

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061379.D
 Acq On : 11 May 2020 10:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 5/12/2020 3:33:57 PM

Quant Time: May 12 08:43:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	108062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	177134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	167894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	83470	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.54	113	47842	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
50) Toluene-d8	10.06	98	225906	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.37	95	84893	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	56069	48.930	ug/l	100
3) Chloromethane	2.03	50	75965	54.736	ug/l	99
4) Vinyl Chloride	2.16	62	83687	53.090	ug/l	99
5) Bromomethane	2.53	94	33929	43.544	ug/l	99
6) Chloroethane	2.67	64	50726	50.770	ug/l	100
7) Trichlorofluoromethane	2.98	101	106174	59.701	ug/l	99
8) Diethyl Ether	3.37	74	43038	58.018	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65136	56.852	ug/l	99
10) Methyl Iodide	3.90	142	60146	40.849	ug/l	99
11) Tert butyl alcohol	4.72	59	57052	249.080	ug/l	100
12) 1,1-Dichloroethene	3.69	96	59269	51.984	ug/l	99
13) Acrolein	3.56	56	31737	207.920	ug/l	95
14) Allyl chloride	4.27	41	130883	61.912	ug/l	96
15) Acrylonitrile	4.92	53	199900	284.302	ug/l	99
16) Acetone	3.77	43	193258	293.199	ug/l	99
17) Carbon Disulfide	4.01	76	117317	37.250	ug/l	99
18) Methyl Acetate	4.27	43	106952	49.558	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	234592	53.847	ug/l	99
20) Methylene Chloride	4.50	84	70841	53.132	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	66391	53.476	ug/l	97
22) Diisopropyl ether	5.90	45	278464	56.803	ug/l	99
23) Vinyl Acetate	5.84	43	1095629	277.571	ug/l	100
24) 1,1-Dichloroethane	5.79	63	141586	55.278	ug/l	99
25) 2-Butanone	6.78	43	283712	280.407	ug/l	100
26) 2,2-Dichloropropane	6.77	77	123424	57.210	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	78540	53.908	ug/l	99
28) Bromochloromethane	7.15	49	65048	53.581	ug/l	96
29) Tetrahydrofuran	7.16	42	183306	268.950	ug/l	99
30) Chloroform	7.33	83	136661	52.650	ug/l	99
31) Cyclohexane	7.61	56	116925	47.006	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	117109	51.812	ug/l	99
36) 1,1-Dichloropropene	7.75	75	100065	56.432	ug/l	99
37) Ethyl Acetate	6.87	43	117134	56.347	ug/l	99
38) Carbon Tetrachloride	7.73	117	92546	56.874	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	101560	51.072	ug/l	97
40) Benzene	8.00	78	298536	56.511	ug/l	99
41) Methacrylonitrile	7.13	41	57047m	66.095	ug/l	
42) 1,2-Dichloroethane	8.08	62	114301	57.113	ug/l	100
43) Isopropyl Acetate	8.12	43	192437	55.779	ug/l #	92
44) Trichloroethene	8.80	130	74842	52.407	ug/l	99
45) 1,2-Dichloropropane	9.08	63	81539	57.774	ug/l	100
46) Dibromomethane	9.17	93	50714	58.034	ug/l	99
47) Bromodichloromethane	9.37	83	111192	59.282	ug/l	100
48) Methyl methacrylate	9.16	41	88456	56.819	ug/l	100
49) 1,4-Dioxane	9.16	88	17672	1000.022	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	593628	292.327	ug/l	100
52) Toluene	10.12	92	182075	57.221	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	122383	57.907	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	131916	59.040	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	72622	57.219	ug/l	99
56) Ethyl methacrylate	10.40	69	115830	52.243	ug/l	98
57) 1,3-Dichloropropane	10.68	76	129797	58.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	298708	290.756	ug/l	99
59) 2-Hexanone	10.72	43	434184	293.889	ug/l	100
60) Dibromochloromethane	10.87	129	78347	58.939	ug/l	97
61) 1,2-Dibromoethane	10.98	107	72398	56.912	ug/l	99
64) Tetrachloroethene	10.60	164	73397	50.474	ug/l	98
65) Chlorobenzene	11.41	112	186054	55.864	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	71178	59.713	ug/l	99
67) Ethyl Benzene	11.48	91	354199	56.812	ug/l	99
68) m/p-Xylenes	11.59	106	260432	114.122	ug/l	98
69) o-Xylene	11.92	106	122497	55.882	ug/l	97
70) Styrene	11.94	104	213501	58.193	ug/l	99
71) Bromoform	12.10	173	53116	60.631	ug/l #	100
73) Isopropylbenzene	12.22	105	338355	55.895	ug/l	100
74) N-amyl acetate	12.04	43	169249	55.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	105855	56.081	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	96000m	55.299	ug/l	
77) Bromobenzene	12.50	156	76962	55.075	ug/l	96
78) n-propylbenzene	12.56	91	406465	56.610	ug/l	100
79) 2-Chlorotoluene	12.65	91	237788	56.345	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	285158	56.916	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	39157	57.280	ug/l	98
82) 4-Chlorotoluene	12.75	91	255176	57.369	ug/l	99
83) tert-Butylbenzene	12.97	119	232582	55.054	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	289555	56.095	ug/l	99
85) sec-Butylbenzene	13.15	105	317798	55.176	ug/l	100
86) p-Isopropyltoluene	13.26	119	287416	55.385	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	145464	56.546	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	146593	55.772	ug/l	100
89) n-Butylbenzene	13.59	91	266989	56.121	ug/l	99
90) Hexachloroethane	13.85	117	38650	68.139	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	138496	56.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21027	52.746	ug/l	99

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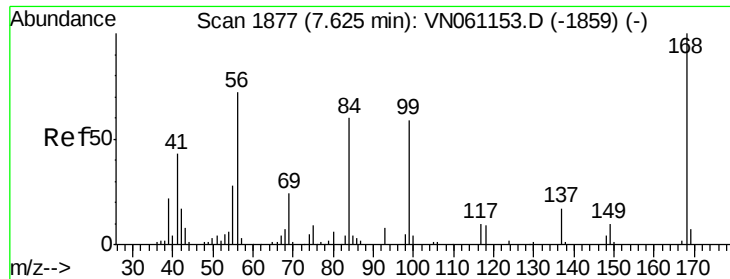
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	81069	53.973	ug/l	100
94) Hexachlorobutadiene	14.98	225	36494	58.157	ug/l	99
95) Naphthalene	15.10	128	252160	51.549	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	78900	53.204	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 108062

Ion Ratio Lower Upper

168 100

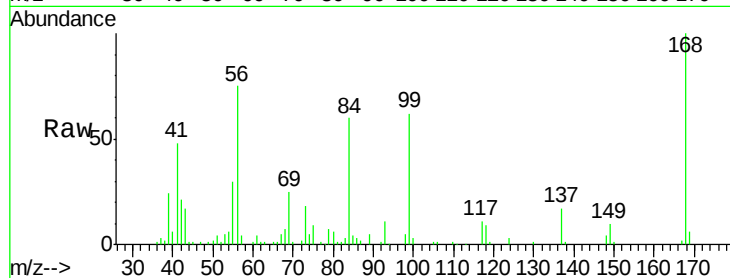
99 62.4 51.2 76.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

40000

30000

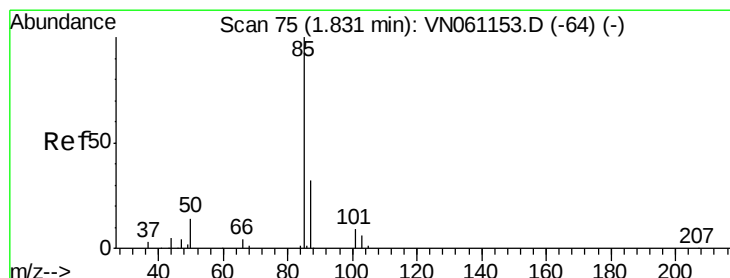
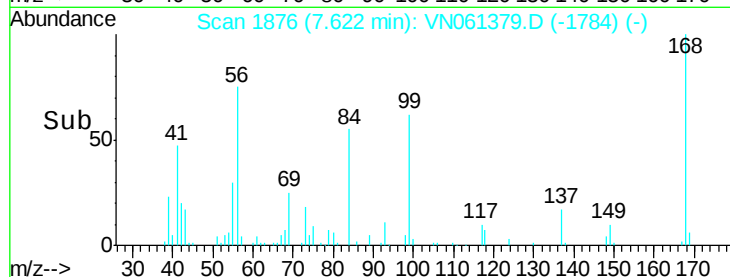
20000

10000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.930 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061379.D

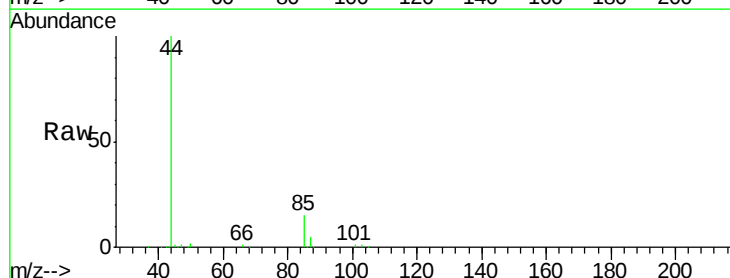
Acq: 11 May 2020 10:26

Tgt Ion: 85 Resp: 56069

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

30000

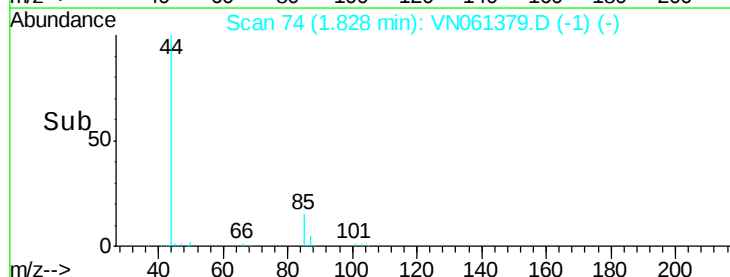
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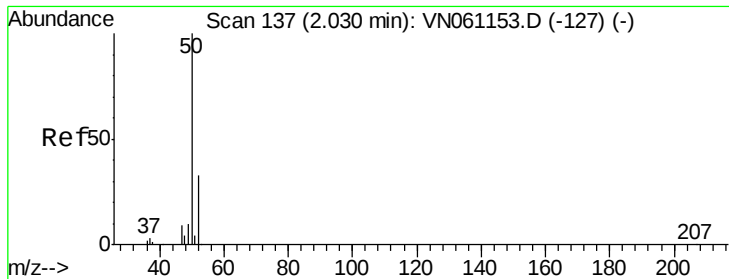
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 54.736 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 75965

Ion Ratio Lower Upper

50 100

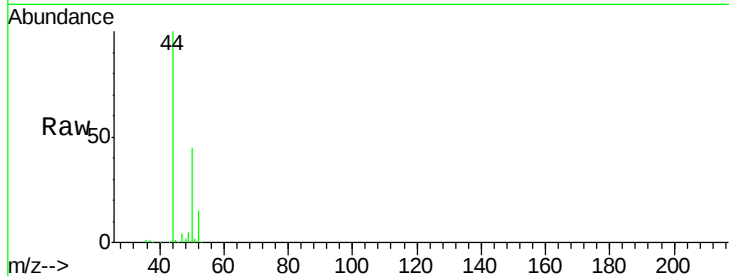
52 33.0 26.0 39.0

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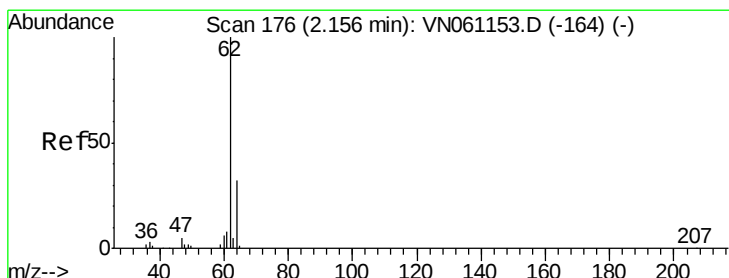
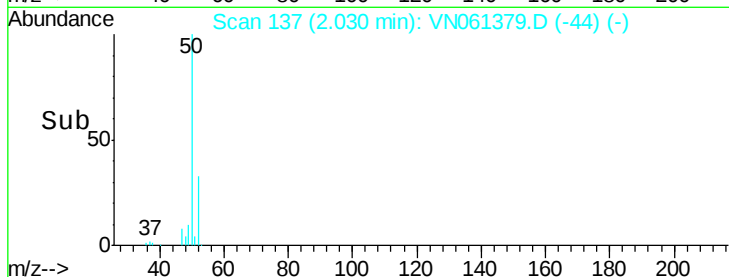
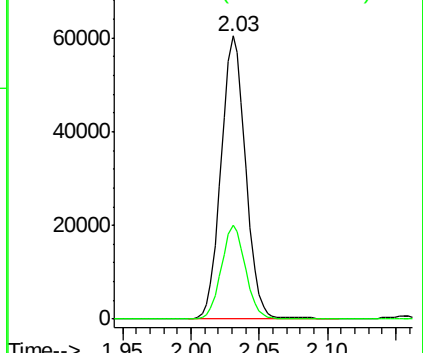
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 53.090 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061379.D

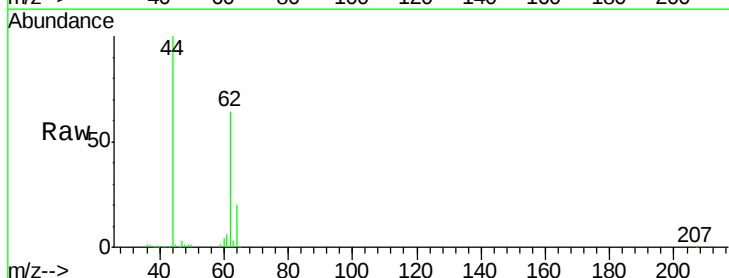
Acq: 11 May 2020 10:26

Tgt Ion: 62 Resp: 83687

Ion Ratio Lower Upper

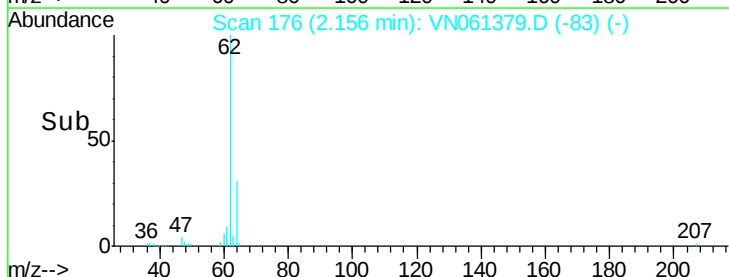
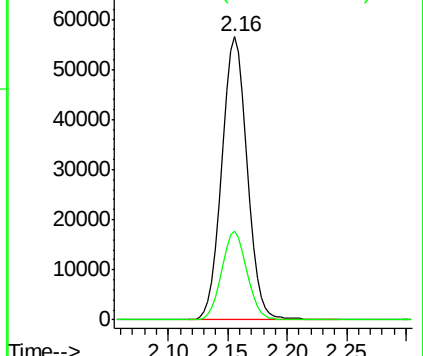
62 100

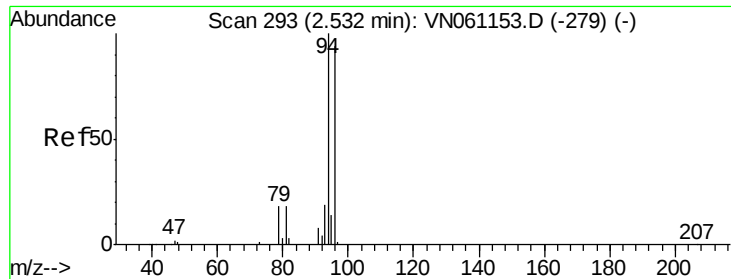
64 31.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 43.544 ug/l

RT: 2.53 min Scan# 291

Delta R.T. -0.01 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

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VSTDCCC050

Tot Ion: 94 Resp: 33929

Ion Ratio Lower Upper

94 100

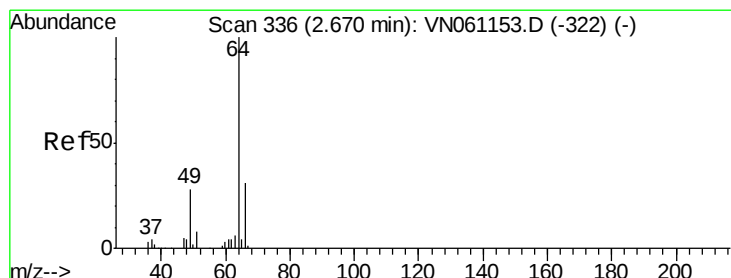
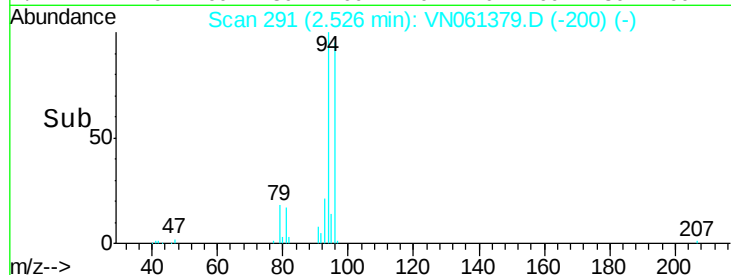
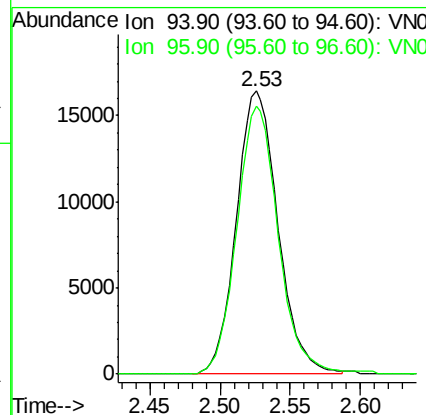
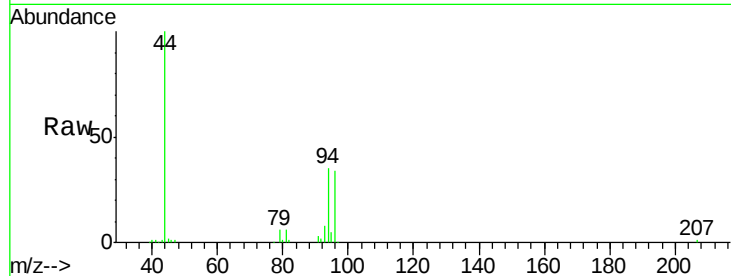
96 94.6 75.1 112.7

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#6

Chloroethane

Concen: 50.770 ug/l

RT: 2.67 min Scan# 335

Delta R.T. -0.00 min

Lab File: VN061379.D

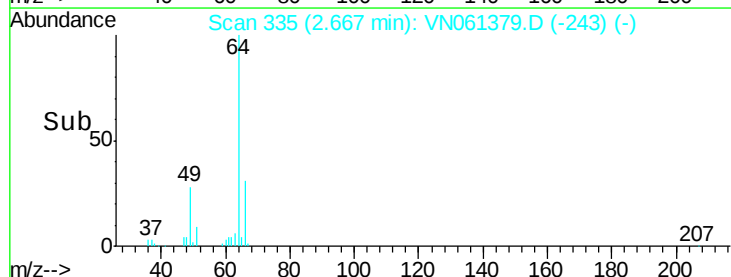
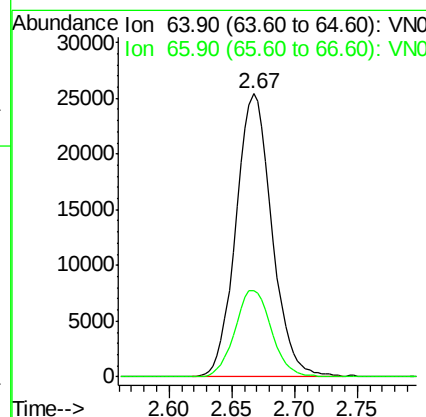
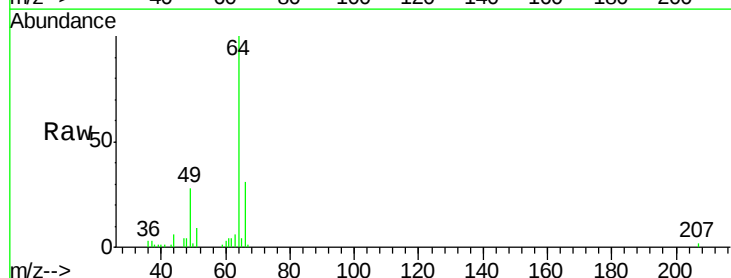
Acq: 11 May 2020 10:26

Tgt Ion: 64 Resp: 50726

Ion Ratio Lower Upper

64 100

66 30.7 24.6 36.8





#7

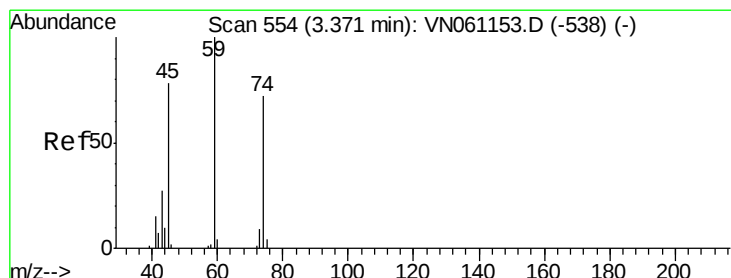
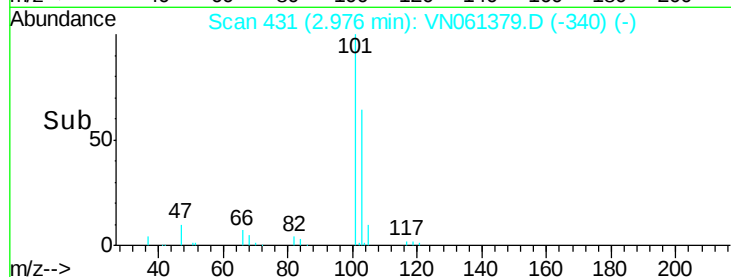
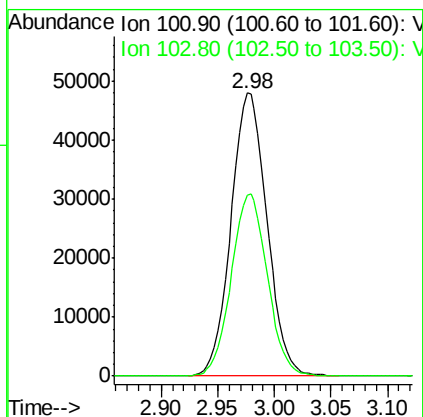
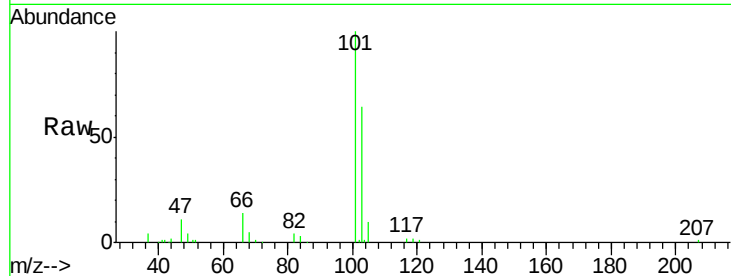
Trichlorofluoromethane
 Concen: 59.701 ug/l
 RT: 2.98 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

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 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	106174		
103	63.8	50.6	76.0	

Manual Integrations
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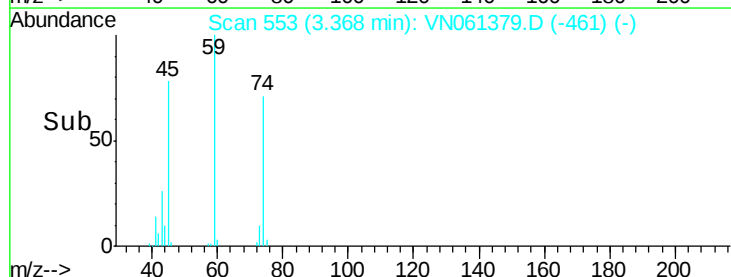
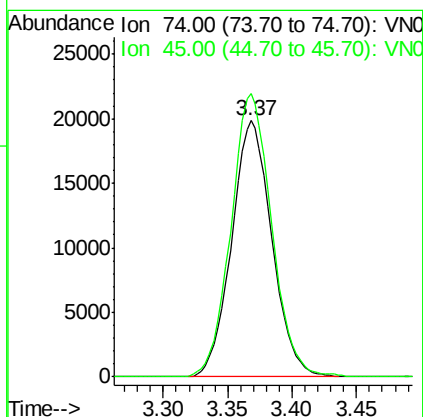
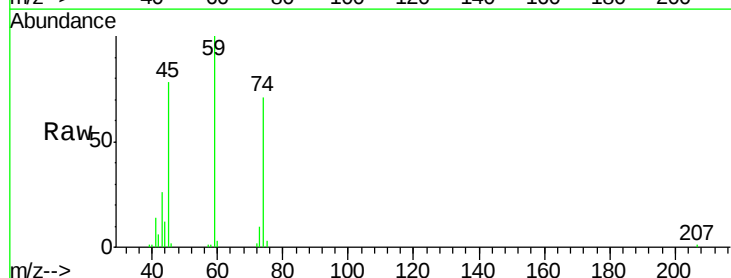
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#8

Diethyl Ether
 Concen: 58.018 ug/l
 RT: 3.37 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	43038		
45	112.1	53.3	160.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.852 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

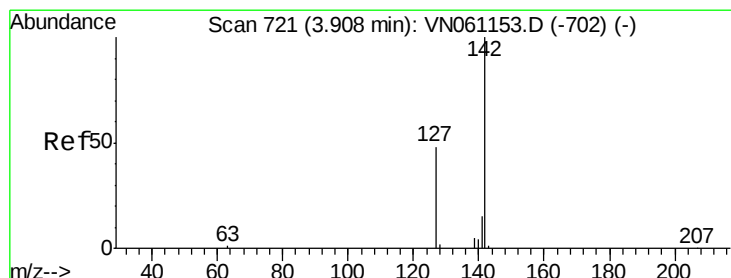
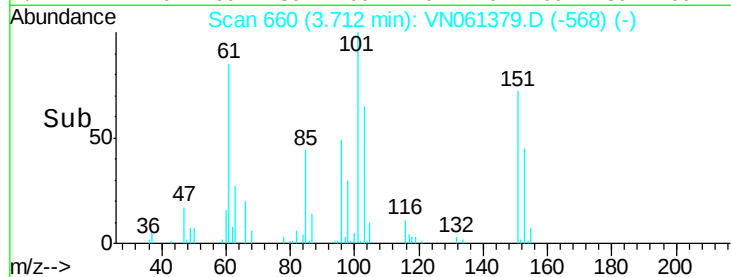
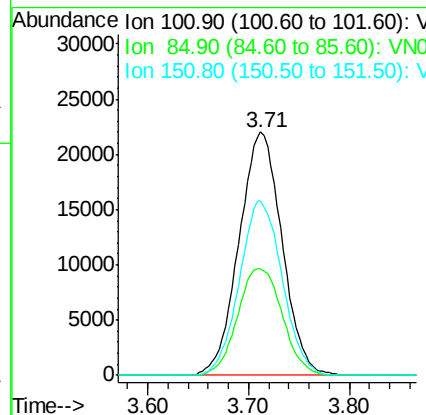
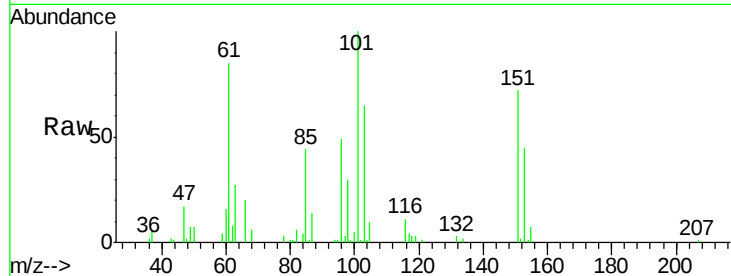
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	65136
Ion Ratio	Lower	Upper	
101	100		
85	45.7	37.2	55.8
151	71.2	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 40.849 ug/l

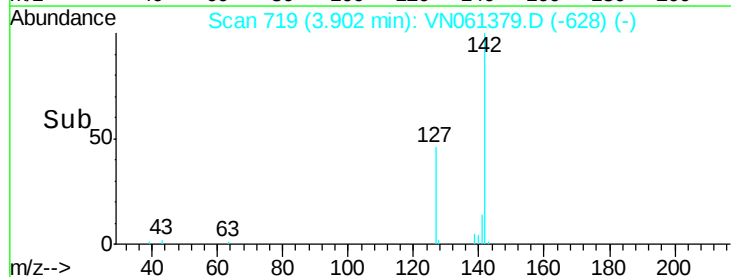
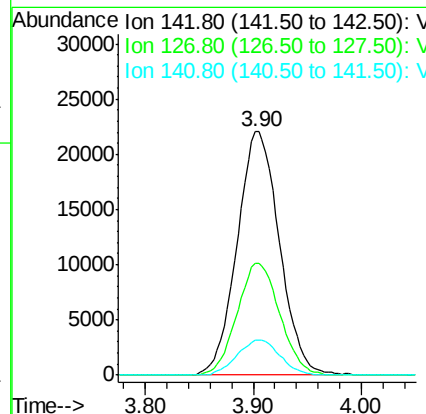
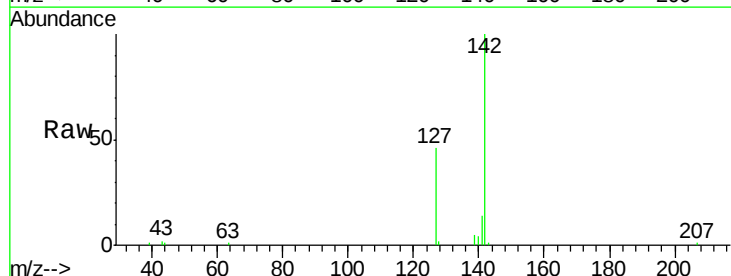
RT: 3.90 min Scan# 719

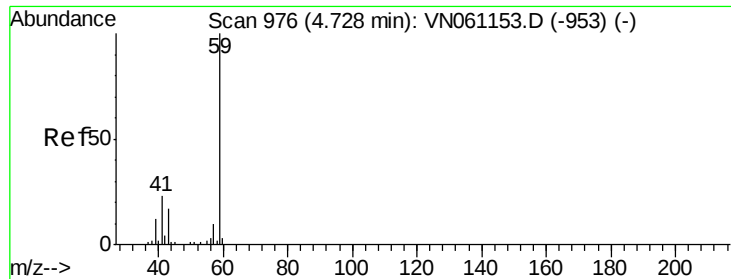
Delta R.T. -0.01 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Tgt Ion:	142	Resp:	60146
Ion Ratio	Lower	Upper	
142	100		
127	46.2	38.0	57.0
141	14.5	11.7	17.5





