

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061627.D
 Acq On : 3 Jun 2020 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: Jun 04 07:52:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	372567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	593621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	564269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	294559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	193181	43.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.04%	
35) Dibromofluoromethane	7.54	113	143227	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	10.06	98	669556	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.38	95	245649	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	194616	45.352	ug/l	95
3) Chloromethane	2.03	50	207612	45.688	ug/l	100
4) Vinyl Chloride	2.16	62	290690	46.681	ug/l	100
5) Bromomethane	2.52	94	177657	49.719	ug/l	100
6) Chloroethane	2.67	64	183894	45.880	ug/l	99
7) Trichlorofluoromethane	2.98	101	354632	44.163	ug/l	100
8) Diethyl Ether	3.37	74	109795	44.715	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	172974	48.542	ug/l	100
10) Methyl Iodide	3.91	142	228445	46.182	ug/l	99
11) Tert butyl alcohol	4.73	59	147355	249.574	ug/l	98
12) 1,1-Dichloroethene	3.69	96	171755	45.116	ug/l	97
13) Acrolein	3.56	56	45458	267.983	ug/l	99
14) Allyl chloride	4.27	41	220052	44.213	ug/l	97
15) Acrylonitrile	4.93	53	372180	225.838	ug/l	99
16) Acetone	3.77	43	309388	252.975	ug/l	98
17) Carbon Disulfide	4.00	76	354831	42.364	ug/l	99
18) Methyl Acetate	4.27	43	174924	43.531	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	593673	45.756	ug/l	97
20) Methylene Chloride	4.50	84	197735	48.974	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	197050	45.897	ug/l	95
22) Diisopropyl ether	5.90	45	501192	45.689	ug/l	99
23) Vinyl Acetate	5.84	43	1871855	214.097	ug/l	98
24) 1,1-Dichloroethane	5.79	63	323230	46.468	ug/l	98
25) 2-Butanone	6.78	43	468319	222.614	ug/l	99
26) 2,2-Dichloropropane	6.77	77	305639	48.007	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	233328	47.995	ug/l	99
28) Bromochloromethane	7.15	49	122464	46.808	ug/l	92
29) Tetrahydrofuran	7.16	42	298630	215.271	ug/l	97
30) Chloroform	7.33	83	367818	47.796	ug/l	98
31) Cyclohexane	7.61	56	277864	44.416	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	332302	47.389	ug/l	99
36) 1,1-Dichloropropene	7.75	75	264379	50.309	ug/l	99
37) Ethyl Acetate	6.88	43	199062	47.031	ug/l	98
38) Carbon Tetrachloride	7.73	117	275465	54.344	ug/l	100

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Quant Time: Jun 04 07:52:52 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	316952	48.933	ug/l	96
40) Benzene	8.00	78	812752	50.125	ug/l	99
41) Methacrylonitrile	7.12	41	86720	44.719	ug/l	96
42) 1,2-Dichloroethane	8.08	62	263480	48.538	ug/l	99
43) Isopropyl Acetate	8.12	43	348472	45.762	ug/l	98
44) Trichloroethene	8.80	130	261538	52.485	ug/l	95
45) 1,2-Dichloropropane	9.08	63	192242	49.931	ug/l	97
46) Dibromomethane	9.17	93	146400	49.579	ug/l	98
47) Bromodichloromethane	9.37	83	297978	50.934	ug/l	99
48) Methyl methacrylate	9.17	41	151229	44.141	ug/l	97
49) 1,4-Dioxane	9.16	88	64859	1222.002	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1006447	234.536	ug/l	99
52) Toluene	10.12	92	552408	52.198	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	317795	50.425	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	342321	50.516	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	211983	50.277	ug/l	98
56) Ethyl methacrylate	10.40	69	297673	50.541	ug/l	98
57) 1,3-Dichloropropane	10.68	76	340454	50.487	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	640732	254.566	ug/l	98
59) 2-Hexanone	10.72	43	728836	236.493	ug/l	99
60) Dibromochloromethane	10.87	129	254687	53.134	ug/l	99
61) 1,2-Dibromoethane	10.98	107	228996	52.076	ug/l	100
64) Tetrachloroethene	10.60	164	291223	54.828	ug/l	99
65) Chlorobenzene	11.41	112	611449	52.131	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	229949	52.652	ug/l	99
67) Ethyl Benzene	11.48	91	1055770	52.079	ug/l	99
68) m/p-Xylenes	11.59	106	839443	104.433	ug/l	99
69) o-Xylene	11.92	106	404737	53.013	ug/l	98
70) Styrene	11.94	104	680003	53.784	ug/l	99
71) Bromoform	12.10	173	180082	53.512	ug/l #	99
73) Isopropylbenzene	12.22	105	1063286	49.458	ug/l	100
74) N-amyl acetate	12.04	43	304169	44.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	265226	44.023	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	232680m	43.441	ug/l	
77) Bromobenzene	12.50	156	280069	51.035	ug/l	96
78) n-propylbenzene	12.56	91	1184212	49.340	ug/l	99
79) 2-Chlorotoluene	12.65	91	696000	48.633	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	898509	50.003	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	97393	46.499	ug/l	100
82) 4-Chlorotoluene	12.75	91	731720	48.601	ug/l	99
83) tert-Butylbenzene	12.97	119	768320	48.393	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	891535	49.943	ug/l	98
85) sec-Butylbenzene	13.15	105	991736	48.476	ug/l	99
86) p-Isopropyltoluene	13.26	119	935177	49.637	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	496996	51.143	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	504356	50.946	ug/l	99
89) n-Butylbenzene	13.59	91	767861	48.659	ug/l	100
90) Hexachloroethane	13.85	117	111484	53.506	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	475942	51.249	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	50611	41.191	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	284452	52.373	ug/l	99
94) Hexachlorobutadiene	14.99	225	111658	48.203	ug/l	99
95) Naphthalene	15.10	128	799404	48.356	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	269872	50.537	ug/l	100

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

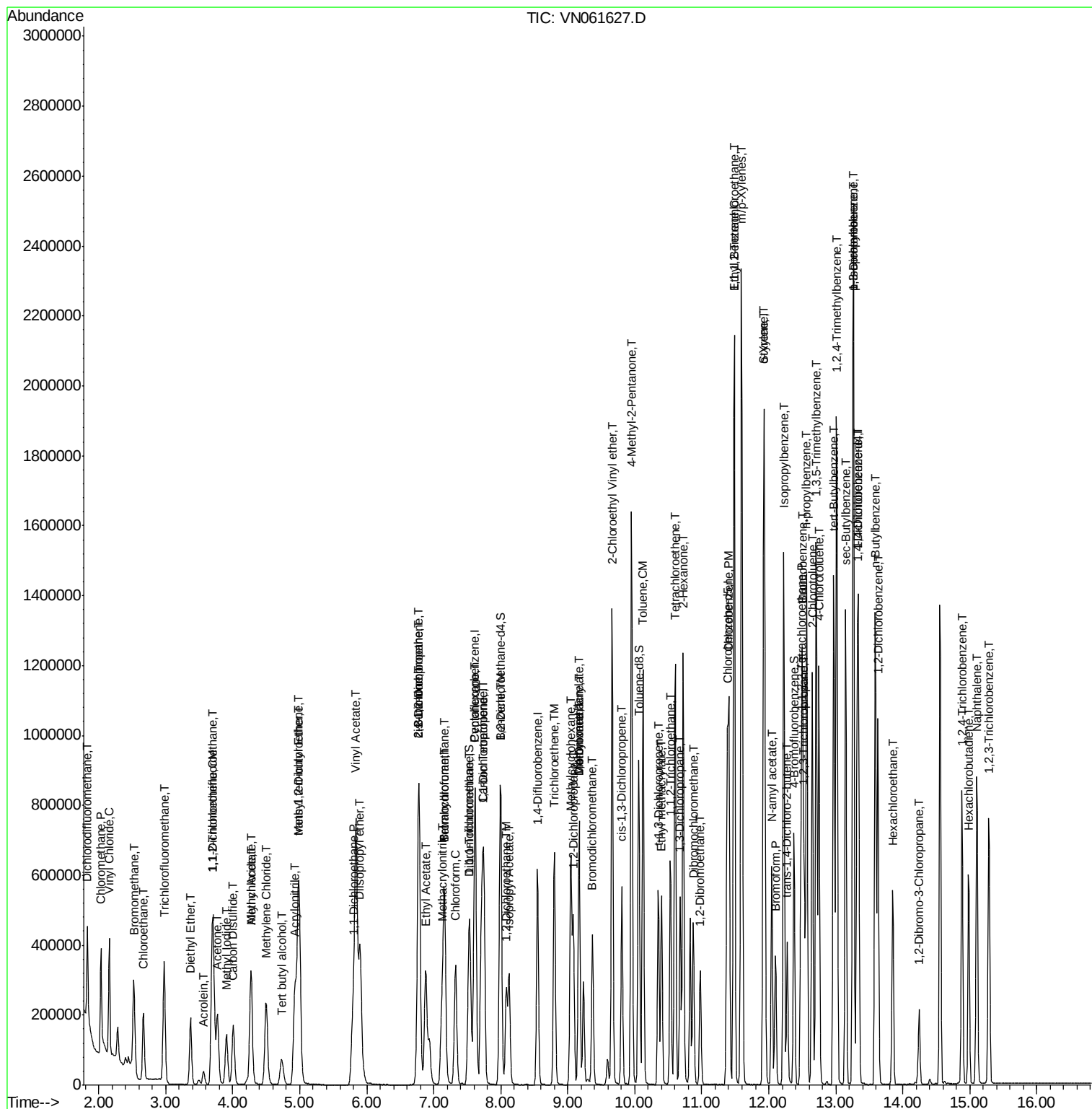
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Data File : VN061627.D
Acq On : 3 Jun 2020 10:21
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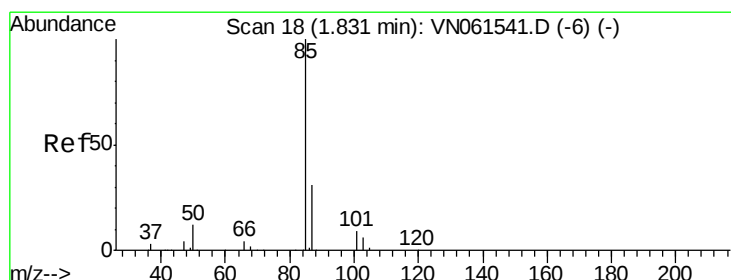
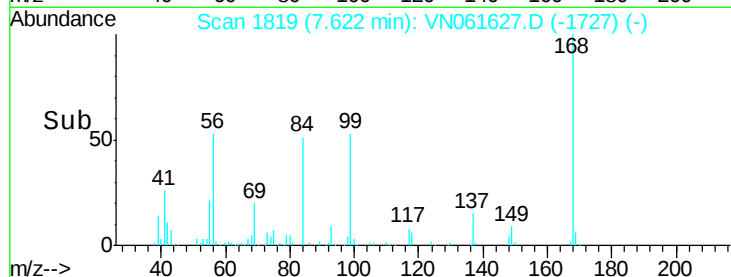
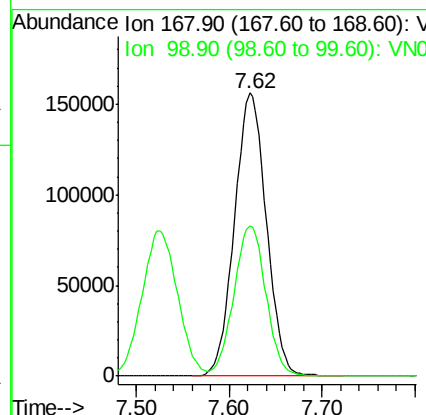
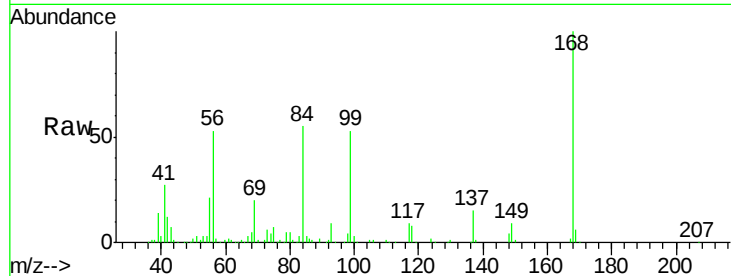
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 372567
Ion Ratio Lower Upper
168 100
99 52.7 45.0 67.4

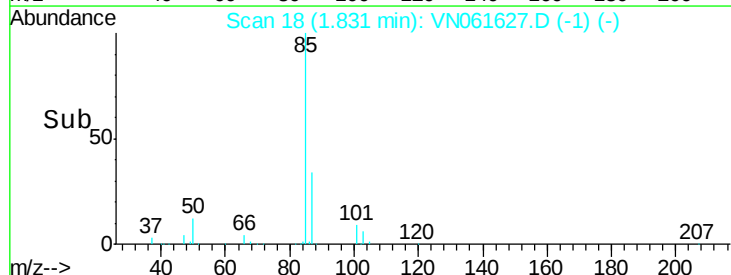
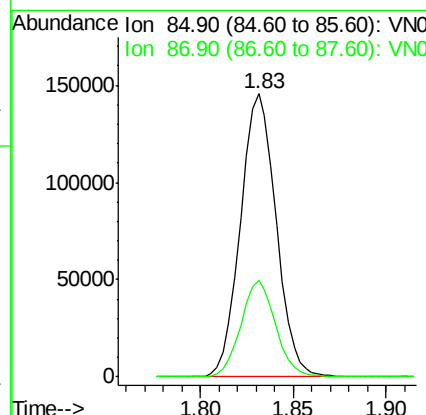
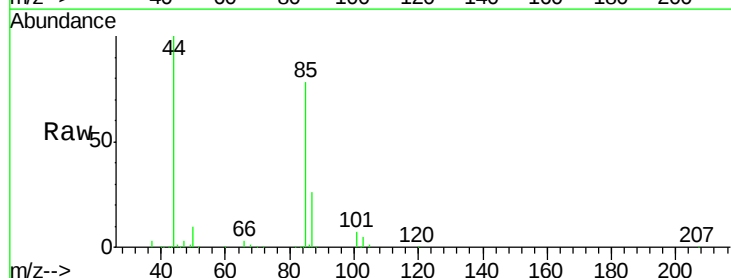
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 45.352 ug/l
RT: 1.83 min Scan# 18
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion: 85 Resp: 194616
Ion Ratio Lower Upper
85 100
87 33.9 15.6 46.8





#3

Chloromethane

Concen: 45.688 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 207612

Ion Ratio Lower Upper

50 100

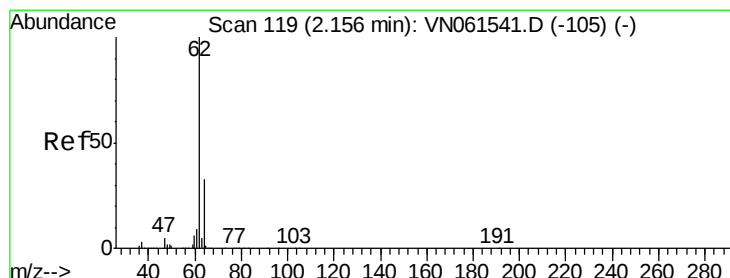
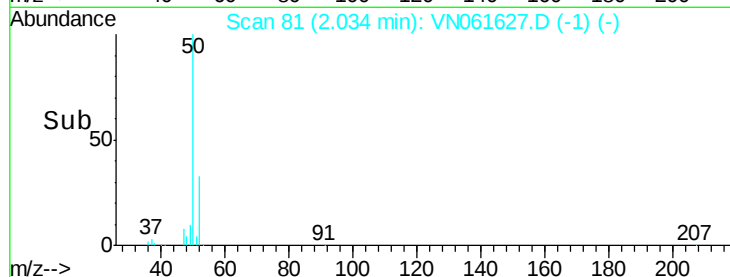
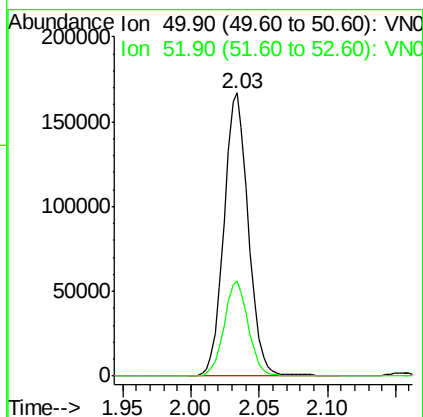
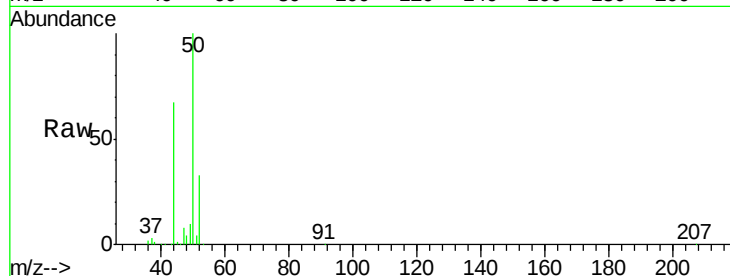
52 33.5 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.681 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061627.D

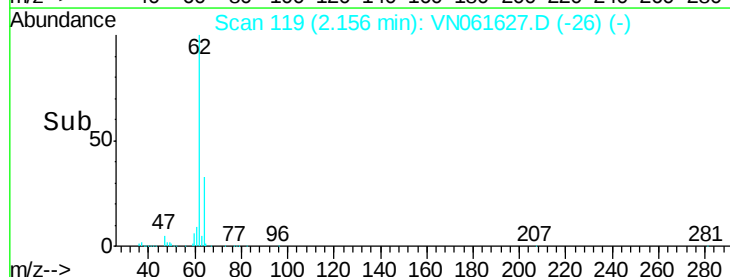
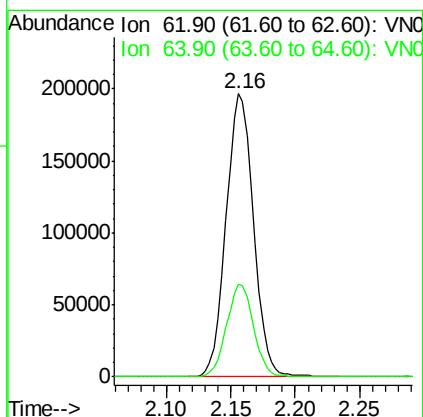
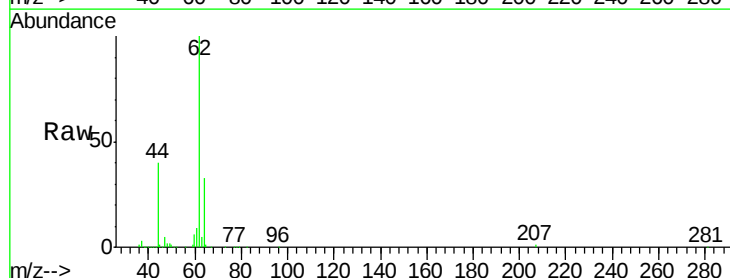
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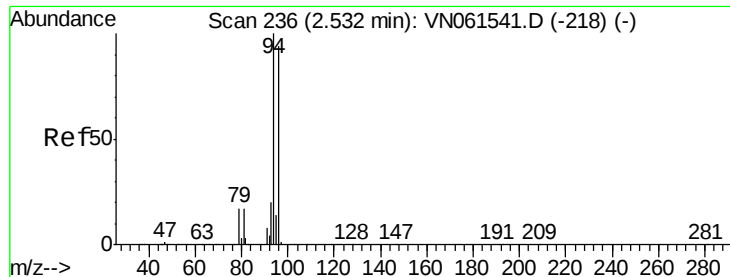
Tgt Ion: 62 Resp: 290690

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.2





#5

Bromomethane

Concen: 49.719 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.01 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

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Tot Ion: 94 Resp: 177657

Ion Ratio Lower Upper

94 100

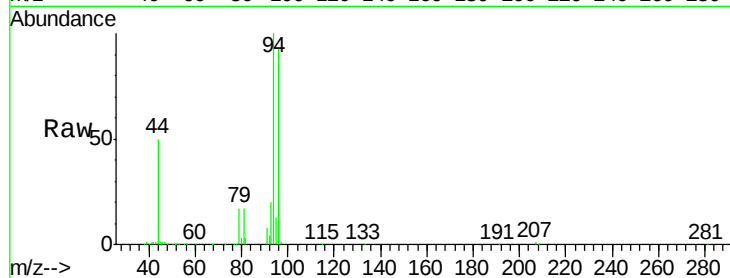
96 93.3 74.8 112.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

80000

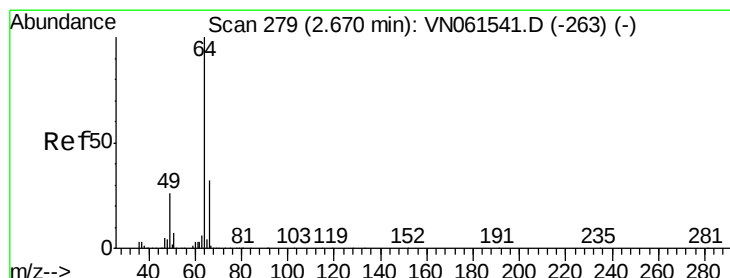
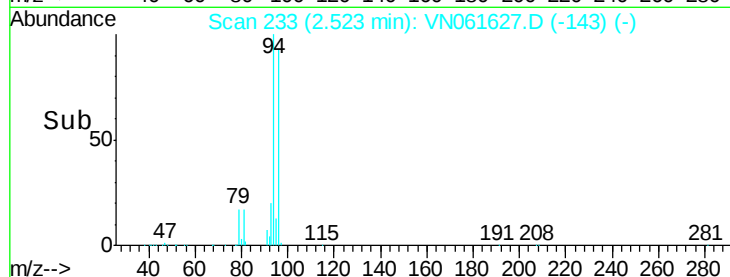
60000

40000

20000

0

Time--> 2.40 2.50 2.60



#6

Chloroethane

Concen: 45.880 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061627.D

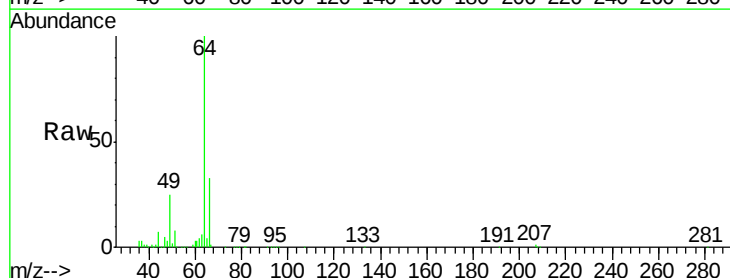
Acq: 3 Jun 2020 10:21

Tgt Ion: 64 Resp: 183894

Ion Ratio Lower Upper

64 100

66 32.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

100000

80000

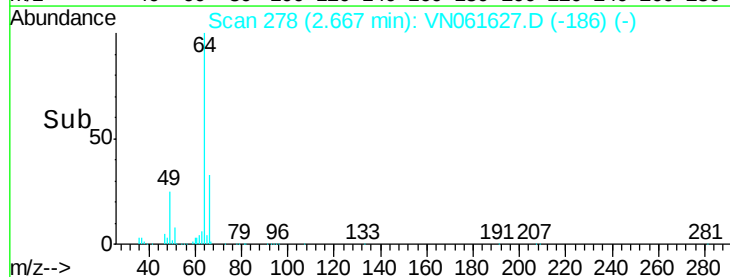
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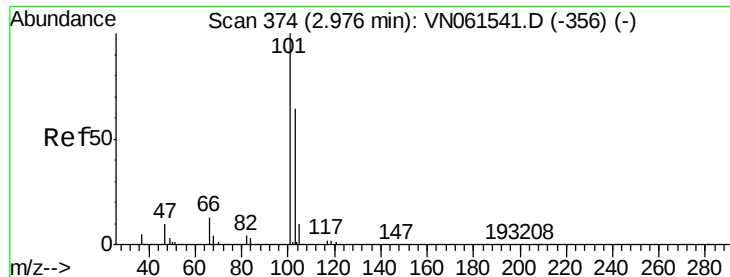
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20000

0

Time--> 2.60 2.65 2.70 2.75





#7

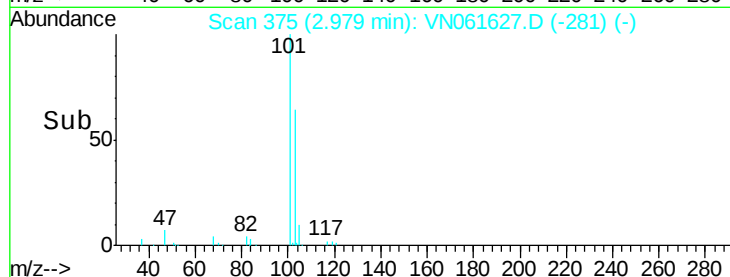
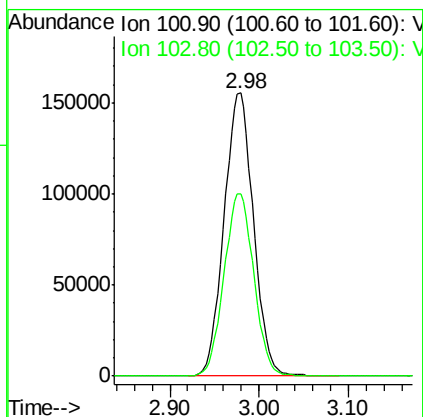
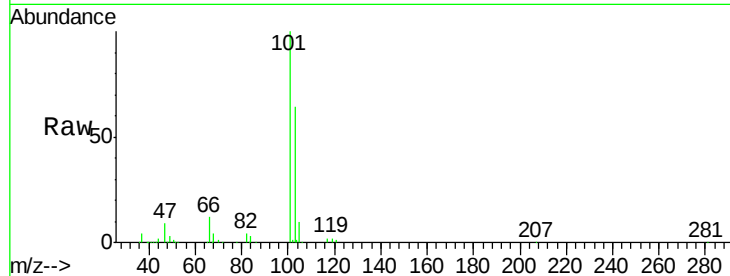
Trichlorofluoromethane
 Concen: 44.163 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.4	77.2

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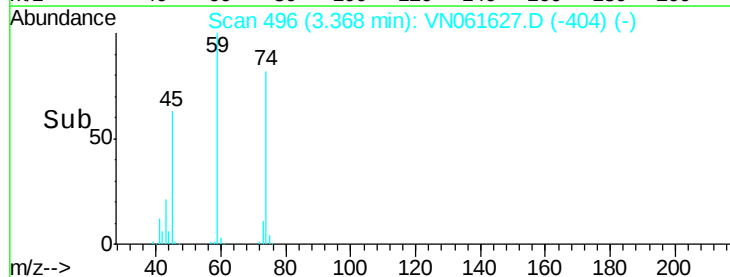
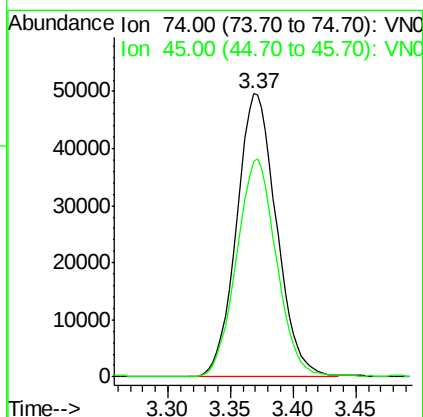
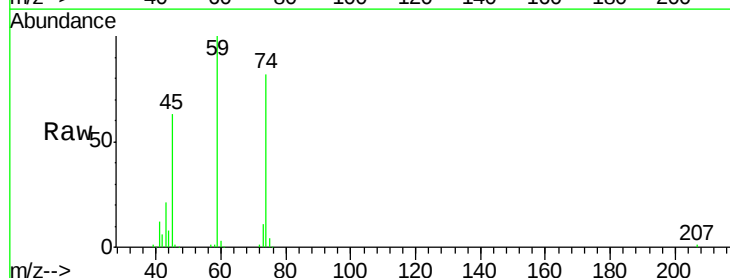
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#8

Diethyl Ether
 Concen: 44.715 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	77.2	39.9	119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.542 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

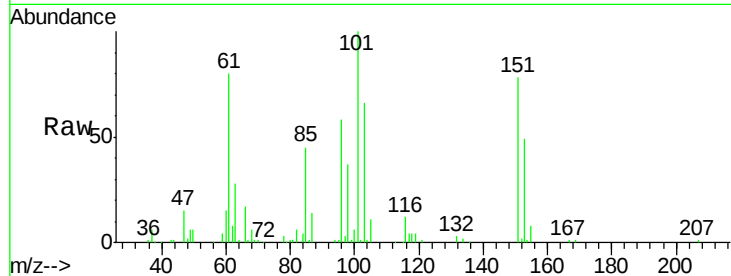
ClientSampleId :

VSTDCCC050

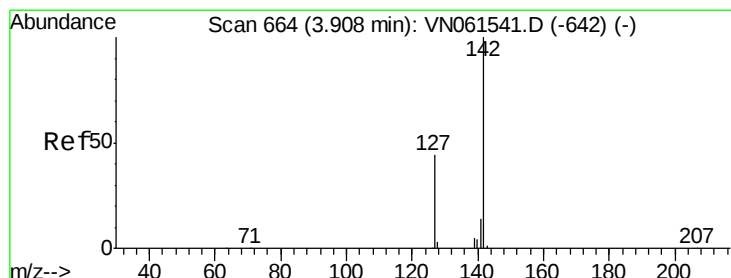
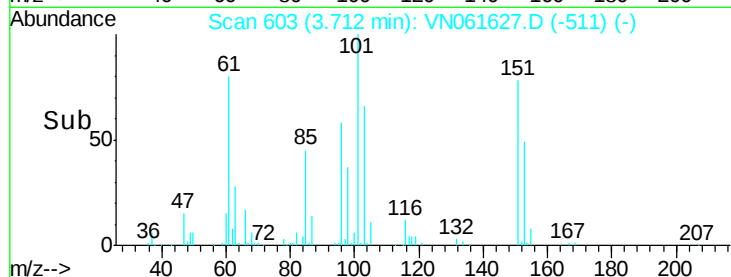
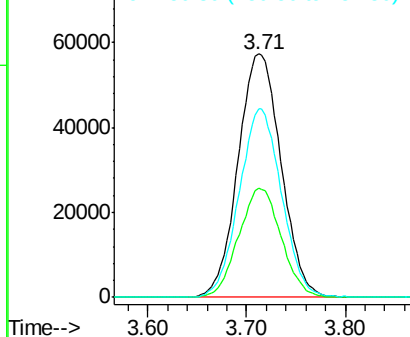
Tot Ion:	101	Resp:	172974
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.2	52.8
151	76.3	61.0	91.6

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.182 ug/l

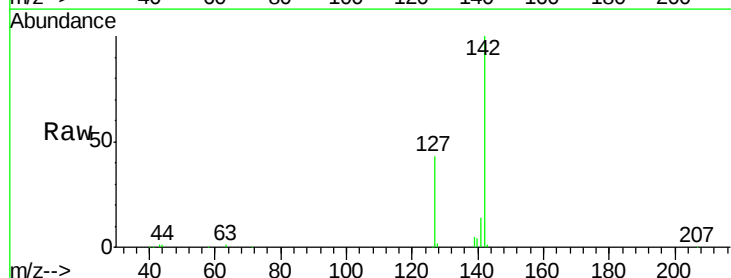
RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

