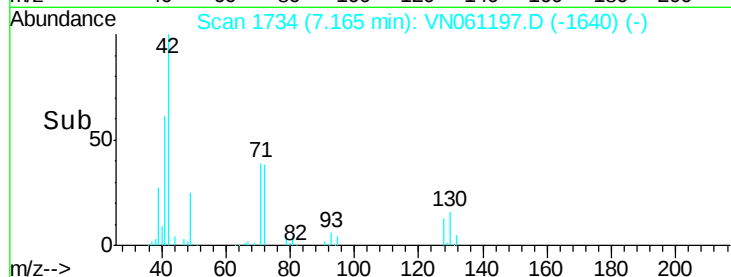
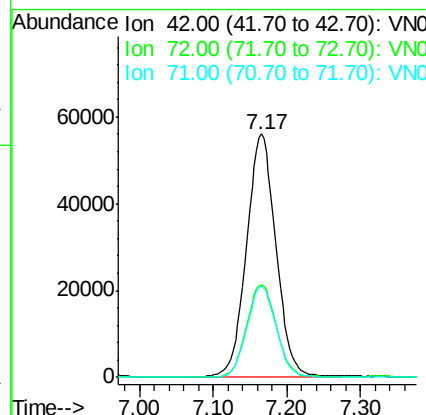
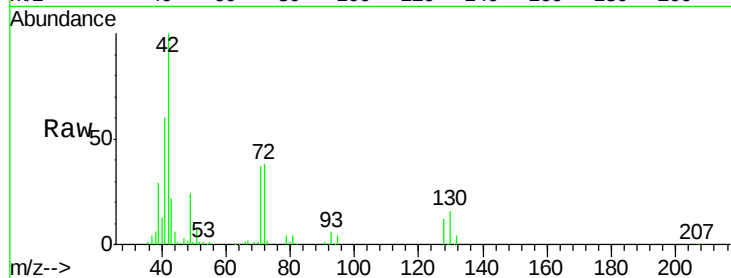
#29
Tetrahydrofuran
Concen: 254.698 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	31.4	47.0
71	37.0	29.5	44.3

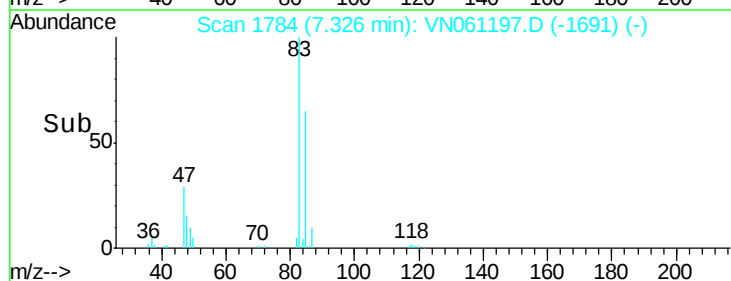
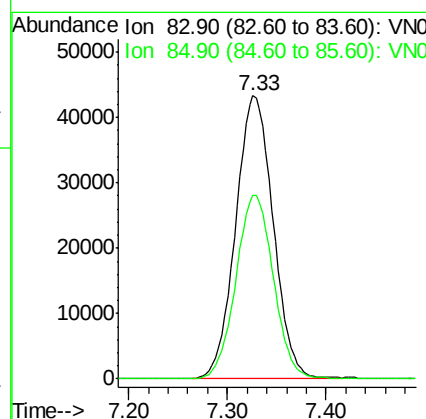
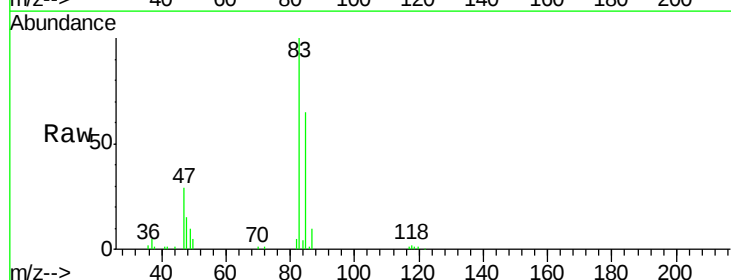
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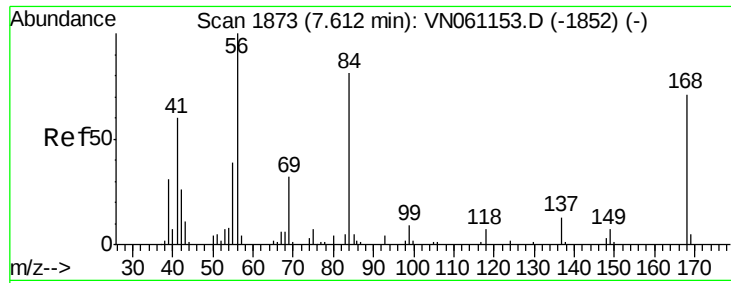
MMDadoda
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#30
Chloroform
Concen: 48.877 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.1	76.7





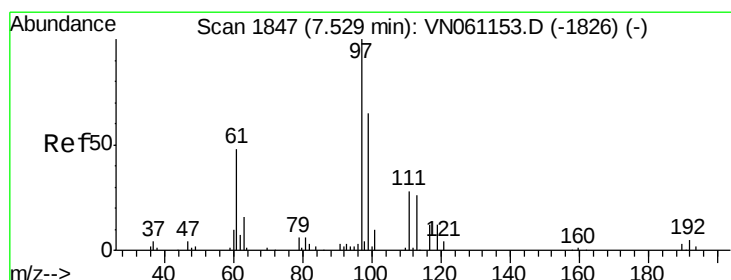
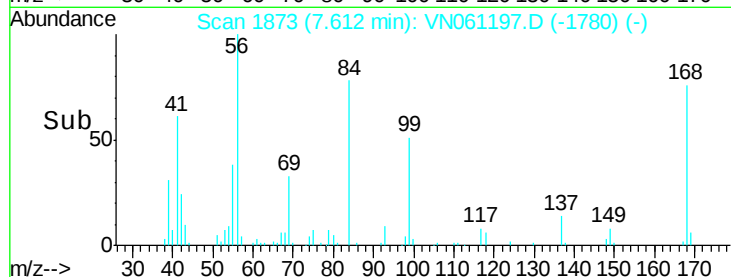
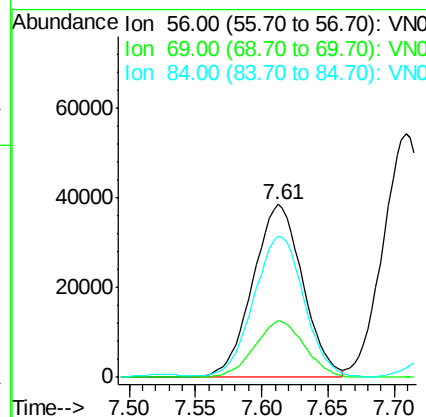
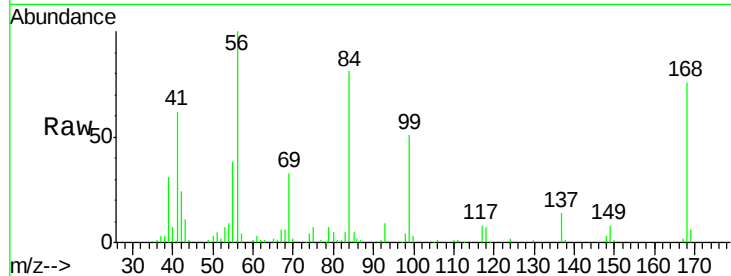
#31
Cyclohexane
Concen: 45.001 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.7	38.5
84	80.4	64.6	97.0

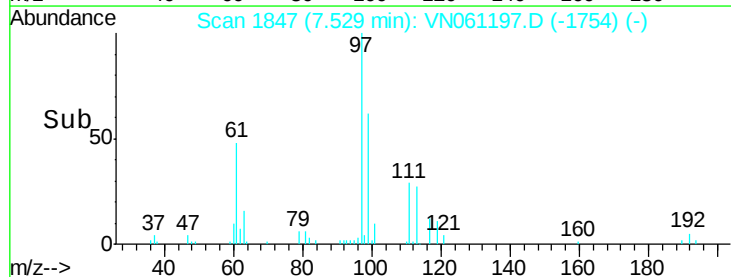
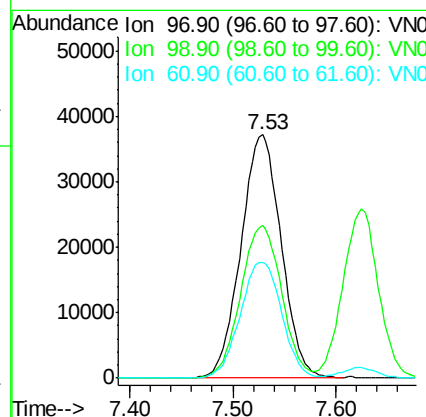
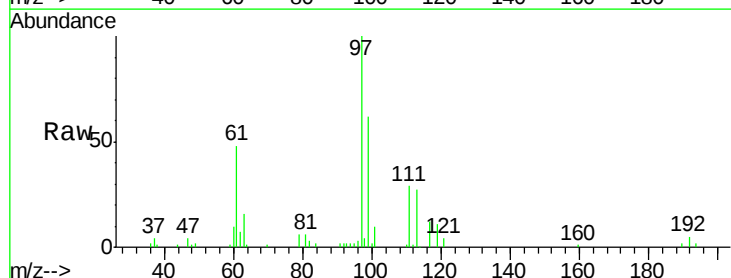
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#32
1,1,1-Trichloroethane
Concen: 49.309 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	49.0	38.6	57.8





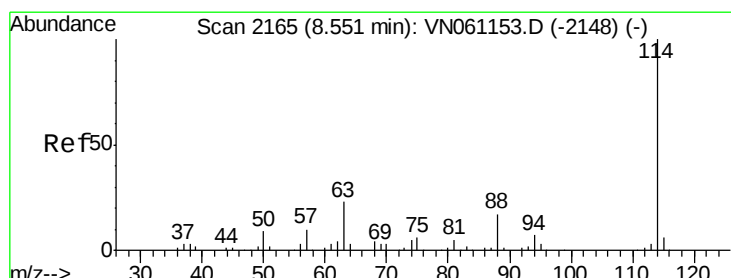
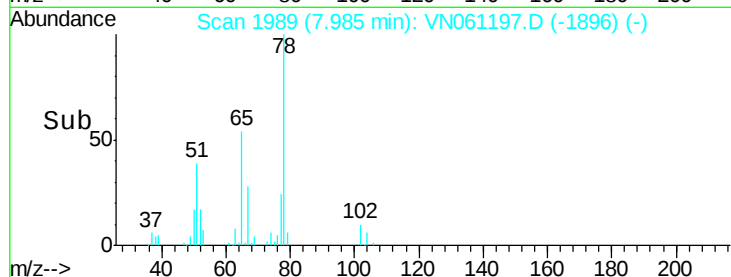
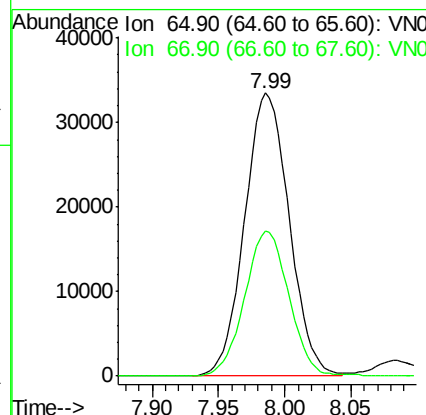
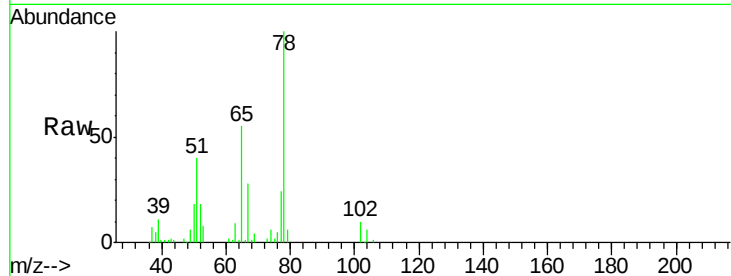
#33
 1,2-Dichloroethane-d4
 Concen: 50.710 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	78360		
67	50.9	0.0	101.6	

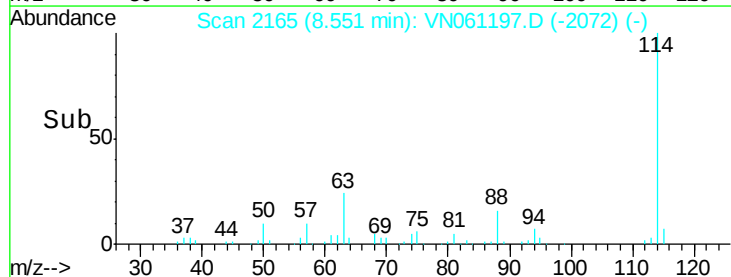
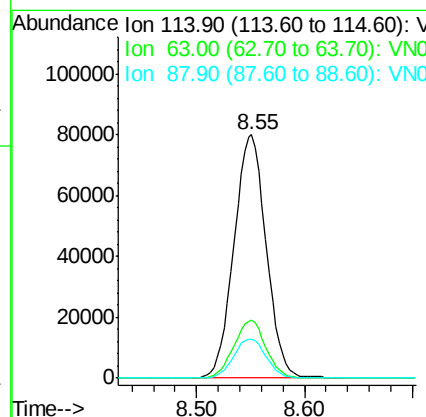
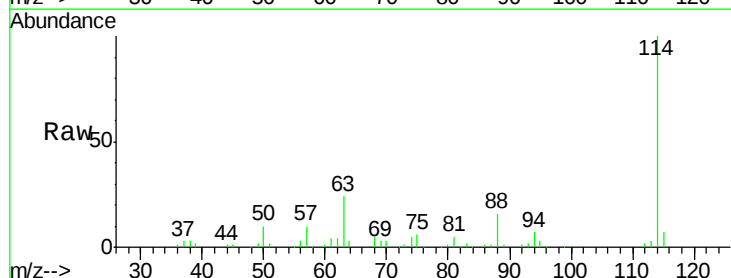
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	166303		
63	23.8	0.0	46.6	
88	16.0	0.0	33.4	





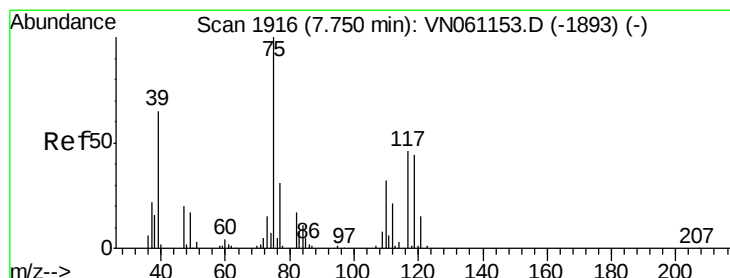
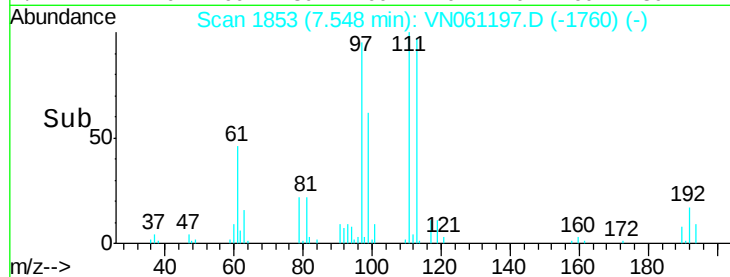
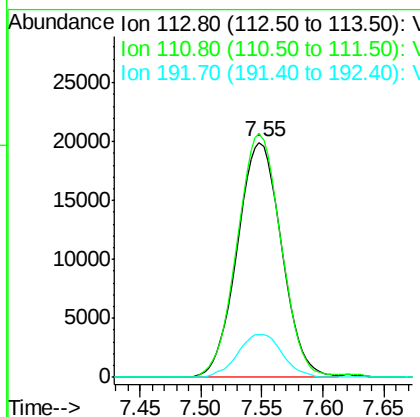
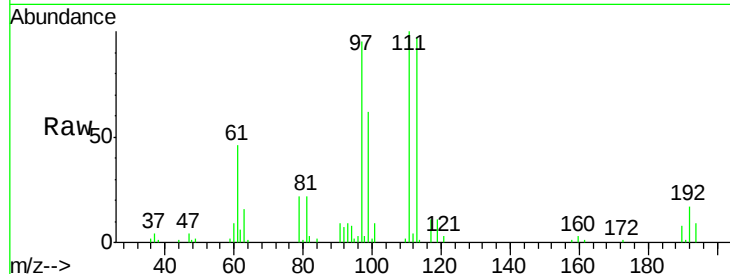
#35
 Dibromofluoromethane
 Concen: 51.082 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	18.4	14.7	22.1

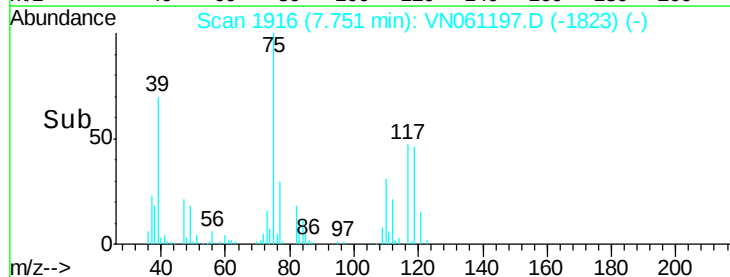
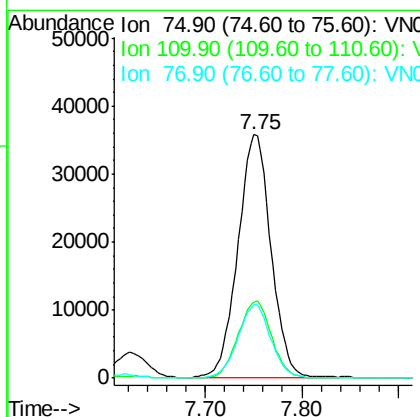
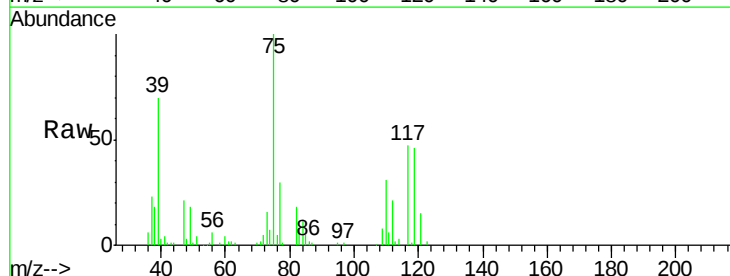
Manual Integrations
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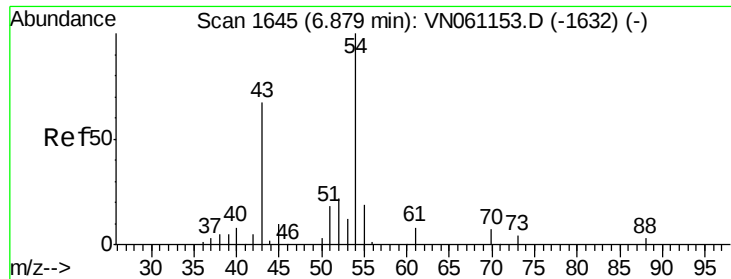
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#36
 1,1-Dichloropropene
 Concen: 51.307 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.7	16.0	48.0
77	30.0	24.6	37.0





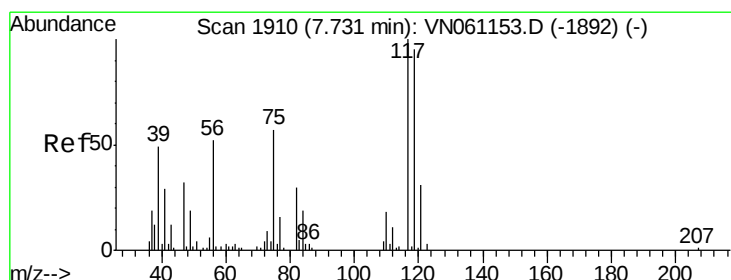
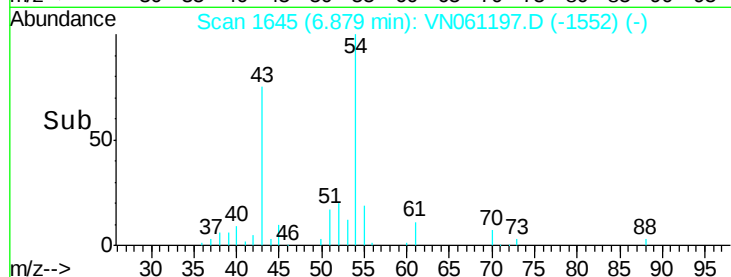
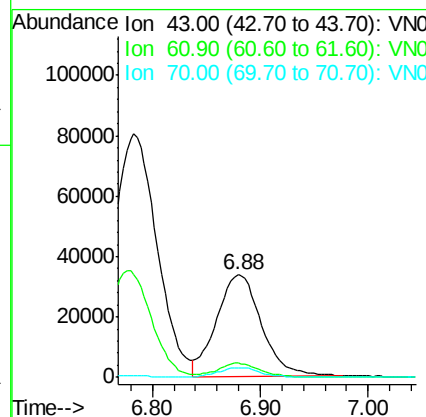
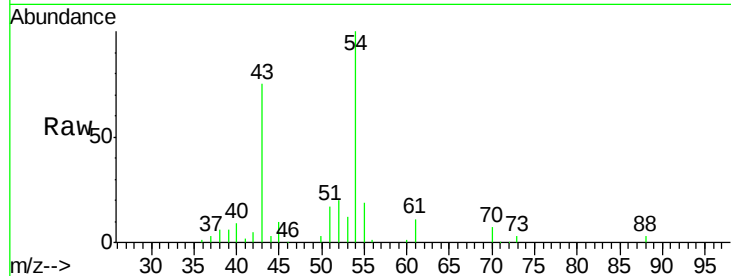
#37
Ethyl Acetate
Concen: 49.980 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	61	70	Ratio	Lower	Upper
43	100					
61	13.3	10.2	15.2			
70	8.9	7.2	10.8			