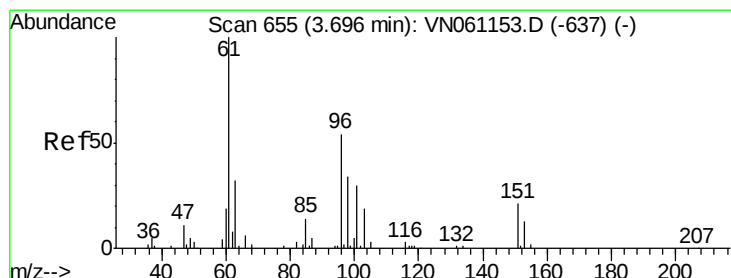
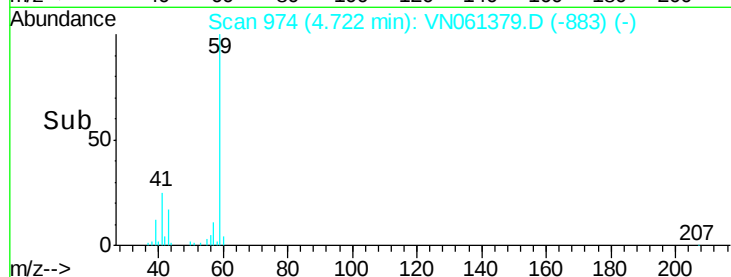
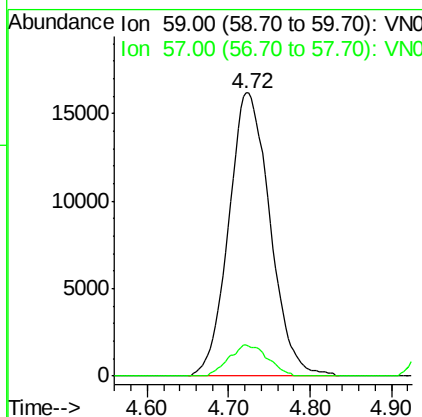
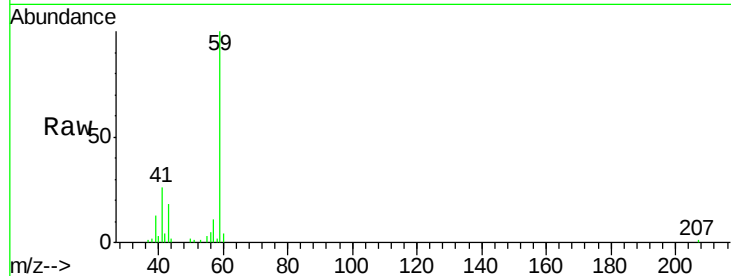
#11
Tert butyl alcohol
Concen: 249.080 ug/l
RT: 4.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

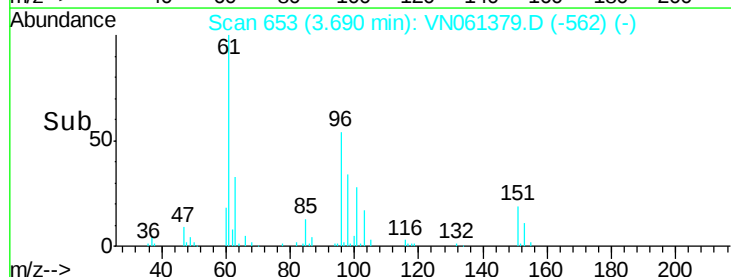
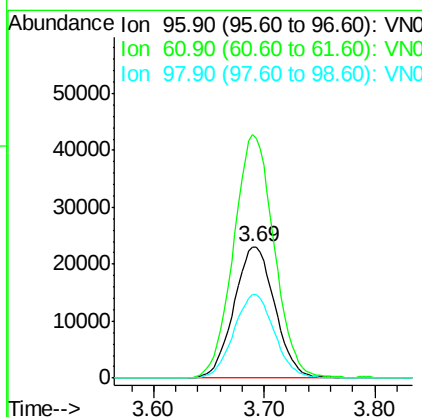
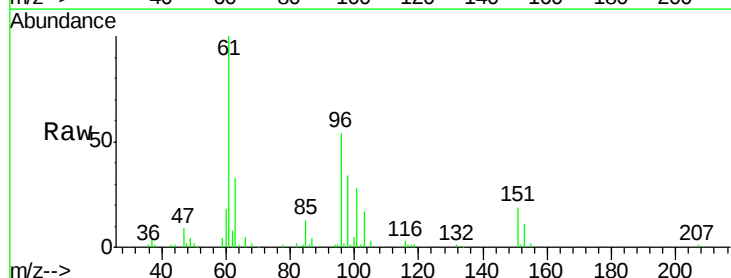
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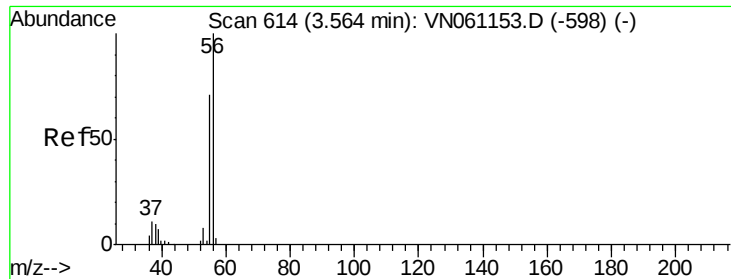
sam
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#12
1,1-Dichloroethene
Concen: 51.984 ug/l
RT: 3.69 min Scan# 653
Delta R.T. -0.01 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	185.4	147.0	220.6
98	63.3	49.8	74.6





#13

Acrolein

Concen: 207.920 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 31737

Ion Ratio Lower Upper

56 100

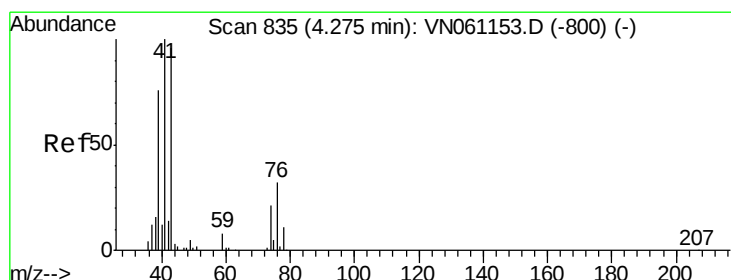
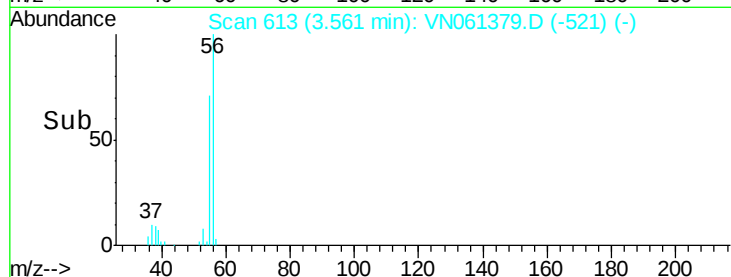
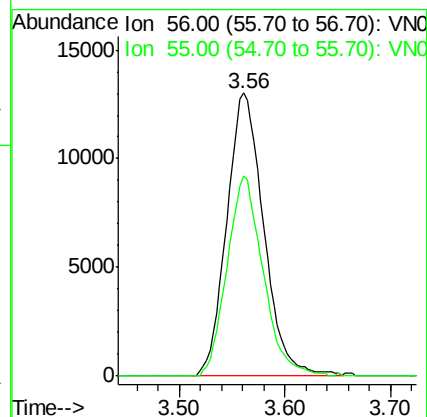
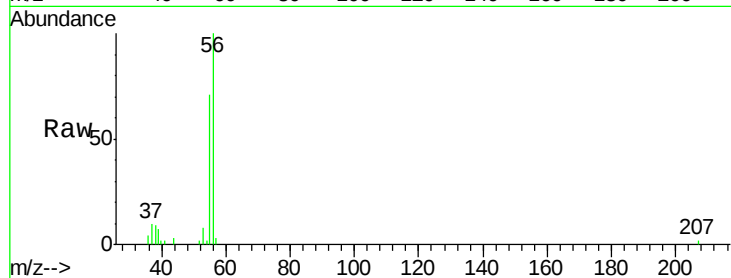
55 68.6 58.5 87.7

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#14

Allyl chloride

Concen: 61.912 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

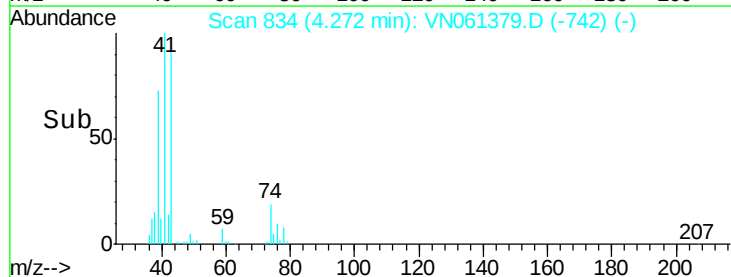
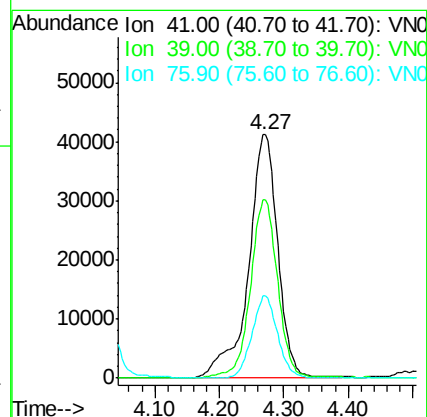
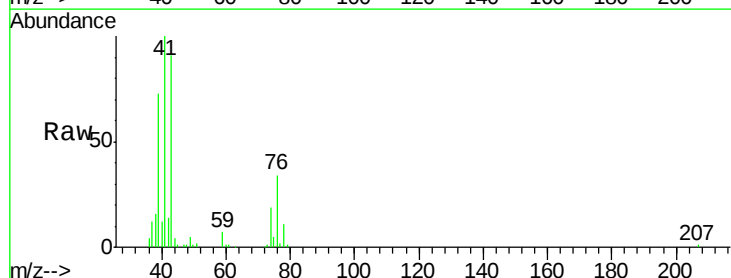
Tgt Ion: 41 Resp: 130883

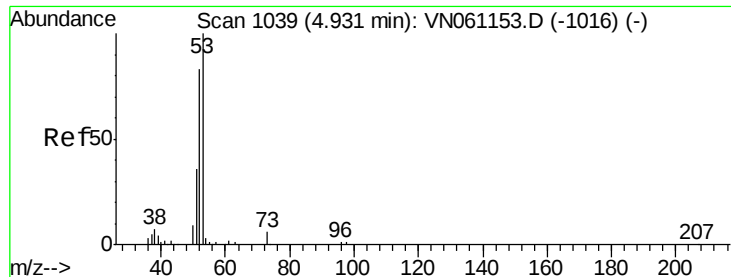
Ion Ratio Lower Upper

41 100

39 67.8 57.1 85.7

76 29.2 24.3 36.5





#15

Acrylonitrile

Concen: 284.302 ug/l

RT: 4.92 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

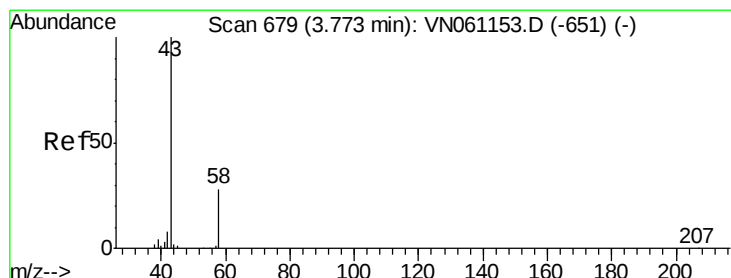
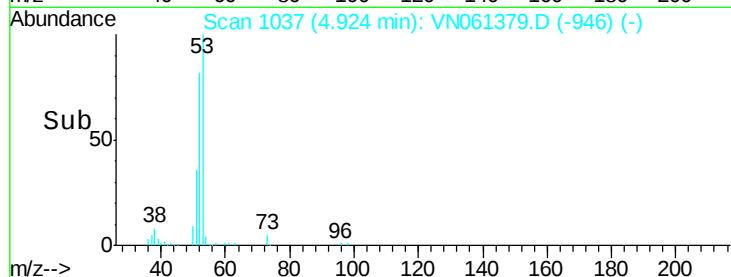
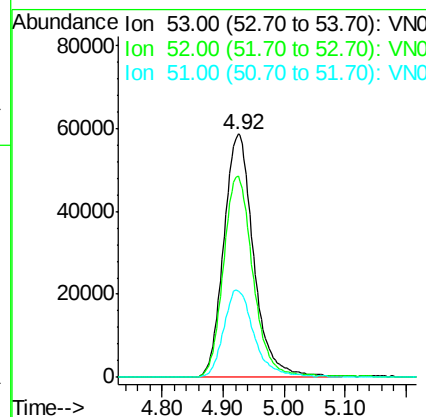
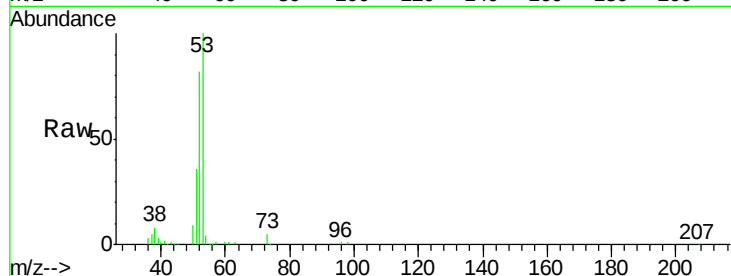
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	199900
Ion Ratio		Lower	Upper
53	100		
52	81.3	65.4	98.0
51	36.6	29.5	44.3

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#16

Acetone

Concen: 293.199 ug/l

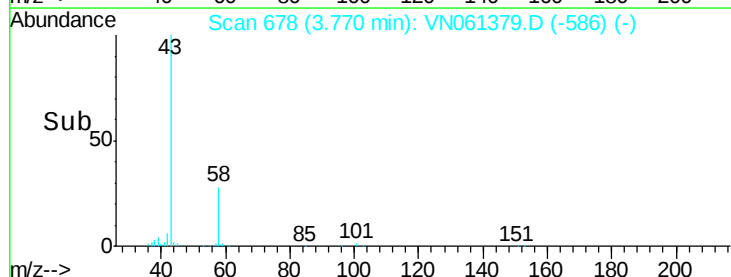
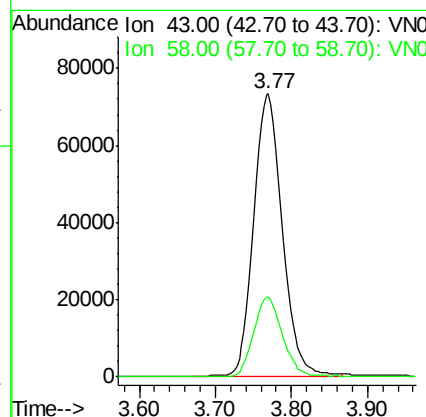
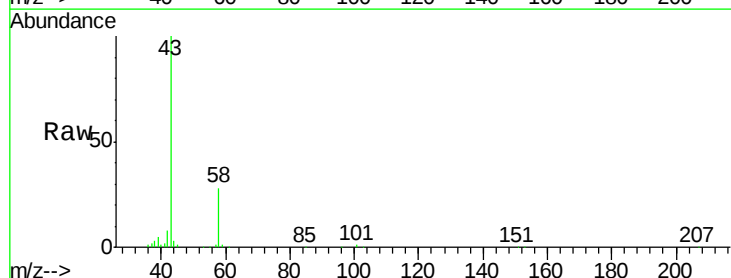
RT: 3.77 min Scan# 678

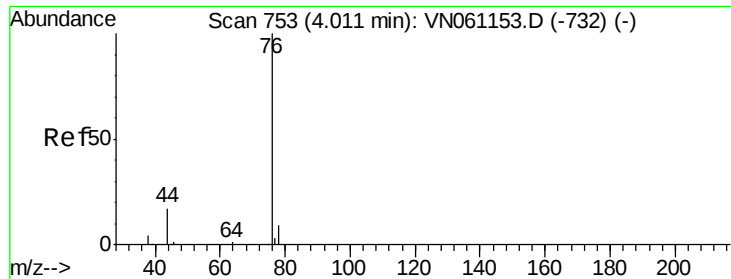
Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Tgt Ion:	43	Resp:	193258
Ion Ratio		Lower	Upper
43	100		
58	28.2	22.2	33.2





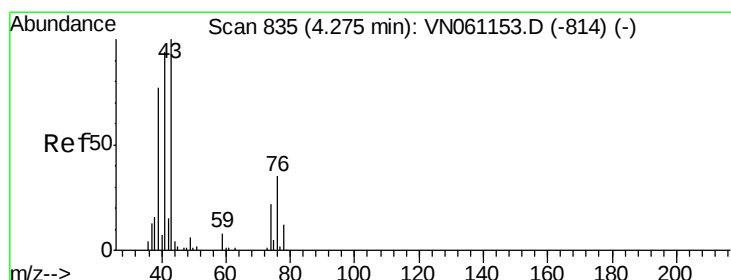
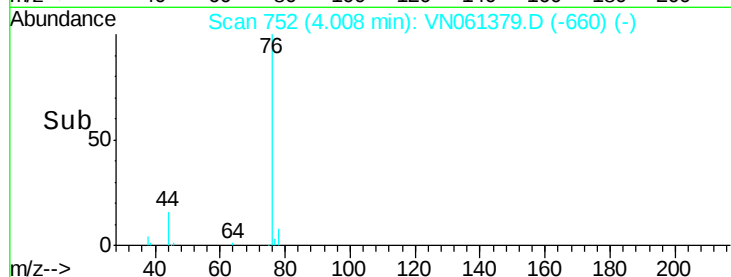
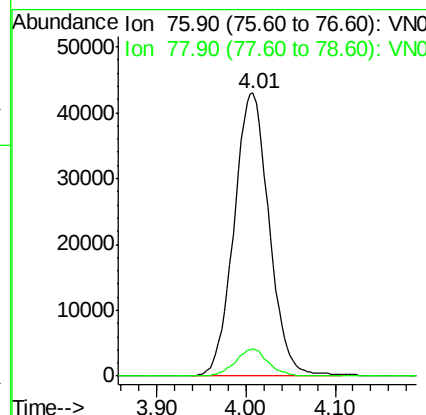
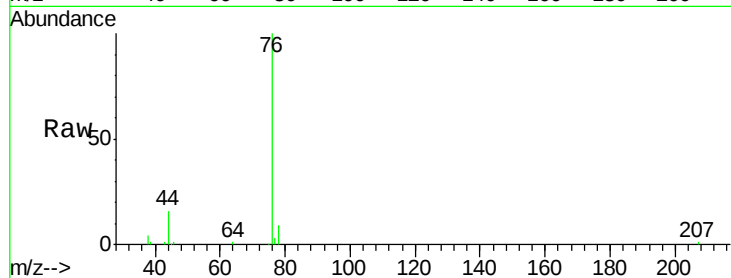
#17
Carbon Disulfide
Concen: 37.250 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

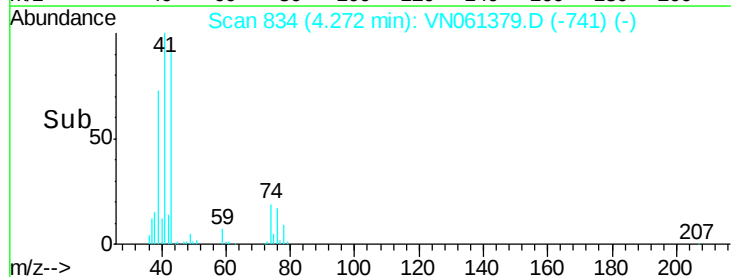
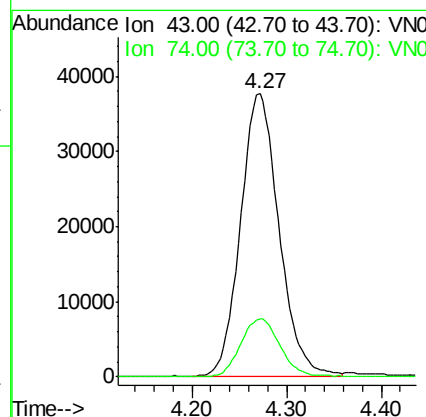
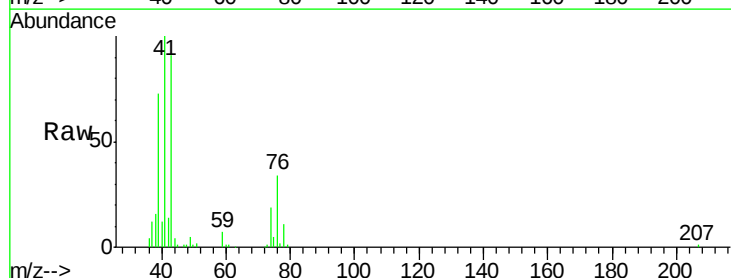
Manual Integrations
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sam
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#18
Methyl Acetate
Concen: 49.558 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	17.0	25.4





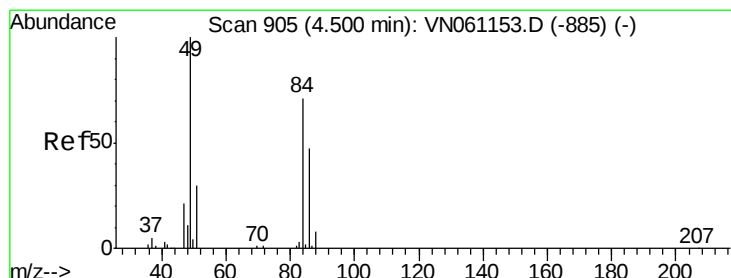
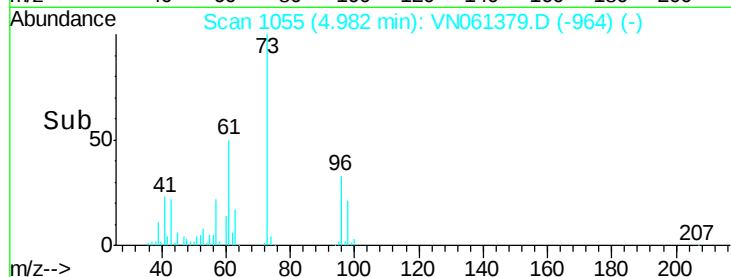
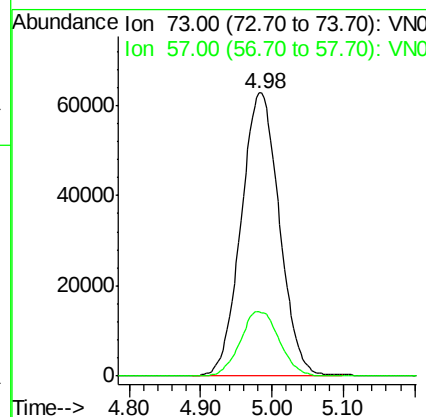
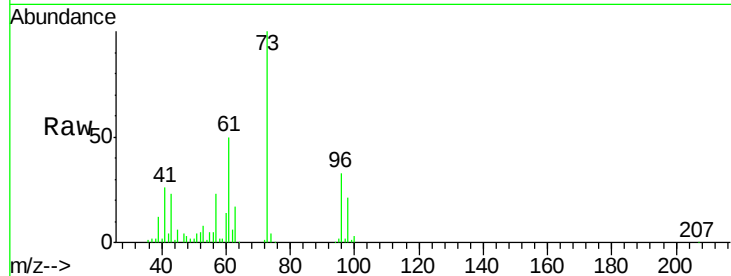
#19
Methvl tert-butvl Ether
Concen: 53.847 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 234592
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5

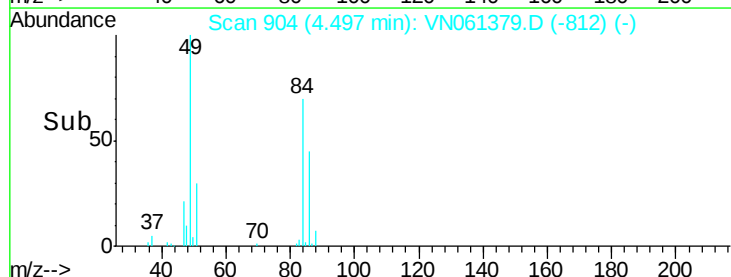
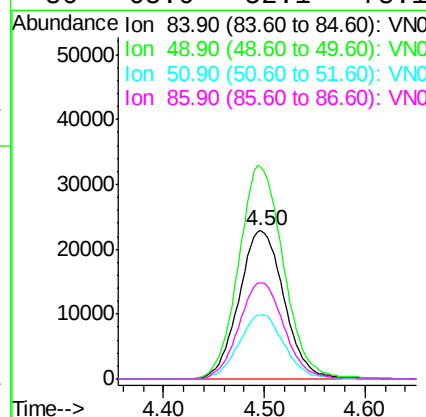
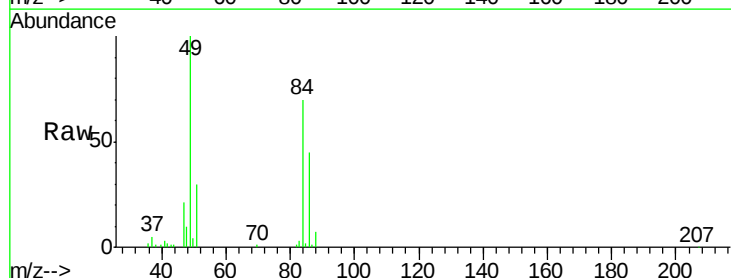
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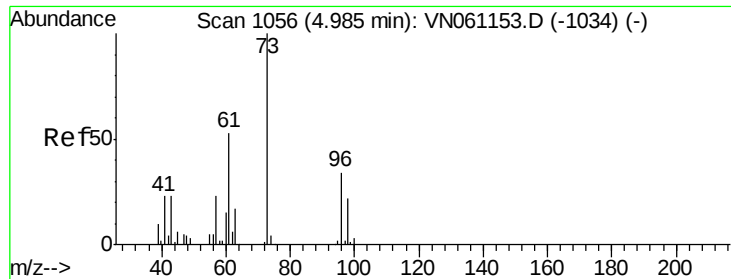
sam
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#20
Methylene Chloride
Concen: 53.132 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion: 84 Resp: 70841
Ion Ratio Lower Upper
84 100
49 143.5 112.0 168.0
51 43.3 33.6 50.4
86 65.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 53.476 ug/l

RT: 4.98 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

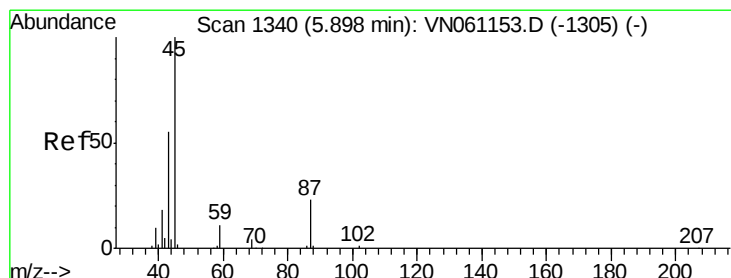
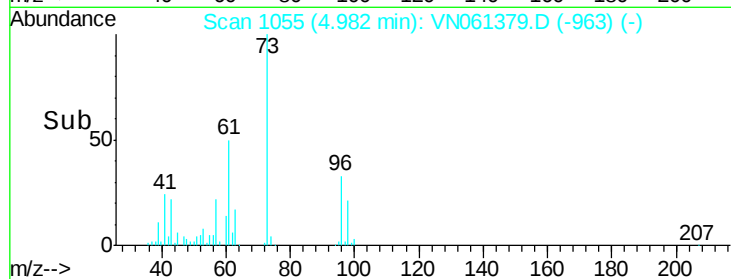
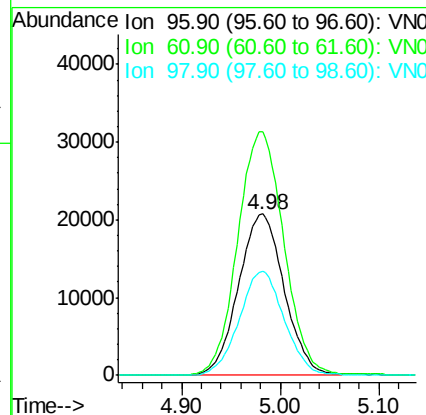
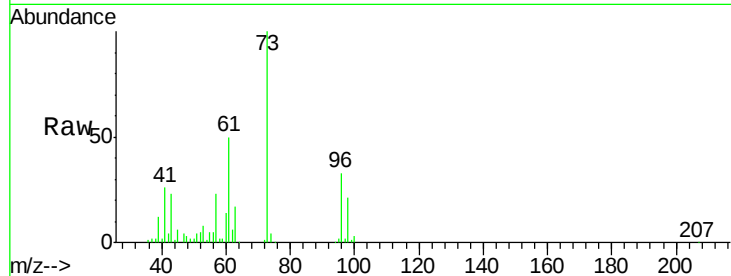
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	66391
Ion	Ratio	Lower	Upper
96	100		
61	150.3	123.0	184.4
98	64.8	50.1	75.1

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#22

Diisopropyl ether

Concen: 56.803 ug/l

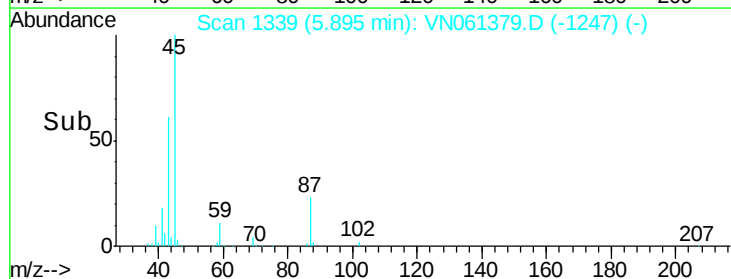
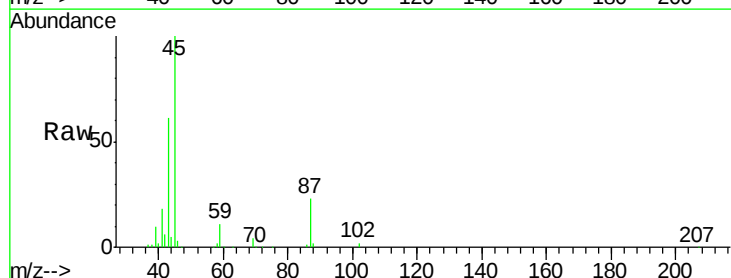
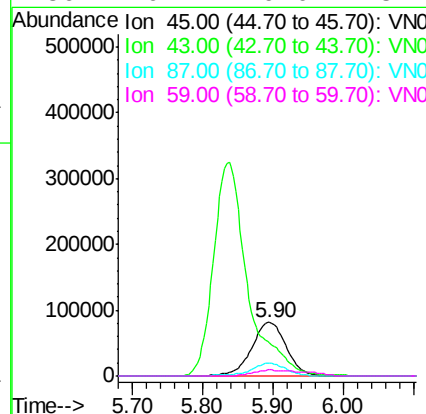
RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Tgt Ion:	45	Resp:	278464
Ion	Ratio	Lower	Upper
45	100		
43	59.7	47.9	71.9
87	23.4	19.2	28.8
59	10.7	9.0	13.4