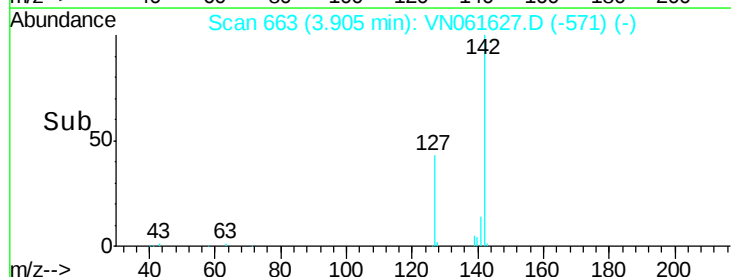
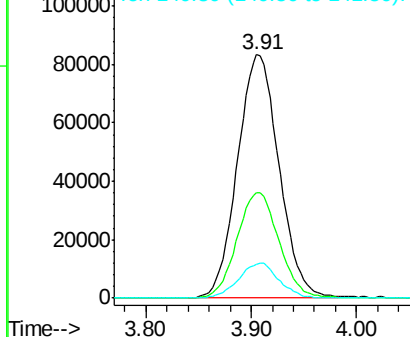
Lab File: VN061627.D

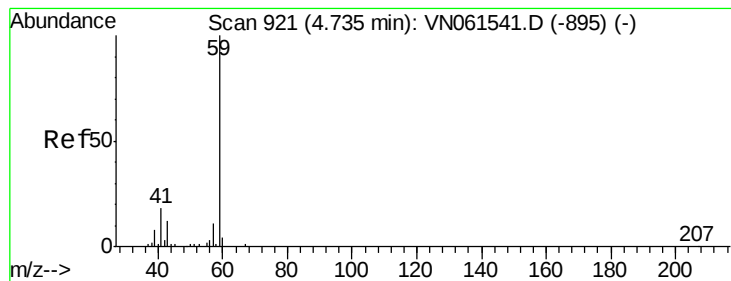
Acq: 3 Jun 2020 10:21

Tgt Ion:	142	Resp:	228445
Ion Ratio	Lower	Upper	
142	100		
127	43.9	35.5	53.3
141	13.9	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

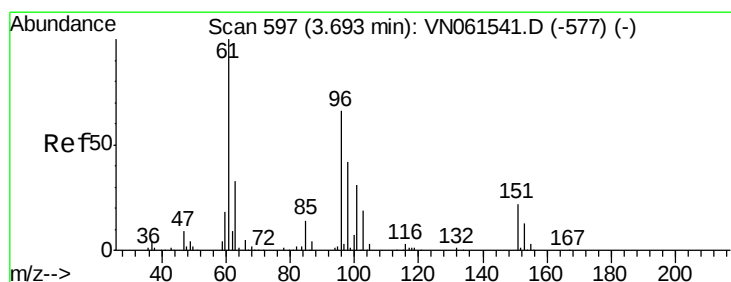
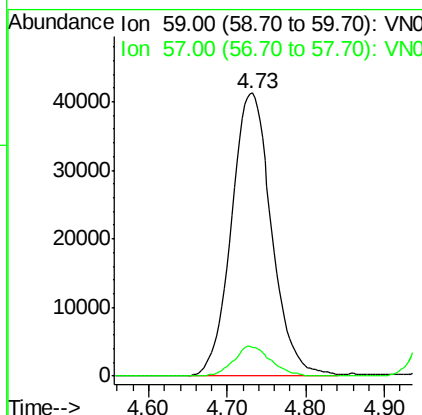
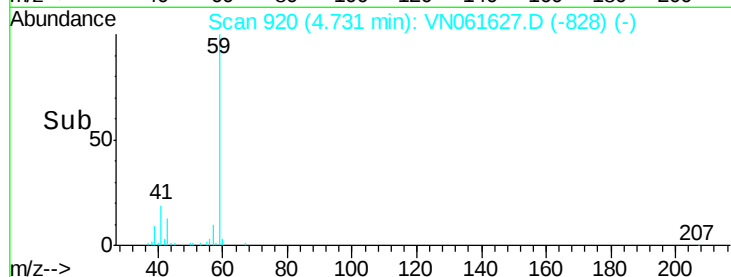
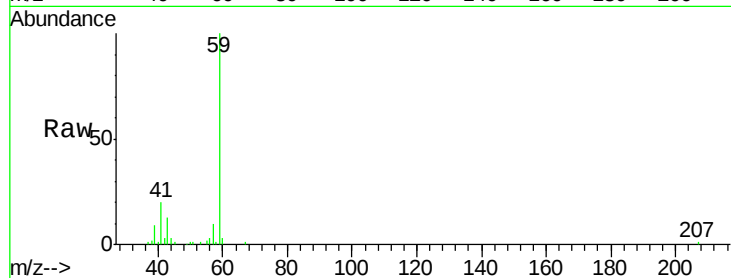
Tert butyl alcohol
Concen: 249.574 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	147355		
57	9.8		8.4	12.6

Manual Integrations
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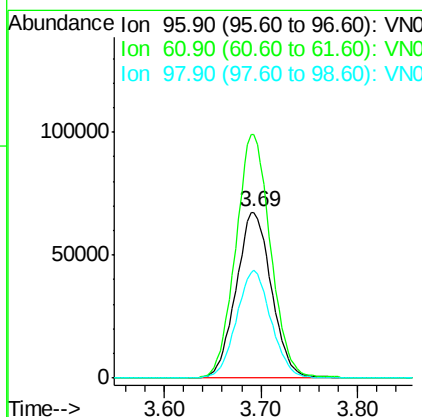
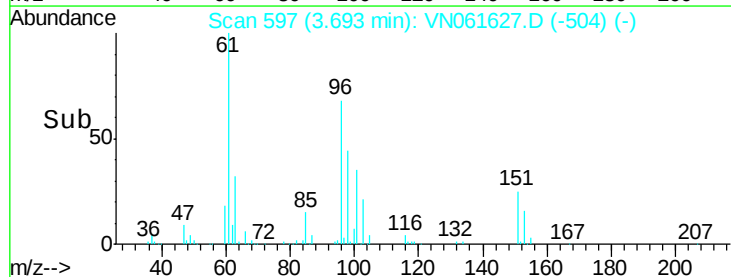
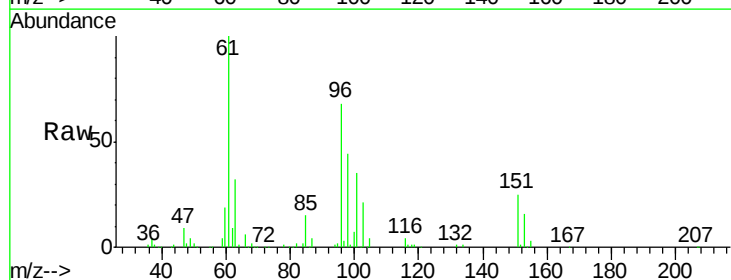
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#12

1,1-Dichloroethene
Concen: 45.116 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	171755		
61	146.6		120.5	180.7
98	65.0		50.8	76.2





#13

Acrolein

Concen: 267.983 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 45458

Ion Ratio Lower Upper

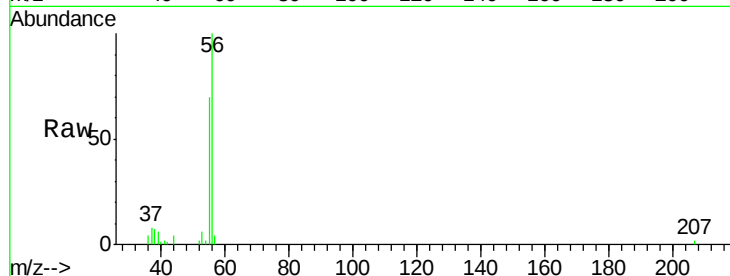
56 100

55 71.5 58.0 87.0

Manual Integrations
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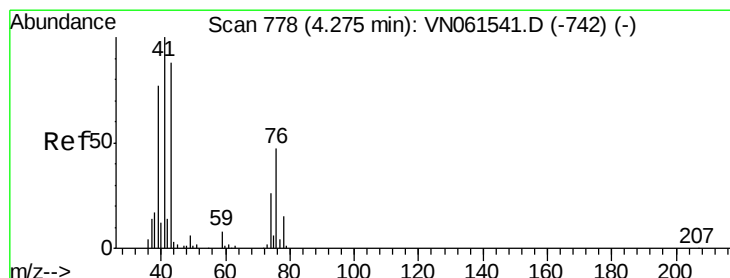
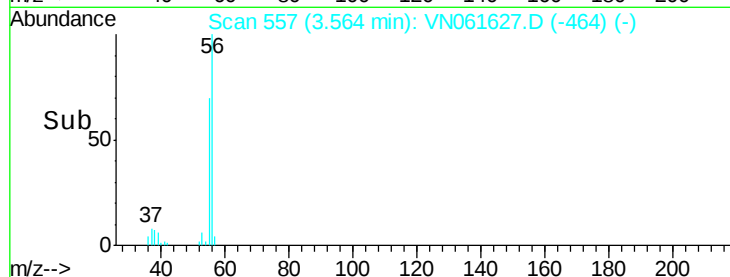
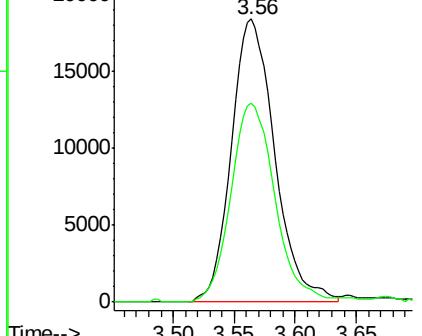
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 44.213 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

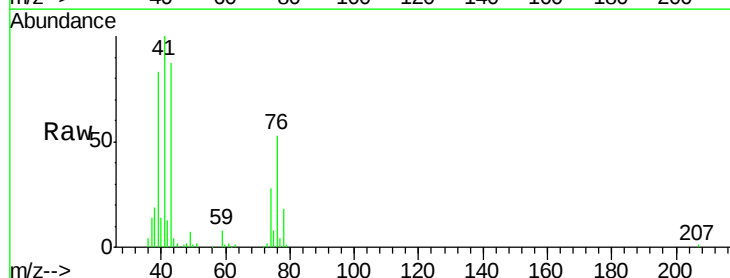
Tgt Ion: 41 Resp: 220052

Ion Ratio Lower Upper

41 100

39 74.9 58.6 88.0

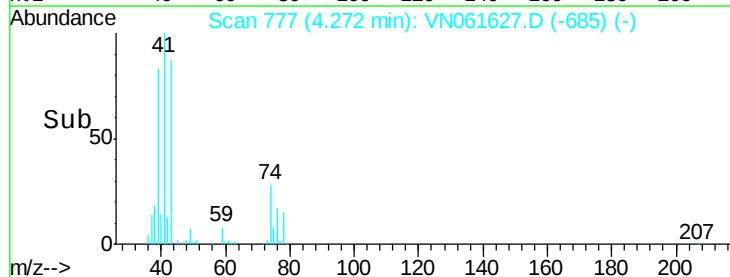
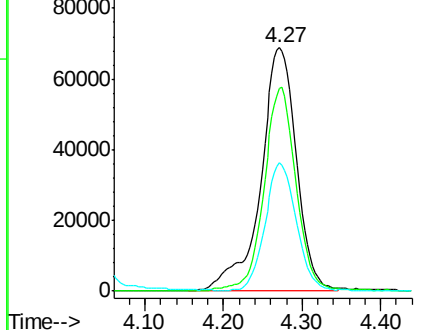
76 45.1 34.2 51.4

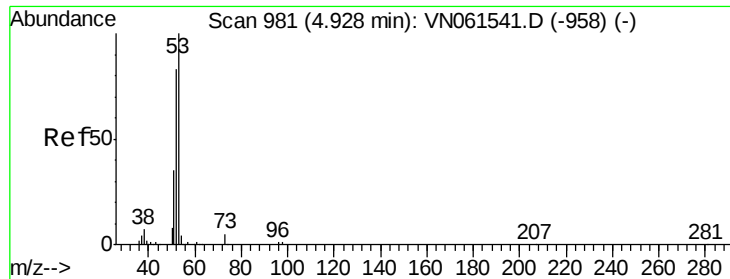


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 225.838 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

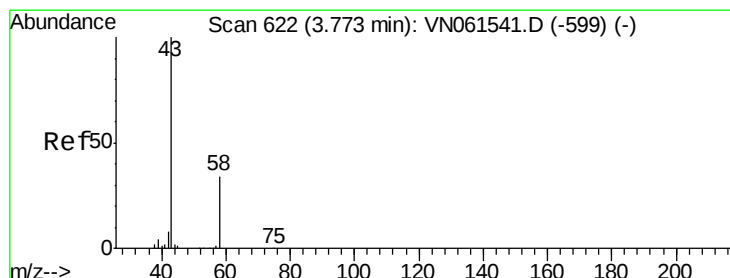
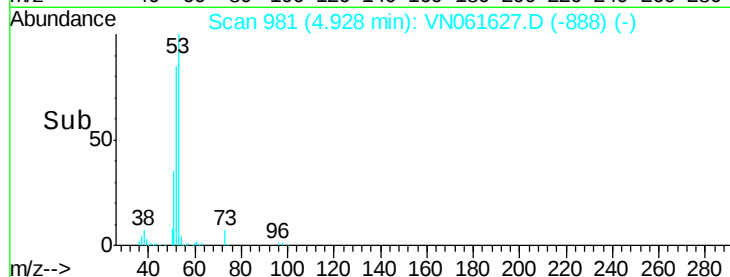
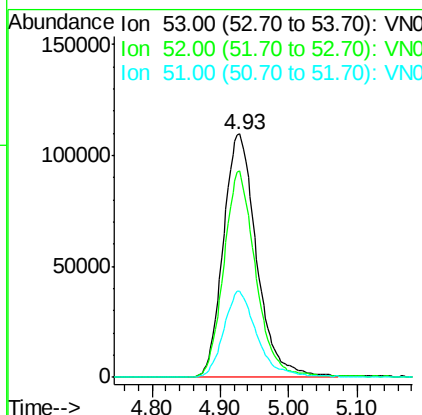
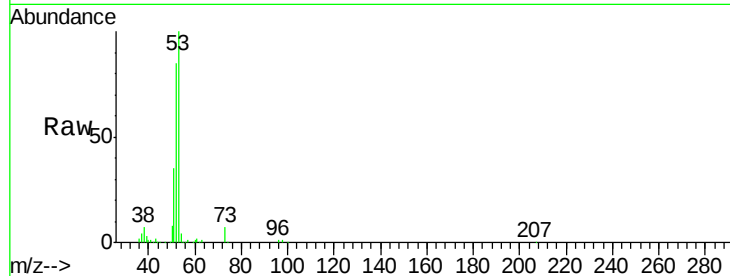
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	372180
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.4	98.2
51	35.6	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 252.975 ug/l

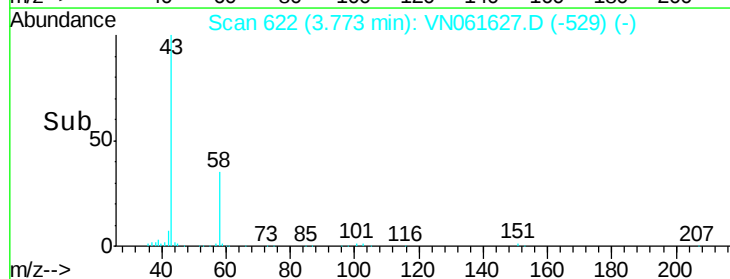
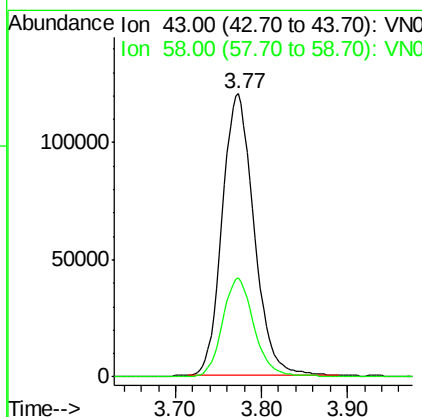
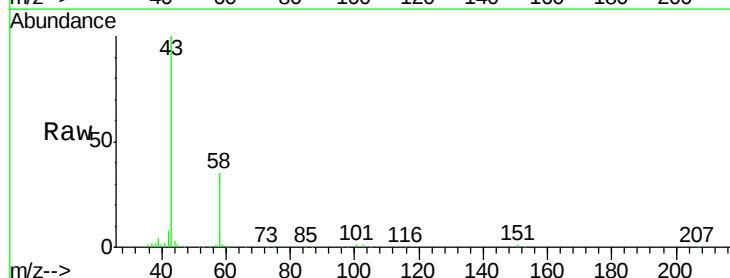
RT: 3.77 min Scan# 622

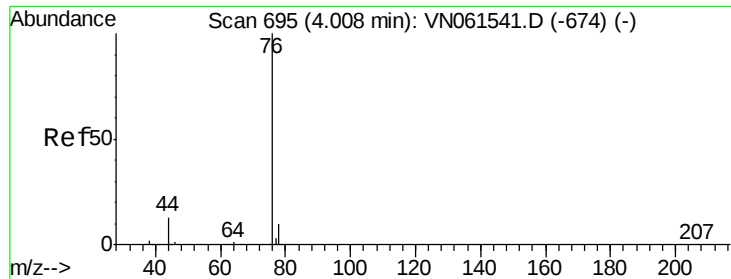
Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Tgt Ion:	43	Resp:	309388
Ion	Ratio	Lower	Upper
43	100		
58	35.0	27.2	40.8





#17

Carbon Disulfide

Concen: 42.364 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 354831

Ion Ratio Lower Upper

76 100

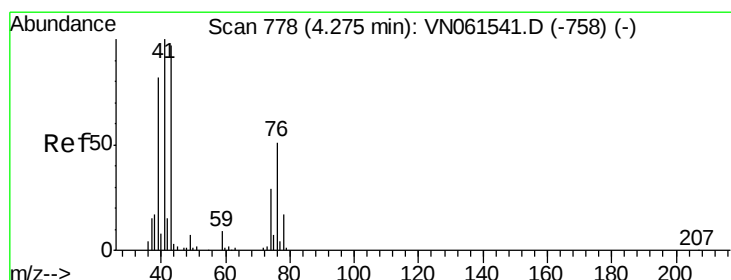
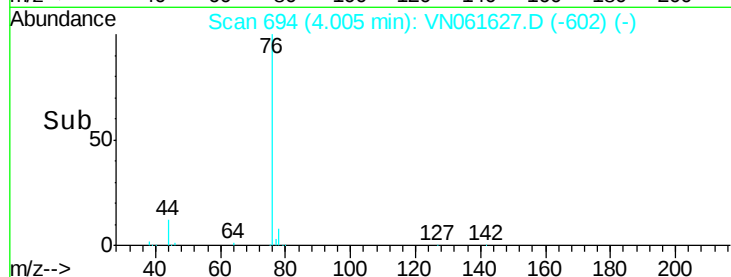
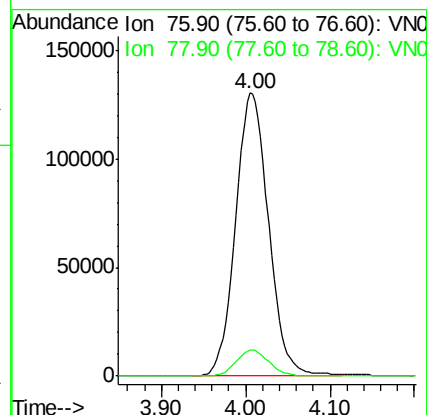
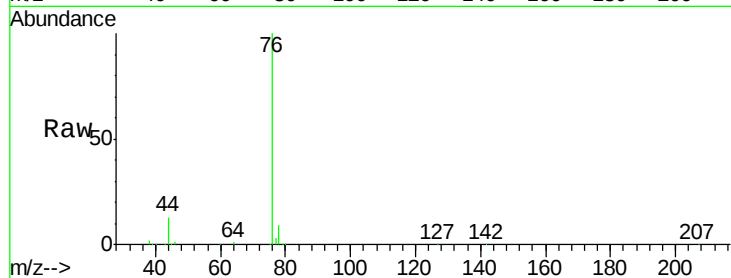
78 9.4 7.8 11.6

Manual Integrations

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#18

Methyl Acetate

Concen: 43.531 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061627.D

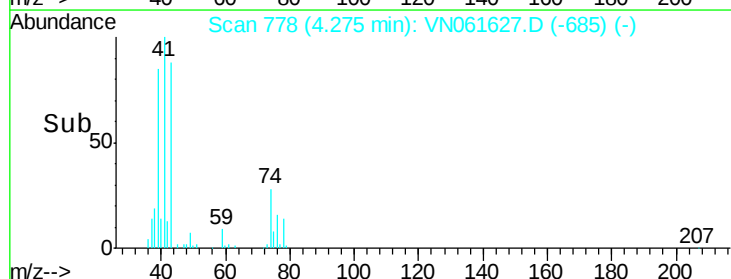
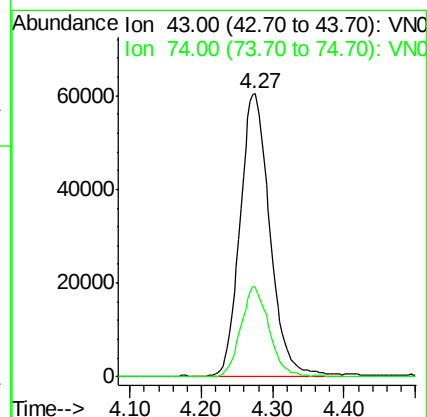
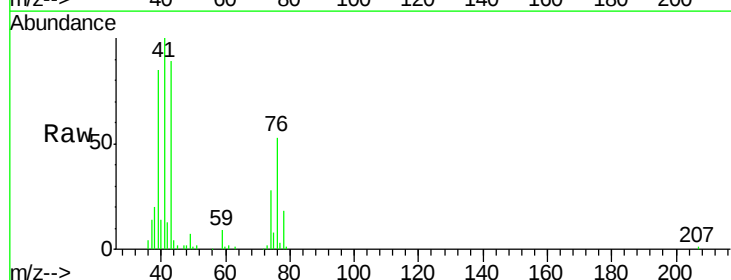
Acq: 3 Jun 2020 10:21

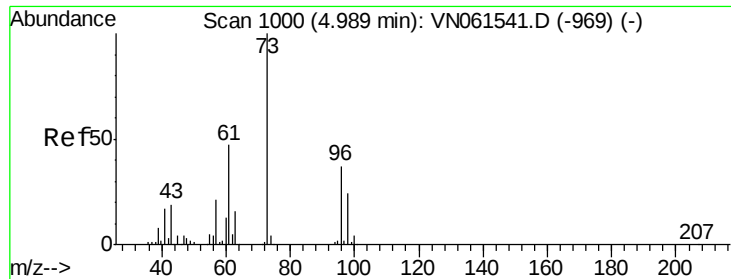
Tgt Ion: 43 Resp: 174924

Ion Ratio Lower Upper

43 100

74 30.4 23.2 34.8





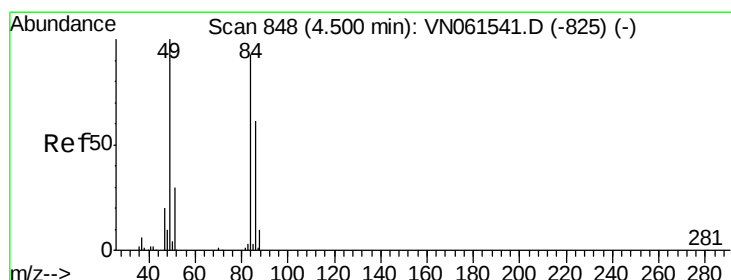
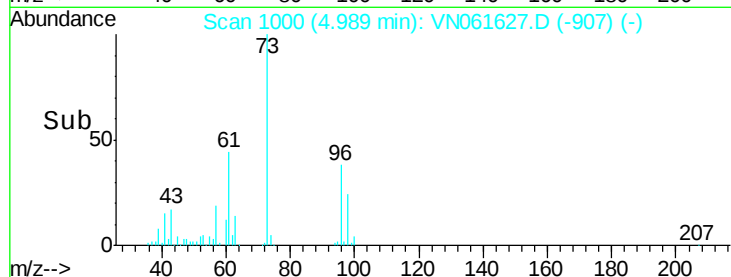
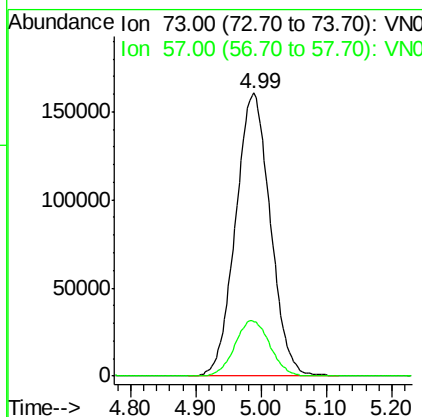
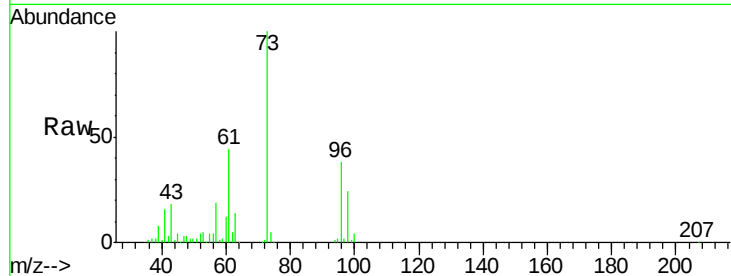
#19
Methvl tert-butvl Ether
Concen: 45.756 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.2	16.4	24.6

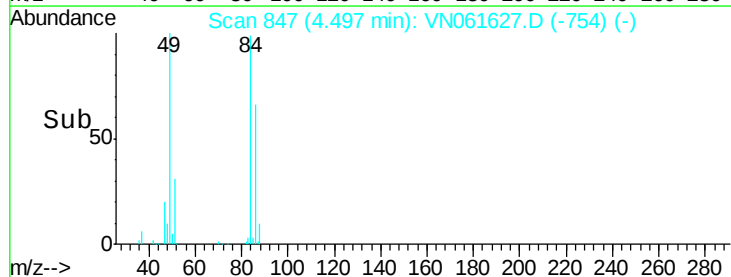
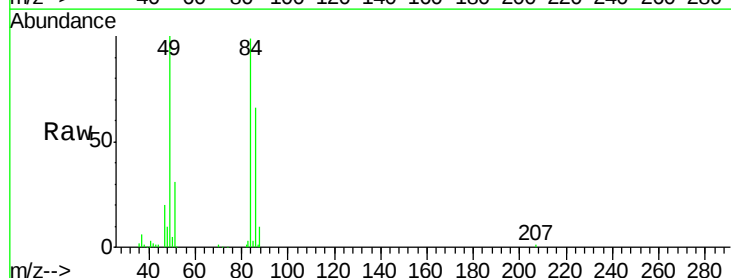
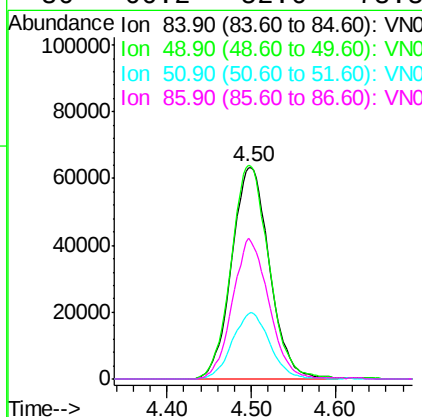
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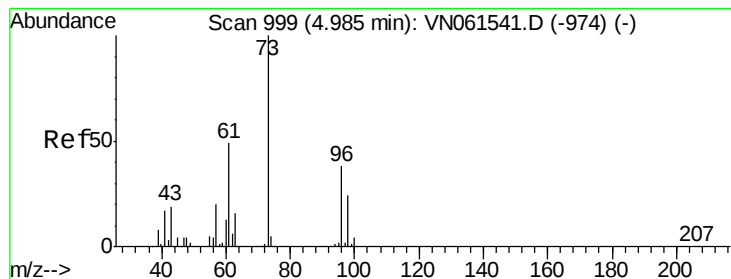
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#20
Methylene Chloride
Concen: 48.974 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	100.9	85.8	128.8
51	31.0	26.2	39.2
86	66.2	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 45.897 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

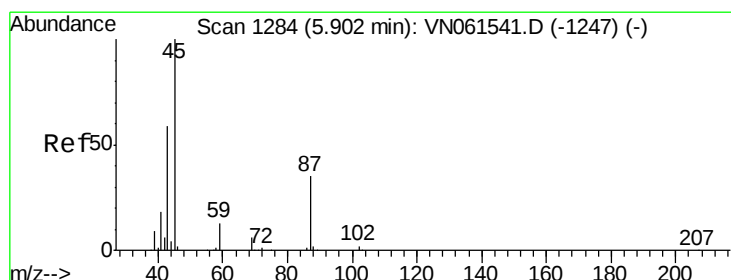
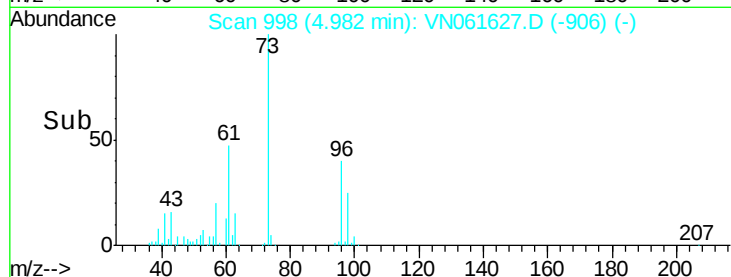
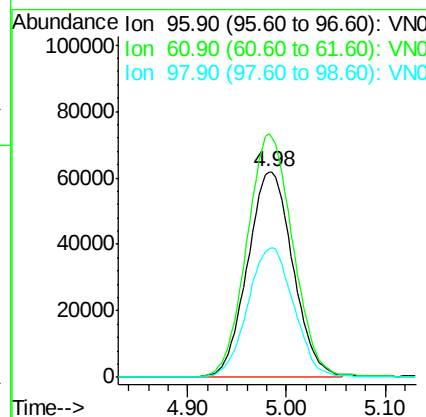
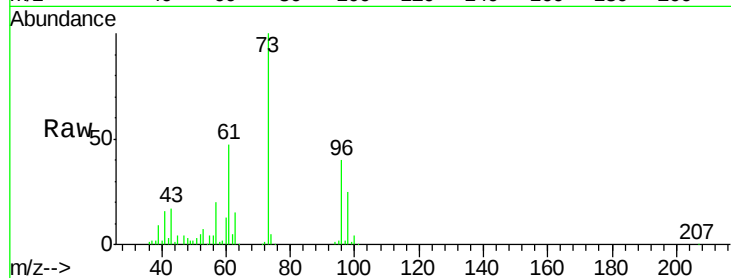
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	197050
Ion	Ratio	Lower	Upper
96	100		
61	118.4	101.4	152.0
98	62.5	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.689 ug/l

