

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061642.D
 Acq On : 3 Jun 2020 17:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:08:18 PM

Quant Time: Jun 04 08:28:21 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	7.63	168	334117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	552287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	533434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	276446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	196052	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	7.55	113	143457	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	10.06	98	673713	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.37	95	245064	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	182718	47.425	ug/l	98
3) Chloromethane	2.03	50	191825	47.072	ug/l	99
4) Vinyl Chloride	2.16	62	267565	47.913	ug/l	99
5) Bromomethane	2.53	94	162234	50.628	ug/l	100
6) Chloroethane	2.67	64	171639	47.750	ug/l	99
7) Trichlorofluoromethane	2.98	101	401361	55.734	ug/l	99
8) Diethyl Ether	3.37	74	98792	44.864	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	155579	48.685	ug/l	98
10) Methyl Iodide	3.91	142	206701	46.595	ug/l	99
11) Tert butyl alcohol	4.74	59	119533	225.751	ug/l	99
12) 1,1-Dichloroethene	3.69	96	157017	45.991	ug/l	96
13) Acrolein	3.57	56	37543	244.031	ug/l	94
14) Allyl chloride	4.28	41	197304	44.205	ug/l	98
15) Acrylonitrile	4.93	53	338263	228.878	ug/l	100
16) Acetone	3.77	43	251385	228.605	ug/l	99
17) Carbon Disulfide	4.01	76	325925	43.391	ug/l	96
18) Methyl Acetate	4.28	43	161414	44.792	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	534935	45.974	ug/l	99
20) Methylene Chloride	4.50	84	177982	49.161	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	178181	46.278	ug/l	96
22) Diisopropyl ether	5.90	45	456731	46.428	ug/l	99
23) Vinyl Acetate	5.84	43	1672246	213.277	ug/l	98
24) 1,1-Dichloroethane	5.80	63	294443	47.200	ug/l	99
25) 2-Butanone	6.78	43	406915	215.685	ug/l	98
26) 2,2-Dichloropropane	6.77	77	270379	47.355	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	210388	48.256	ug/l	100
28) Bromochloromethane	7.15	49	115514	49.307	ug/l	95
29) Tetrahydrofuran	7.16	42	266792	214.452	ug/l	96
30) Chloroform	7.33	83	332603	48.194	ug/l	98
31) Cyclohexane	7.61	56	248682	44.326	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	306931	48.808	ug/l	99
36) 1,1-Dichloropropene	7.75	75	237272	48.530	ug/l	99
37) Ethyl Acetate	6.88	43	181892	46.190	ug/l	98
38) Carbon Tetrachloride	7.73	117	242982	51.523	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	278722	46.251	ug/l	98
40) Benzene	8.00	78	741038	49.123	ug/l	100
41) Methacrylonitrile	7.12	41	73530	40.755	ug/l	95
42) 1,2-Dichloroethane	8.09	62	242917	48.099	ug/l	100
43) Isopropyl Acetate	8.13	43	317407	44.802	ug/l	97
44) Trichloroethene	8.80	130	230373	49.691	ug/l	98
45) 1,2-Dichloropropane	9.09	63	174234	48.640	ug/l	98
46) Dibromomethane	9.18	93	133063	48.435	ug/l	99
47) Bromodichloromethane	9.37	83	268397	49.311	ug/l	99
48) Methyl methacrylate	9.17	41	137661	43.187	ug/l	96
49) 1,4-Dioxane	9.16	88	51639	1045.741	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	915650	229.347	ug/l	99
52) Toluene	10.12	92	496648	50.442	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	286602	48.879	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	306903	48.679	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	194393	49.556	ug/l	97
56) Ethyl methacrylate	10.40	69	270428	49.351	ug/l	96
57) 1,3-Dichloropropane	10.68	76	309394	49.315	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	533685	227.905	ug/l	100
59) 2-Hexanone	10.72	43	648212	226.074	ug/l	98
60) Dibromochloromethane	10.87	129	226769	50.850	ug/l	99
61) 1,2-Dibromoethane	10.98	107	208016	50.845	ug/l	98
64) Tetrachloroethene	10.60	164	256846	51.151	ug/l	100
65) Chlorobenzene	11.41	112	546031	49.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	203950	49.399	ug/l	98
67) Ethyl Benzene	11.48	91	953122	49.733	ug/l	99
68) m/p-Xylenes	11.59	106	753599	99.173	ug/l	99
69) o-Xylene	11.92	106	359803	49.852	ug/l	99
70) Styrene	11.94	104	608471	50.908	ug/l	99
71) Bromoform	12.10	173	161322	50.708	ug/l #	100
73) Isopropylbenzene	12.22	105	959506	47.555	ug/l	99
74) N-amyl acetate	12.04	43	283920	44.682	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	244865	43.307	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	216402m	43.049	ug/l	
77) Bromobenzene	12.50	156	250317	48.602	ug/l	97
78) n-propylbenzene	12.56	91	1065789	47.316	ug/l	100
79) 2-Chlorotoluene	12.65	91	620069	46.166	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	793578	47.057	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	83605	42.532	ug/l	97
82) 4-Chlorotoluene	12.75	91	651219	46.088	ug/l	99
83) tert-Butylbenzene	12.97	119	688387	46.200	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	804657	48.029	ug/l	98
85) sec-Butylbenzene	13.15	105	887185	46.207	ug/l	99
86) p-Isopropyltoluene	13.27	119	827872	46.820	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	444282	48.714	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	448860	48.311	ug/l	99
89) n-Butylbenzene	13.59	91	678093	45.786	ug/l	99
90) Hexachloroethane	13.85	117	99778	51.025	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	423163	48.551	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	46880	40.654	ug/l	92

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	249433	48.934	ug/l	100
94) Hexachlorobutadiene	14.98	225	94136	43.302	ug/l	99
95) Naphthalene	15.10	128	742966	47.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	240576	48.003	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 334117

Ion Ratio Lower Upper

168 100

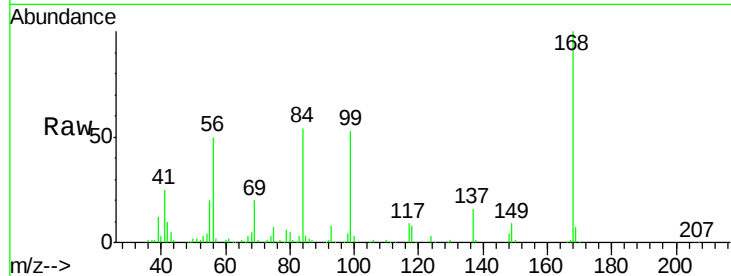
99 53.1 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

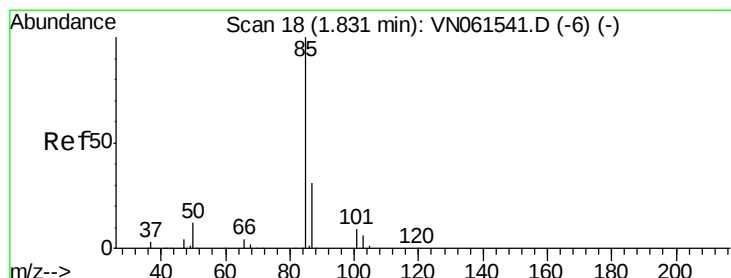
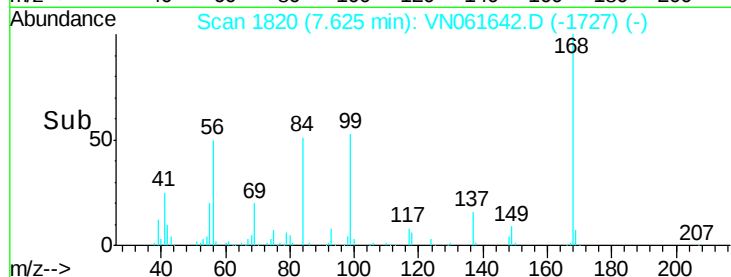
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50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.425 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061642.D

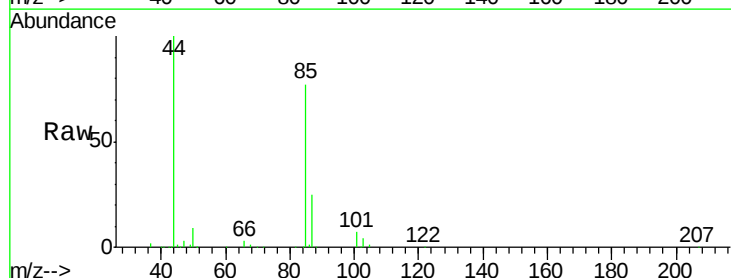
Acq: 3 Jun 2020 17:02

Tgt Ion: 85 Resp: 182718

Ion Ratio Lower Upper

85 100

87 32.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

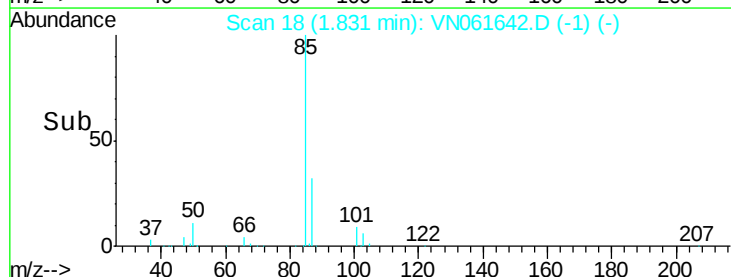
100000

50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 47.072 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 191825

Ion Ratio Lower Upper

50 100

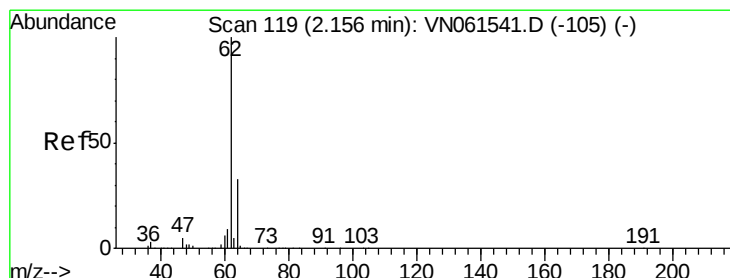
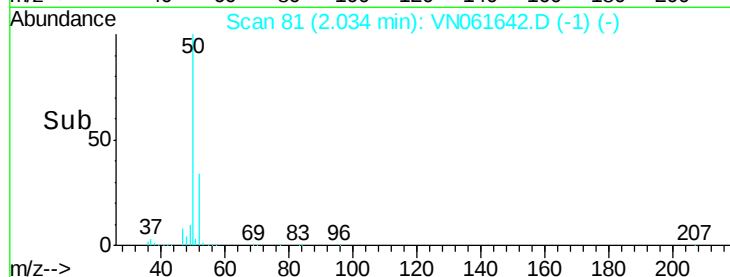
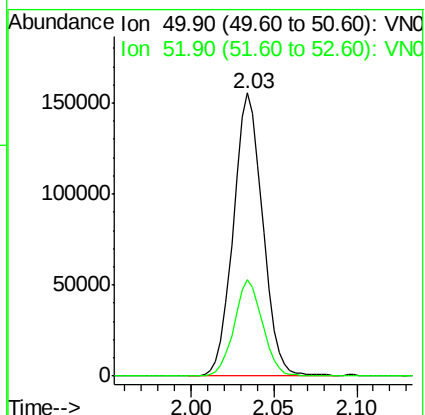
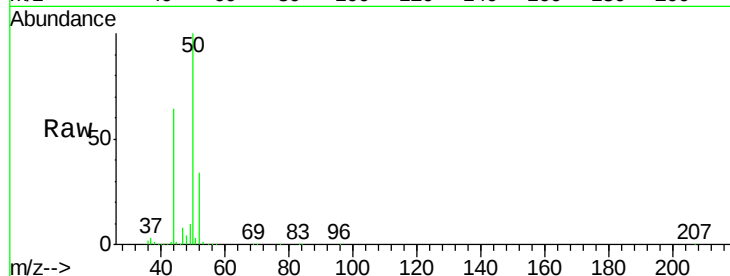
52 34.0 26.7 40.1

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#4

Vinyl Chloride

Concen: 47.913 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061642.D

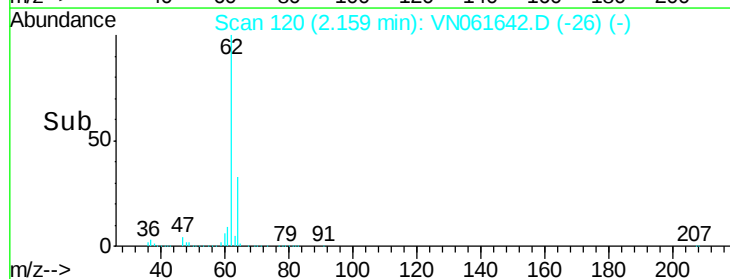
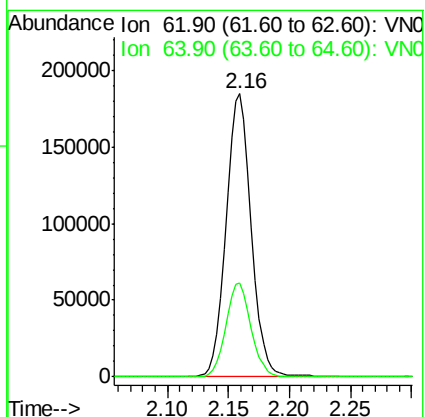
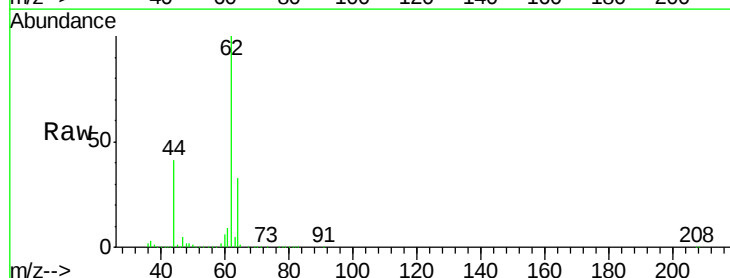
Acq: 3 Jun 2020 17:02

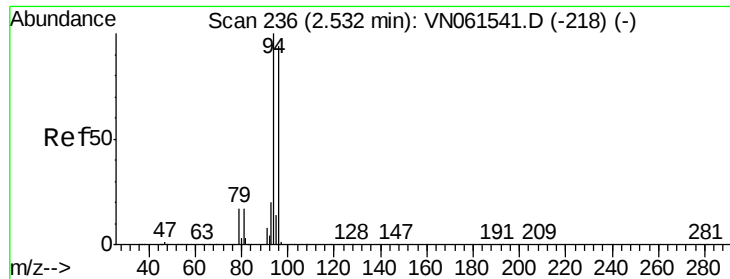
Tgt Ion: 62 Resp: 267565

Ion Ratio Lower Upper

62 100

64 33.1 26.2 39.2





#5

Bromomethane

Concen: 50.628 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 162234

Ion Ratio Lower Upper

94 100

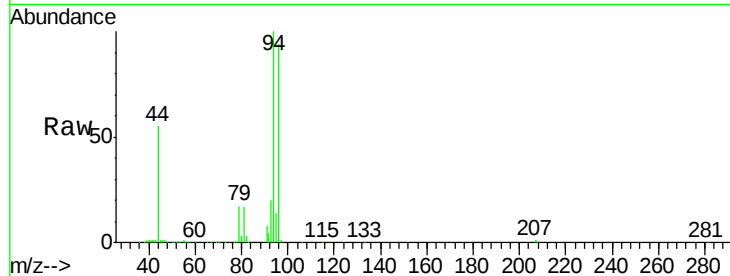
96 93.5 74.8 112.2

Manual Integrations

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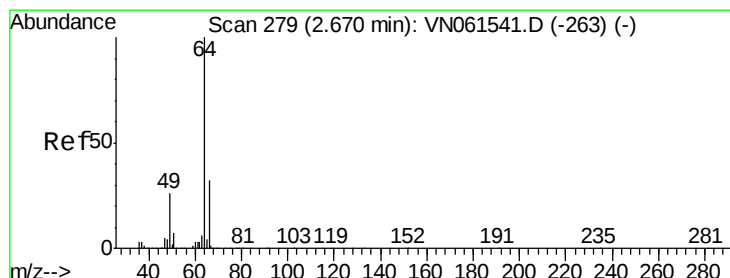
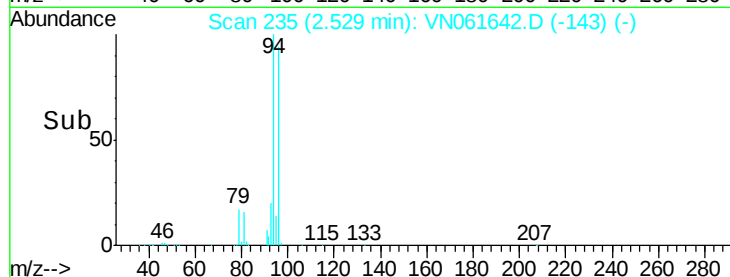
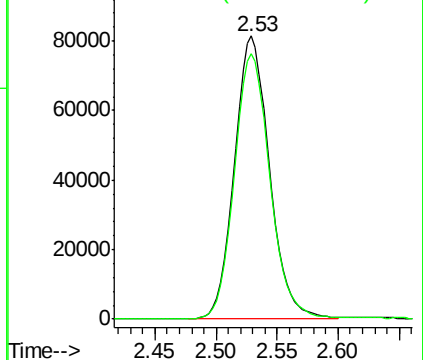
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.750 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061642.D

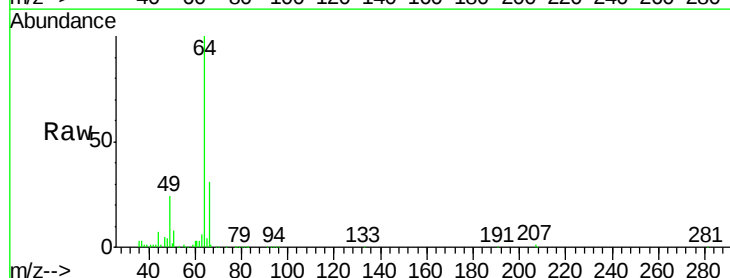
Acq: 3 Jun 2020 17:02

Tgt Ion: 64 Resp: 171639

Ion Ratio Lower Upper

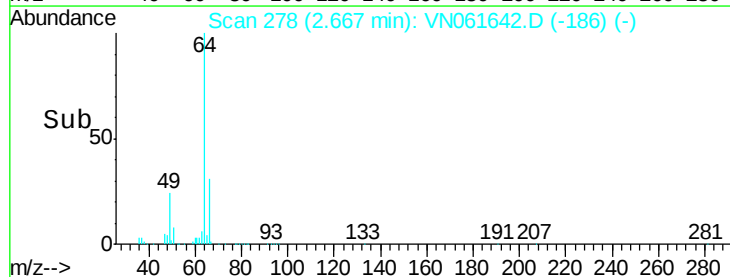
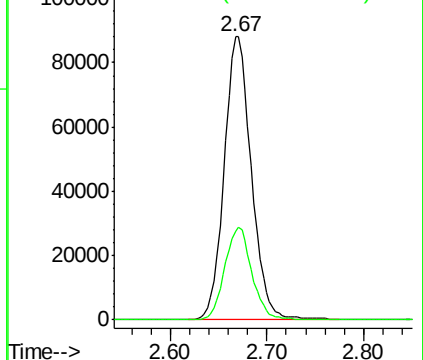
64 100

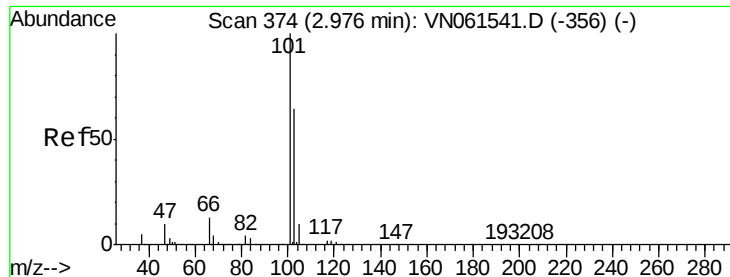
66 31.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

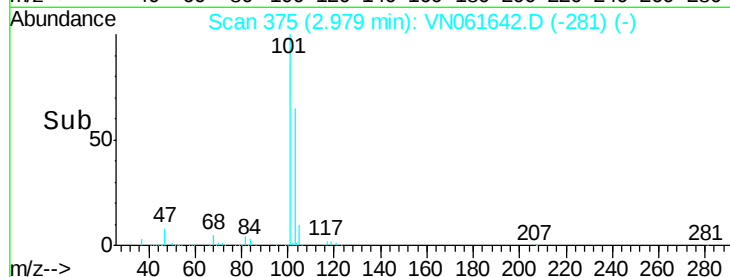
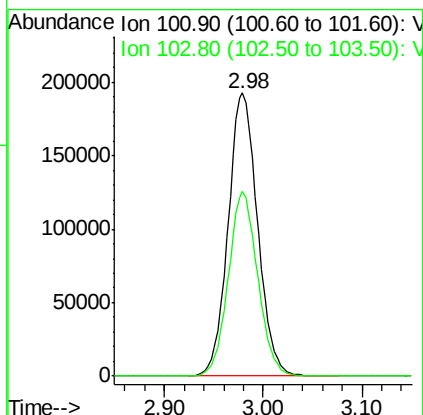
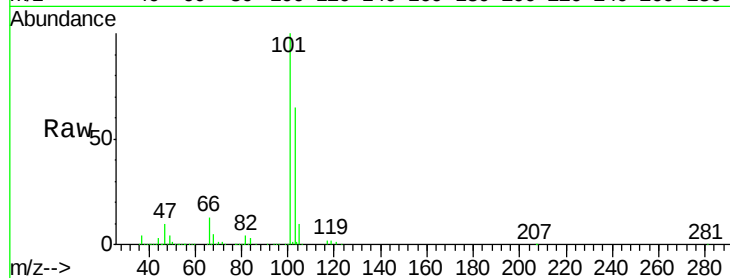
Trichlorofluoromethane
 Concen: 55.734 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061642.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.4	77.2

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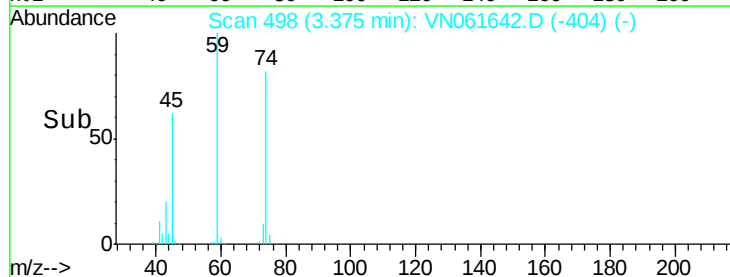
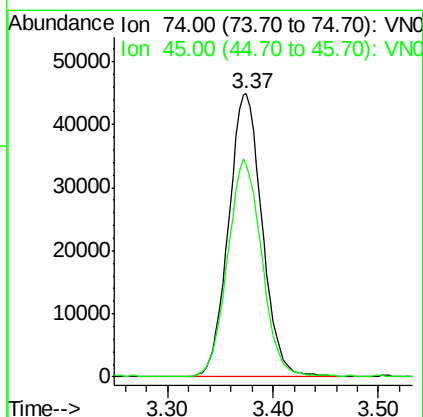
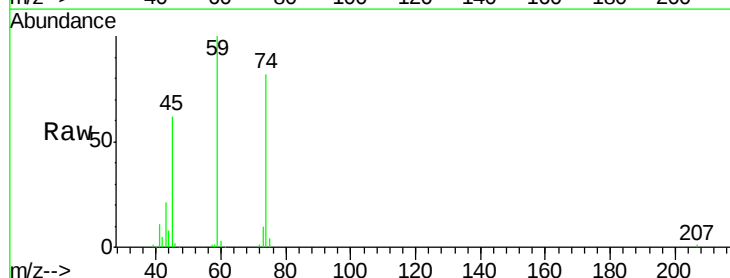
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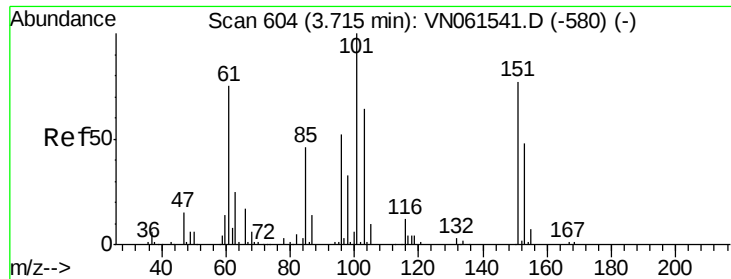


#8

Diethyl Ether
 Concen: 44.864 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	78.4	39.9	119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.685 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