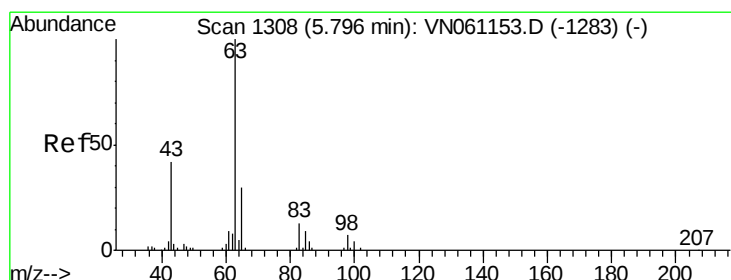
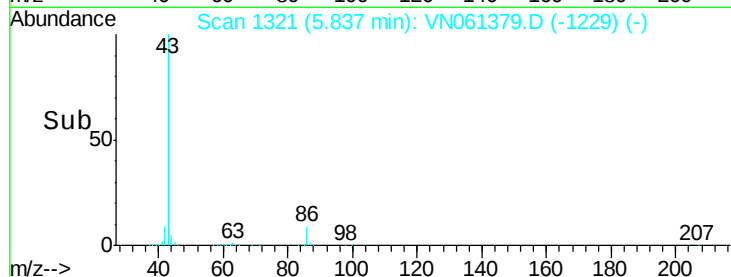
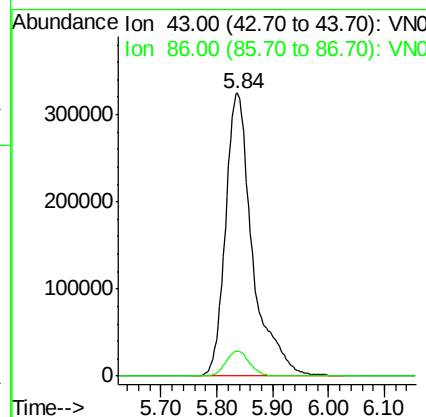
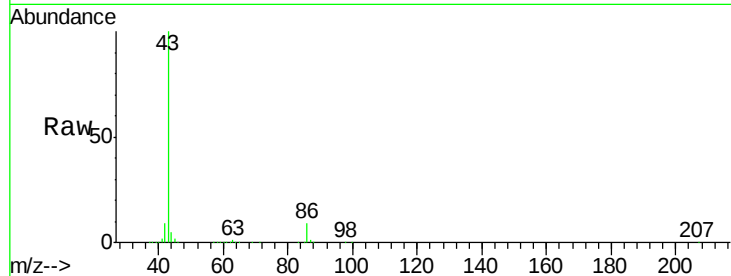
#23
 Vinyl Acetate
 Concen: 277.571 ug/l
 RT: 5.84 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1095629
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.2 10.8

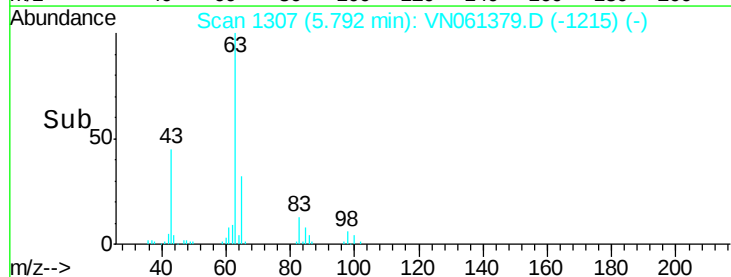
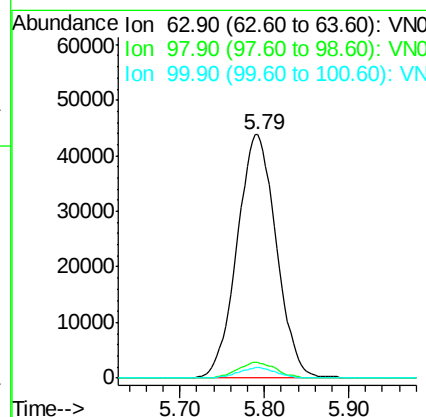
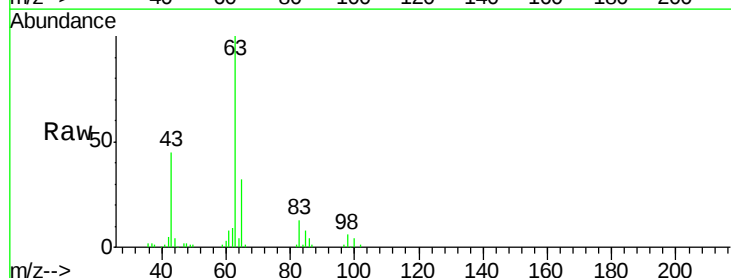
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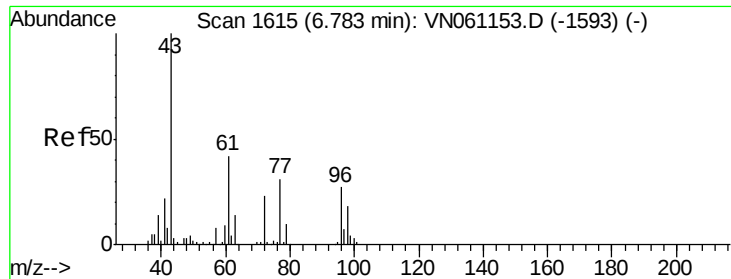
sam
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#24
 1,1-Dichloroethane
 Concen: 55.278 ug/l
 RT: 5.79 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion: 63 Resp: 141586
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 4.3 1.9 5.7





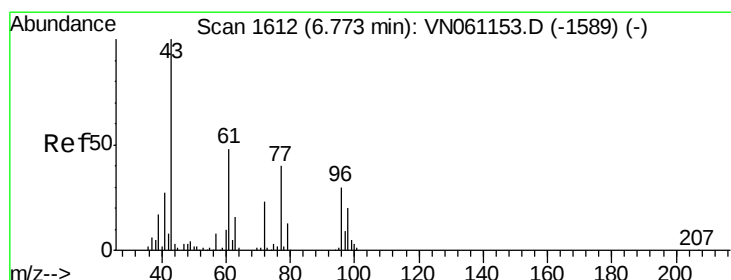
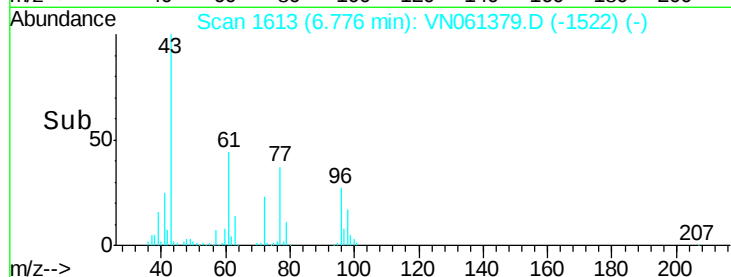
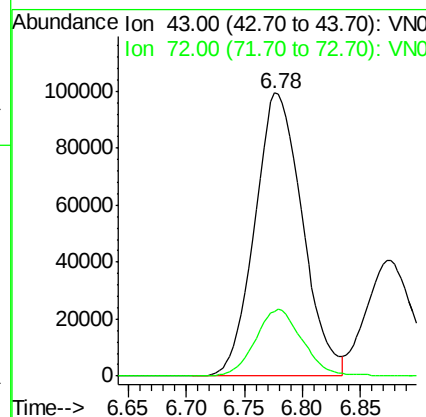
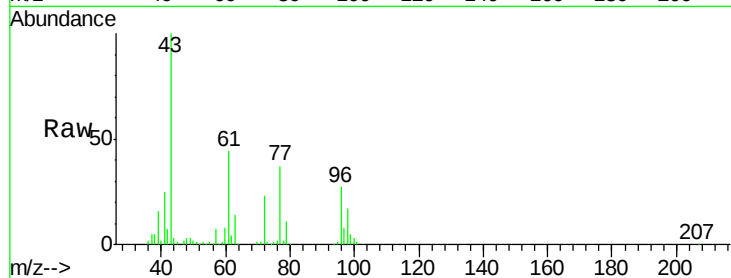
#25
2-Butanone
Concen: 280.407 ug/l
RT: 6.78 min Scan# 1613
Delta R.T. -0.01 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 283712
Ion Ratio Lower Upper
43 100
72 23.0 18.2 27.4

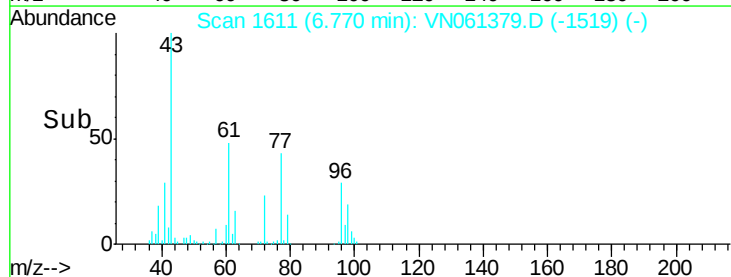
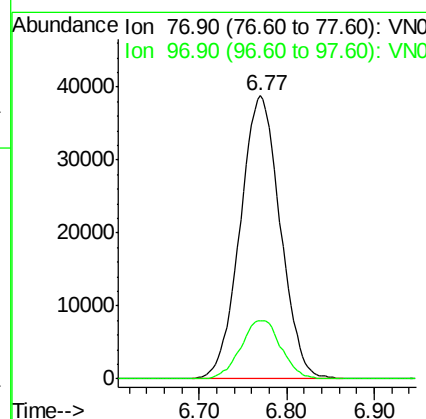
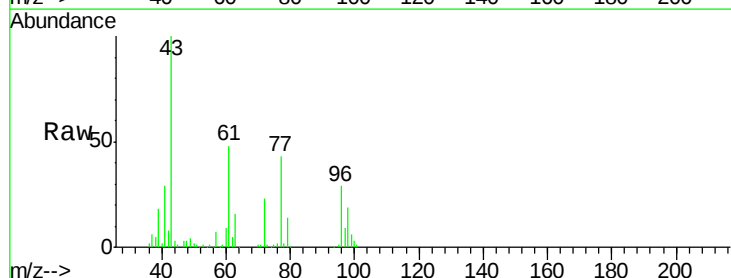
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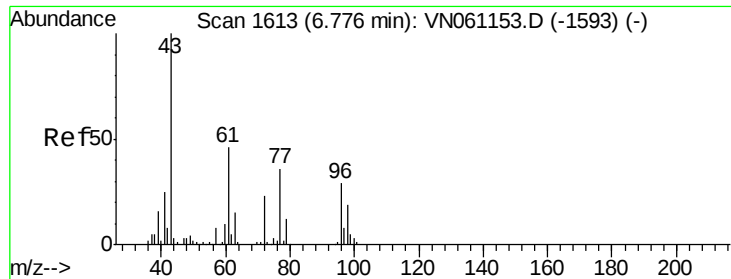
sam
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#26
2,2-Dichloropropane
Concen: 57.210 ug/l
RT: 6.77 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion: 77 Resp: 123424
Ion Ratio Lower Upper
77 100
97 20.7 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 53.908 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

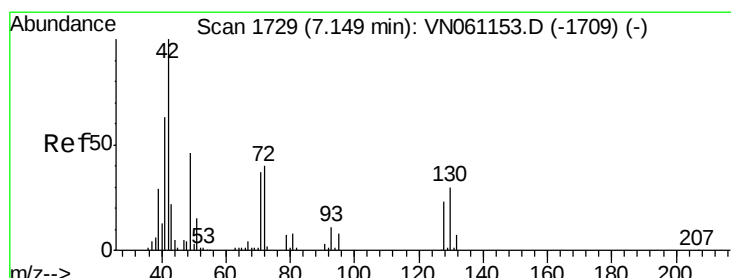
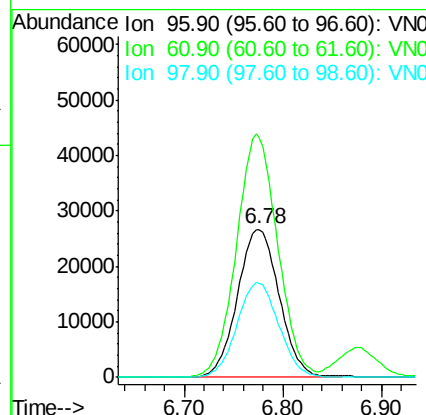
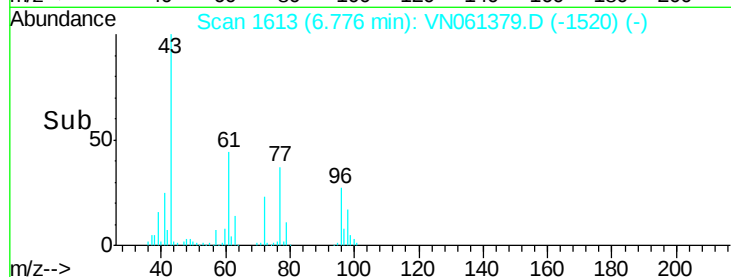
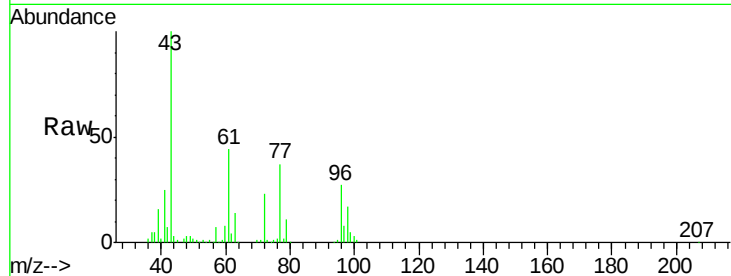
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	78540
Ion	Ratio	Lower	Upper
96	100		
61	161.8	0.0	322.0
98	64.2	0.0	129.6

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#28

Bromochloromethane

Concen: 53.581 ug/l

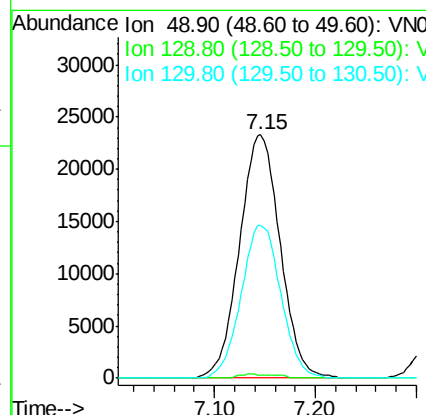
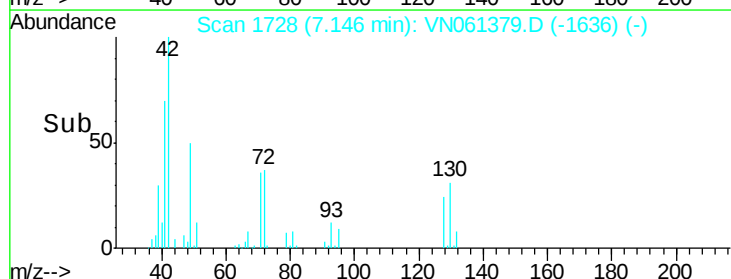
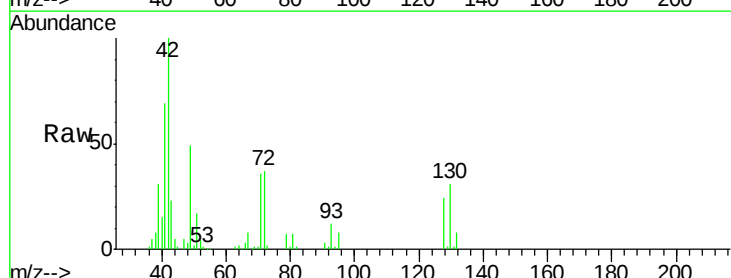
RT: 7.15 min Scan# 1728

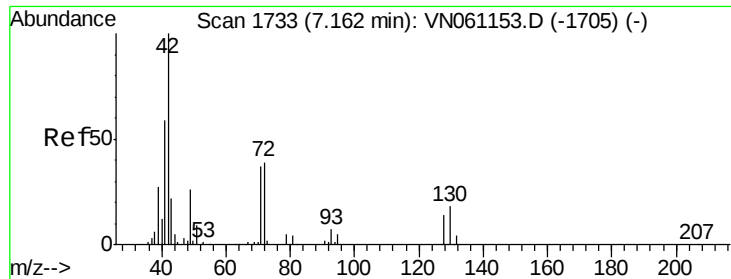
Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Tgt Ion:	49	Resp:	65048
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	61.4	51.4	77.2





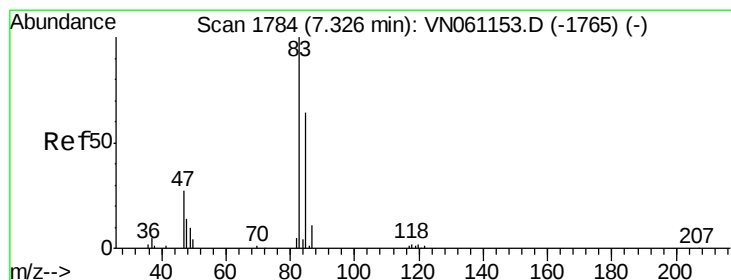
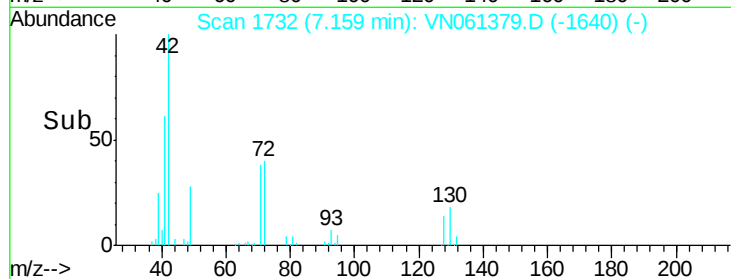
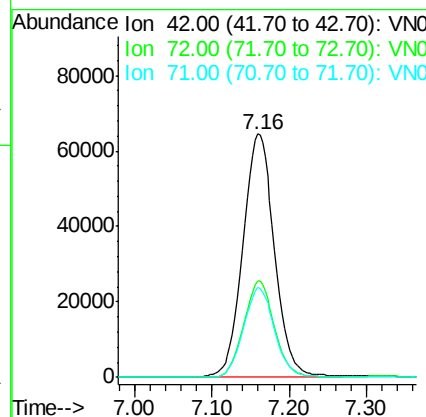
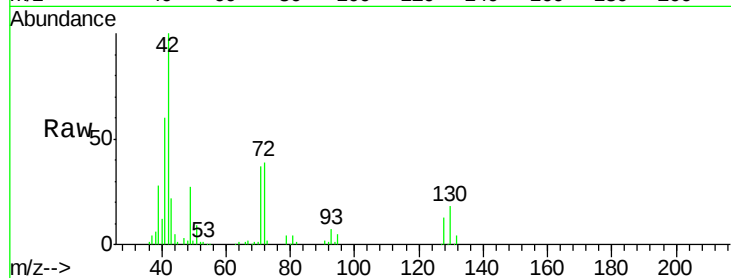
#29
Tetrahydrofuran
Concen: 268.950 ug/l
RT: 7.16 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.4	31.4	47.0
71	36.1	29.5	44.3

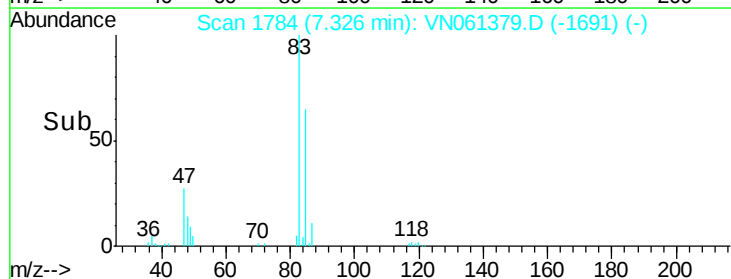
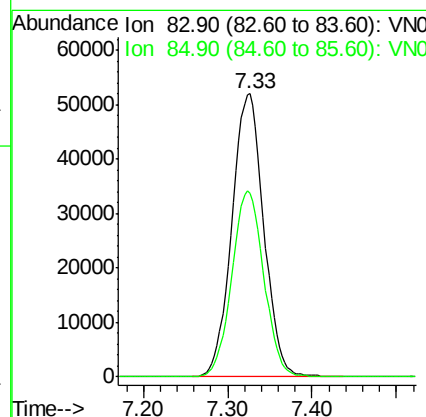
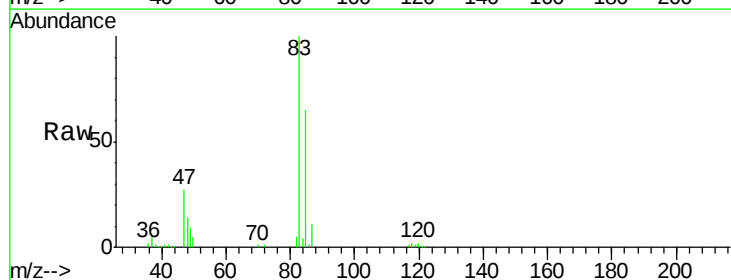
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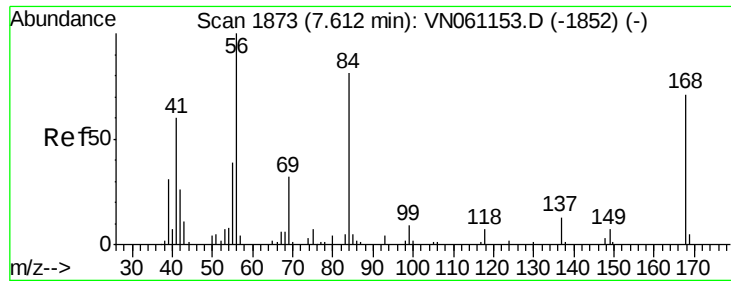
sam
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#30
Chloroform
Concen: 52.650 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.1	76.7





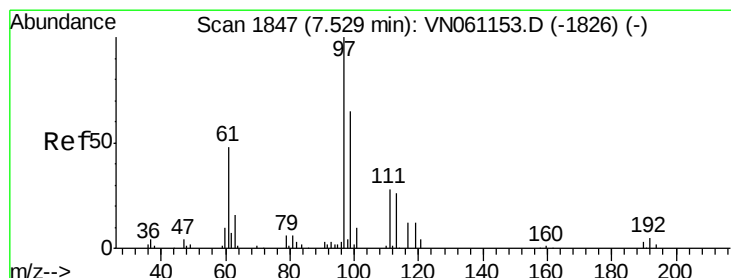
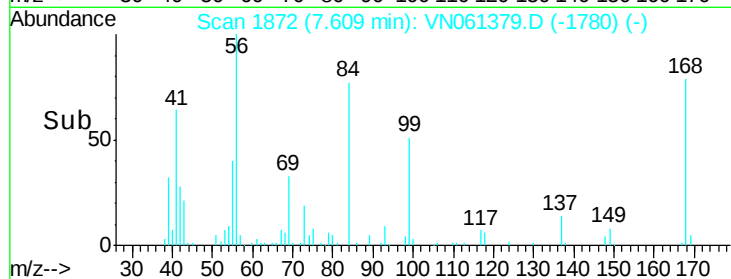
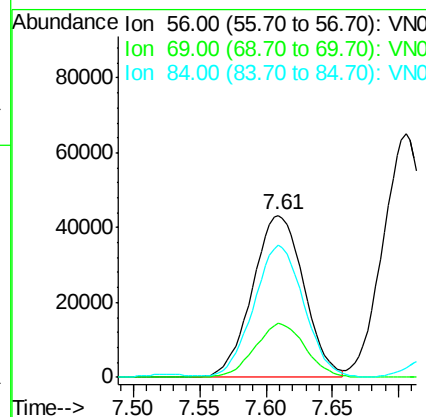
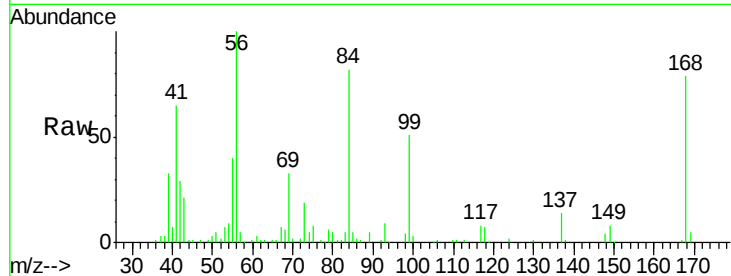
#31
Cyclohexane
Concen: 47.006 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	25.7	38.5
84	80.6	64.6	97.0

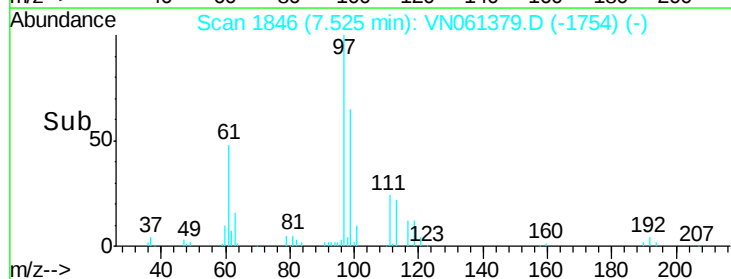
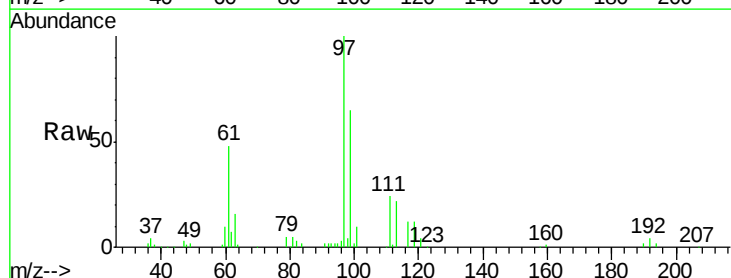
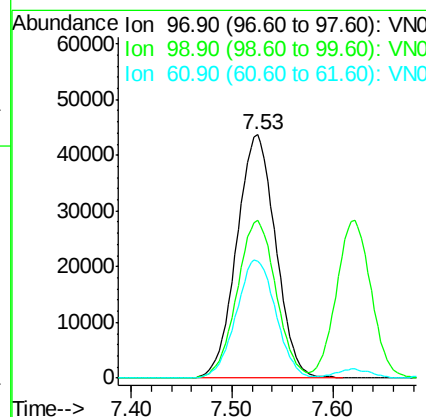
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#32
1,1,1-Trichloroethane
Concen: 51.812 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.3	76.9
61	49.2	38.6	57.8





#33

1,2-Dichloroethane-d4

Concen: 48.816 ug/l

RT: 7.98 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 83470

Ion Ratio Lower Upper

65 100

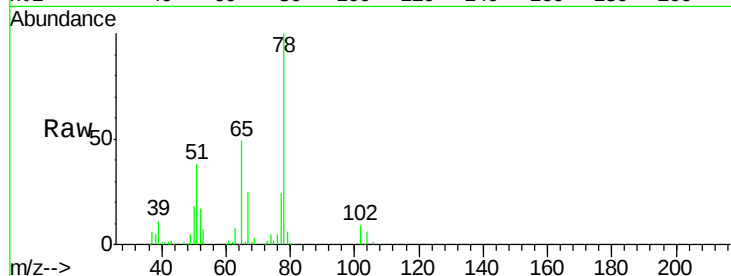
67 52.0 0.0 101.6

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN061153.D (-1972) (-)

Ion 66.90 (66.60 to 67.60): VN061153.D (-1972) (-)

7.98

40000

30000

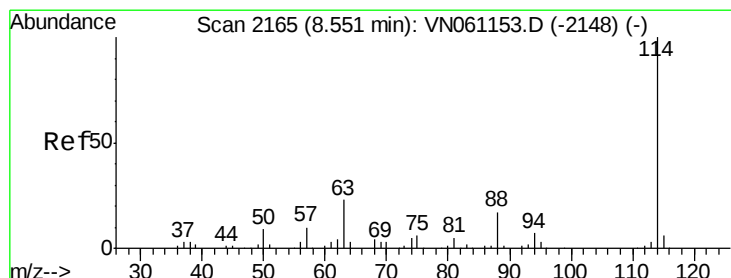
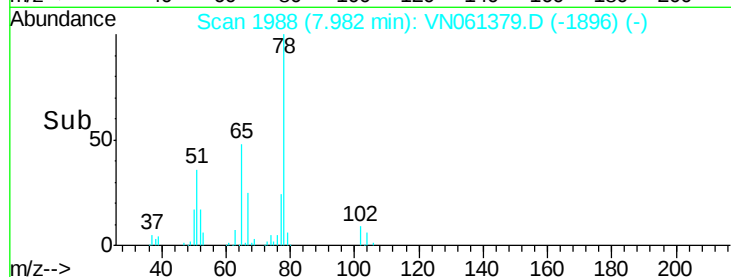
20000

10000

0

Time-->

7.90 7.95 8.00 8.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

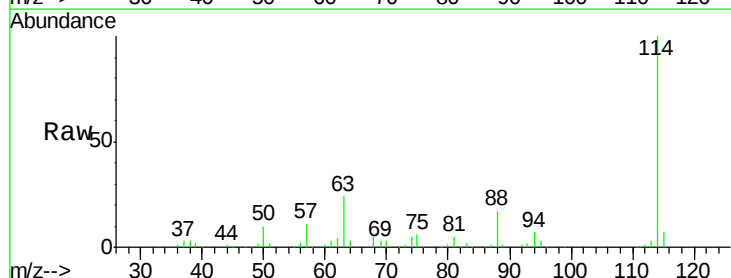
Tgt Ion: 114 Resp: 177134

Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.6

88 16.6 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VN061153.D (-2148) (-)

Ion 63.00 (62.70 to 63.70): VN061153.D (-2148) (-)

Ion 87.90 (87.60 to 88.60): VN061153.D (-2148) (-)

8.55

100000

80000

60000

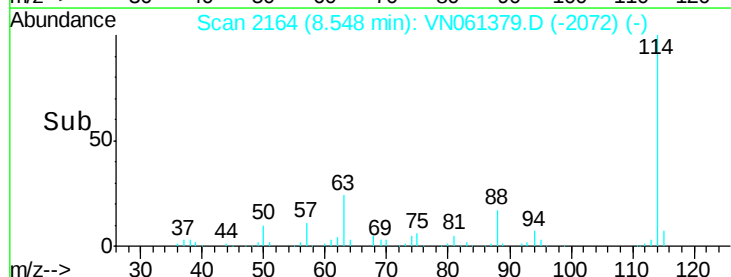
40000

20000

0

Time-->

8.50 8.55 8.60





#35

Dibromofluoromethane

Concen: 45.675 ug/l

RT: 7.54 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

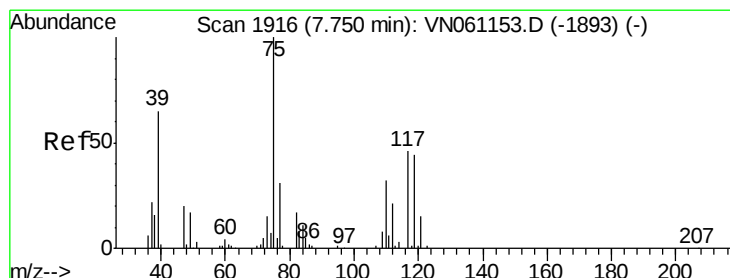
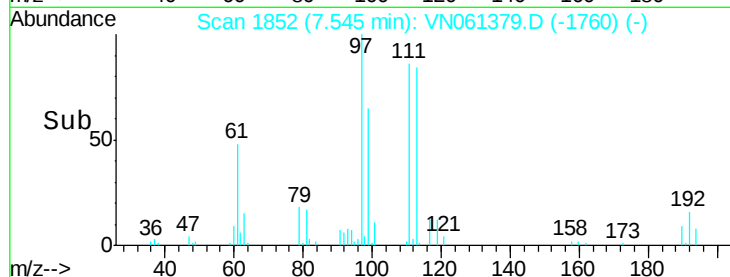
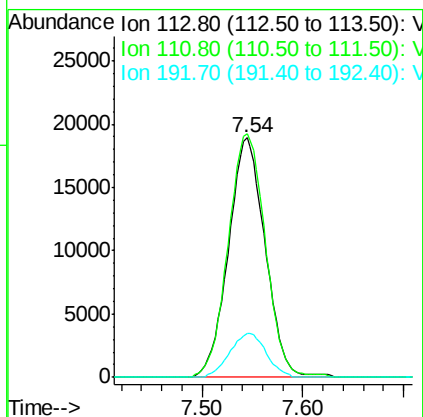
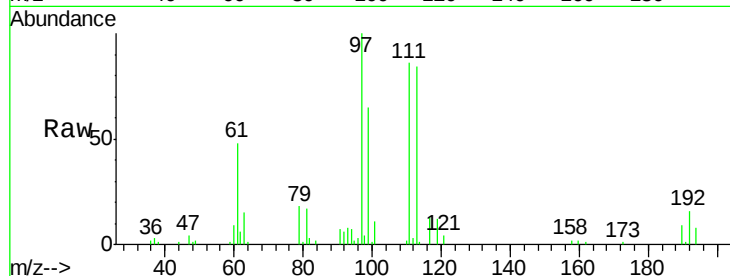
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	18.2	14.7	22.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 56.432 ug/l