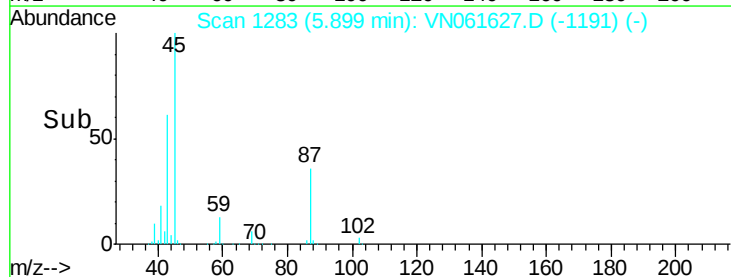
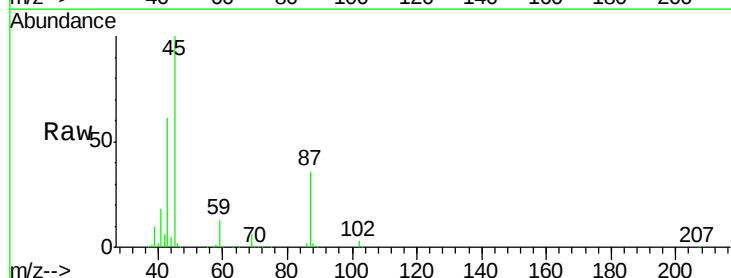
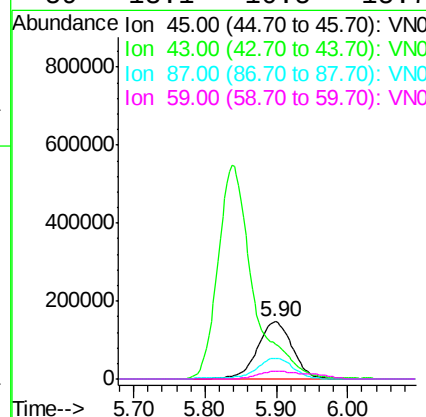
RT: 5.90 min Scan# 1283

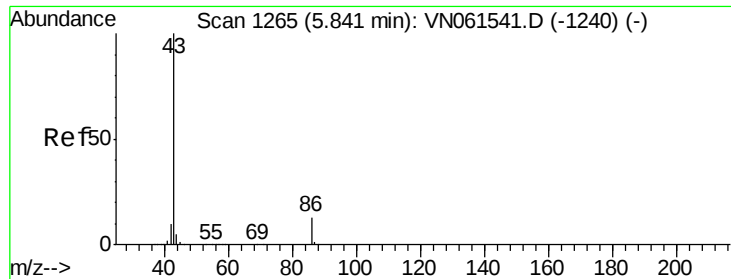
Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Tgt Ion:	45	Resp:	501192
Ion	Ratio	Lower	Upper
45	100		
43	59.7	47.9	71.9
87	36.3	28.4	42.6
59	13.1	10.5	15.7





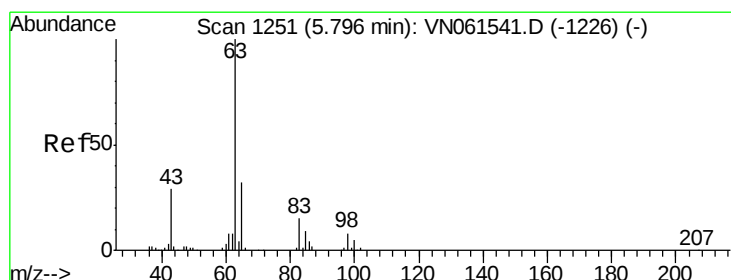
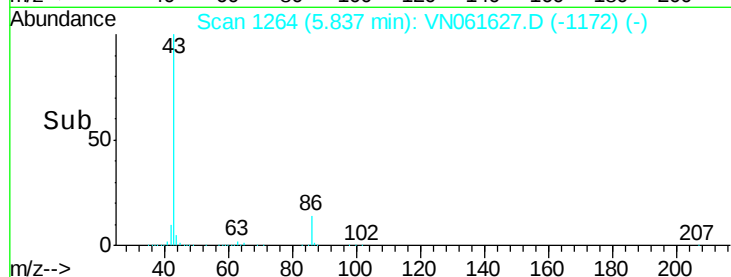
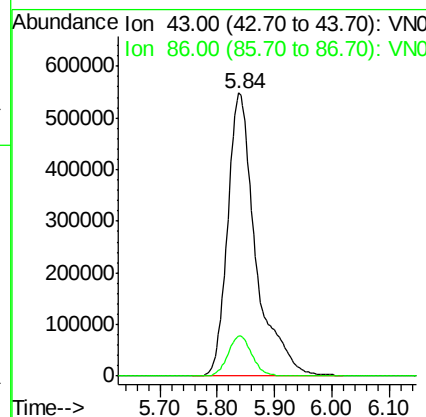
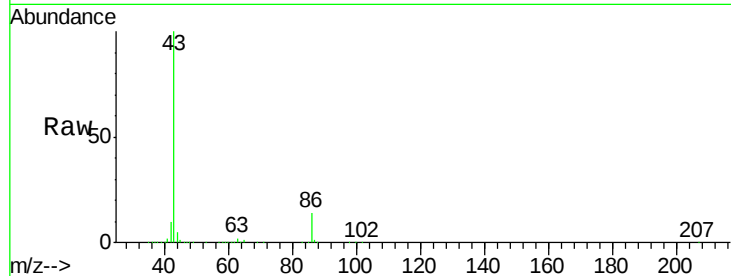
#23
 Vinyl Acetate
 Concen: 214.097 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1871855
 Ion Ratio Lower Upper
 43 100
 86 14.3 10.6 16.0

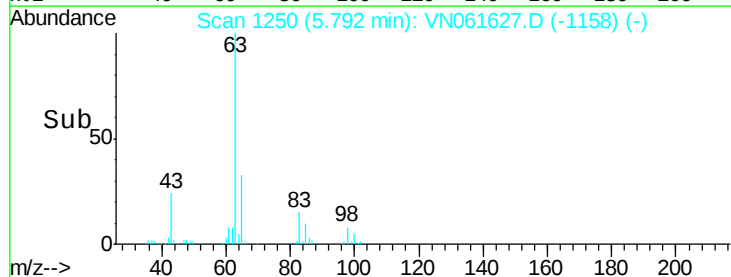
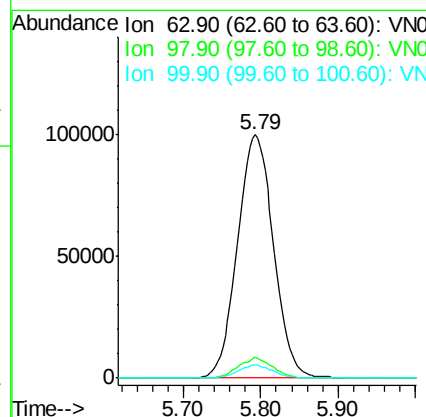
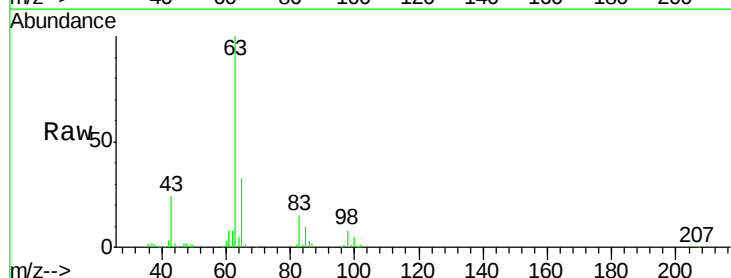
Manual Integrations
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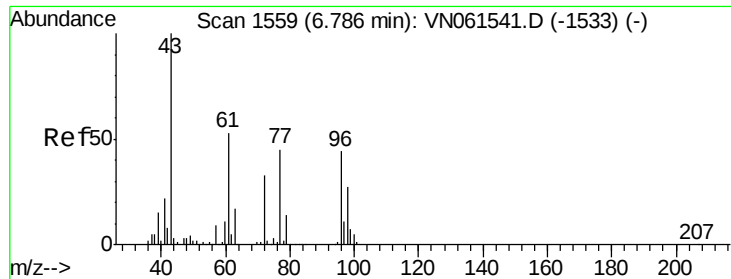
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#24
 1,1-Dichloroethane
 Concen: 46.468 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion: 63 Resp: 323230
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.8 11.4
 100 5.3 2.5 7.6





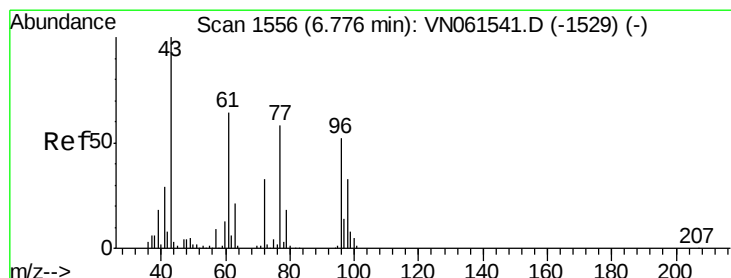
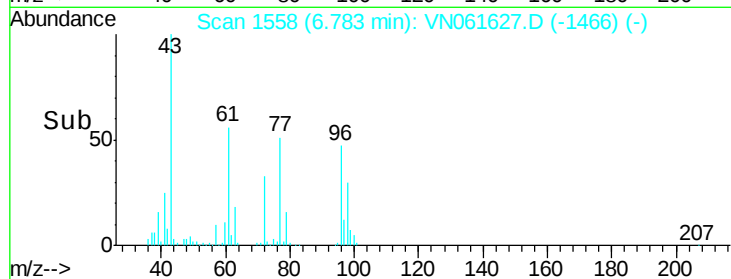
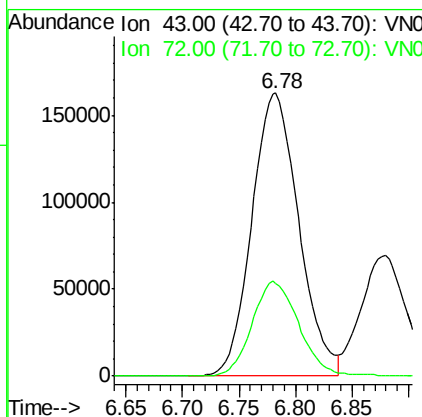
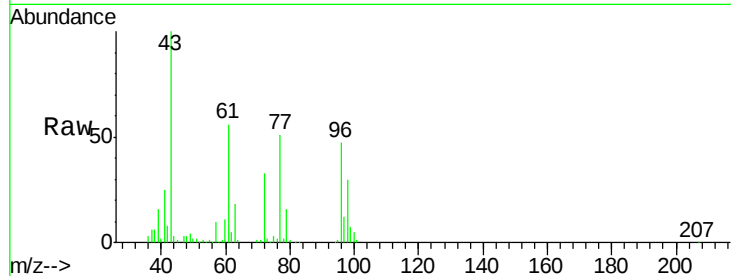
#25
2-Butanone
Concen: 222.614 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	32.9	26.0	39.0

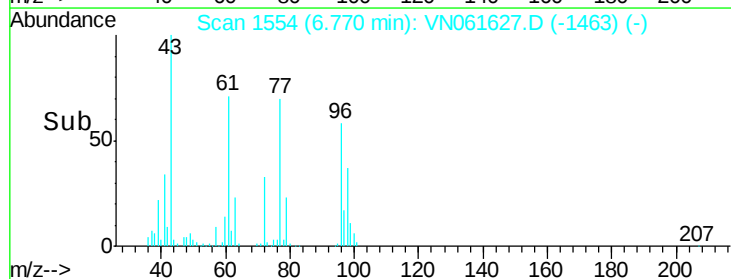
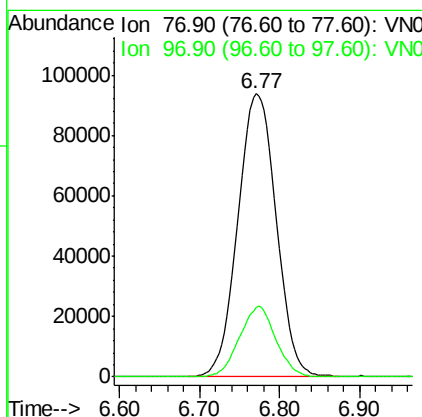
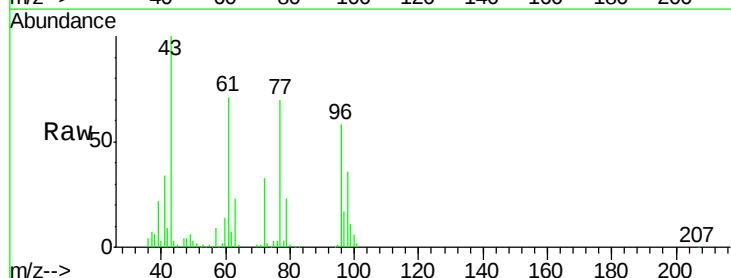
Manual Integrations
APPROVED

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6/4/2020 3:08:08 PM



#26
2,2-Dichloropropane
Concen: 48.007 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.6	12.0	36.0





#27

cis-1,2-Dichloroethene

Concen: 47.995 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

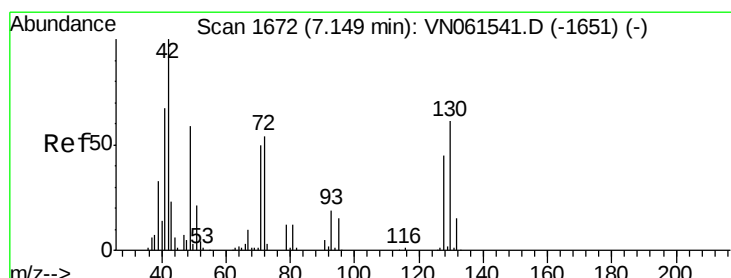
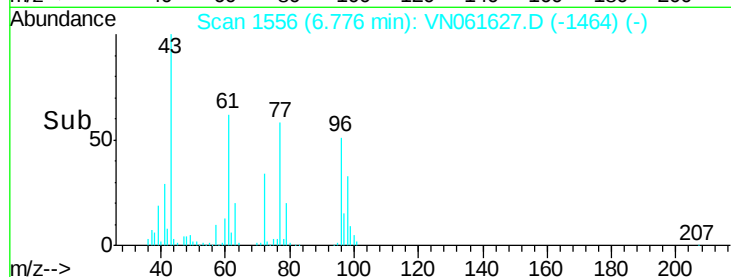
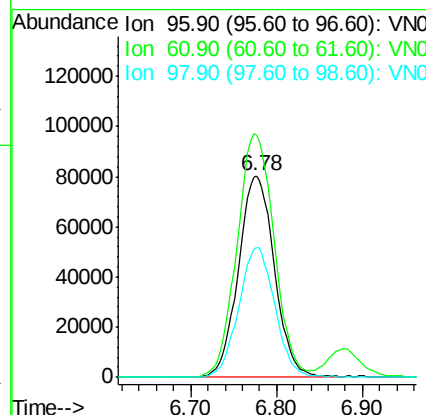
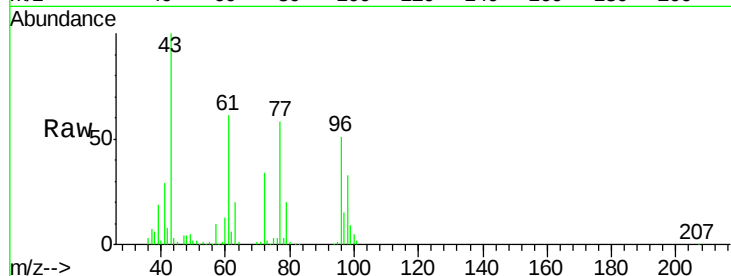
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	233328
Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	252.2
98	64.6	0.0	129.2

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#28

Bromochloromethane

Concen: 46.808 ug/l

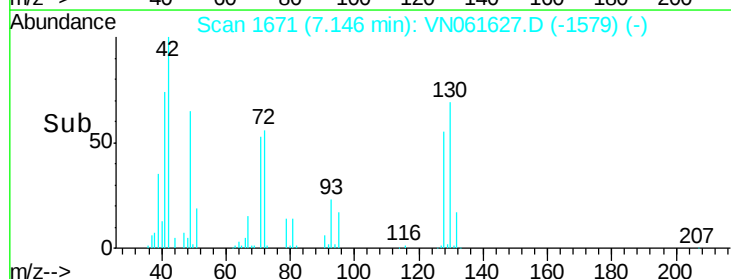
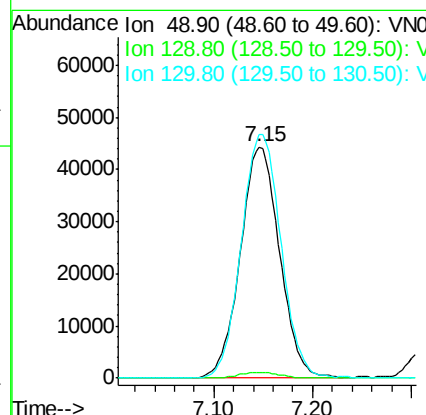
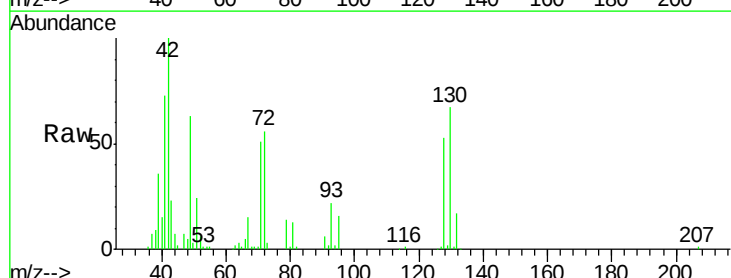
RT: 7.15 min Scan# 1671

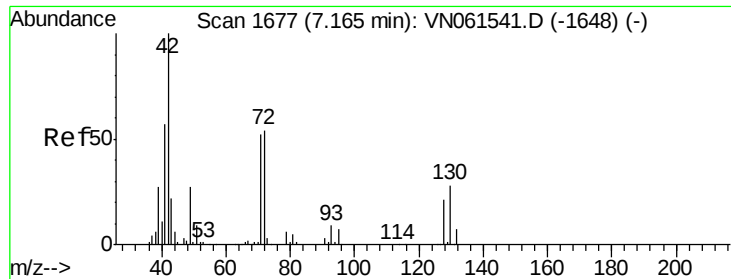
Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Tgt Ion:	49	Resp:	122464
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	106.3	78.8	118.2





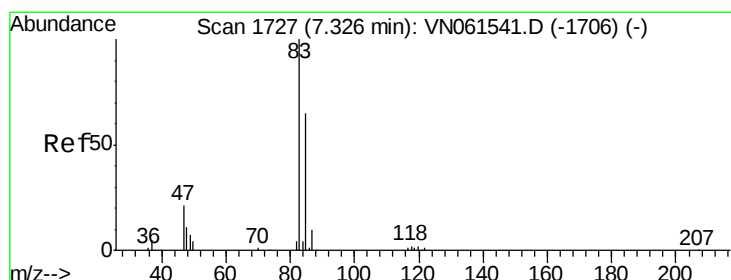
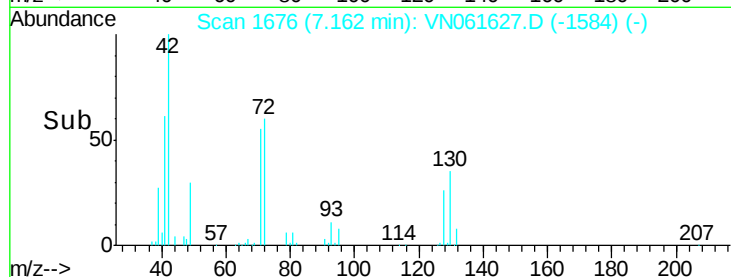
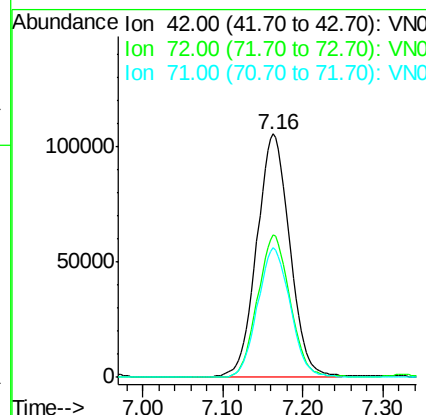
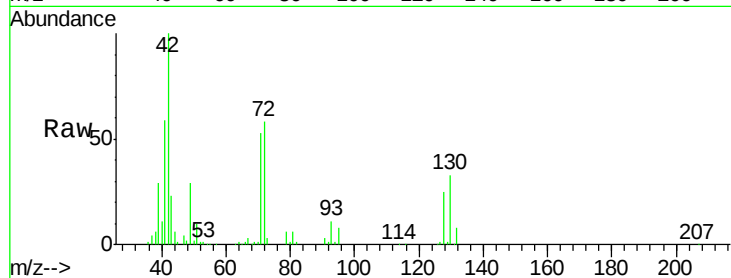
#29
Tetrahydrofuran
Concen: 215.271 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	57.4	43.6	65.4
71	52.4	41.2	61.8

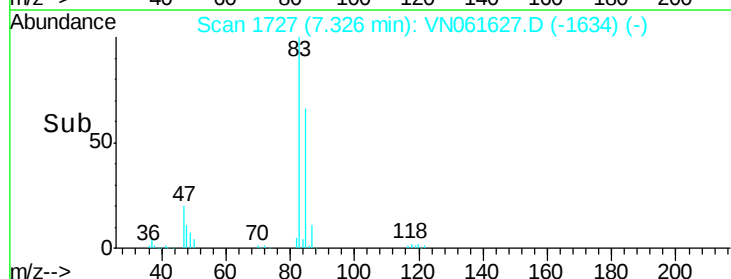
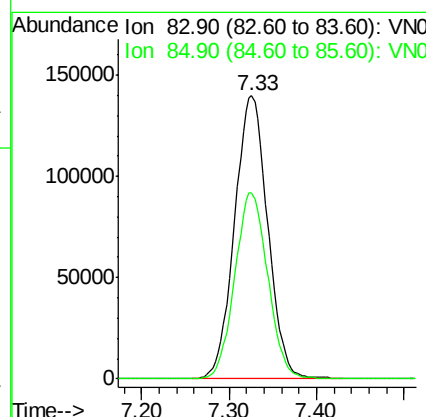
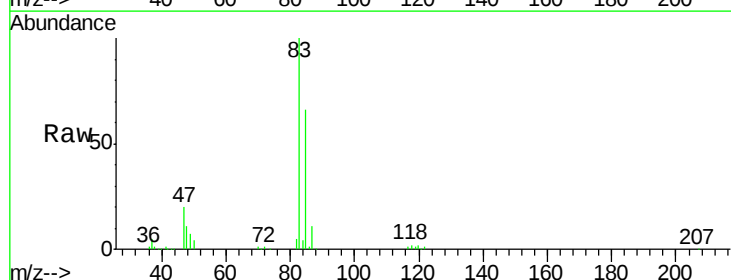
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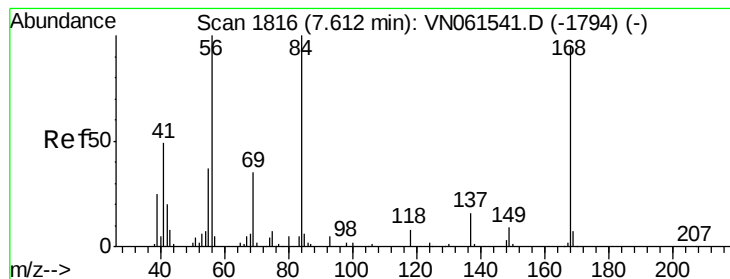
MMDadoda
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#30
Chloroform
Concen: 47.796 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.7	77.5





#31

Cyclohexane

Concen: 44.416 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

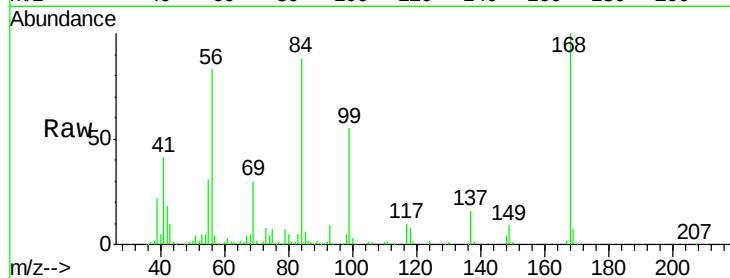
ClientSampleId :

VSTDCCC050

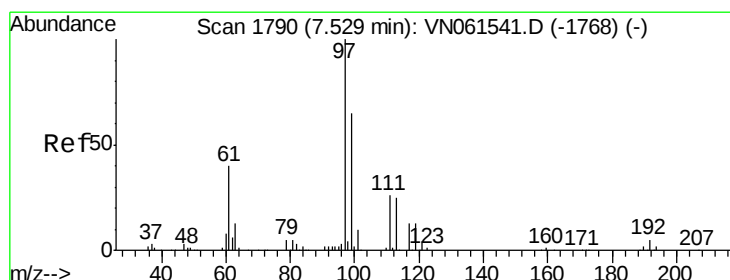
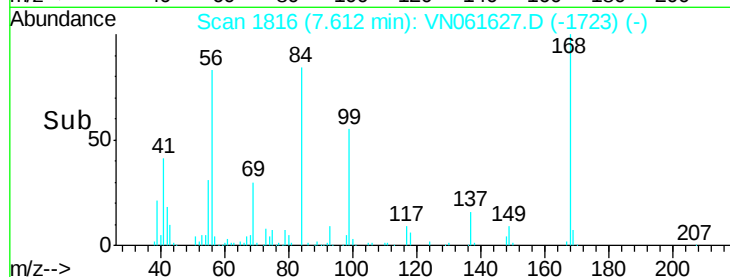
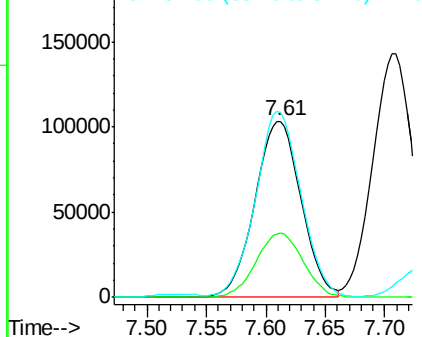
Tot Ion:	56	Resp:	277864
Ion	Ratio	Lower	Upper
56	100		
69	36.5	27.8	41.8
84	103.4	79.9	119.9

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Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 47.389 ug/l

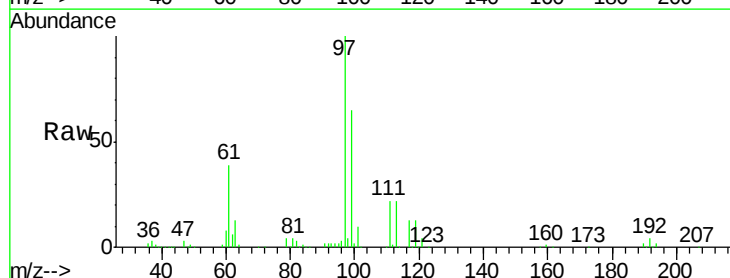
RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

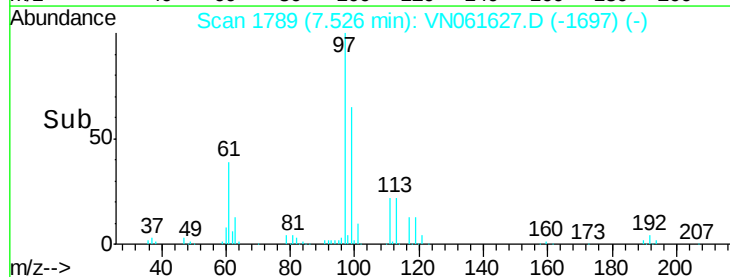
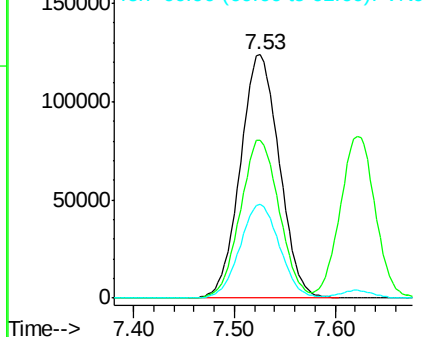
Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Tgt Ion:	97	Resp:	332302
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	39.1	31.4	47.0



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





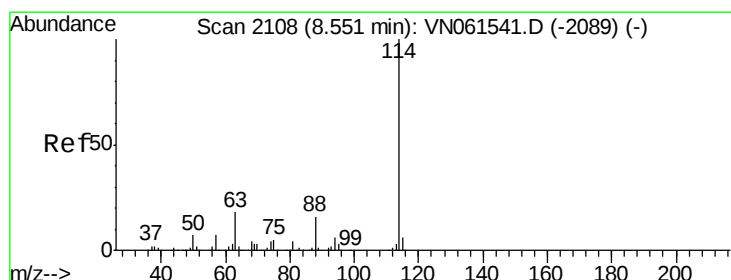
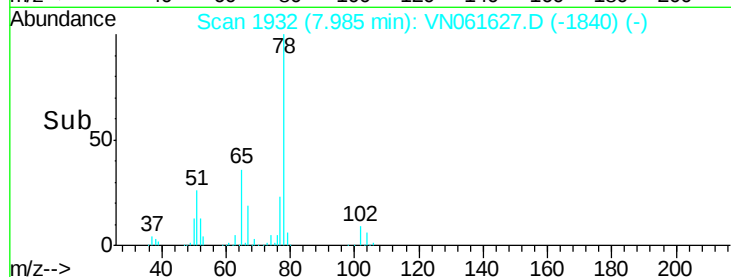
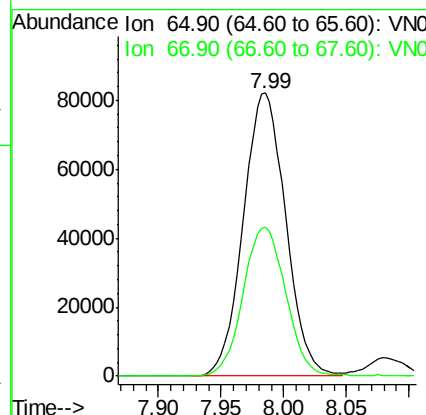
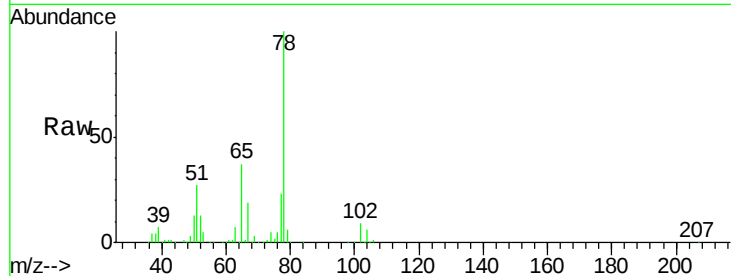
#33
 1,2-Dichloroethane-d4
 Concen: 43.520 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	193181		
67	53.1	0.0	104.8	