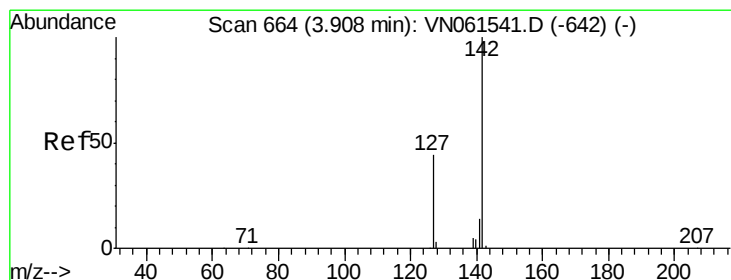
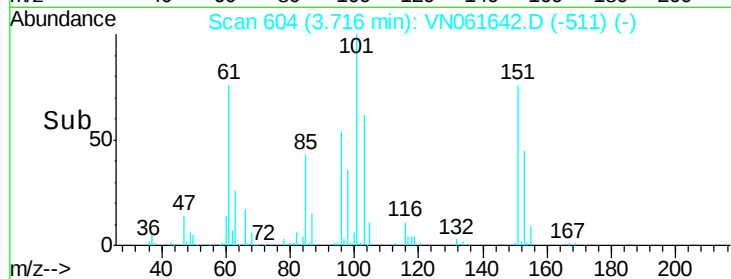
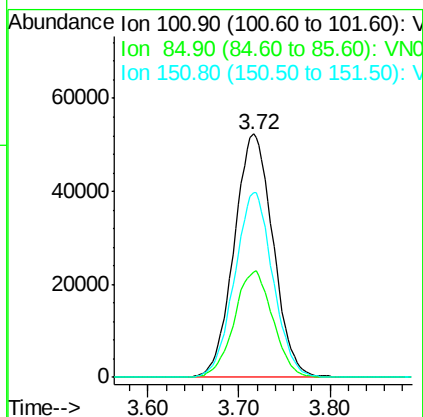
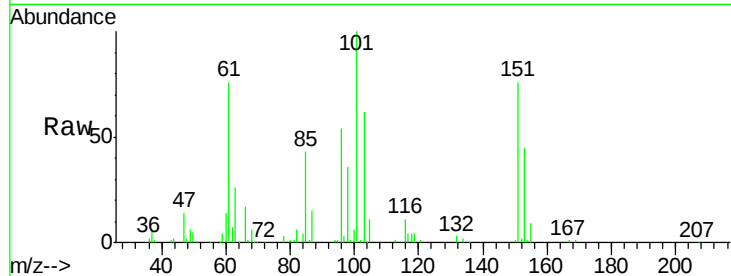
ClientSampled :

VSTDCCC050EC

Tot Ion:	101	Resp:	155579
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.2	52.8
151	74.7	61.0	91.6

Manual Integrations
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#10

Methyl Iodide

Concen: 46.595 ug/l

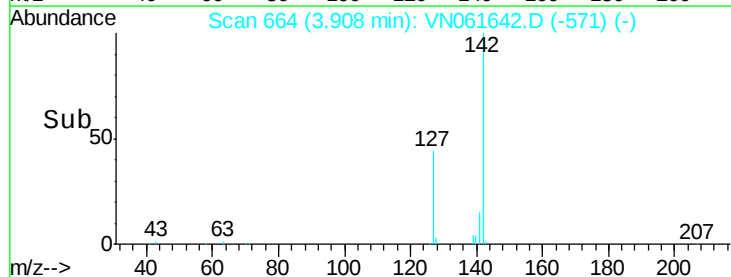
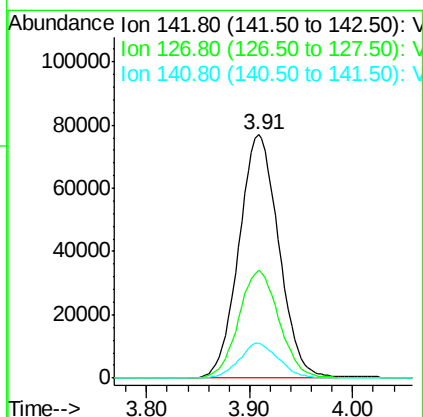
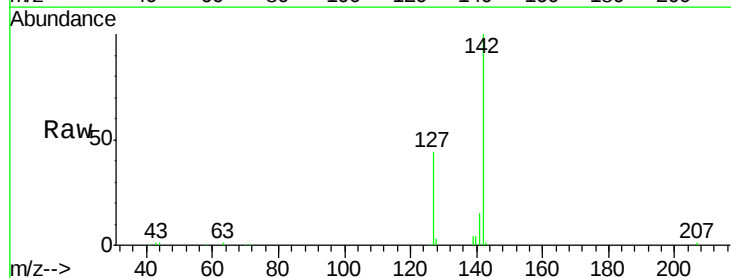
RT: 3.91 min Scan# 664

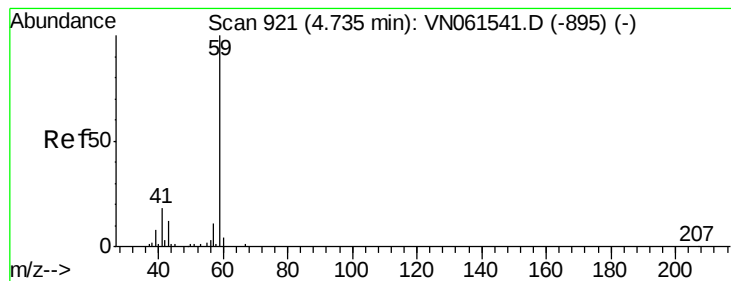
Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Tgt Ion:	142	Resp:	206701
Ion Ratio	Lower	Upper	
142	100		
127	44.9	35.5	53.3
141	14.3	11.5	17.3





#11

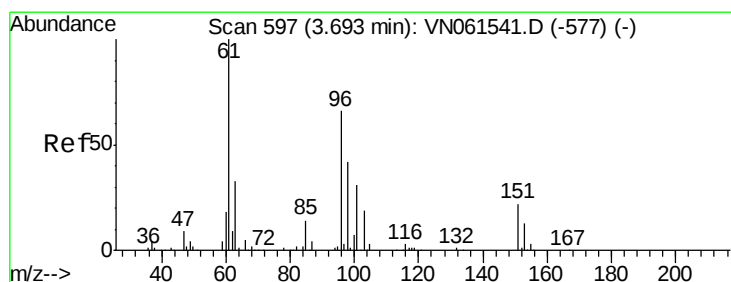
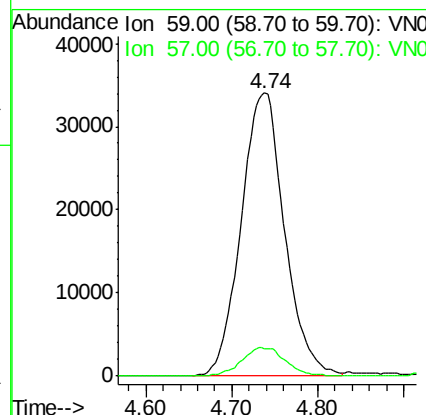
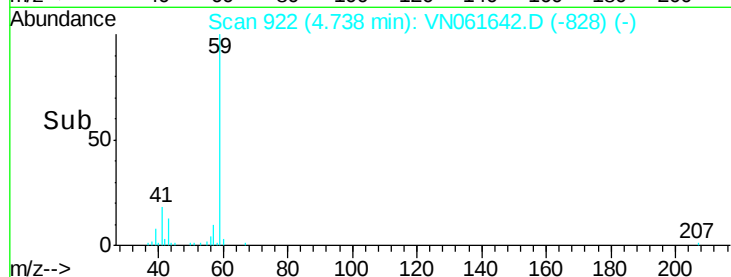
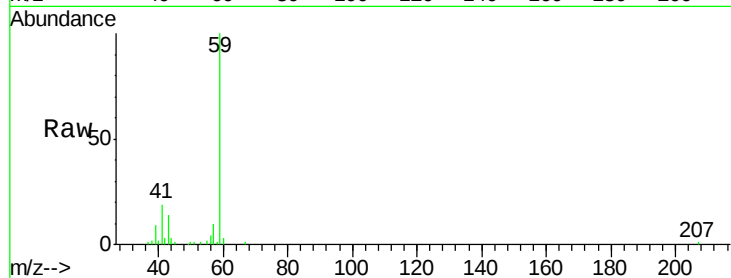
Tert butyl alcohol
Concen: 225.751 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	119533
Ion Ratio	100	Lower	Upper
57	10.0	8.4	12.6

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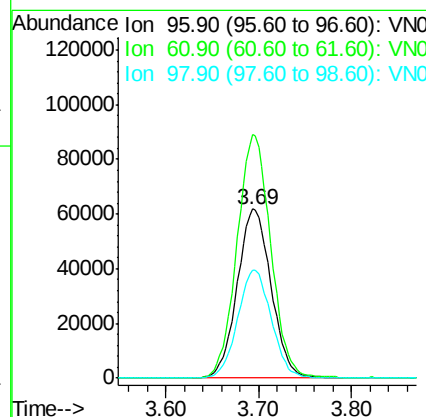
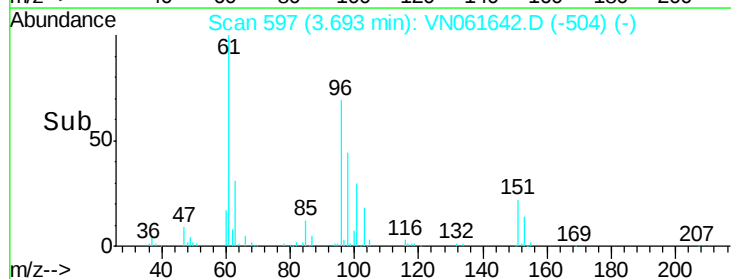
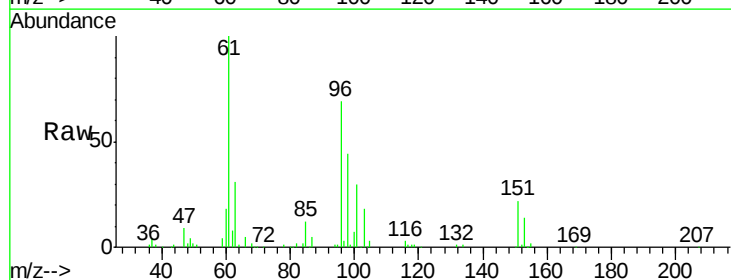
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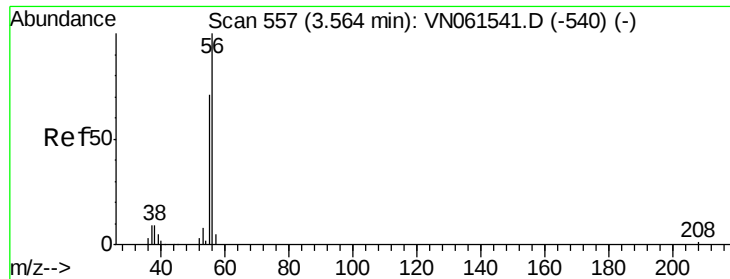


#12

1,1-Dichloroethene
Concen: 45.991 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	96	Resp	157017
Ion Ratio	100	Lower	Upper
61	144.0	120.5	180.7
98	63.6	50.8	76.2





#13

Acrolein

Concen: 244.031 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 37543

Ion Ratio Lower Upper

56 100

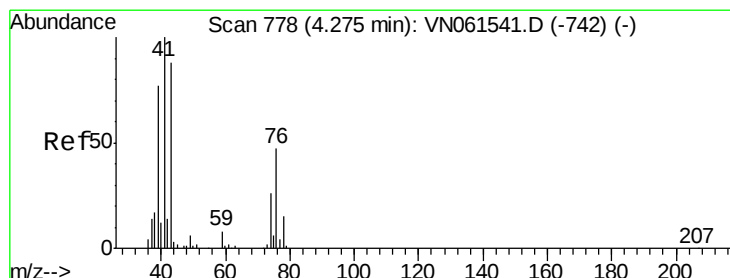
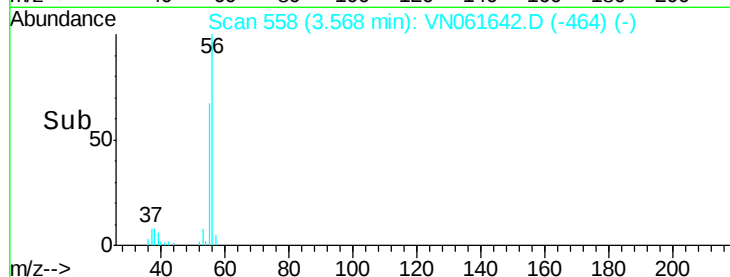
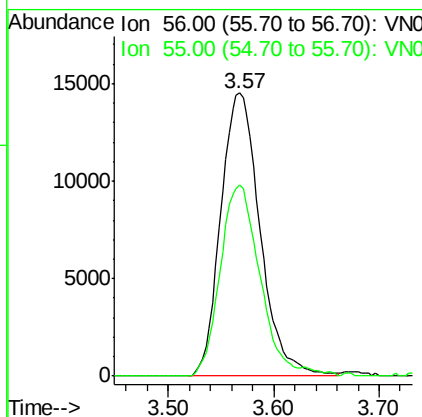
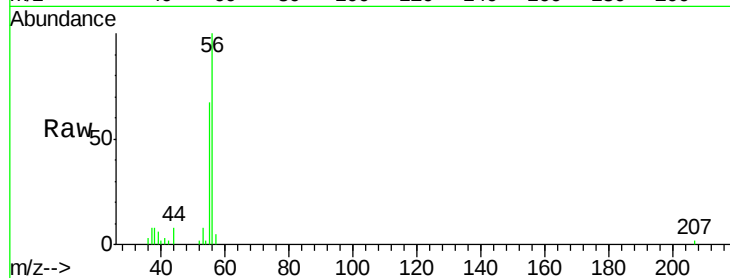
55 67.3 58.0 87.0

Manual Integrations

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#14

Allyl chloride

Concen: 44.205 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

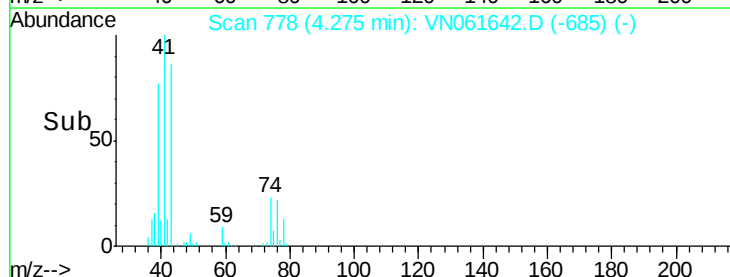
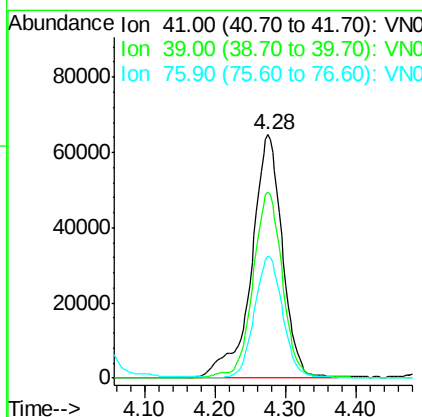
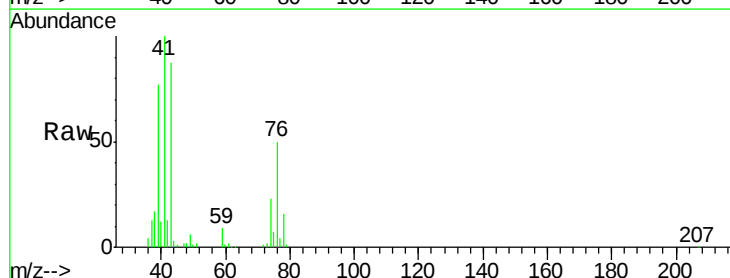
Tgt Ion: 41 Resp: 197304

Ion Ratio Lower Upper

41 100

39 72.7 58.6 88.0

76 45.8 34.2 51.4





#15

Acrylonitrile

Concen: 228.878 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

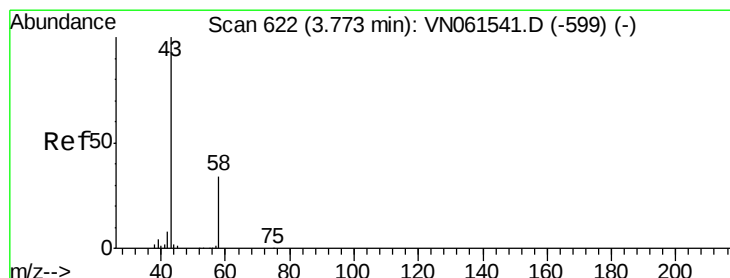
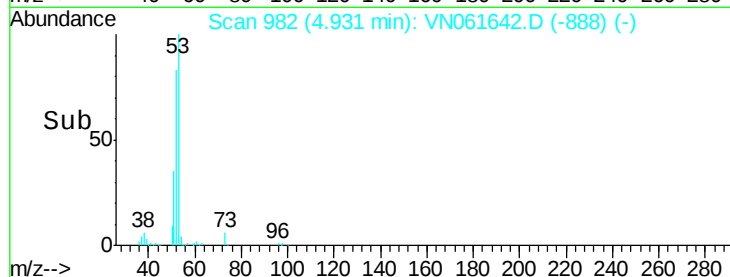
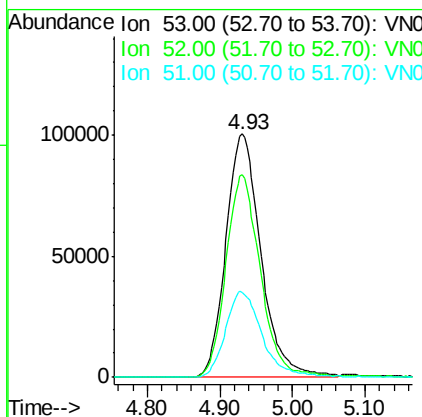
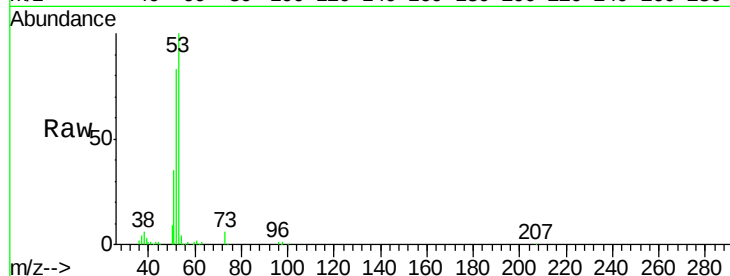
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	338263
Ion Ratio	Lower	Upper	
53	100		
52	81.6	65.4	98.2
51	36.8	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 228.605 ug/l

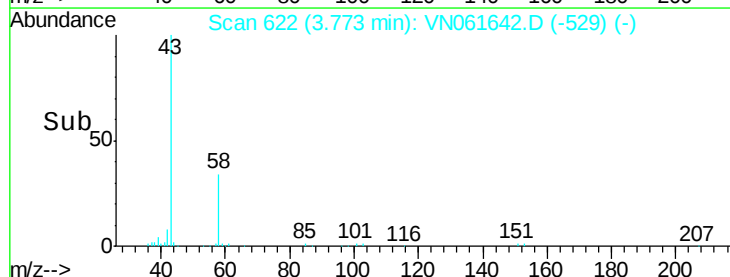
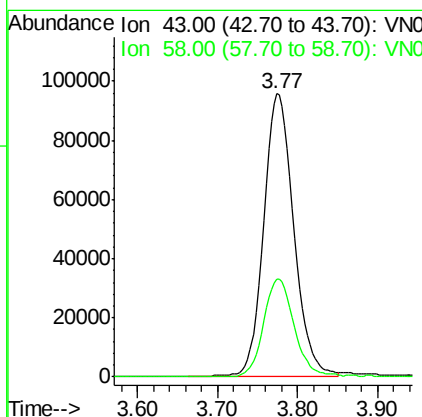
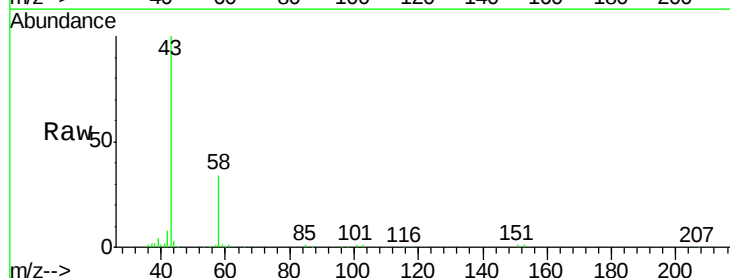
RT: 3.77 min Scan# 622

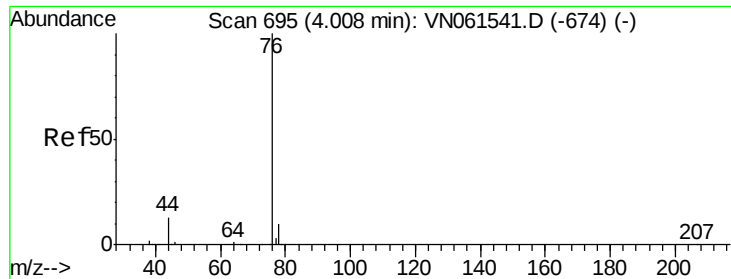
Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Tgt Ion:	43	Resp:	251385
Ion Ratio	Lower	Upper	
43	100		
58	34.3	27.2	40.8





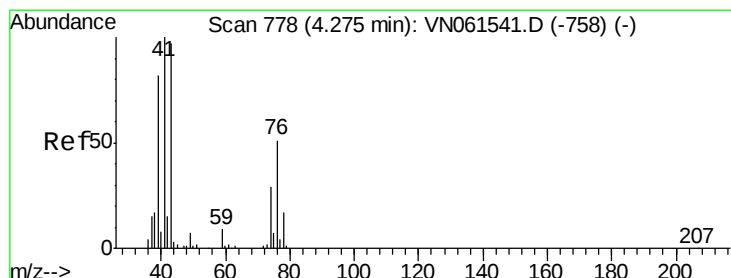
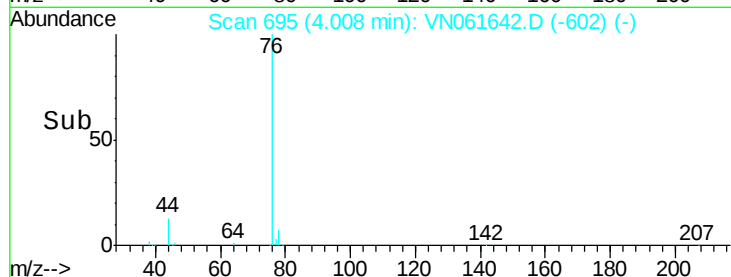
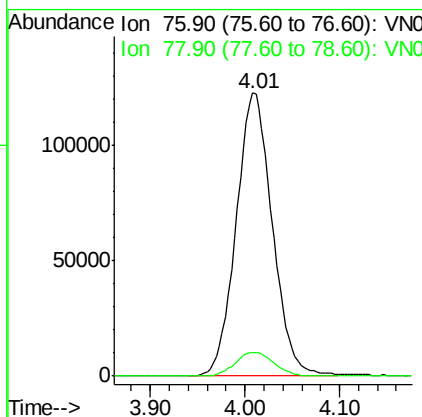
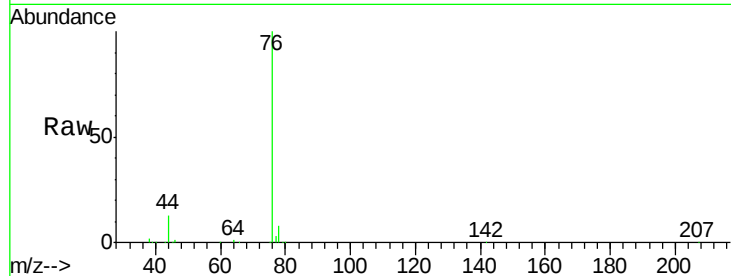
#17
Carbon Disulfide
Concen: 43.391 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.8	11.6