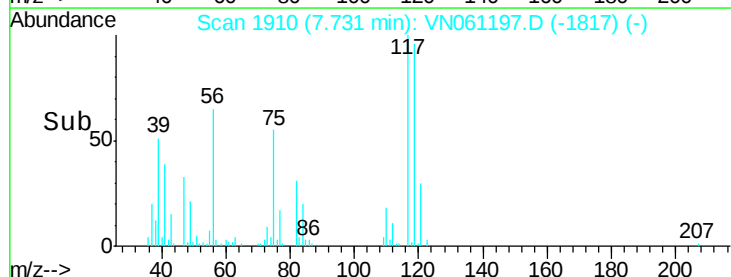
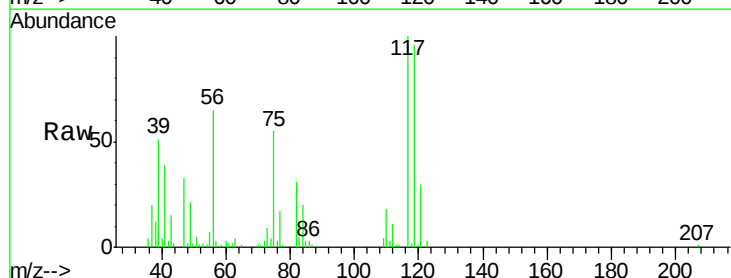
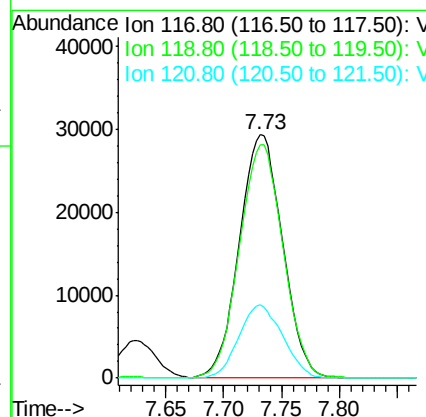
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#38
Carbon Tetrachloride
Concen: 50.272 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	117	119	121	Ratio	Lower	Upper
117	100					
119	96.1	75.8	113.6			
121	30.3	24.7	37.1			





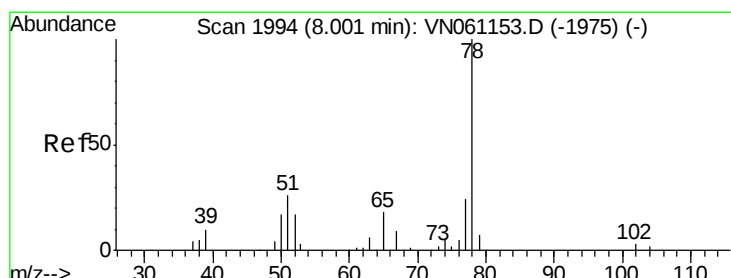
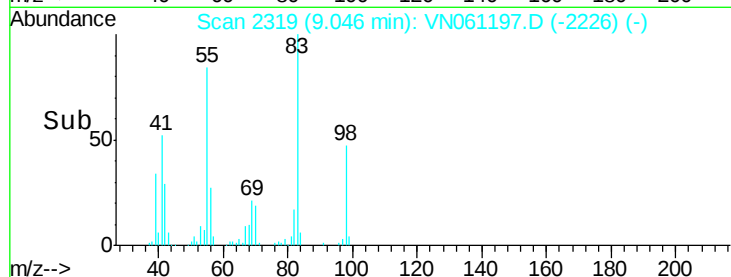
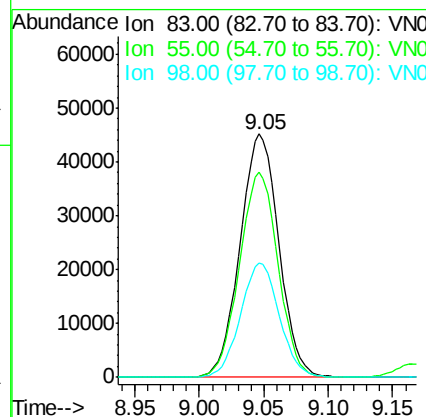
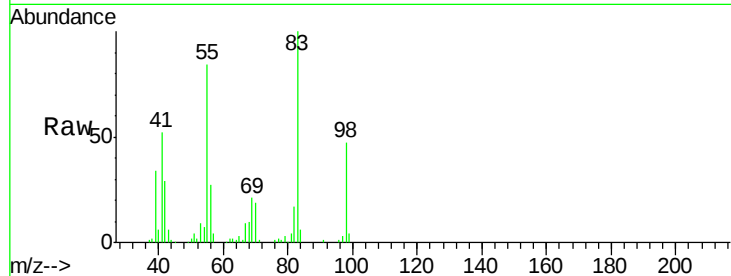
#39
Methvlcvclohexane
Concen: 50.741 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.0	67.3	100.9
98	47.0	37.7	56.5

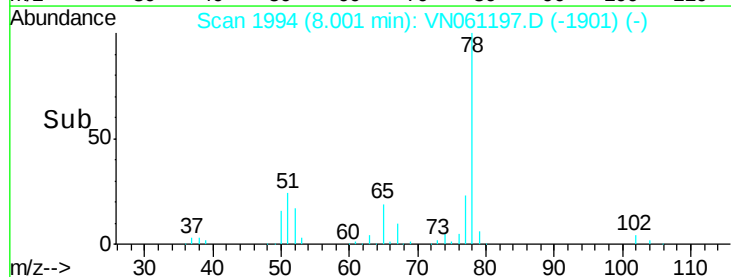
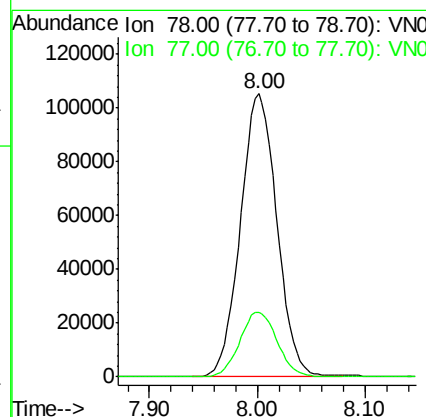
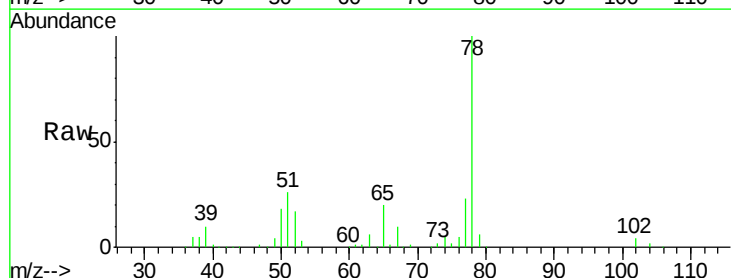
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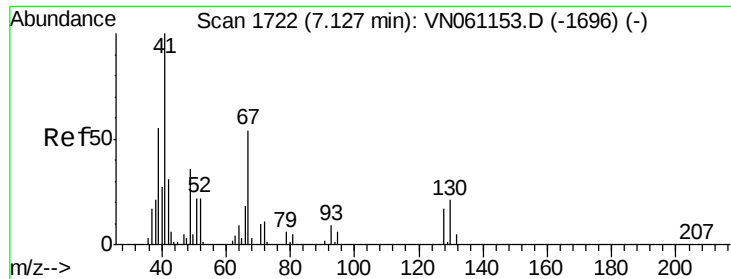
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#40
Benzene
Concen: 49.931 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.6





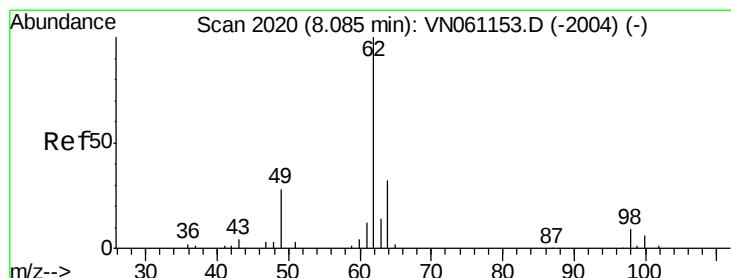
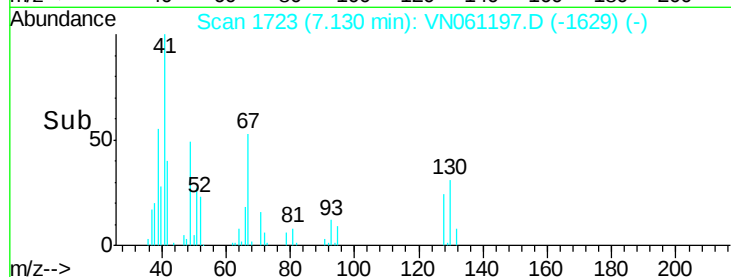
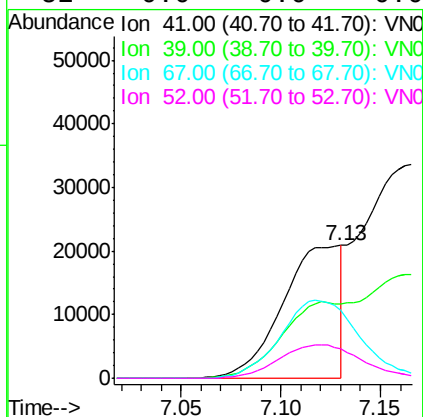
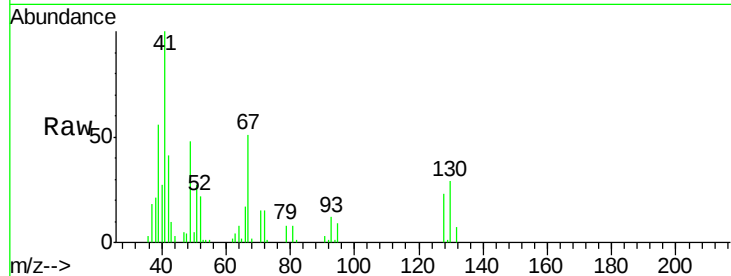
#41
Methacrylonitrile
Concen: 52.540 ug/l m
RT: 7.13 min Scan# 1723
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	42575
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

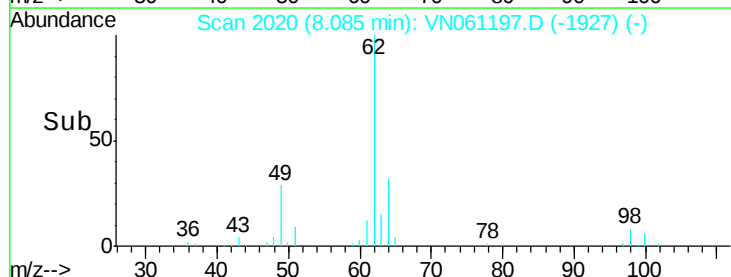
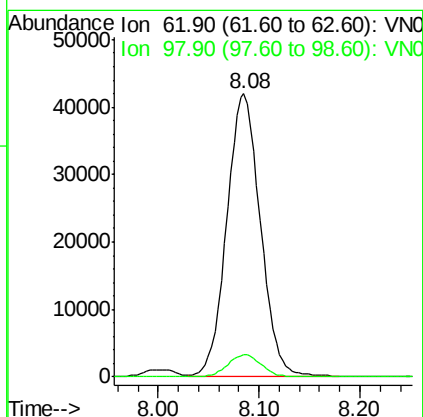
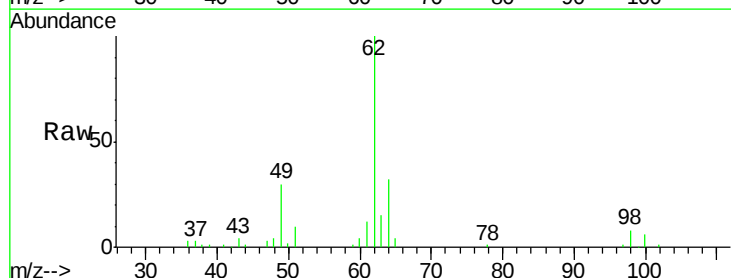
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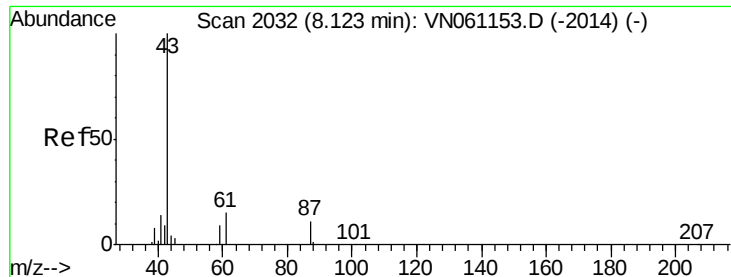
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#42
1,2-Dichloroethane
Concen: 51.944 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	62	Resp	97599
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.8





#43

Isopropyl Acetate

Concen: 50.610 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

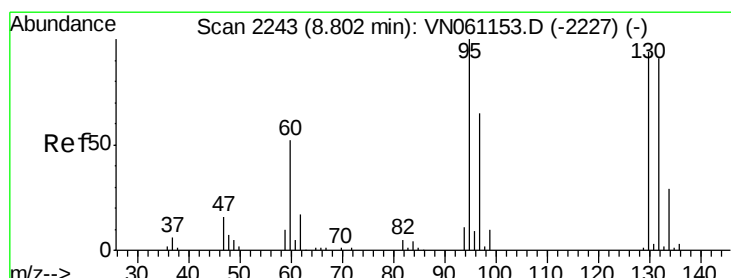
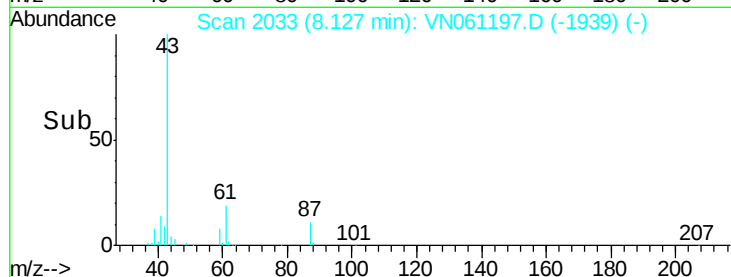
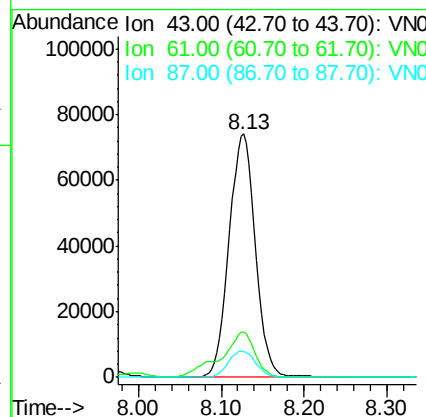
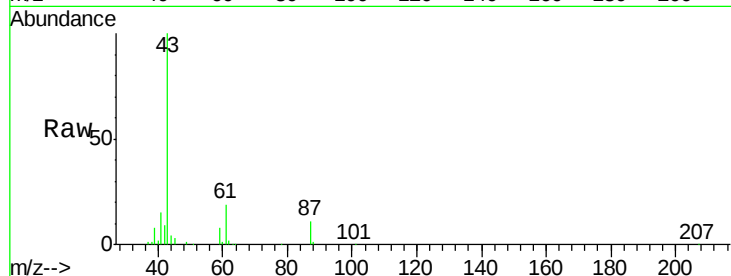
ClientSampleID :

VSTDCCC050EC

Tot Ion:	43	Resp:	163926
Ion Ratio		Lower	Upper
43	100		
61	18.8	19.5	29.3#
87	11.0	8.9	13.3

Manual Integrations
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#44

Trichloroethene

Concen: 48.212 ug/l

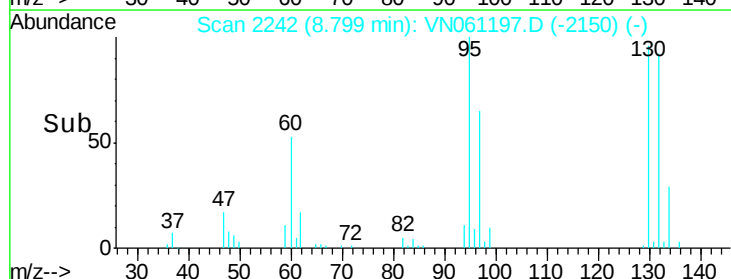
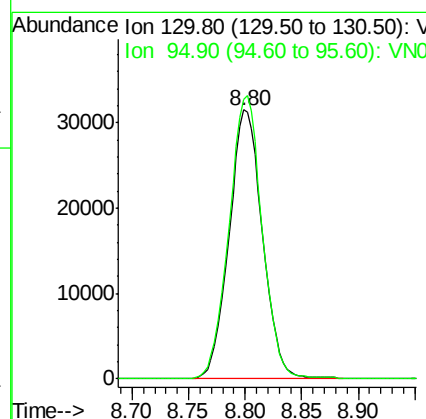
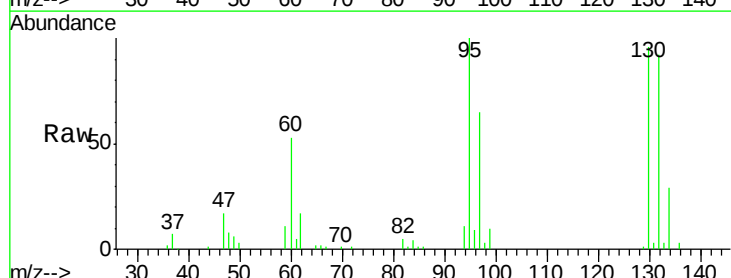
RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Tgt Ion:	130	Resp:	64641
Ion Ratio		Lower	Upper
130	100		
95	104.0	0.0	212.4





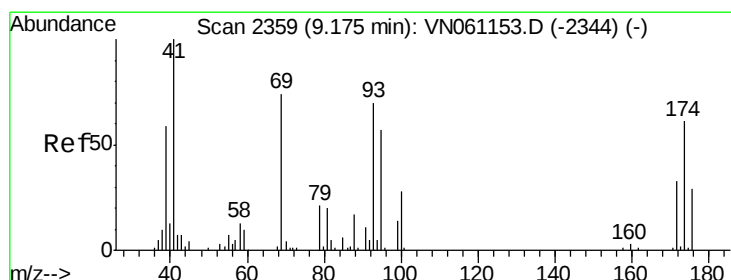
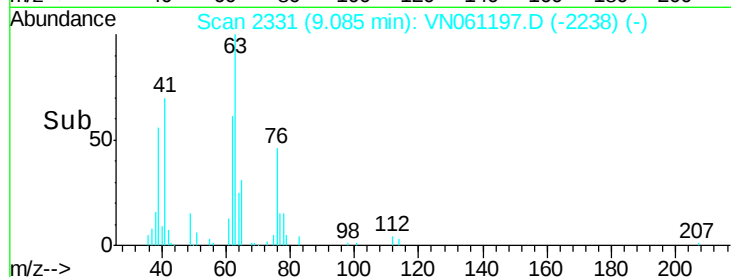
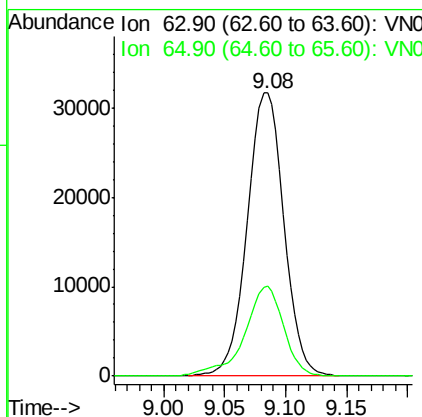
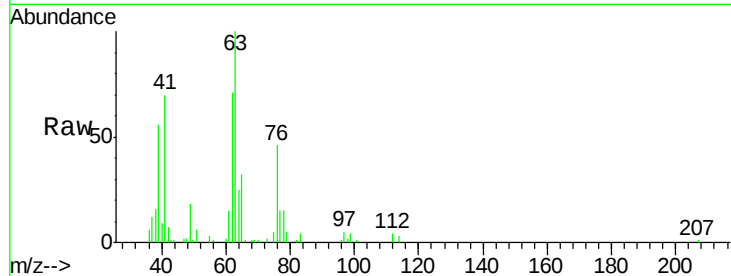
#45
 1,2-Dichloropropane
 Concen: 49.582 ug/l
 RT: 9.08 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 65698
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.7 37.1