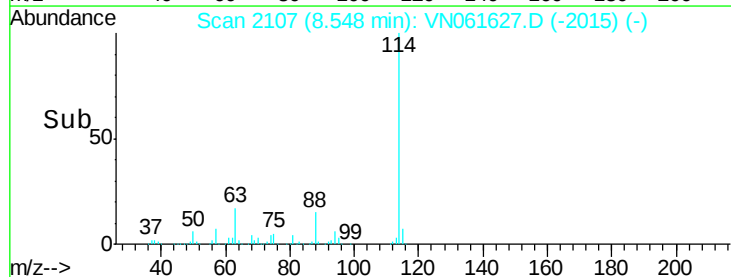
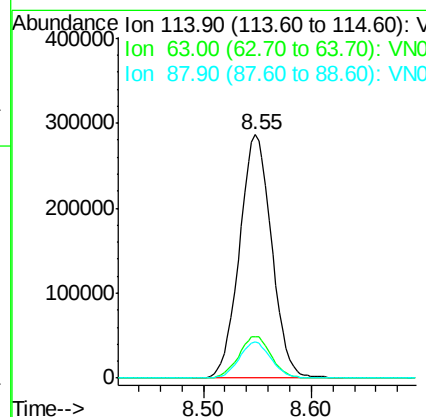
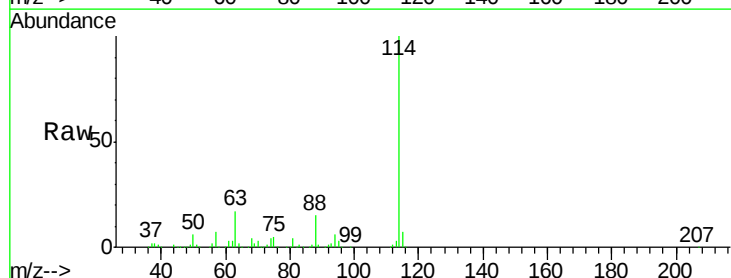
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	593621		
63	17.2	0.0	35.8	
88	14.7	0.0	31.0	





#35

Dibromofluoromethane

Concen: 47.563 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

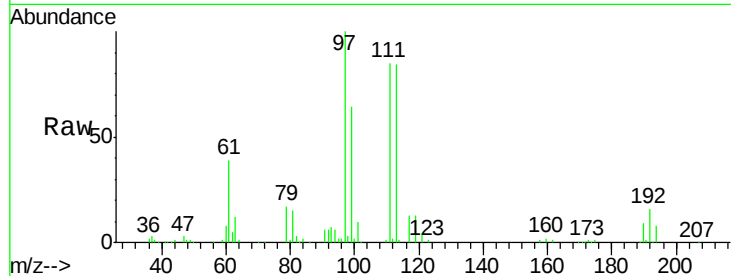
ClientSampleId :

VSTDCCC050

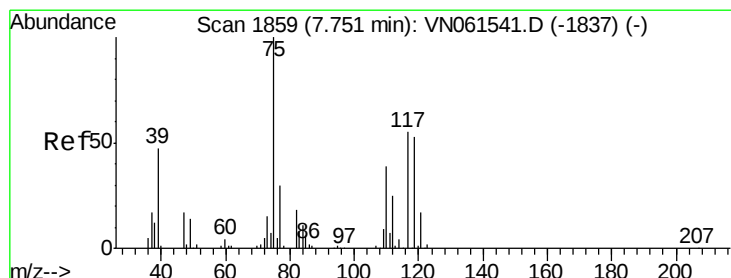
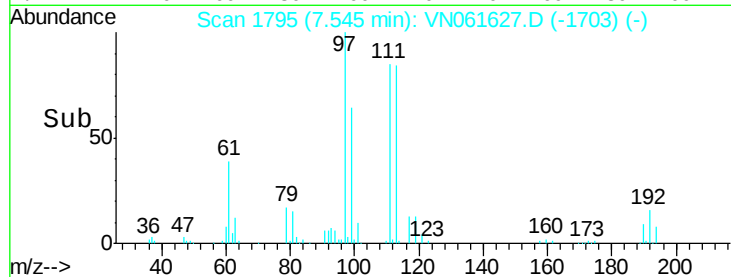
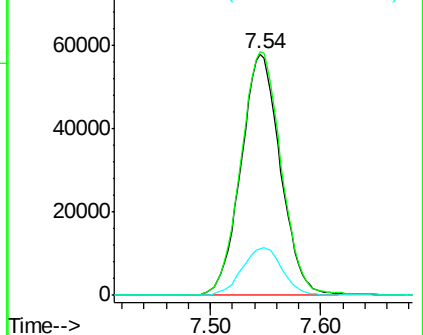
Tot Ion:	113	Resp:	143227
Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.0
192	20.1	15.4	23.2

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.309 ug/l

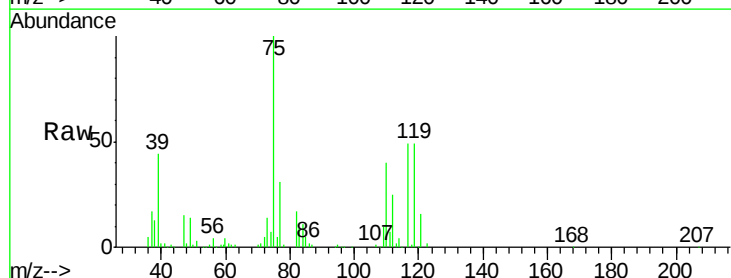
RT: 7.75 min Scan# 1859

Delta R.T. 0.00 min

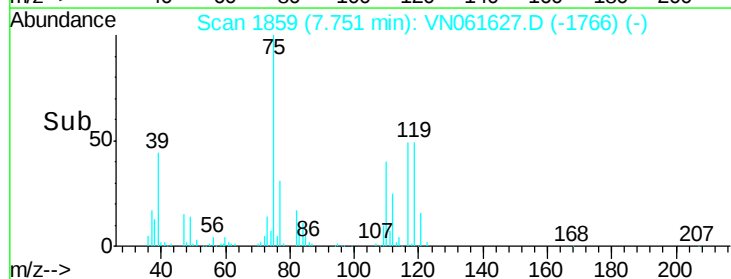
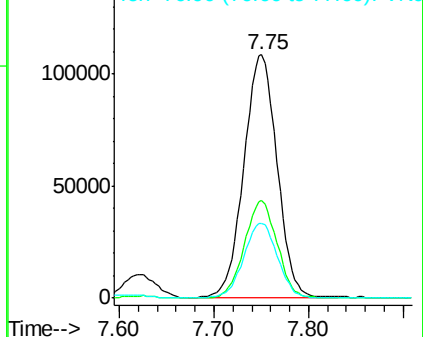
Lab File: VN061627.D

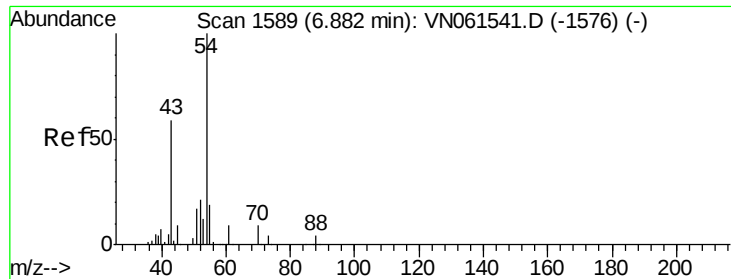
Acq: 3 Jun 2020 10:21

Tgt Ion:	75	Resp:	264379
Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.5	58.5
77	31.7	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





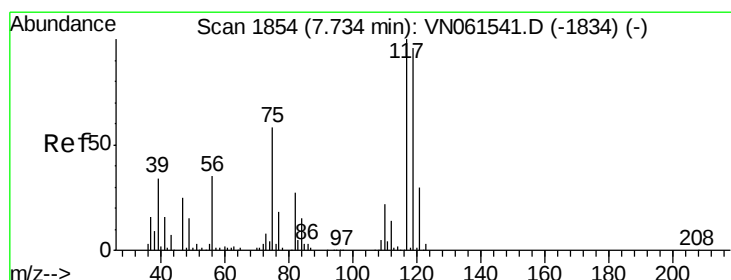
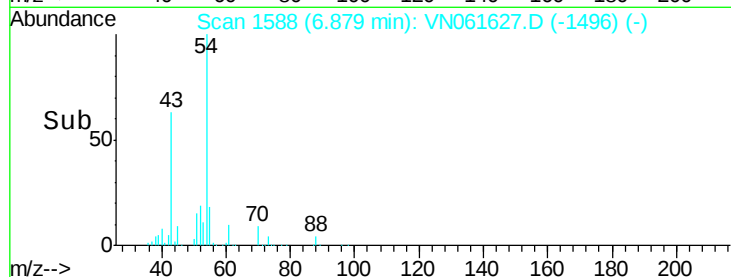
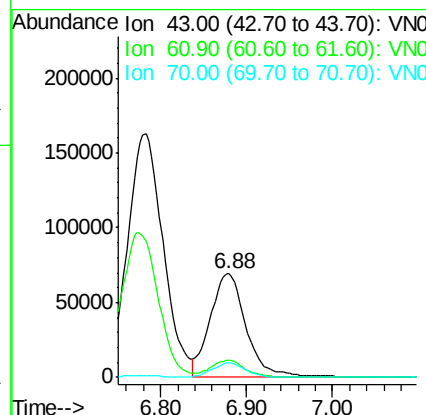
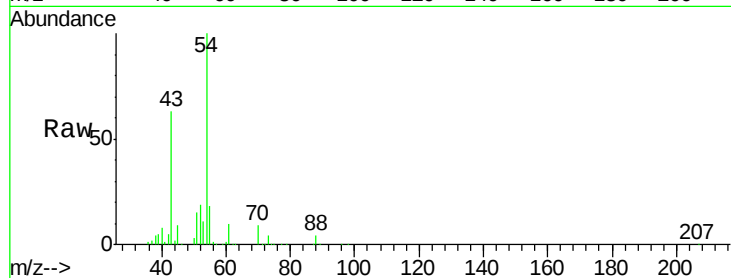
#37
Ethyl Acetate
Concen: 47.031 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.2	18.4
70	13.2	9.4	14.2

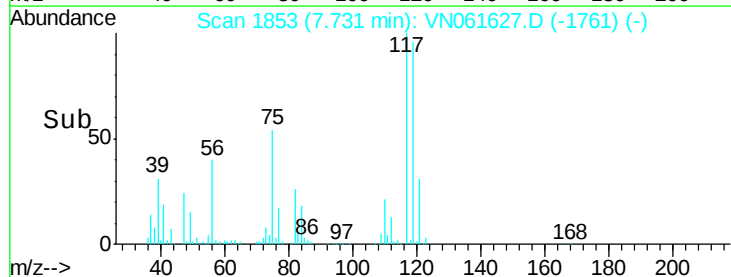
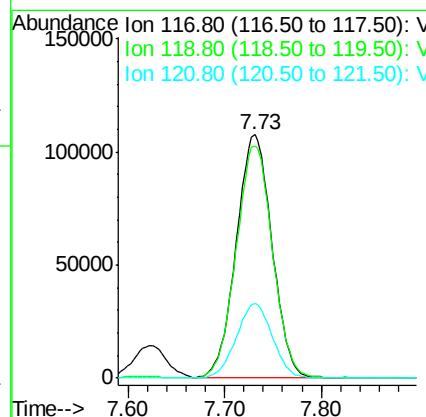
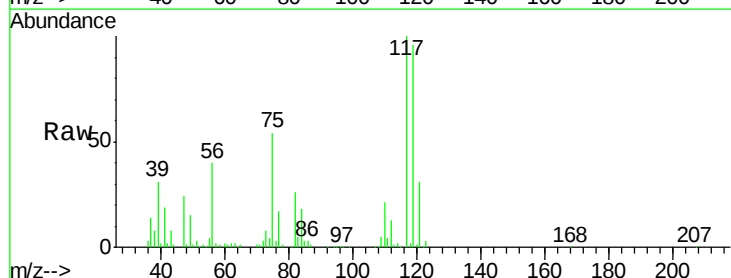
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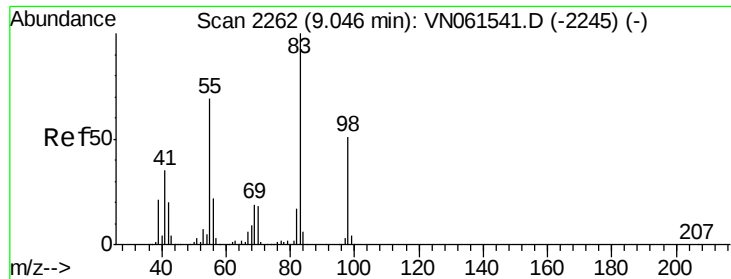
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#38
Carbon Tetrachloride
Concen: 54.344 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.5	114.7
121	30.6	24.1	36.1





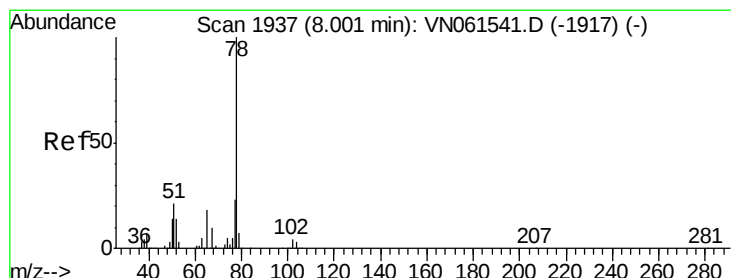
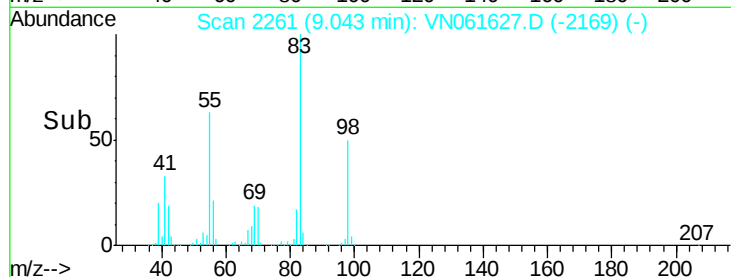
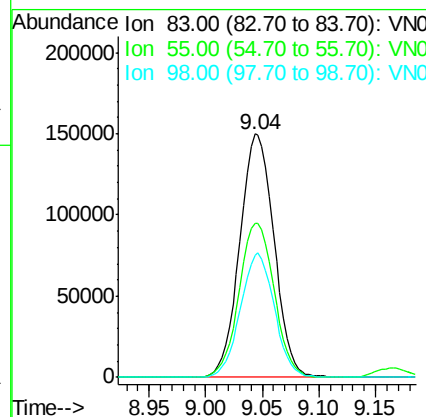
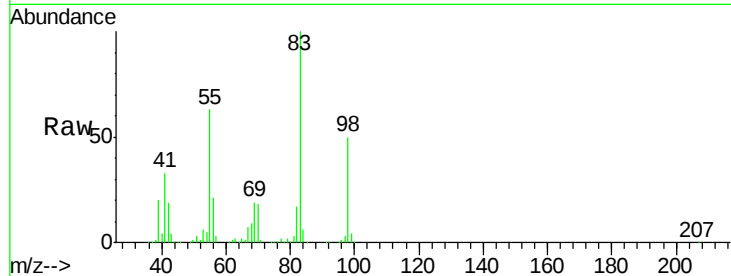
#39
Methvlcvclohexane
Concen: 48.933 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.5	54.9	82.3
98	50.0	41.0	61.4

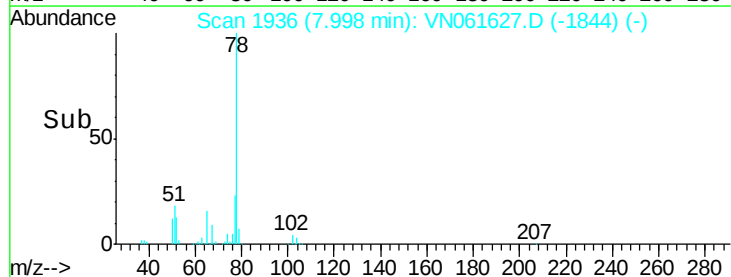
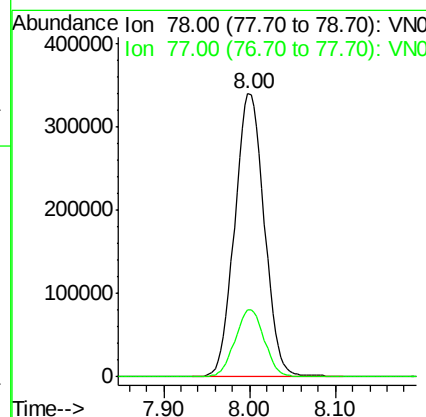
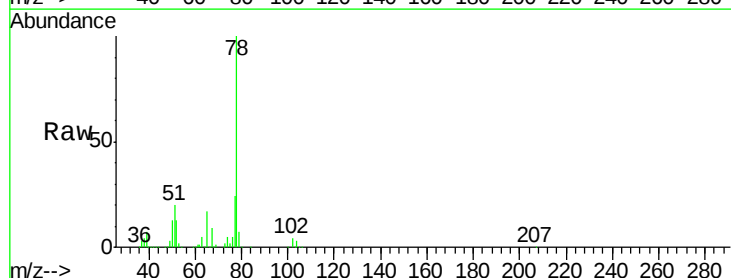
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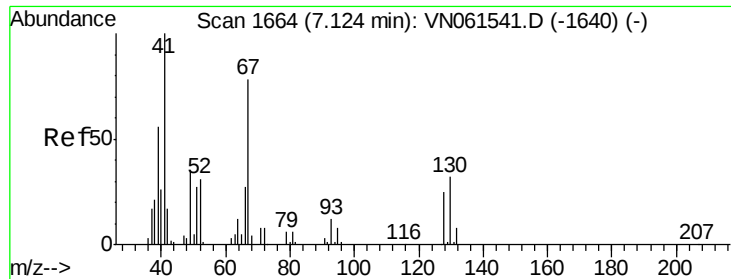
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#40
Benzene
Concen: 50.125 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0





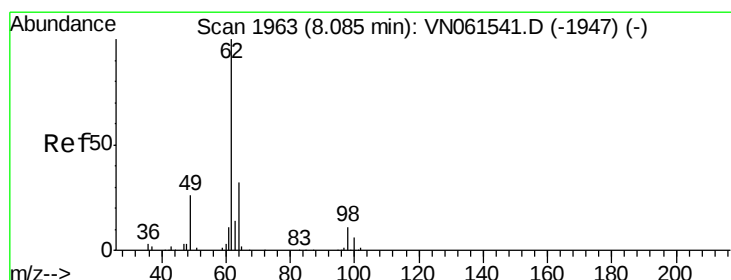
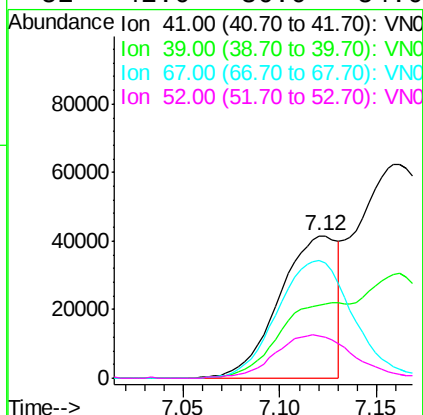
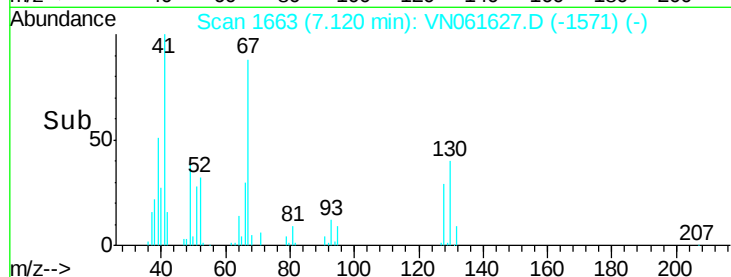
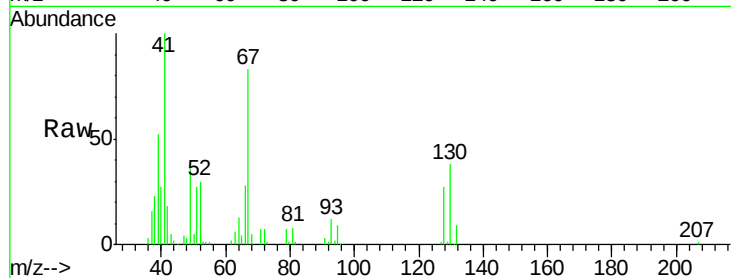
#41
Methacrylonitrile
Concen: 44.719 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	63.6	53.8	80.6	
67	109.1	91.1	136.7	
52	42.0	36.0	54.0	

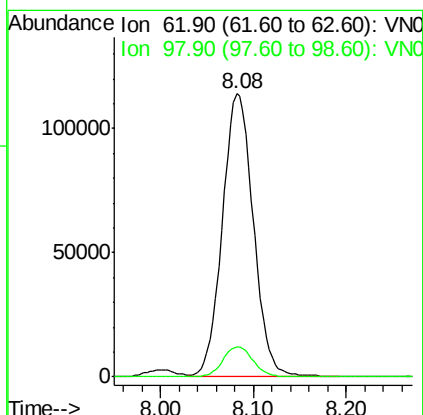
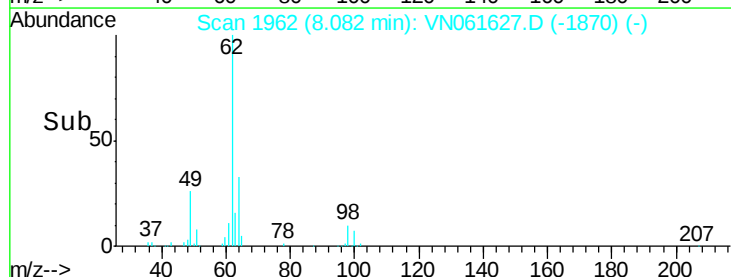
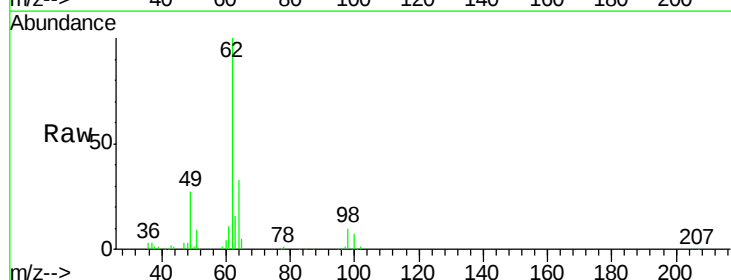
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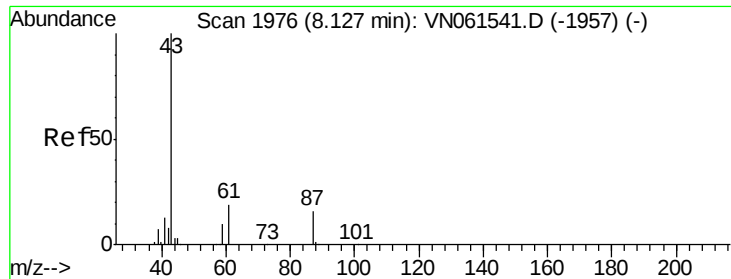
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.538 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	21.4	





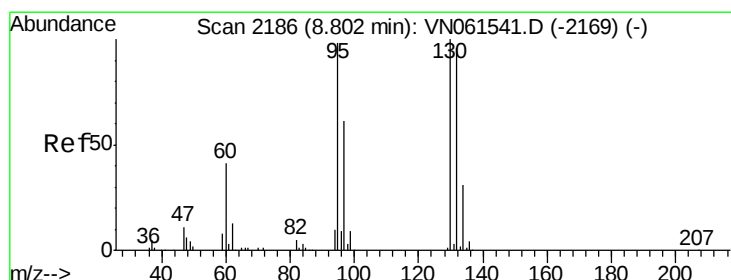
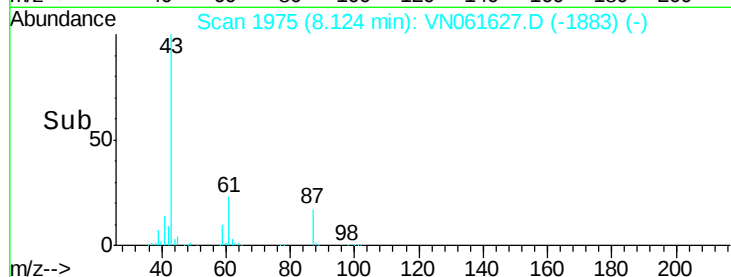
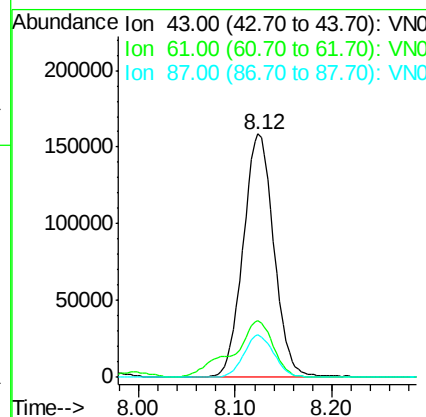
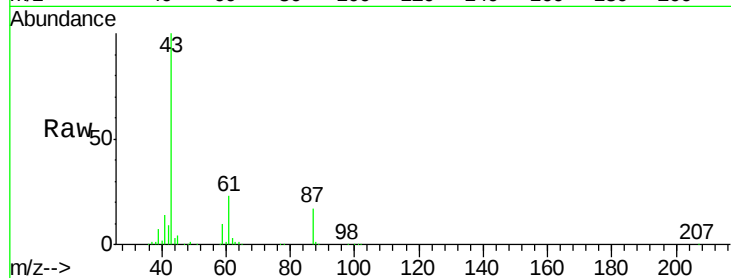
#43
Isopropyl Acetate
Concen: 45.762 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.6	35.4
87	17.2	13.0	19.6

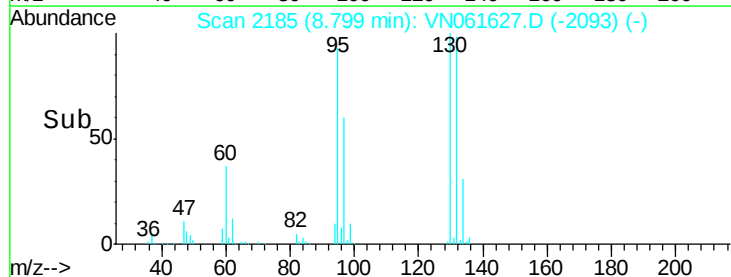
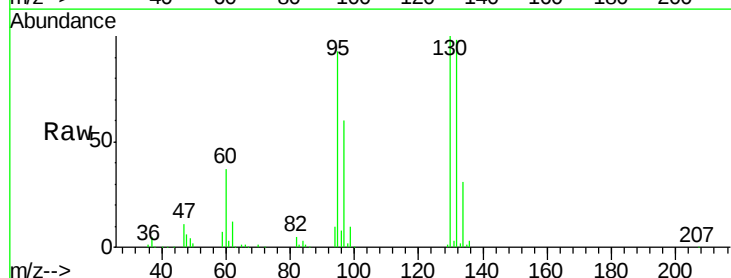
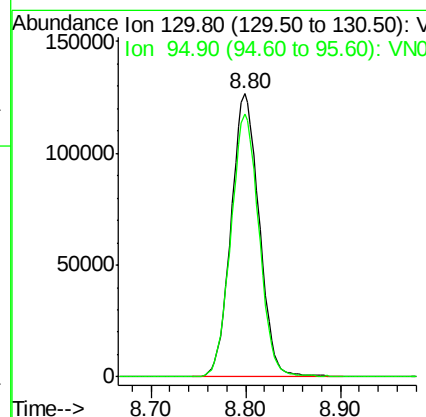
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#44
Trichloroethene
Concen: 52.485 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	196.6





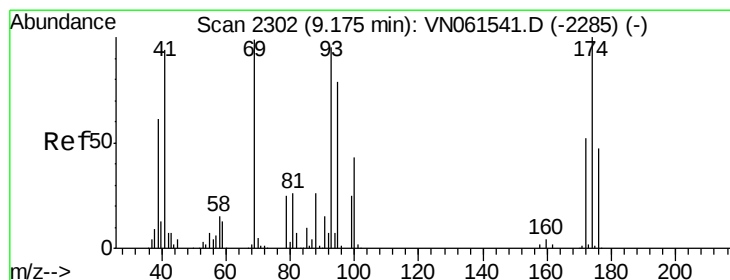
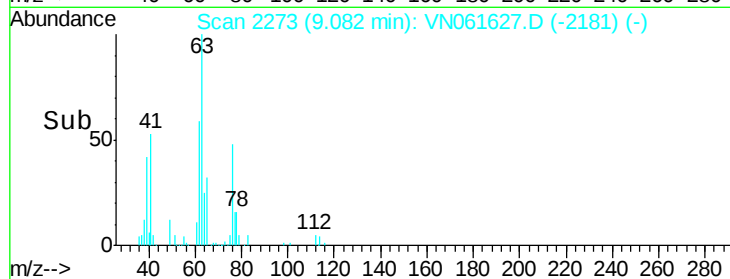
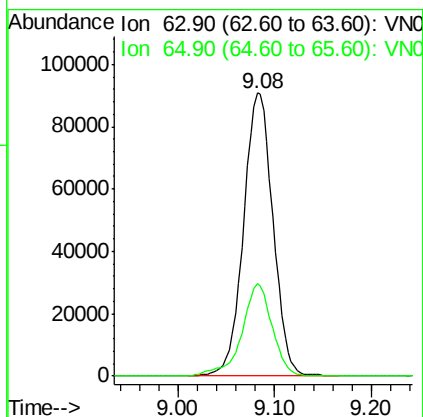
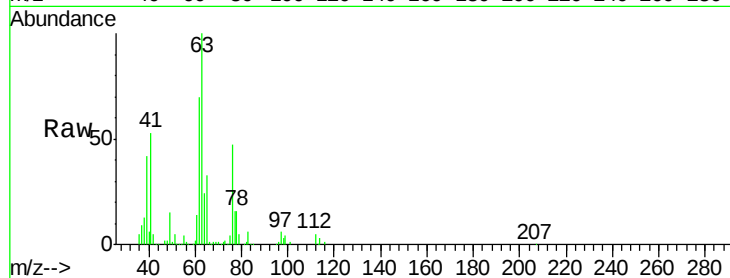
#45
 1,2-Dichloropropane
 Concen: 49.931 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 63 Resp: 192242
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.7 37.1

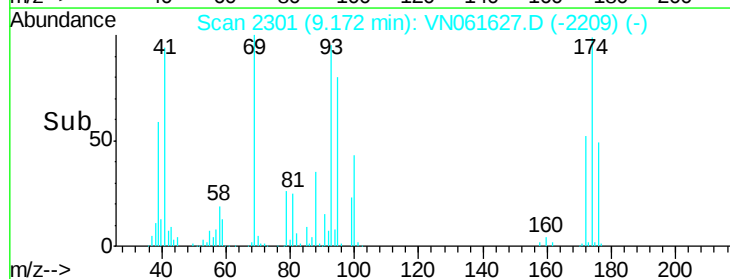
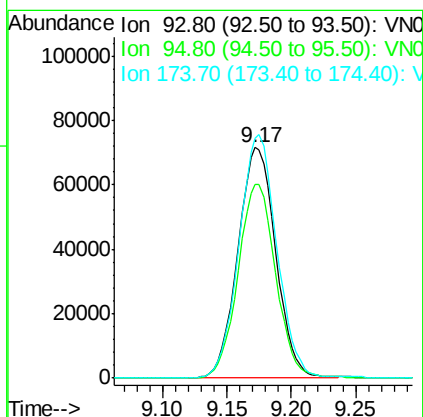
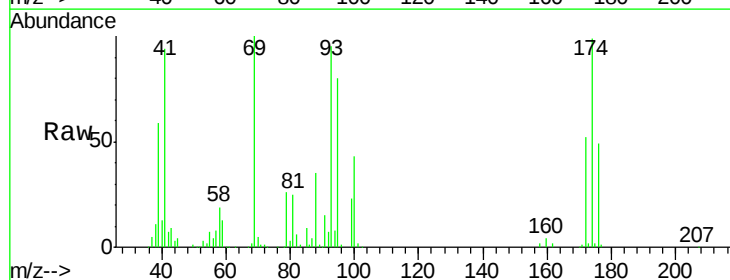
Manual Integrations
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#46
 Dibromomethane
 Concen: 49.579 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion: 93 Resp: 146400
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.0 99.0
 174 105.5 82.5 123.7