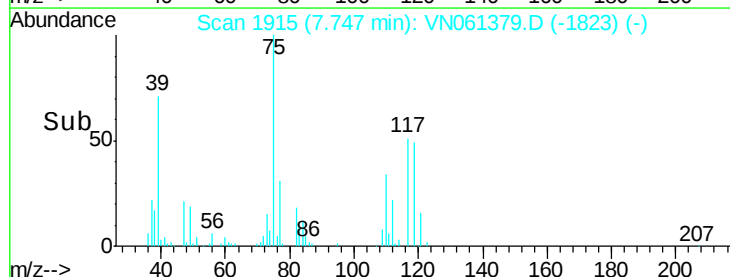
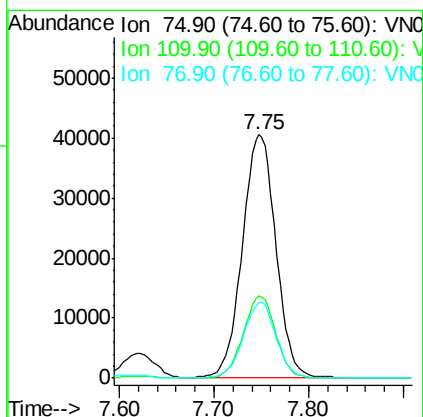
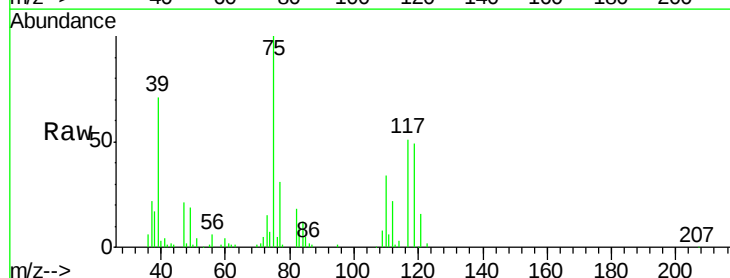
RT: 7.75 min Scan# 1915

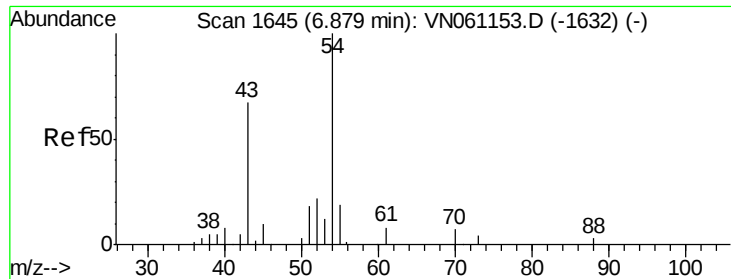
Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.0	48.0
77	30.5	24.6	37.0





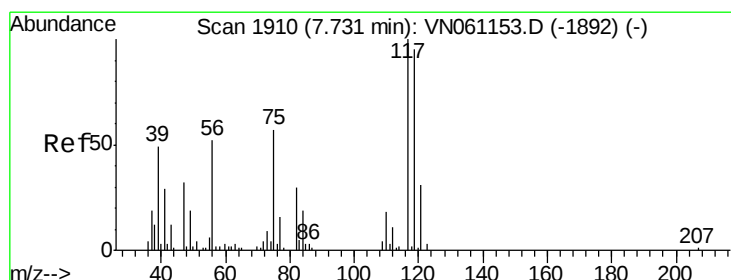
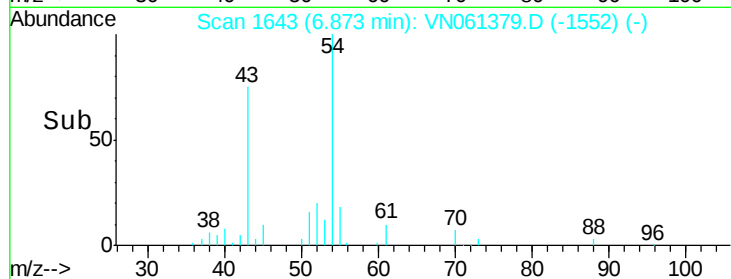
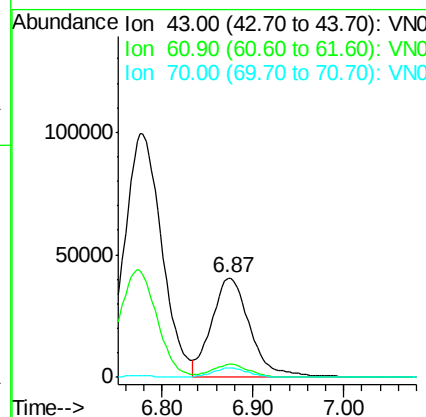
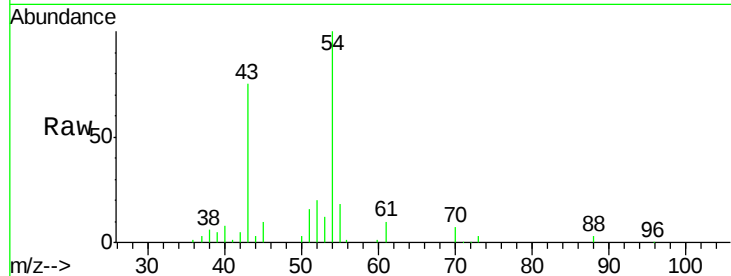
#37
Ethyl Acetate
Concen: 56.347 ug/l
RT: 6.87 min Scan# 1643
Delta R.T. -0.01 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.2
70	8.8	7.2	10.8

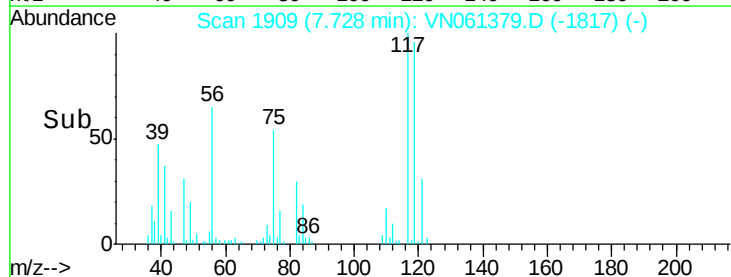
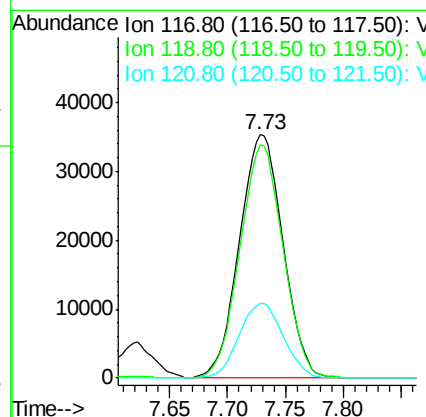
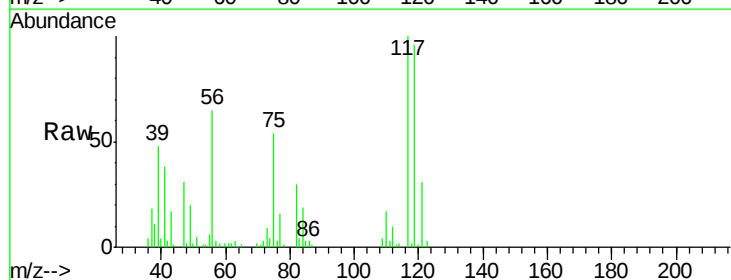
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 56.874 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.6
121	30.8	24.7	37.1





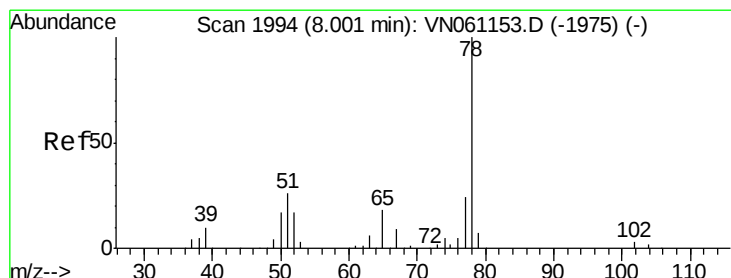
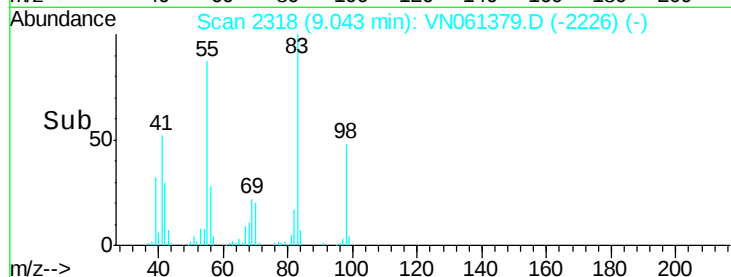
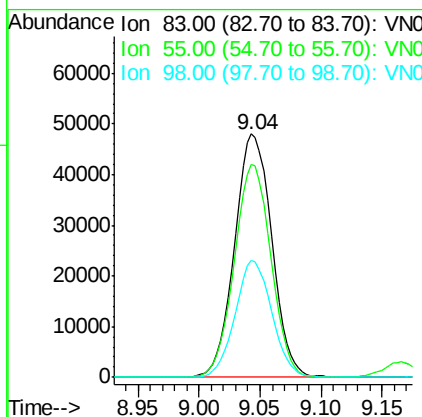
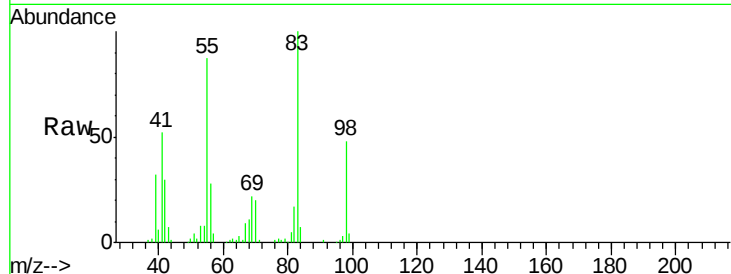
#39
Methvlcvclohexane
Concen: 51.072 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	87.5	67.3	100.9	
98	48.2	37.7	56.5	

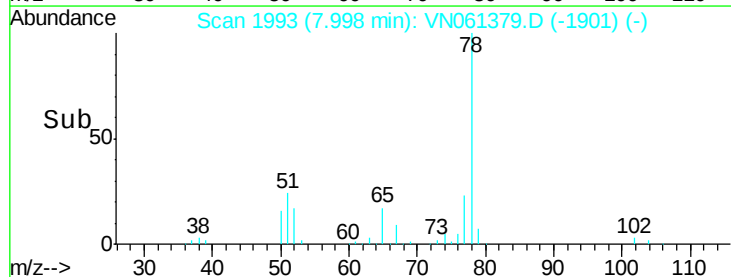
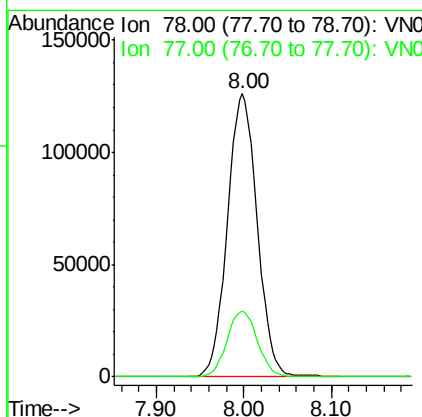
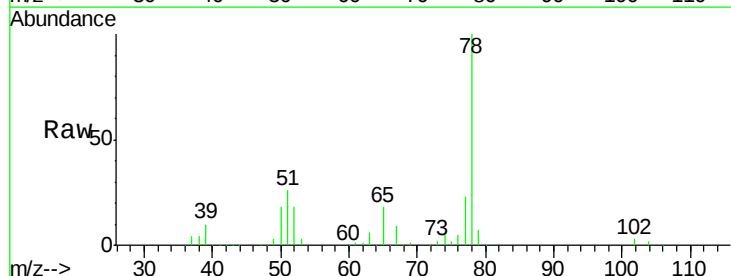
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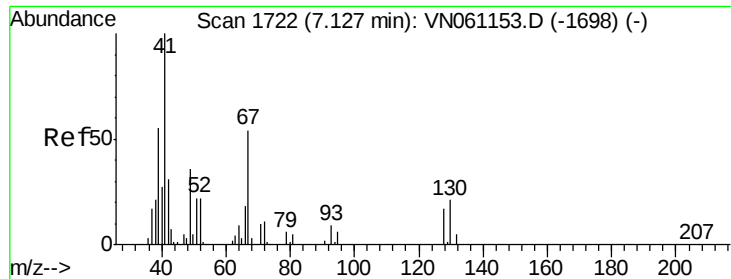
5/12/2020 3:33:57 PM



#40
Benzene
Concen: 56.511 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.2	19.0	28.6	





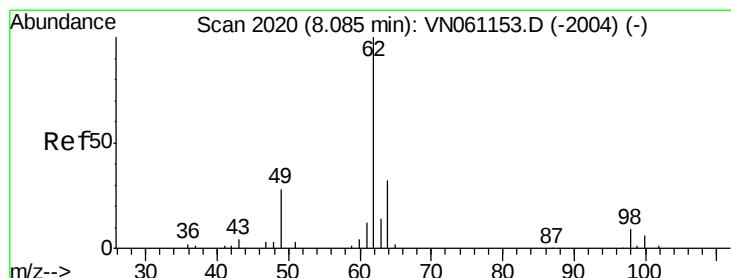
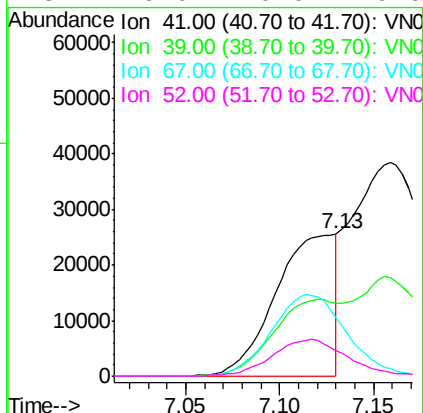
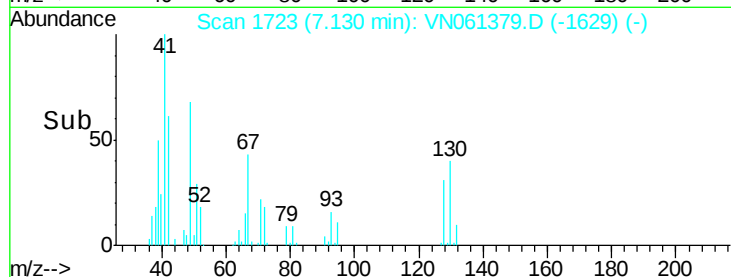
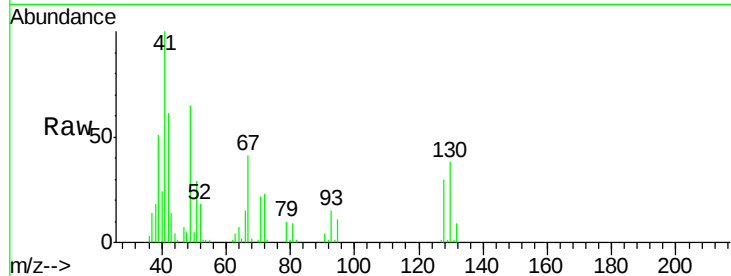
#41
Methacrylonitrile
Concen: 66.095 ug/l m
RT: 7.13 min Scan# 1723
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	57047
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

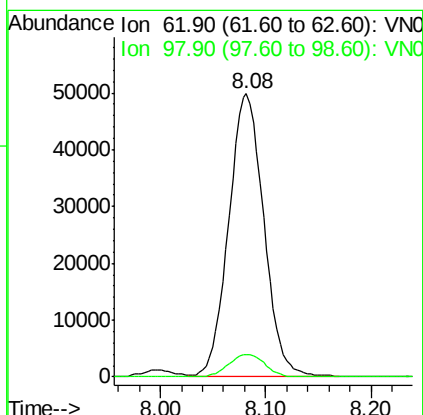
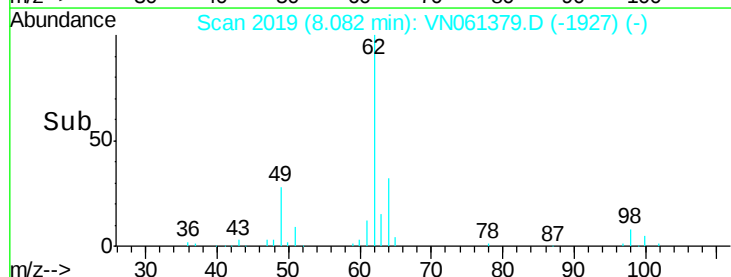
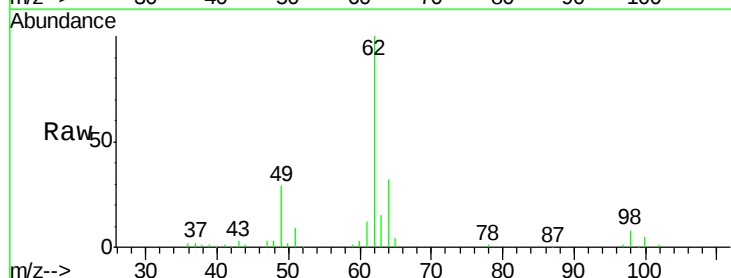
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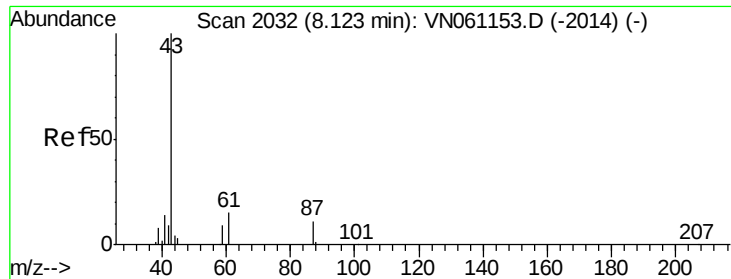
sam
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#42
1,2-Dichloroethane
Concen: 57.113 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	62	Resp	114301
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8





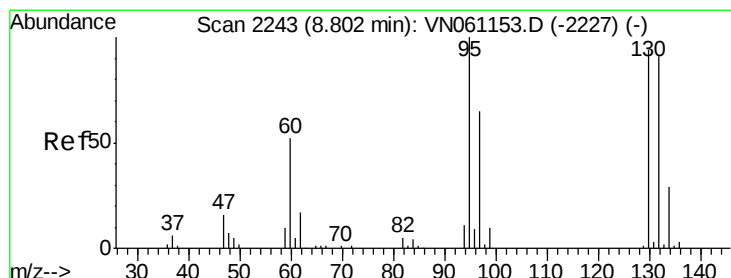
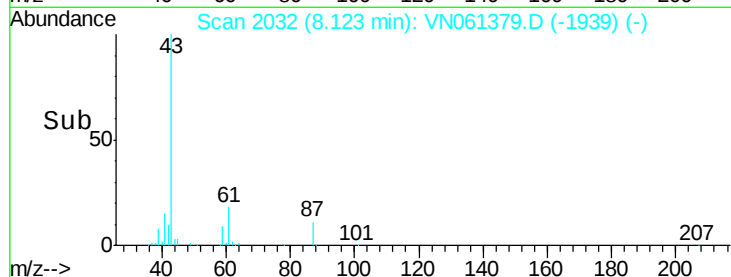
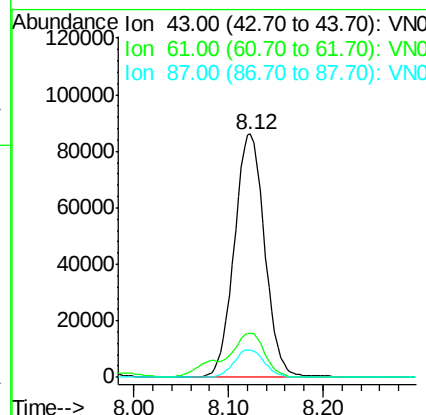
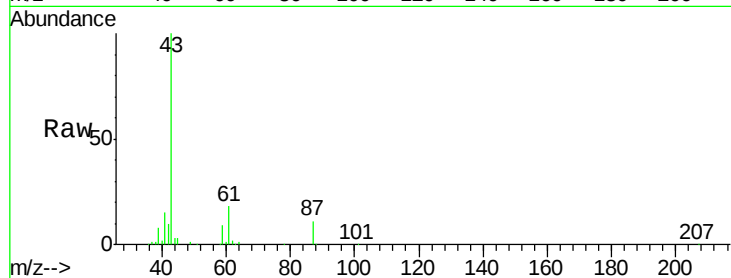
#43
Isopropyl Acetate
Concen: 55.779 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	19.5	29.3#
87	11.3	8.9	13.3

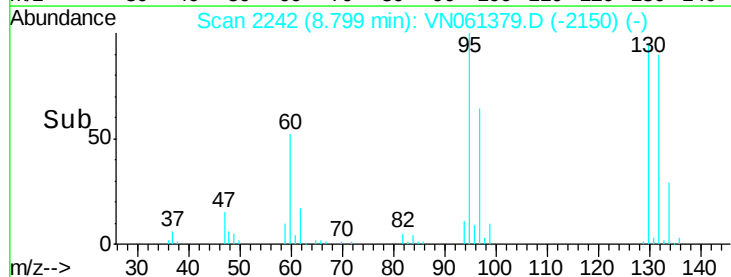
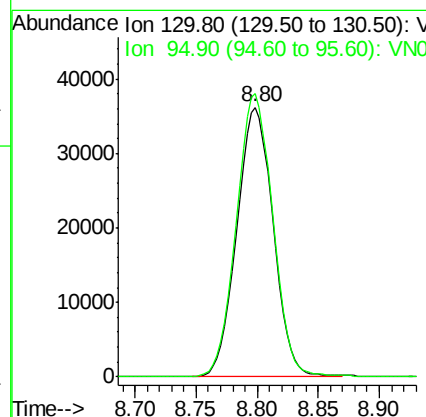
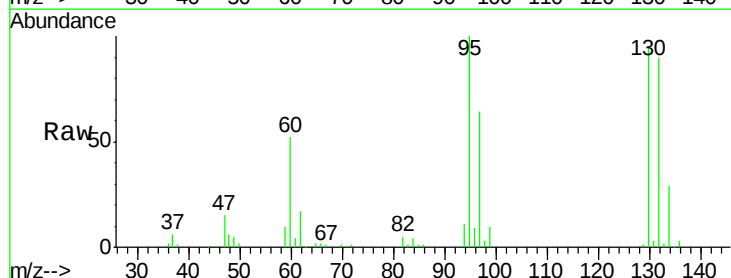
Manual Integrations
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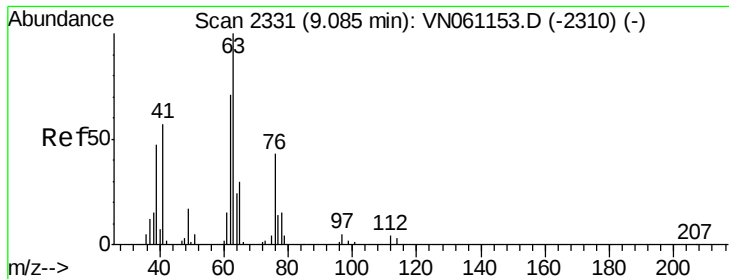
sam
5/12/2020 3:33:57 PM



#44
Trichloroethene
Concen: 52.407 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	212.4





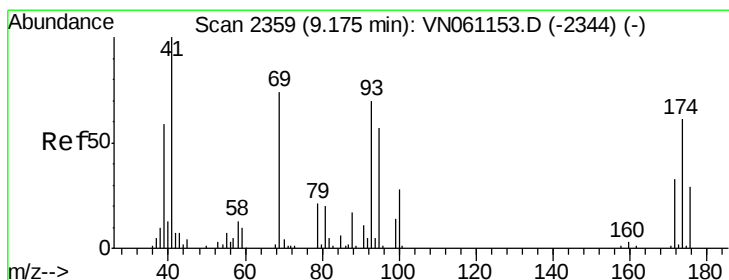
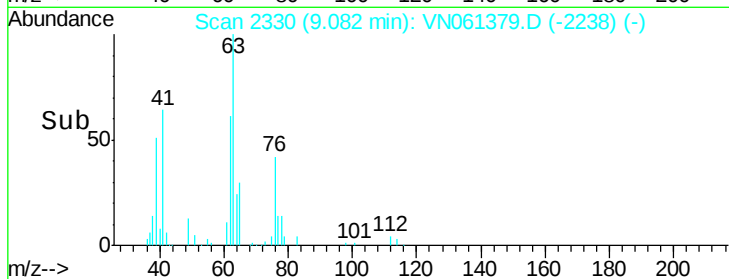
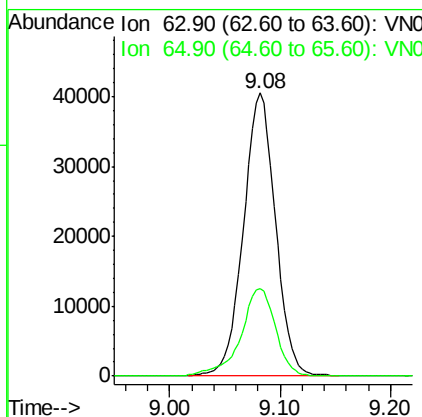
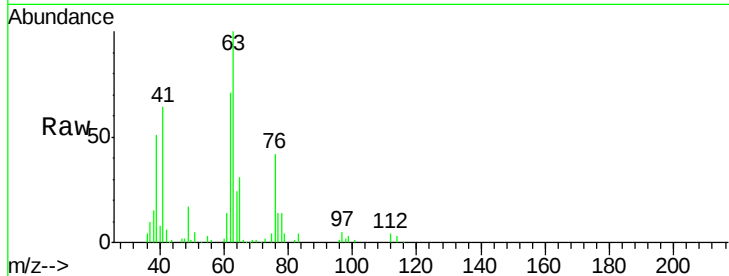
#45
 1,2-Dichloropropane
 Concen: 57.774 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 81539
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.7 37.1

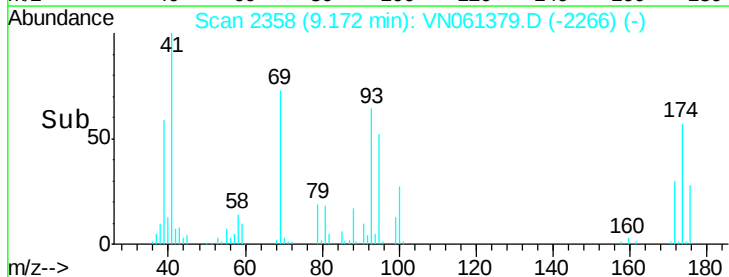
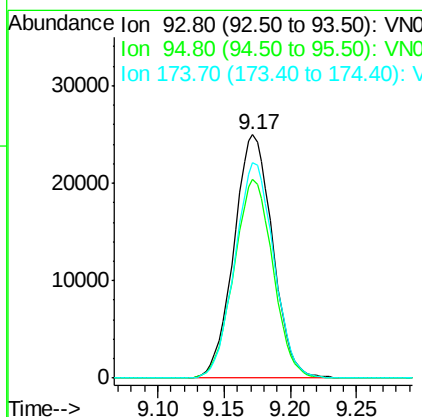
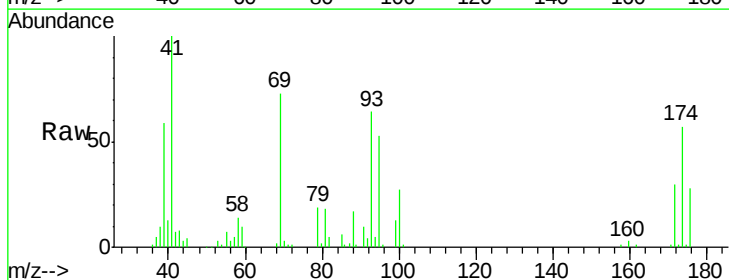
Manual Integrations
 APPROVED

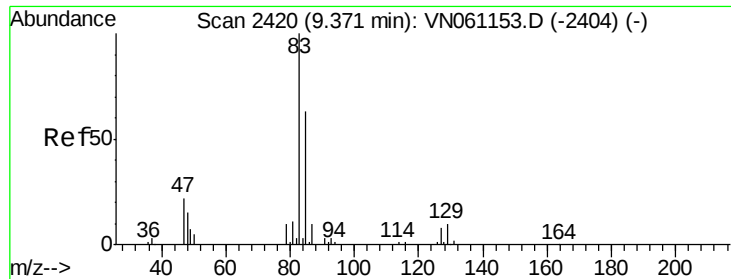
sam
 5/12/2020 3:33:57 PM



#46
 Dibromomethane
 Concen: 58.034 ug/l
 RT: 9.17 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion: 93 Resp: 50714
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 99.8
 174 88.9 70.2 105.2