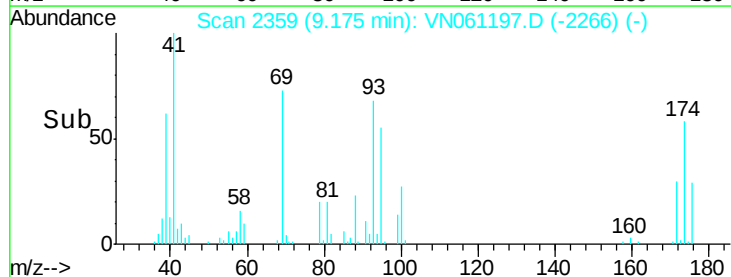
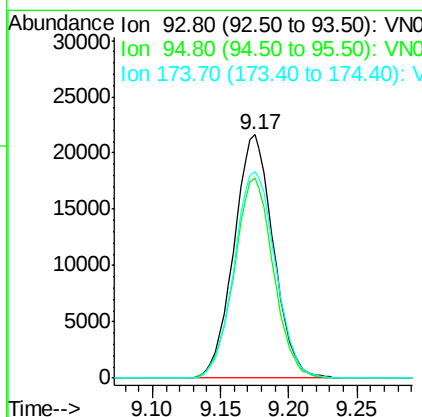
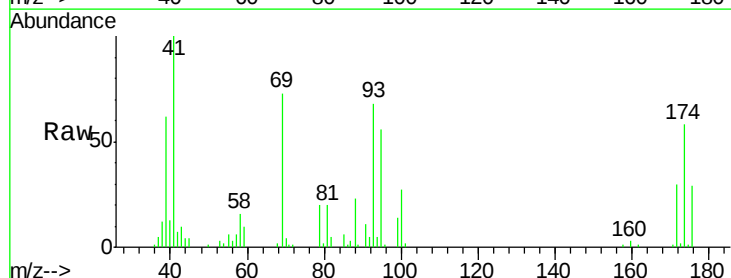
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#46
 Dibromomethane
 Concen: 52.939 ug/l
 RT: 9.17 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion: 93 Resp: 43433
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.6 99.8
 174 88.2 70.2 105.2





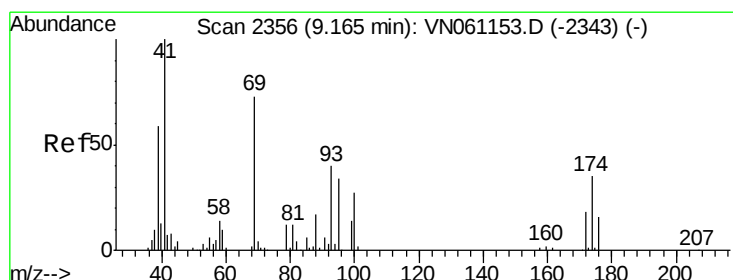
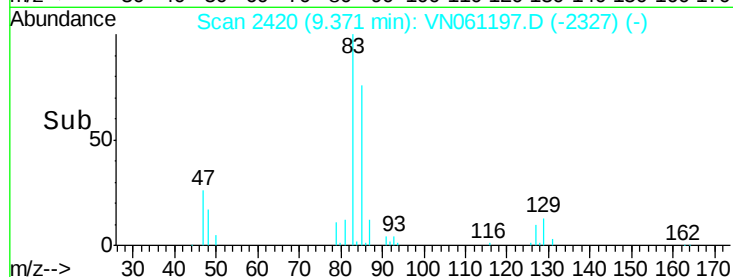
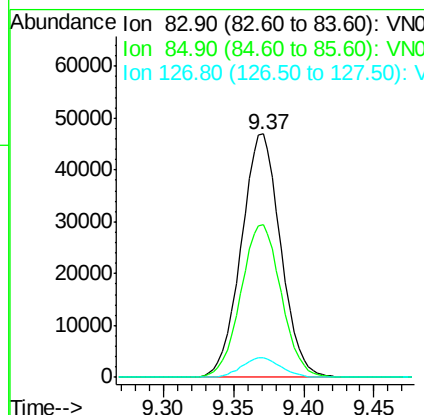
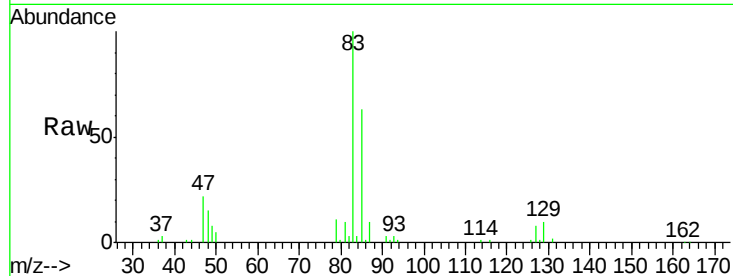
#47
Bromodichloromethane
Concen: 52.066 ug/l
RT: 9.37 min Scan# 2420
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	91686
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	50.4	75.6
127	8.0	6.2	9.2

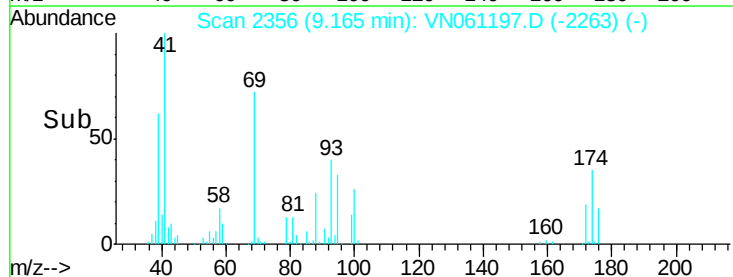
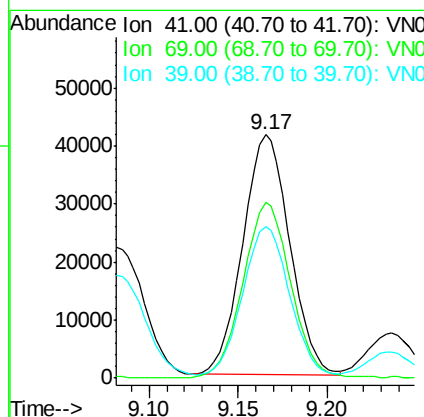
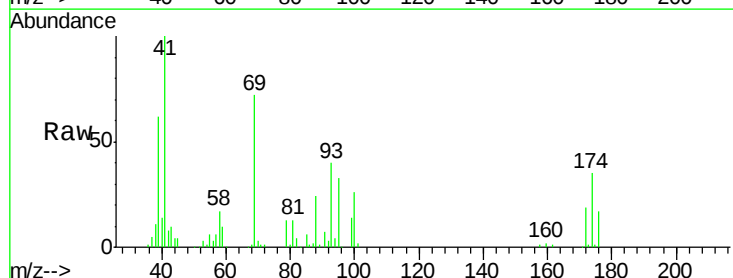
Manual Integrations
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#48
Methyl methacrylate
Concen: 52.329 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	41	Resp	76484
Ion Ratio	100	Lower	Upper
41	100		
69	74.0	60.3	90.5
39	64.3	47.4	71.0





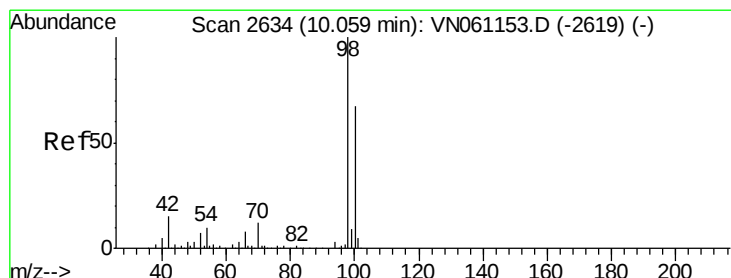
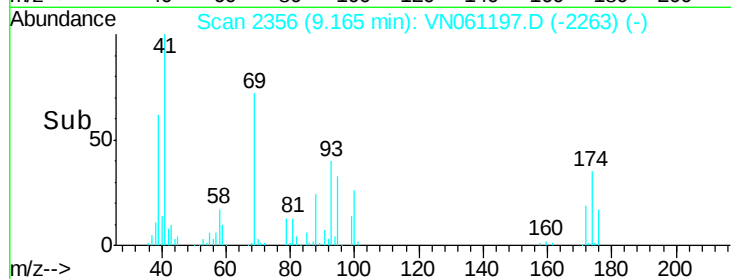
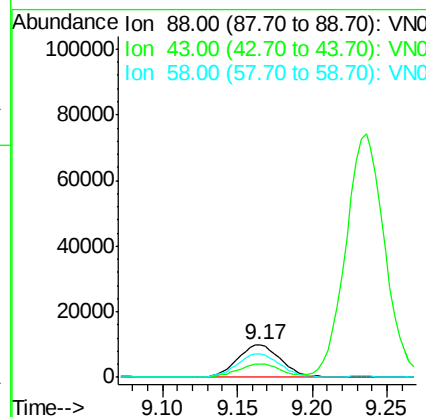
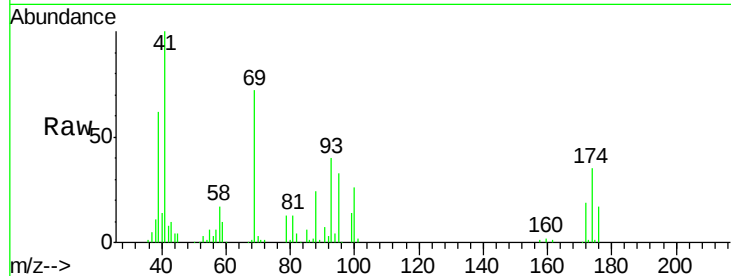
#49
1,4-Dioxane
Concen: 1209.567 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.5	35.3	52.9
58	72.6	61.5	92.3

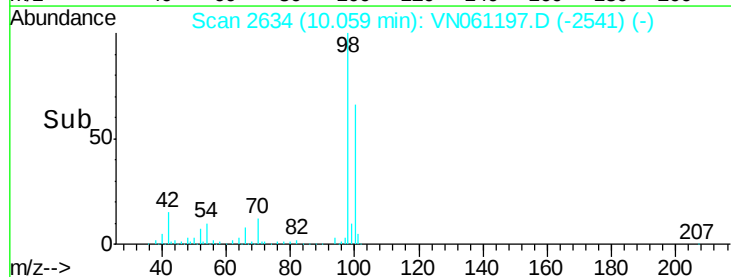
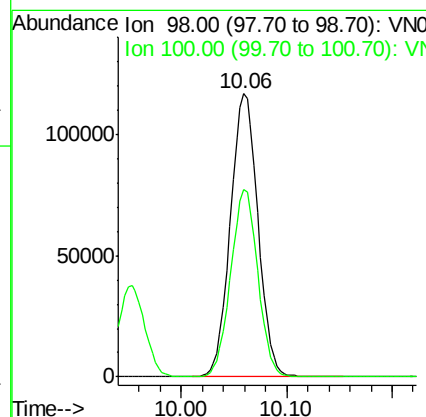
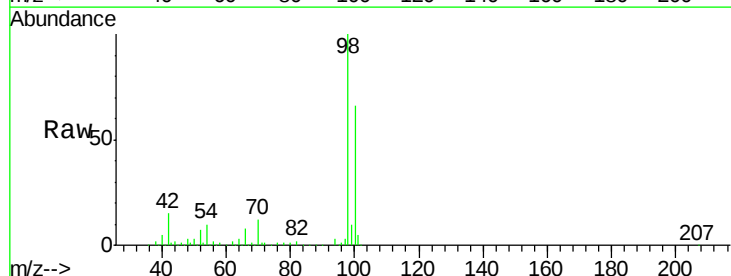
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#50
Toluene-d8
Concen: 52.707 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.4	80.0





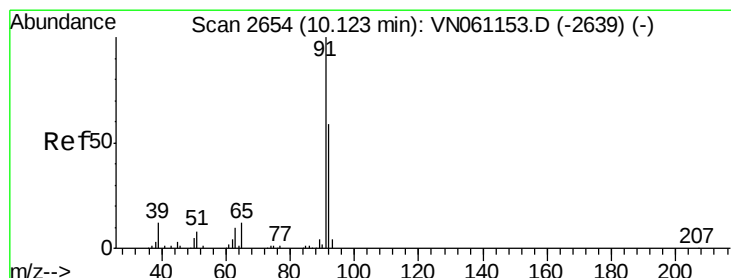
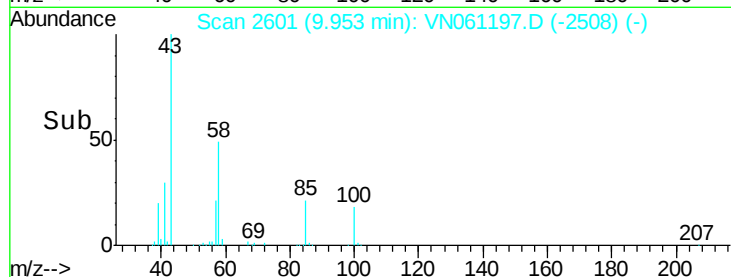
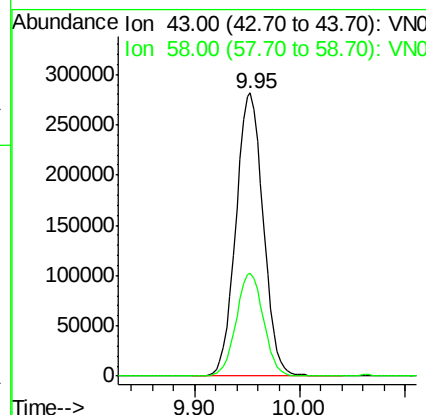
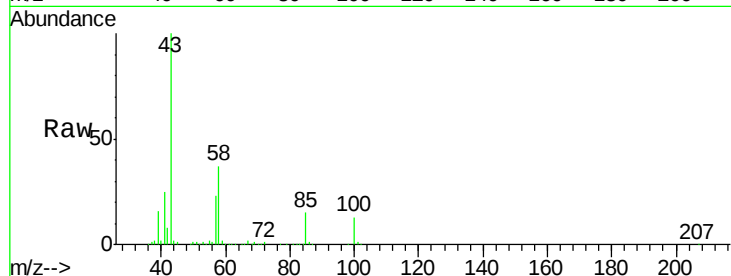
#51
4-Methyl-2-Pentanone
Concen: 265.062 ug/l
RT: 9.95 min Scan# 2601
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	505349
Ion Ratio	100	Lower	Upper
43	100		
58	36.2	29.1	43.7

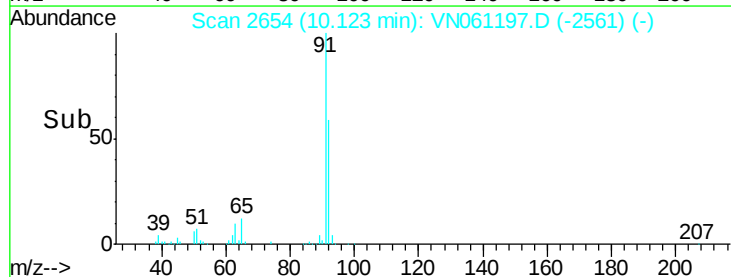
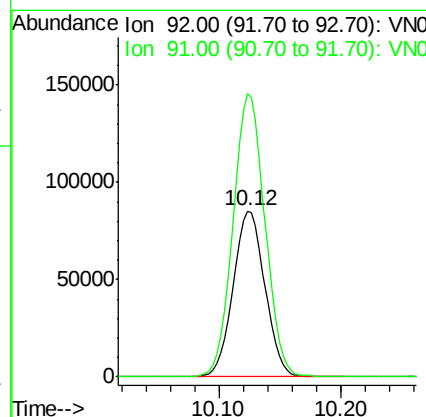
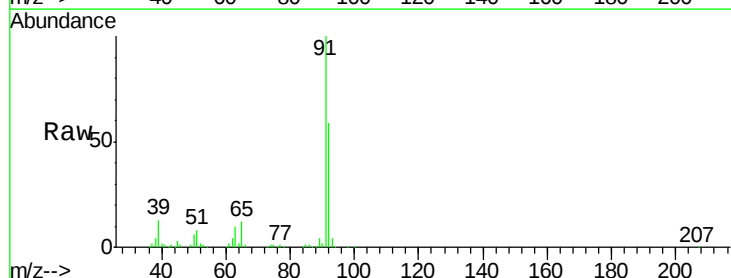
Manual Integrations
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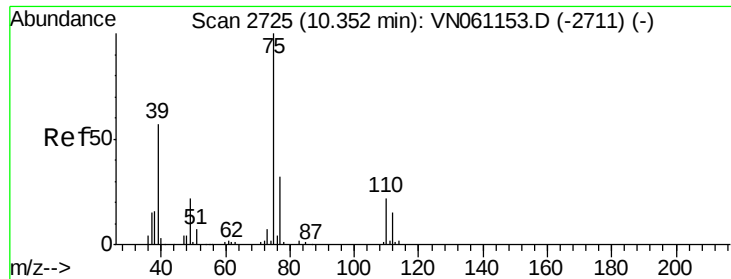
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#52
Toluene
Concen: 51.727 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	92	Resp	154531
Ion Ratio	100	Lower	Upper
92	100		
91	171.3	136.2	204.2





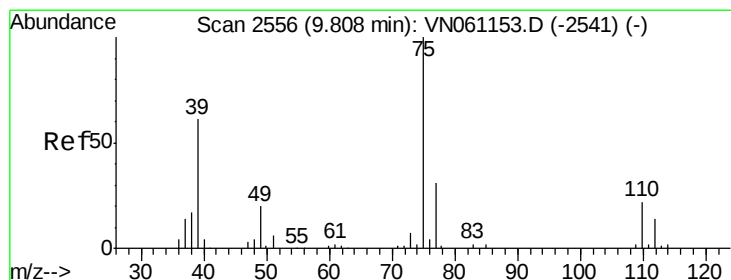
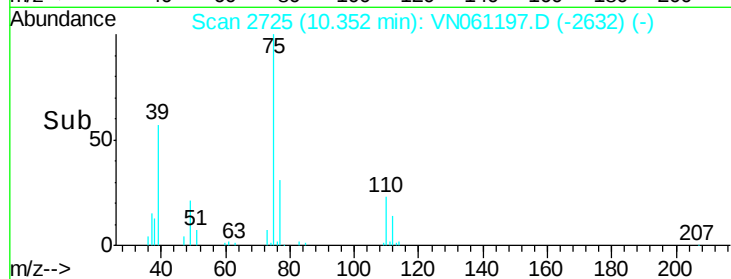
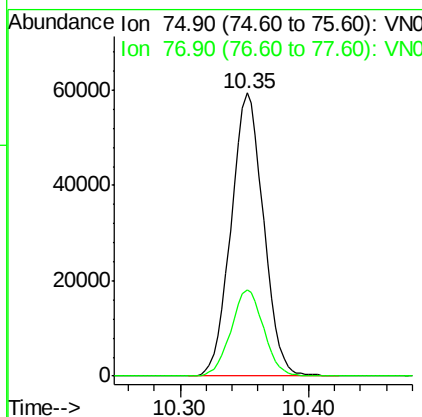
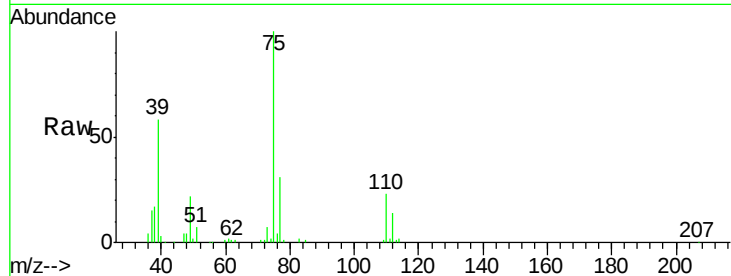
#53
t-1,3-Dichloropropene
Concen: 52.196 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.5	38.3