#47

Bromodichloromethane

Concen: 50.934 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

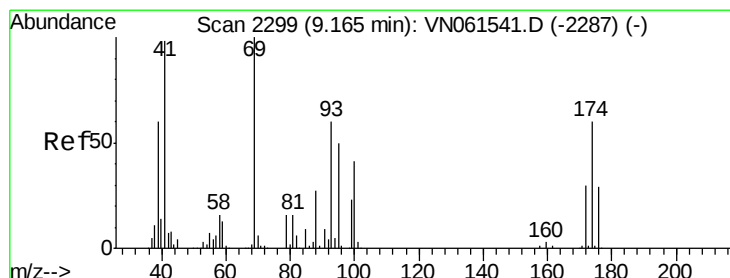
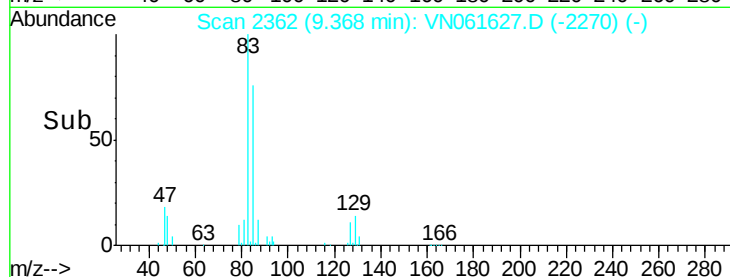
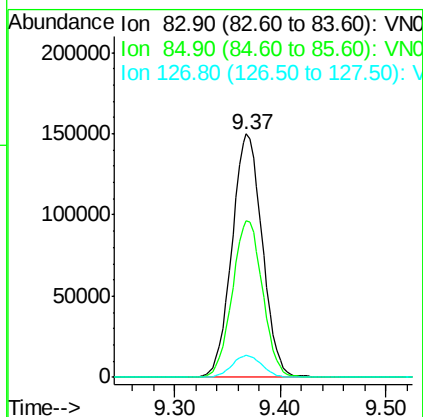
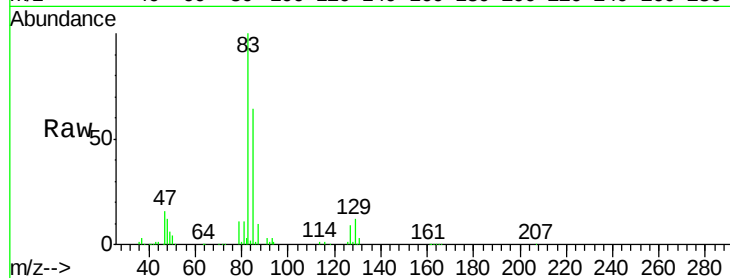
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	297978
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.1	76.7
127	8.9	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 44.141 ug/l

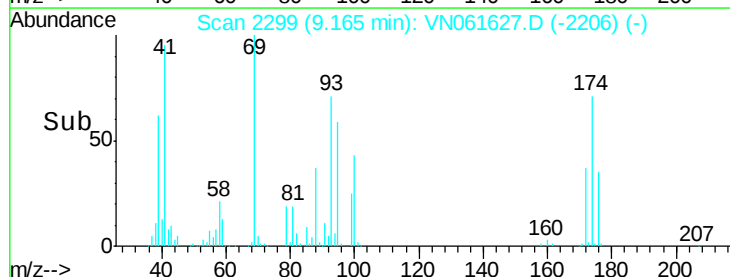
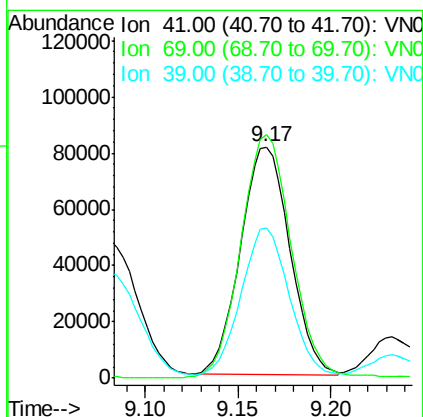
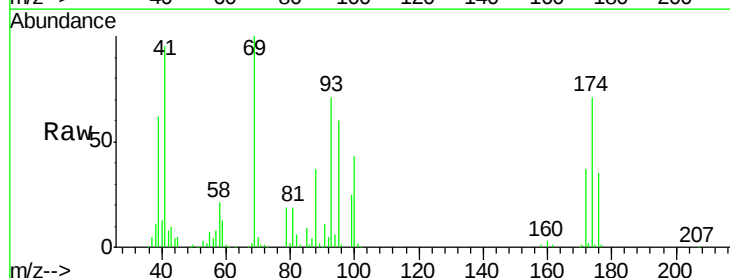
RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Tgt Ion:	41	Resp:	151229
Ion	Ratio	Lower	Upper
41	100		
69	109.9	83.9	125.9
39	65.4	52.1	78.1





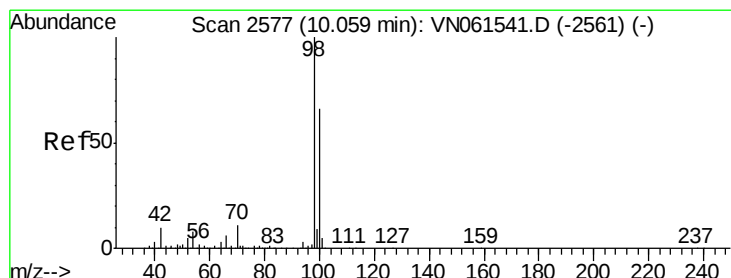
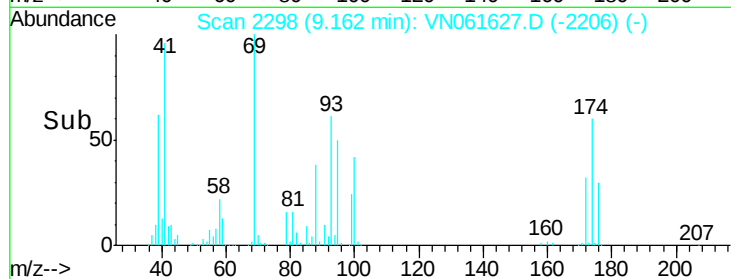
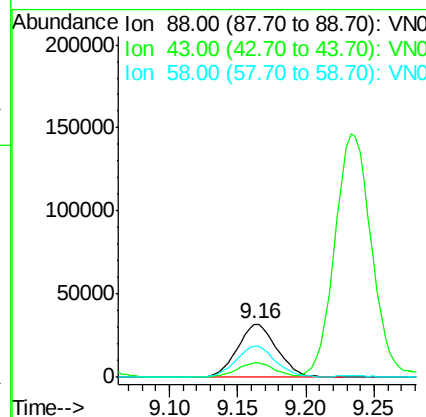
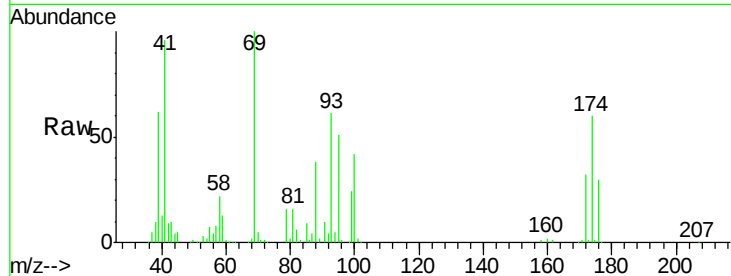
#49
1,4-Dioxane
Concen: 1222.002 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.1	23.1	34.7
58	58.4	48.3	72.5

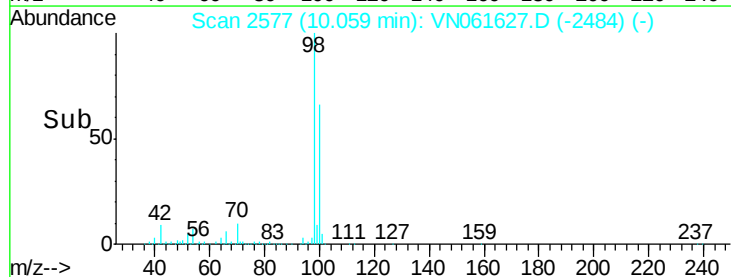
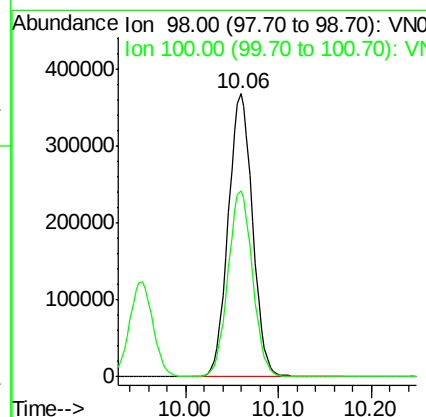
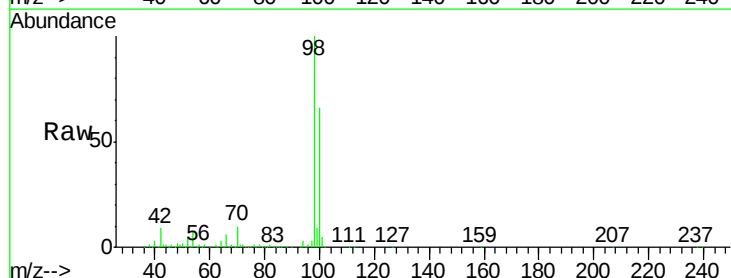
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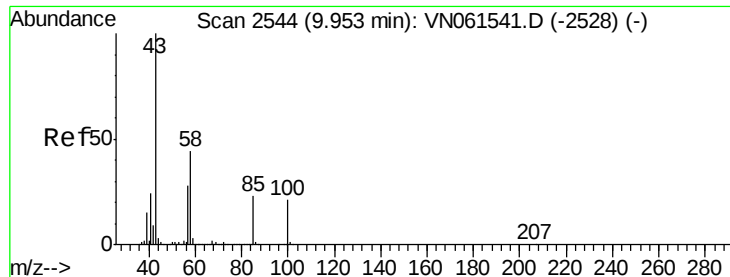
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#50
Toluene-d8
Concen: 47.980 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.8	79.2





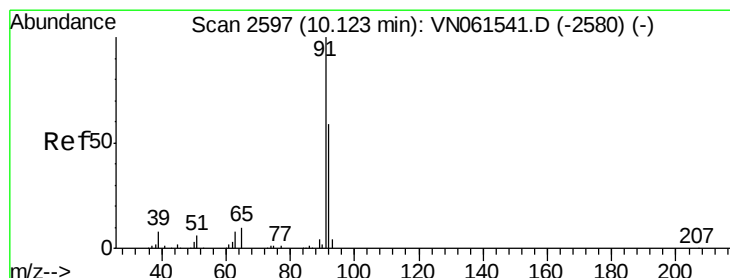
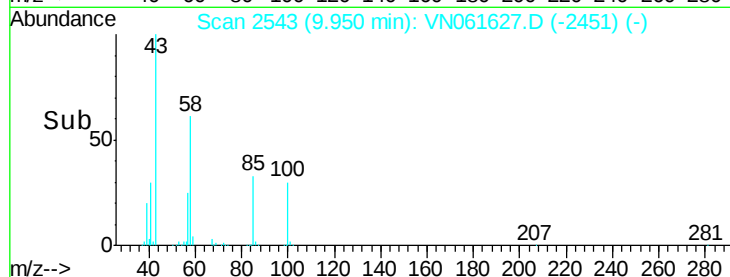
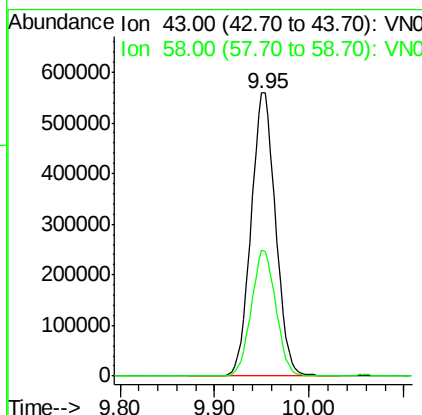
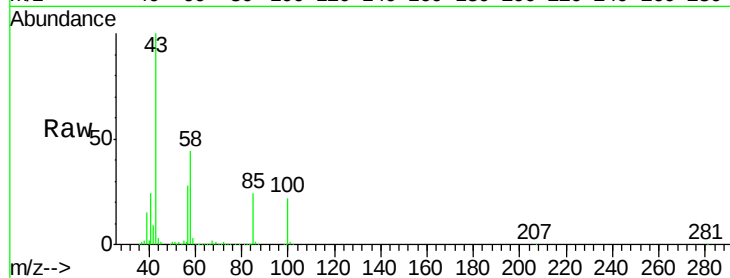
#51
 4-Methyl-2-Pentanone
 Concen: 234.536 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1006447
 Ion Ratio Lower Upper
 43 100
 58 44.5 35.0 52.6

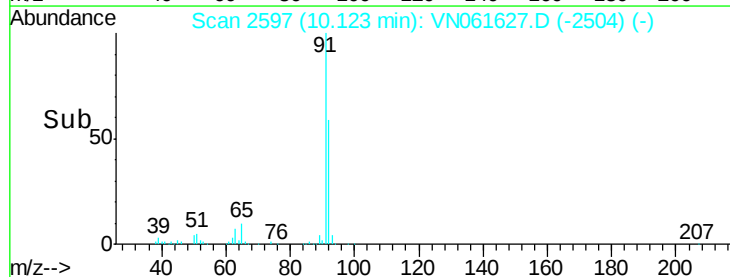
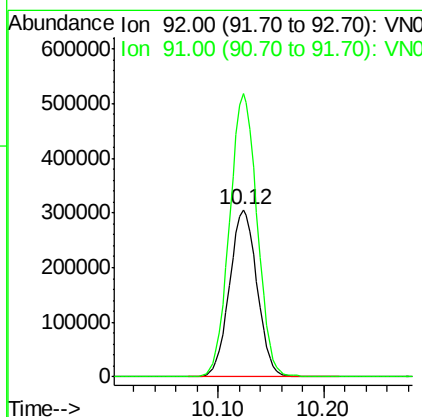
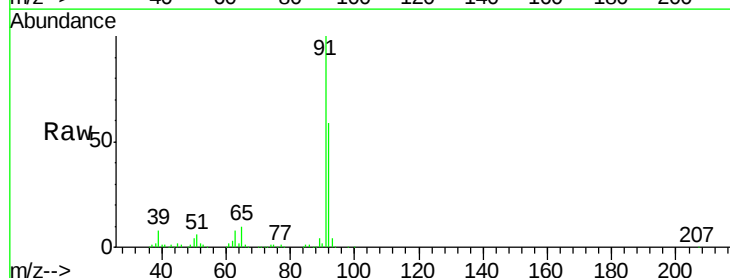
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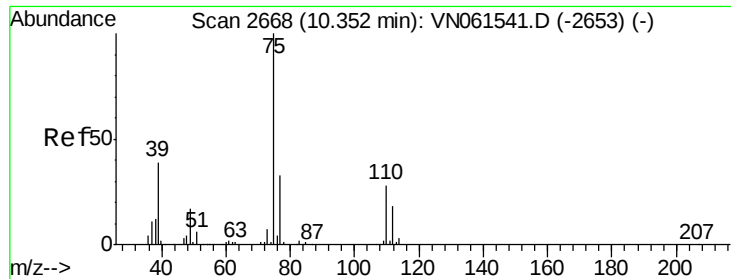
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#52
 Toluene
 Concen: 52.198 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion: 92 Resp: 552408
 Ion Ratio Lower Upper
 92 100
 91 169.8 136.4 204.6





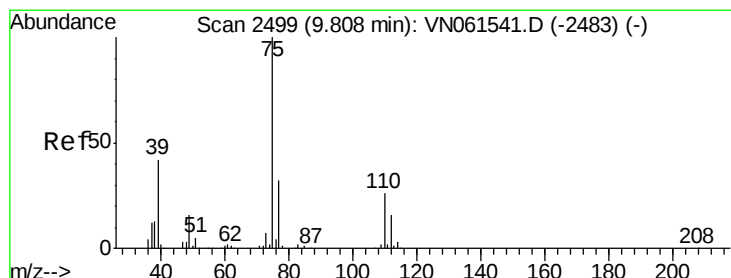
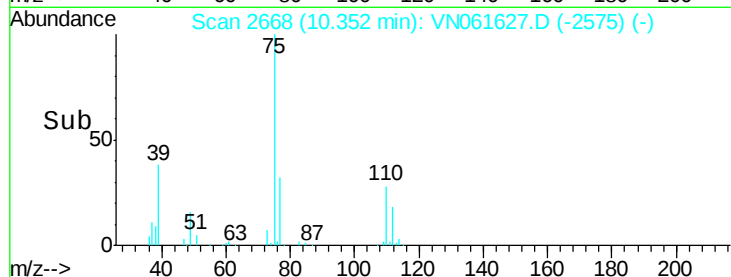
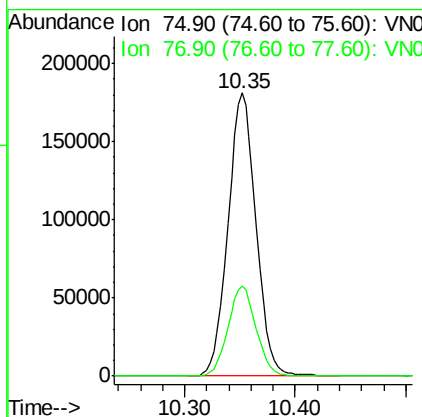
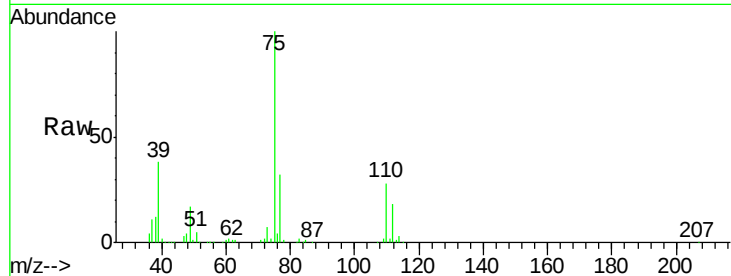
#53
t-1,3-Dichloropropene
Concen: 50.425 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 317795
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.4

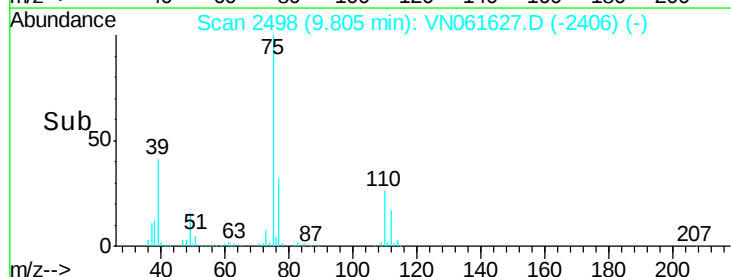
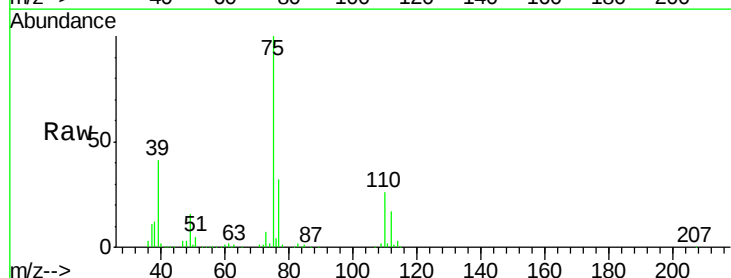
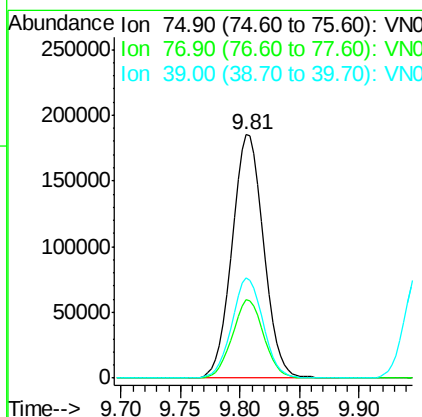
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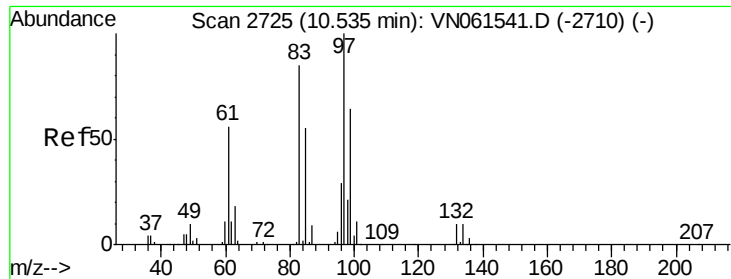
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#54
cis-1,3-Dichloropropene
Concen: 50.516 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion: 75 Resp: 342321
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2
39 41.0 33.8 50.6





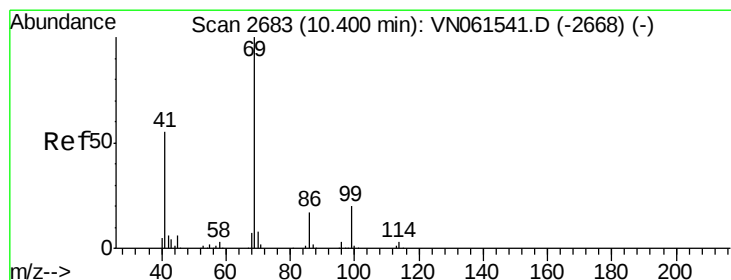
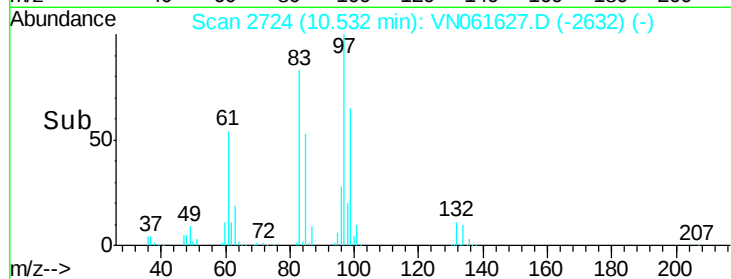
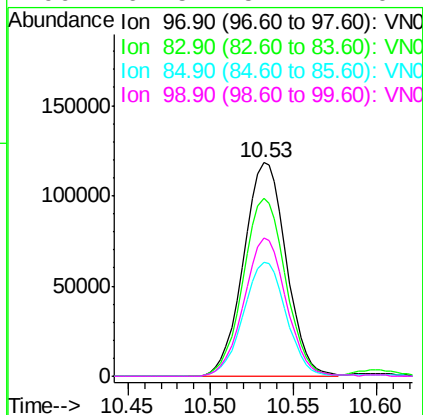
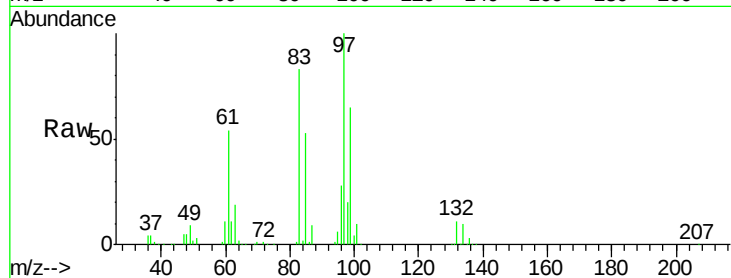
#55
 1,1,2-Trichloroethane
 Concen: 50.277 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	211983
Ion	Ratio	Lower	Upper
97	100		
83	83.2	68.1	102.1
85	53.3	44.1	66.1
99	64.5	51.1	76.7

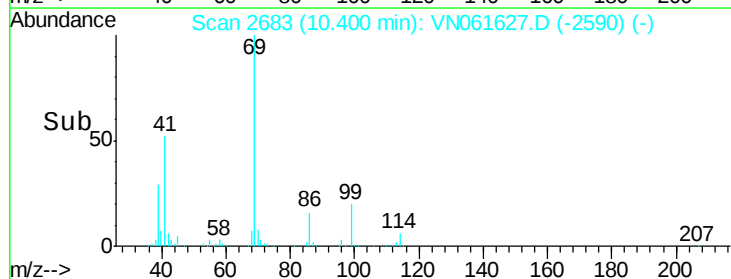
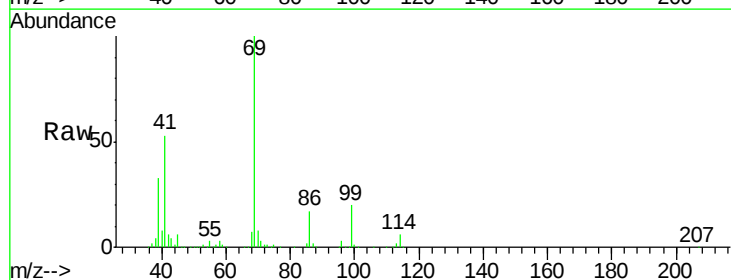
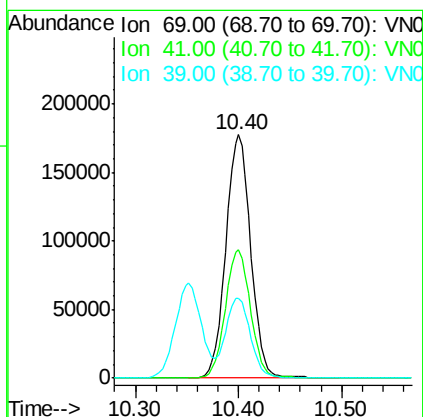
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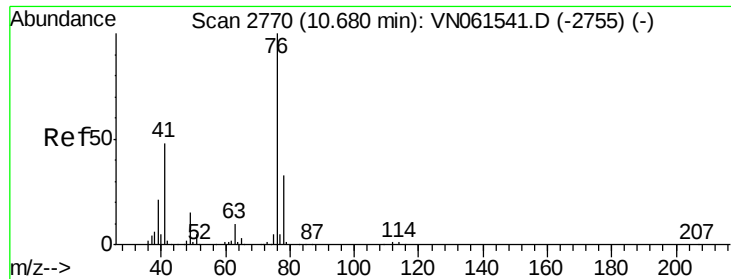
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#56
 Ethyl methacrylate
 Concen: 50.541 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion:	69	Resp:	297673
Ion	Ratio	Lower	Upper
69	100		
41	52.7	43.5	65.3
39	32.6	27.0	40.6





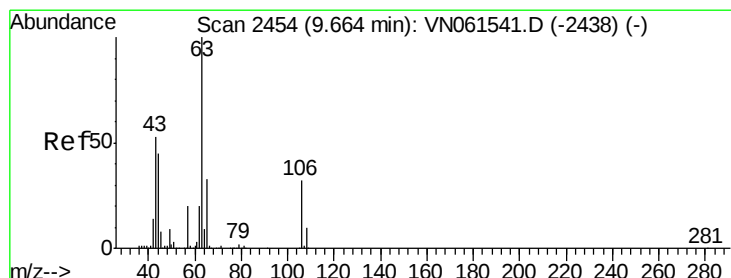
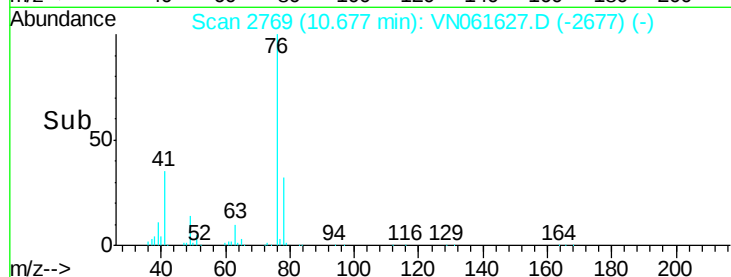
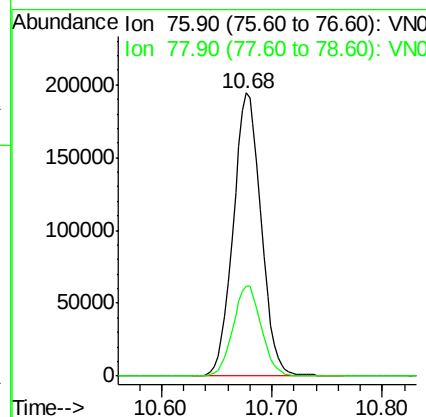
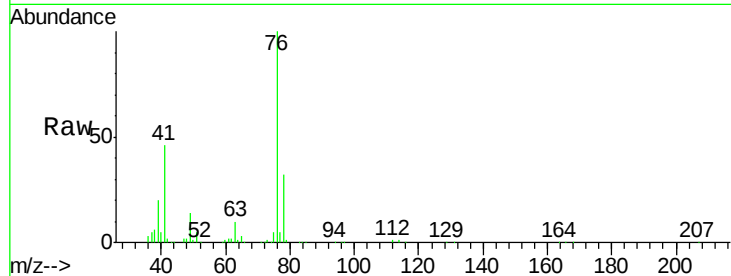
#57
 1,3-Dichloropropane
 Concen: 50.487 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 340454
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.3 39.5

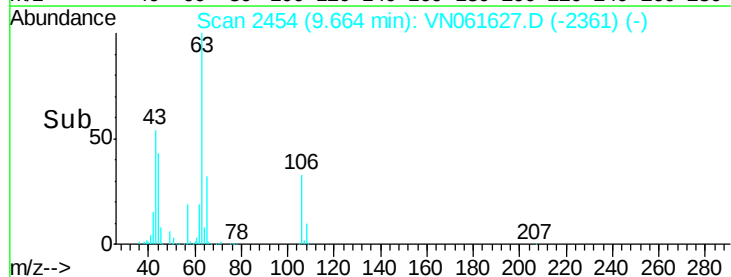
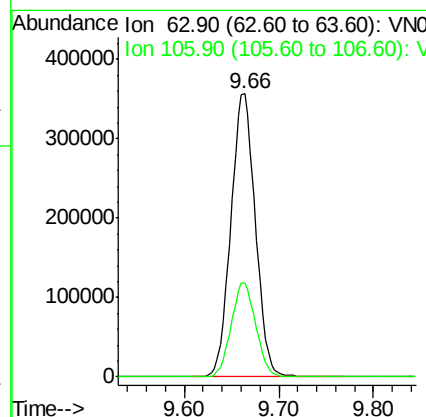
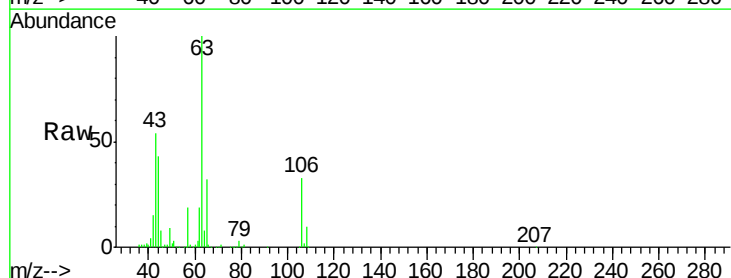
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#58
 2-Chloroethyl Vinyl ether
 Concen: 254.566 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion: 63 Resp: 640732
 Ion Ratio Lower Upper
 63 100
 106 33.4 25.9 38.9