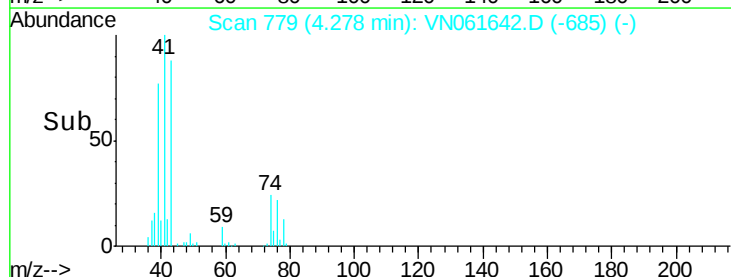
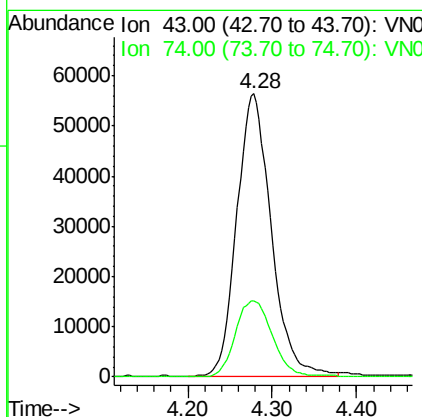
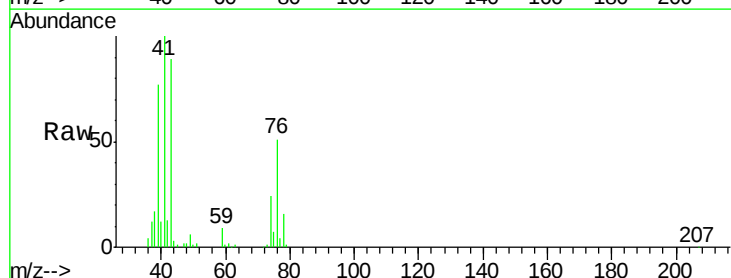
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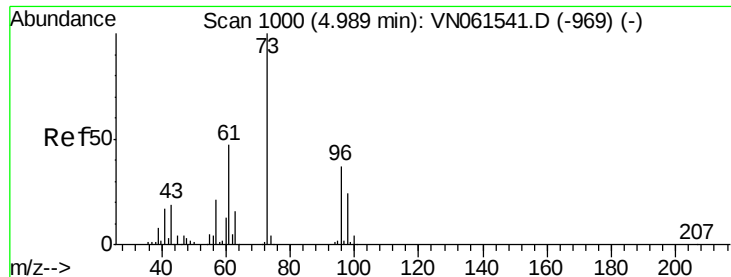
MMDadoda
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#18
Methyl Acetate
Concen: 44.792 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.6	23.2	34.8





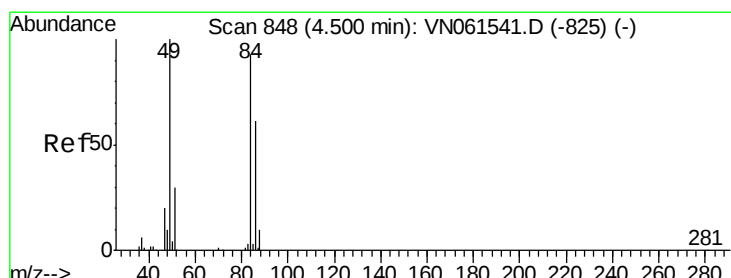
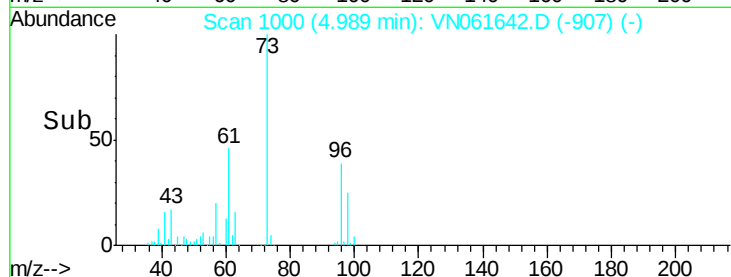
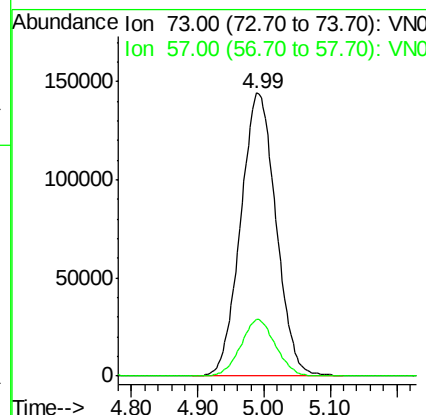
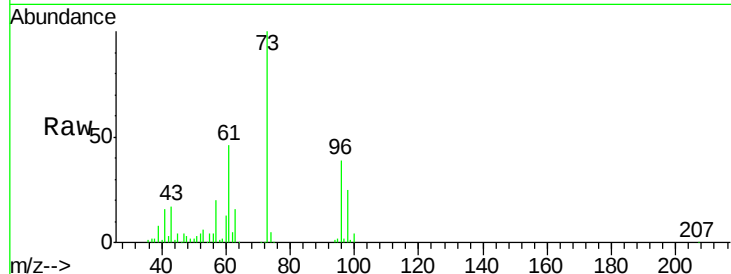
#19
Methvl tert-butvl Ether
Concen: 45.974 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 534935
Ion Ratio Lower Upper
73 100
57 20.2 16.4 24.6

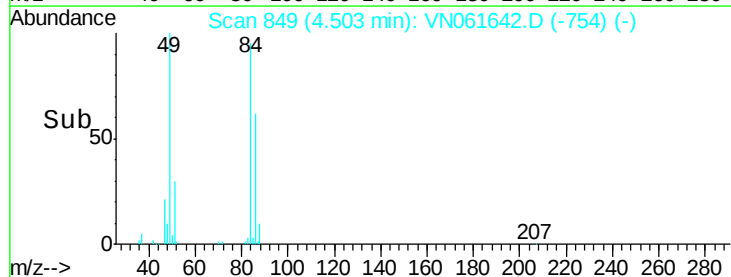
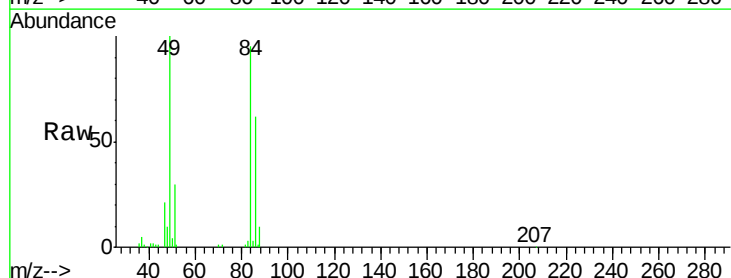
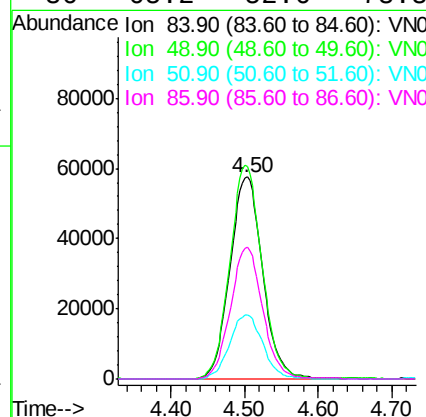
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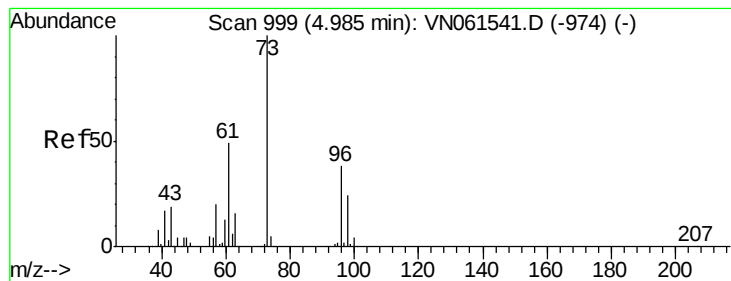
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#20
Methylene Chloride
Concen: 49.161 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 84 Resp: 177982
Ion Ratio Lower Upper
84 100
49 105.1 85.8 128.8
51 31.8 26.2 39.2
86 65.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 46.278 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

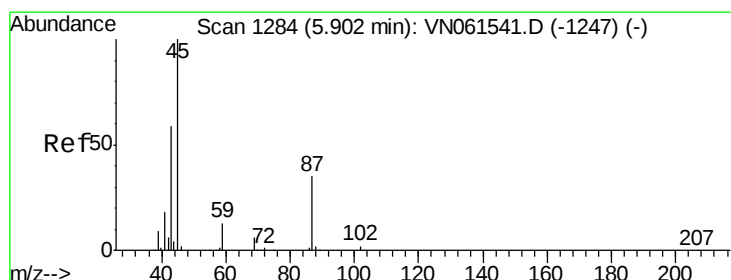
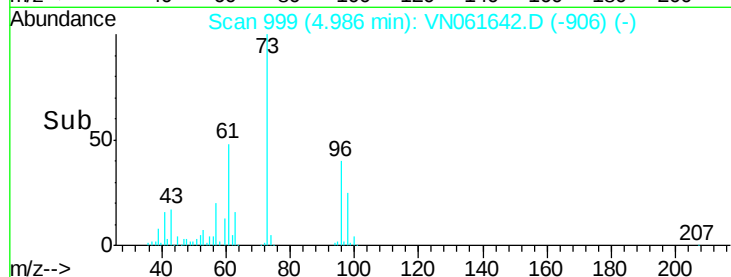
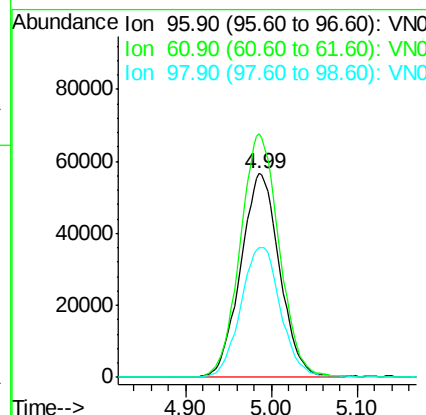
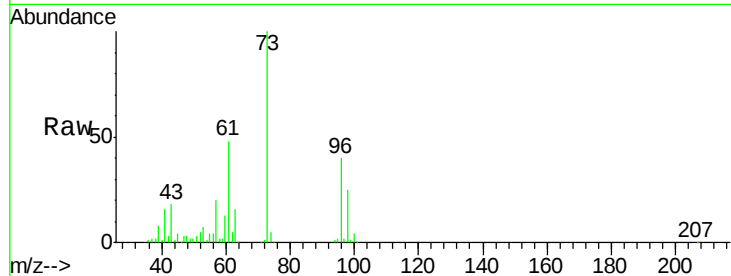
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	178181
Ion	Ratio	Lower	Upper
96	100		
61	119.5	101.4	152.0
98	63.4	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.428 ug/l

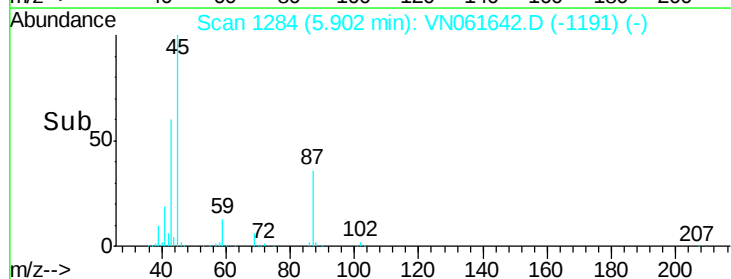
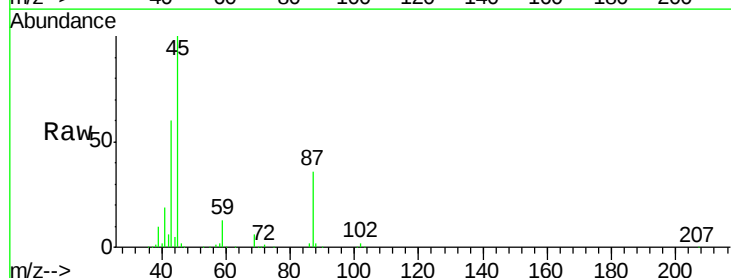
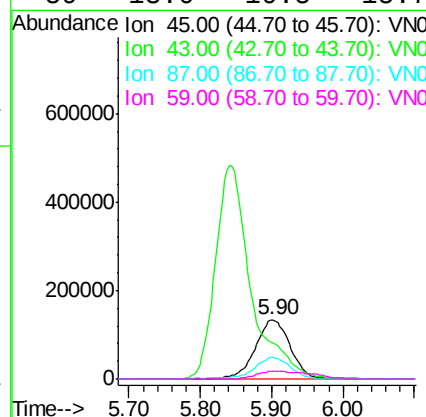
RT: 5.90 min Scan# 1284

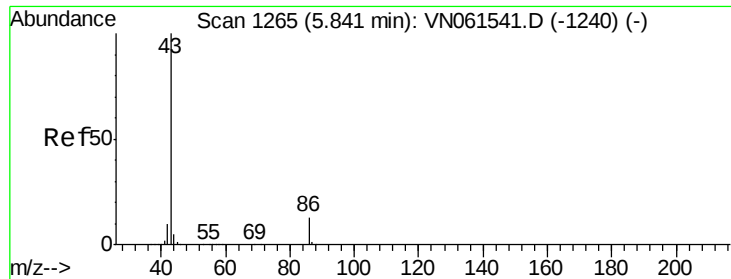
Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Tgt Ion:	45	Resp:	456731
Ion	Ratio	Lower	Upper
45	100		
43	58.2	47.9	71.9
87	35.8	28.4	42.6
59	13.0	10.5	15.7





#23

Vinyl Acetate

Concen: 213.277 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1672246

Ion Ratio Lower Upper

43 100

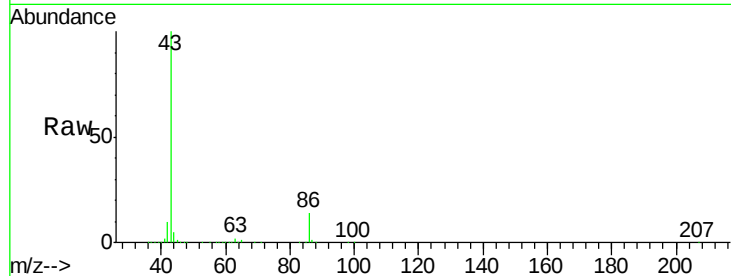
86 13.9 10.6 16.0

Manual Integrations

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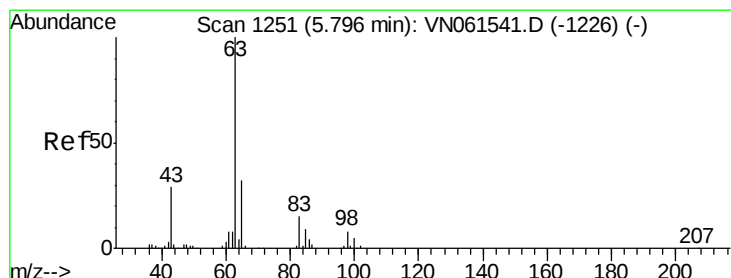
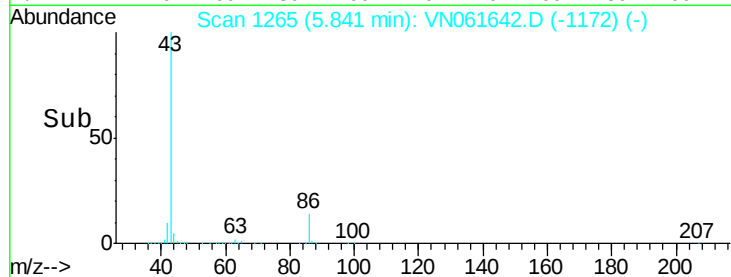
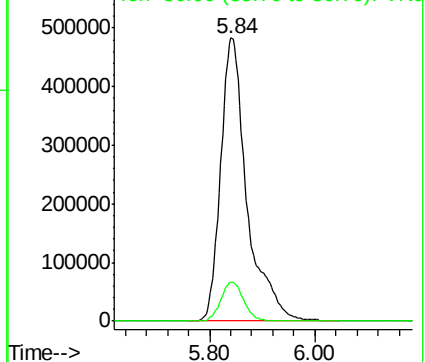
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.200 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

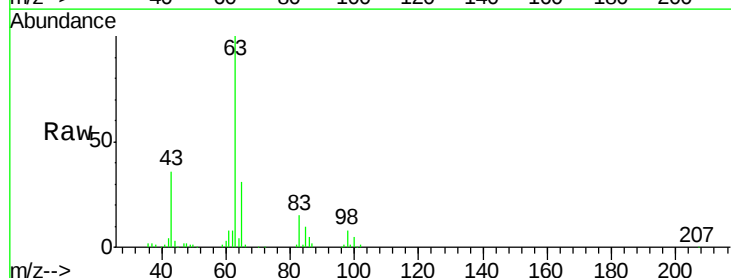
Tgt Ion: 63 Resp: 294443

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.4

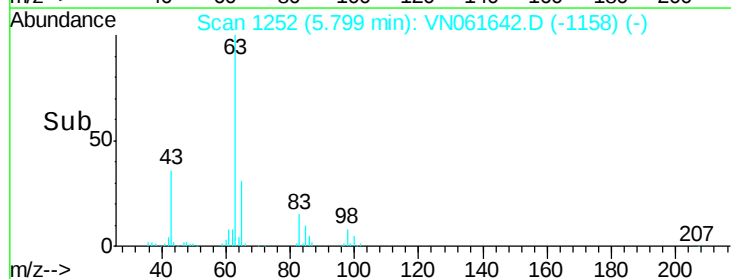
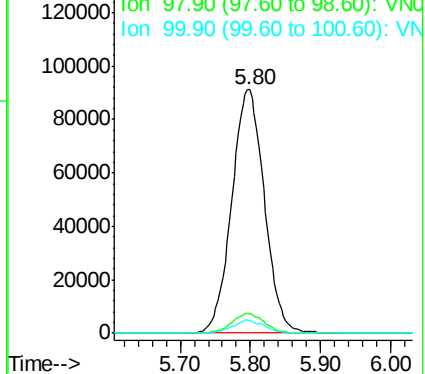
100 5.2 2.5 7.6

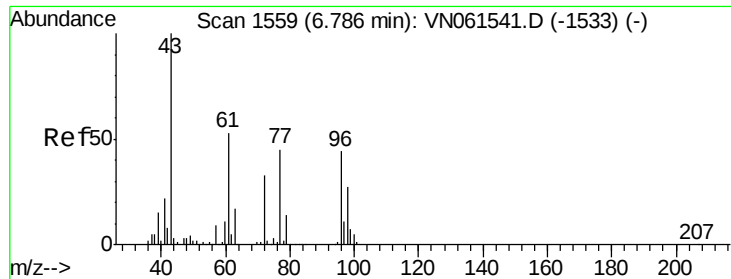


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





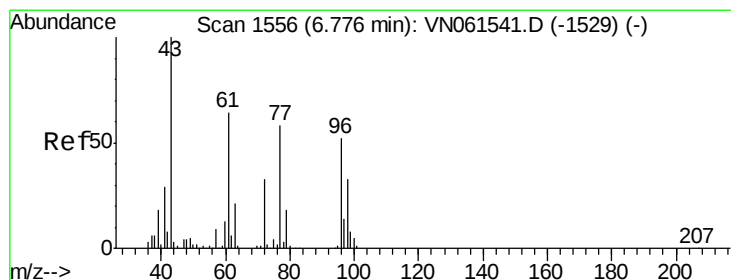
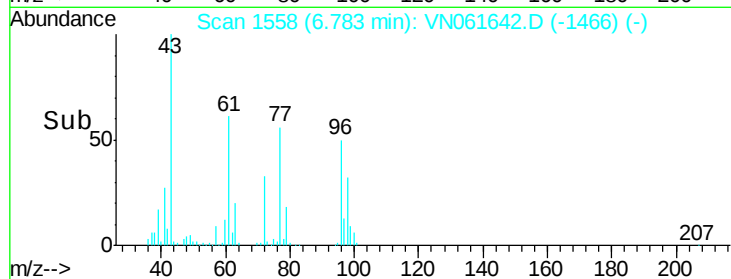
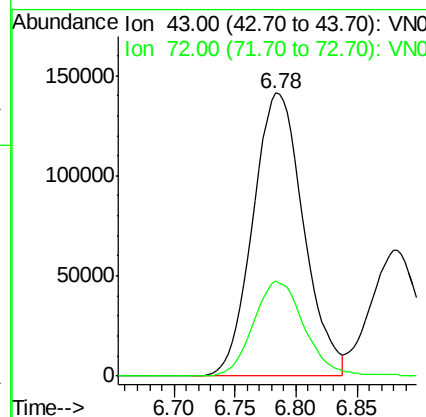
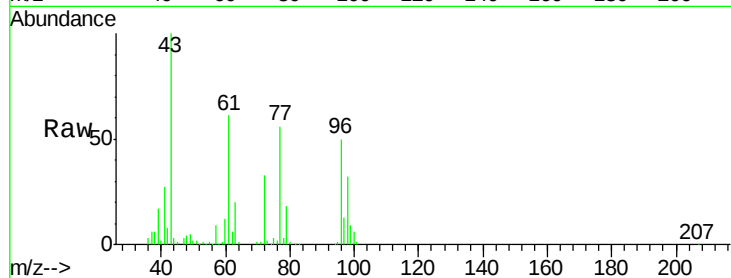
#25
2-Butanone
Concen: 215.685 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 406915
Ion Ratio Lower Upper
43 100
72 33.4 26.0 39.0

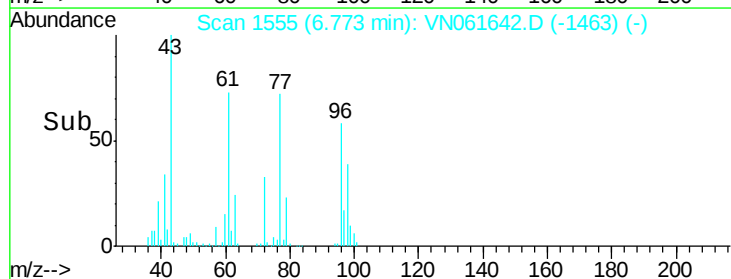
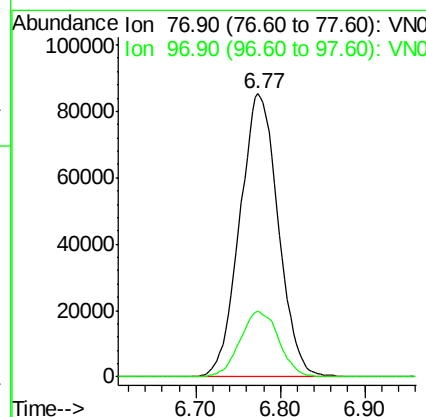
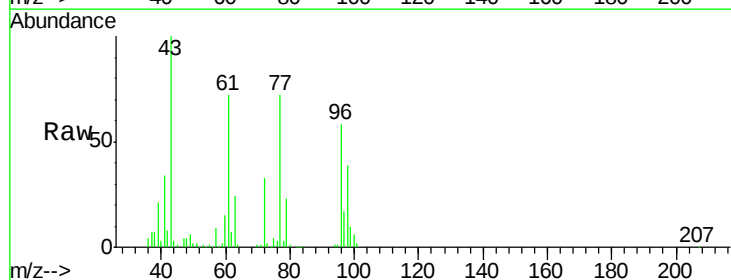
Manual Integrations
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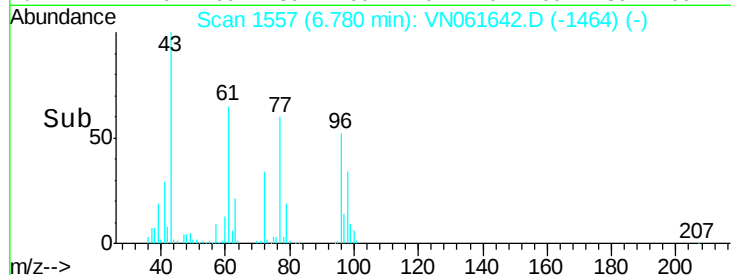
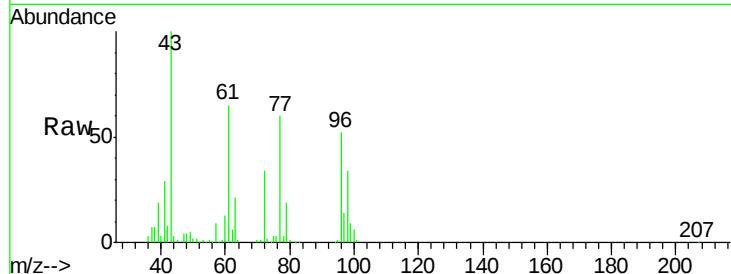
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#26
2,2-Dichloropropane
Concen: 47.355 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 77 Resp: 270379
Ion Ratio Lower Upper
77 100
97 23.4 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 48.256 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061642.D