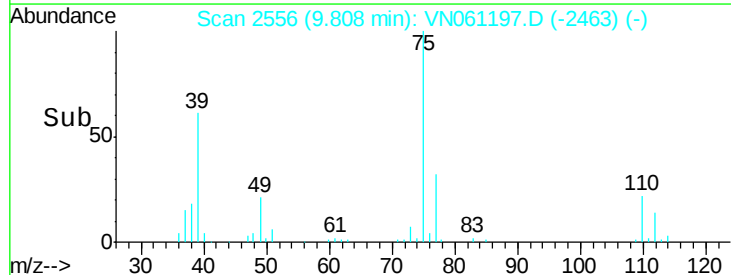
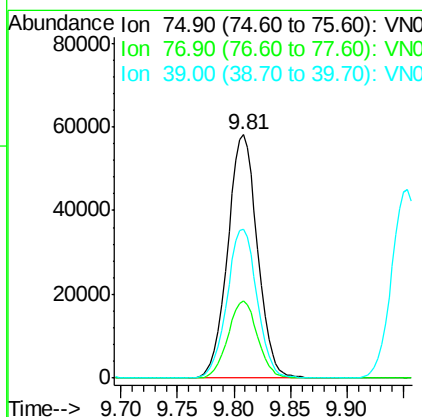
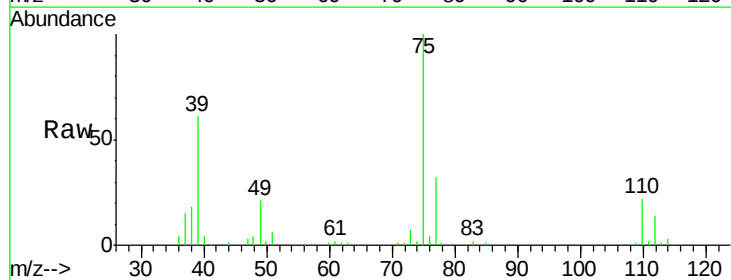
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#54
cis-1,3-Dichloropropene
Concen: 50.610 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.4
39	61.3	48.7	73.1





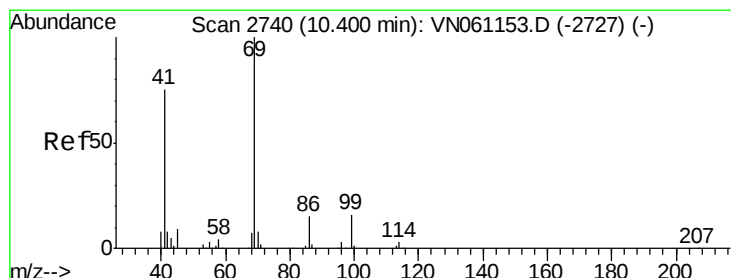
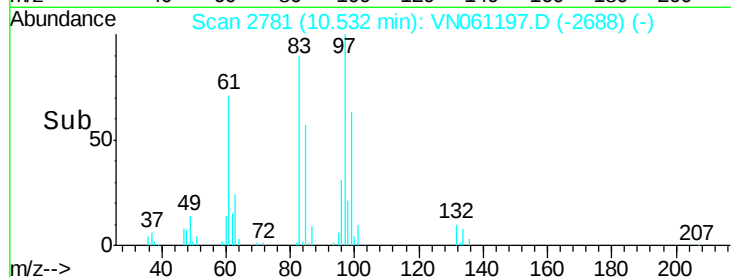
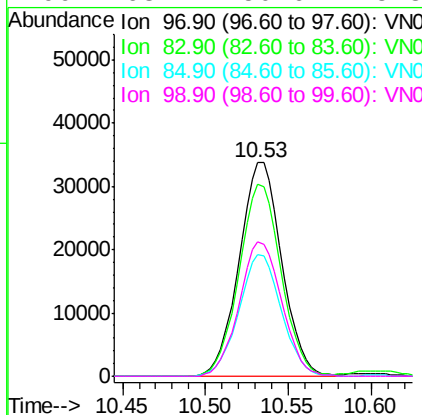
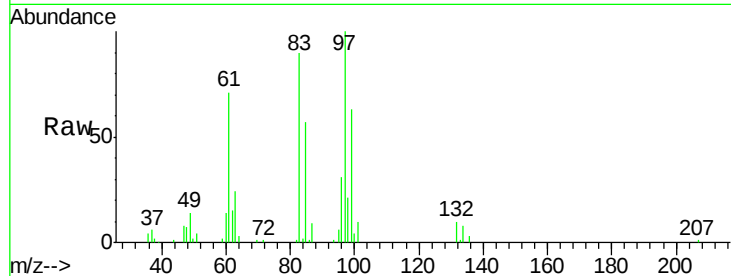
#55
 1,1,2-Trichloroethane
 Concen: 50.544 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.7	70.6	106.0
85	57.2	46.4	69.6
99	63.1	50.6	75.8

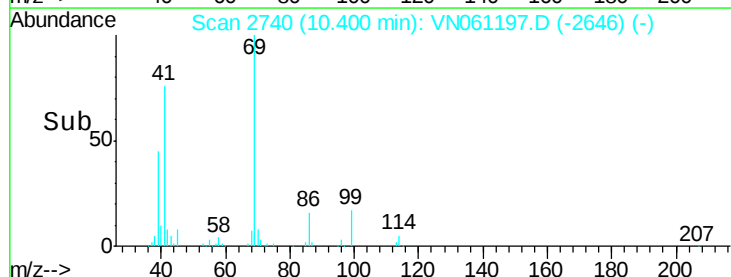
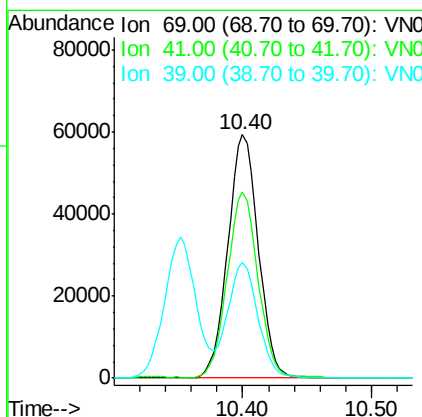
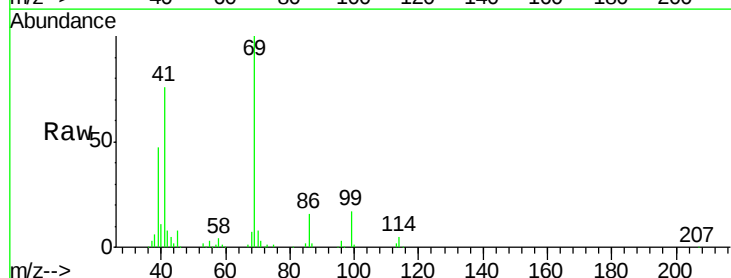
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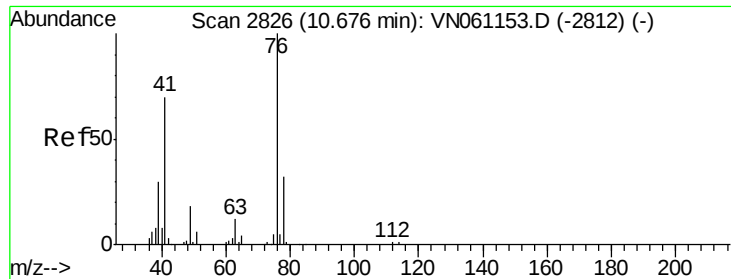
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#56
 Ethyl methacrylate
 Concen: 47.090 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.0	60.3	90.5
39	46.5	35.9	53.9





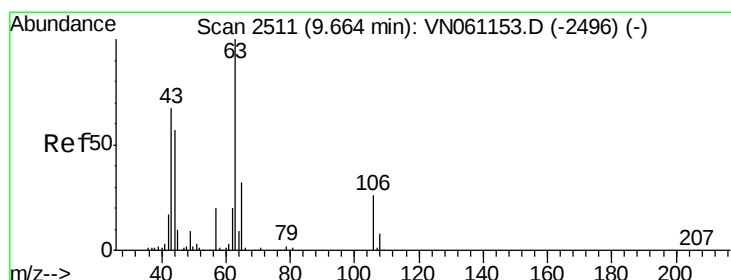
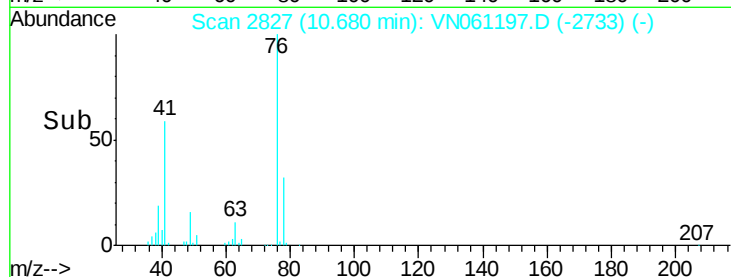
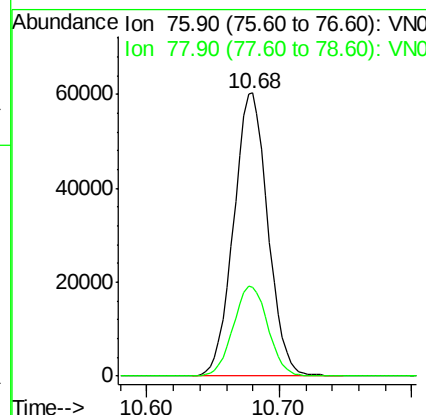
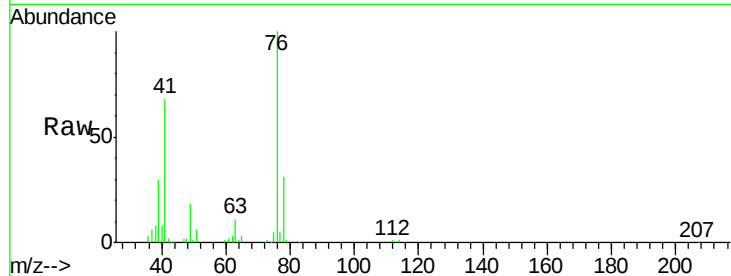
#57
 1,3-Dichloropropane
 Concen: 51.513 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 107894
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3

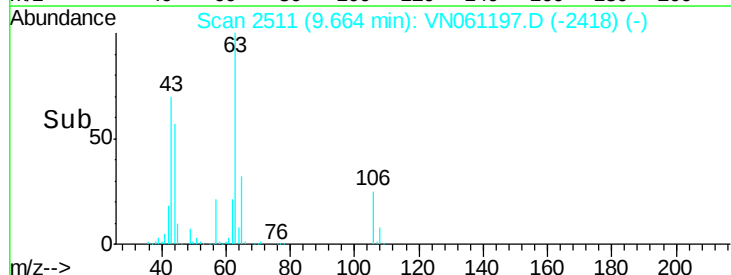
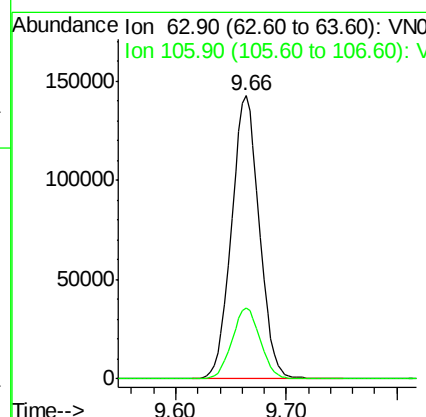
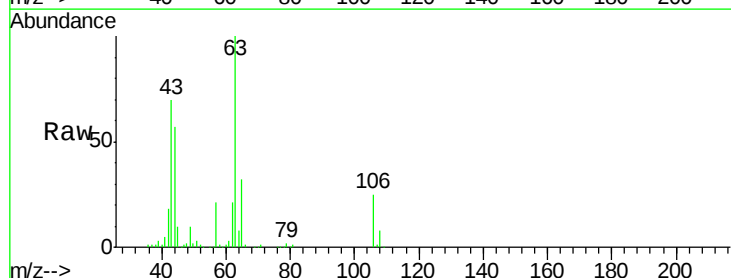
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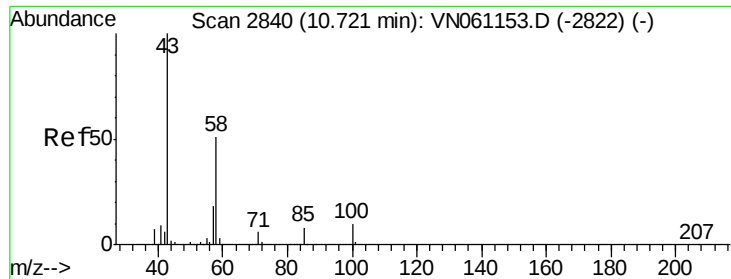
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#58
 2-Chloroethyl Vinyl ether
 Concen: 258.610 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion: 63 Resp: 249437
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.6 30.8





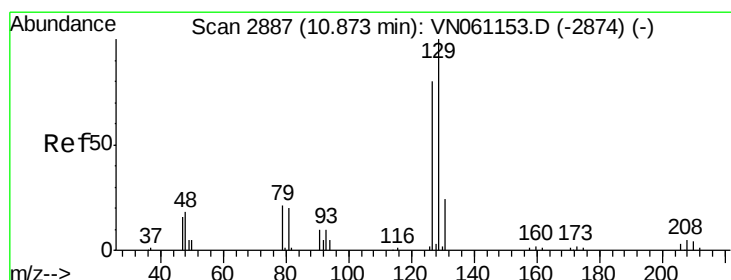
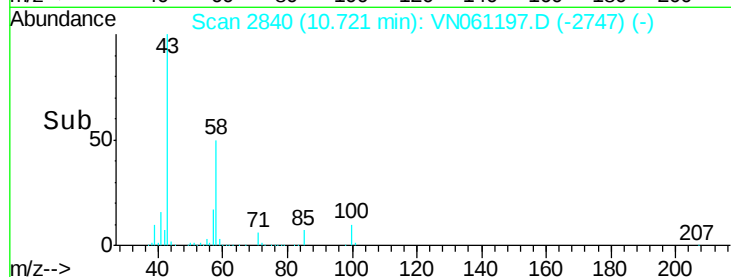
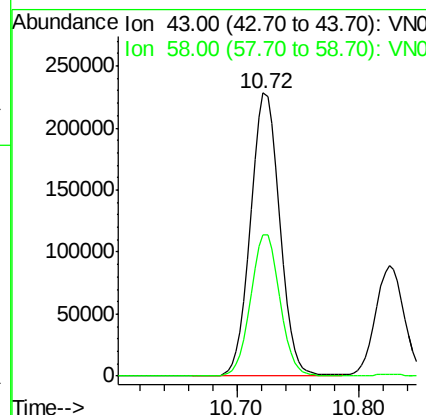
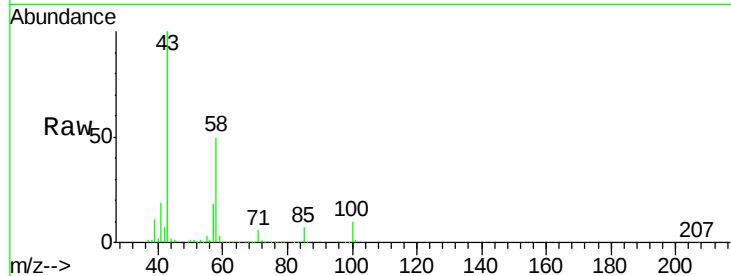
#59
2-Hexanone
Concen: 270.608 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	375344
Ion Ratio	100	Lower	Upper
43	100		
58	49.9	25.4	76.4

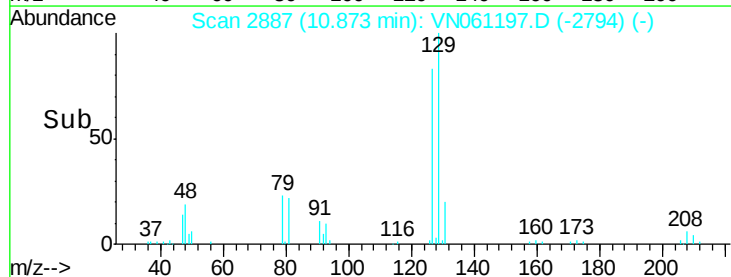
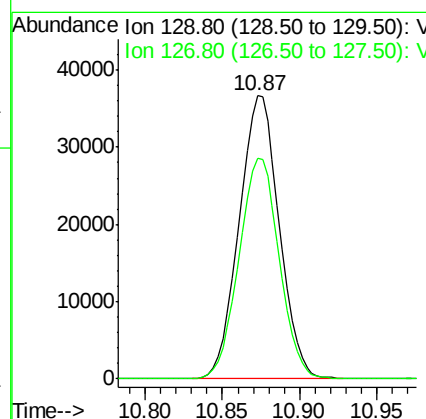
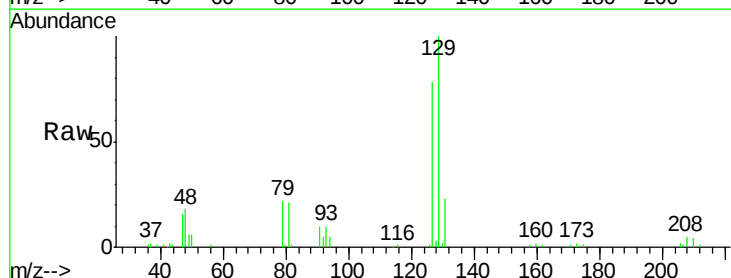
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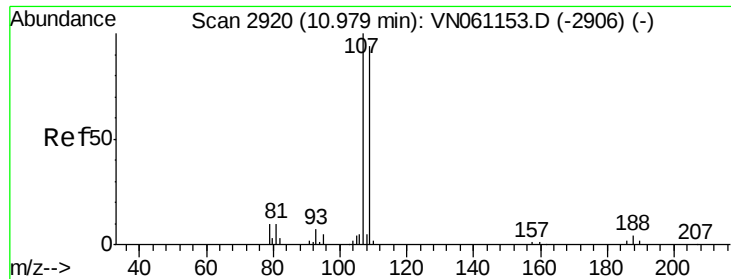
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#60
Dibromochloromethane
Concen: 52.860 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	129	Resp	65970	
Ion Ratio	129	100	Lower	Upper
129	100			
127	78.2	39.3	117.8	





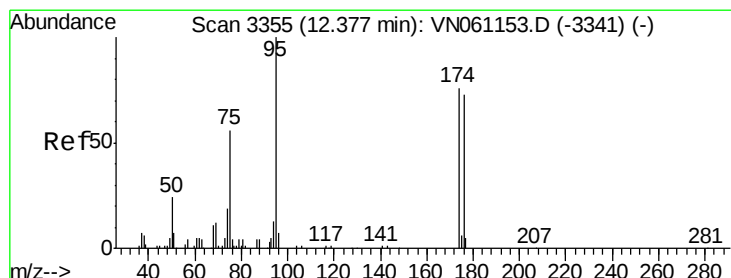
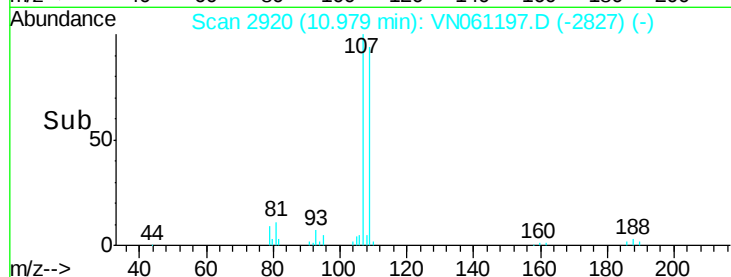
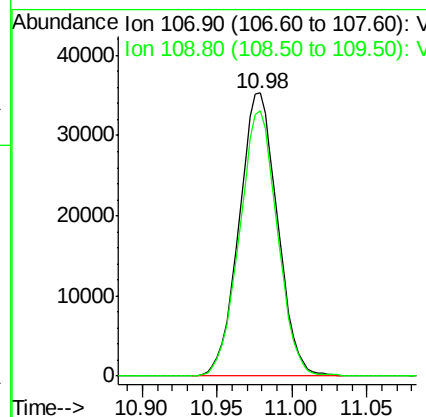
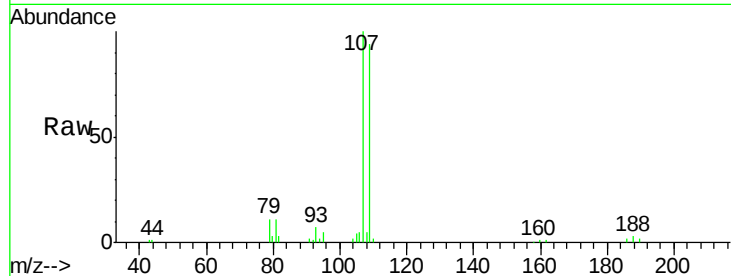
#61
 1,2-Dibromoethane
 Concen: 52.789 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	74.8	112.2

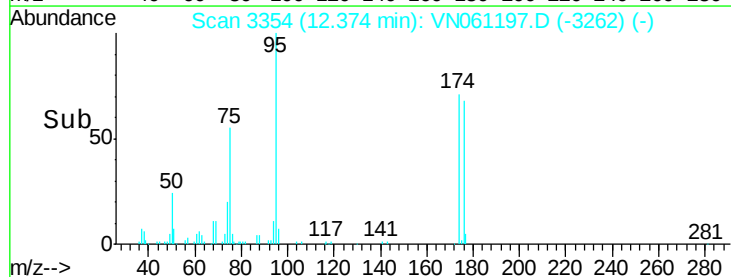
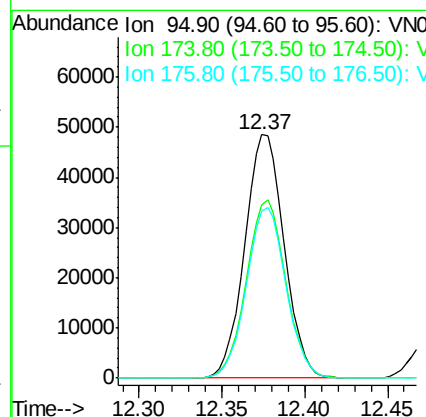
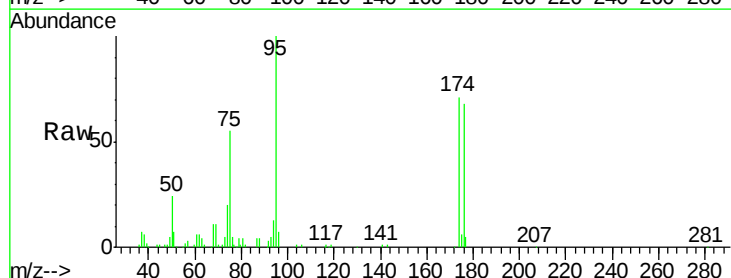
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 53.065 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	149.4
176	70.2	0.0	144.8