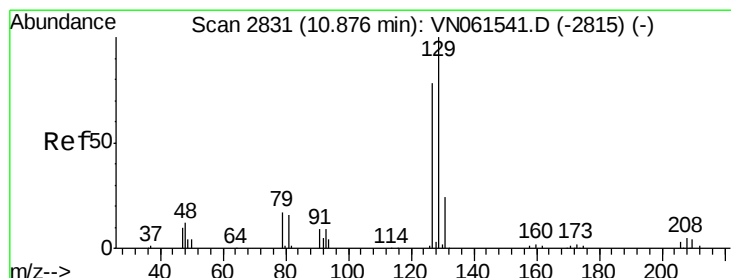
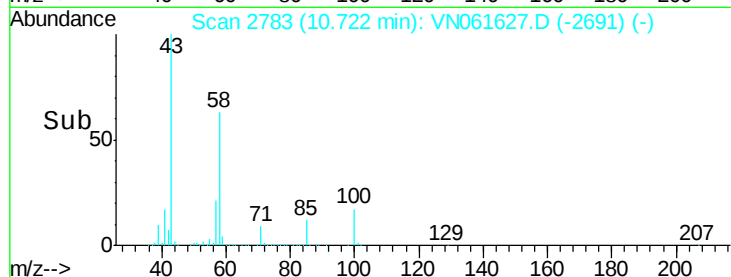
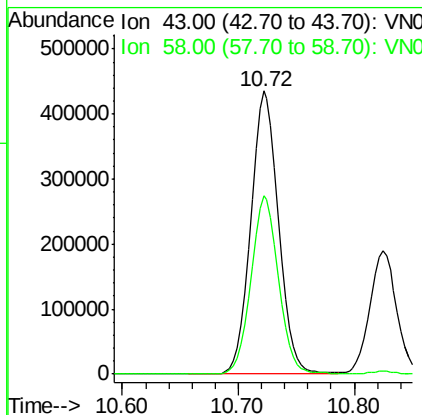
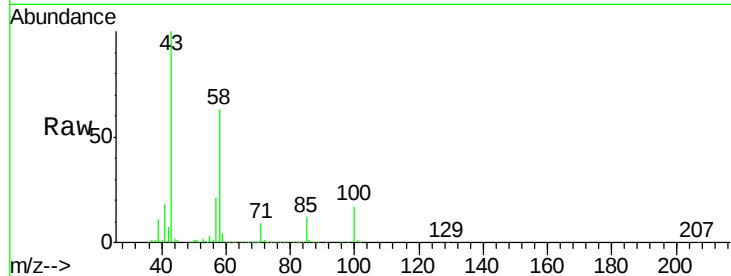
#59
2-Hexanone
Concen: 236.493 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 728836
Ion Ratio Lower Upper
43 100
58 62.5 30.7 92.1

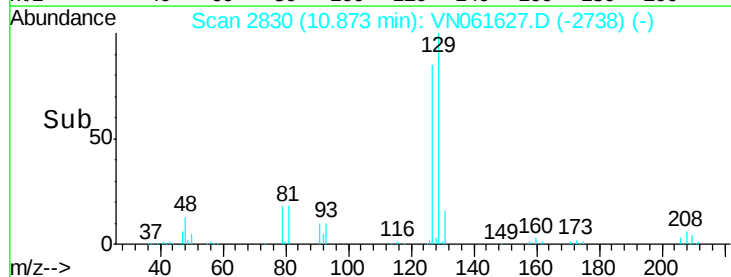
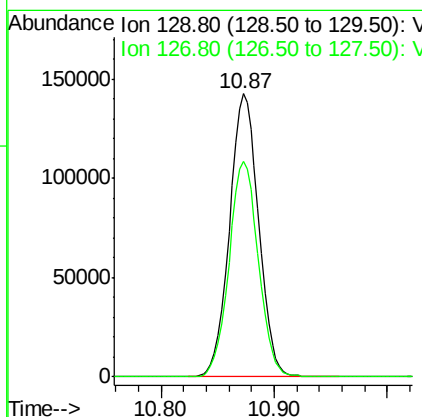
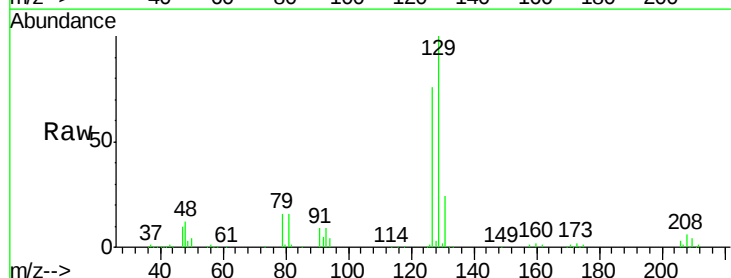
Manual Integrations
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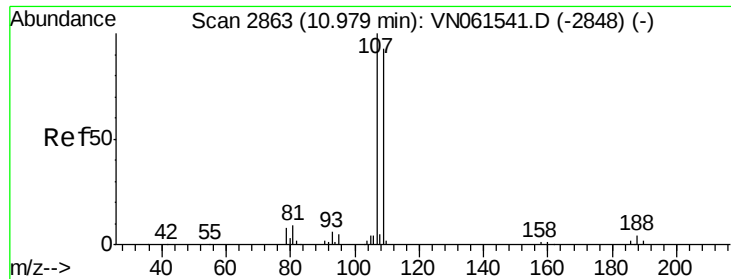
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#60
Dibromochloromethane
Concen: 53.134 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion:129 Resp: 254687
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





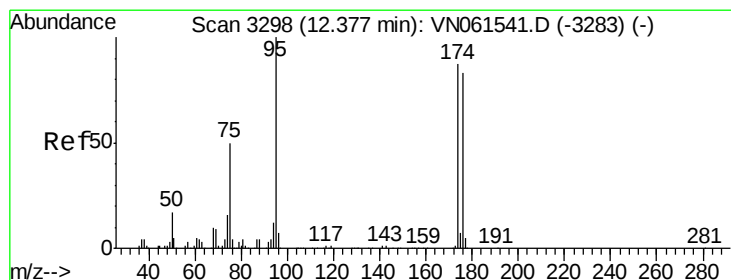
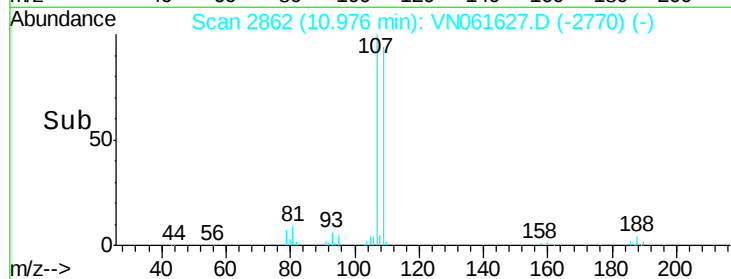
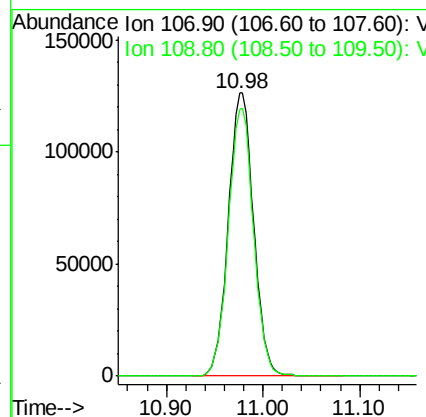
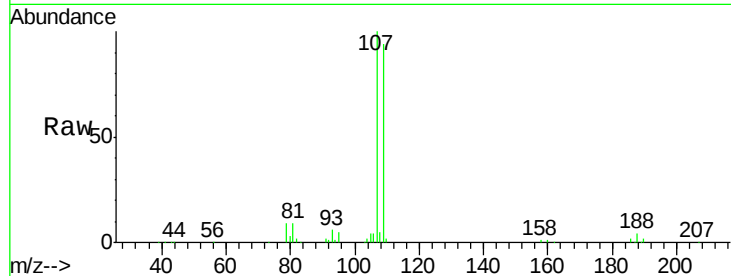
#61
 1,2-Dibromoethane
 Concen: 52.076 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	228996		
109	94.7	76.1	114.1	

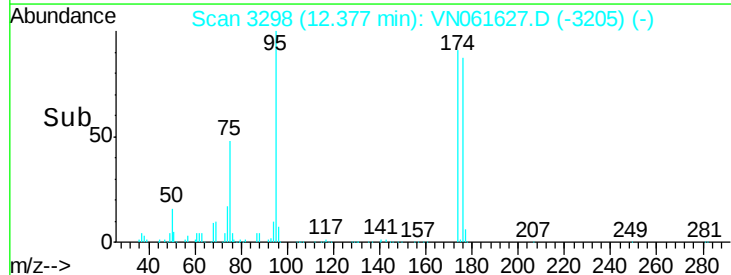
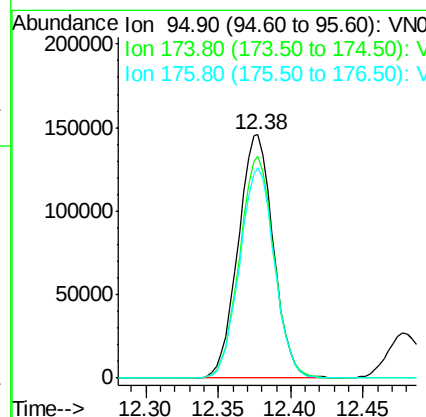
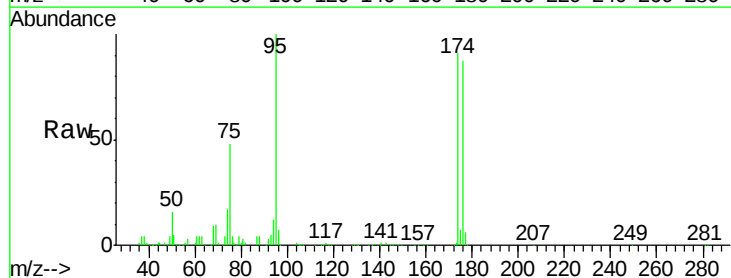
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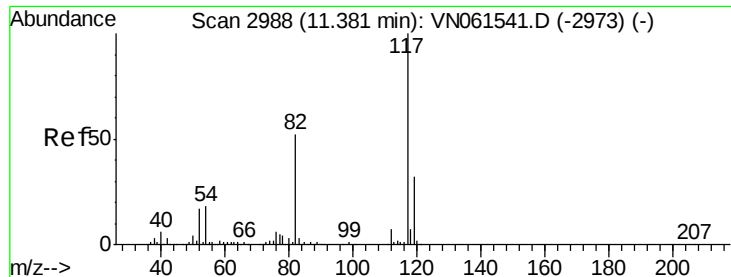
MMDadoda
 6/4/2020 3:08:08 PM



#62
 4-Bromofluorobenzene
 Concen: 48.249 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	245649		
174	89.8	0.0	172.8	
176	85.7	0.0	164.8	





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

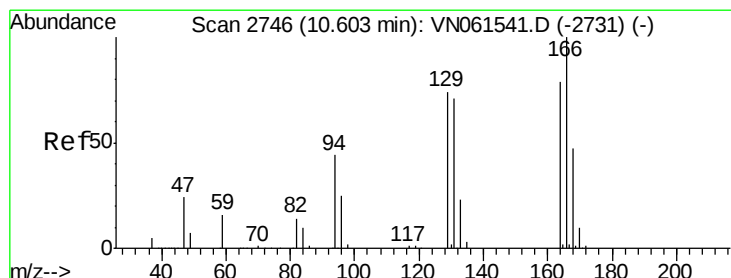
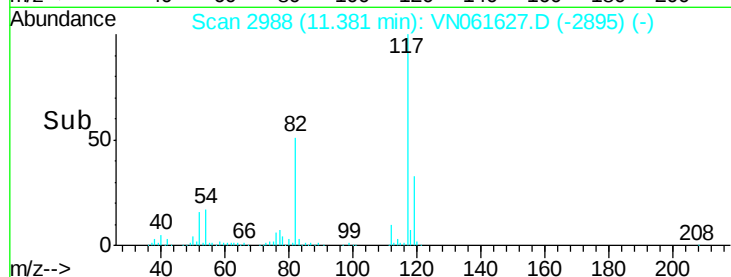
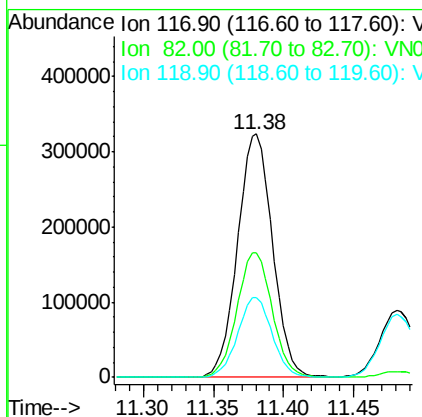
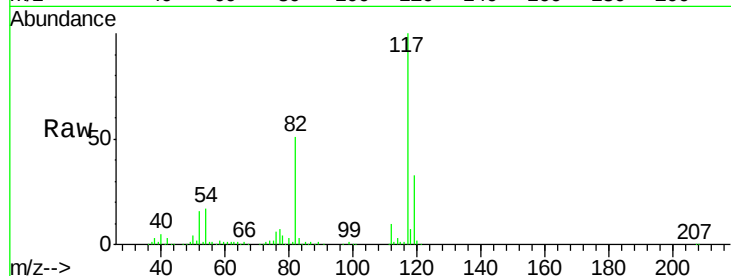
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	564269
Ion Ratio	Lower	Upper	
117	100		
82	51.1	41.5	62.3
119	33.0	25.6	38.4

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#64

Tetrachloroethene

Concen: 54.828 ug/l

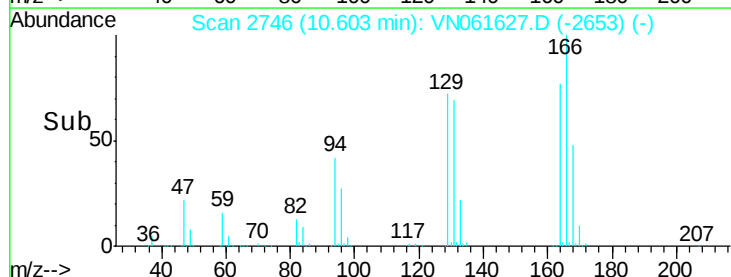
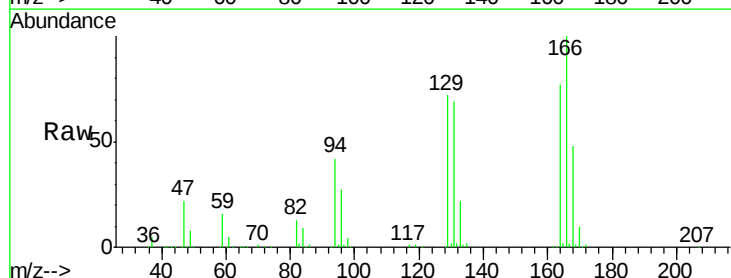
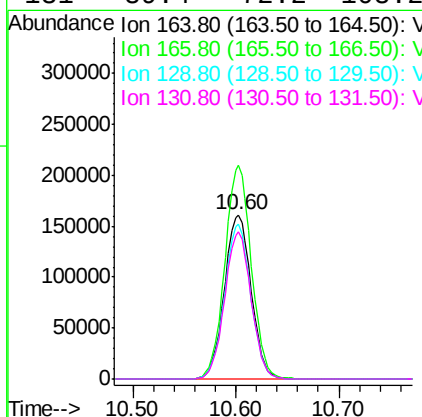
RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Tgt Ion:	164	Resp:	291223
Ion Ratio	Lower	Upper	
164	100		
166	130.1	101.5	152.3
129	94.0	74.9	112.3
131	89.4	72.2	108.2





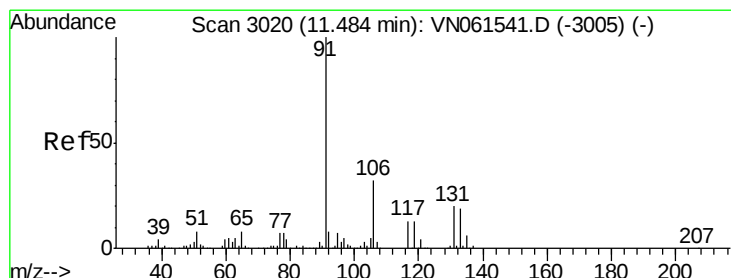
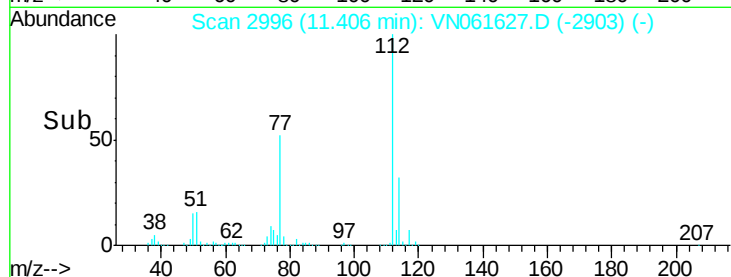
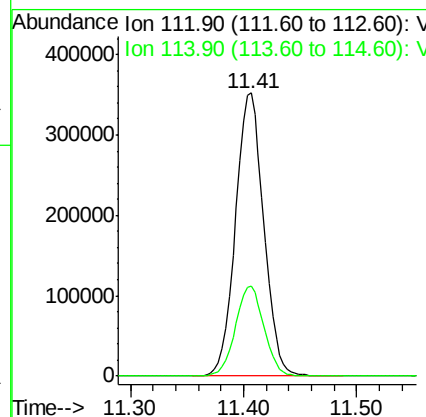
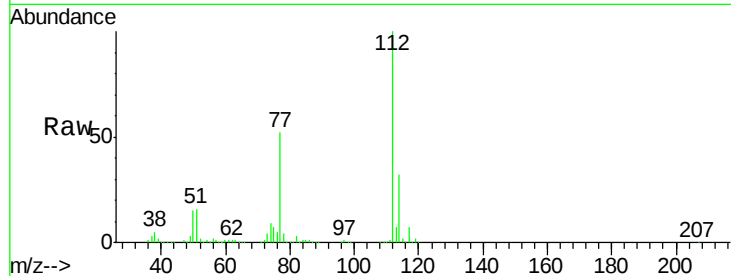
#65
Chlorobenzene
Concen: 52.131 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 611449
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

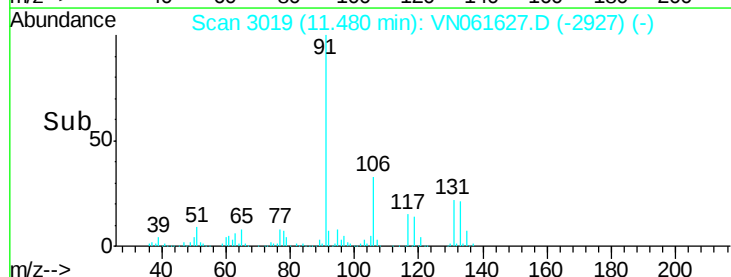
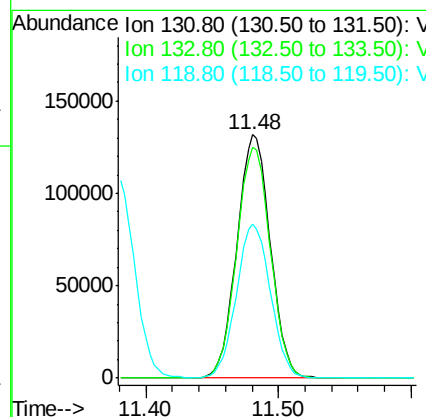
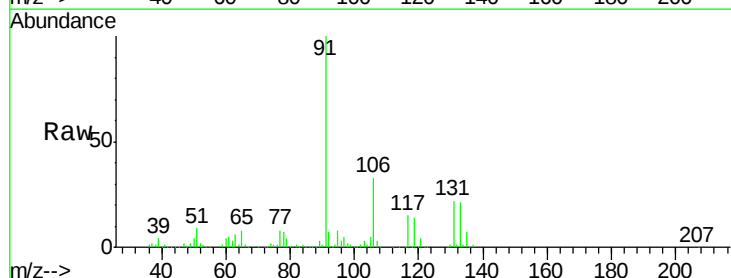
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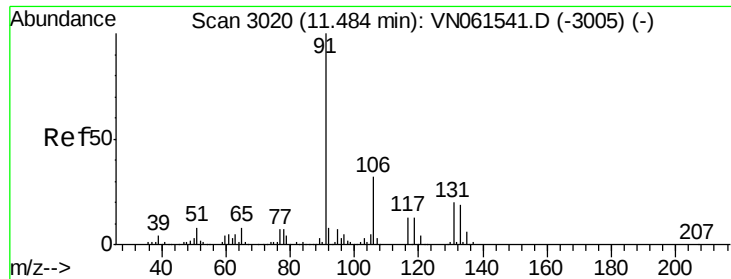
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.652 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion:131 Resp: 229949
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.2
119 64.8 32.6 97.8





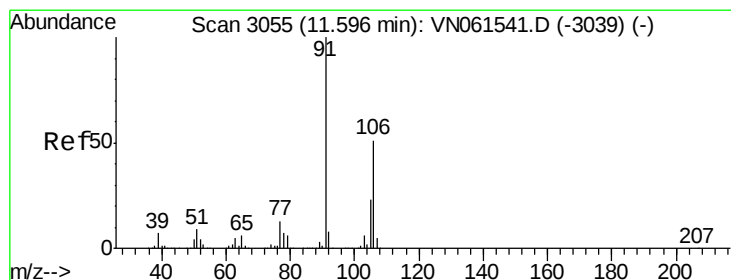
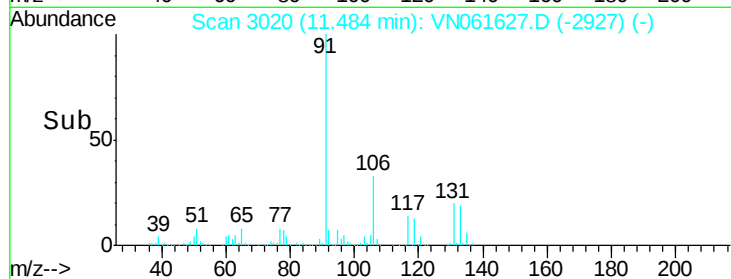
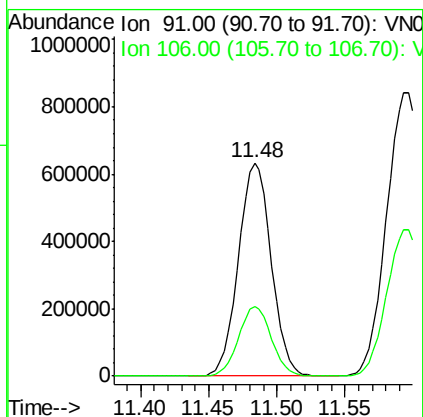
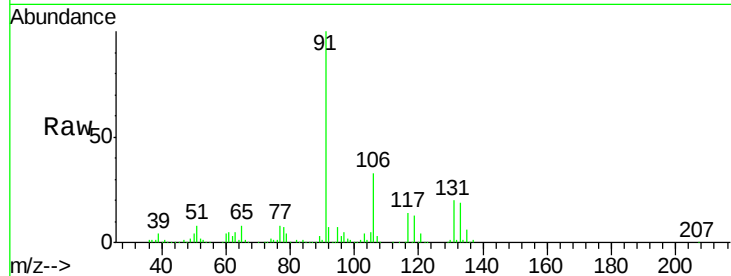
#67
Ethyl Benzene
Concen: 52.079 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1055770
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4

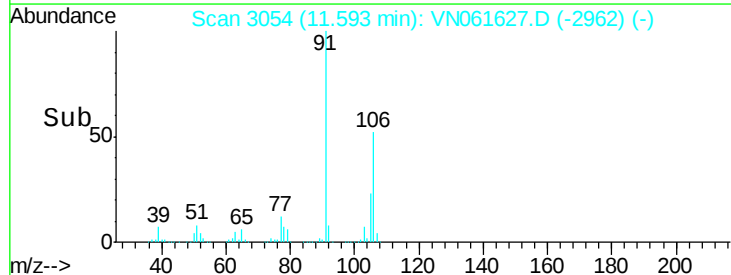
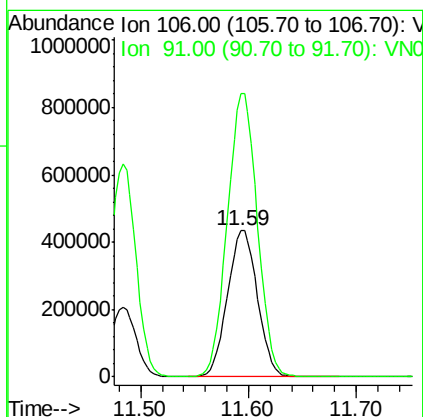
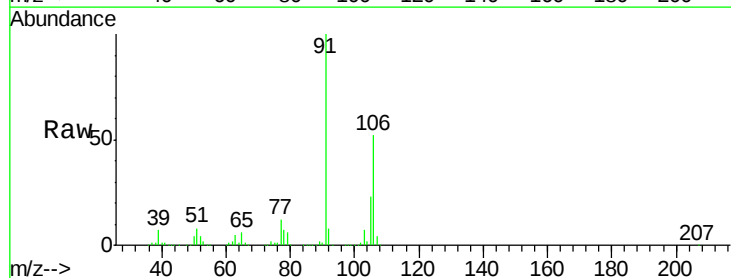
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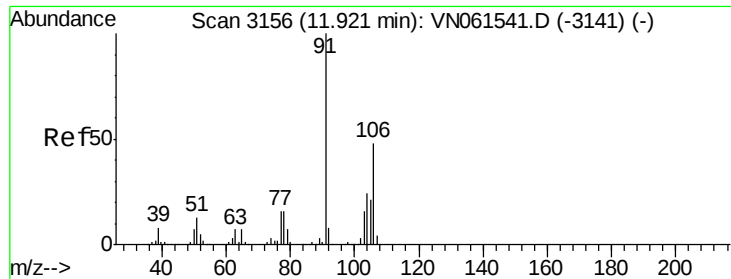
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#68
m/p-Xylenes
Concen: 104.433 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion: 106 Resp: 839443
Ion Ratio Lower Upper
106 100
91 193.9 156.2 234.4





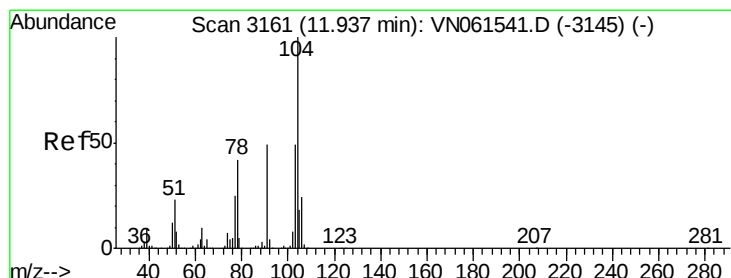
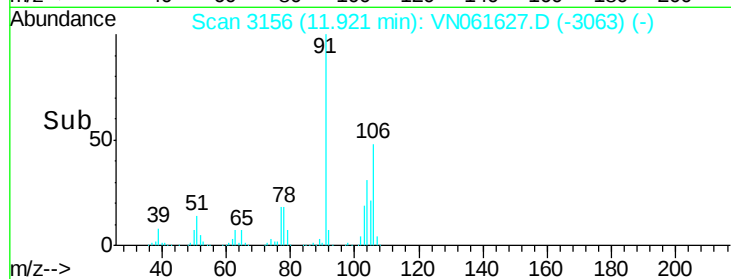
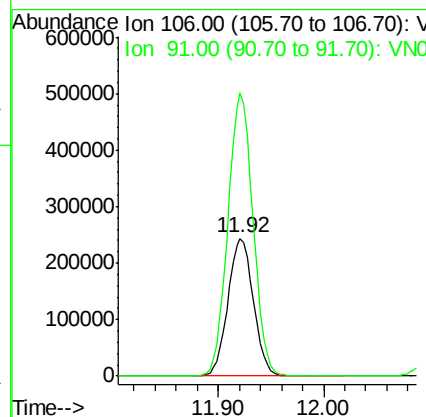
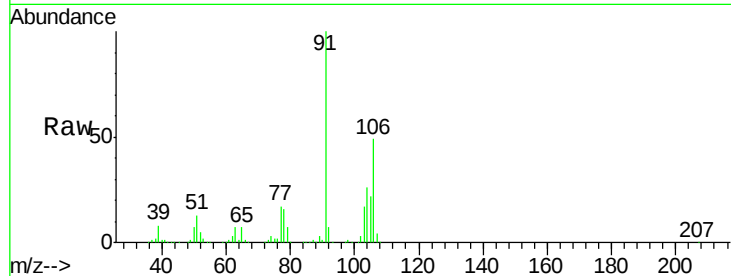
#69
o-Xylene
Concen: 53.013 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	203.8	103.3	404737	309.8	

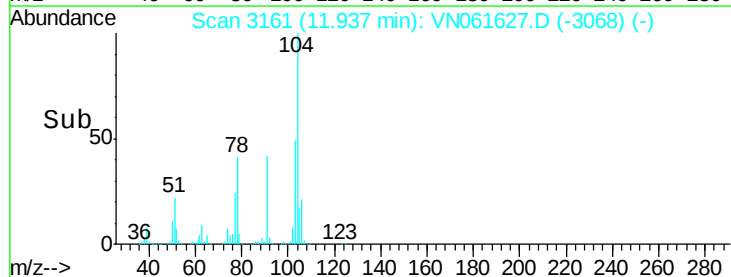
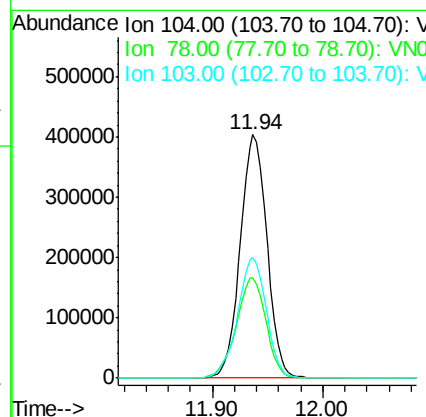
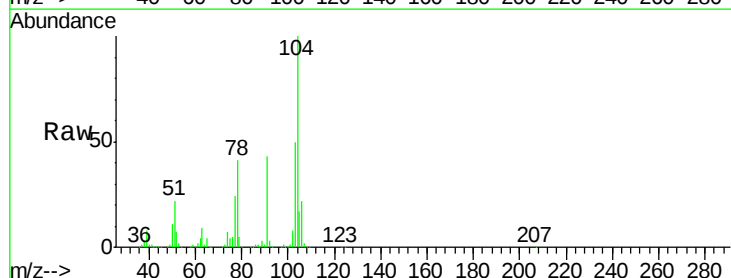
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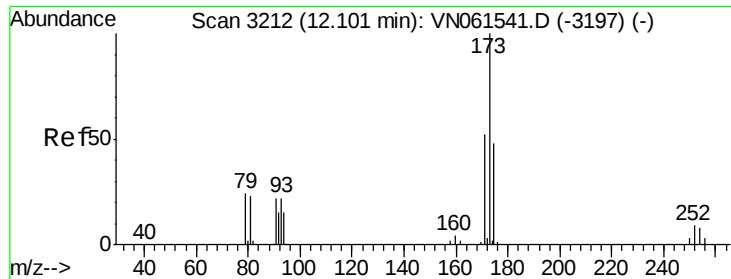
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#70
Styrene
Concen: 53.784 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	45.8	37.4	680003	56.0	
103	53.4	42.3		63.5	