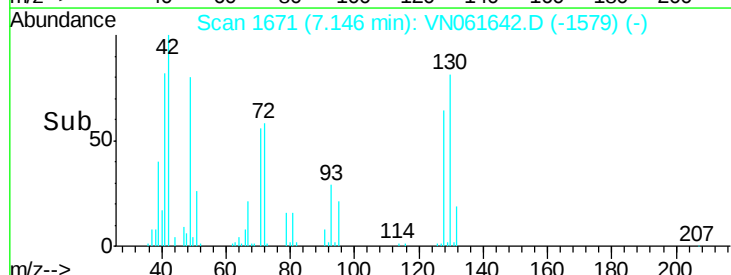
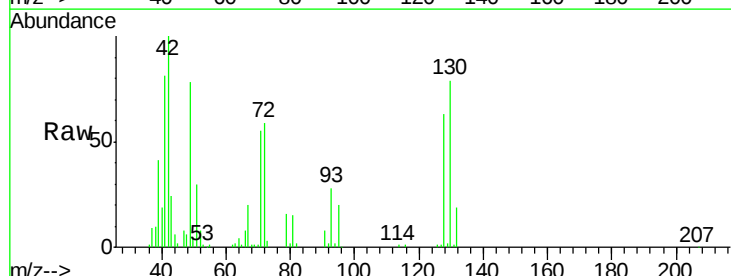
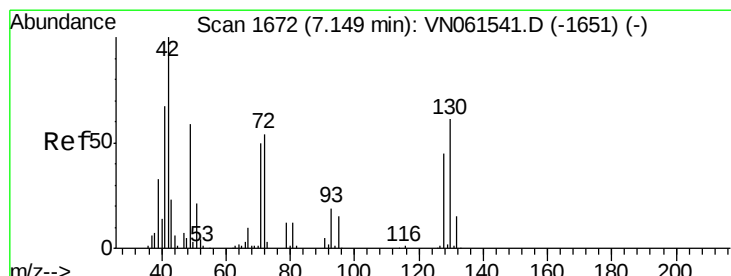
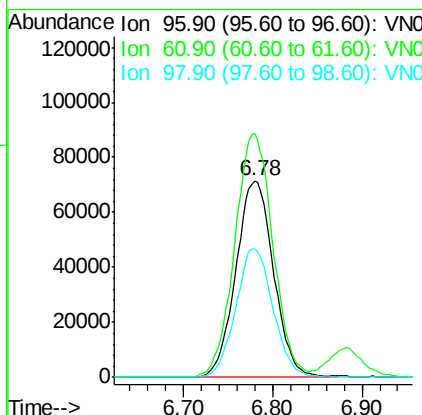
Acq: 3 Jun 2020 17:02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	210388		
61	125.3	0.0	252.2	
98	64.6	0.0	129.2	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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#28

Bromochloromethane

Concen: 49.307 ug/l

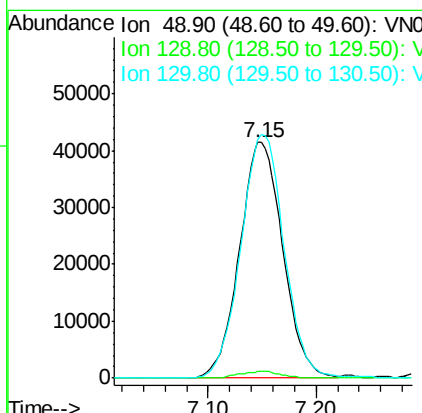
RT: 7.15 min Scan# 1671

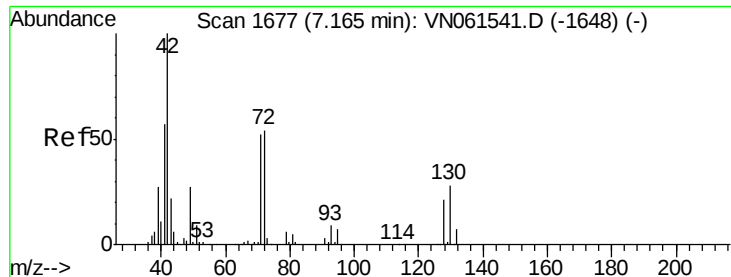
Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115514		
129	2.6	0.0	4.8	
130	103.3	78.8	118.2	





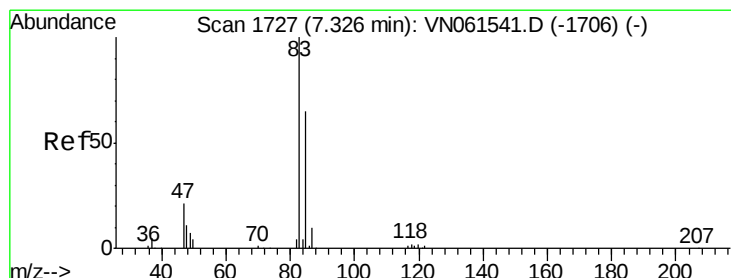
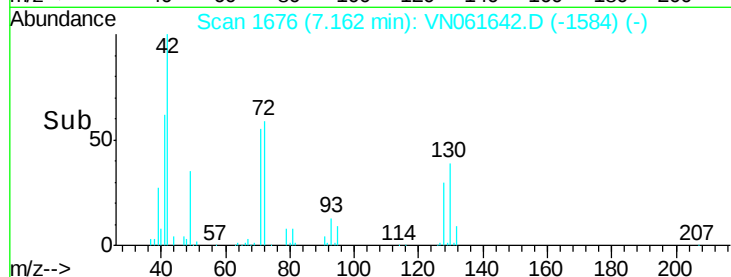
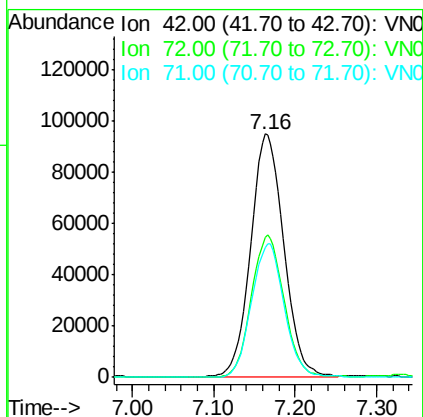
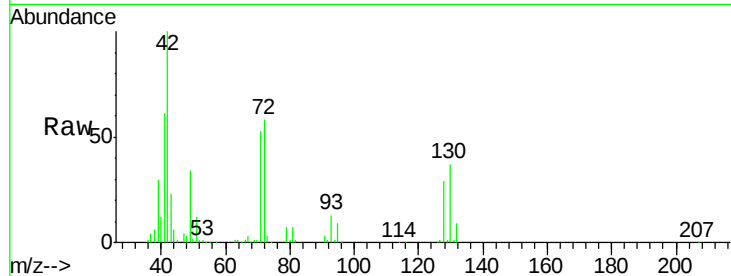
#29
Tetrahydrofuran
Concen: 214.452 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	57.2	43.6	65.4
71	54.3	41.2	61.8

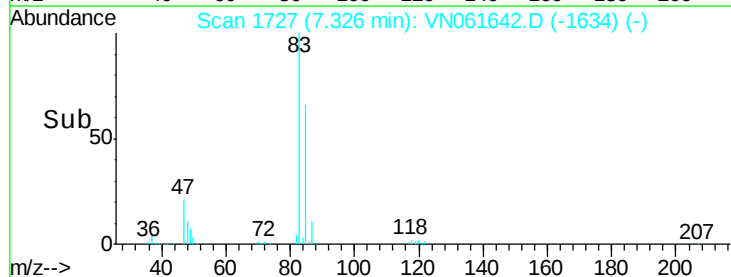
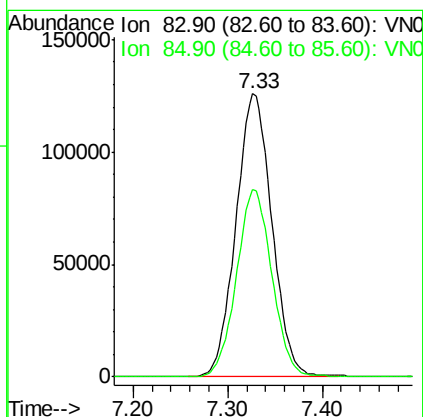
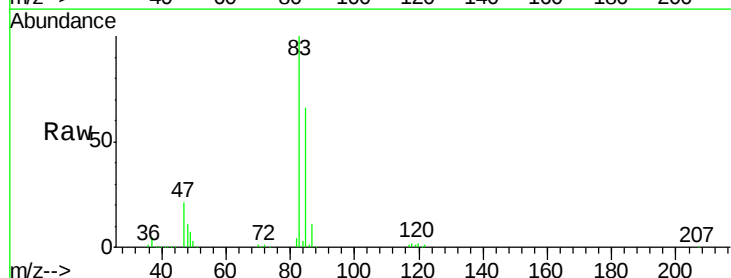
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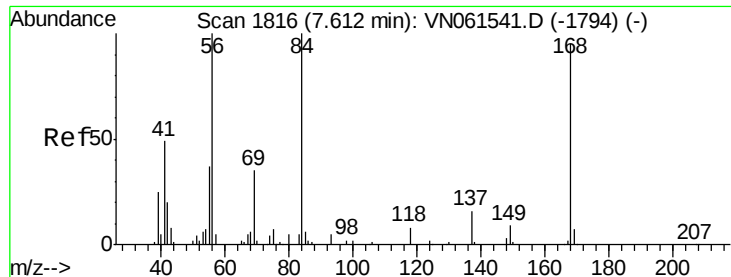
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#30
Chloroform
Concen: 48.194 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.7	77.5





#31

Cyclohexane

Concen: 44.326 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

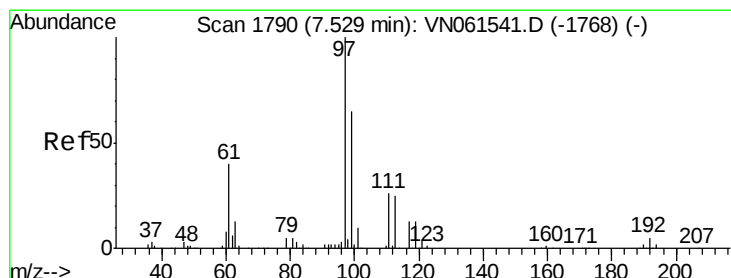
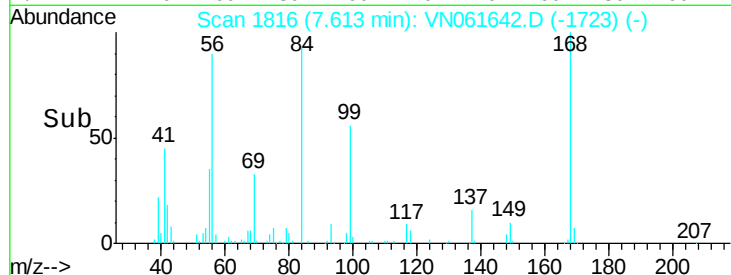
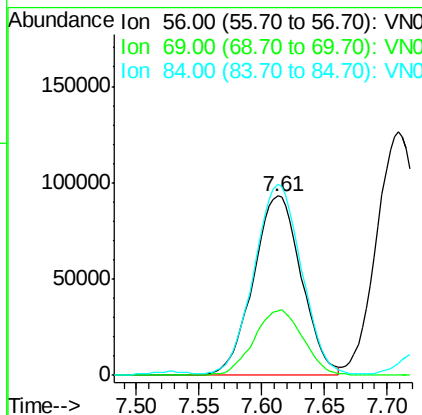
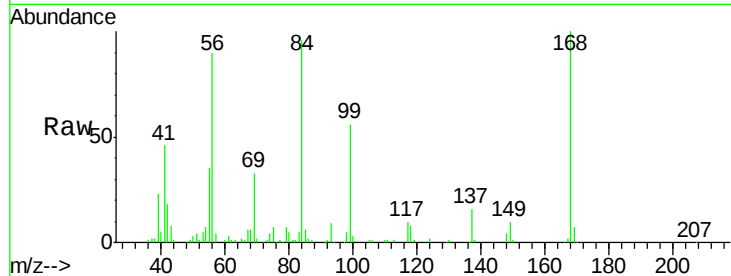
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	248682
Ion Ratio	Lower	Upper	
56	100		
69	36.3	27.8	41.8
84	105.4	79.9	119.9

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#32

1,1,1-Trichloroethane

Concen: 48.808 ug/l

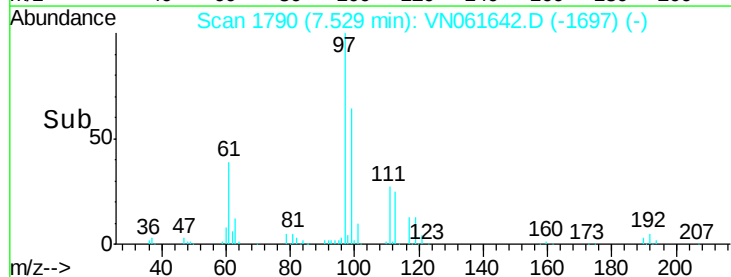
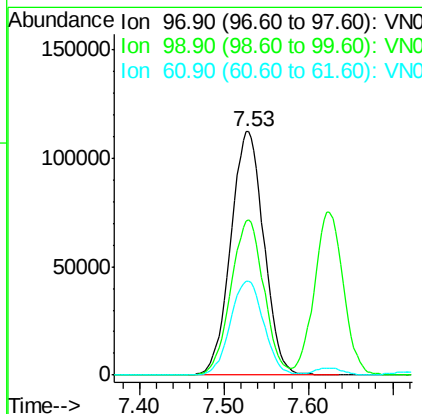
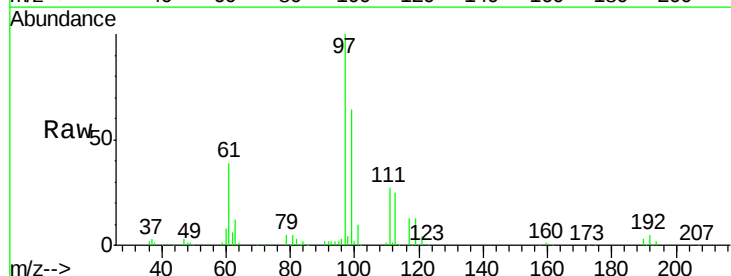
RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Tgt Ion:	97	Resp:	306931
Ion Ratio	Lower	Upper	
97	100		
99	63.5	51.4	77.0
61	39.0	31.4	47.0





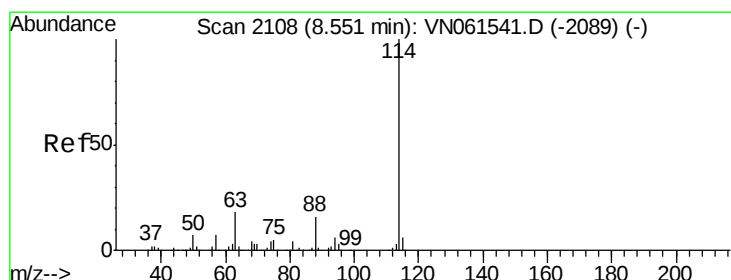
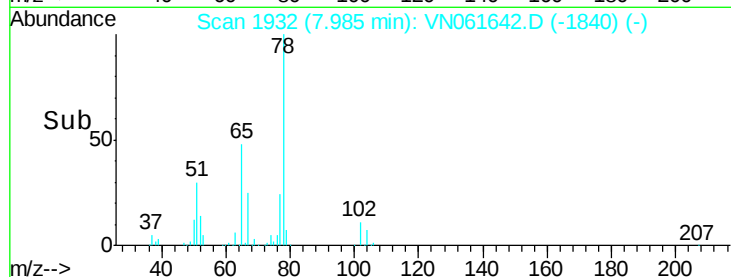
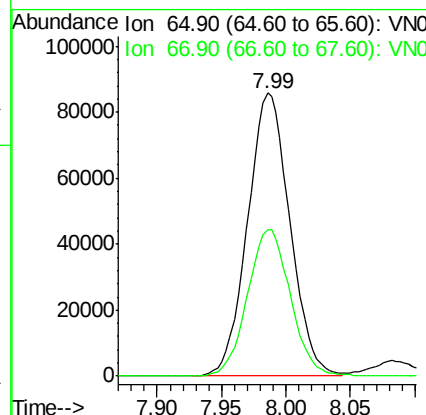
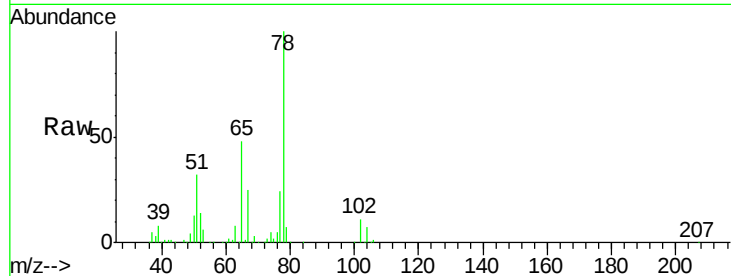
#33
 1,2-Dichloroethane-d4
 Concen: 49.249 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196052		
67	52.7	0.0	104.8	

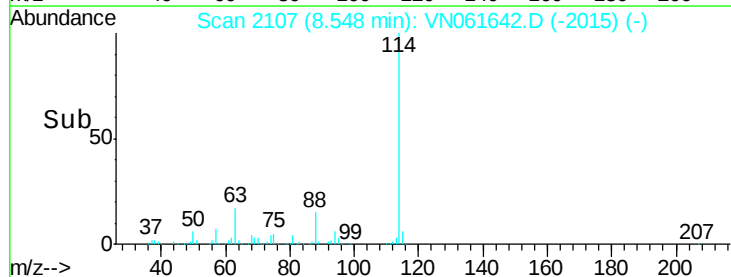
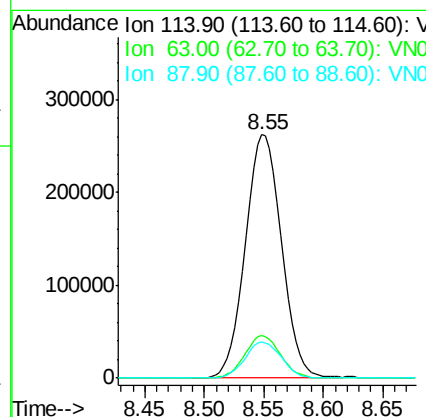
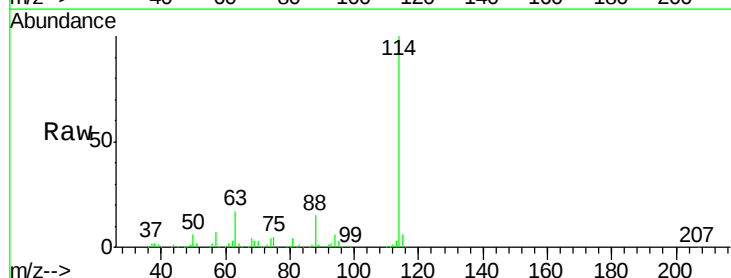
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	552287		
63	17.3	0.0	35.8	
88	14.9	0.0	31.0	





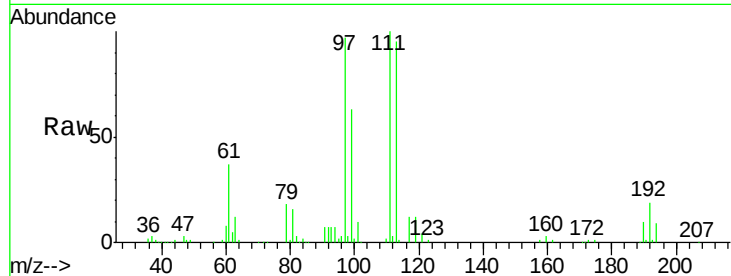
#35
Dibromofluoromethane
Concen: 51.204 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

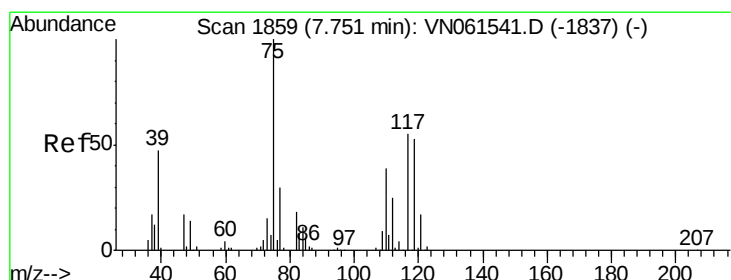
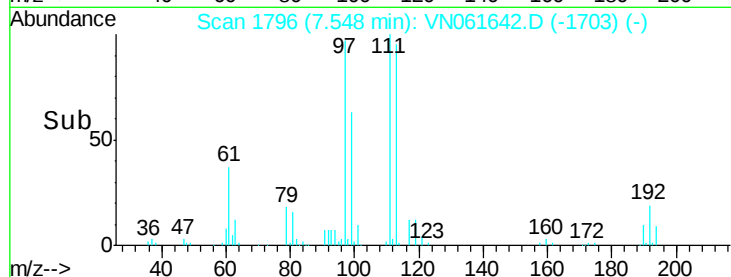
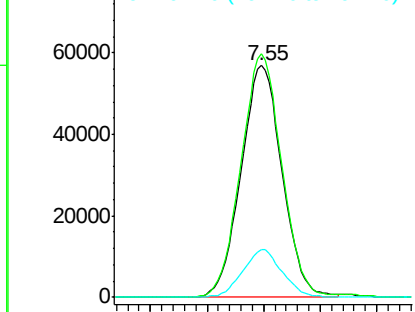
Tot Ion	Ratio	Resp	Lower	Upper
113	100	143457		
111	105.4	83.4	125.0	
192	19.8	15.4	23.2	

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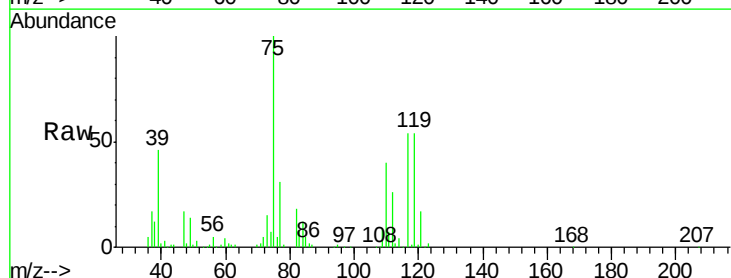


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

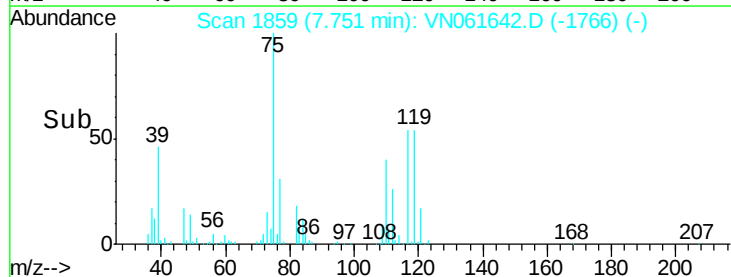
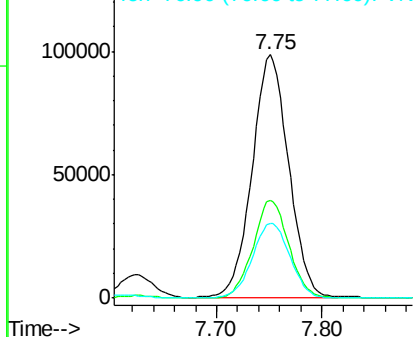


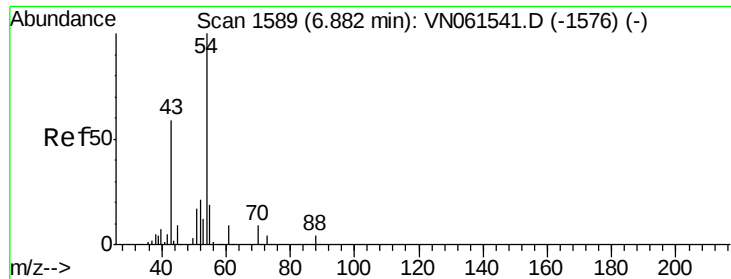
#36
1,1-Dichloropropene
Concen: 48.530 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	237272		
110	39.6	19.5	58.5	
77	31.8	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





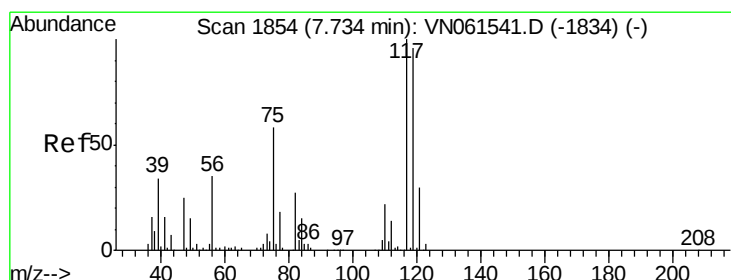
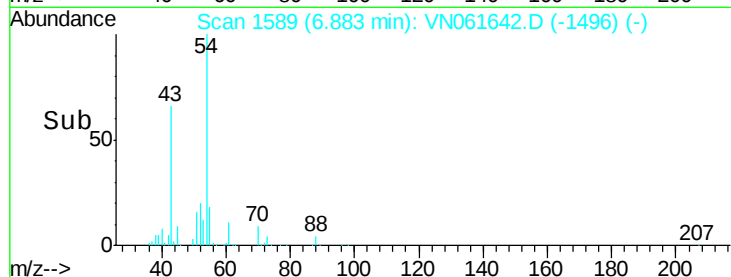
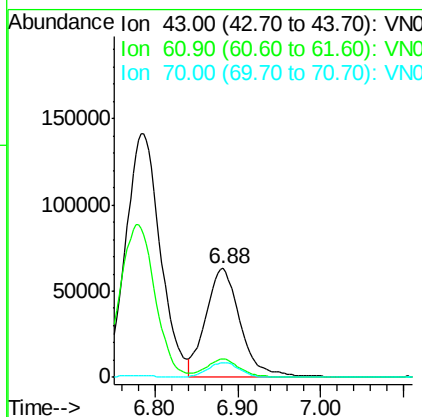
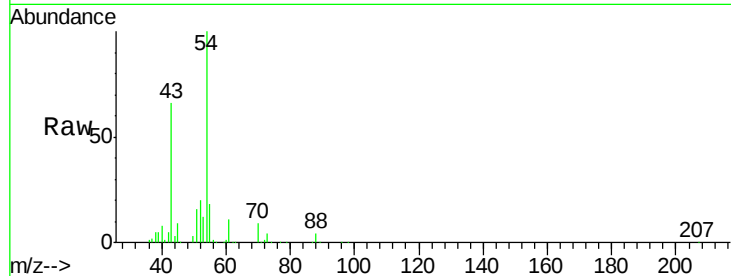
#37
Ethyl Acetate
Concen: 46.190 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.2	18.4
70	12.9	9.4	14.2