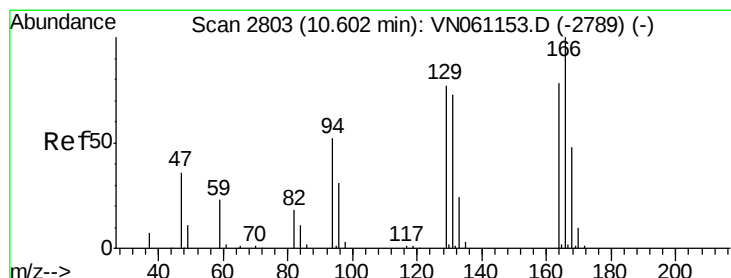
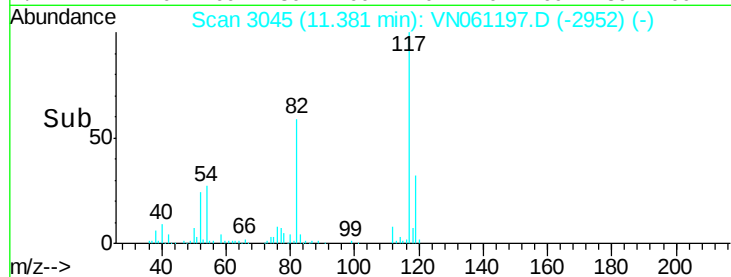
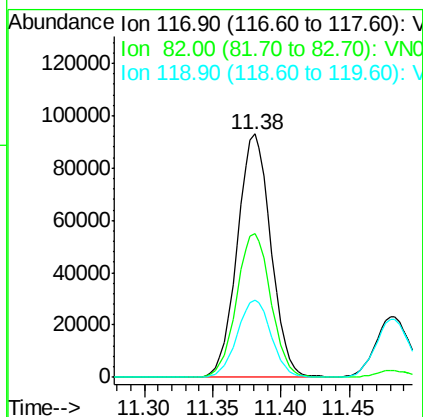
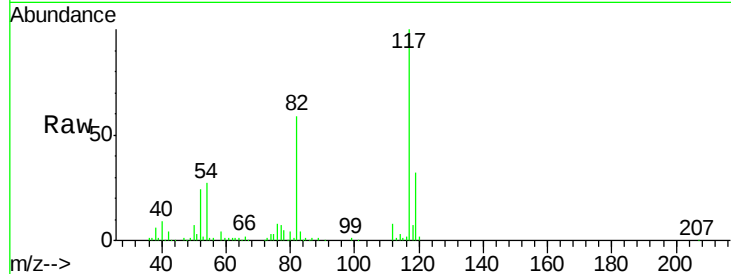
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	159194		
82	59.1	47.8	71.8	
119	31.7	25.8	38.6	

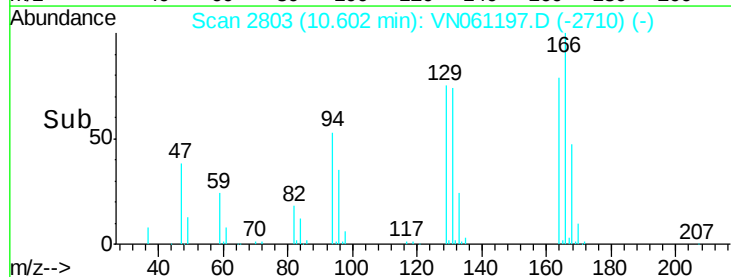
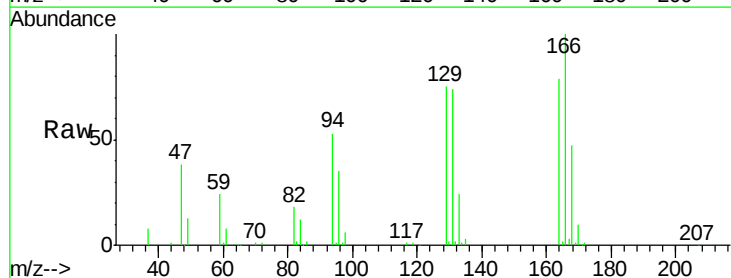
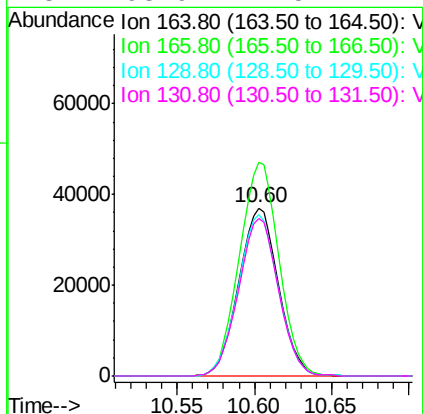
Manual Integrations
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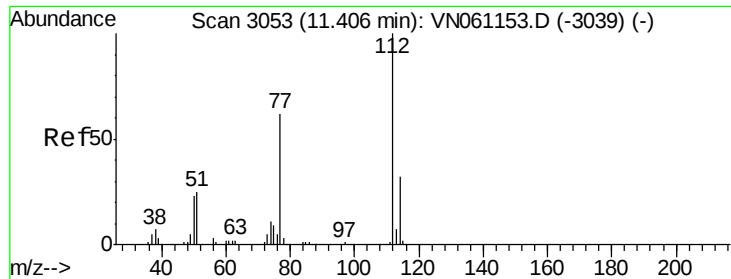
MMDadoda
4/30/2020 2:11:03 PM



#64
Tetrachloroethene
Concen: 47.844 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	65967		
166	126.9	102.0	153.0	
129	95.7	78.2	117.2	
131	93.9	74.5	111.7	





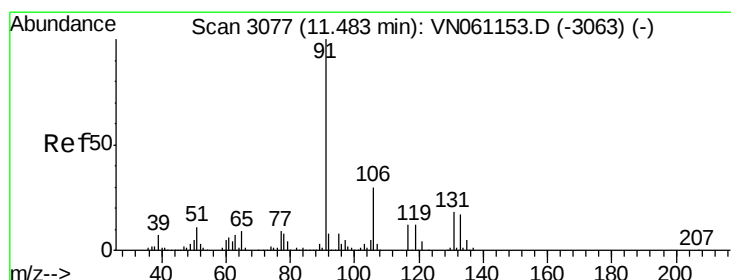
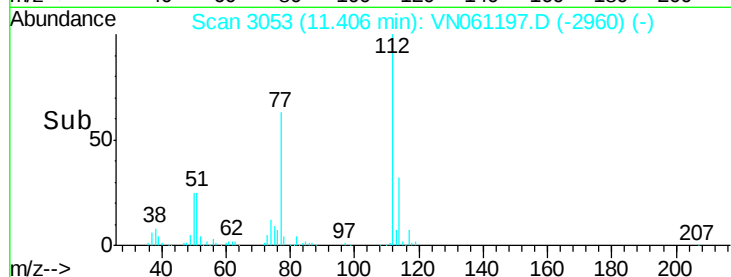
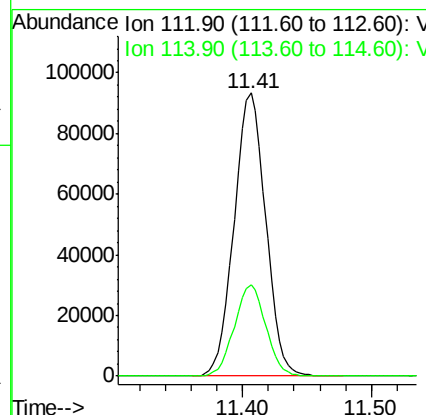
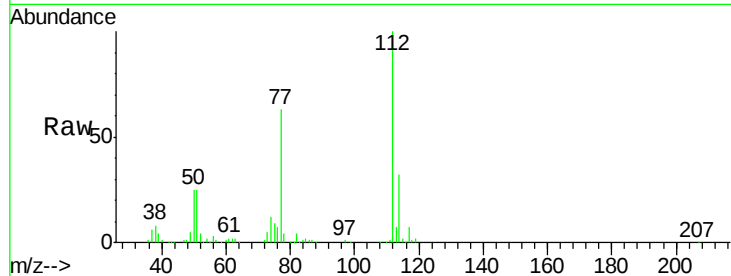
#65
Chlorobenzene
Concen: 50.381 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.4	38.2

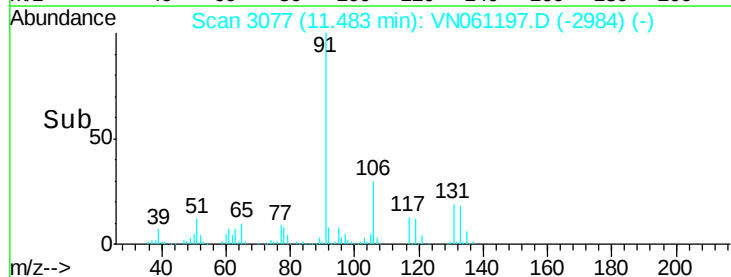
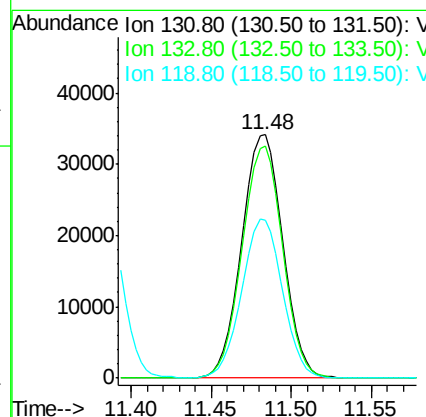
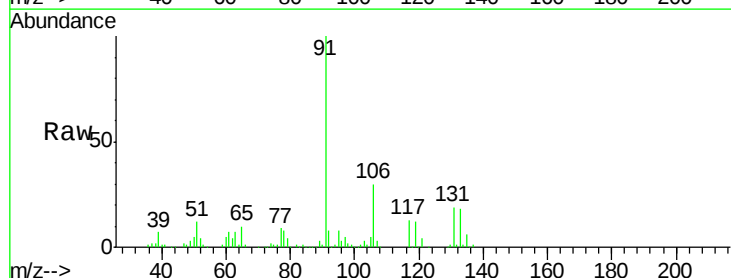
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.933 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	48.0	144.2
119	64.5	32.6	97.8





#67

Ethyl Benzene

Concen: 51.297 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 303245

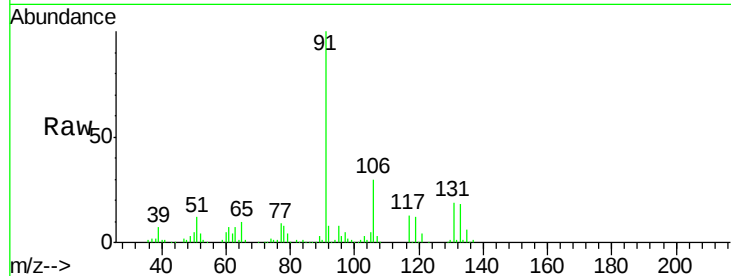
Ion Ratio Lower Upper

91 100

106 29.9 23.8 35.6

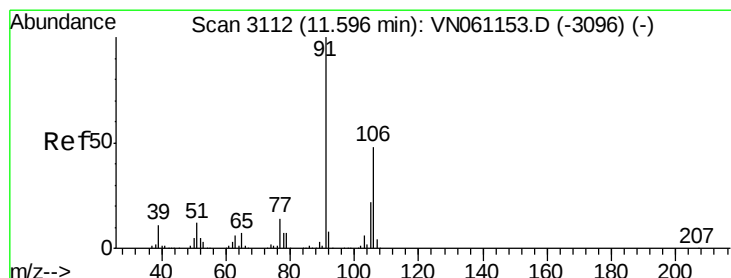
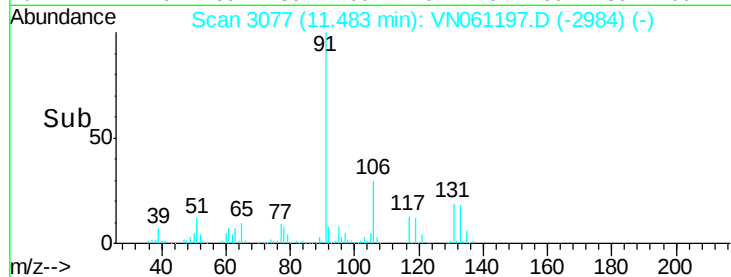
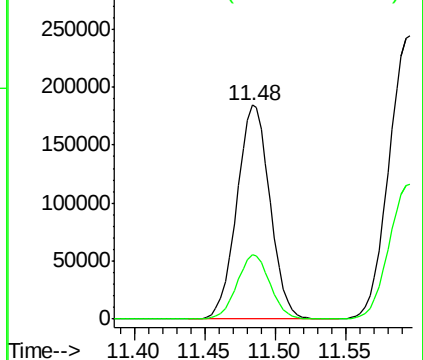
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3063) (-)

Ion 106.00 (105.70 to 106.70): VN061153.D (-3063) (-)



#68

m/p-Xylenes

Concen: 102.902 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061197.D

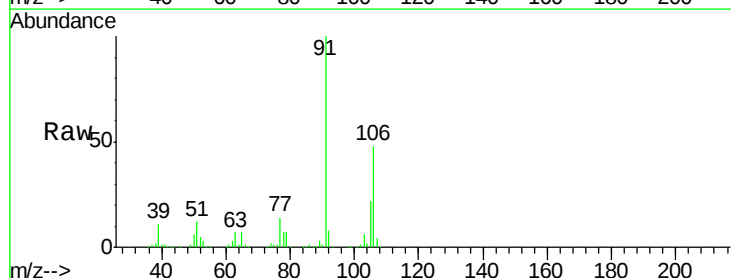
Acq: 29 Apr 2020 17:19

Tgt Ion: 106 Resp: 222658

Ion Ratio Lower Upper

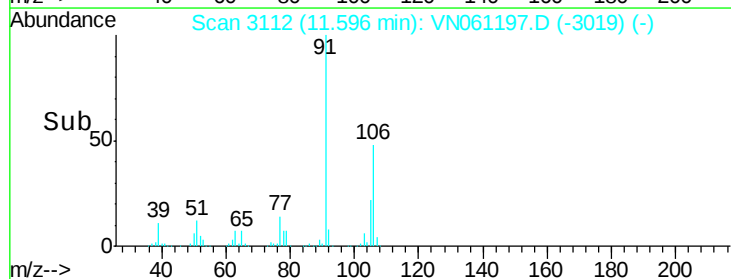
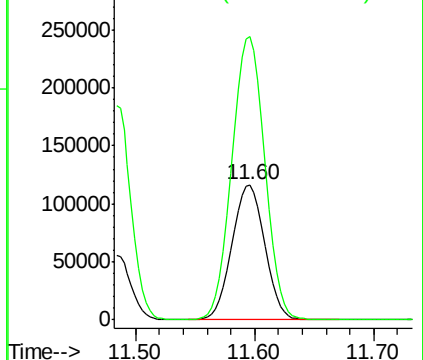
106 100

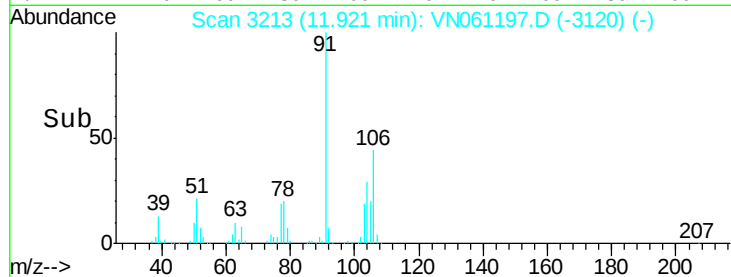
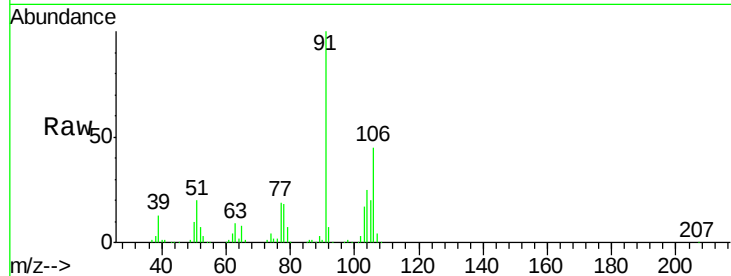
91 210.7 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): VN061153.D (-3096) (-)

Ion 91.00 (90.70 to 91.70): VN061153.D (-3096) (-)





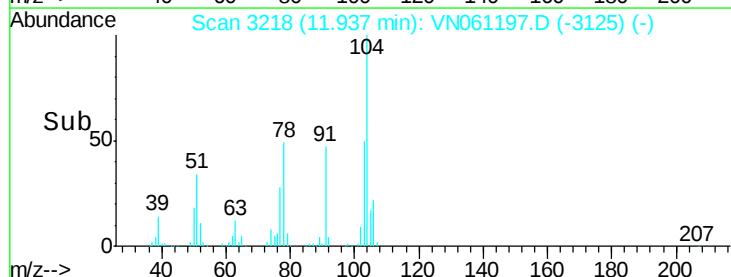
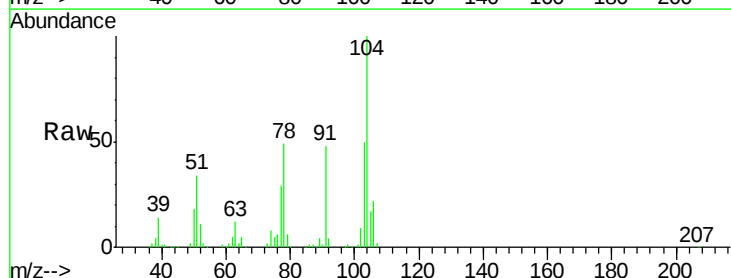
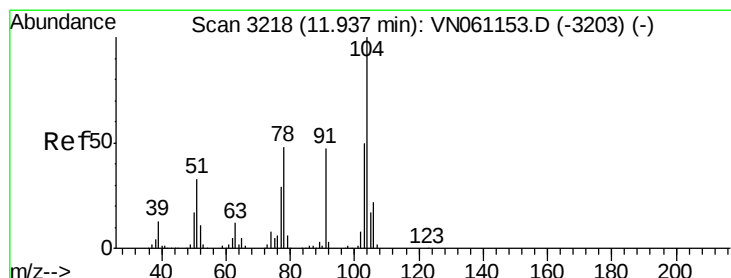
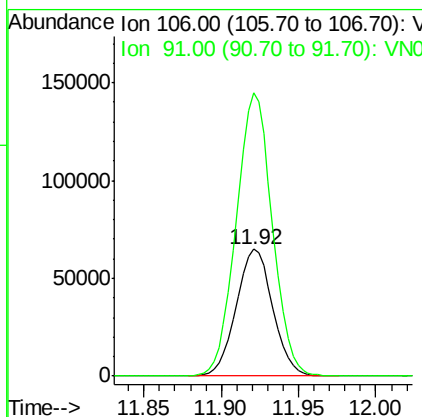
#69
o-Xylene
Concen: 51.115 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tot Ion: 106 Resp: 106240
Ion Ratio Lower Upper
106 100
91 220.7 109.7 329.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

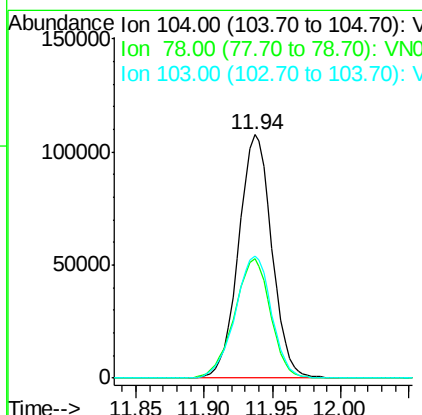
Manual Integrations
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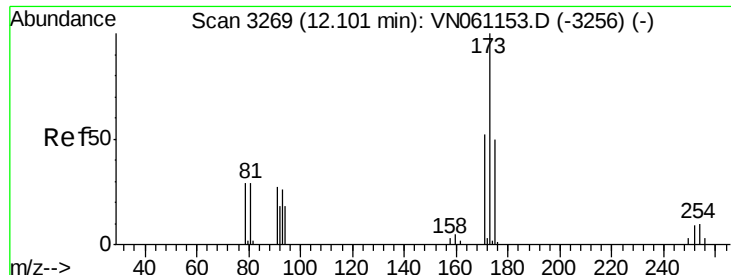
MMDadoda
4/30/2020 2:11:03 PM