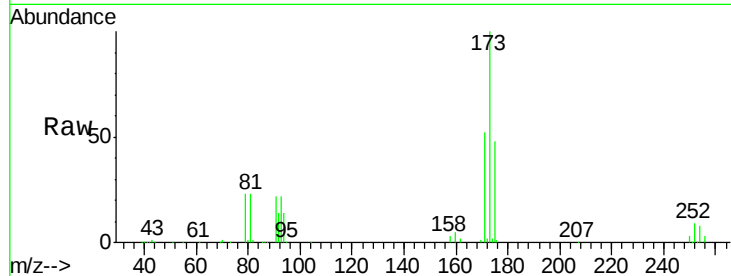
#71
Bromoform
Concen: 53.512 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

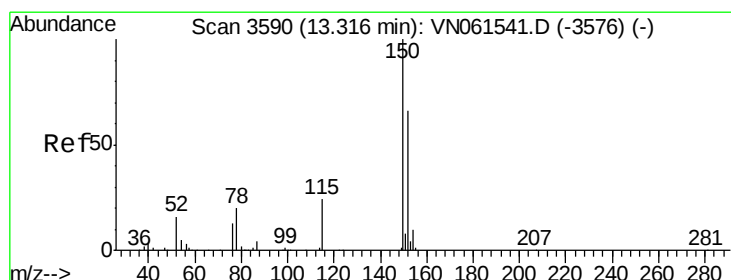
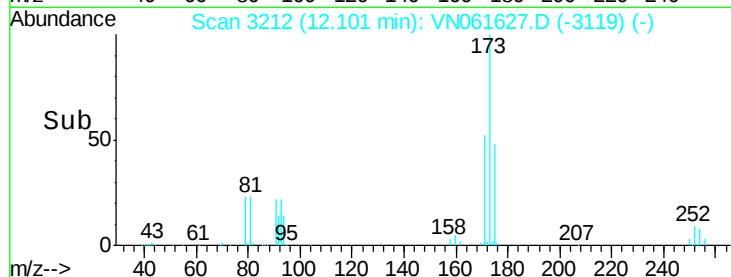
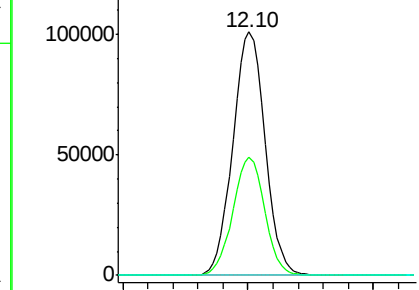
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.4	73.2
254	0.0	0.0	0.0#

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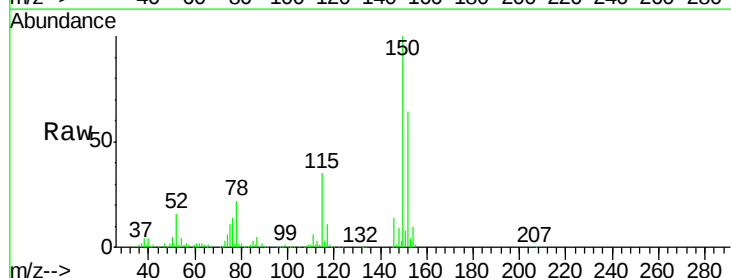


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

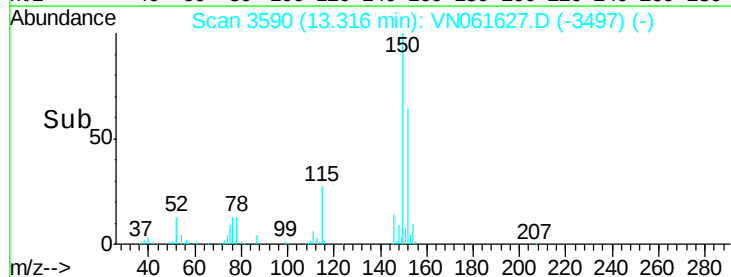
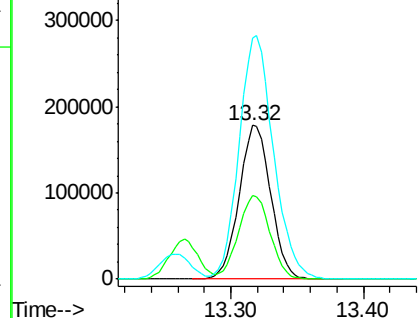


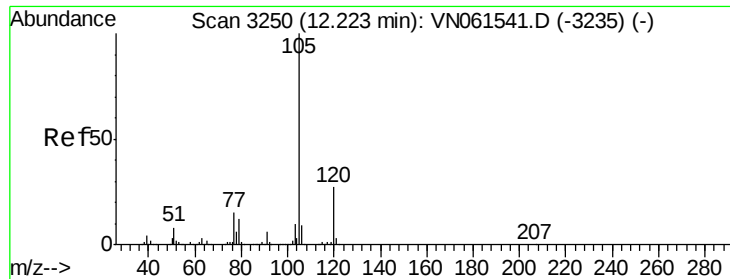
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.0	84.0
150	172.9	0.0	344.0



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: 49.458 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1063286

Ion Ratio Lower Upper

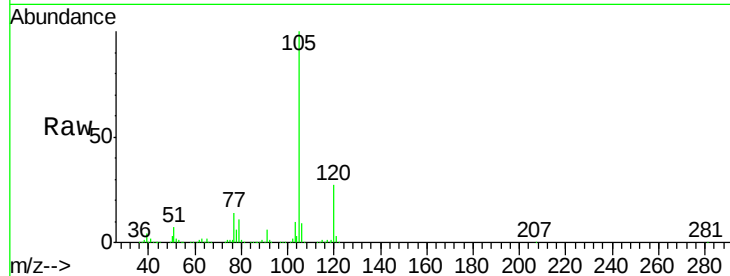
105 100

120 27.5 13.8 41.3

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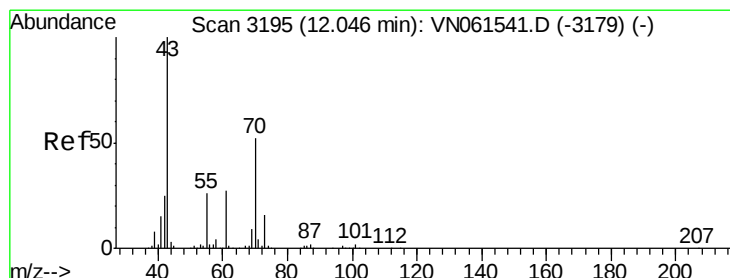
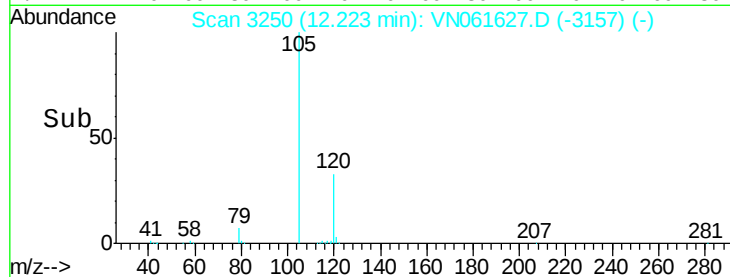
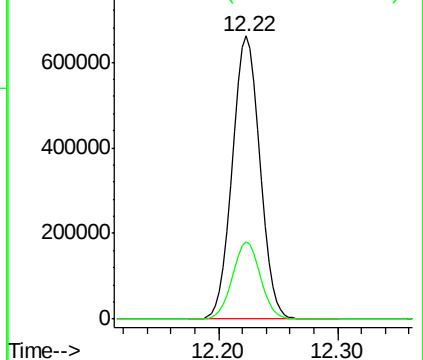
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.925 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Tgt Ion: 43 Resp: 304169

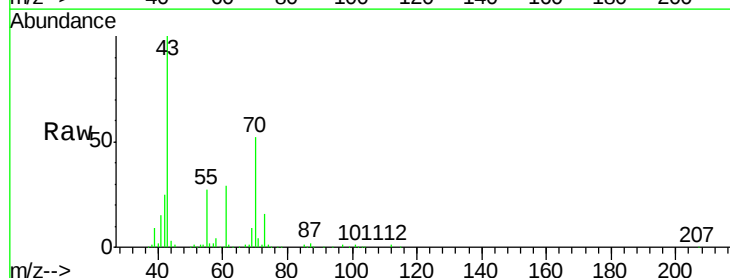
Ion Ratio Lower Upper

43 100

70 52.0 40.5 60.7

55 27.1 20.6 31.0

61 28.5 21.8 32.6

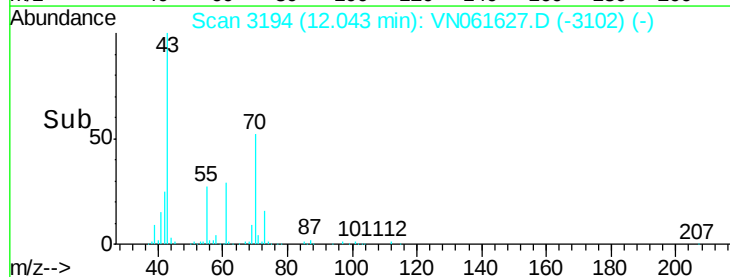
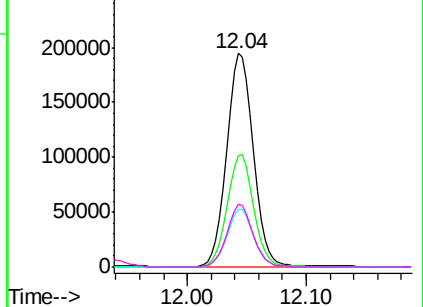


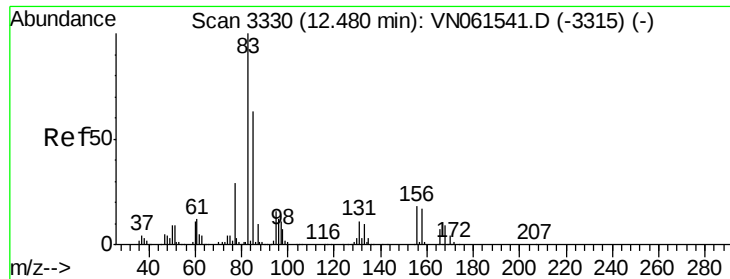
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 44.023 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

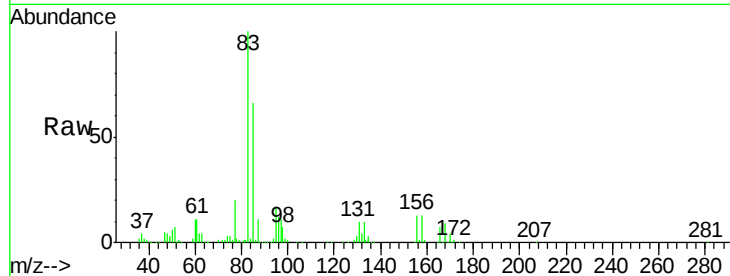
ClientSampleId :

VSTDCCC050

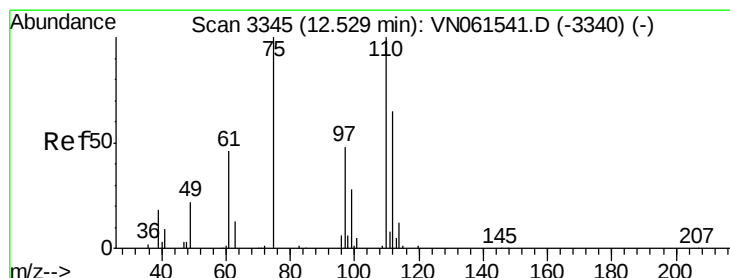
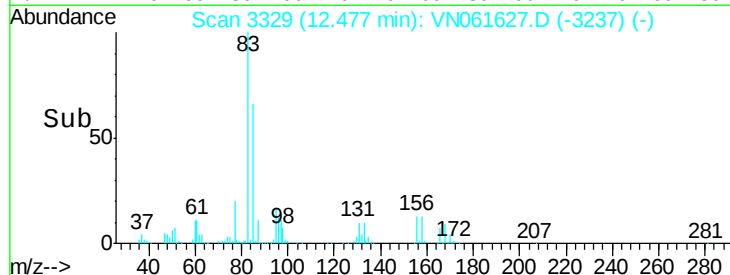
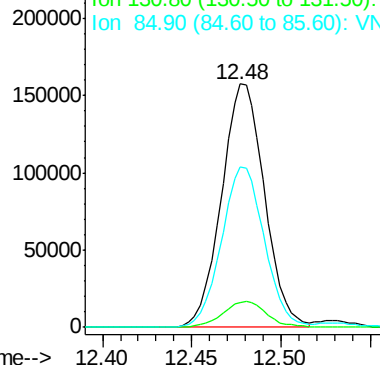
Tot Ion:	83	Resp:	265226
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.5
85	65.7	32.1	96.3

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Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 43.441 ug/l m

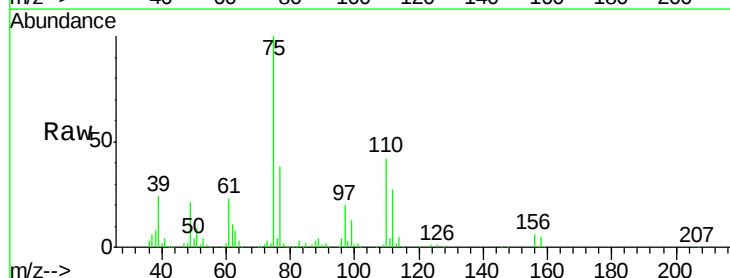
RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

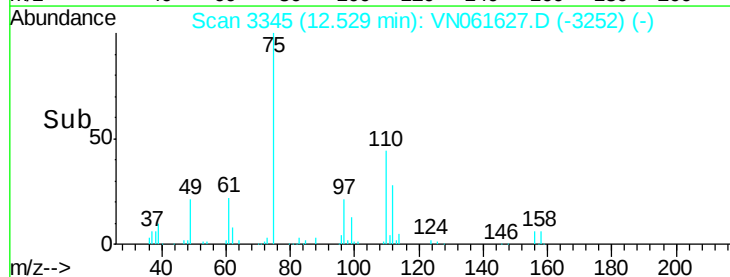
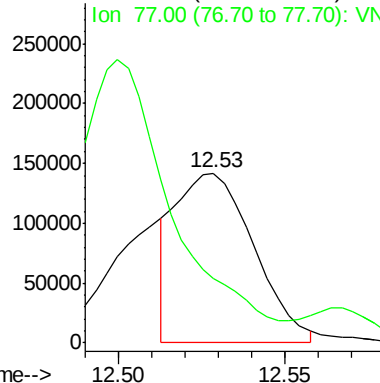
Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Tgt Ion:	75	Resp:	232680
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)





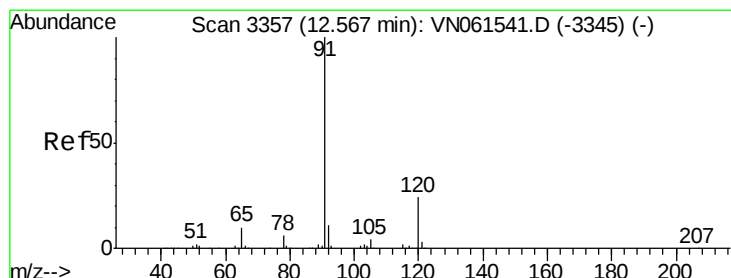
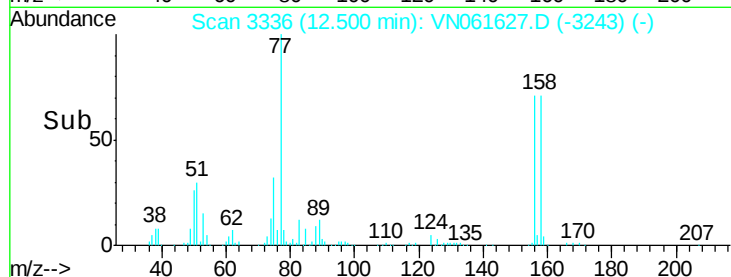
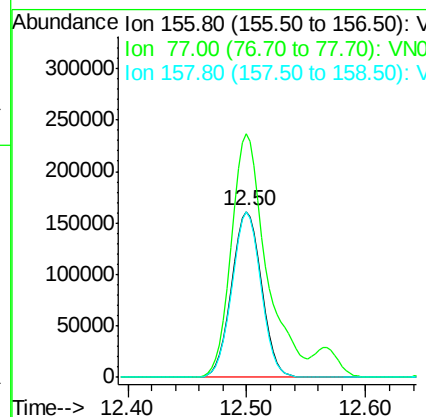
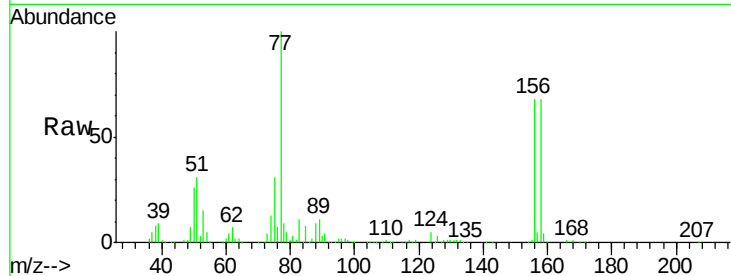
#77
Bromobenzene
Concen: 51.035 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		280069		
77	172.6	90.9	272.7		
158	97.1	48.4	145.3		

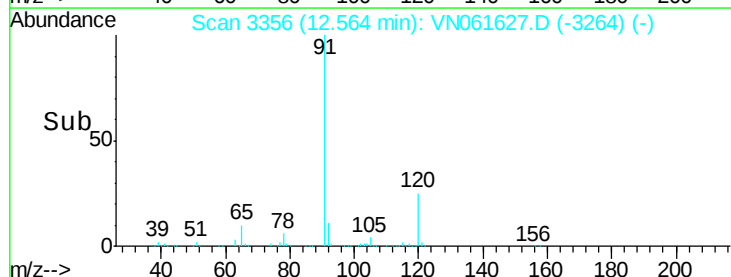
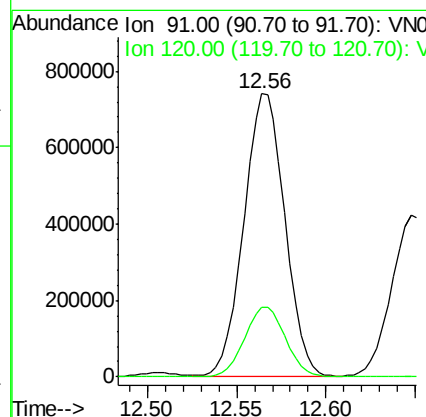
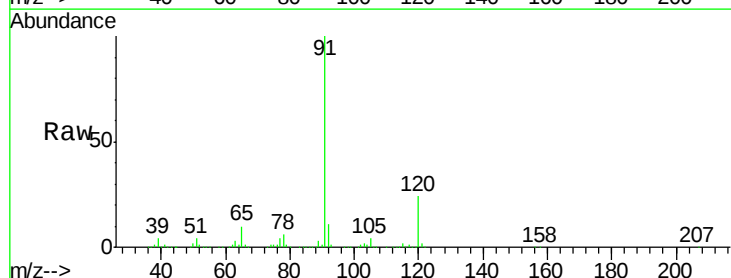
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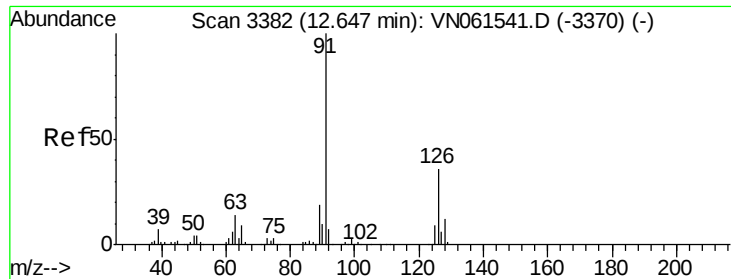
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6/4/2020 3:08:08 PM



#78
n-propylbenzene
Concen: 49.340 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1184212		
120	24.9	12.3	36.9		





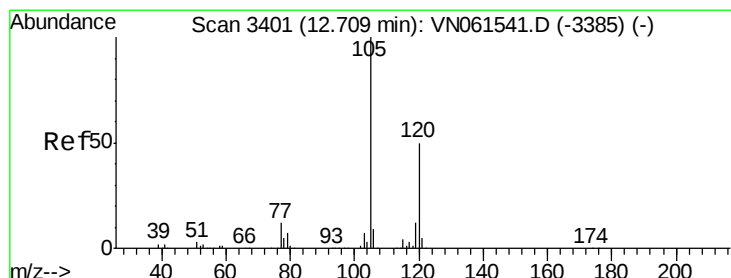
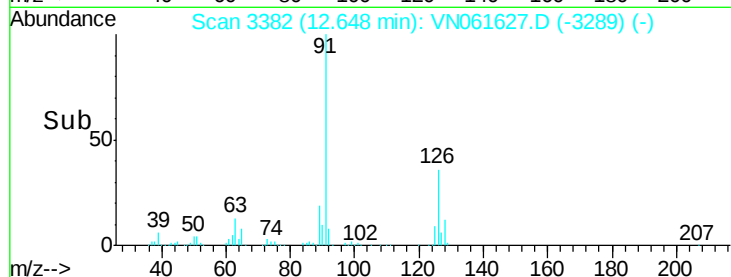
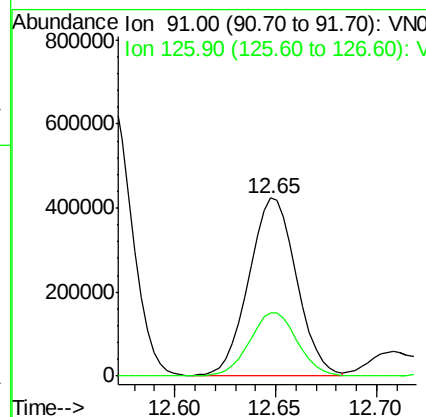
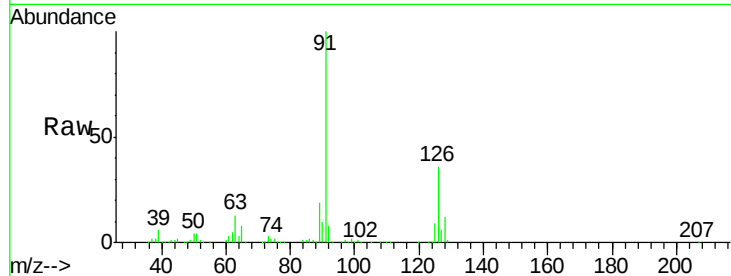
#79
 2-Chlorotoluene
 Concen: 48.633 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 696000
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.9 53.7

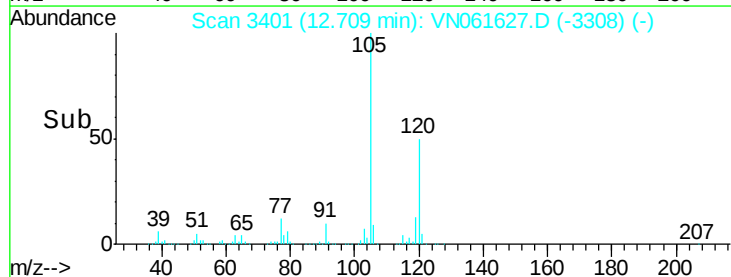
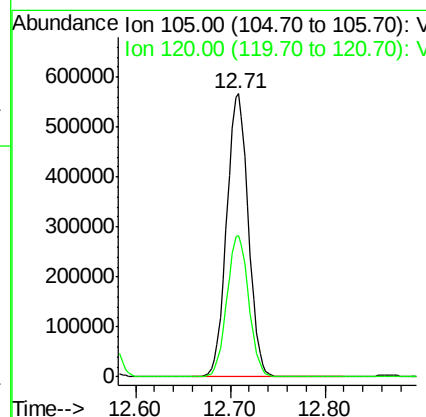
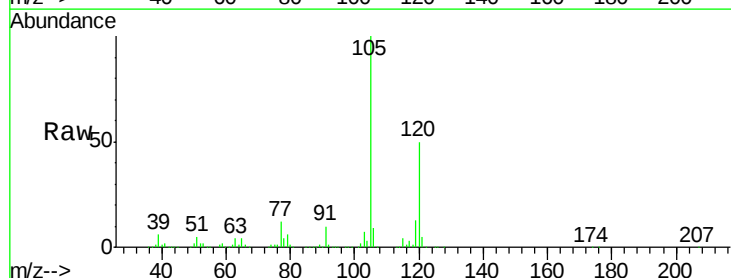
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.003 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion: 105 Resp: 898509
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.499 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

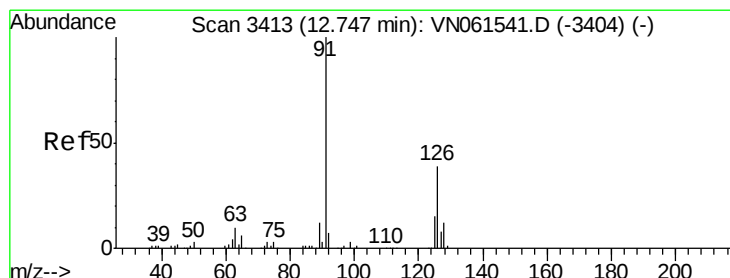
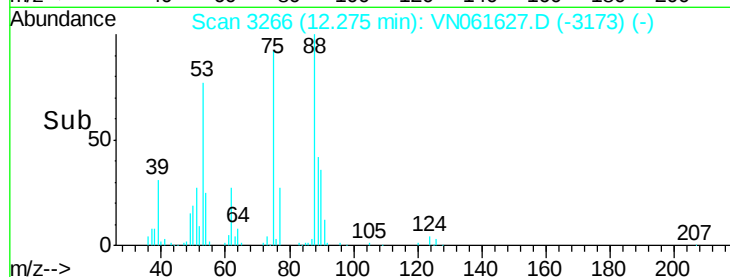
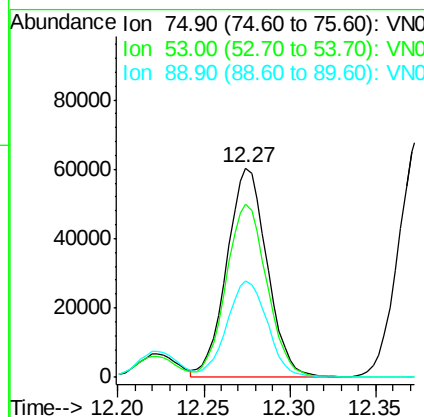
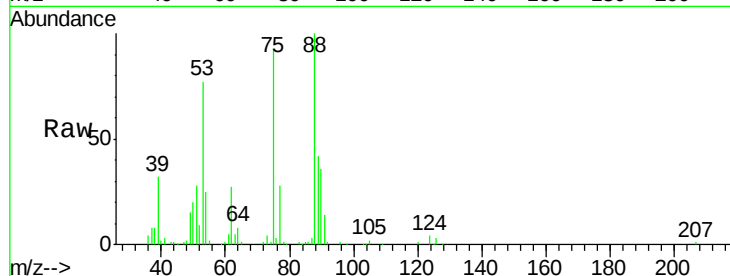
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	97393
Ion	Ratio	Lower	Upper
75	100		
53	85.0	67.8	101.8
89	46.9	37.1	55.7

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#82

4-Chlorotoluene

Concen: 48.601 ug/l

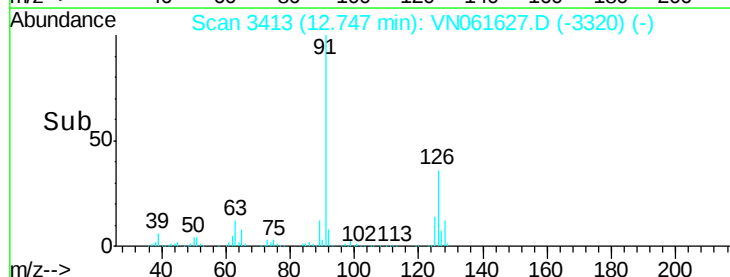
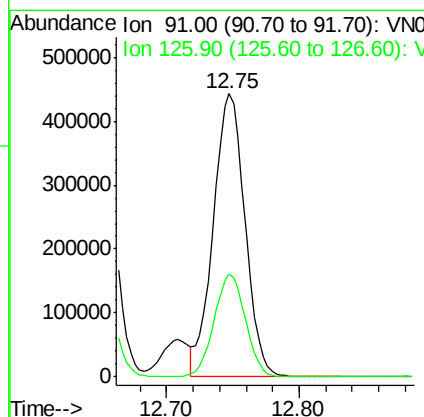
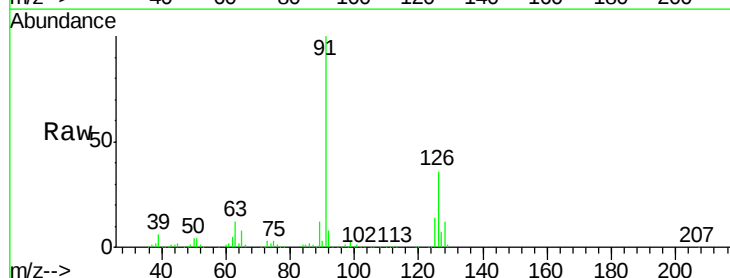
RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Tgt Ion:	91	Resp:	731720
Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.5	52.6





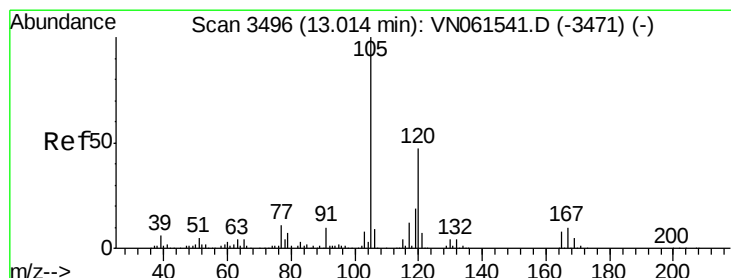
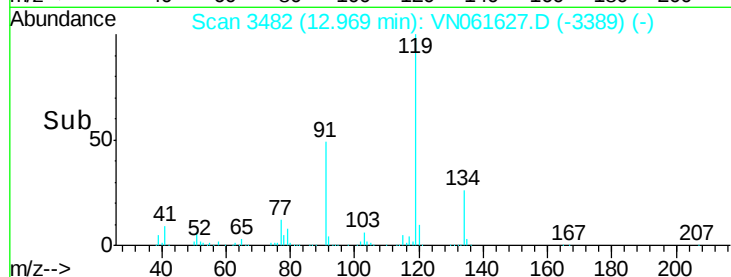
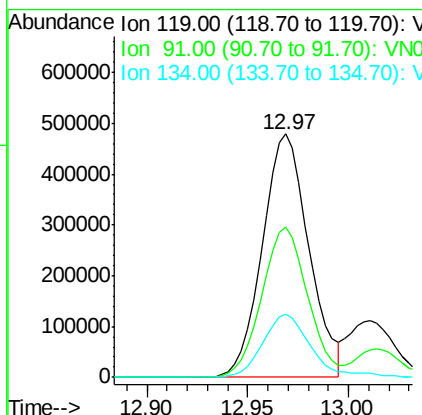
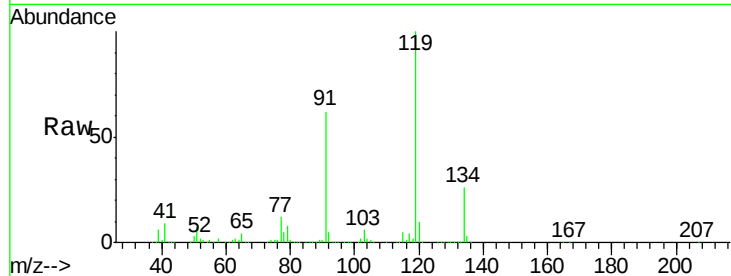
#83
 tert-Butylbenzene
 Concen: 48.393 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	768320		
91	61.2		31.3	93.8
134	26.8		13.5	40.4