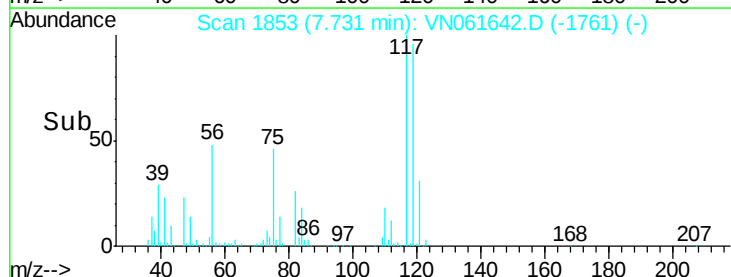
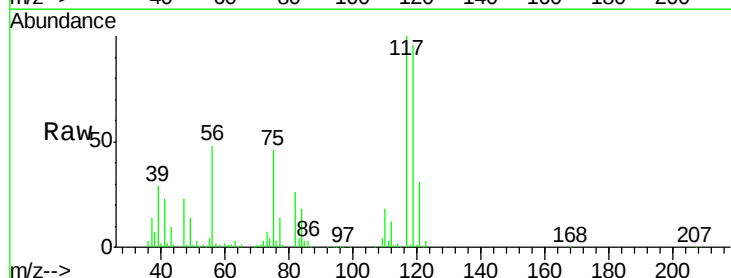
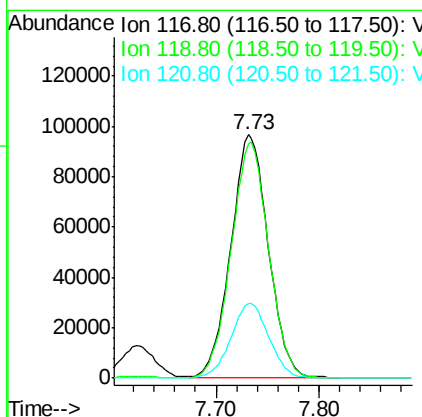
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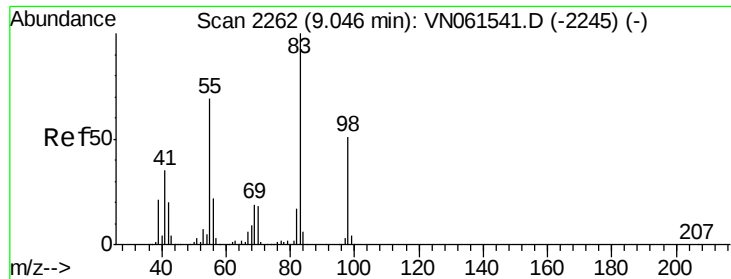
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#38
Carbon Tetrachloride
Concen: 51.523 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.5	114.7
121	30.9	24.1	36.1





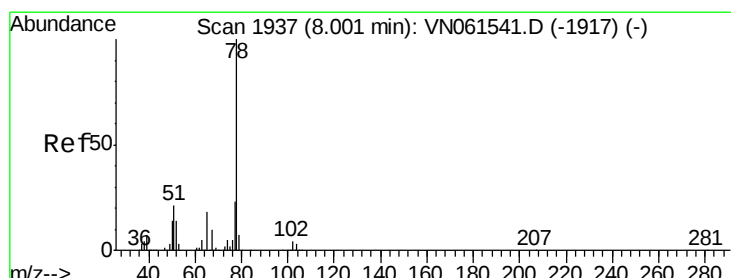
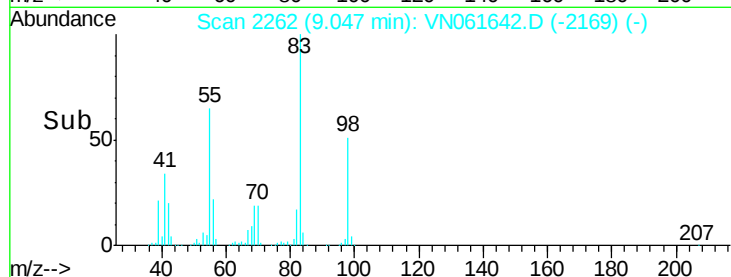
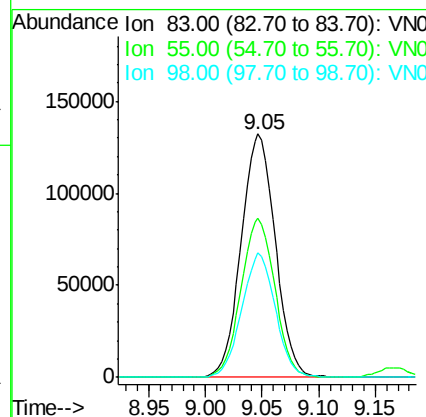
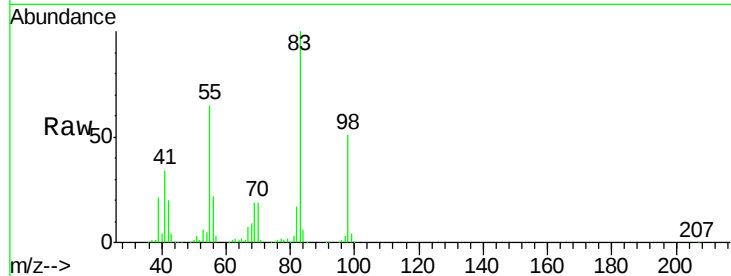
#39
Methvlcvclohexane
Concen: 46.251 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.4	54.9	82.3
98	51.0	41.0	61.4

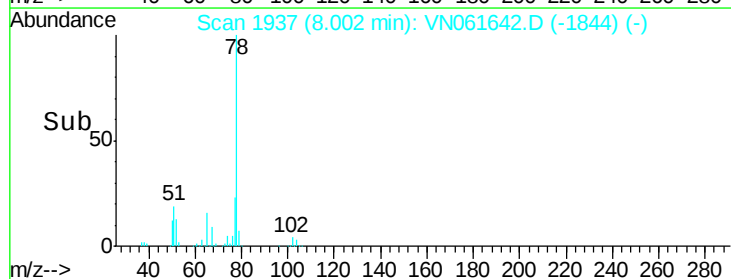
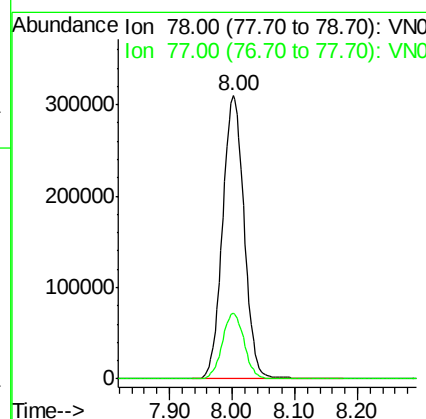
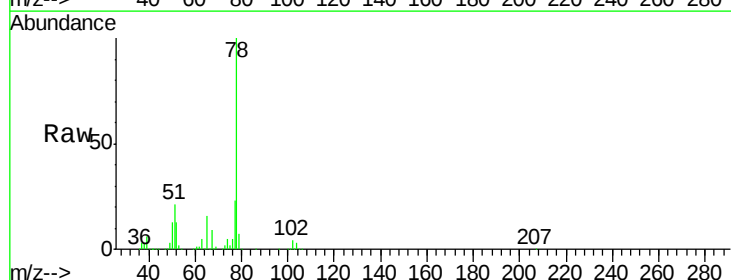
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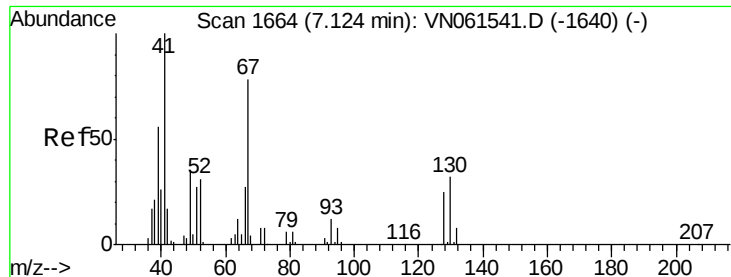
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#40
Benzene
Concen: 49.123 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





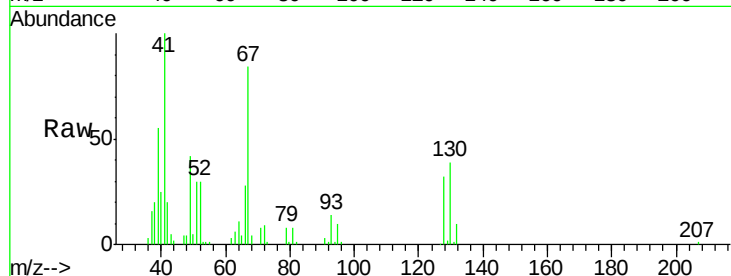
#41
Methacrylonitrile
Concen: 40.755 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

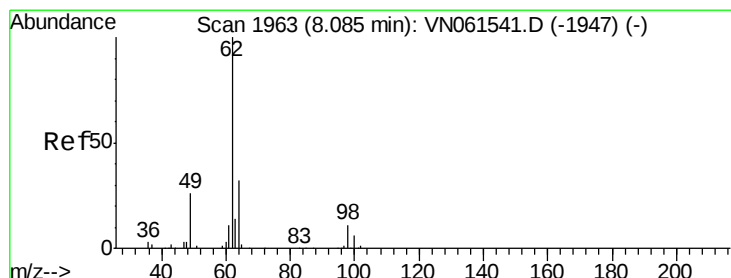
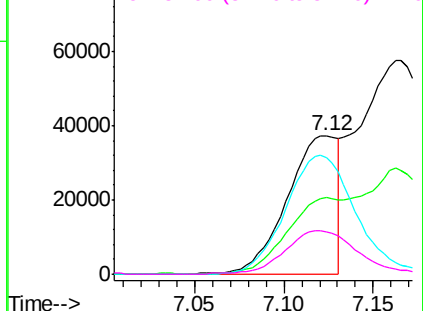
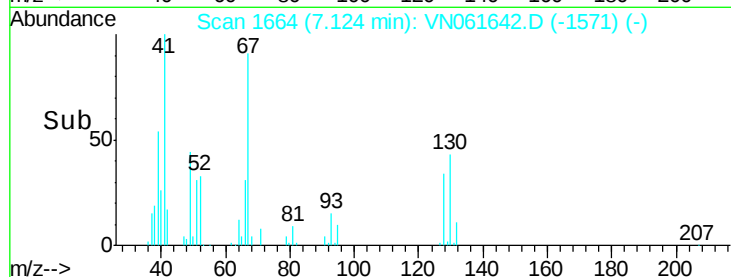
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.2	53.8	80.6	
67	119.3	91.1	136.7	
52	45.7	36.0	54.0	

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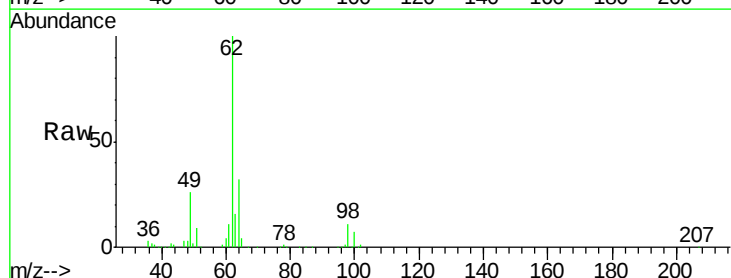


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

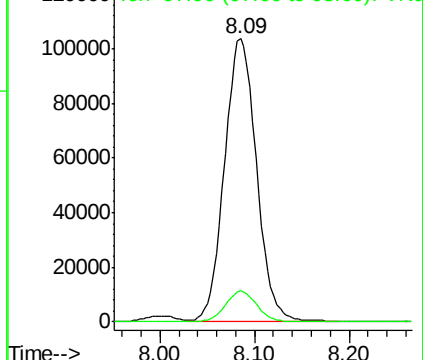
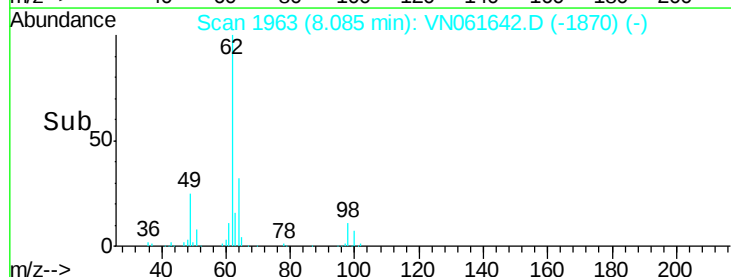


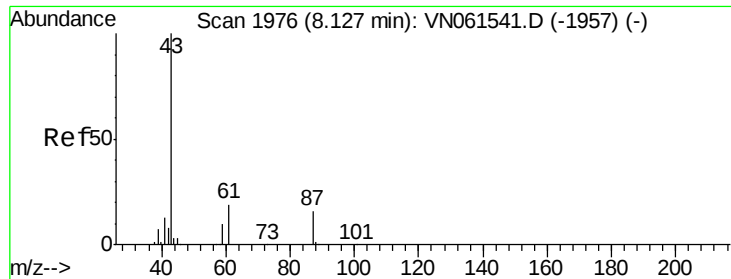
#42
1,2-Dichloroethane
Concen: 48.099 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	0.0	21.4	



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





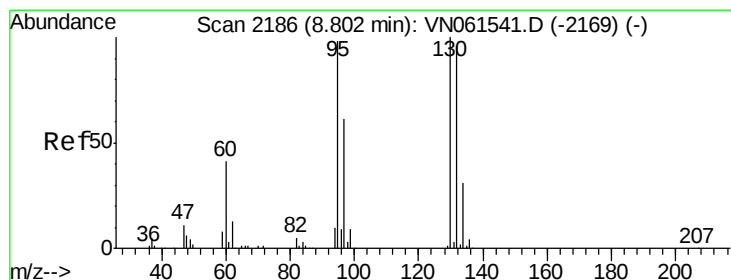
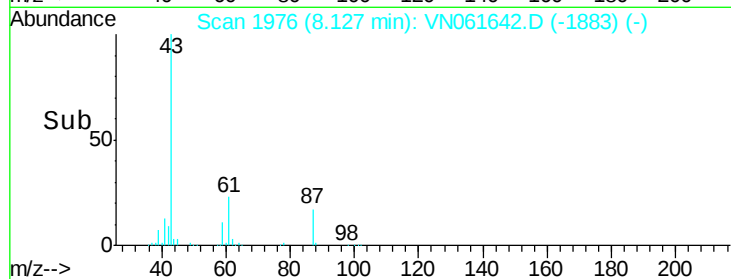
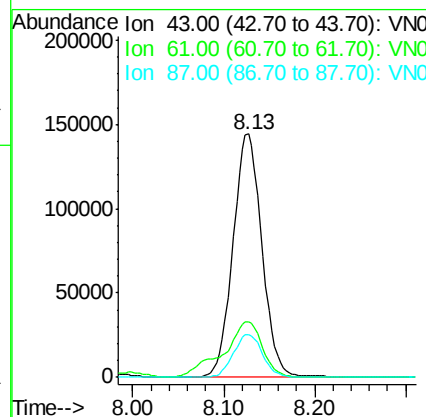
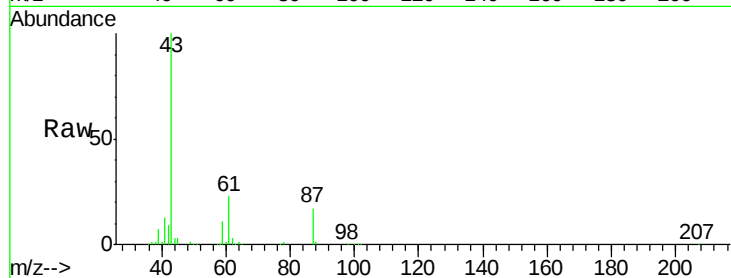
#43
Isopropyl Acetate
Concen: 44.802 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.2	23.6	35.4
87	17.8	13.0	19.6

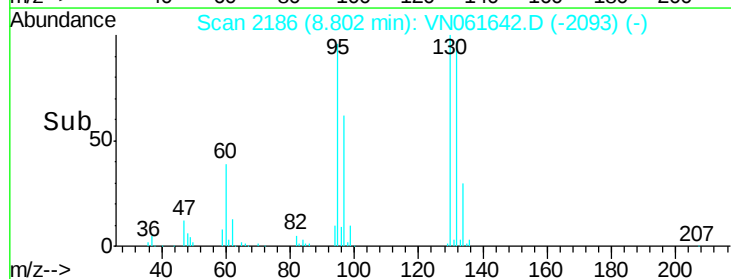
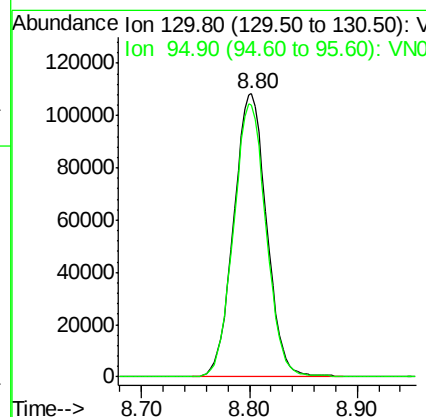
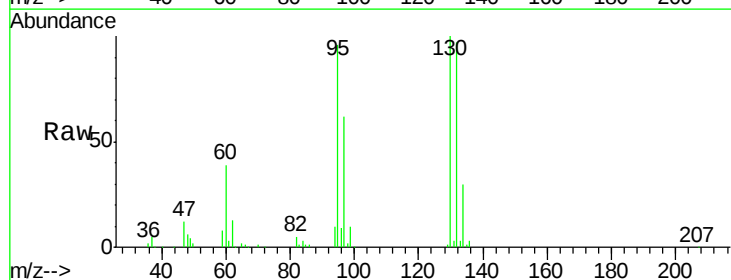
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#44
Trichloroethene
Concen: 49.691 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	196.6





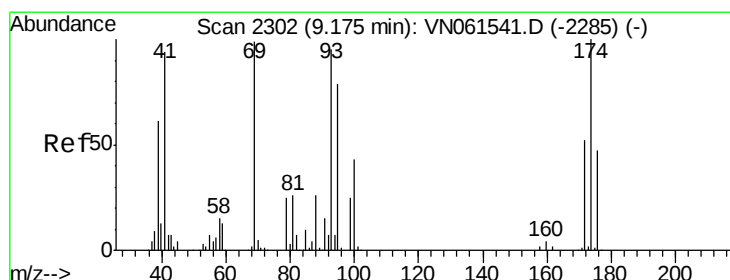
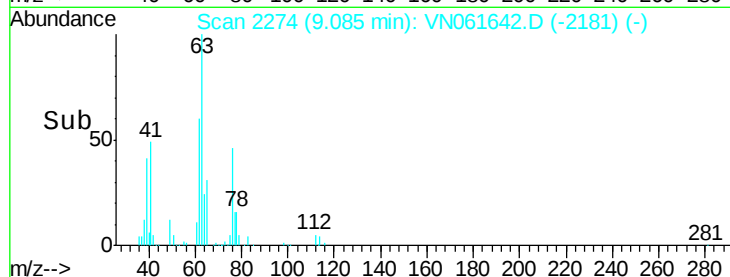
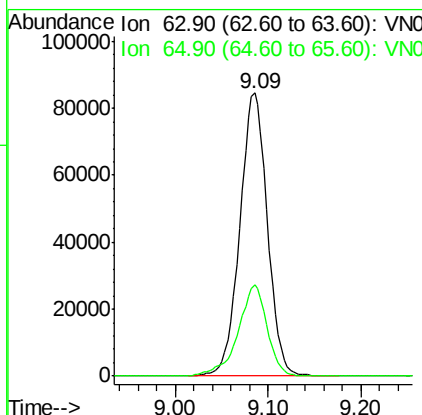
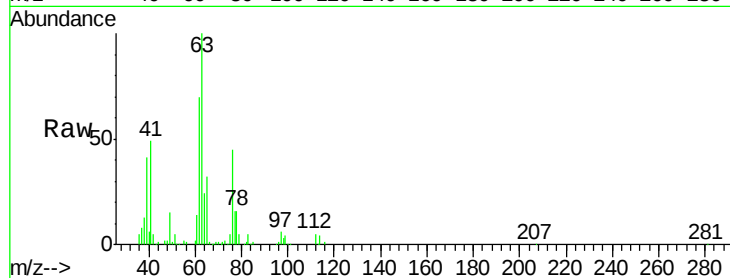
#45
 1,2-Dichloropropane
 Concen: 48.640 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 174234
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.7 37.1

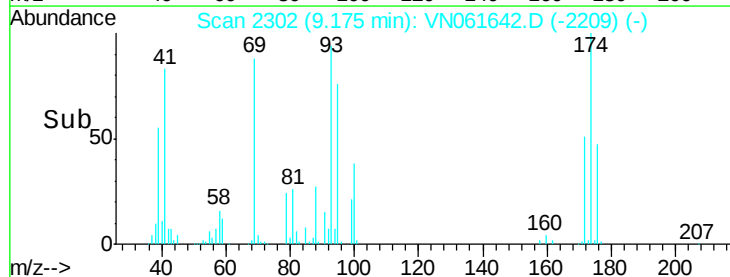
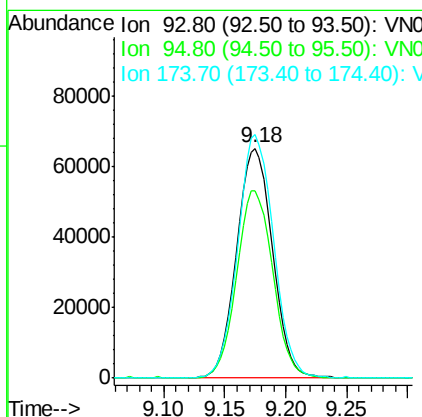
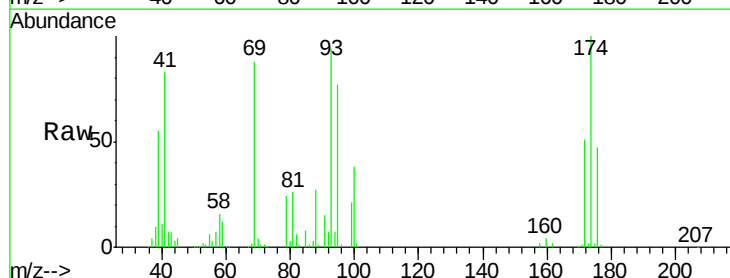
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#46
 Dibromomethane
 Concen: 48.435 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion: 93 Resp: 133063
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.0 99.0
 174 105.7 82.5 123.7





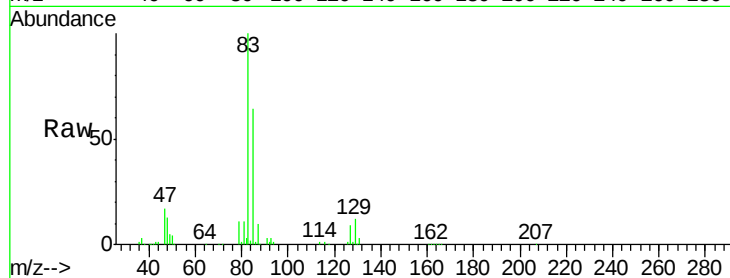
#47
Bromodichloromethane
Concen: 49.311 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