#70
Styrene
Concen: 52.291 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion: 104 Resp: 181906
Ion Ratio Lower Upper
104 100
78 53.5 42.1 63.1
103 54.7 43.3 64.9





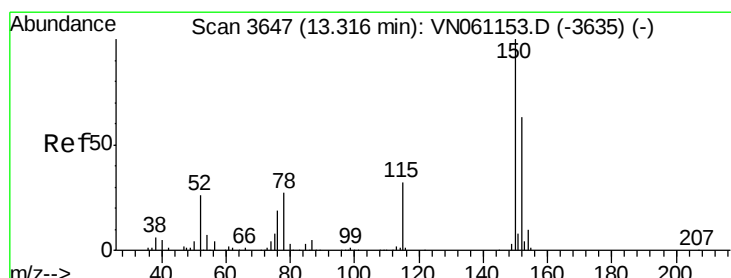
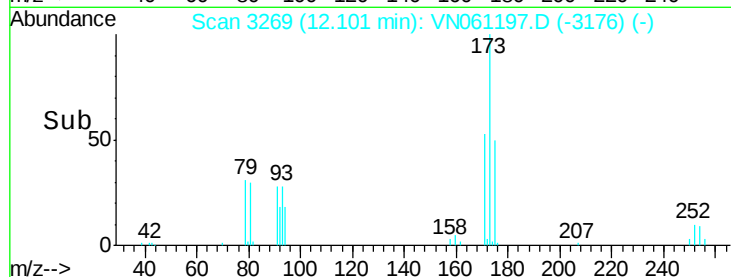
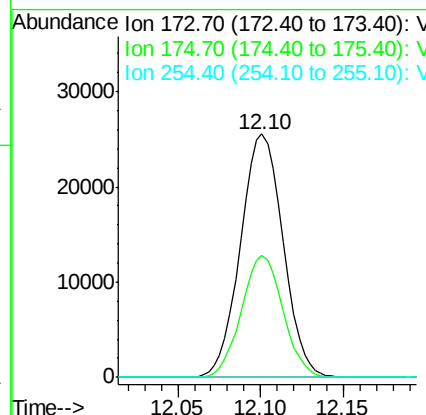
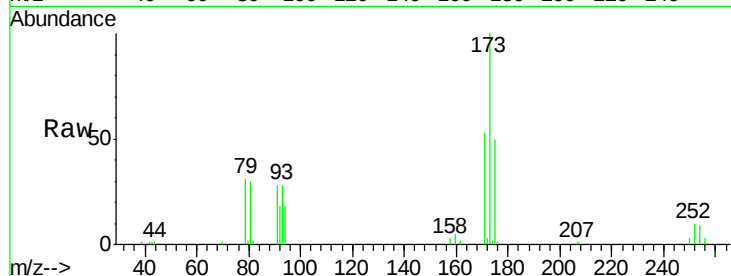
#71
Bromoform
Concen: 54.966 ug/l
RT: 12.10 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 45658
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0

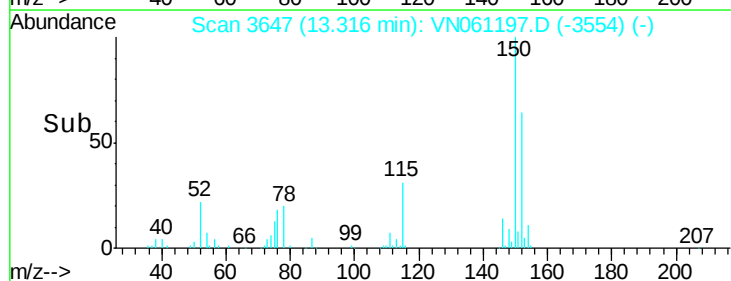
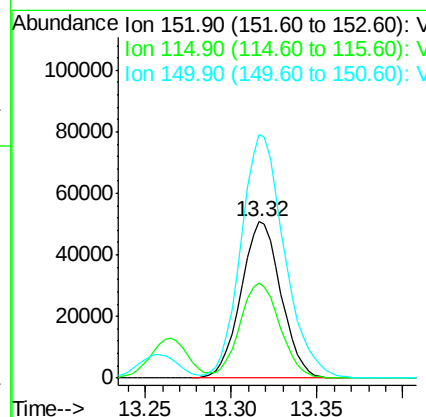
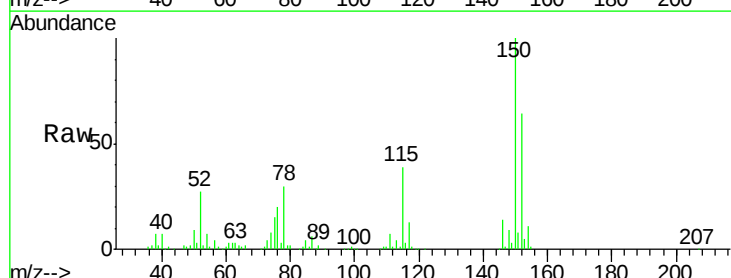
Manual Integrations
APPROVED

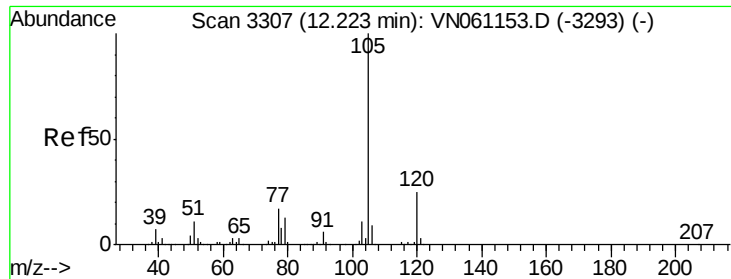
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion:152 Resp: 82018
Ion Ratio Lower Upper
152 100
115 61.4 31.0 93.0
150 170.2 0.0 351.8





#73

Isopropylbenzene

Concen: 48.276 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 291084

Ion Ratio Lower Upper

105 100

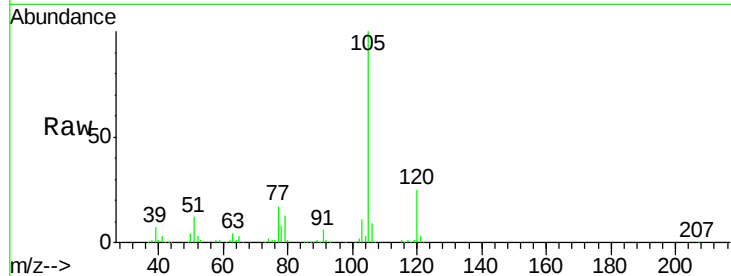
120 25.3 12.6 37.8

Manual Integrations

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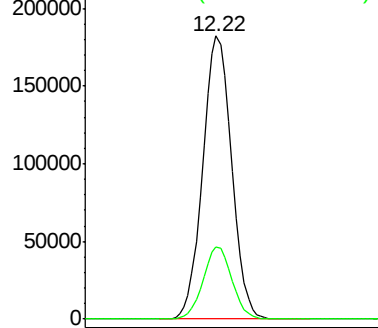
MMDadoda

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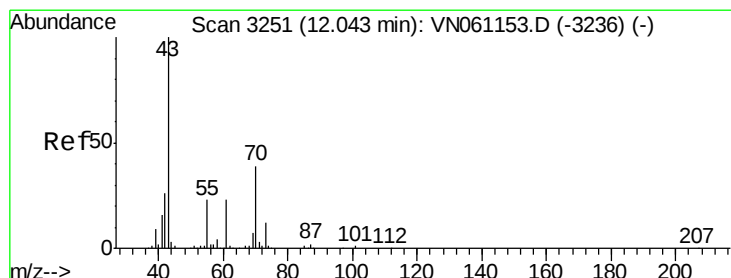
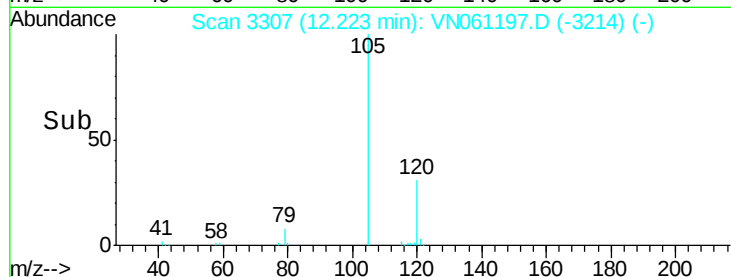


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 49.053 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Tgt Ion: 43 Resp: 149770

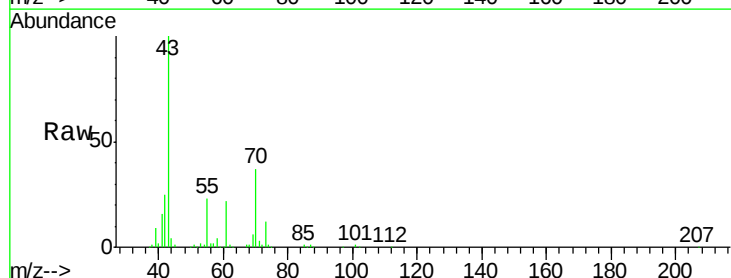
Ion Ratio Lower Upper

43 100

70 37.1 30.6 46.0

55 23.3 18.5 27.7

61 21.9 17.9 26.9

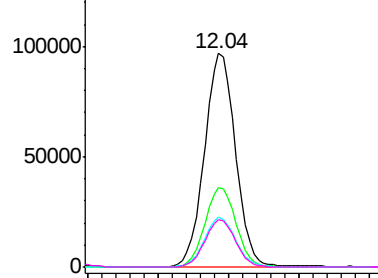


Abundance Ion 43.00 (42.70 to 43.70): V

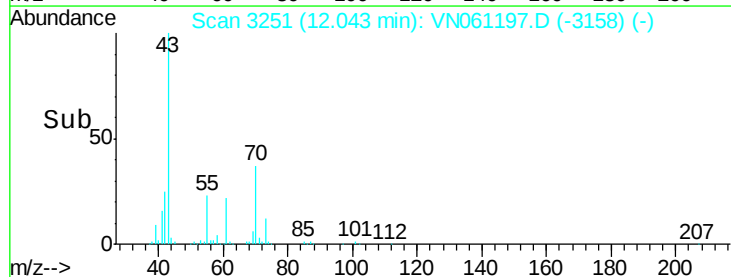
Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.270 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

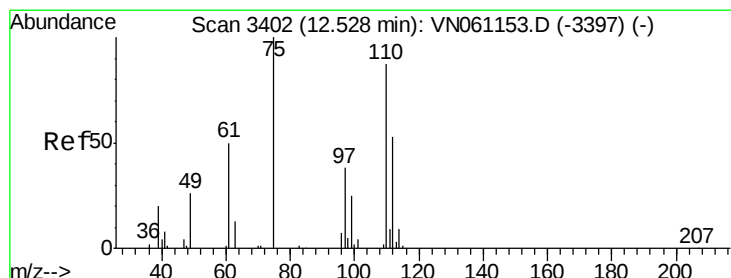
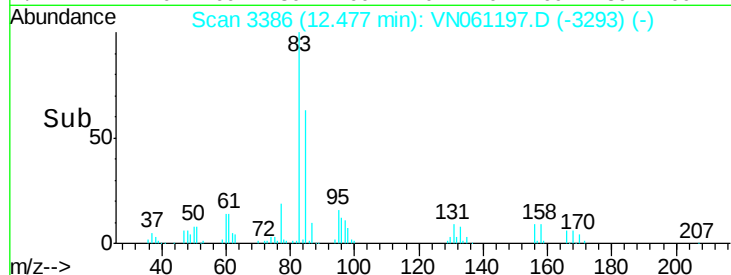
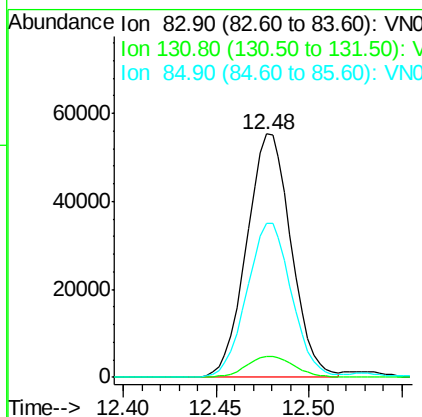
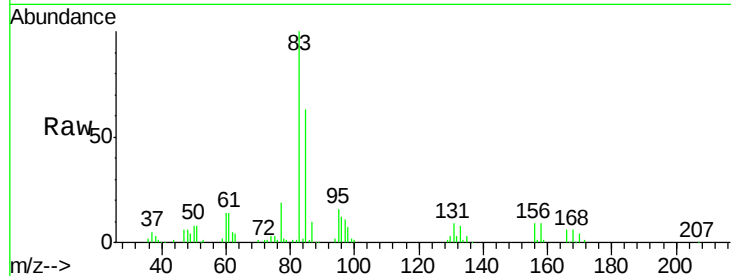
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	92632
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.3
85	63.7	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.588 ug/l m

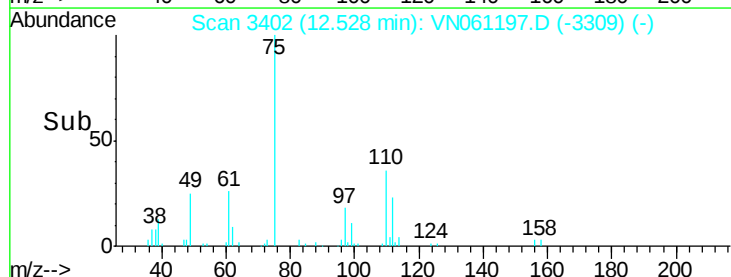
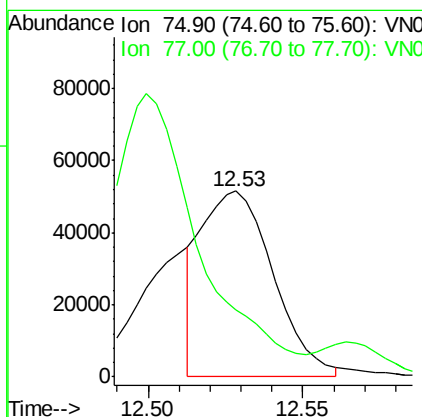
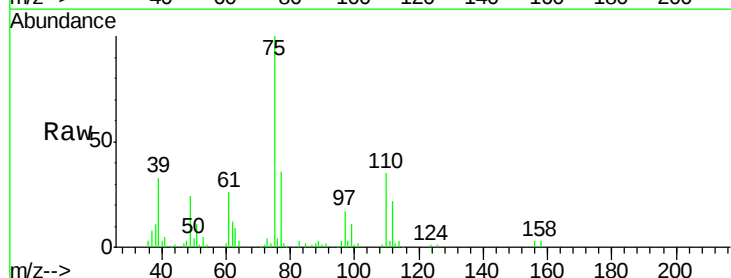
RT: 12.53 min Scan# 3402

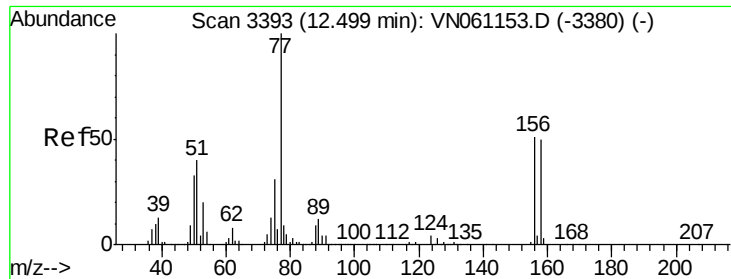
Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Tgt Ion:	75	Resp:	84016
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





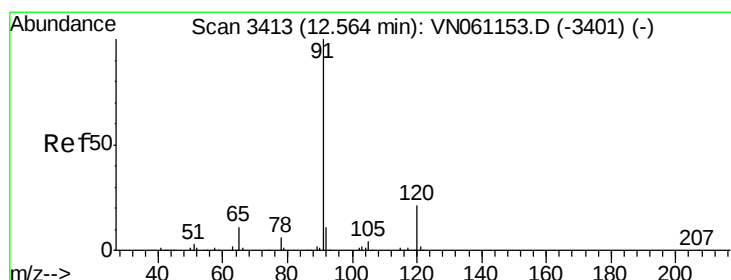
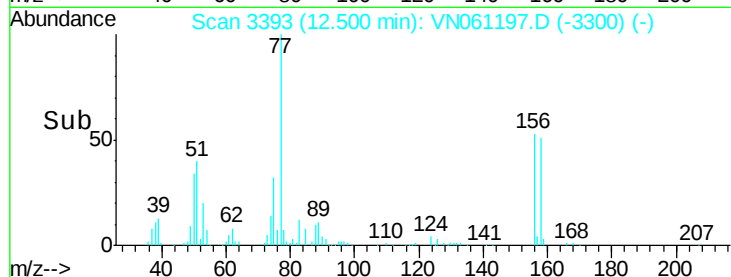
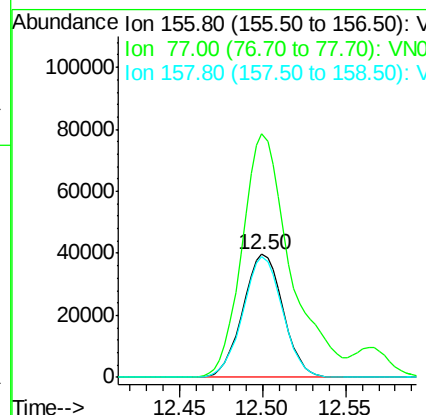
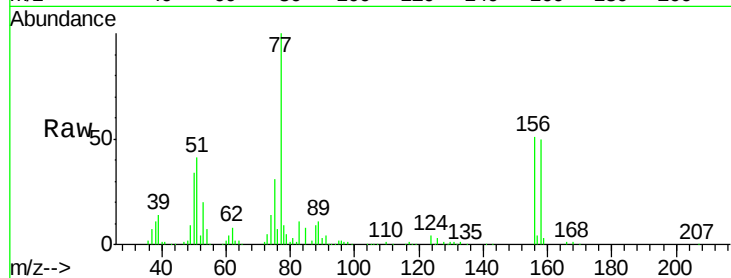
#77
Bromobenzene
Concen: 48.104 ug/l
RT: 12.50 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	239.0	117.4	352.2
158	96.8	48.4	145.0

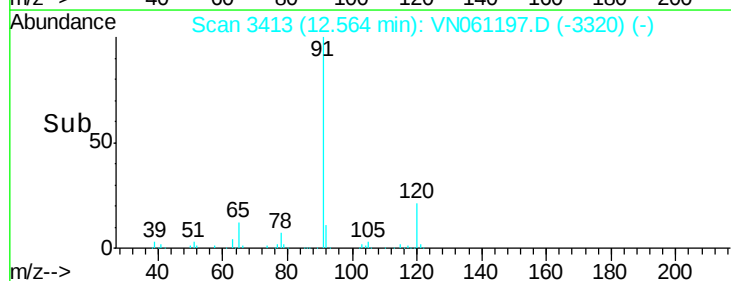
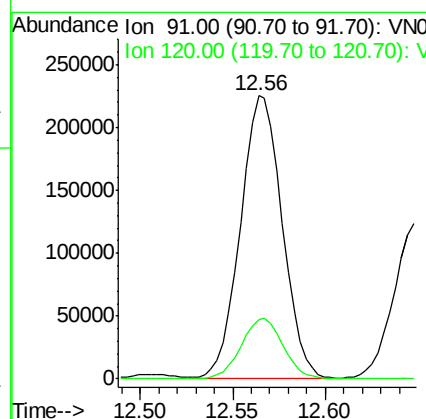
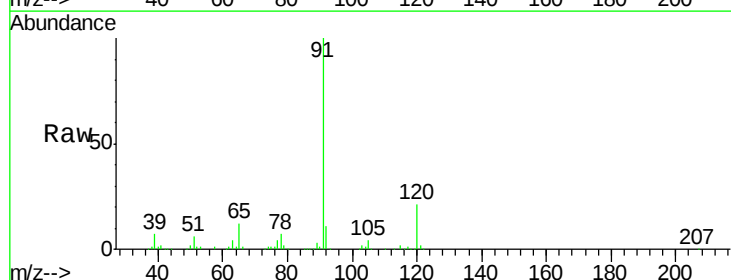
Manual Integrations
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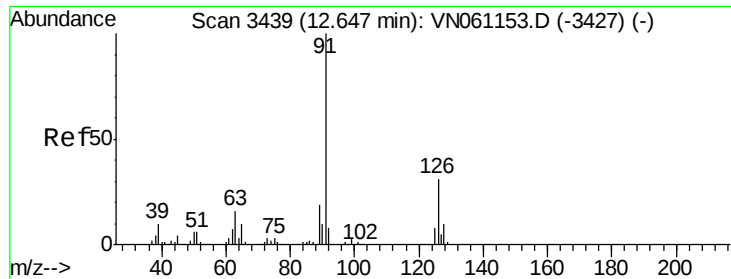
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#78
n-propylbenzene
Concen: 48.842 ug/l
RT: 12.56 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.3