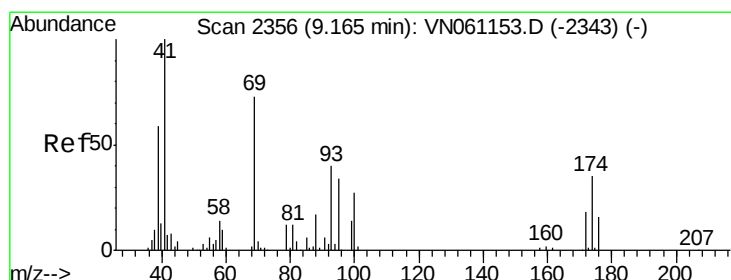
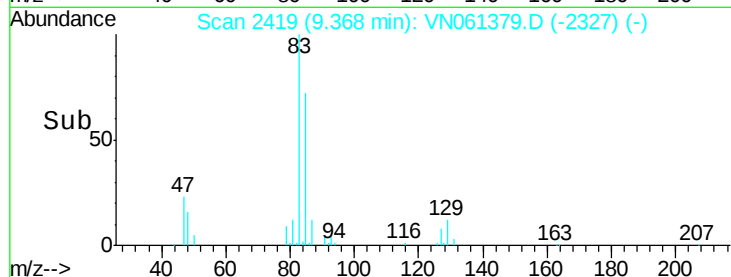
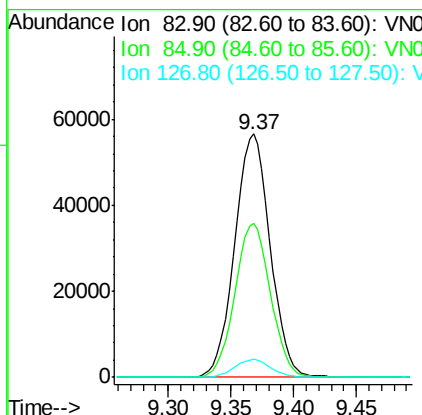
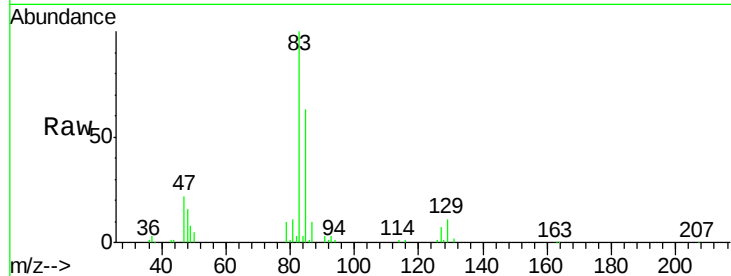
#47
Bromodichloromethane
Concen: 59.282 ug/l
RT: 9.37 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	111192
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	50.4	75.6
127	7.5	6.2	9.2

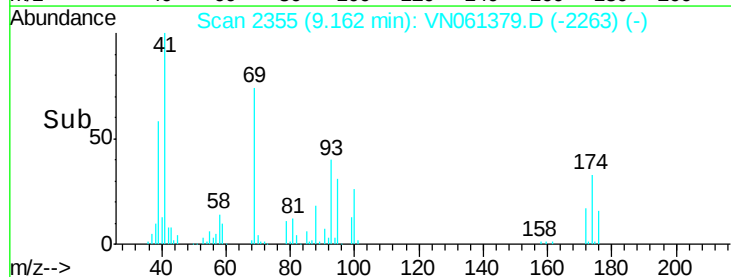
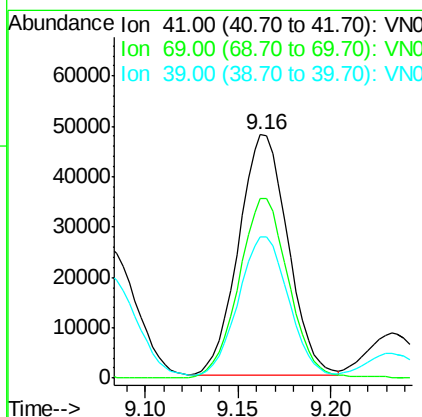
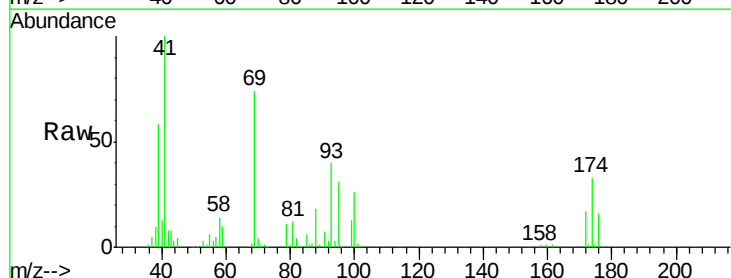
Manual Integrations
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sam
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#48
Methyl methacrylate
Concen: 56.819 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	41	Resp	88456
Ion Ratio	100	Lower	Upper
41	100		
69	75.4	60.3	90.5
39	59.9	47.4	71.0





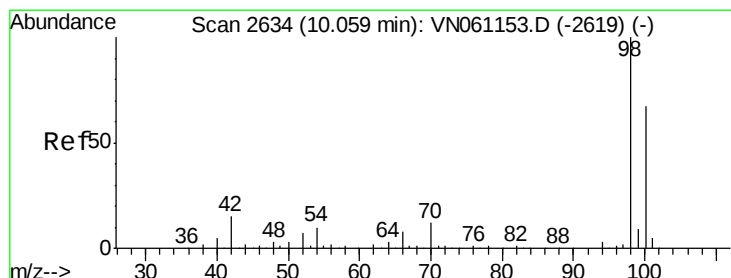
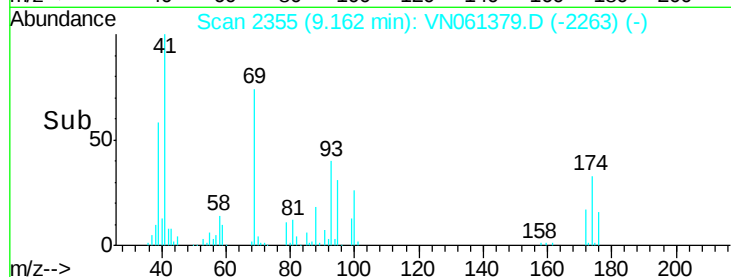
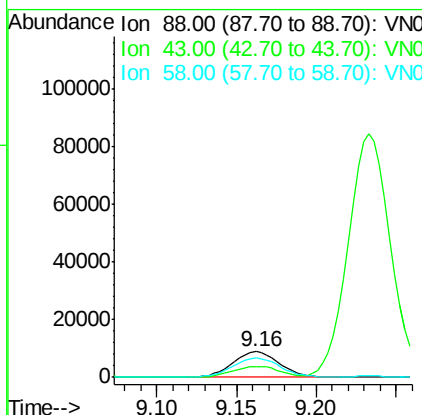
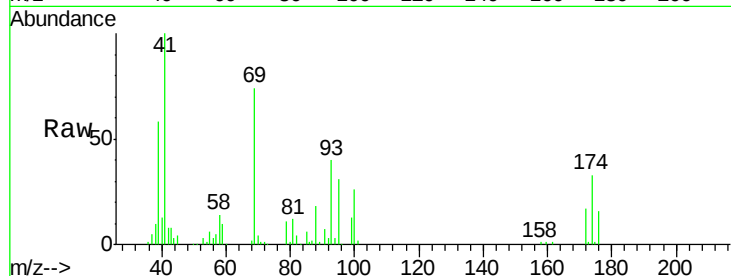
#49
1,4-Dioxane
Concen: 1000.022 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.0	35.3	52.9
58	77.8	61.5	92.3

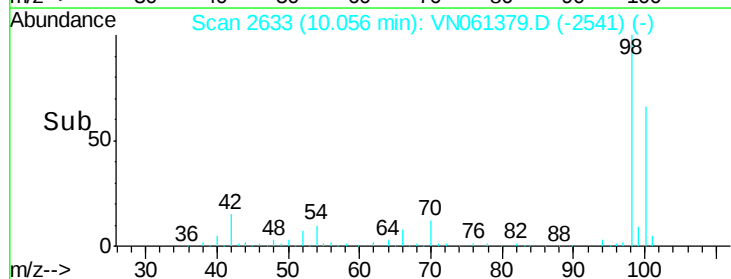
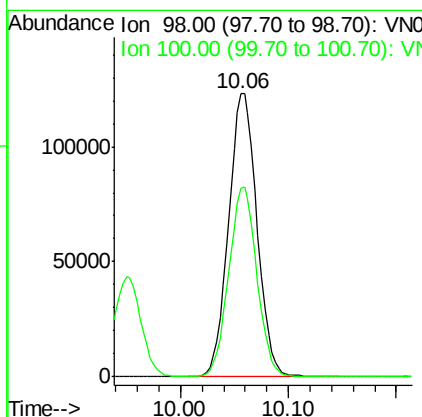
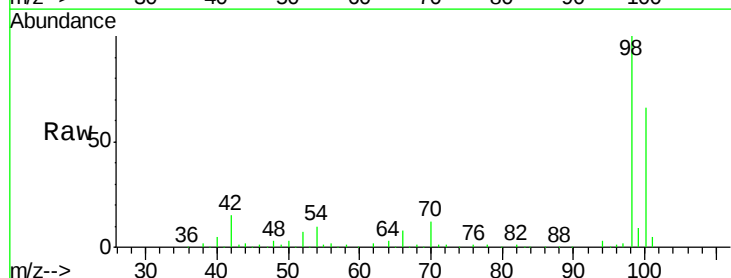
Manual Integrations
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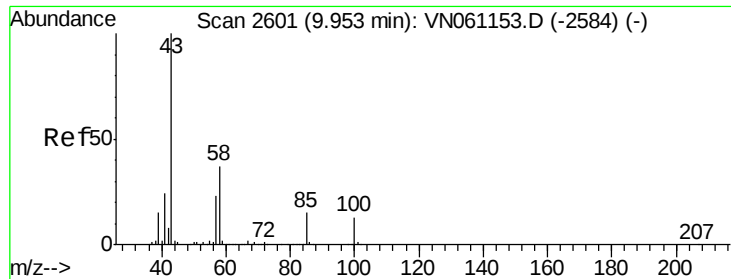
sam
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#50
Toluene-d8
Concen: 52.907 ug/l
RT: 10.06 min Scan# 2633
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.4	80.0





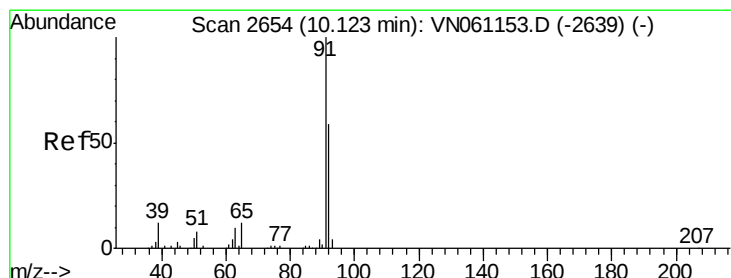
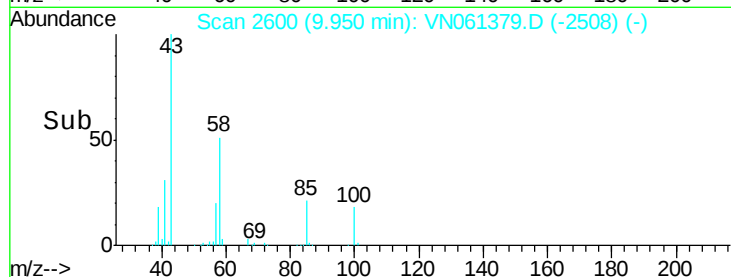
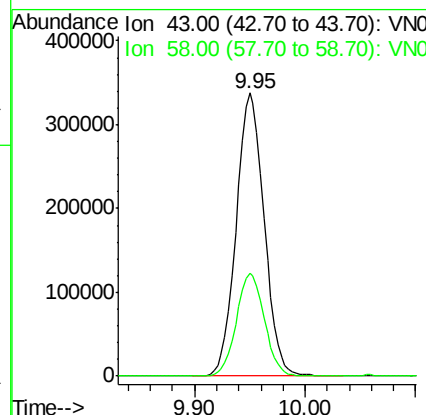
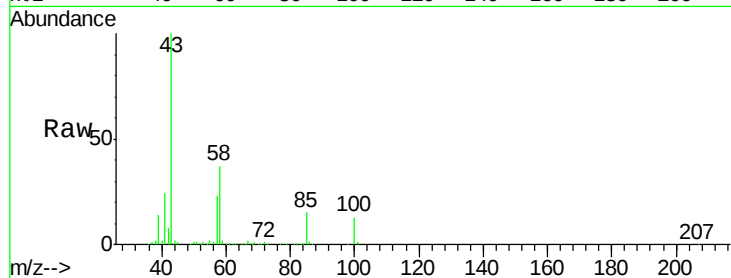
#51
4-Methyl-2-Pentanone
Concen: 292.327 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.1	43.7

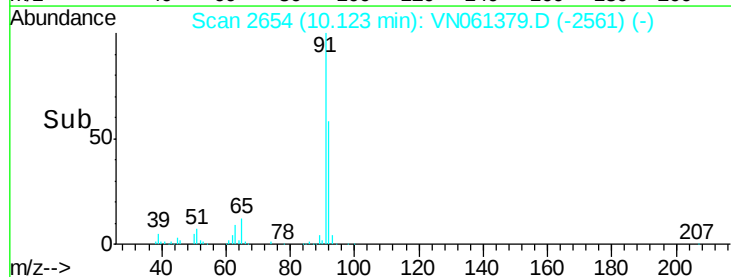
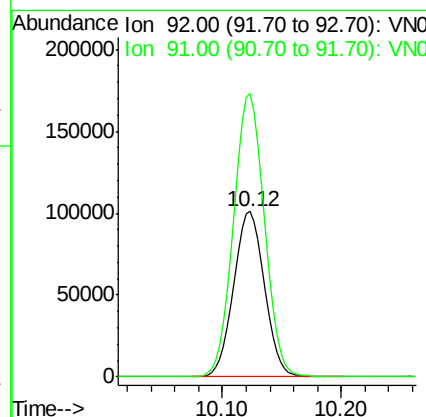
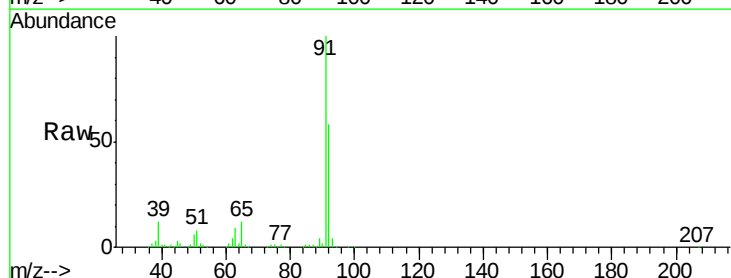
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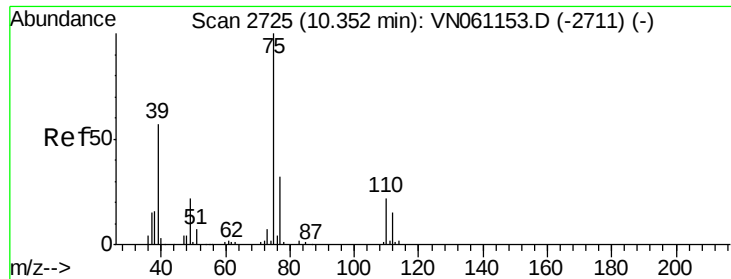
Sam
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#52
Toluene
Concen: 57.221 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.3	136.2	204.2





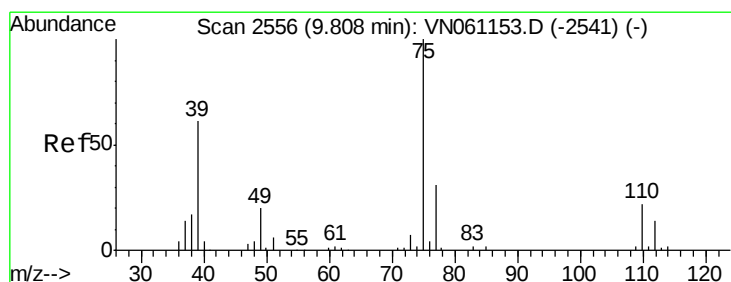
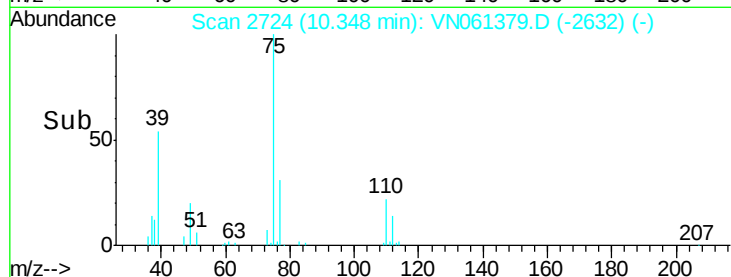
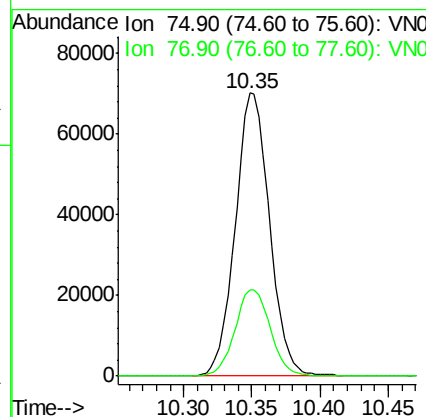
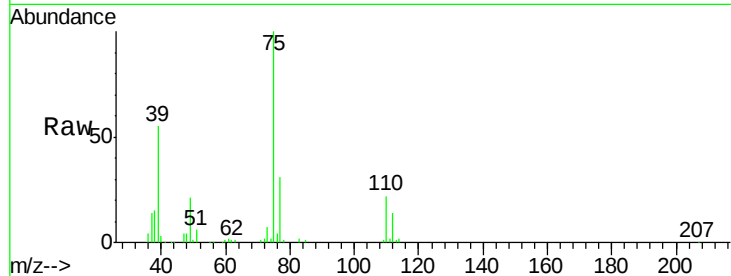
#53
t-1,3-Dichloropropene
Concen: 57.907 ug/l
RT: 10.35 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.5	38.3

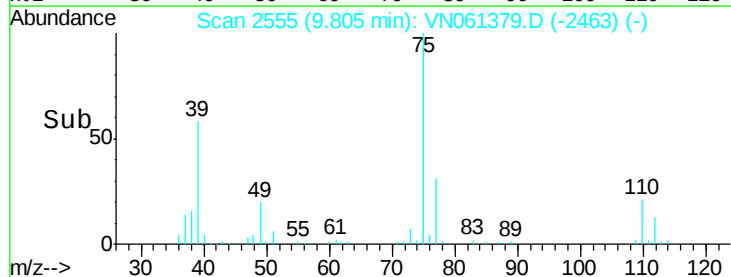
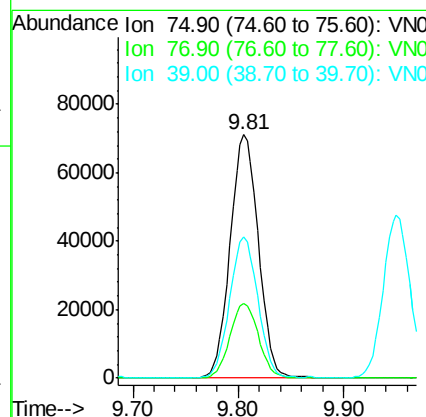
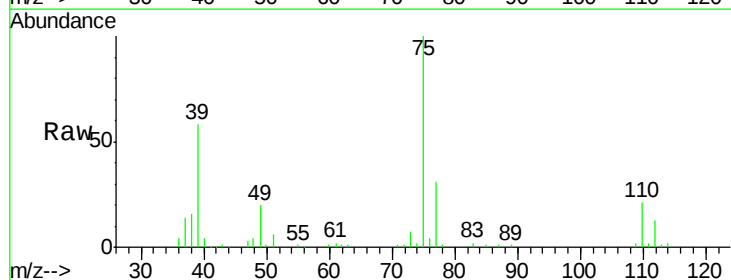
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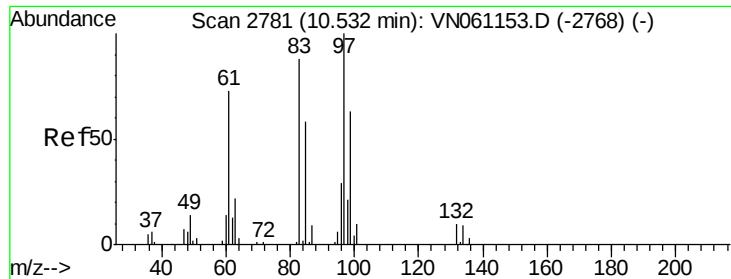
sam
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#54
cis-1,3-Dichloropropene
Concen: 59.040 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.0	37.4
39	58.2	48.7	73.1





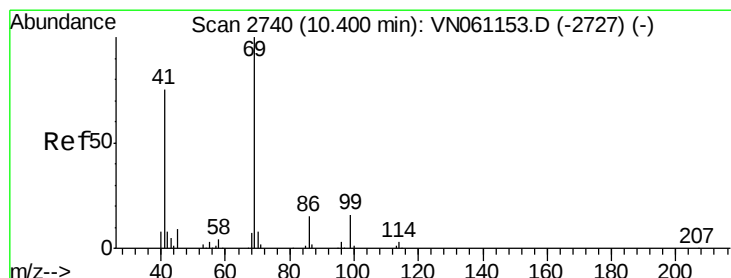
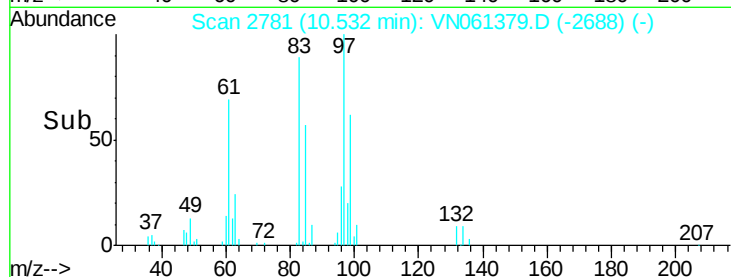
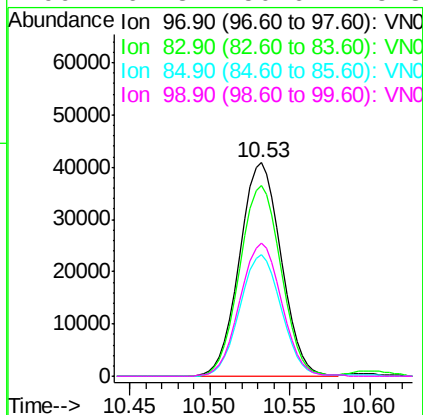
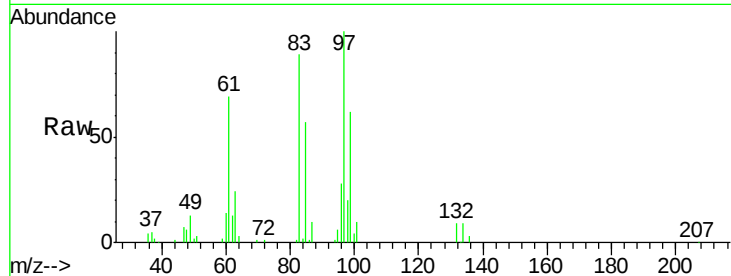
#55
 1,1,2-Trichloroethane
 Concen: 57.219 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	72622
Ion	Ratio	Lower	Upper
97	100		
83	89.4	70.6	106.0
85	56.7	46.4	69.6
99	62.3	50.6	75.8

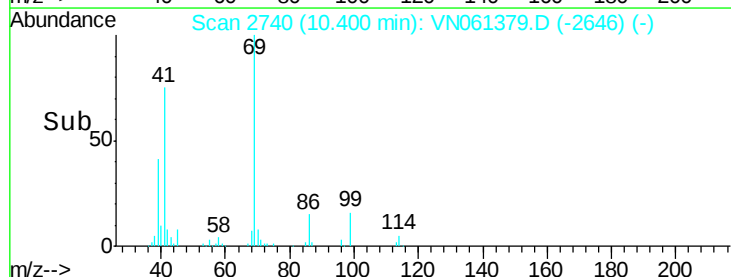
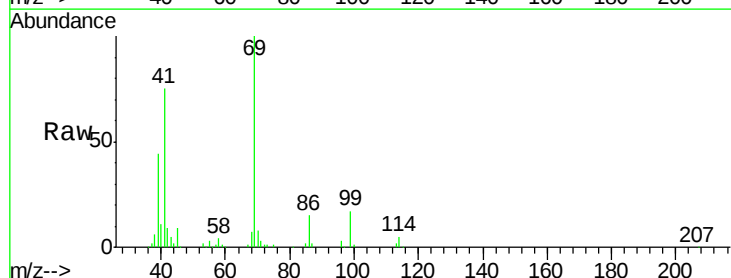
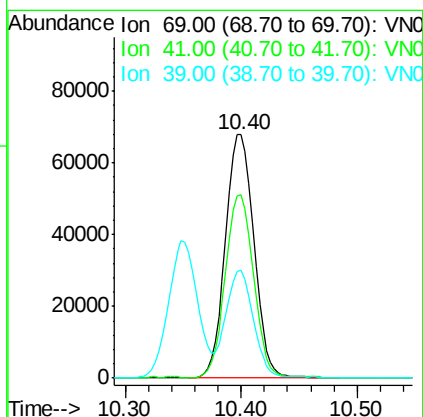
Manual Integrations
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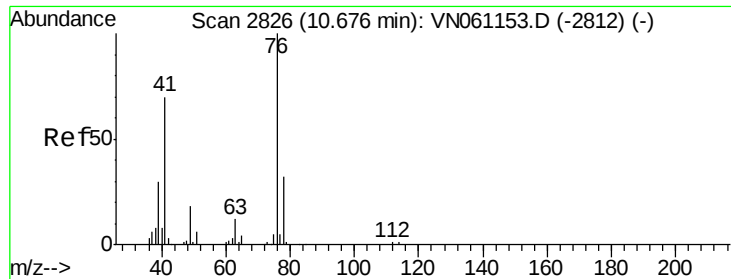
sam
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#56
 Ethyl methacrylate
 Concen: 52.243 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion:	69	Resp:	115830
Ion	Ratio	Lower	Upper
69	100		
41	73.7	60.3	90.5
39	43.2	35.9	53.9





#57

1,3-Dichloropropane

Concen: 58.181 ug/l

RT: 10.68 min Scan# 2826

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 129797

Ion Ratio Lower Upper

76 100

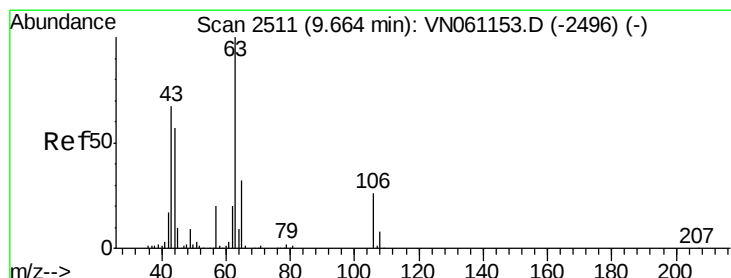
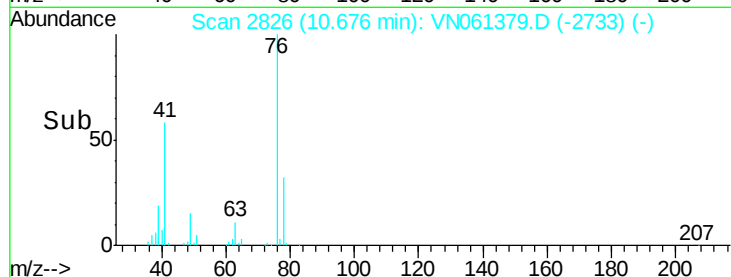
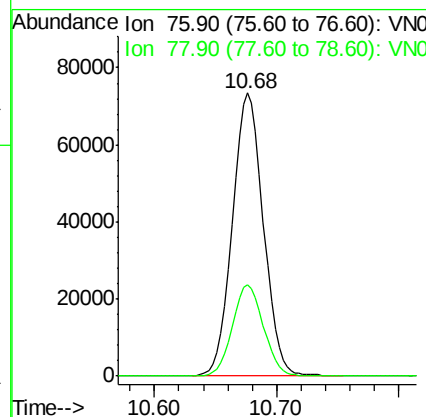
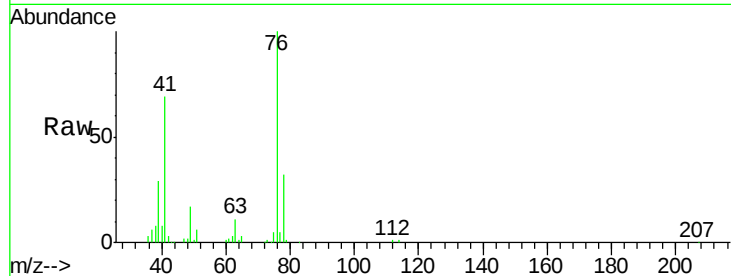
78 32.4 25.5 38.3

Manual Integrations

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sam

5/12/2020 3:33:57 PM



#58

2-Chloroethyl Vinyl ether

Concen: 290.756 ug/l

RT: 9.66 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VN061379.D

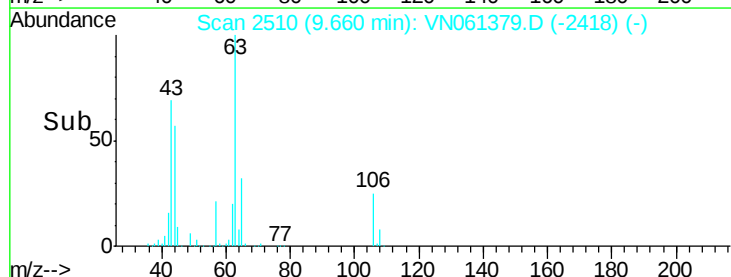
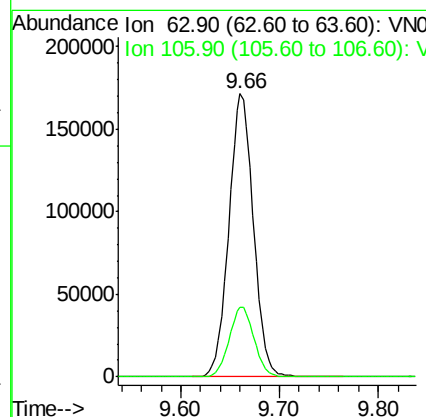
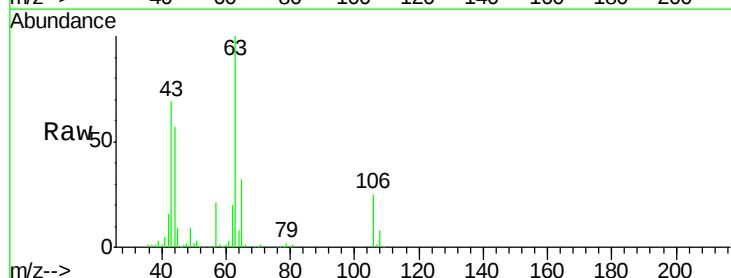
Acq: 11 May 2020 10:26