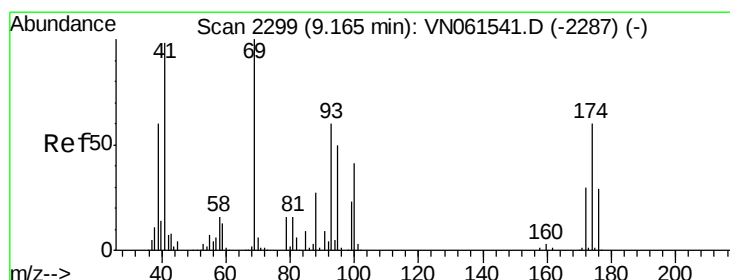
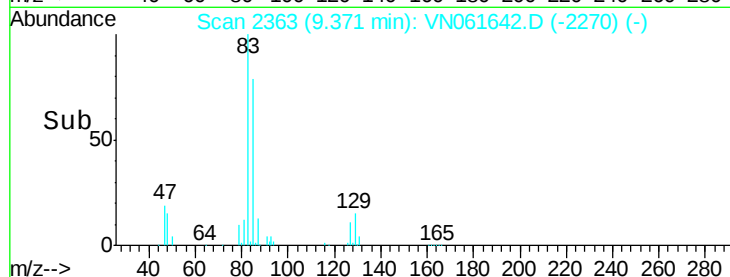
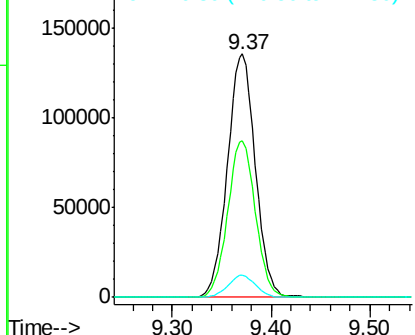
Tot Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.1	76.7
127	9.3	7.2	10.8

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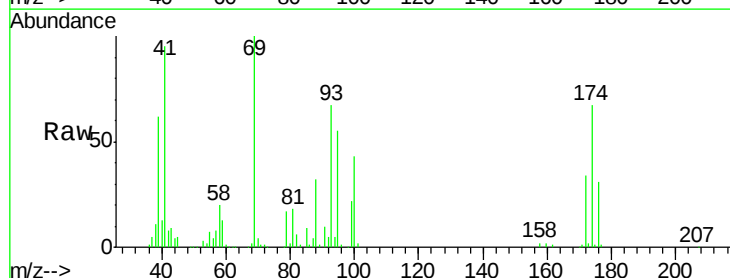


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

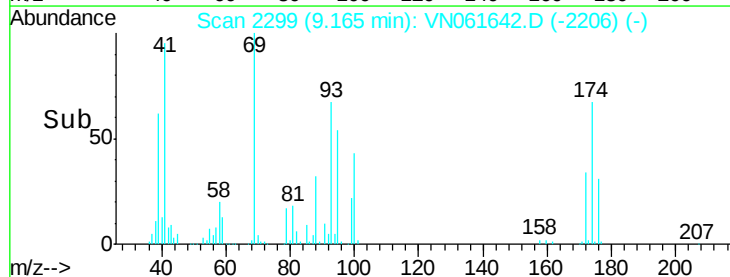
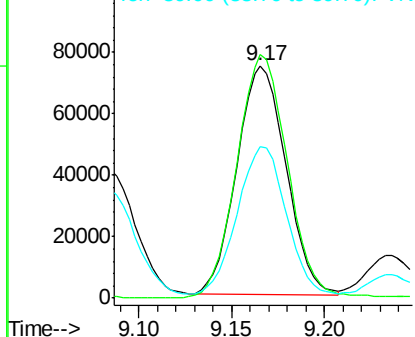


#48
Methyl methacrylate
Concen: 43.187 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
41	100		
69	109.6	83.9	125.9
39	67.5	52.1	78.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





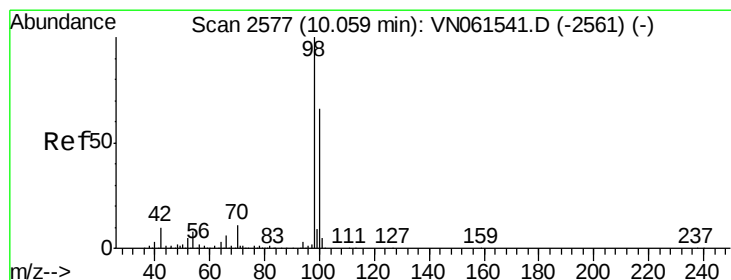
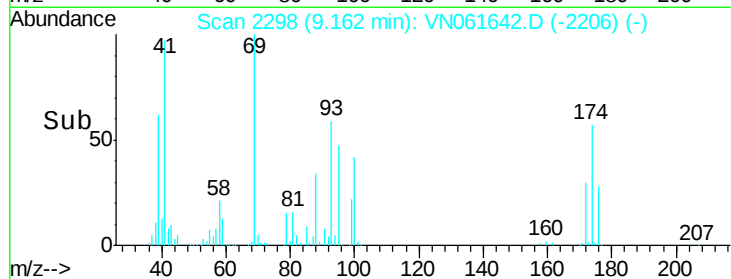
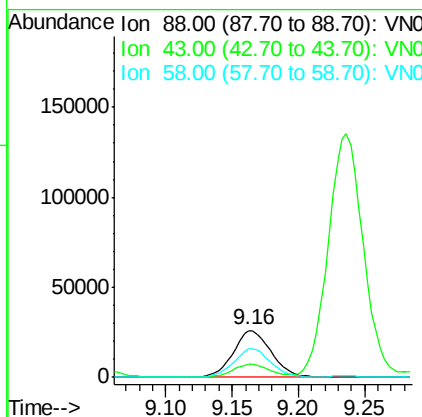
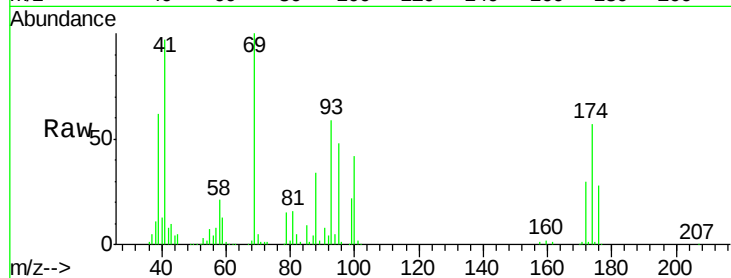
#49
1,4-Dioxane
Concen: 1045.741 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	51639
Ion	Ratio	Lower	Upper
88	100		
43	27.9	23.1	34.7
58	60.3	48.3	72.5

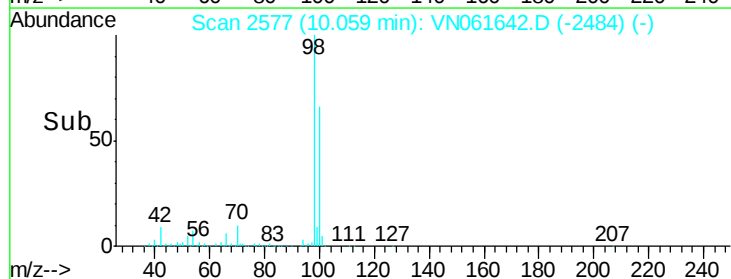
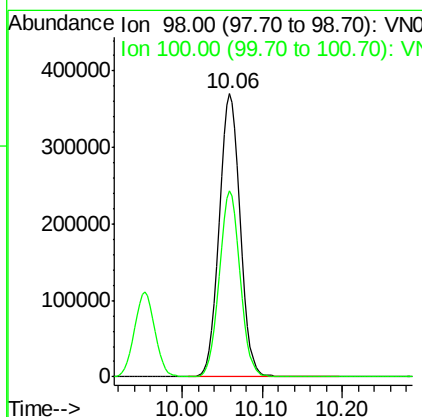
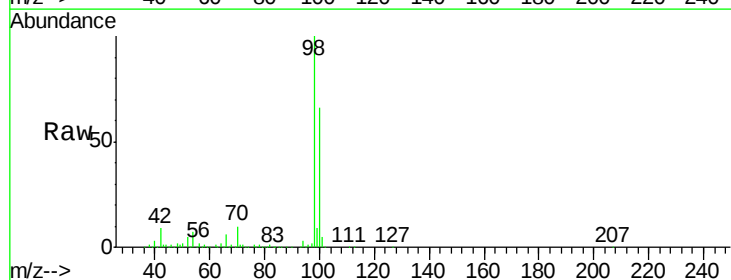
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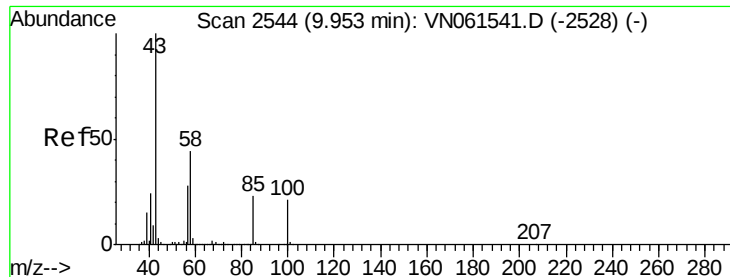
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#50
Toluene-d8
Concen: 51.891 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	98	Resp	673713
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 229.347 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 915650

Ion Ratio Lower Upper

43 100

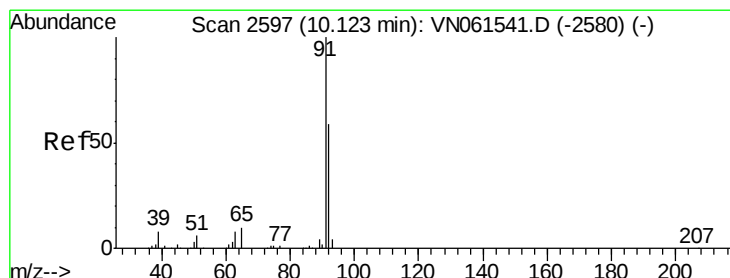
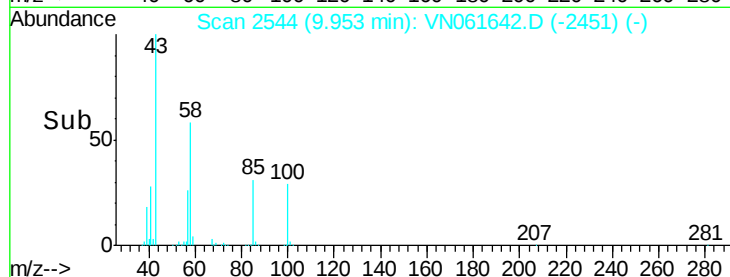
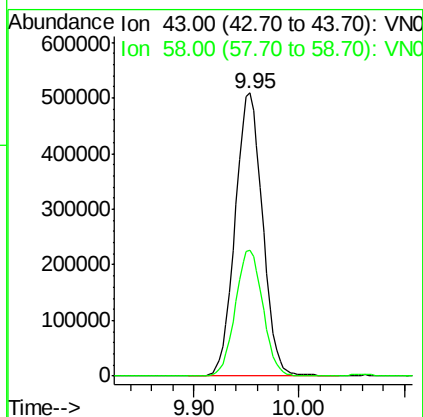
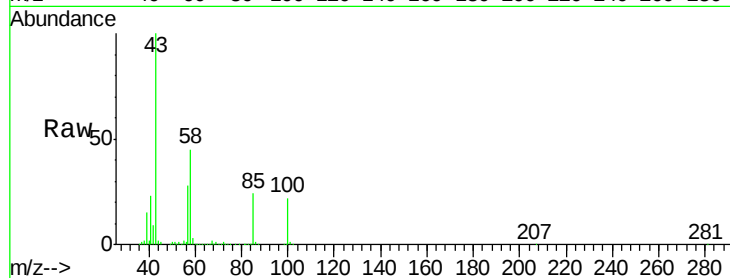
58 44.7 35.0 52.6

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#52

Toluene

Concen: 50.442 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061642.D

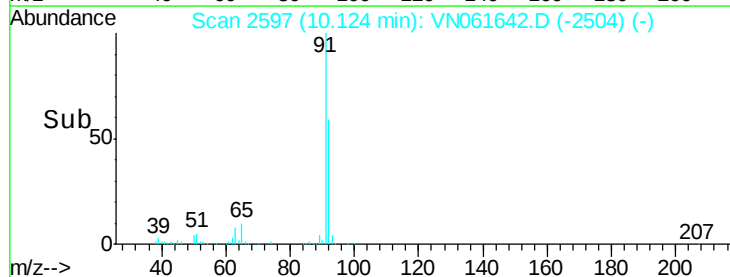
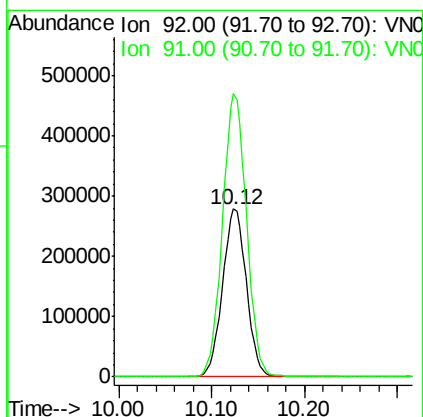
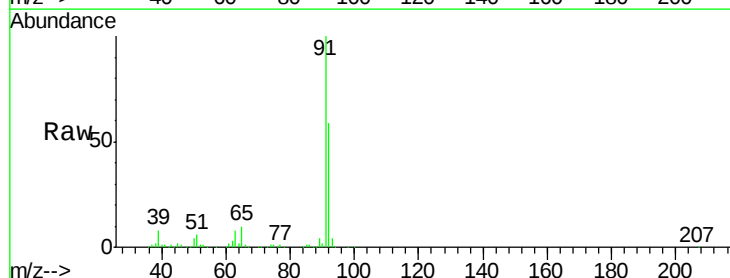
Acq: 3 Jun 2020 17:02

Tgt Ion: 92 Resp: 496648

Ion Ratio Lower Upper

92 100

91 169.9 136.4 204.6





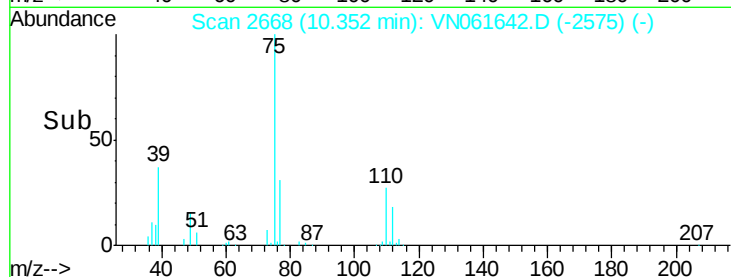
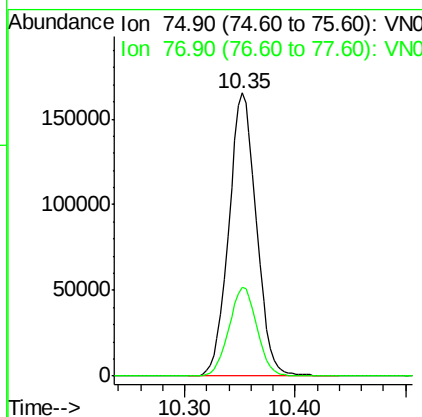
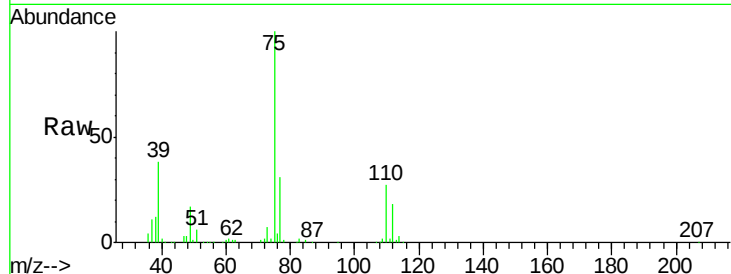
#53
t-1,3-Dichloropropene
Concen: 48.879 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 286602
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.4

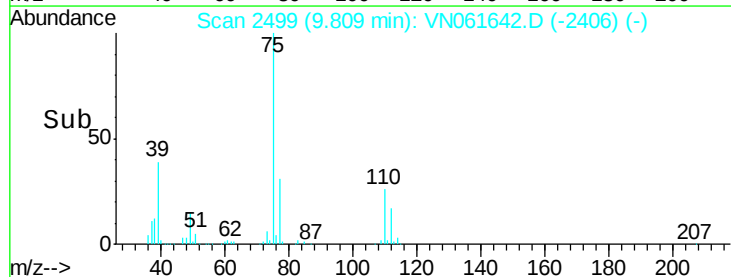
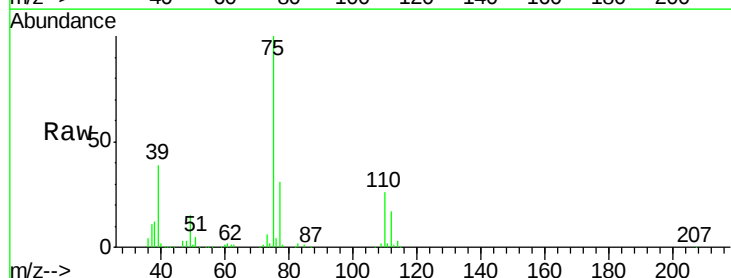
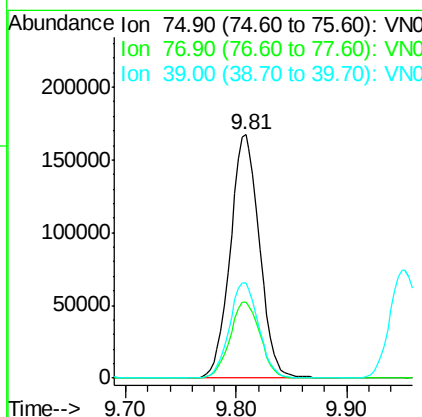
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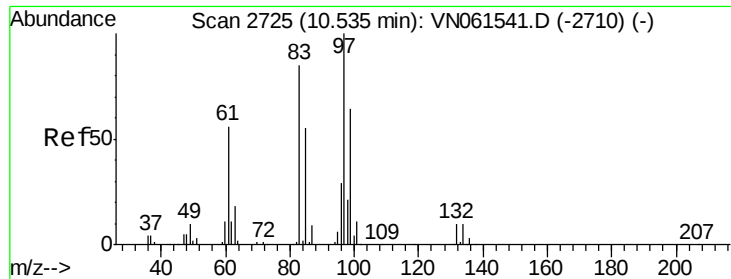
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#54
cis-1,3-Dichloropropene
Concen: 48.679 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 75 Resp: 306903
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2
39 38.8 33.8 50.6





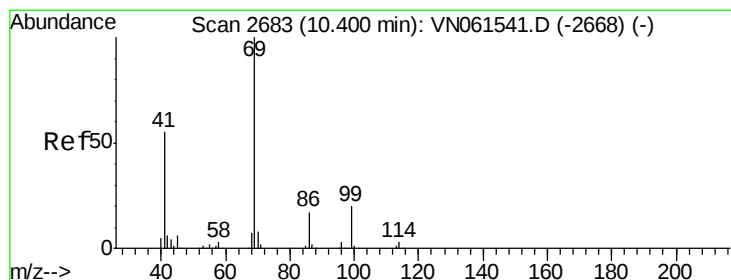
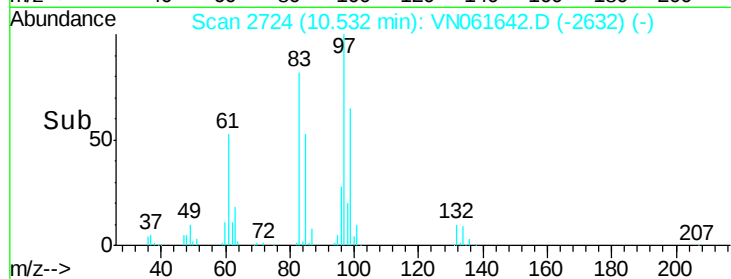
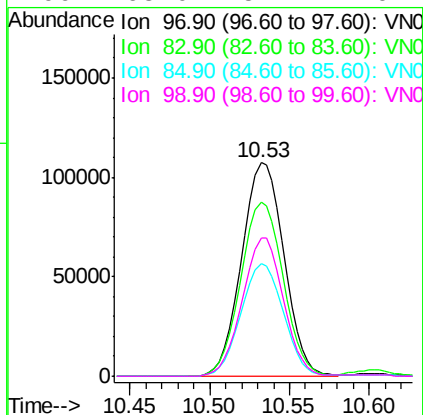
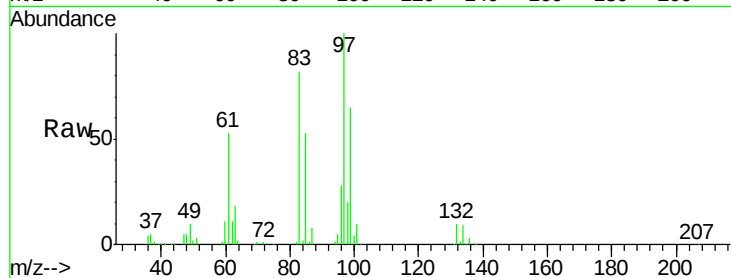
#55
 1,1,2-Trichloroethane
 Concen: 49.556 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	194393
Ion	Ratio	Lower	Upper
97	100		
83	81.8	68.1	102.1
85	53.0	44.1	66.1
99	65.0	51.1	76.7

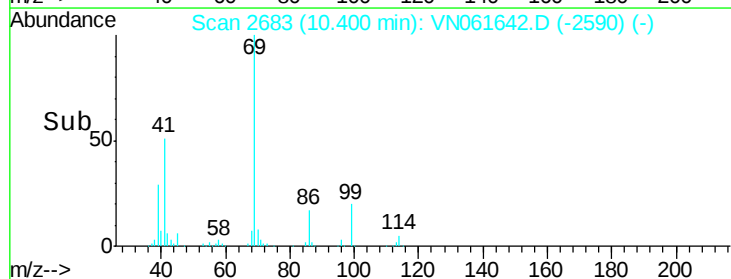
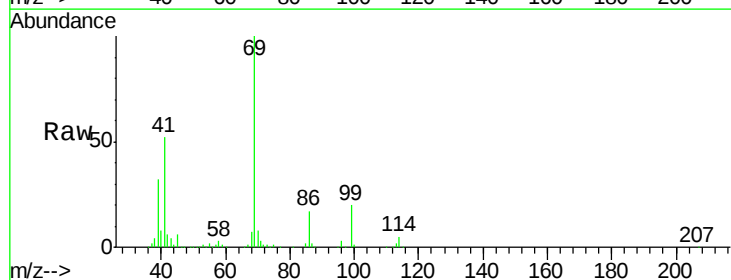
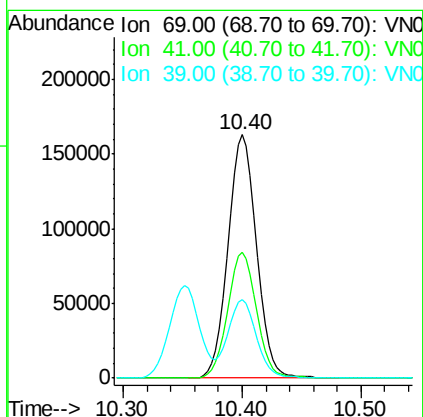
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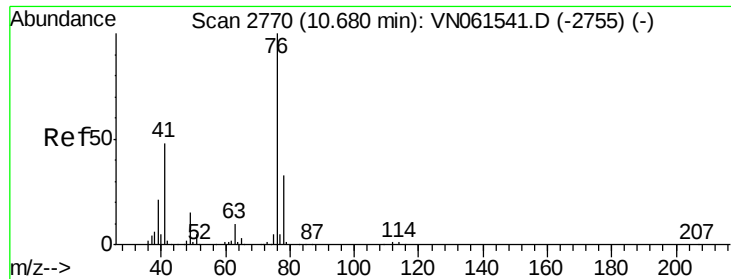
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#56
 Ethyl methacrylate
 Concen: 49.351 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion:	69	Resp:	270428
Ion	Ratio	Lower	Upper
69	100		
41	51.4	43.5	65.3
39	32.0	27.0	40.6