#79

2-Chlorotoluene

Concen: 48.378 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 203362

Ion Ratio Lower Upper

91 100

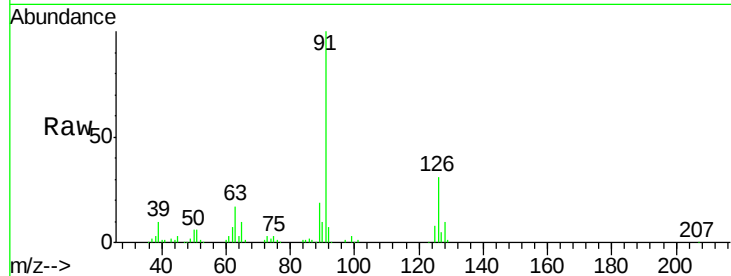
126 31.8 15.9 47.7

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

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

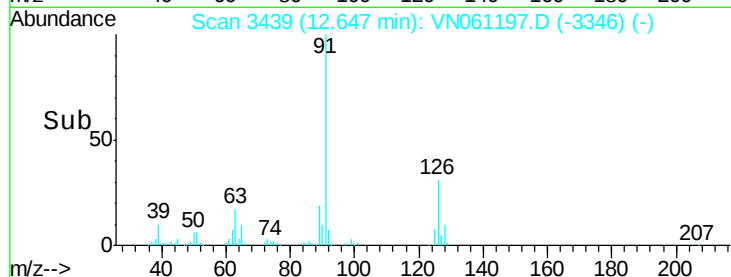
150000

100000

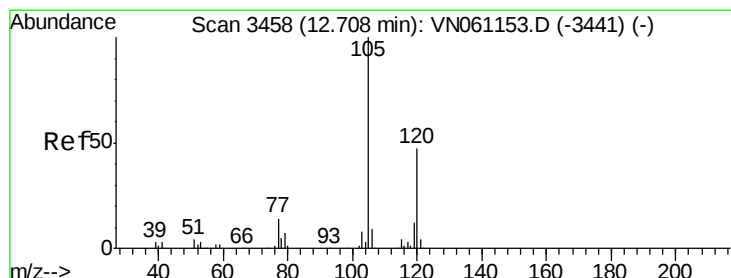
50000

0

12.60 12.65 12.70



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.479 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061197.D

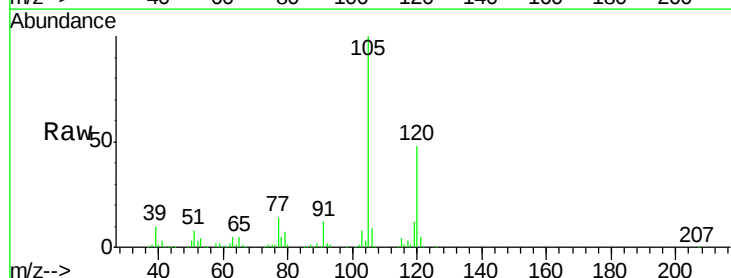
Acq: 29 Apr 2020 17:19

Tgt Ion: 105 Resp: 246921

Ion Ratio Lower Upper

105 100

120 47.4 23.9 71.7



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

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

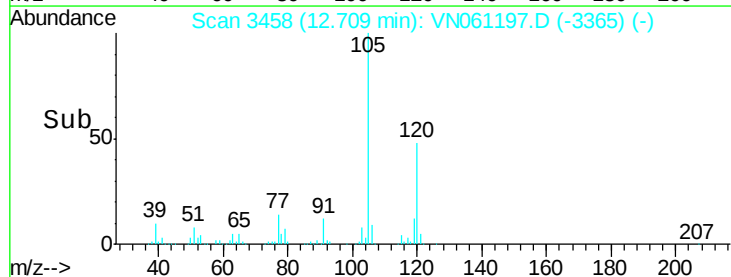
150000

100000

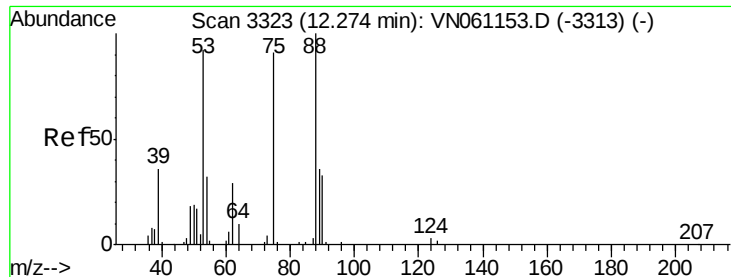
50000

0

12.65 12.70 12.75 12.80



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 49.490 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 33698

Ion Ratio Lower Upper

75 100

53 108.2 84.1 126.1

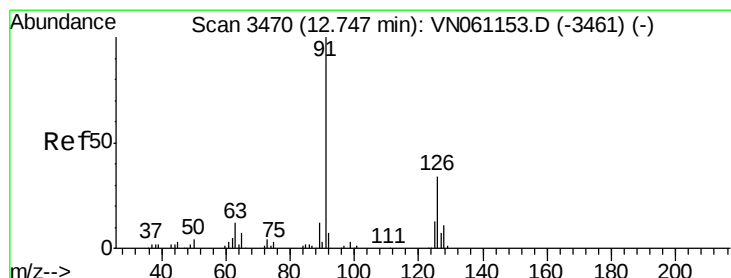
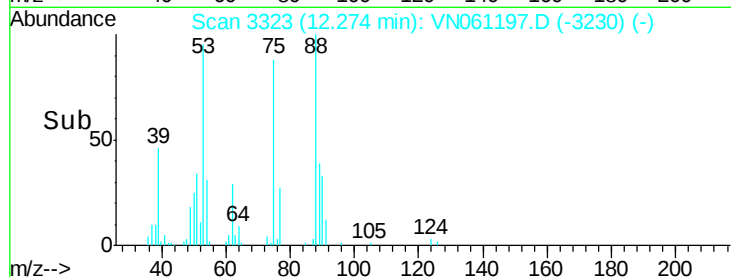
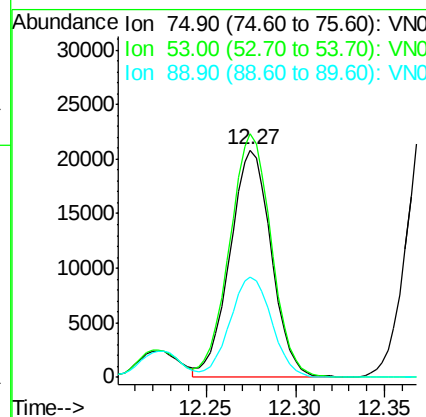
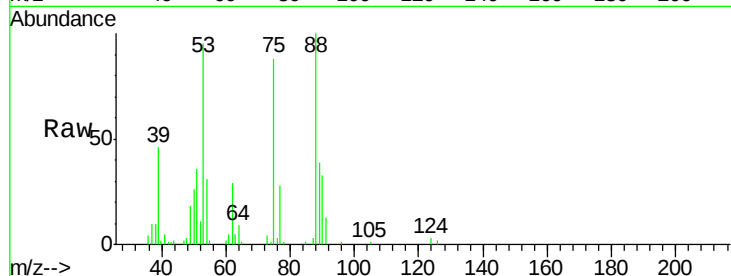
89 44.6 35.2 52.8

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#82

4-Chlorotoluene

Concen: 48.930 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061197.D

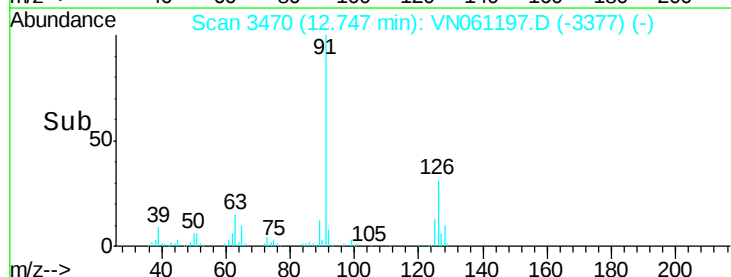
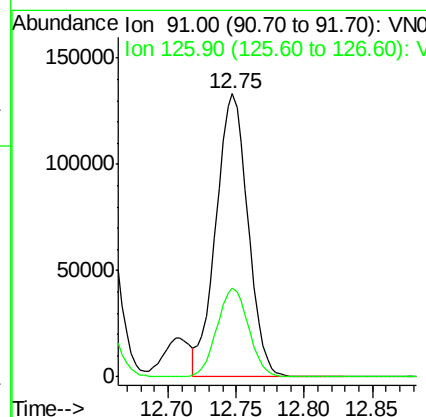
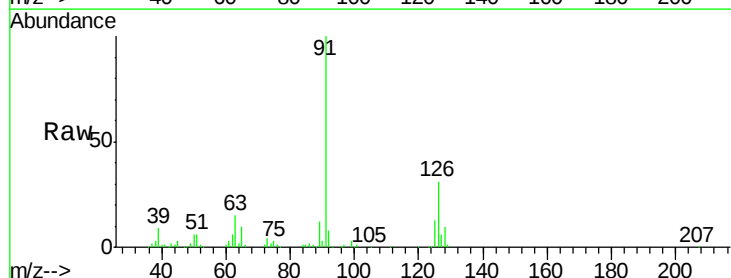
Acq: 29 Apr 2020 17:19

Tgt Ion: 91 Resp: 216781

Ion Ratio Lower Upper

91 100

126 31.1 15.7 47.1





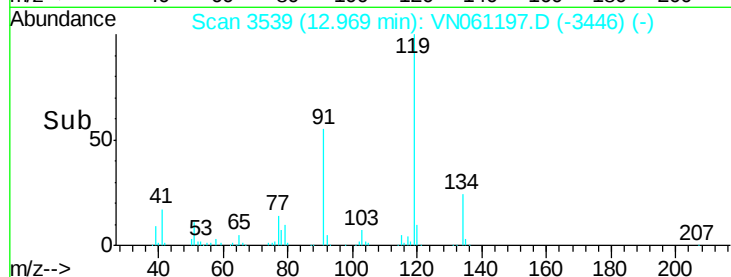
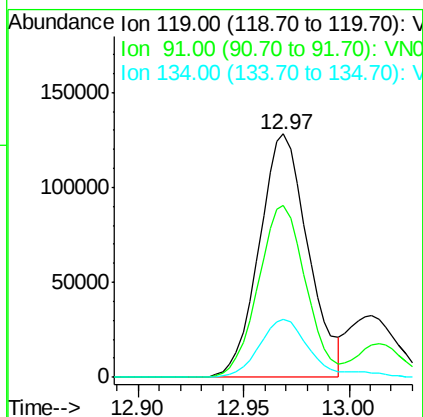
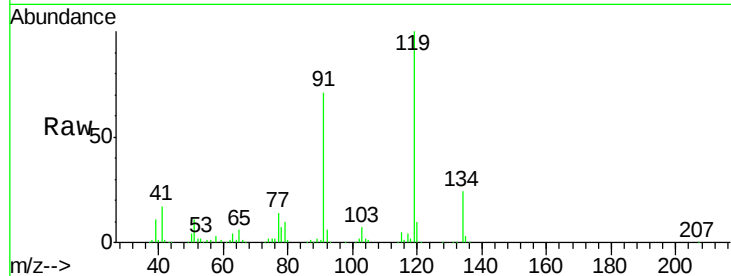
#83
 tert-Butylbenzene
 Concen: 49.097 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	206598		
91	68.8		34.8	104.4
134	25.2		12.9	38.7

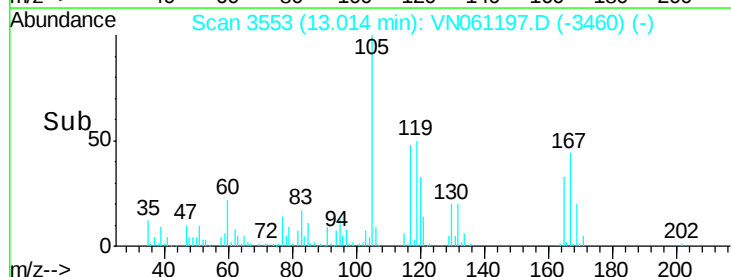
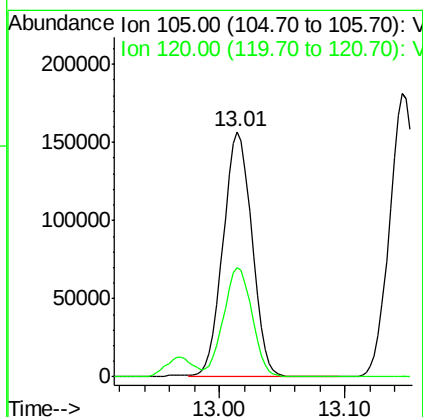
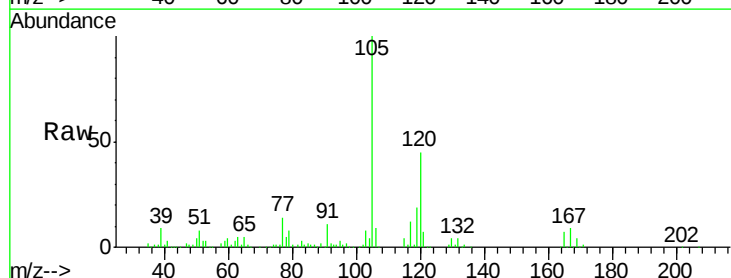
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.812 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250963		
120	44.3		22.2	66.6





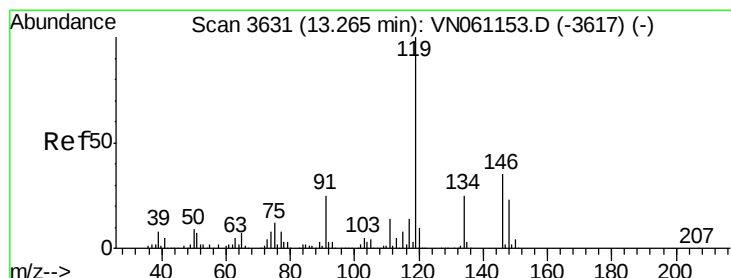
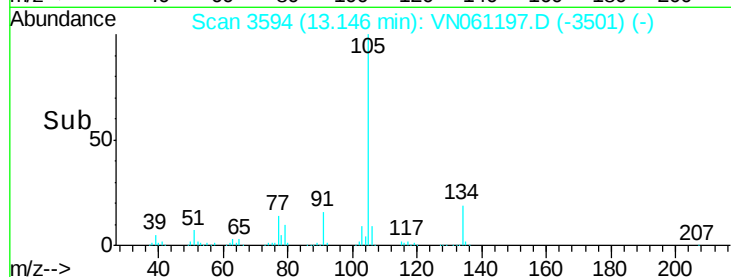
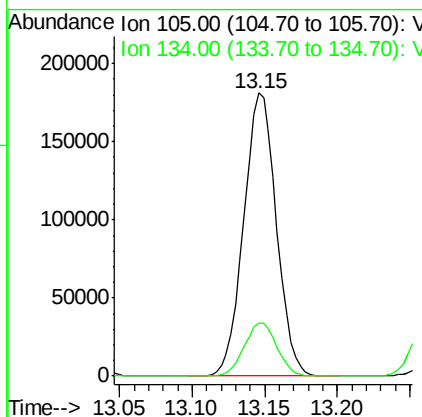
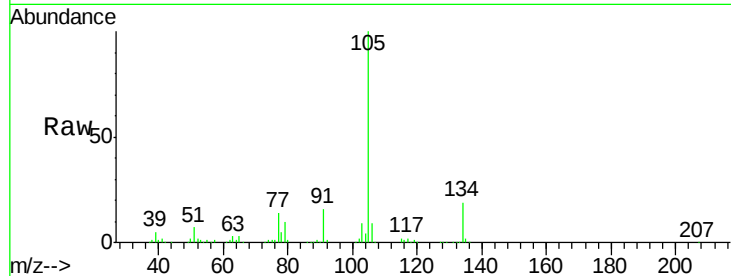
#85
 sec-Butylbenzene
 Concen: 49.496 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.6	28.8

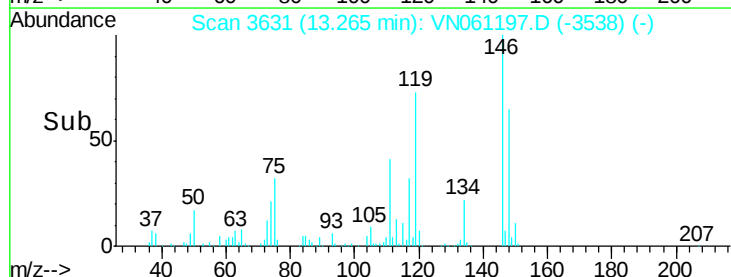
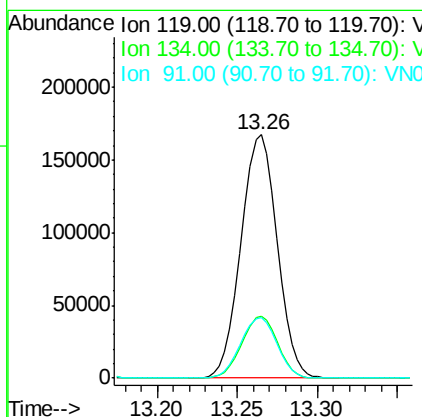
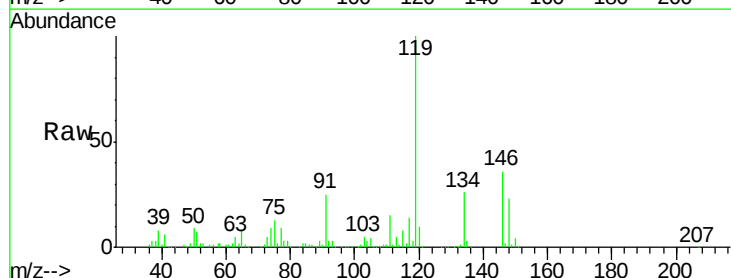
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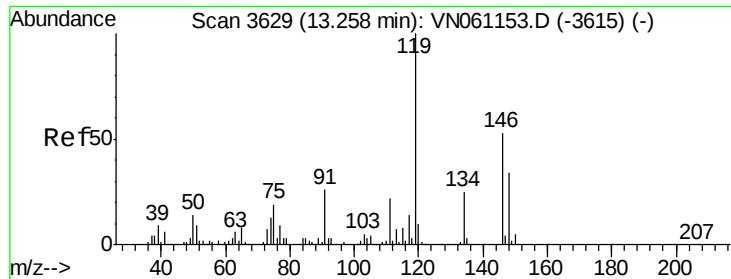
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#86
 p-Isopropyltoluene
 Concen: 49.819 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.6	37.6
91	25.2	12.7	38.0





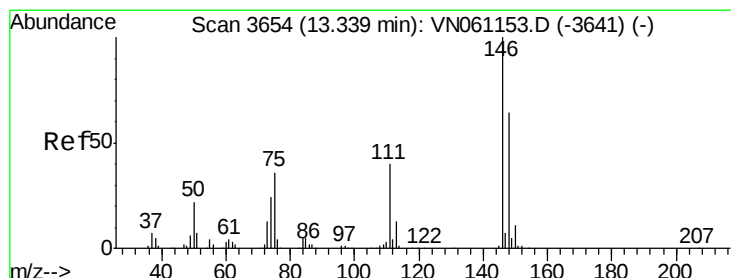
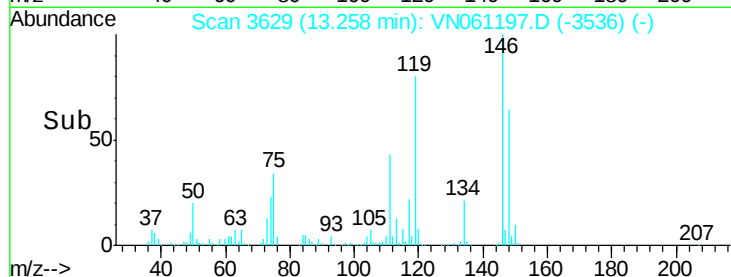
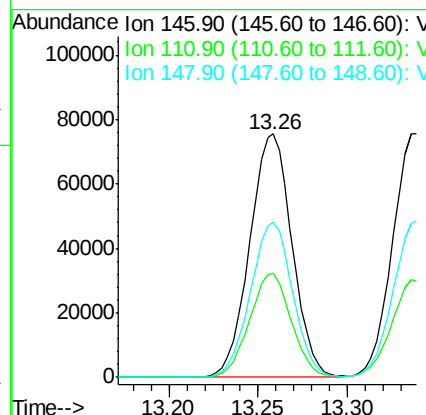
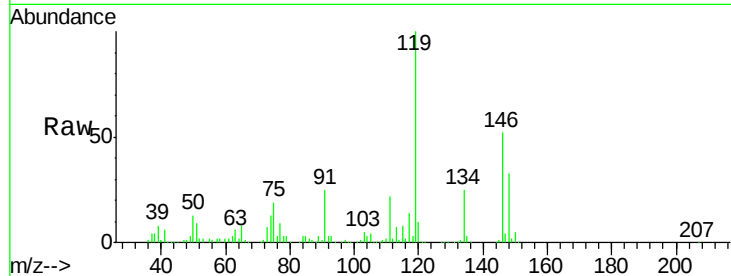
#87
 1,3-Dichlorobenzene
 Concen: 48.667 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.7	62.1
148	63.8	31.8	95.3