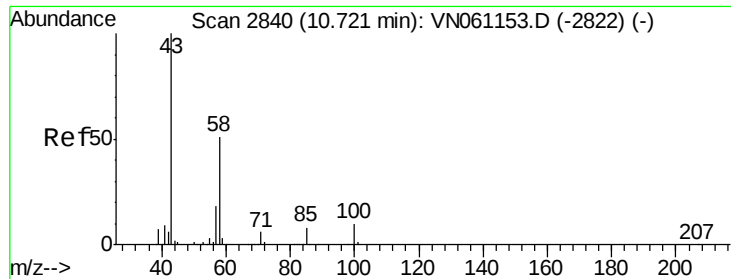
Tgt Ion: 63 Resp: 298708

Ion Ratio Lower Upper

63 100

106 25.0 20.6 30.8





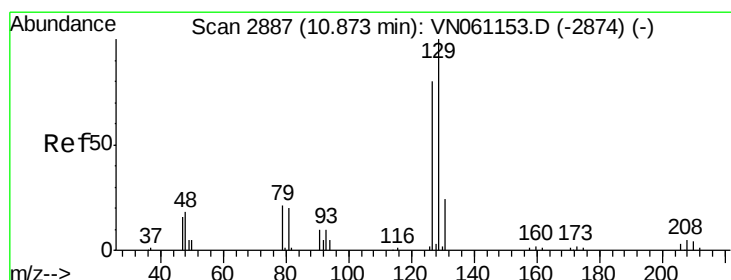
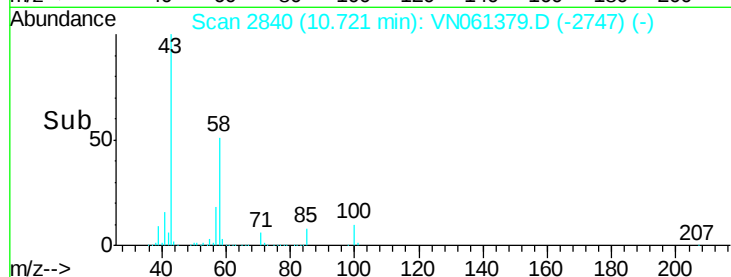
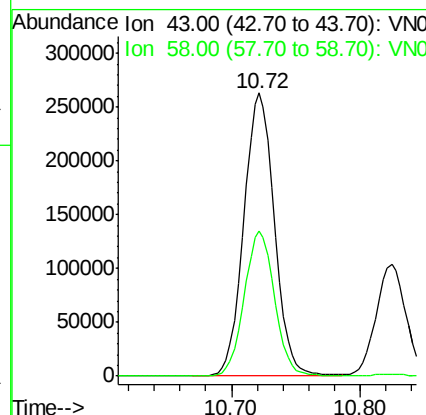
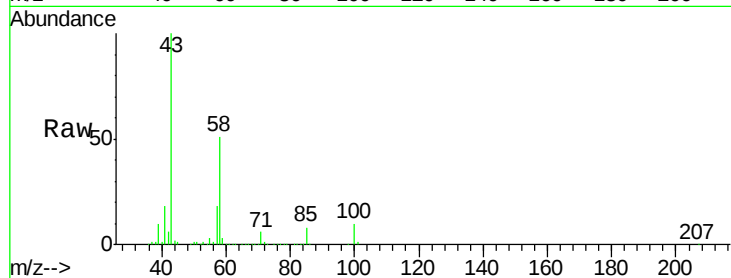
#59
2-Hexanone
Concen: 293.889 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 434184
Ion Ratio Lower Upper
43 100
58 50.7 25.4 76.4

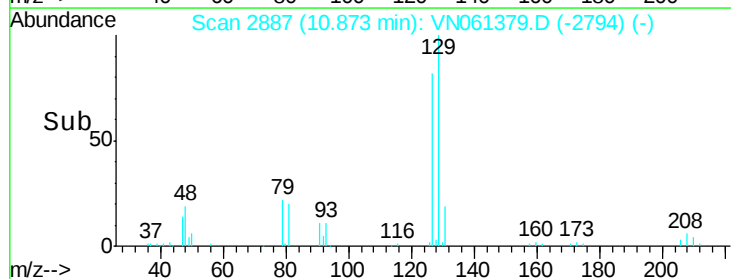
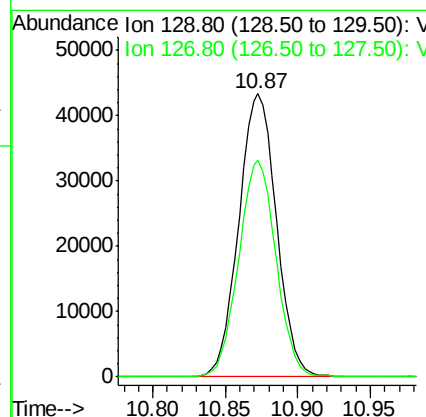
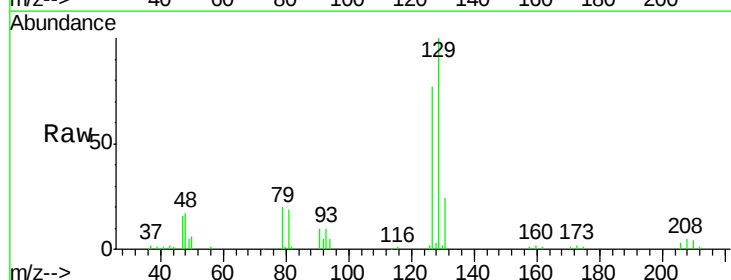
Manual Integrations
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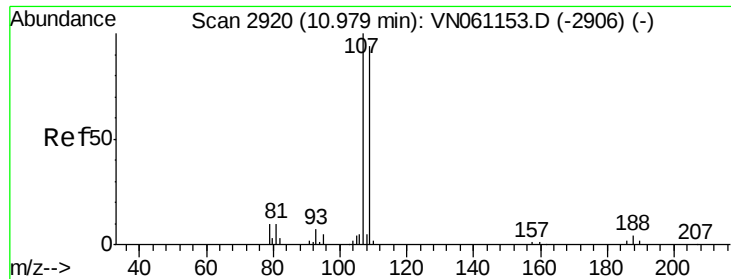
sam
5/12/2020 3:33:57 PM



#60
Dibromochloromethane
Concen: 58.939 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion: 129 Resp: 78347
Ion Ratio Lower Upper
129 100
127 75.8 39.3 117.8





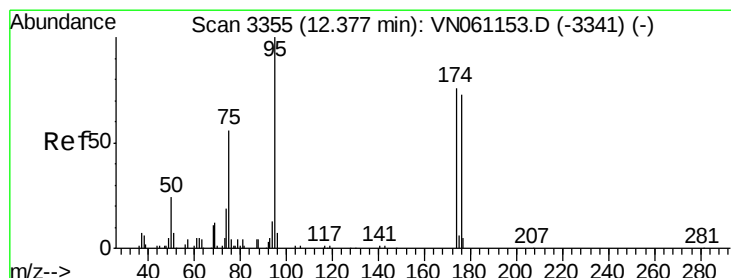
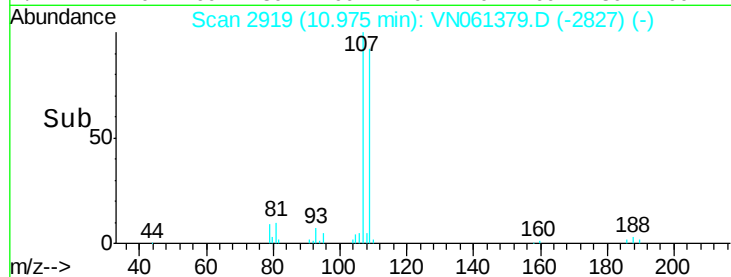
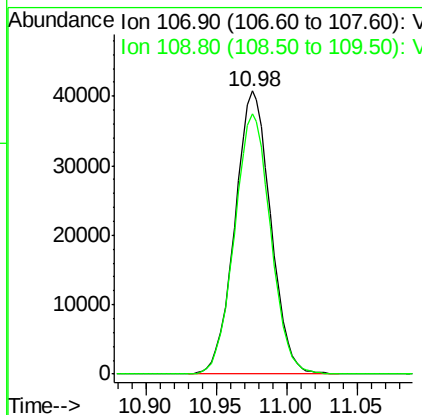
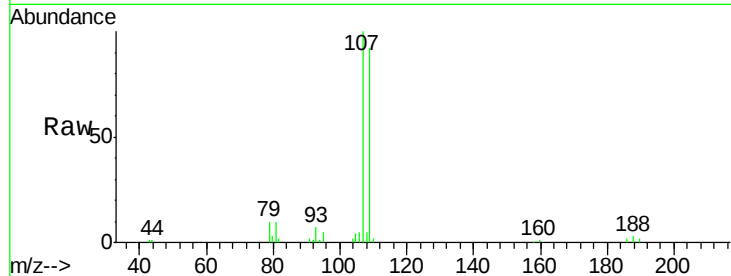
#61
 1,2-Dibromoethane
 Concen: 56.912 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	74.8	112.2

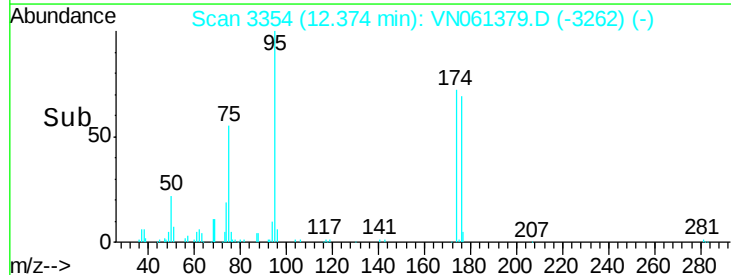
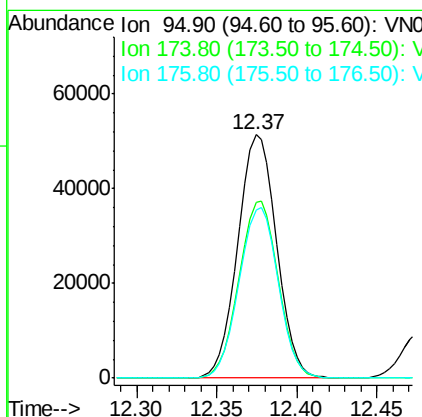
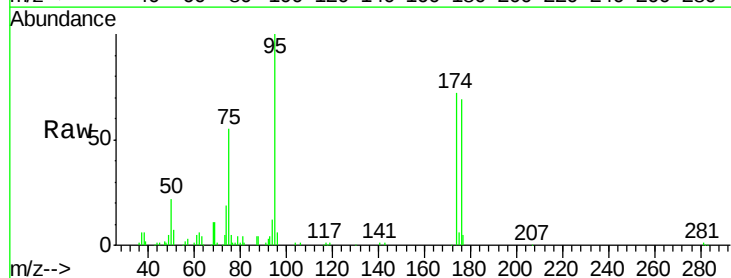
Manual Integrations
 APPROVED

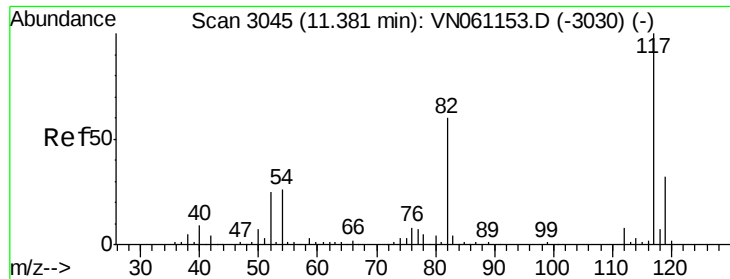
sam
 5/12/2020 3:33:57 PM



#62
 4-Bromofluorobenzene
 Concen: 52.833 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	149.4
176	70.8	0.0	144.8





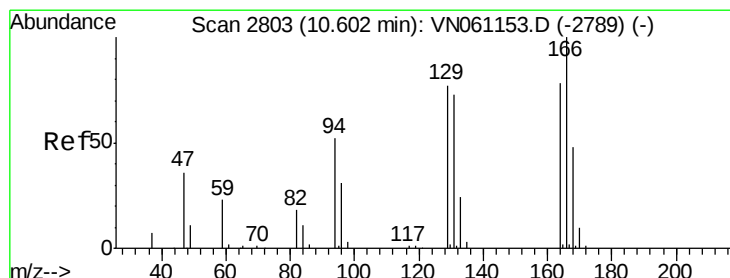
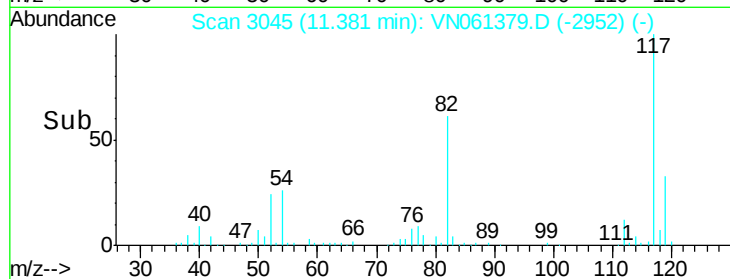
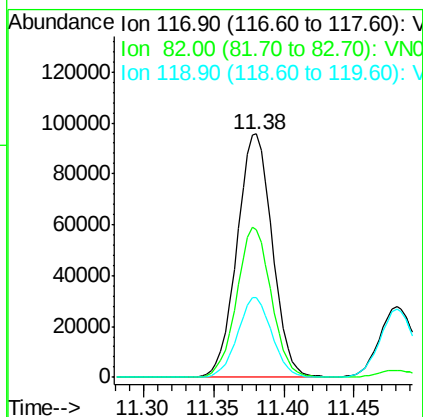
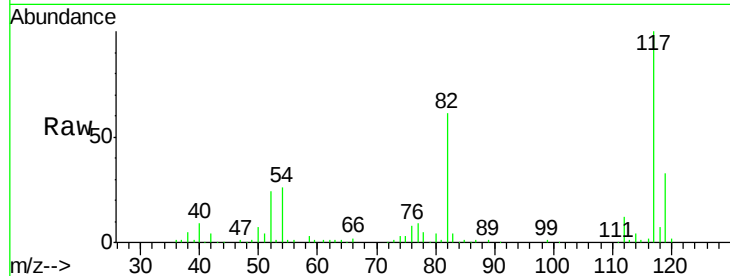
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.8	71.8
119	32.5	25.8	38.6

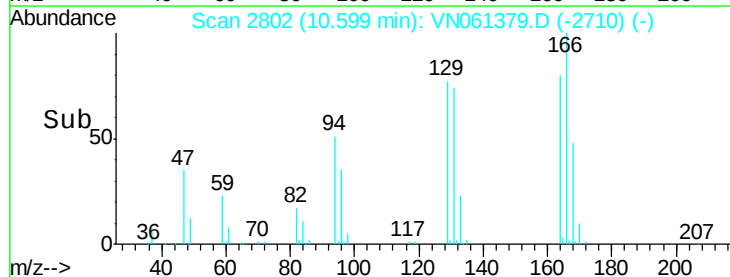
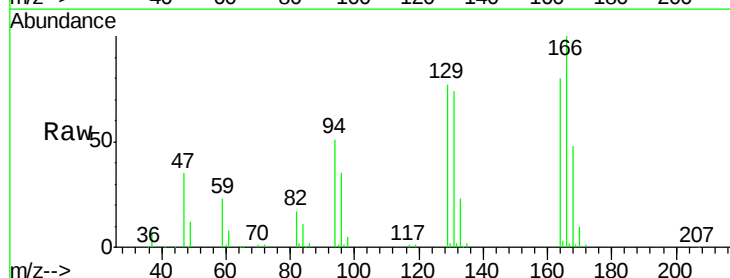
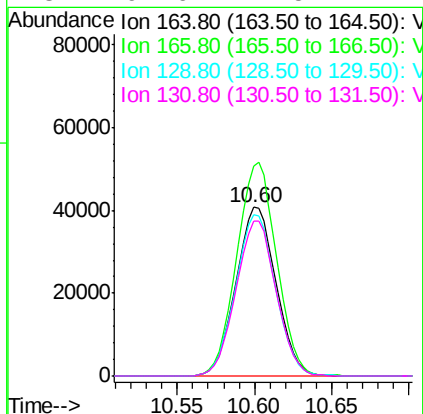
Manual Integrations
APPROVED

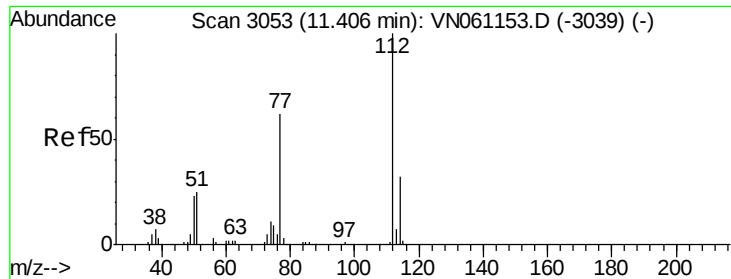
sam
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#64
Tetrachloroethene
Concen: 50.474 ug/l
RT: 10.60 min Scan# 2802
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	102.0	153.0
129	95.3	78.2	117.2
131	91.6	74.5	111.7





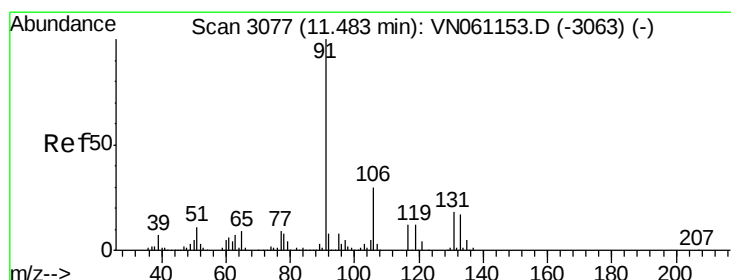
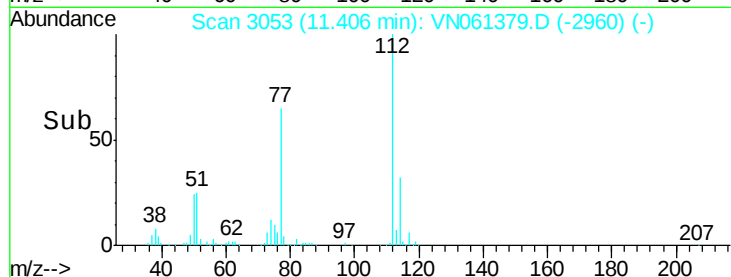
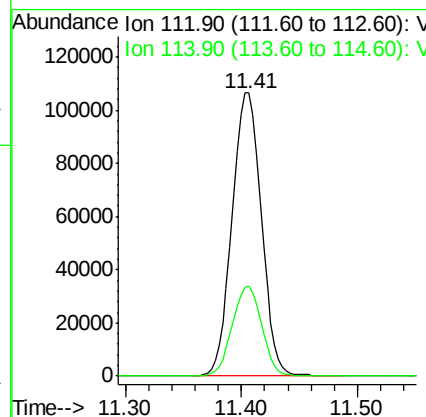
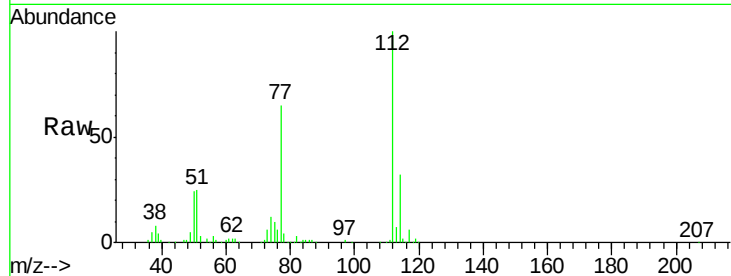
#65
Chlorobenzene
Concen: 55.864 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	186054		
114	31.8	25.4	38.2	

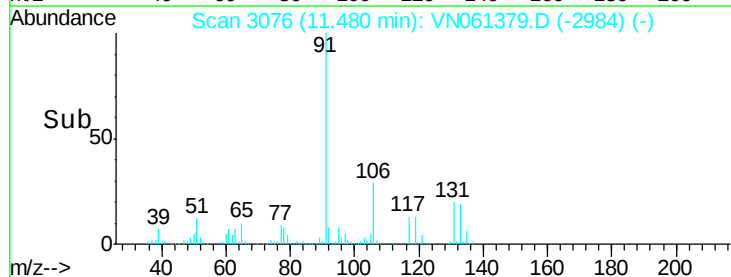
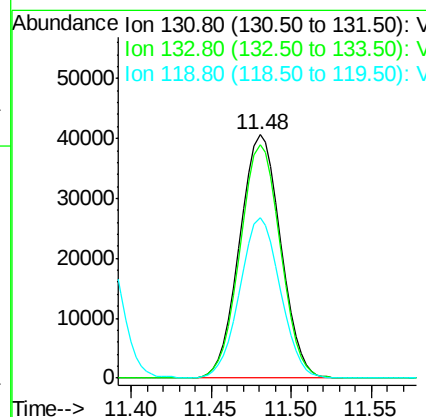
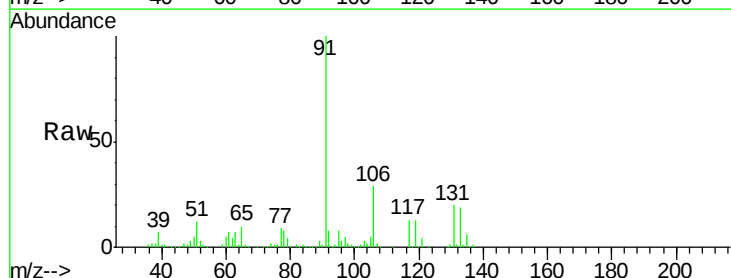
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 59.713 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	71178		
133	94.2	48.0	144.2	
119	64.7	32.6	97.8	





#67

Ethyl Benzene

Concen: 56.812 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 354199

Ion Ratio Lower Upper

91 100

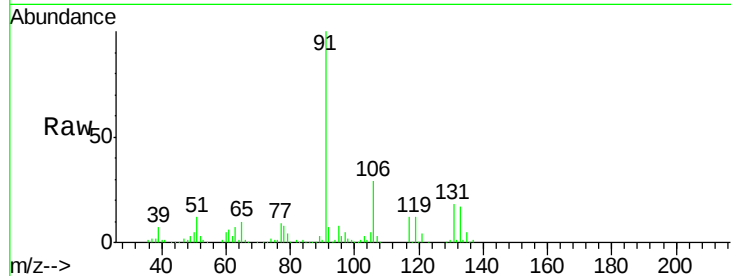
106 29.3 23.8 35.6

Manual Integrations

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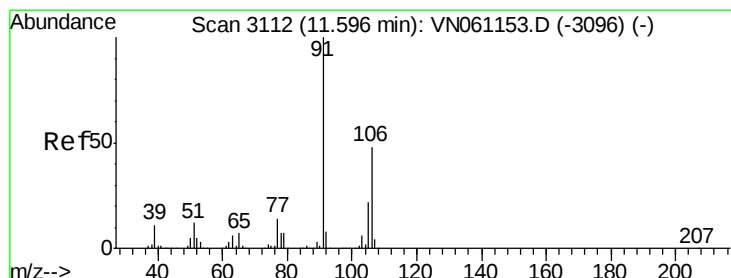
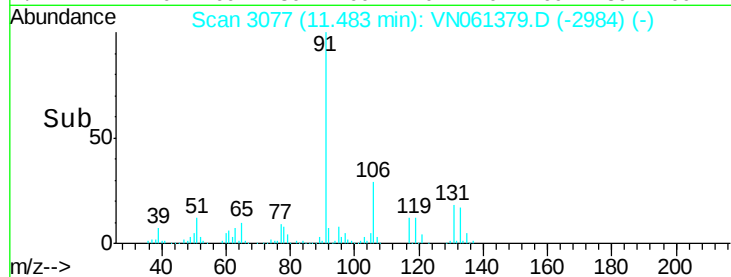
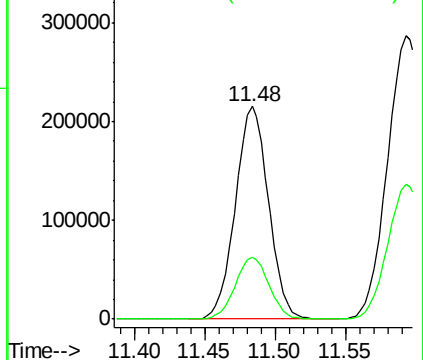
sam

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 114.122 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061379.D

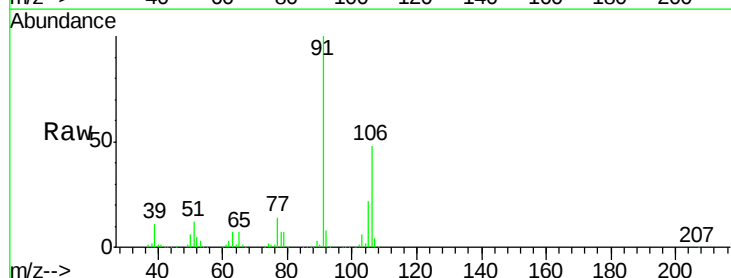
Acq: 11 May 2020 10:26

Tgt Ion:106 Resp: 260432

Ion Ratio Lower Upper

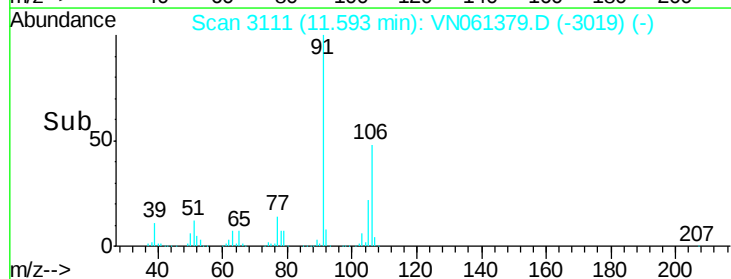
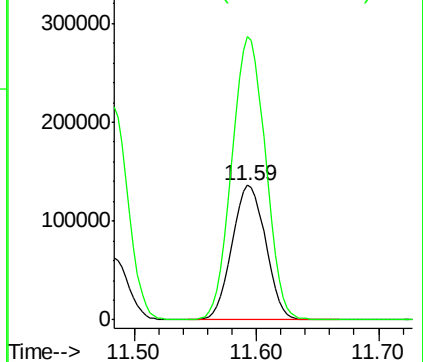
106 100

91 210.7 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





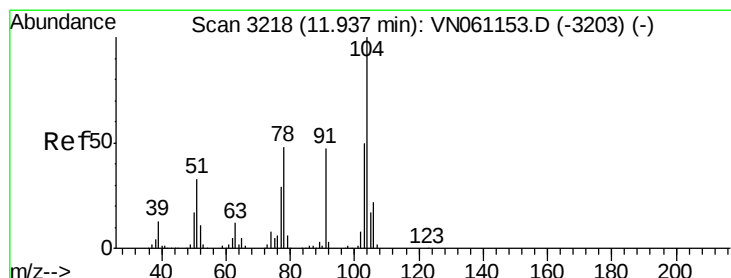
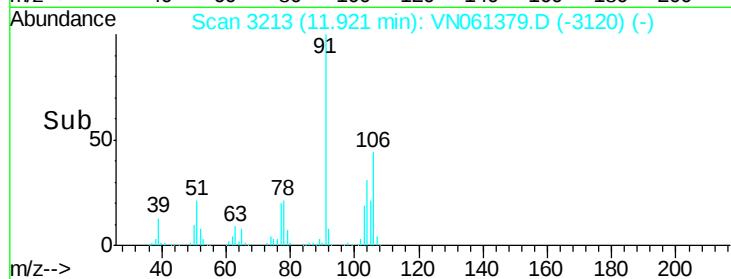
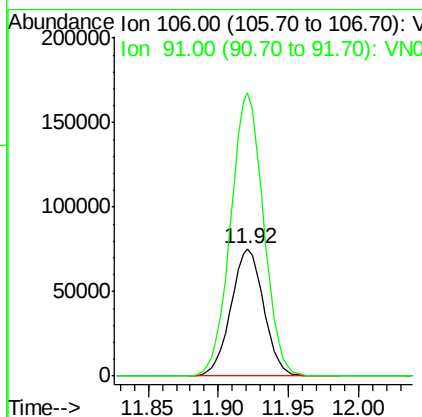
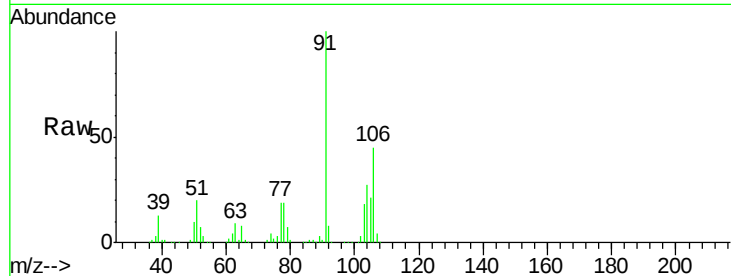
#69
o-Xylene
Concen: 55.882 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		122497		
91	223.4	109.7	329.0		

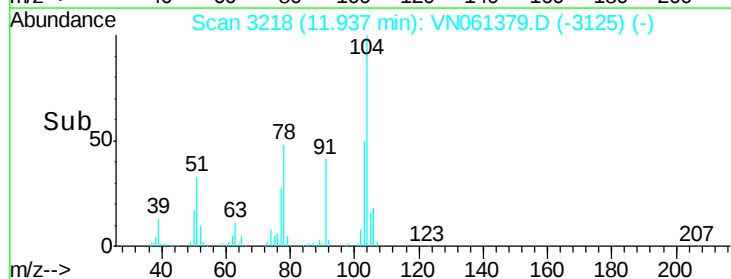
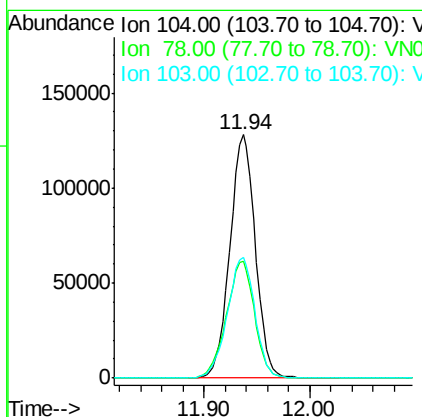
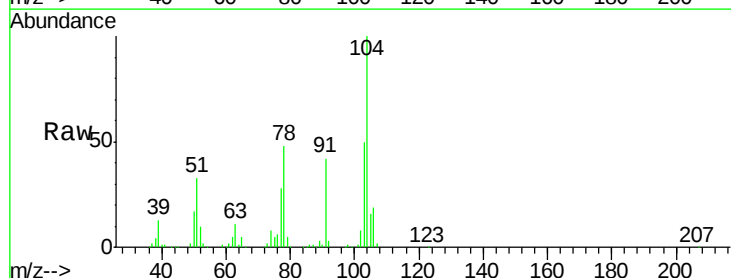
Manual Integrations
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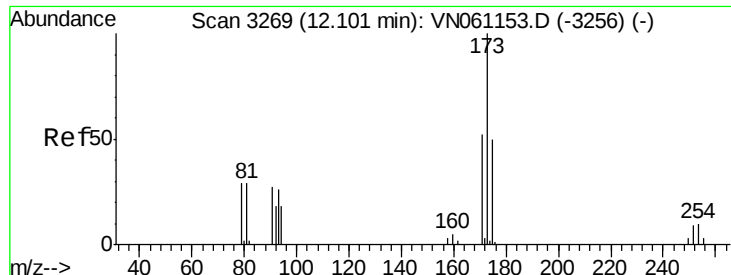
sam
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#70
Styrene
Concen: 58.193 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		213501		
78	53.2	42.1	63.1		
103	53.9	43.3	64.9		