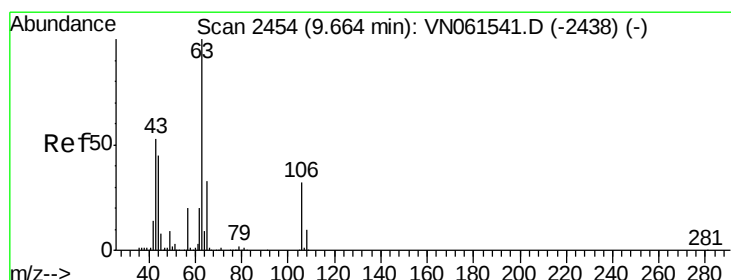
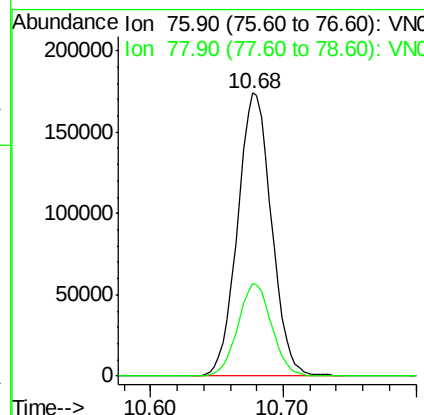
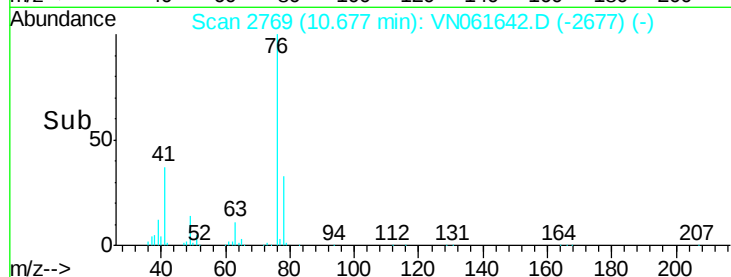
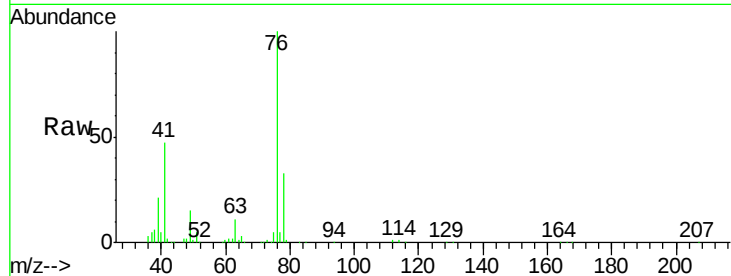
#57
 1,3-Dichloropropane
 Concen: 49.315 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.3	39.5

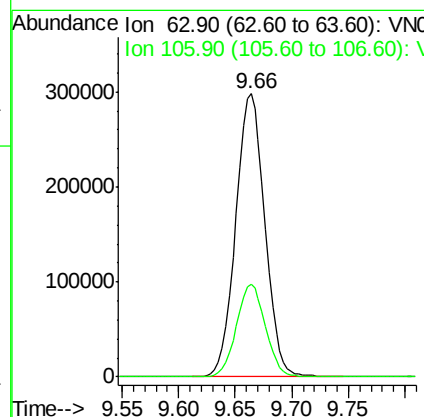
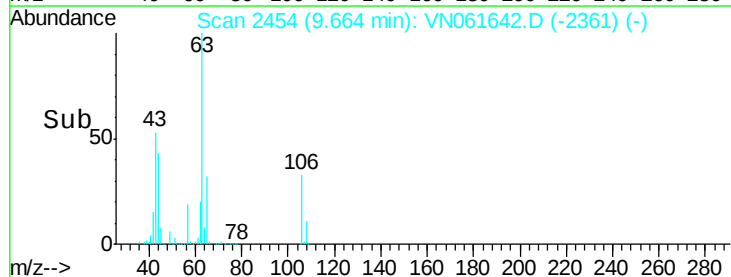
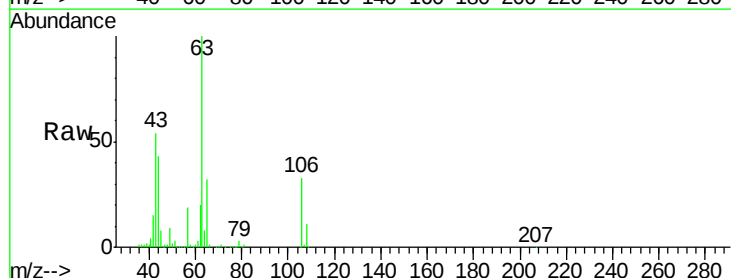
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#58
 2-Chloroethyl Vinyl ether
 Concen: 227.905 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.6	25.9	38.9





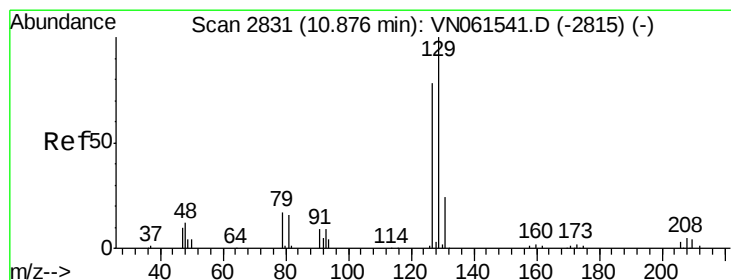
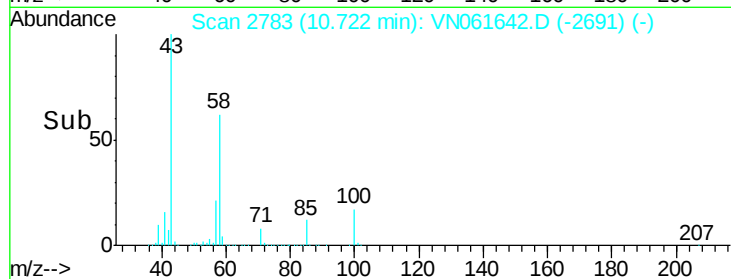
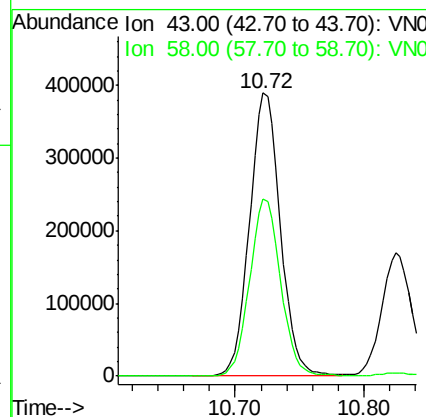
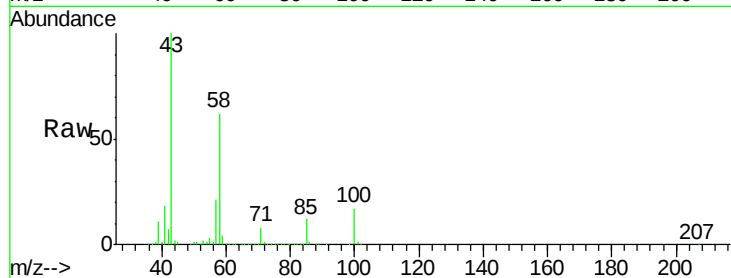
#59
2-Hexanone
Concen: 226.074 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 648212
Ion Ratio Lower Upper
43 100
58 63.2 30.7 92.1

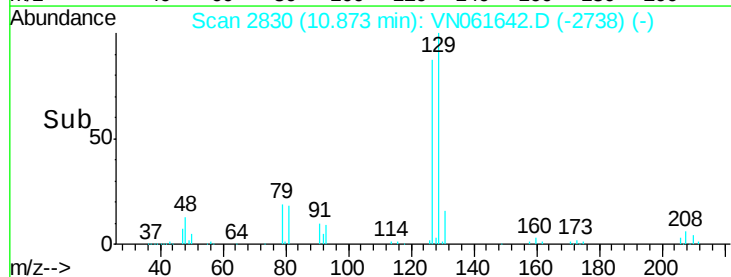
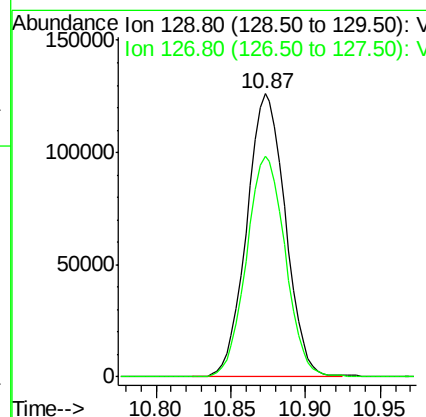
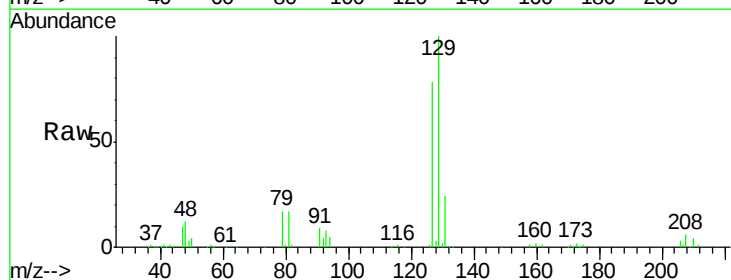
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#60
Dibromochloromethane
Concen: 50.850 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 129 Resp: 226769
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.845 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 208016

Ion Ratio Lower Upper

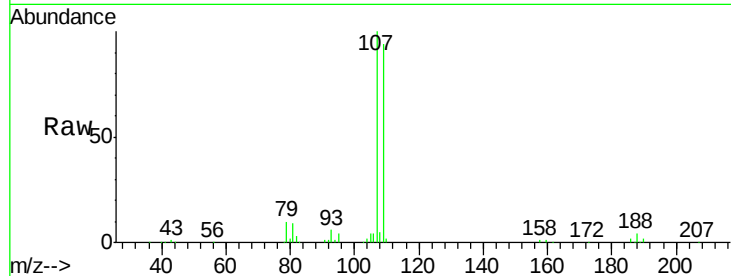
107 100

109 93.2 76.1 114.1

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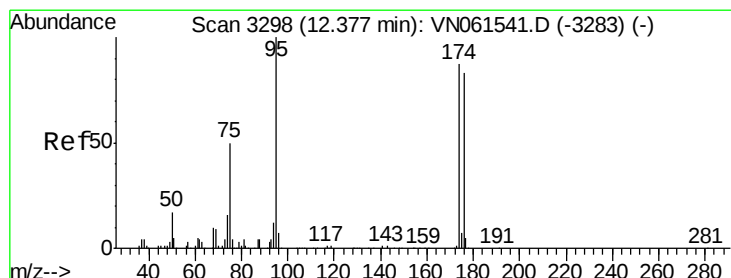
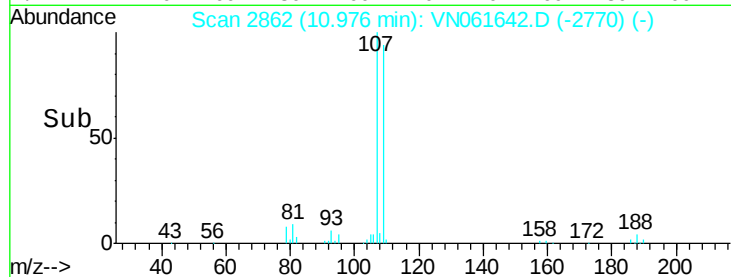
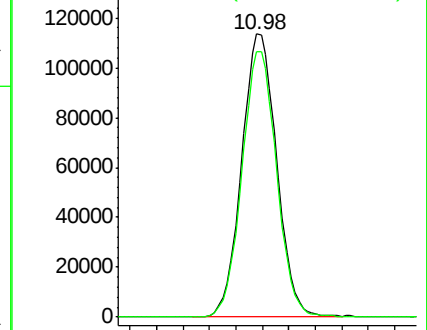
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.737 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

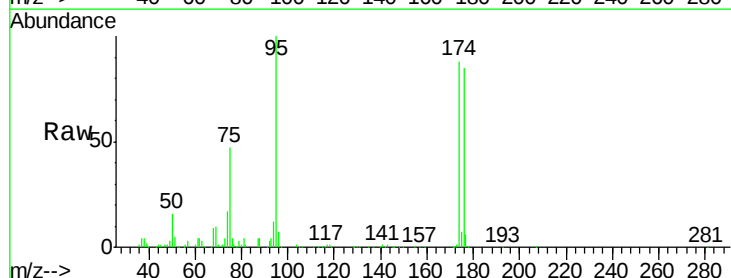
Tgt Ion: 95 Resp: 245064

Ion Ratio Lower Upper

95 100

174 88.9 0.0 172.8

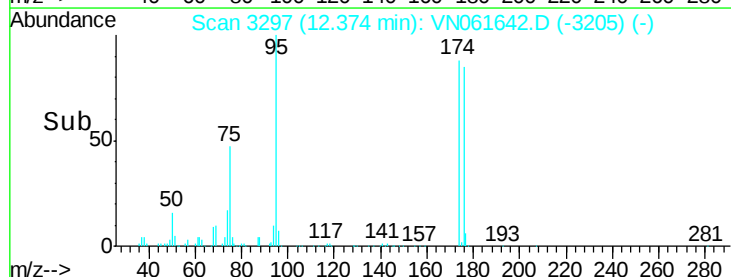
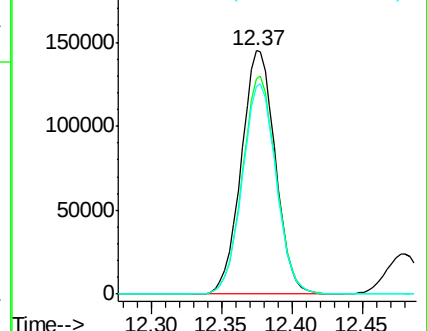
176 86.3 0.0 164.8

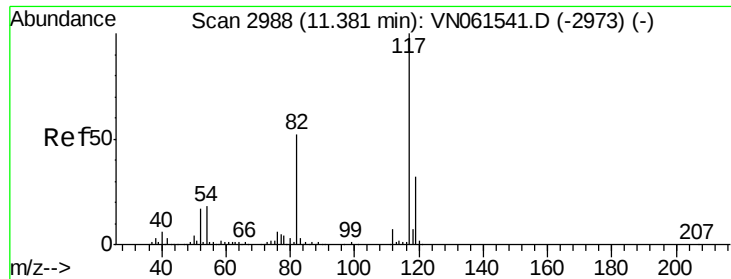


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





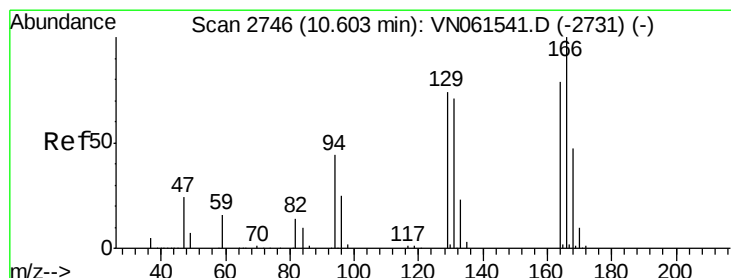
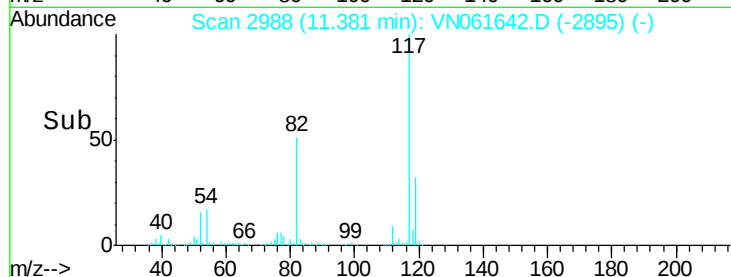
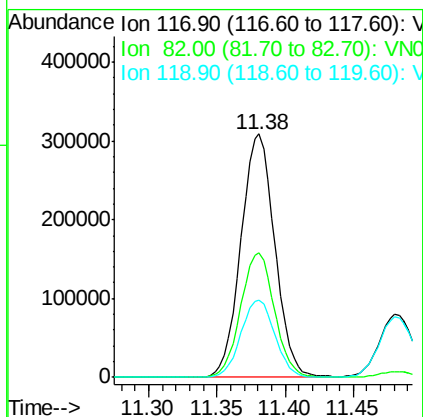
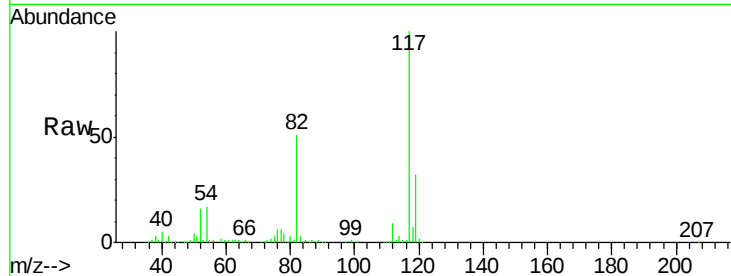
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.5	62.3
119	32.0	25.6	38.4

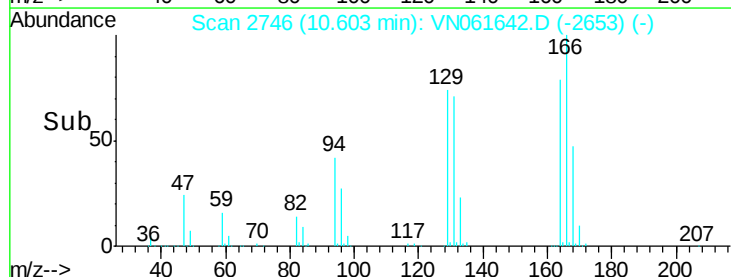
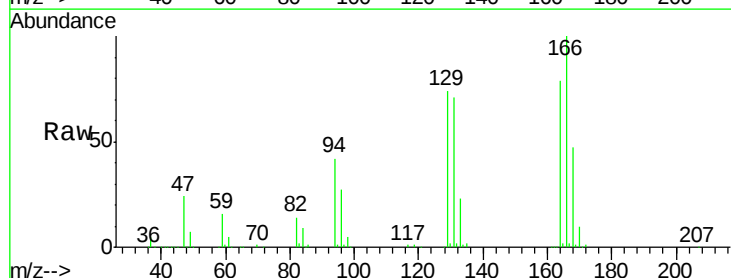
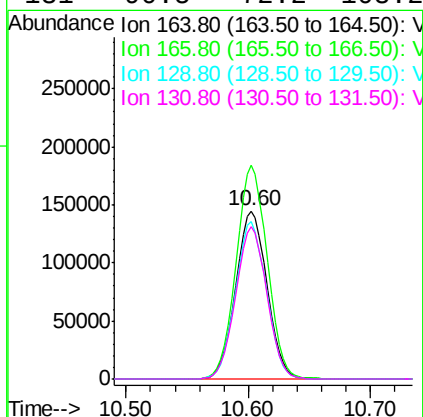
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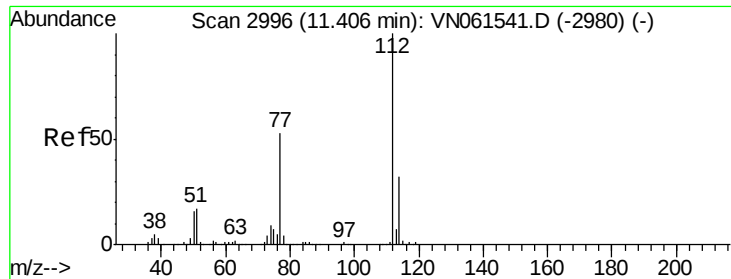
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#64
Tetrachloroethene
Concen: 51.151 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	101.5	152.3
129	93.7	74.9	112.3
131	90.5	72.2	108.2





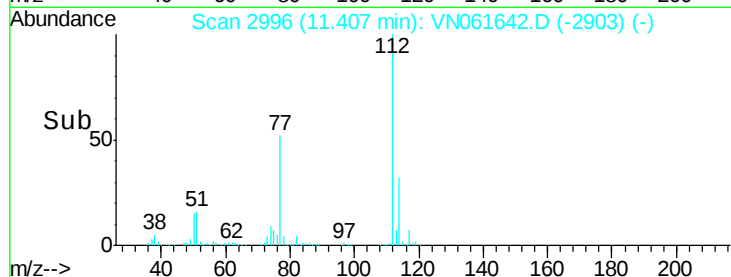
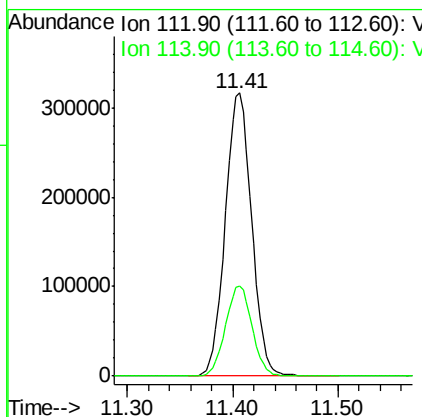
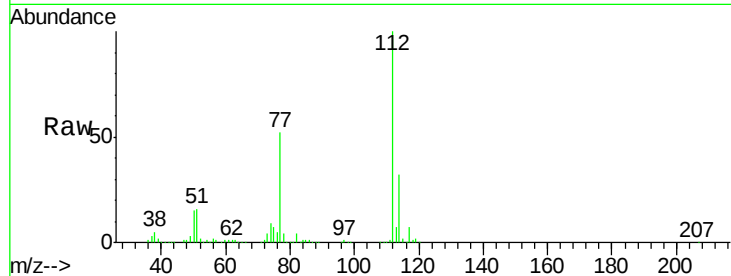
#65
Chlorobenzene
Concen: 49.245 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.7	38.5

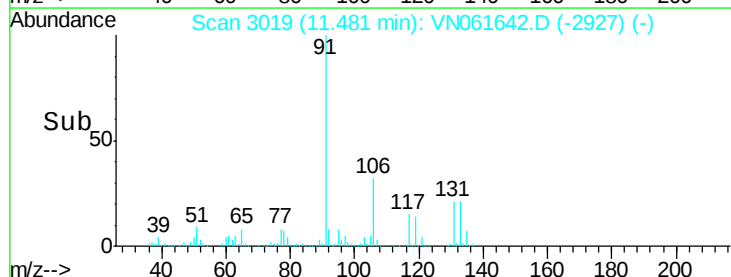
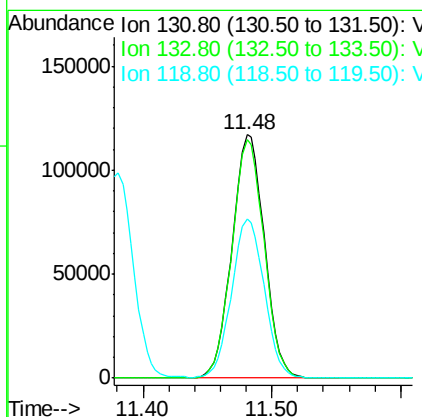
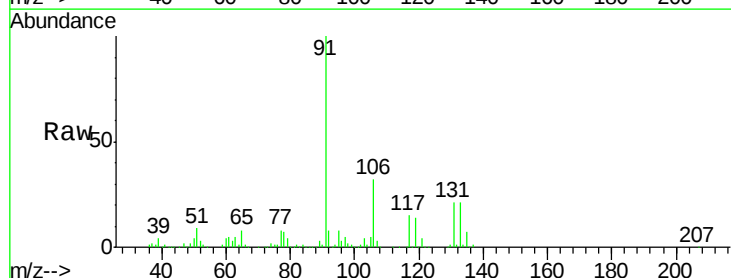
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.399 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.6	47.4	142.2
119	66.1	32.6	97.8





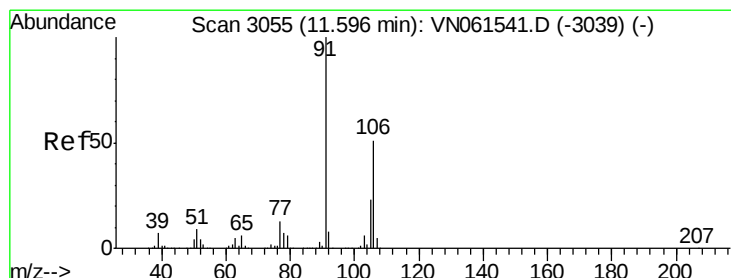
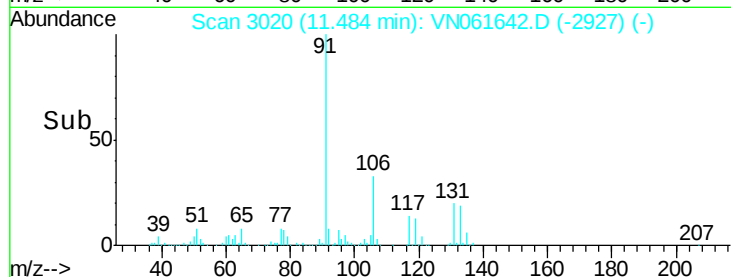
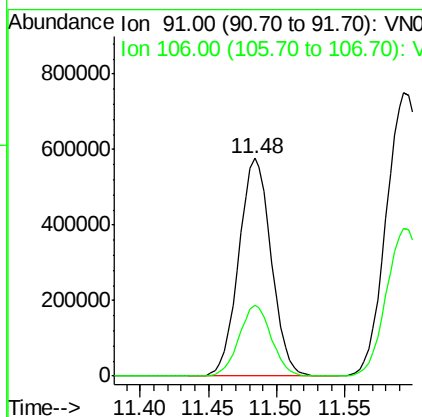
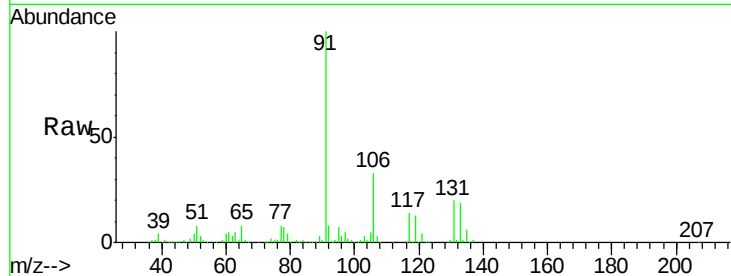
#67
Ethyl Benzene
Concen: 49.733 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 953122
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4