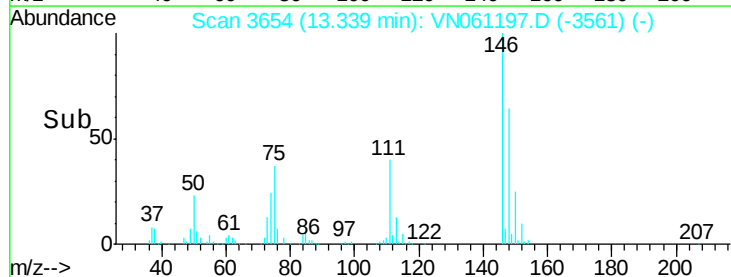
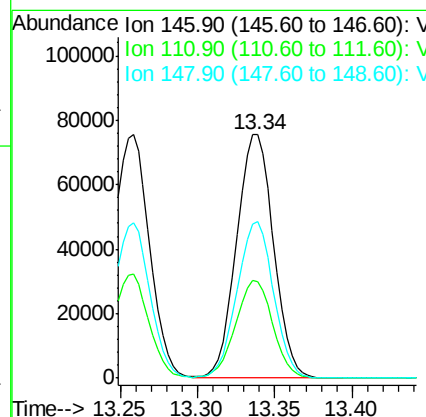
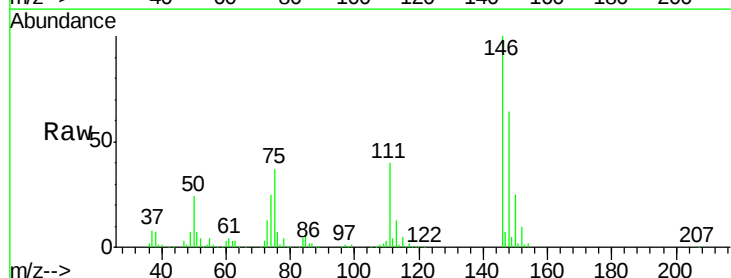
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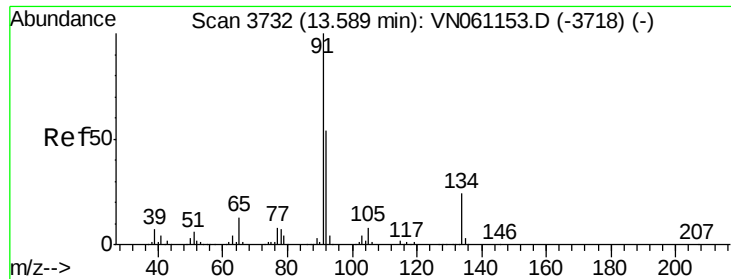
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#88
 1,4-Dichlorobenzene
 Concen: 47.855 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.4	61.3
148	63.6	31.9	95.7





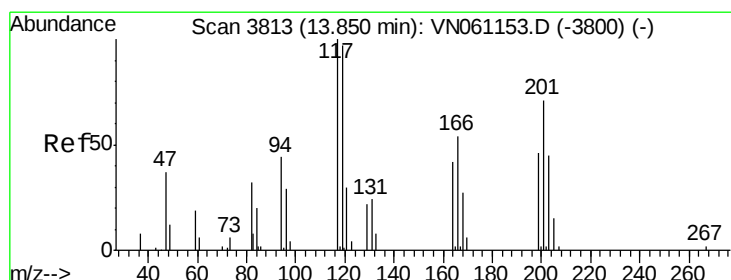
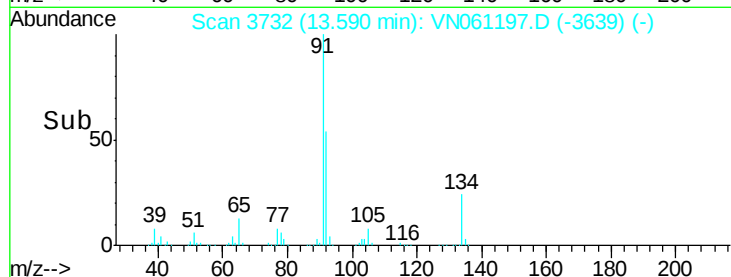
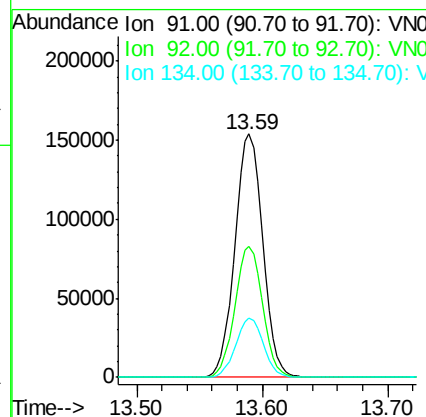
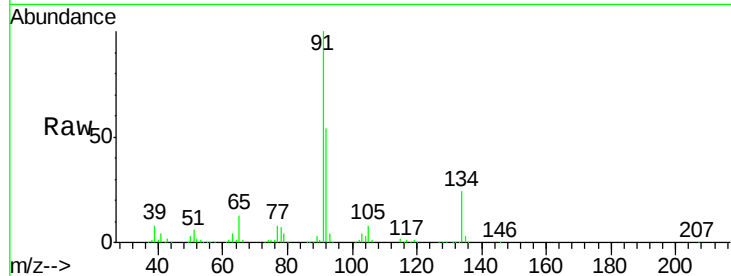
#89
n-Butylbenzene
Concen: 50.041 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	237126		
92	53.2	26.8	80.3	
134	24.1	11.9	35.5	

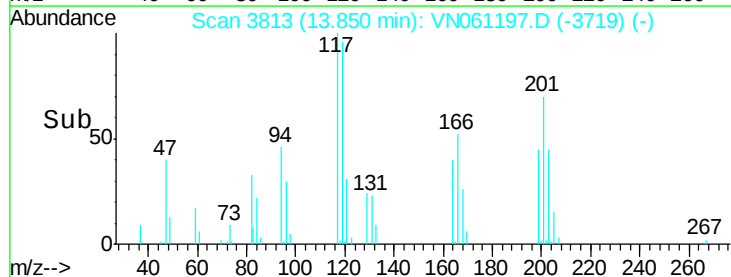
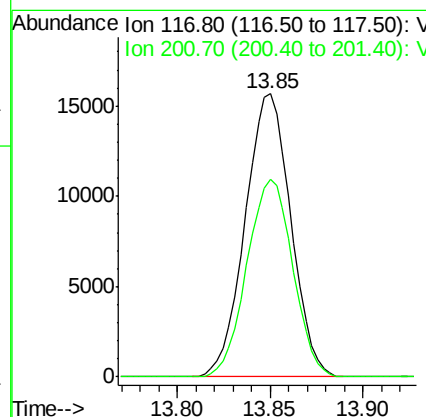
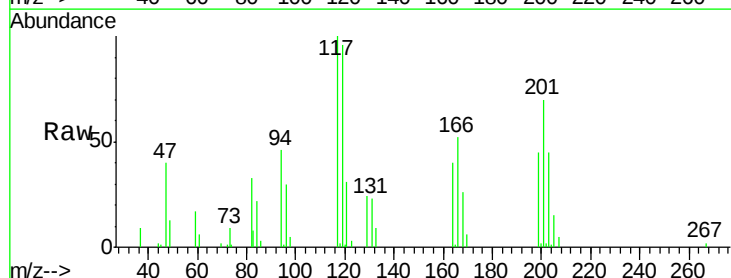
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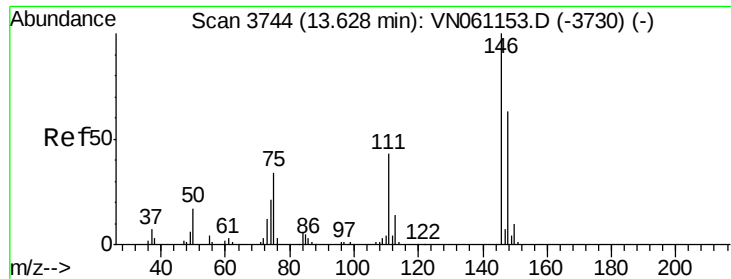
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#90
Hexachloroethane
Concen: 49.949 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26925		
201	69.9	35.5	106.7	





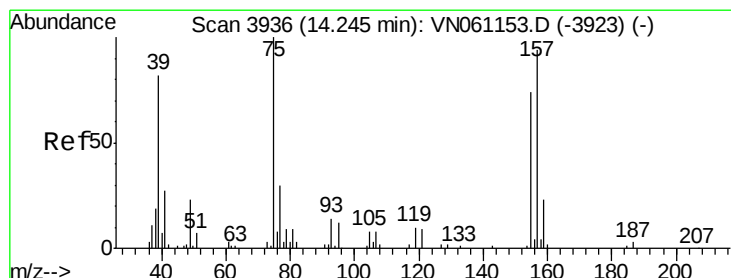
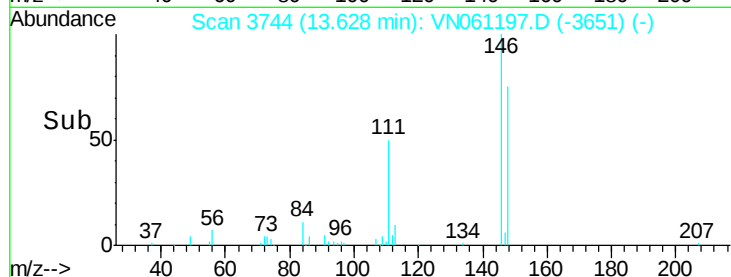
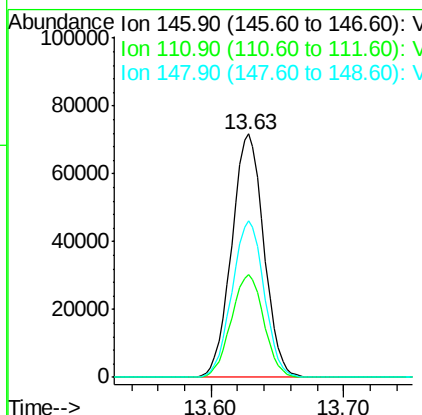
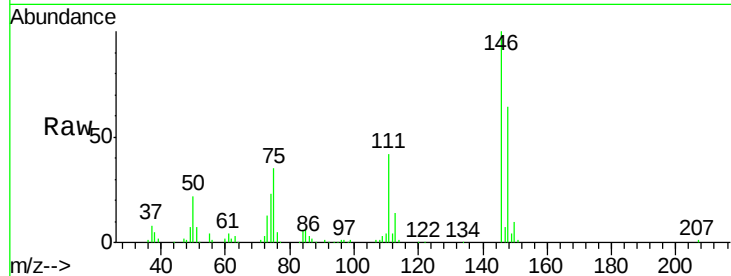
#91
 1,2-Dichlorobenzene
 Concen: 49.165 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	146	Resp:	120793
Ion Ratio	Lower	Upper	
146	100		
111	42.8	21.8	65.3
148	64.2	31.6	95.0

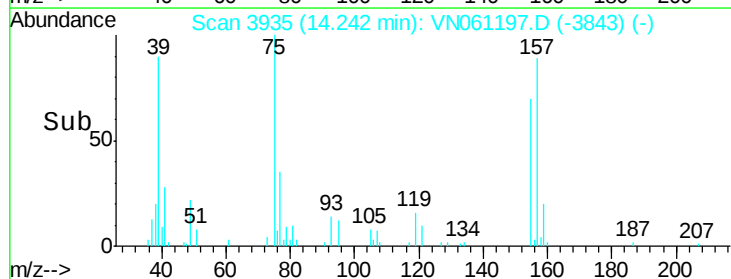
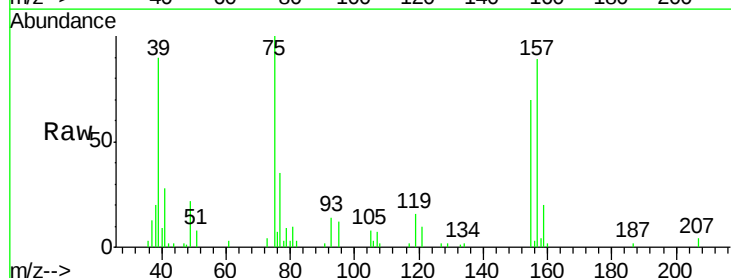
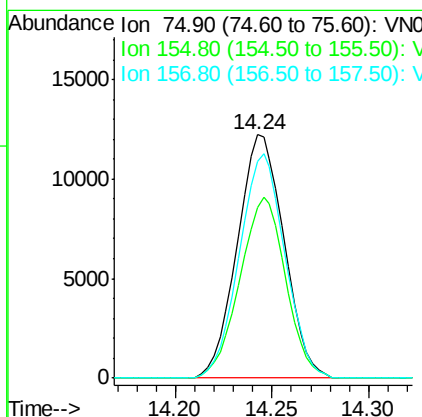
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.723 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion:	75	Resp:	20538
Ion Ratio	Lower	Upper	
75	100		
155	72.7	36.5	109.7
157	90.2	46.6	139.7





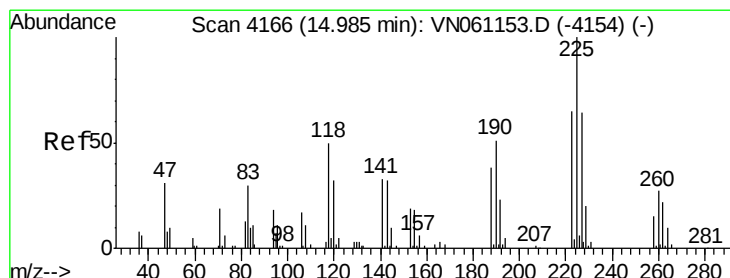
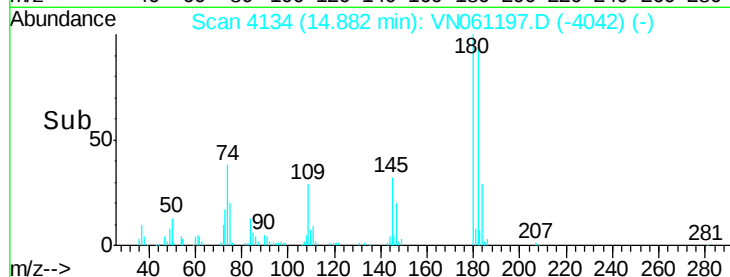
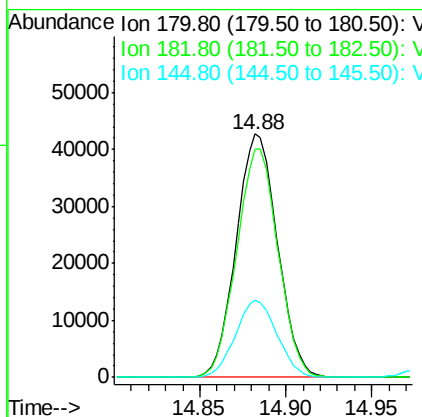
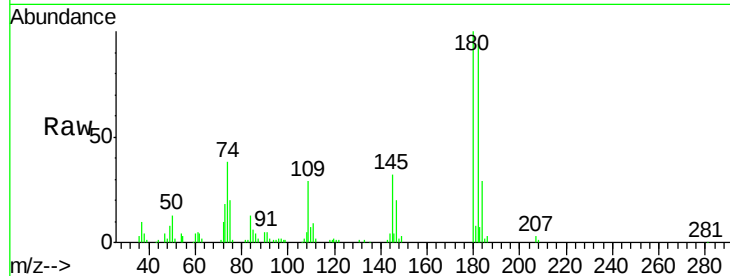
#93
 1,2,4-Trichlorobenzene
 Concen: 47.494 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	141.9
145	31.7	16.0	47.9

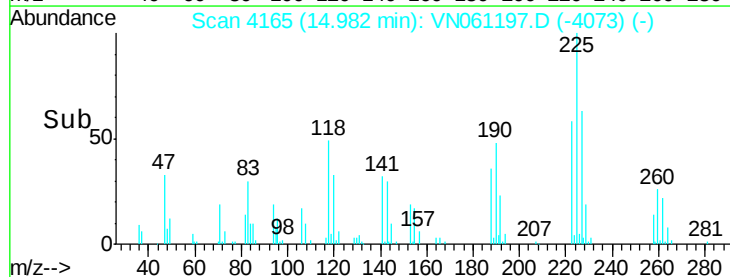
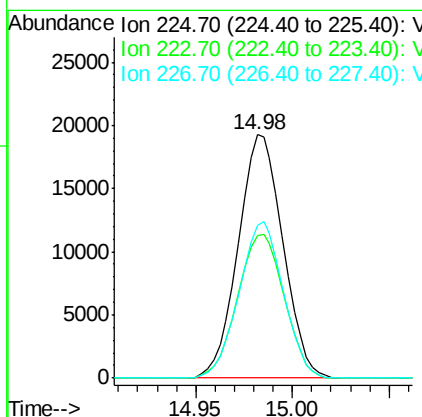
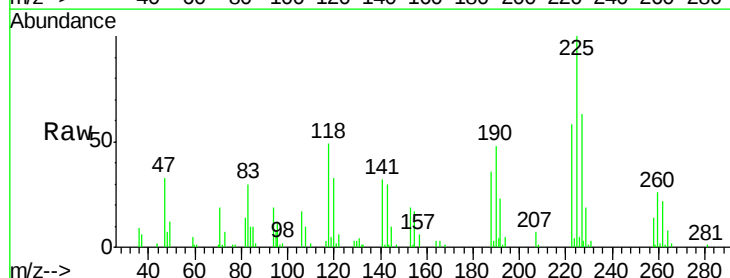
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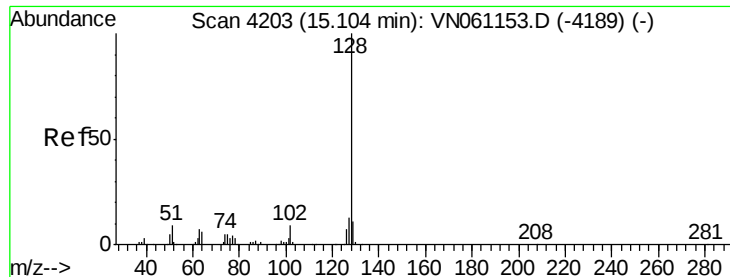
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#94
 Hexachlorobutadiene
 Concen: 49.627 ug/l
 RT: 14.98 min Scan# 4165
 Delta R.T. -0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.4	97.0
227	63.6	32.4	97.0





#95

Naphthalene

Concen: 47.810 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

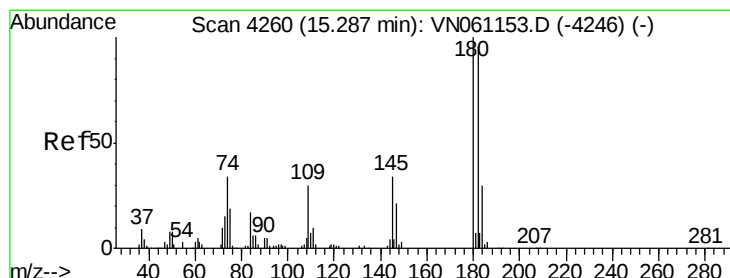
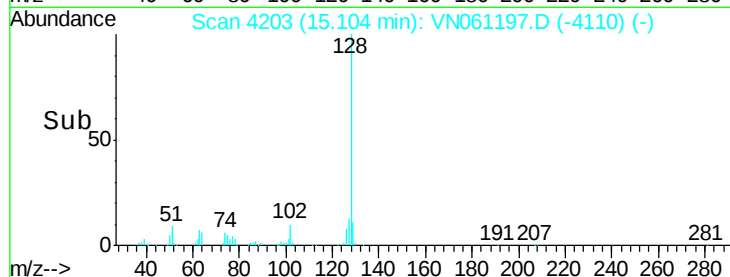
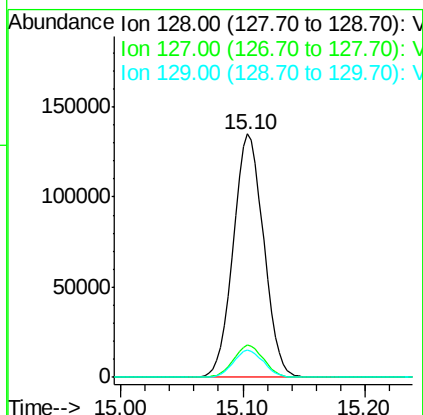
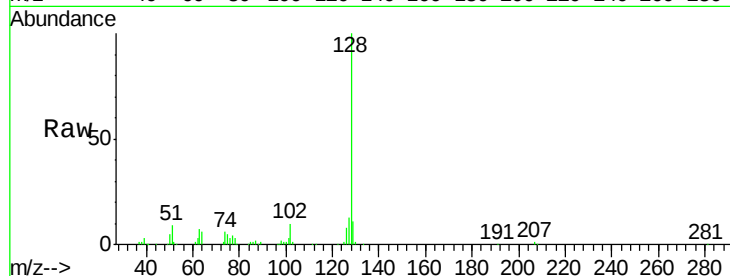
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	232948
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.1	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 47.354 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Tgt Ion:	180	Resp:	69947
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.5	142.5
145	33.3	16.9	50.7