#71

Bromoform

Concen: 60.631 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

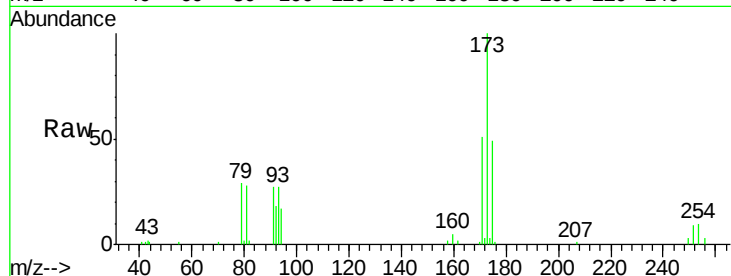
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations
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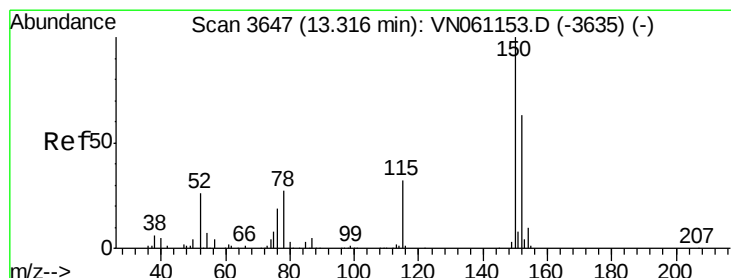
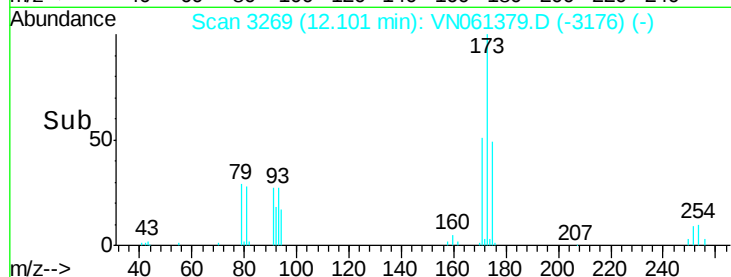
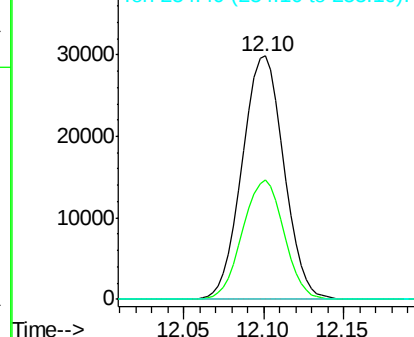


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

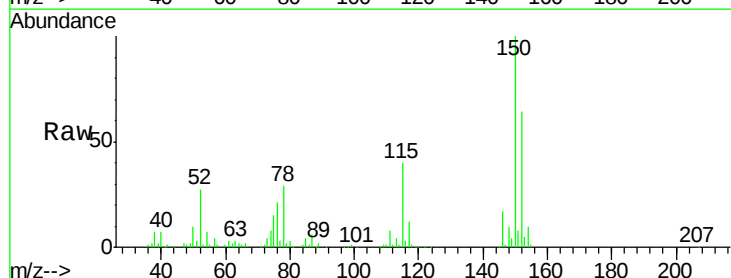
RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.0	93.0
150	174.2	0.0	351.8

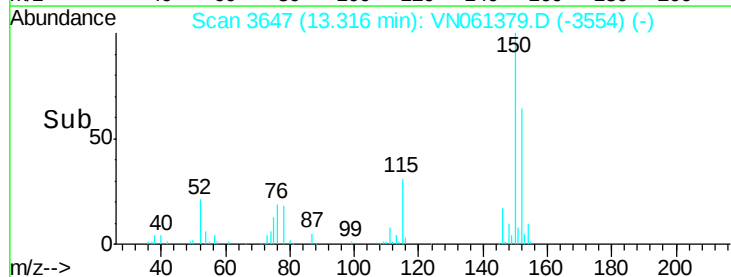
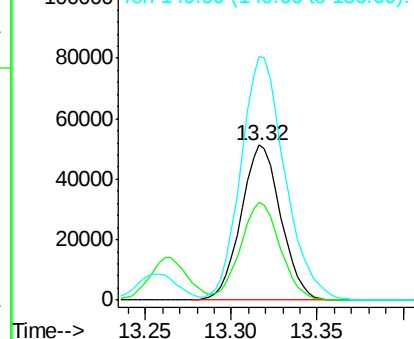


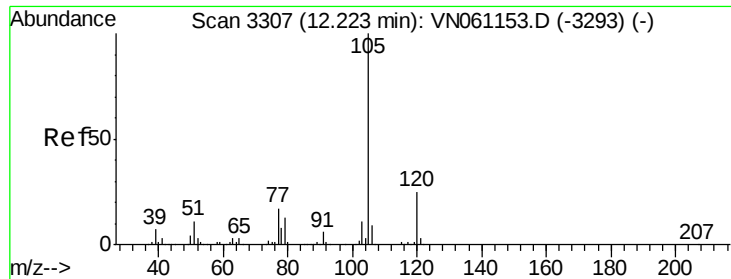
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.895 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 338355

Ion Ratio Lower Upper

105 100

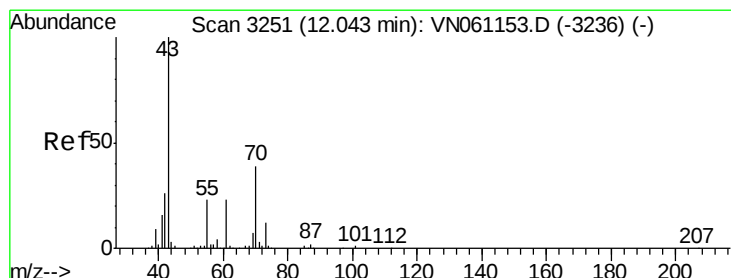
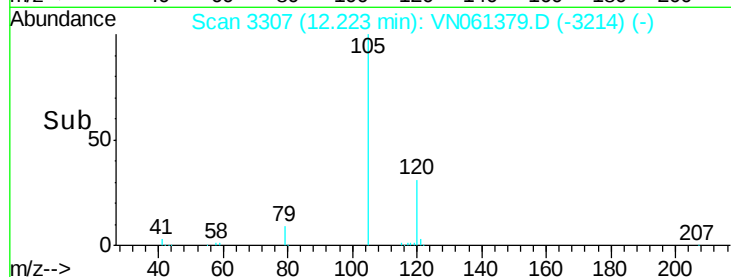
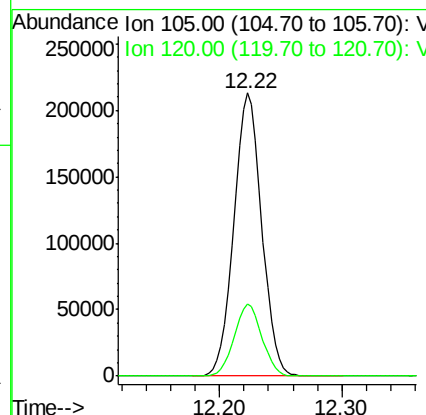
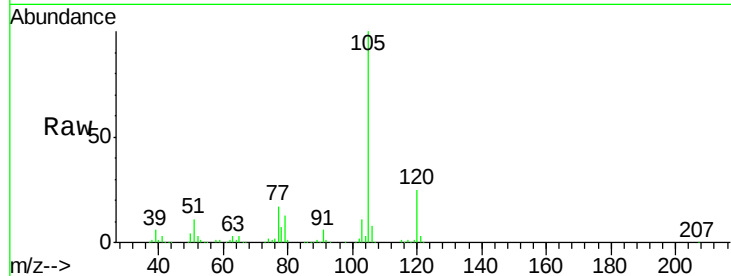
120 25.2 12.6 37.8

Manual Integrations

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sam

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#74

N-ethyl acetate

Concen: 55.214 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Tgt Ion: 43 Resp: 169249

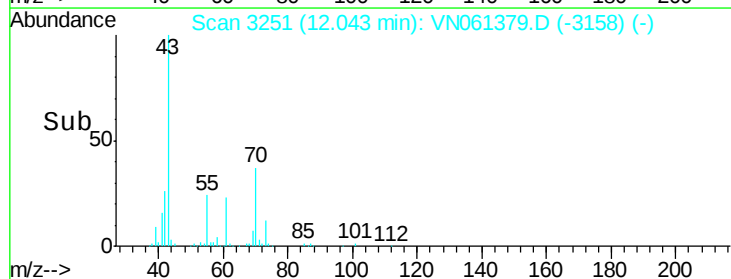
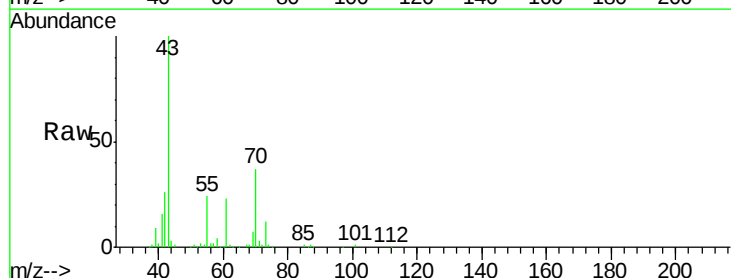
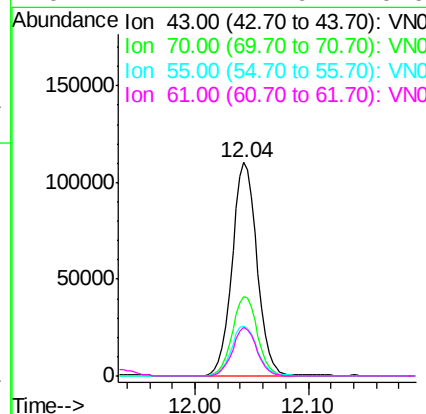
Ion Ratio Lower Upper

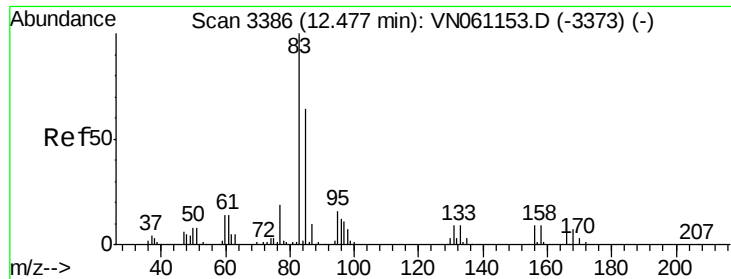
43 100

70 37.8 30.6 46.0

55 24.3 18.5 27.7

61 22.2 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 56.081 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

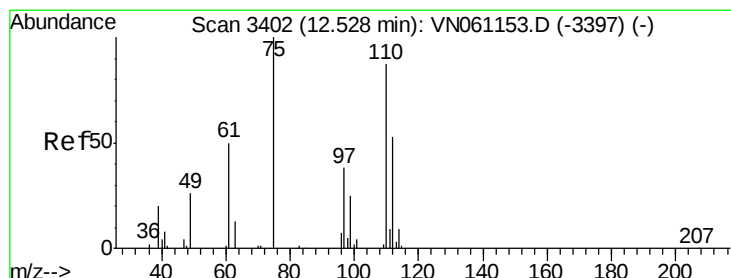
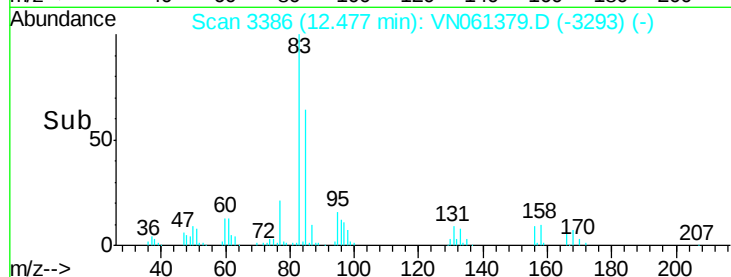
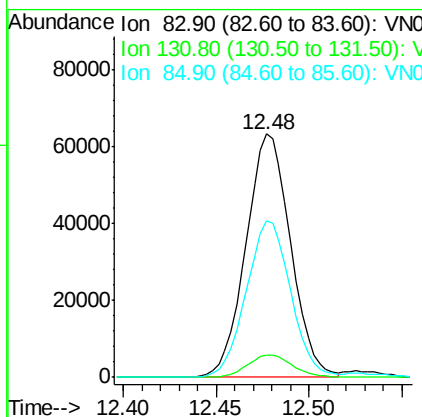
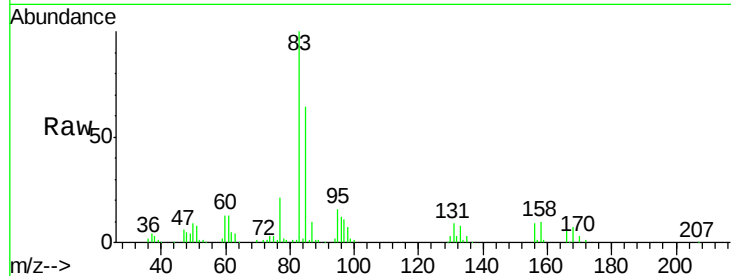
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	105855
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.3
85	63.8	32.0	96.0

Manual Integrations
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5/12/2020 3:33:57 PM



#76

1,2,3-Trichloropropane

Concen: 55.299 ug/l m

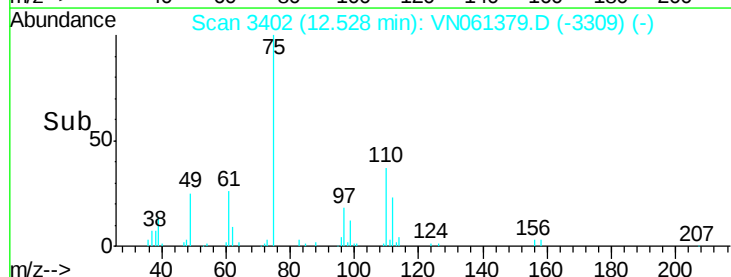
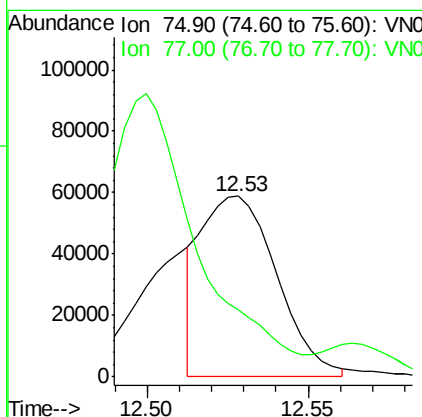
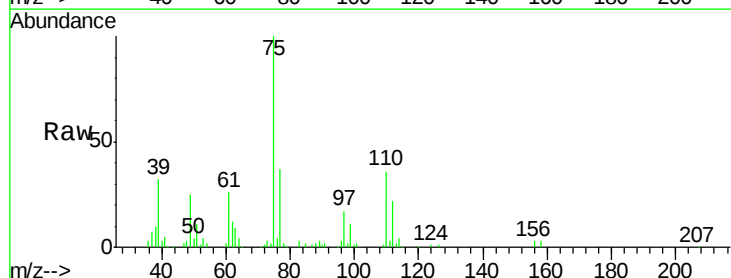
RT: 12.53 min Scan# 3402

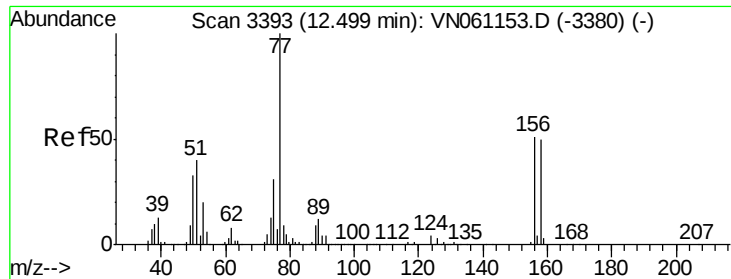
Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Tgt Ion:	75	Resp:	96000
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.075 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 76962

Ion Ratio Lower Upper

156 100

77 244.4 117.4 352.2

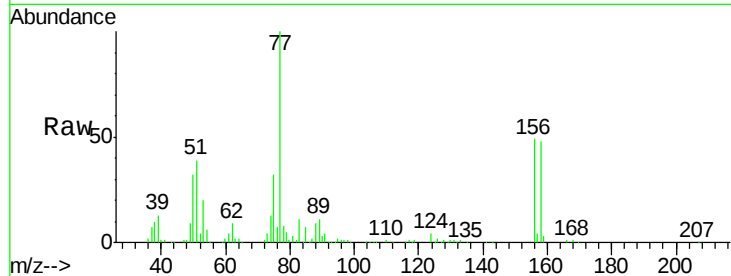
158 98.1 48.4 145.0

Manual Integrations

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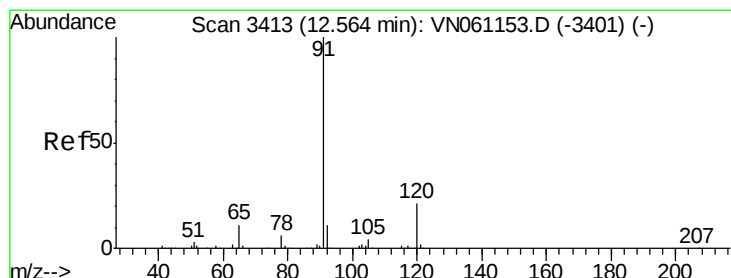
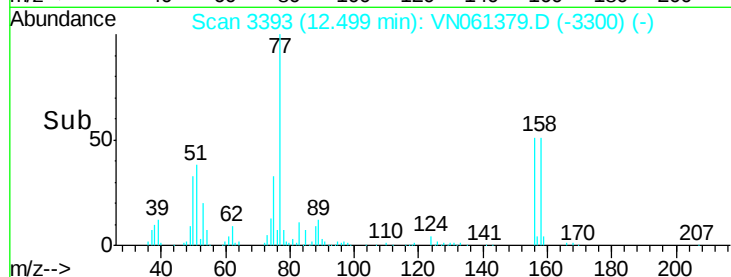
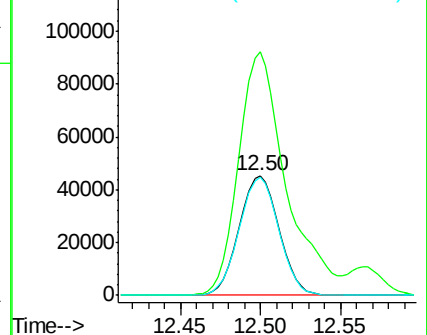
5/12/2020 3:33:57 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.610 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061379.D

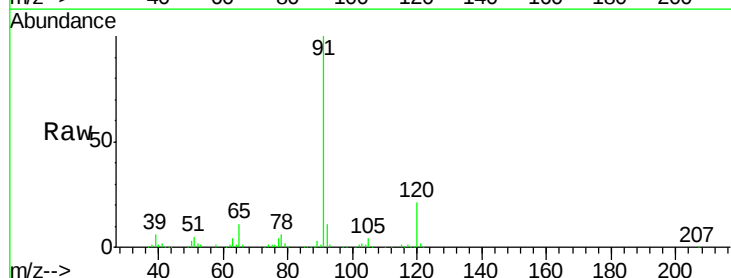
Acq: 11 May 2020 10:26

Tgt Ion: 91 Resp: 406465

Ion Ratio Lower Upper

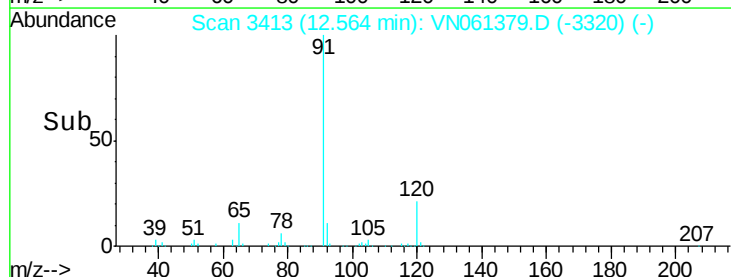
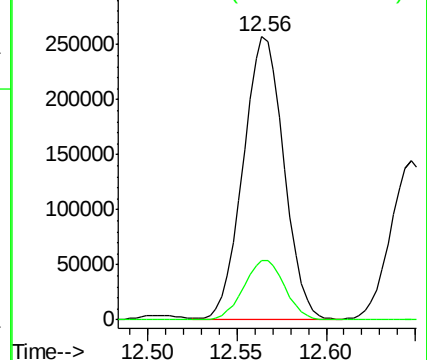
91 100

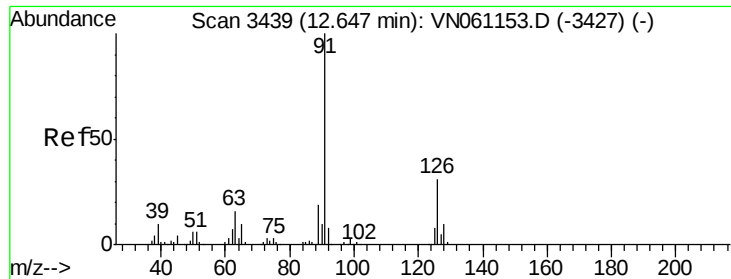
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.345 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 237788

Ion Ratio Lower Upper

91 100

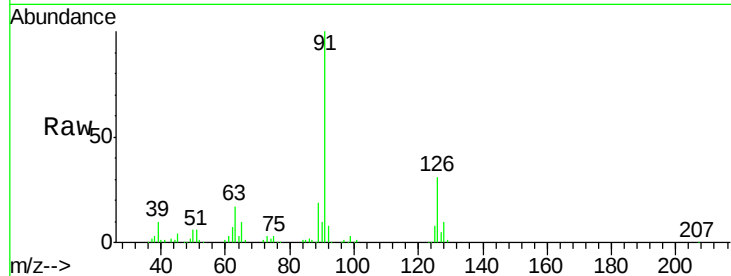
126 31.3 15.9 47.7

Manual Integrations

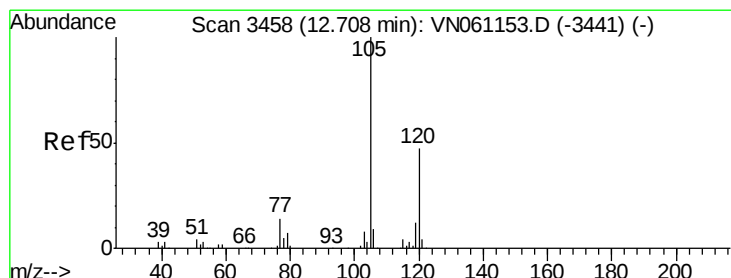
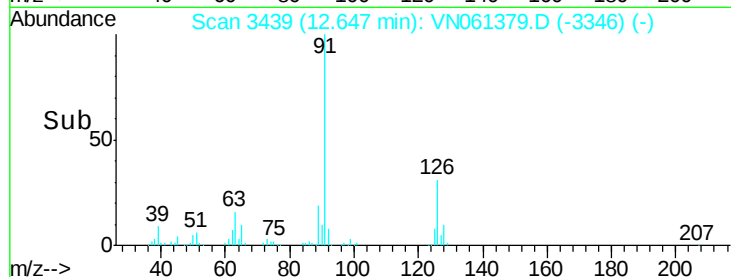
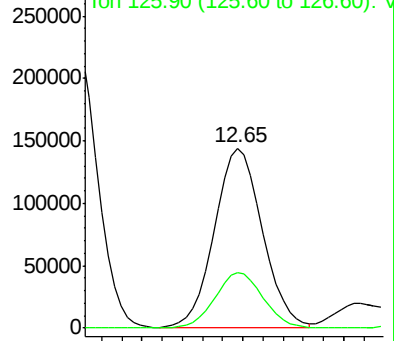
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Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)



#80

1,3,5-Trimethylbenzene

Concen: 56.916 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061379.D

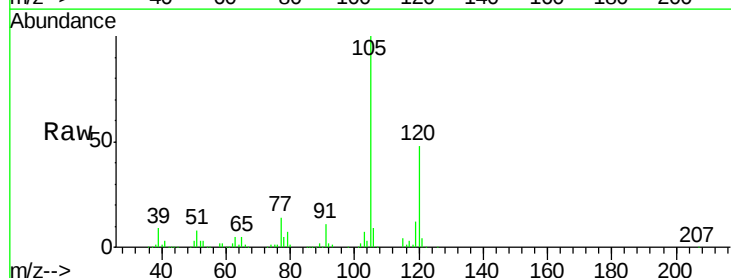
Acq: 11 May 2020 10:26

Tgt Ion: 105 Resp: 285158

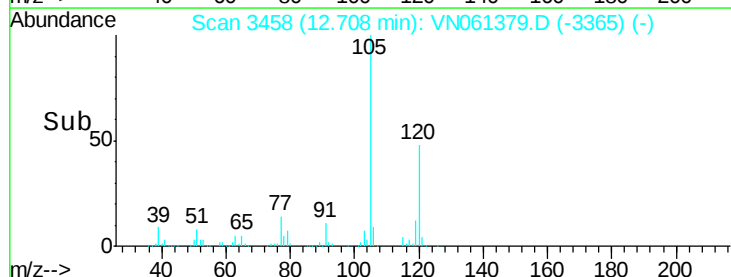
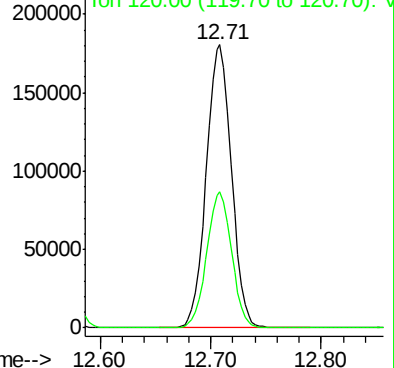
Ion Ratio Lower Upper

105 100

120 47.5 23.9 71.7



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





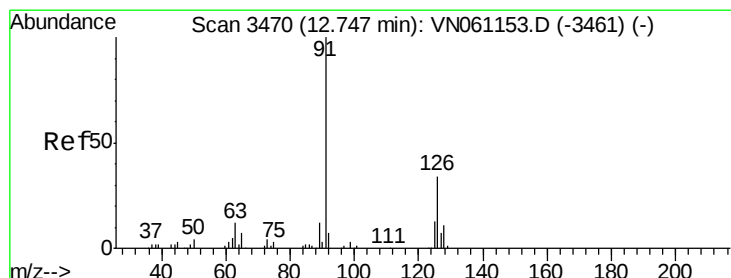
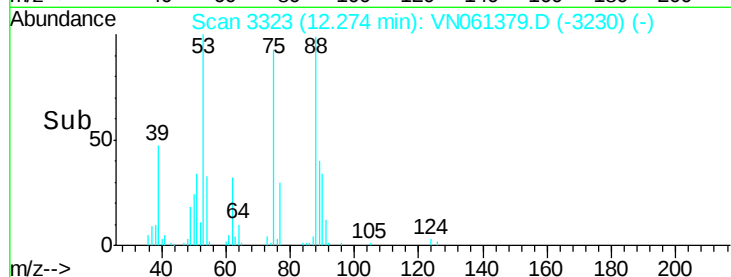
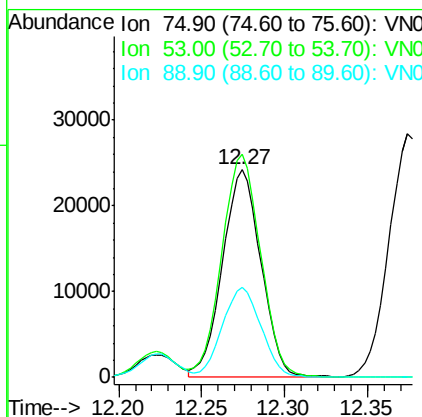
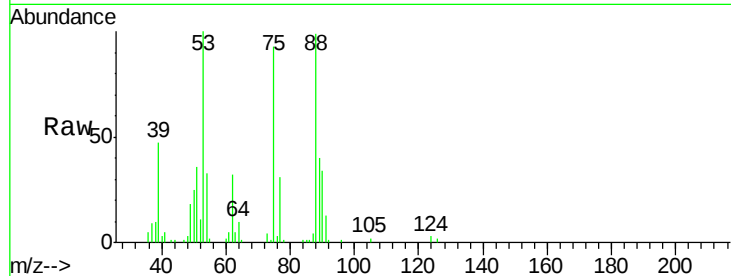
#81
trans-1,4-Dichloro-2-butene
Concen: 57.280 ug/l
RT: 12.27 min Scan# 3323
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.4	84.1	126.1
89	43.6	35.2	52.8

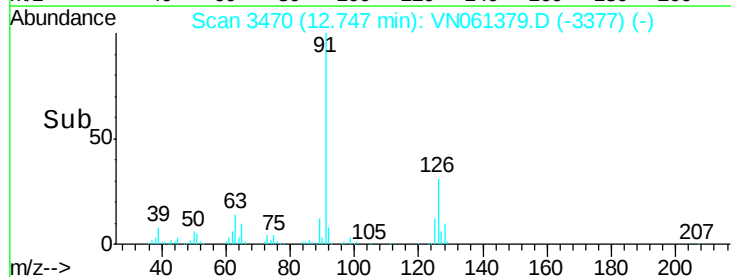
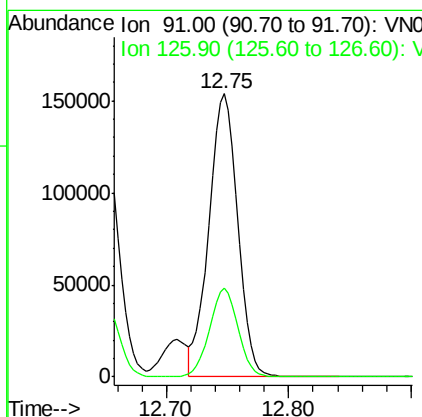
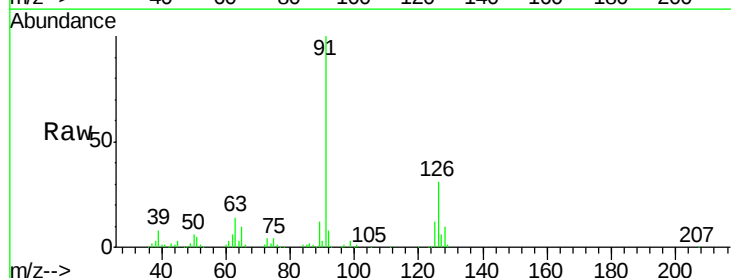
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#82
4-Chlorotoluene
Concen: 57.369 ug/l
RT: 12.75 min Scan# 3470
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.7	47.1





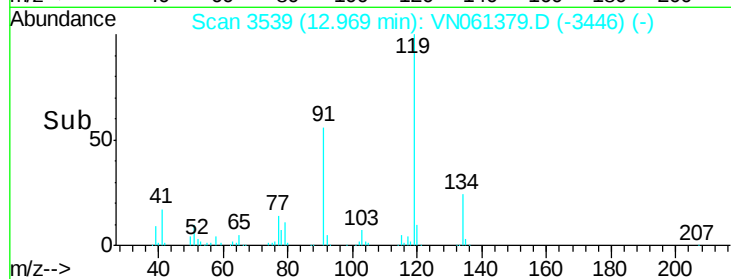
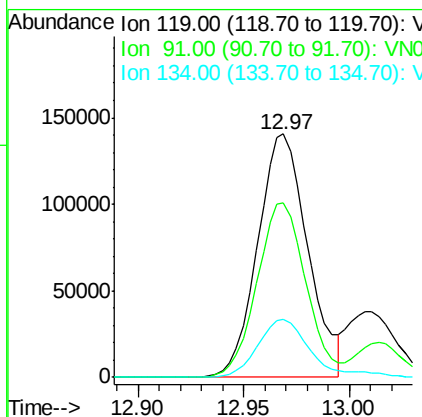
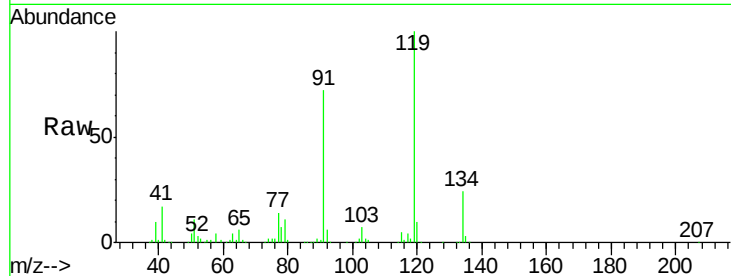
#83
 tert-Butylbenzene
 Concen: 55.054 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	232582		
91	69.6	34.8	104.4	
134	25.4	12.9	38.7	