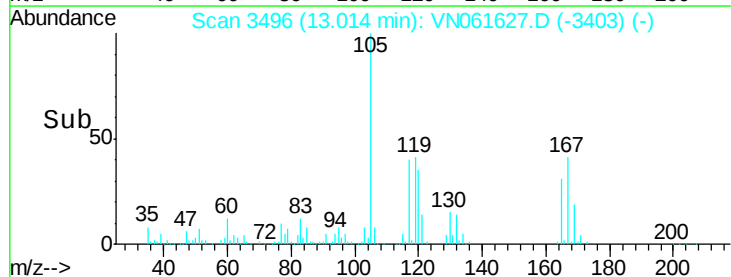
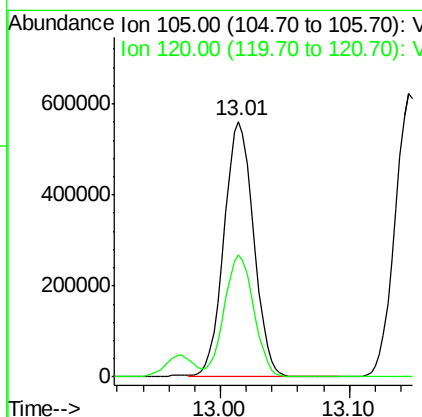
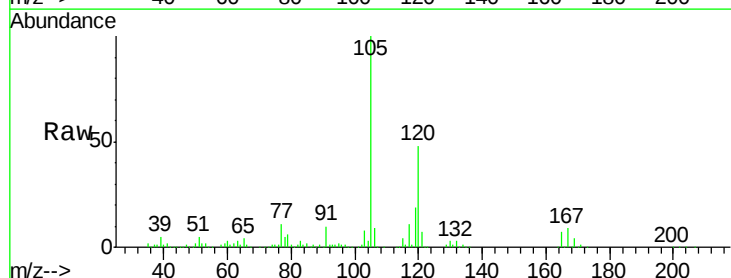
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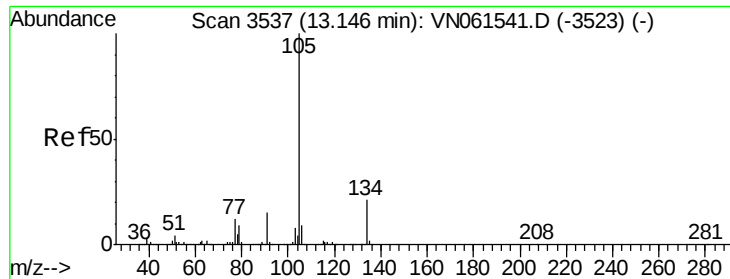
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.943 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	891535		
120	47.9		23.2	69.5





#85

sec-Butylbenzene

Concen: 48.476 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 991736

Ion Ratio Lower Upper

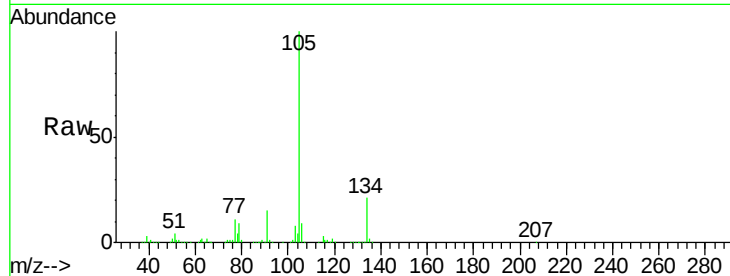
105 100

134 21.0 10.7 31.9

Manual Integrations
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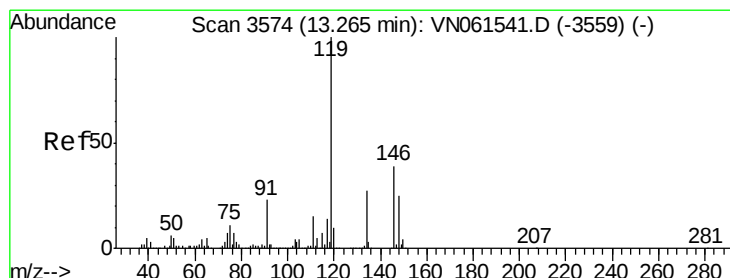
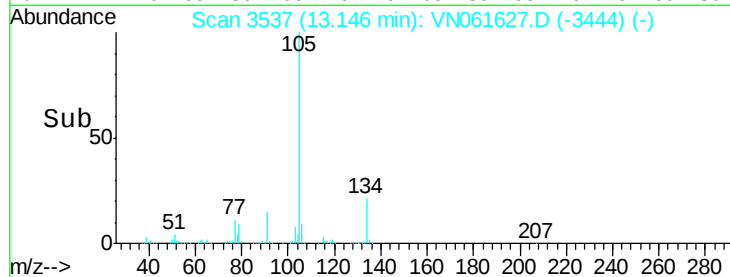
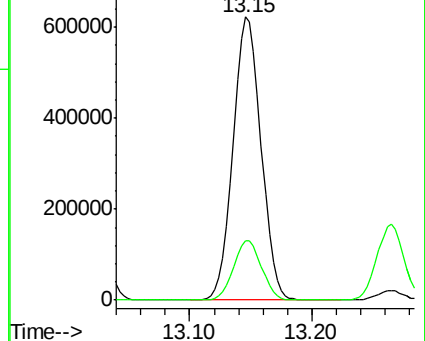
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.637 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

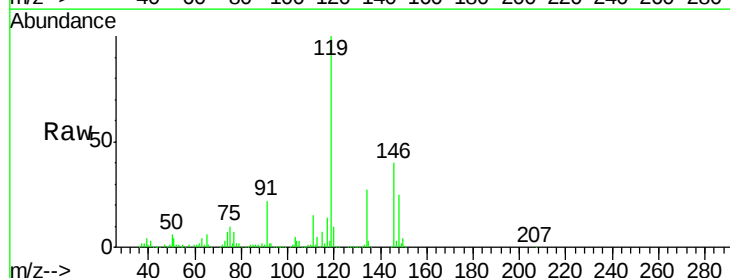
Tgt Ion:119 Resp: 935177

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

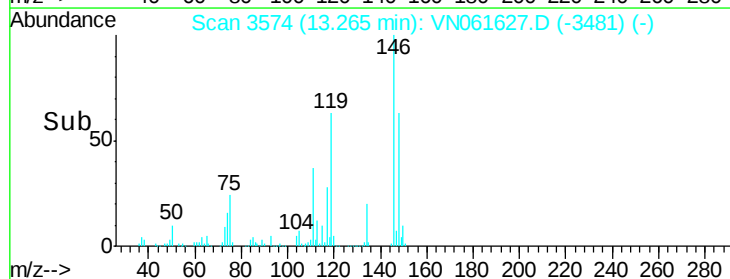
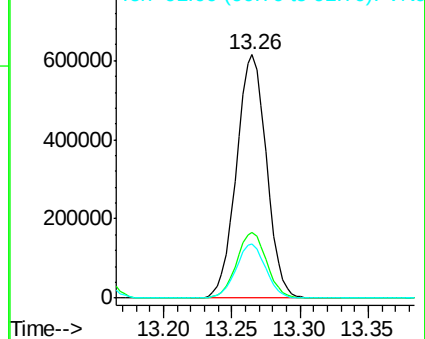
91 21.9 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





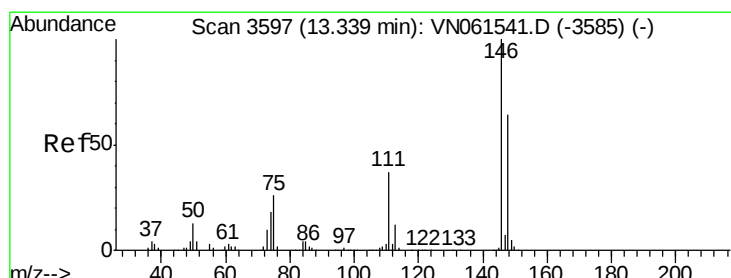
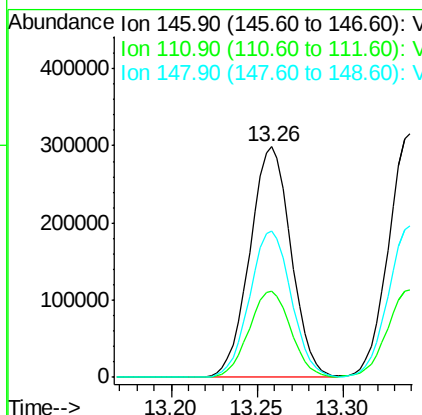
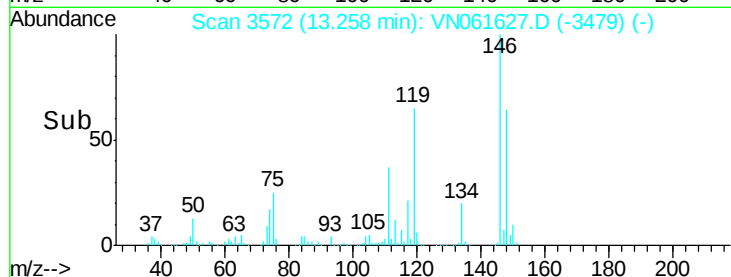
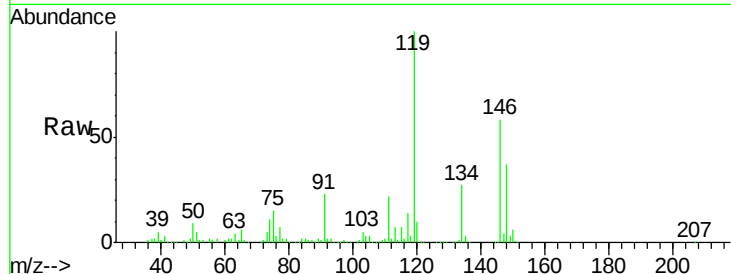
#87
 1,3-Dichlorobenzene
 Concen: 51.143 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.2	57.6
148	64.0	31.7	95.1

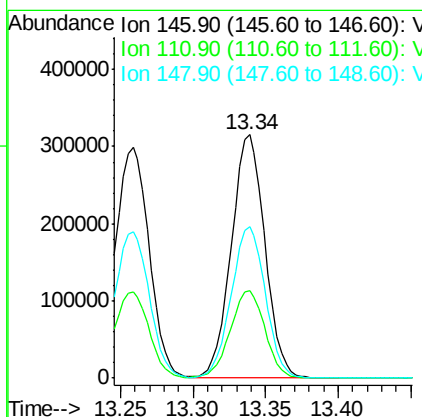
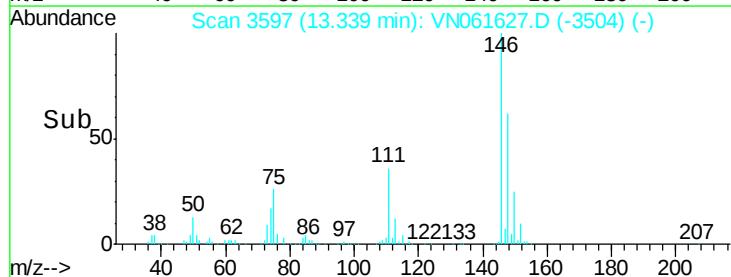
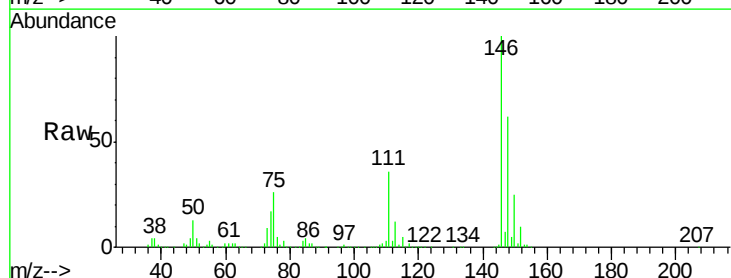
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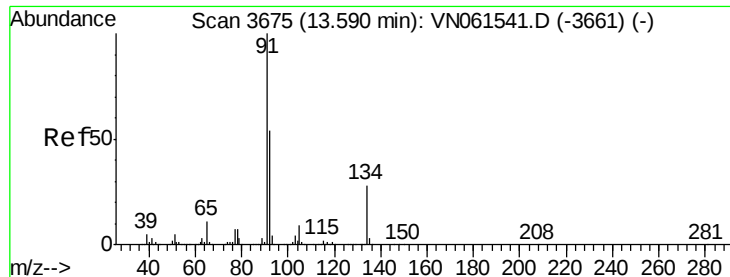
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 6/4/2020 3:08:08 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.946 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.9
148	63.9	31.8	95.3





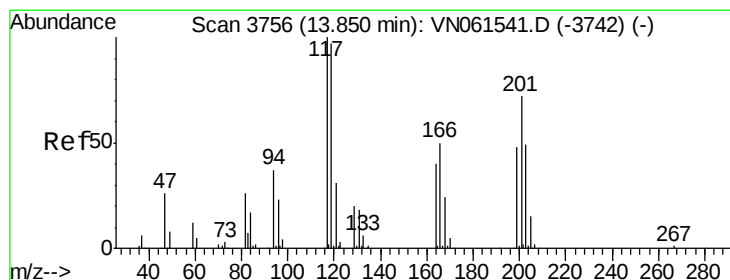
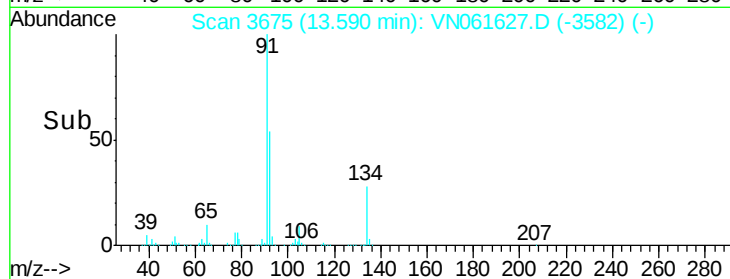
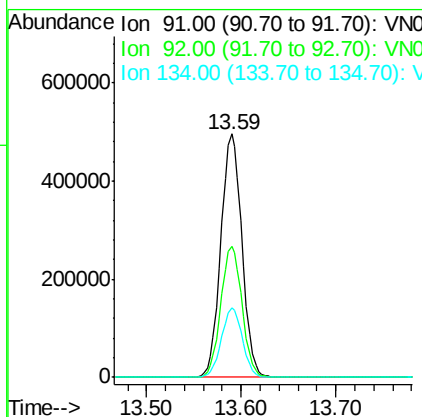
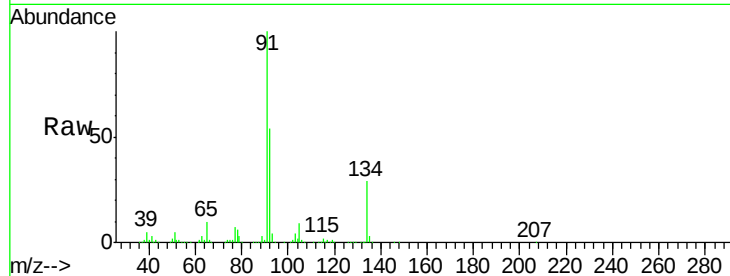
#89
n-Butylbenzene
Concen: 48.659 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.6
134	28.3	14.0	42.0

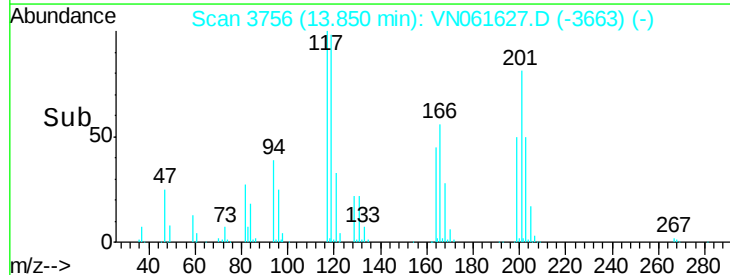
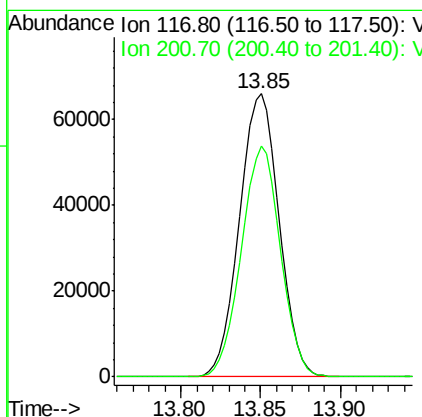
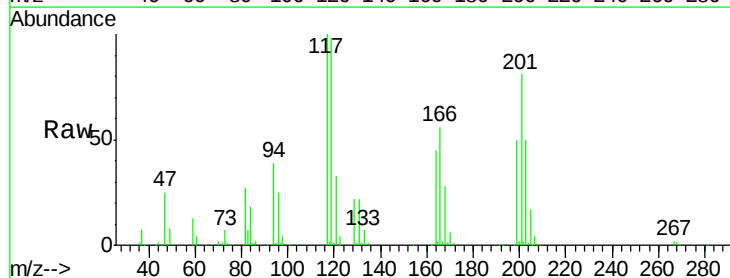
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#90
Hexachloroethane
Concen: 53.506 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.4	36.7	110.1





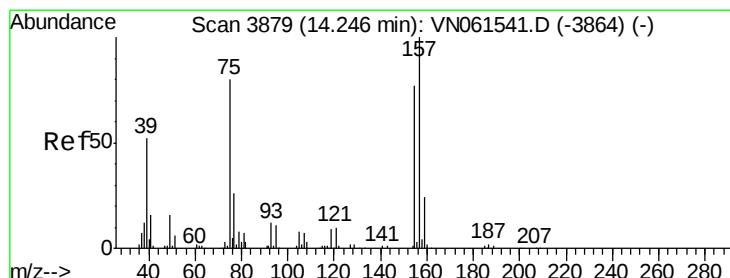
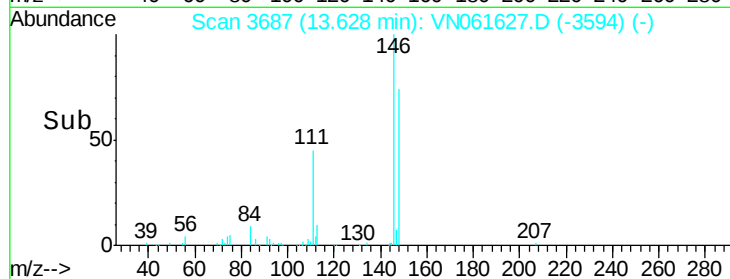
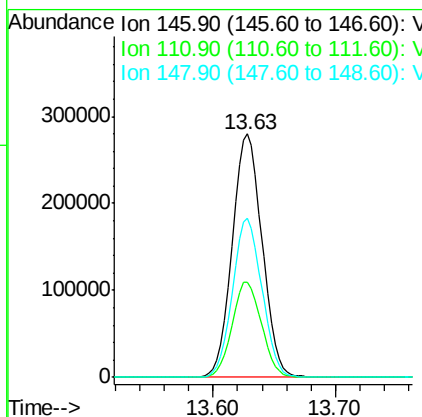
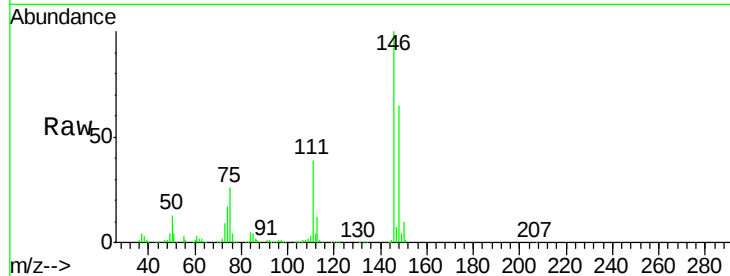
#91
 1,2-Dichlorobenzene
 Concen: 51.249 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.1	60.2
148	64.2	31.9	95.5

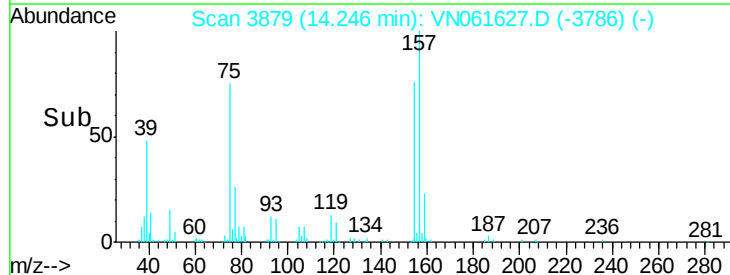
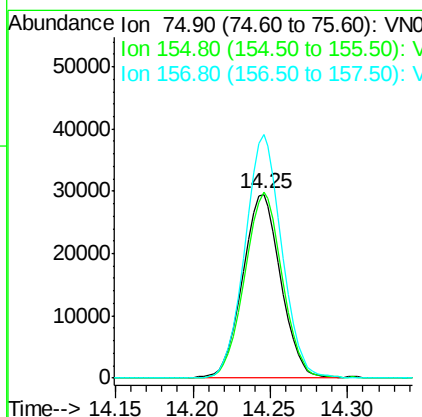
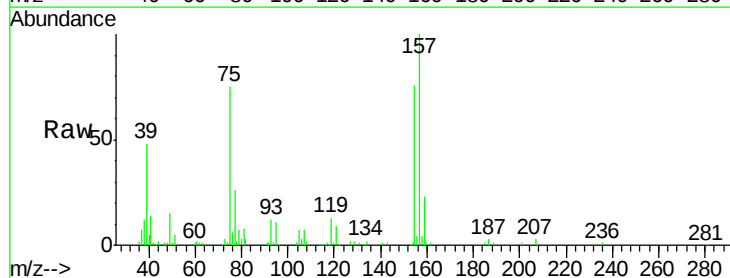
Manual Integrations
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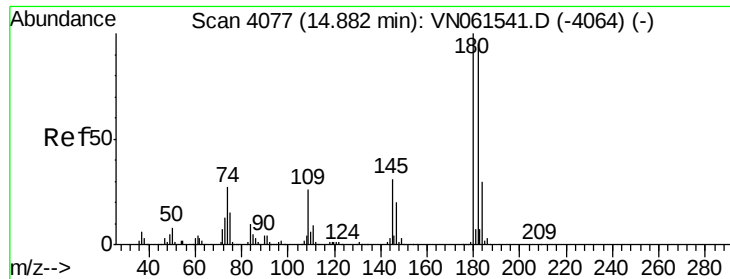
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.191 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	47.1	141.4
157	127.9	60.3	180.8





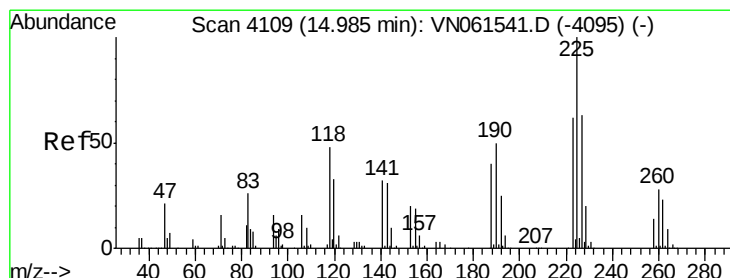
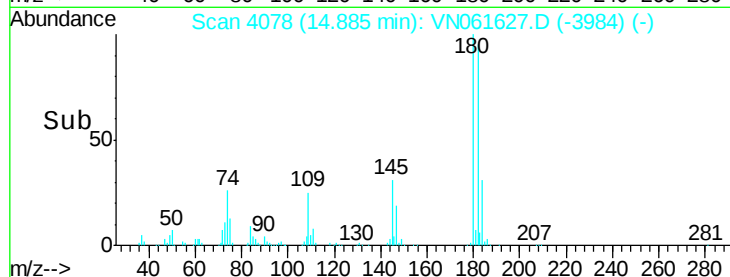
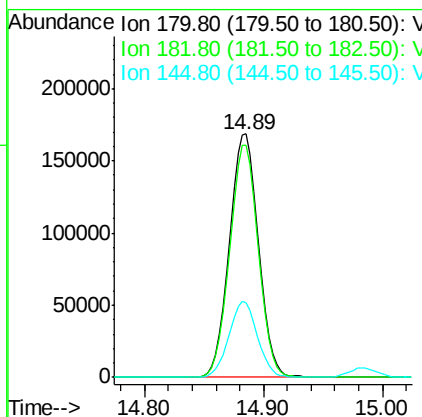
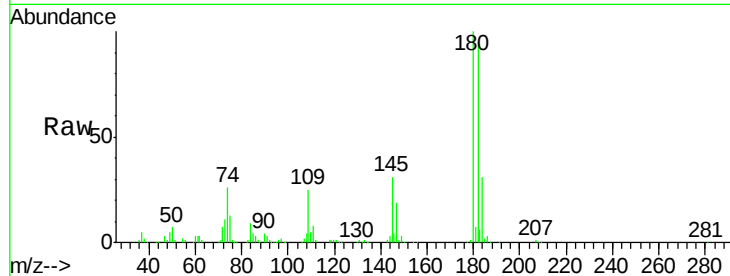
#93
 1,2,4-Trichlorobenzene
 Concen: 52.373 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	284452		
182	94.0	47.8	143.3	
145	30.8	15.5	46.5	

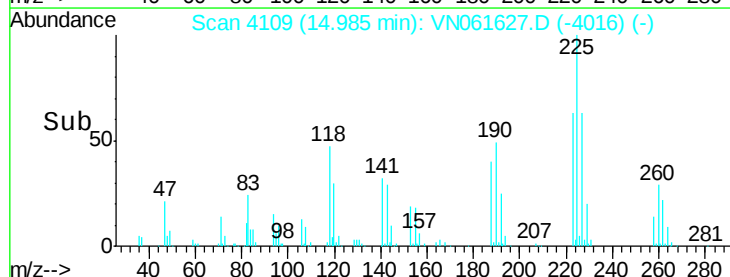
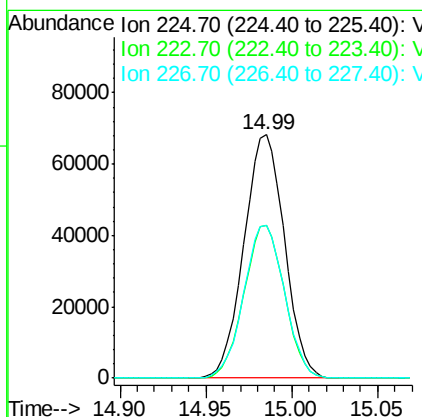
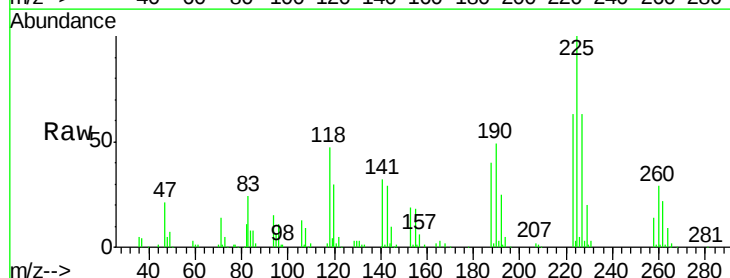
Manual Integrations
 APPROVED

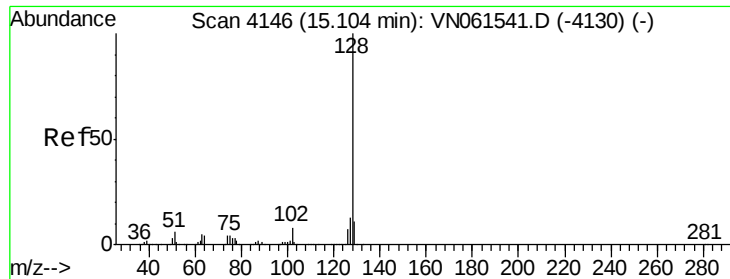
MMDadoda
 6/4/2020 3:08:08 PM



#94
 Hexachlorobutadiene
 Concen: 48.203 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111658		
223	62.5	31.9	95.5	
227	62.8	31.9	95.9	





#95

Naphthalene

Concen: 48.356 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

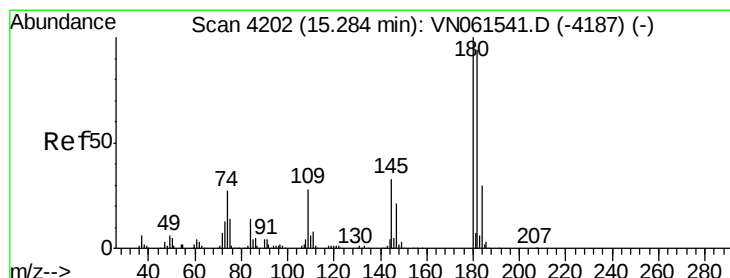
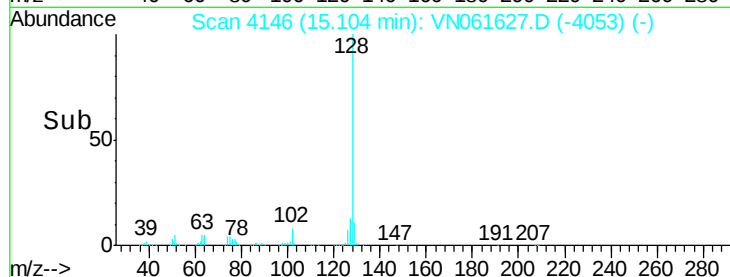
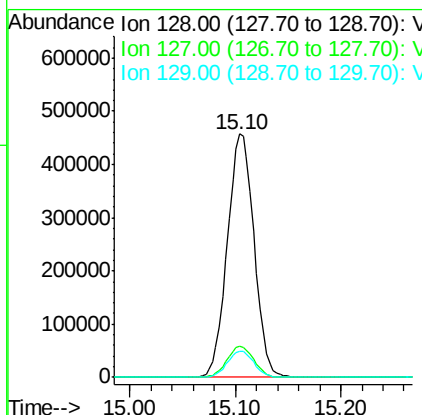
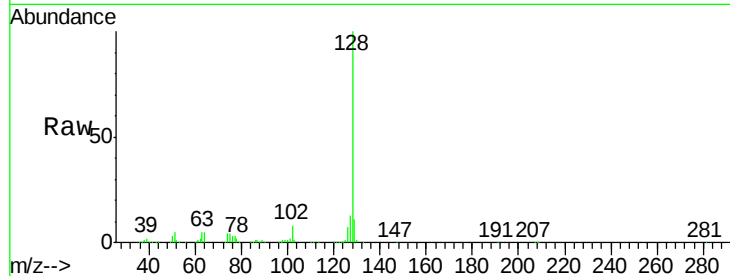
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	799404
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.0	15.0
129	10.8	8.5	12.7

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 50.537 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Tgt Ion:	180	Resp:	269872
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.1	141.3
145	32.4	16.3	48.9