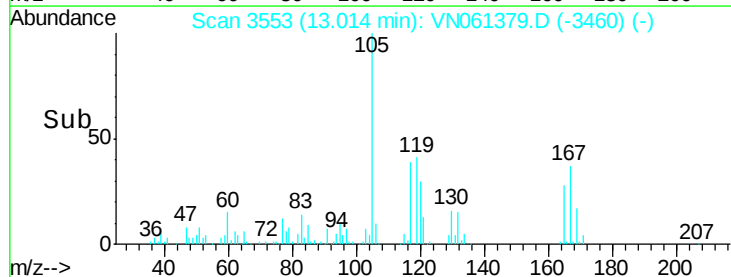
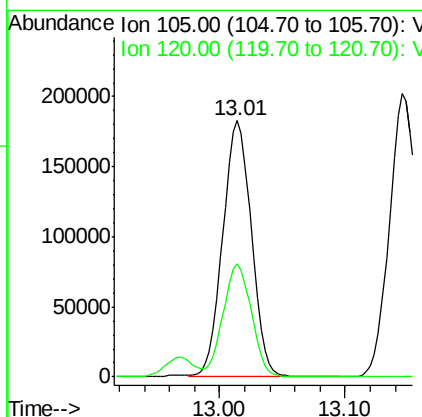
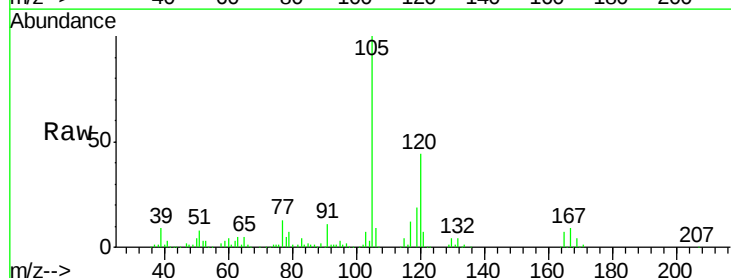
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.095 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	289555		
120	43.8	22.2	66.6	





#85

sec-Butylbenzene

Concen: 55.176 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 317798

Ion Ratio Lower Upper

105 100

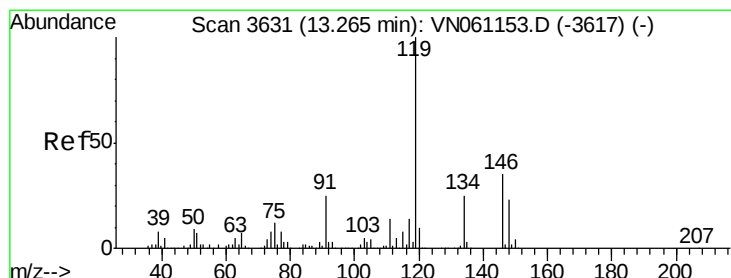
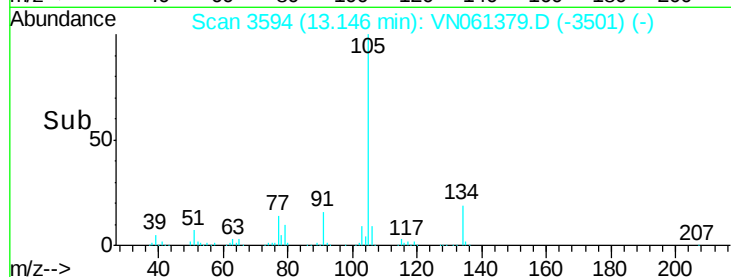
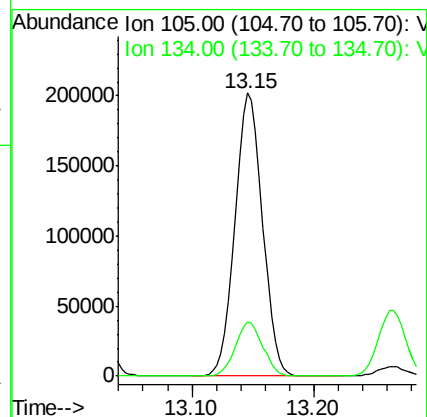
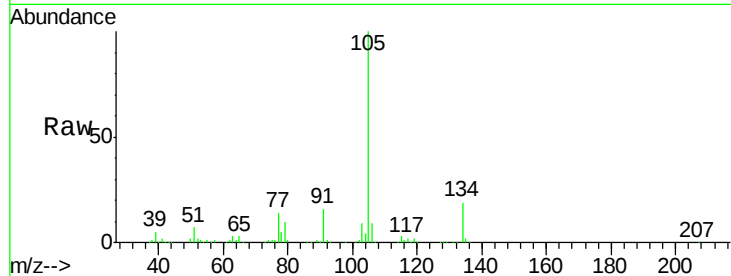
134 19.0 9.6 28.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 55.385 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

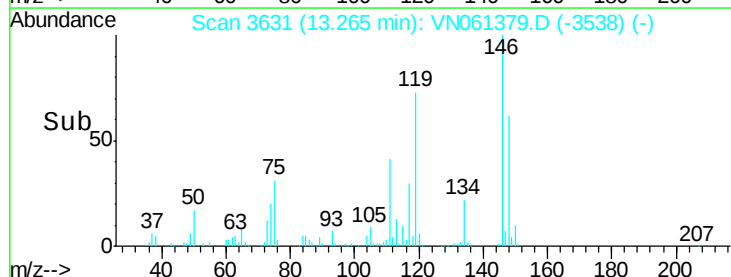
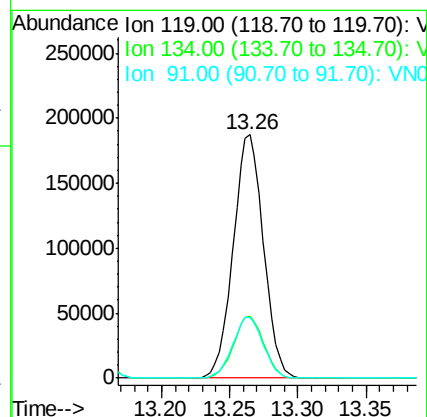
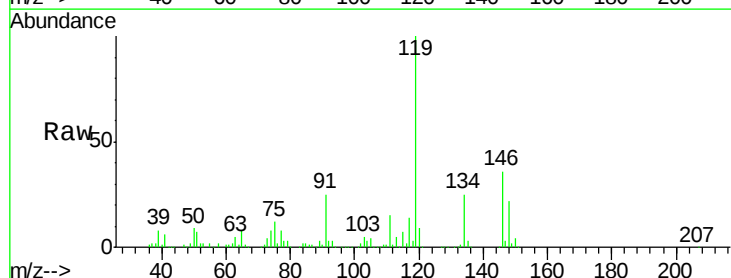
Tgt Ion:119 Resp: 287416

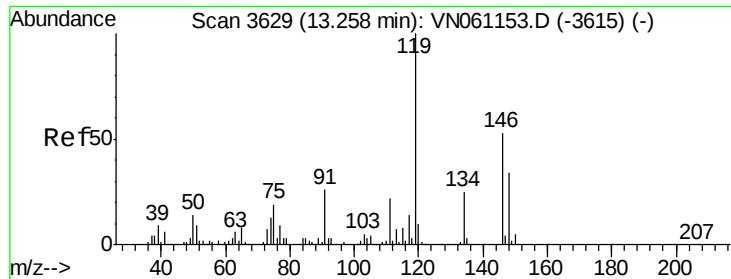
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.6

91 25.4 12.7 38.0





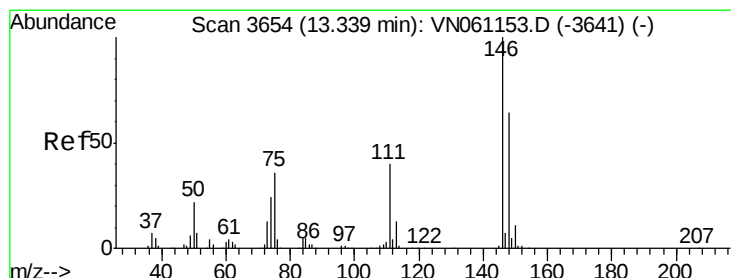
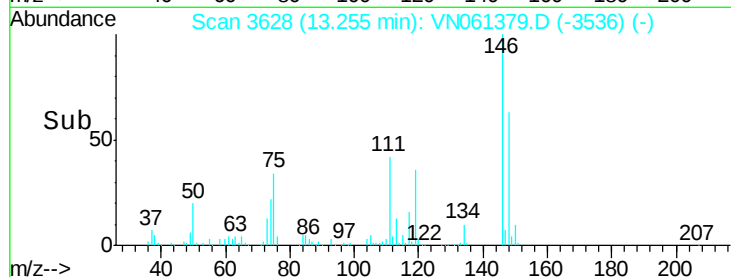
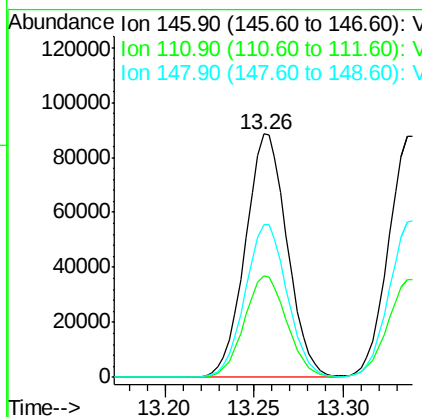
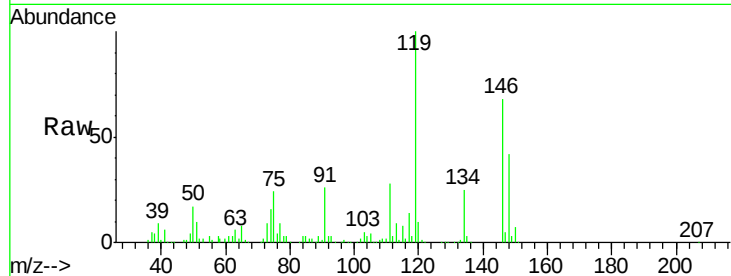
#87
 1,3-Dichlorobenzene
 Concen: 56.546 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	145464		
111	42.1	20.7	62.1	
148	63.0	31.8	95.3	

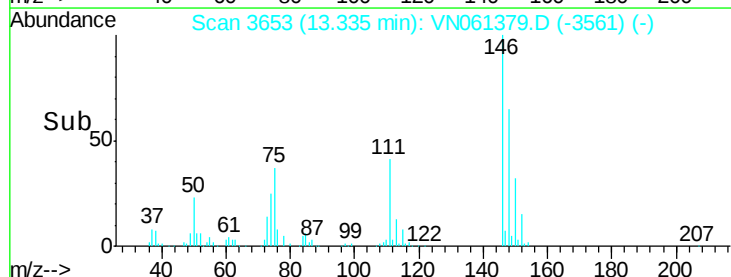
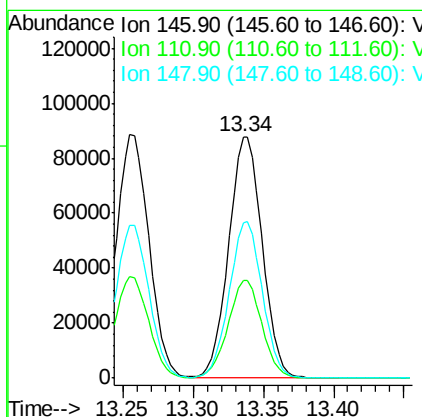
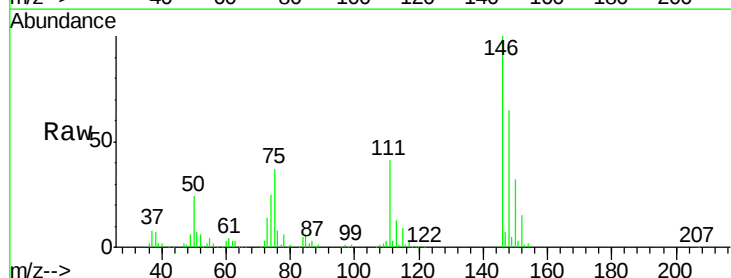
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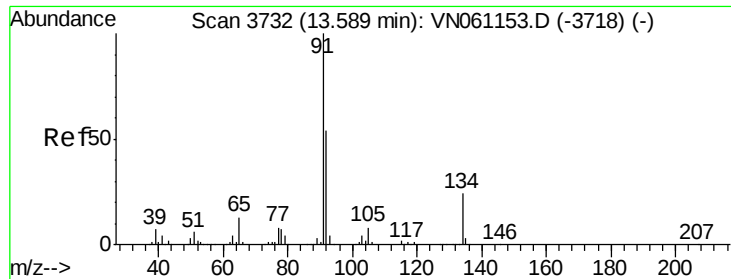
sam
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#88
 1,4-Dichlorobenzene
 Concen: 55.772 ug/l
 RT: 13.34 min Scan# 3653
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	146593		
111	40.8	20.4	61.3	
148	63.8	31.9	95.7	





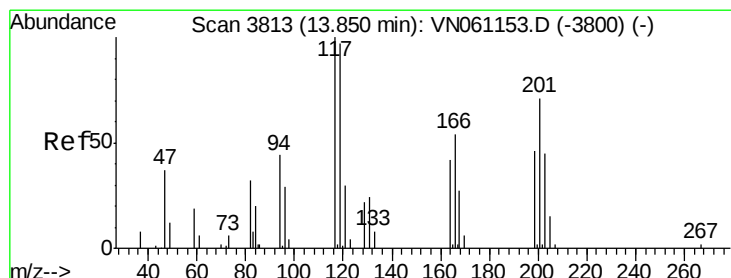
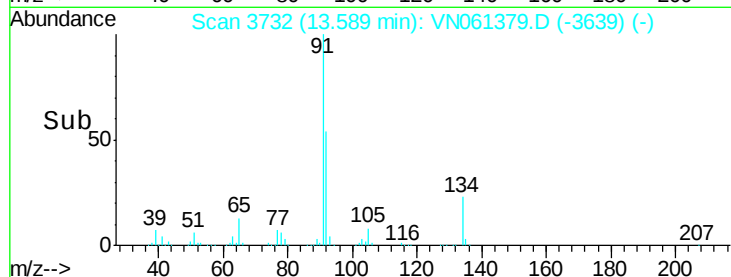
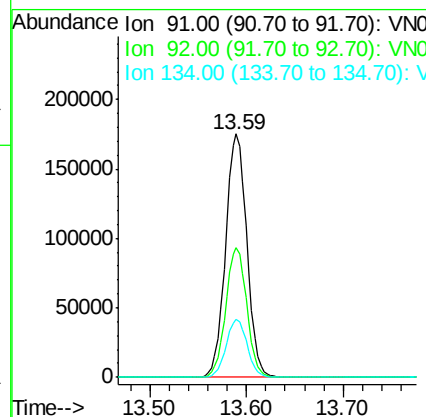
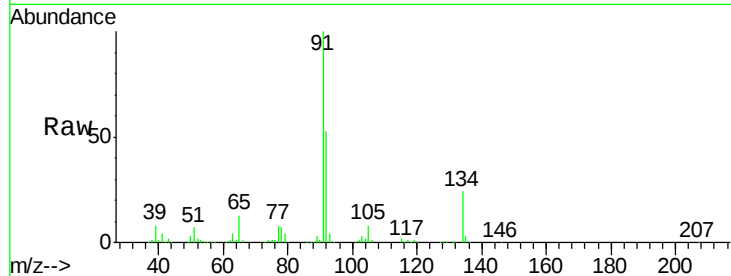
#89
n-Butylbenzene
Concen: 56.121 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	266989		
92	52.5		26.8	80.3
134	23.6		11.9	35.5

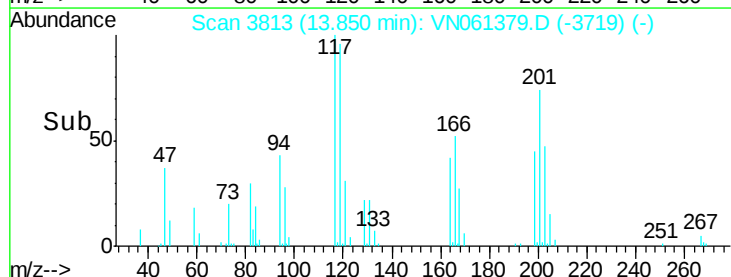
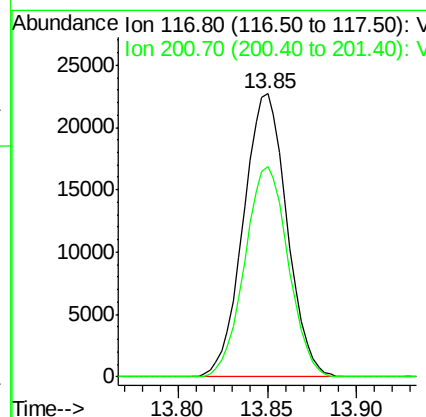
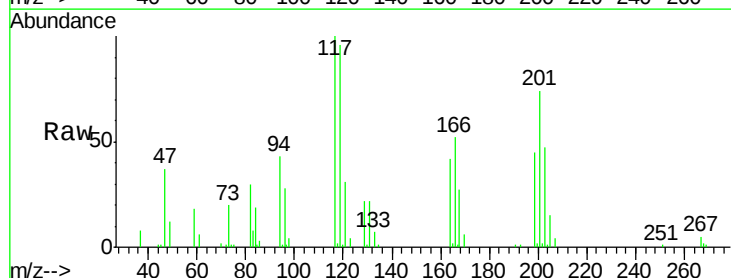
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#90
Hexachloroethane
Concen: 68.139 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38650		
201	73.9		35.5	106.7





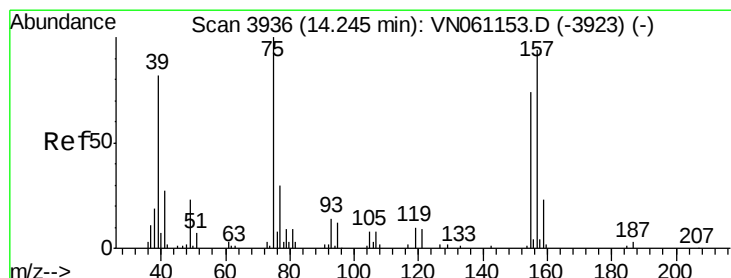
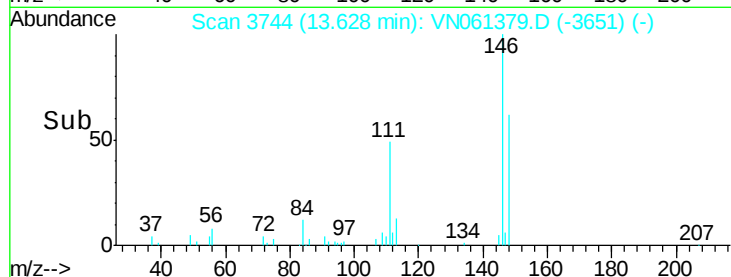
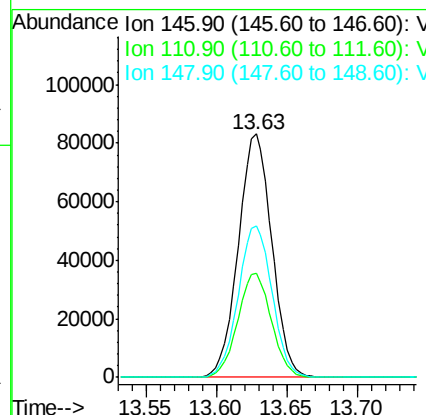
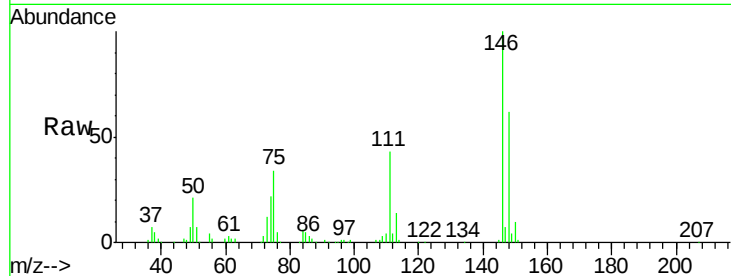
#91
 1,2-Dichlorobenzene
 Concen: 56.148 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.7	21.8	65.3	
148	62.9	31.6	95.0	

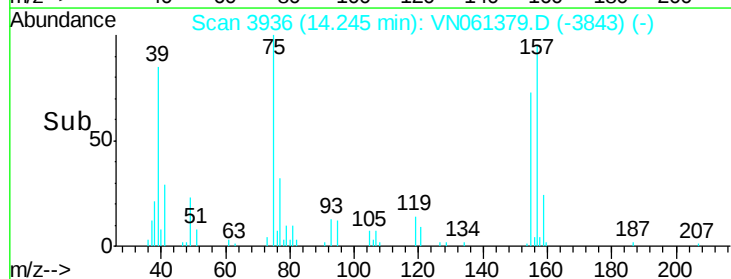
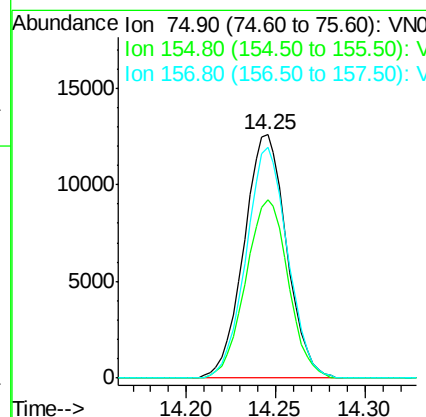
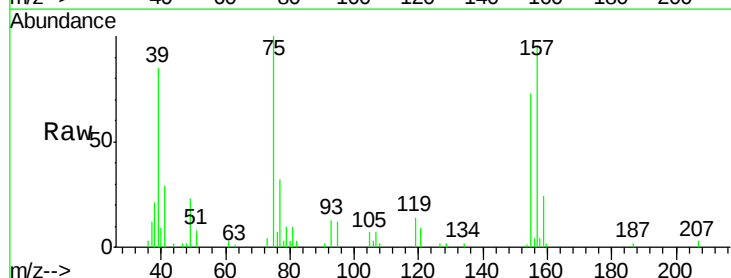
Manual Integrations
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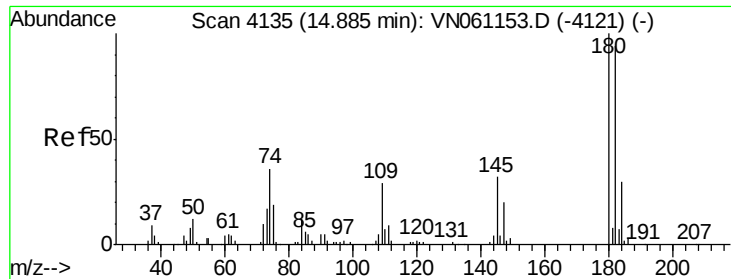
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.746 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	73.1	36.5	109.7	
157	92.2	46.6	139.7	





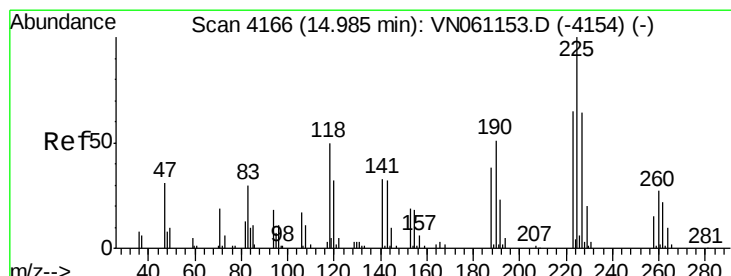
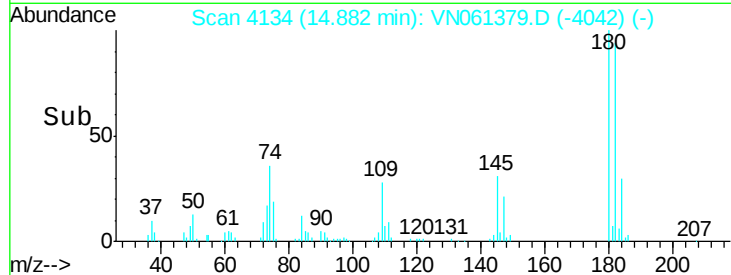
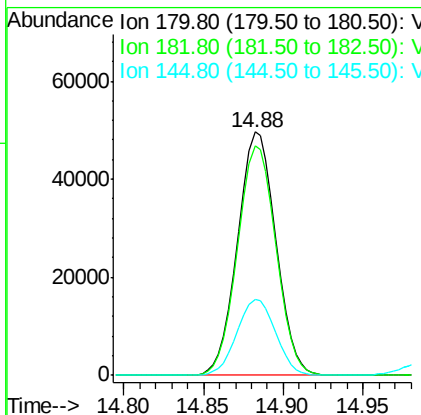
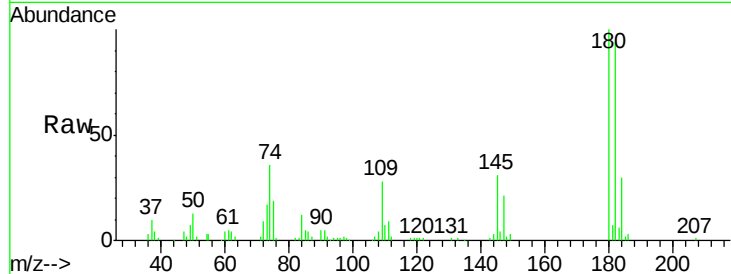
#93
 1,2,4-Trichlorobenzene
 Concen: 53.973 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	81069		
182	94.5	47.3	141.9	
145	31.4	16.0	47.9	

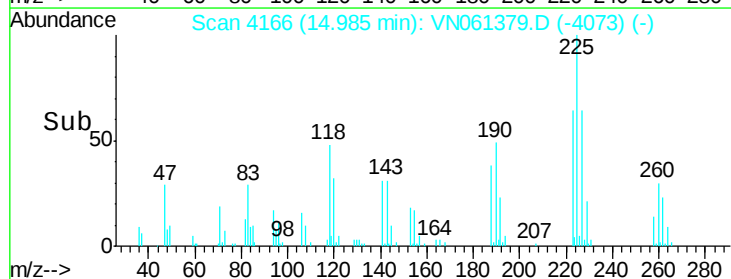
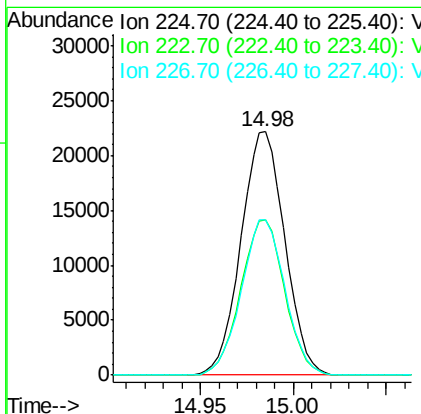
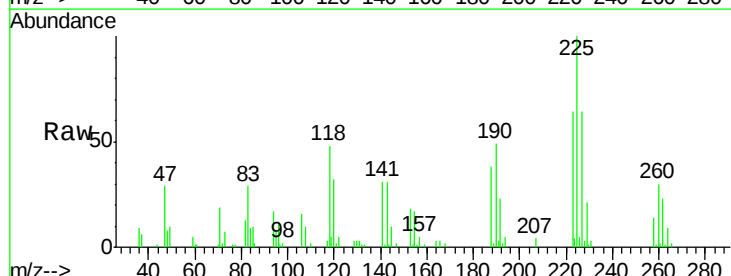
Manual Integrations
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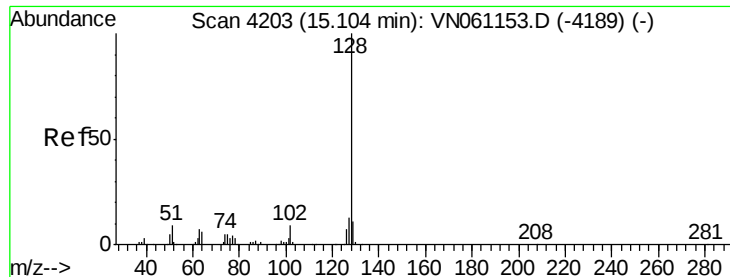
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#94
 Hexachlorobutadiene
 Concen: 58.157 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36494		
223	63.6	32.4	97.0	
227	63.7	32.4	97.0	





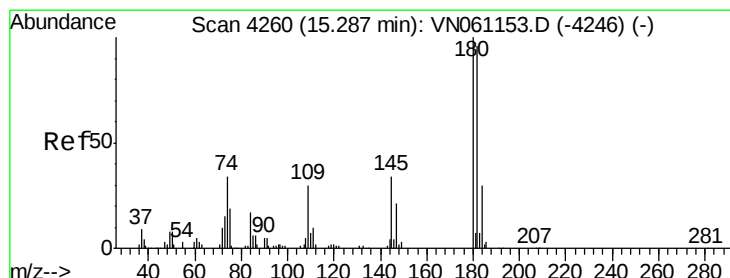
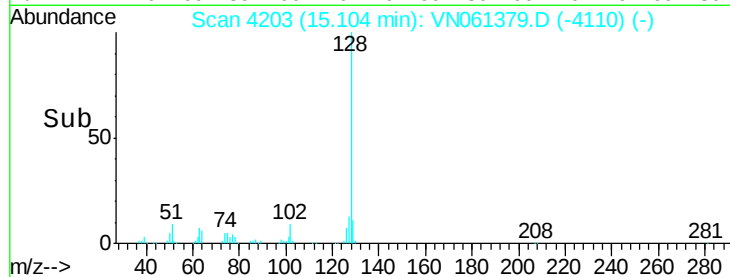
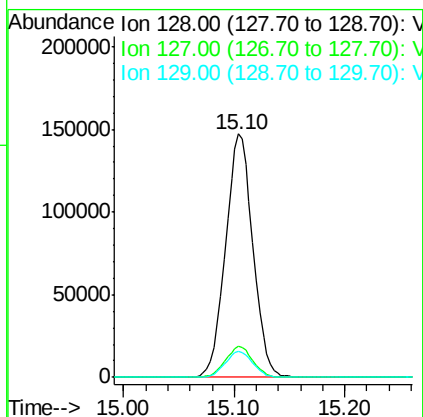
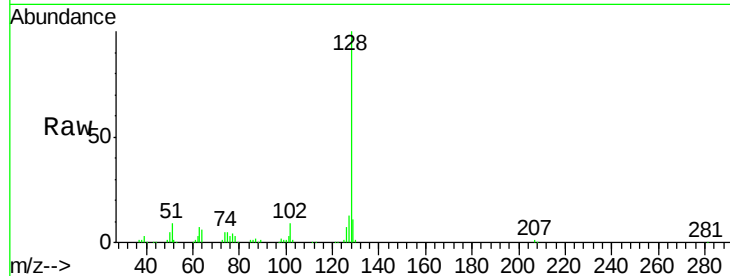
#95
Naphthalene
Concen: 51.549 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	252160		
127	12.7	10.4	15.6	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

sam
5/12/2020 3:33:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.204 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	78900		
182	95.1	47.5	142.5	
145	33.7	16.9	50.7	