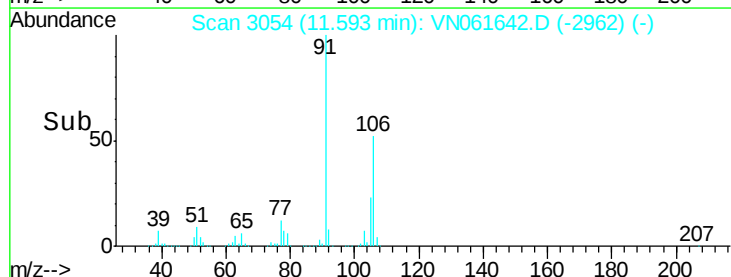
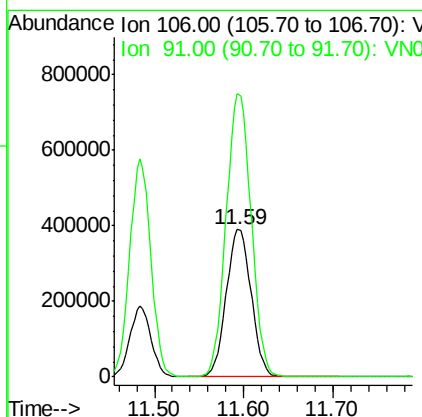
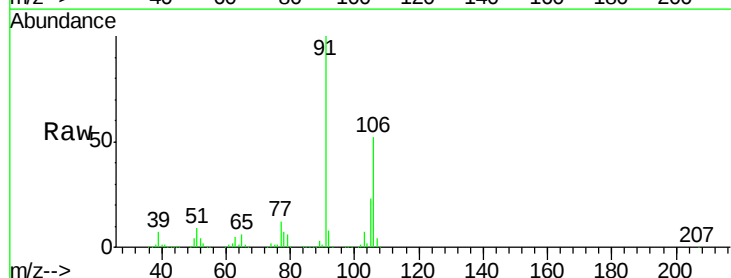
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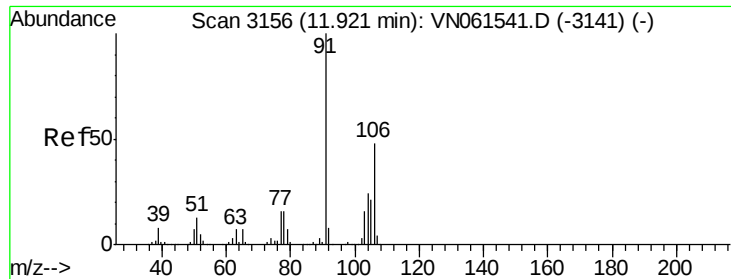
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#68
m/p-Xylenes
Concen: 99.173 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 106 Resp: 753599
Ion Ratio Lower Upper
106 100
91 193.7 156.2 234.4





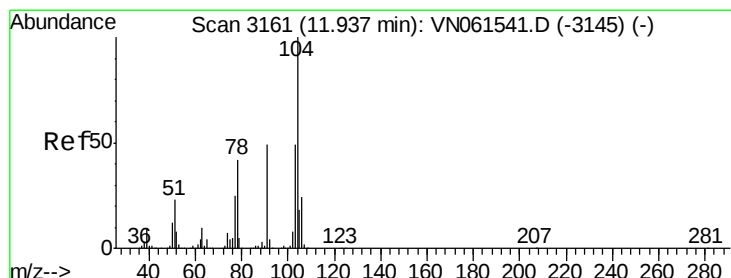
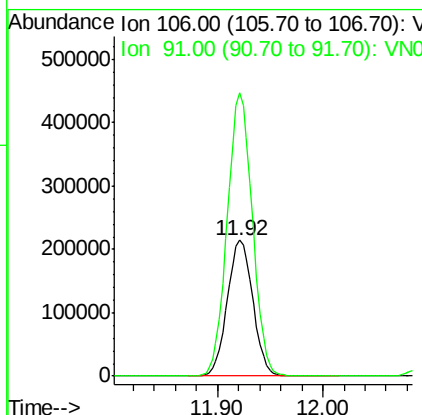
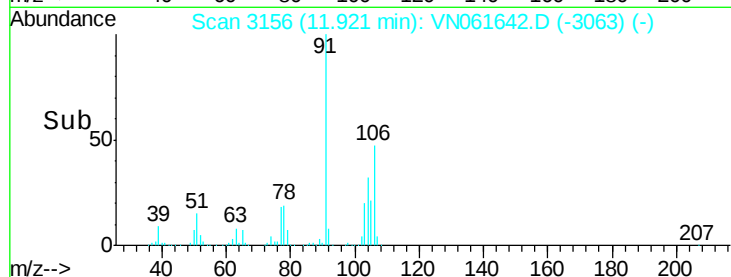
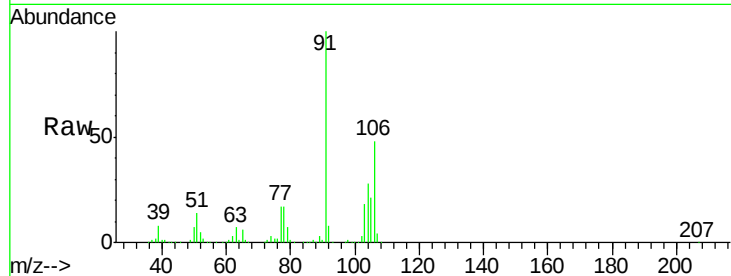
#69
o-Xylene
Concen: 49.852 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	204.6	103.3	359803		309.8

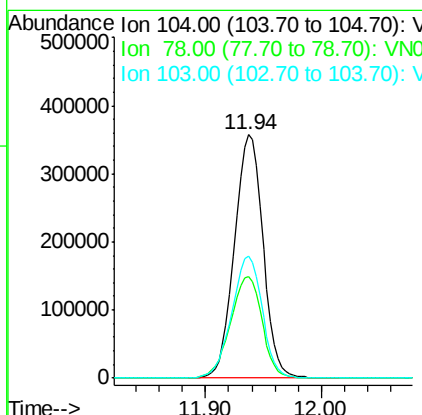
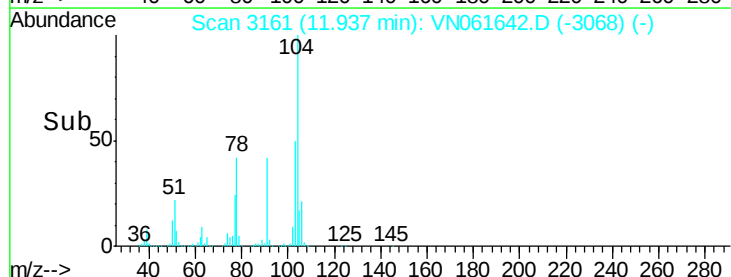
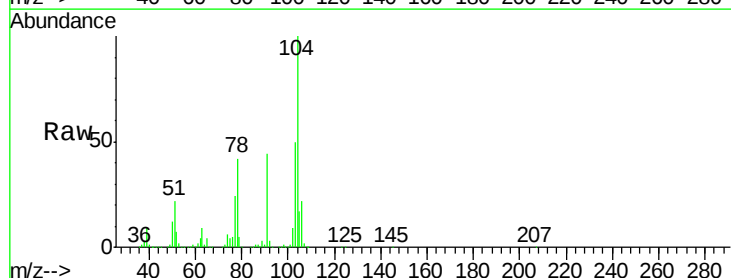
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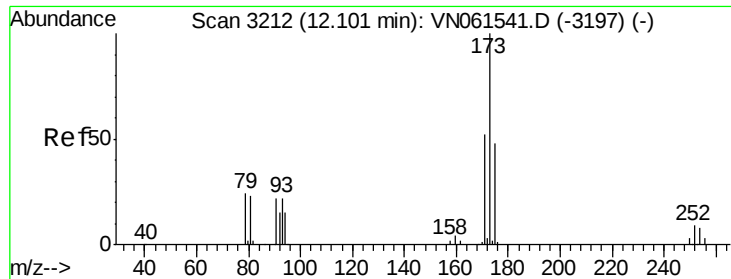
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#70
Styrene
Concen: 50.908 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	46.1	37.4	608471		56.0
103	53.5	42.3			63.5





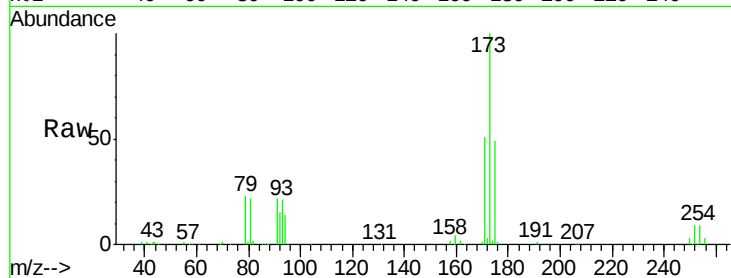
#71
Bromoform
Concen: 50.708 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.4	73.2
254	0.0	0.0	0.0

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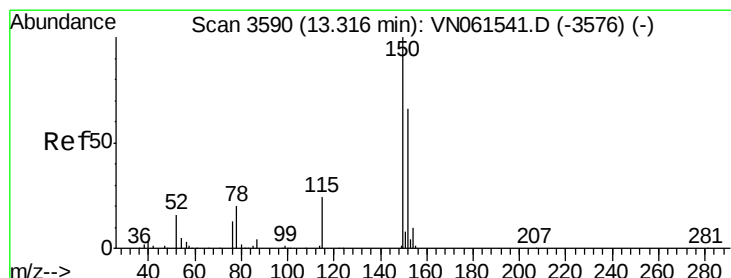
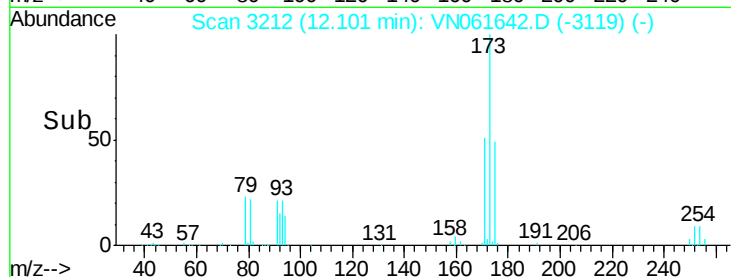
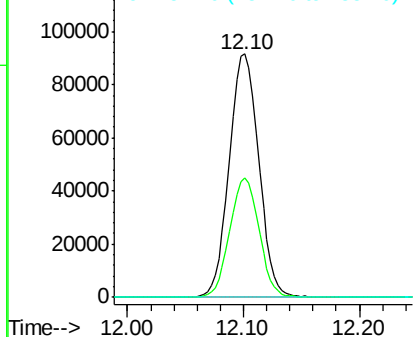


Abundance

Ion 172.70 (172.40 to 173.40): V

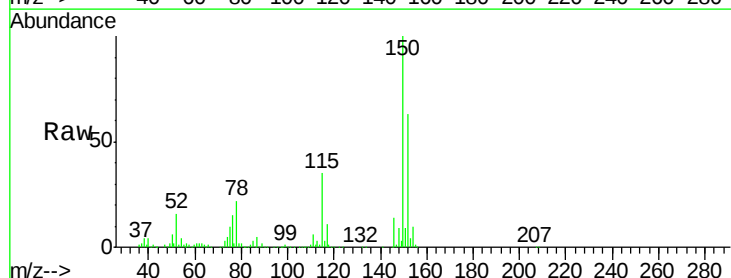
Ion 174.70 (174.40 to 175.40): V

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: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.0	84.0
150	173.3	0.0	344.0

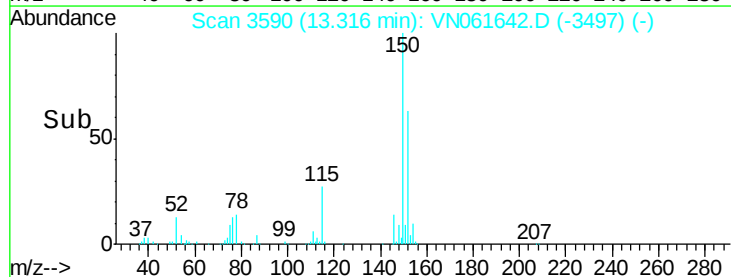
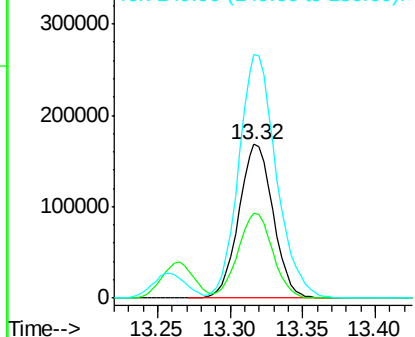


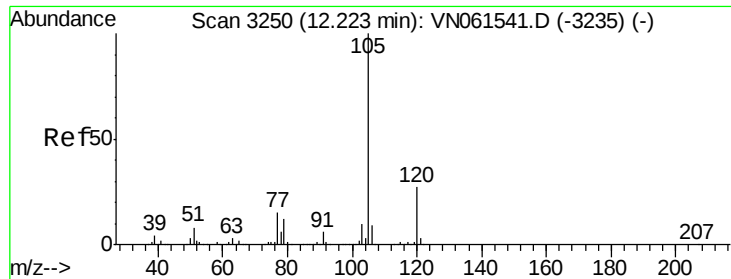
Abundance

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: 47.555 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 959506

Ion Ratio Lower Upper

105 100

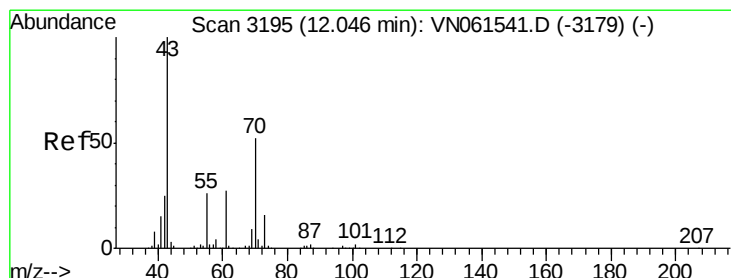
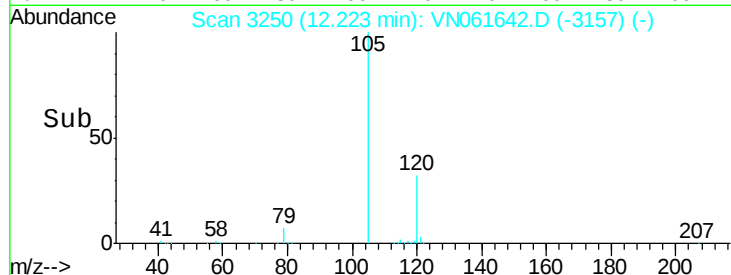
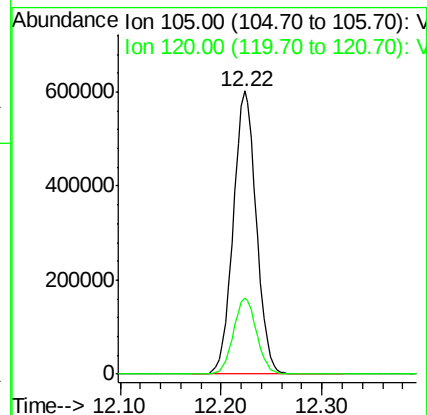
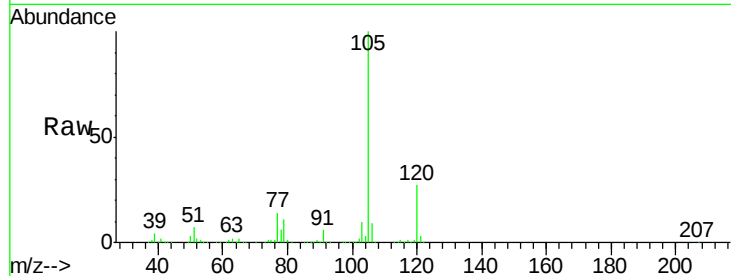
120 27.2 13.8 41.3

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#74

N-ethyl acetate

Concen: 44.682 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Tgt Ion: 43 Resp: 283920

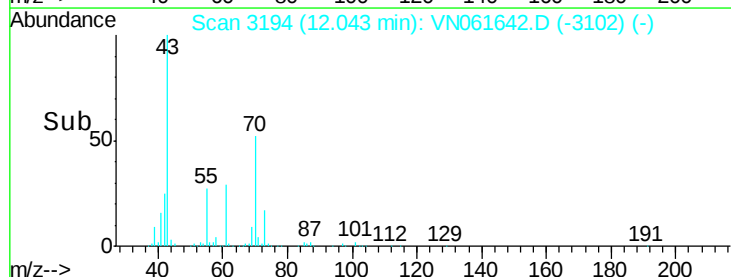
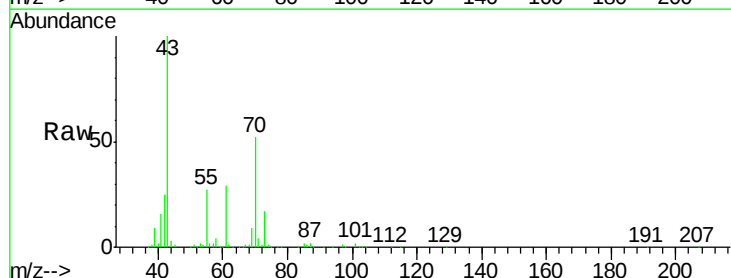
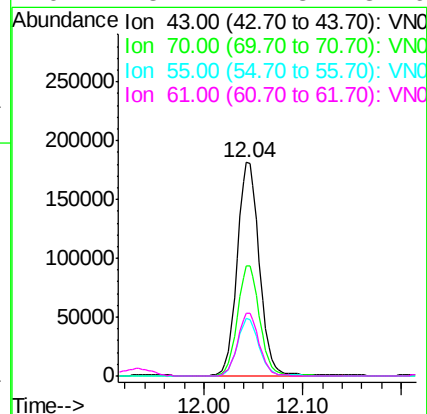
Ion Ratio Lower Upper

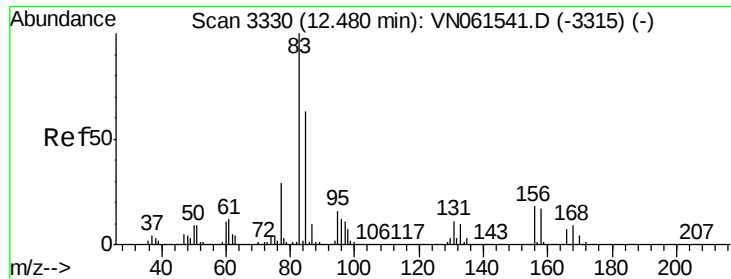
43 100

70 51.8 40.5 60.7

55 26.7 20.6 31.0

61 28.7 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 43.307 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

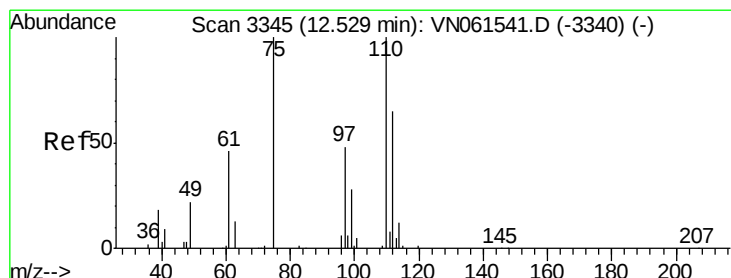
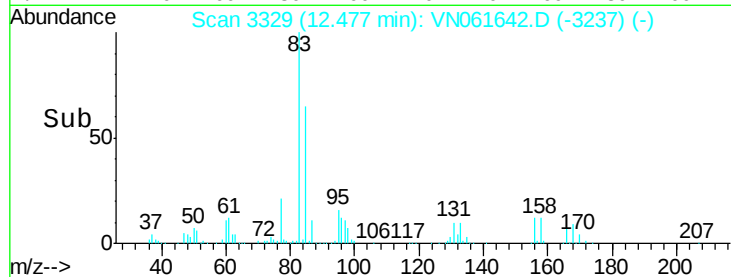
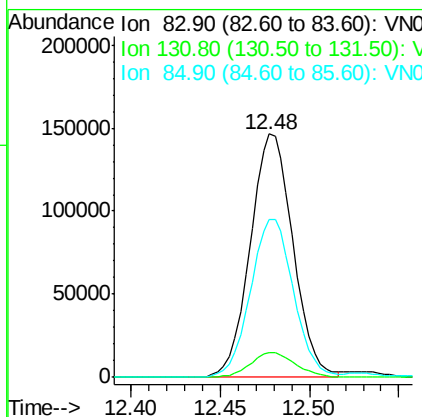
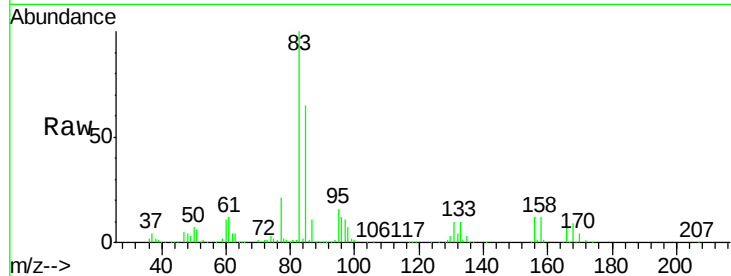
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	244865
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.5
85	65.5	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 43.049 ug/l m

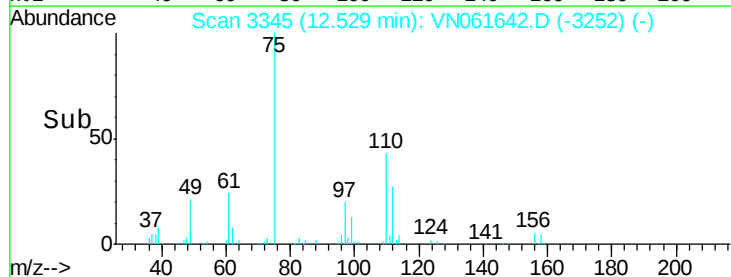
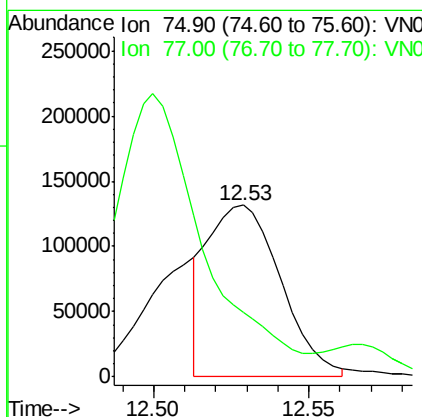
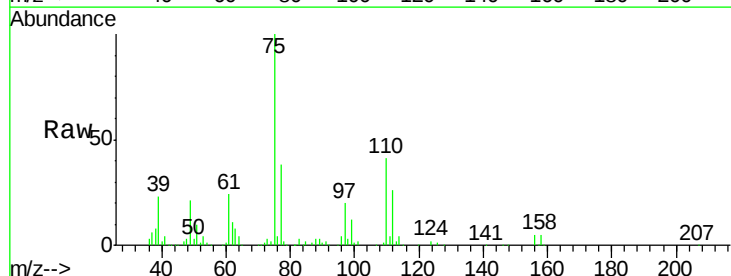
RT: 12.53 min Scan# 3345

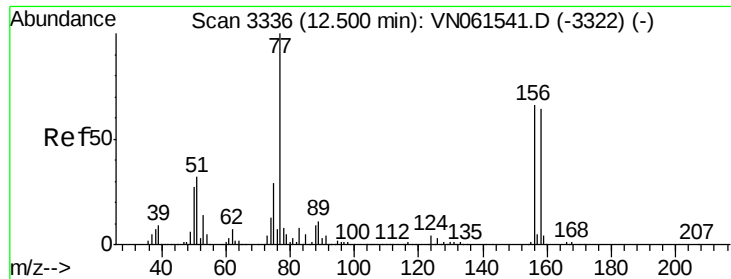
Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Tgt Ion:	75	Resp:	216402
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.602 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

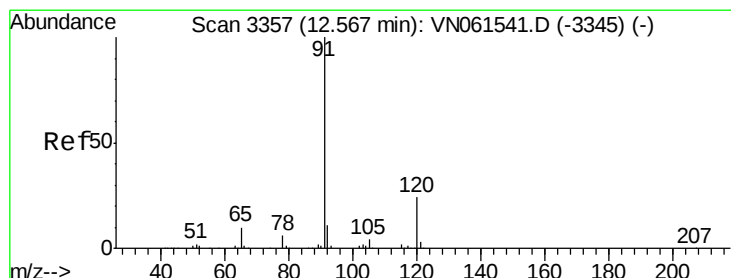
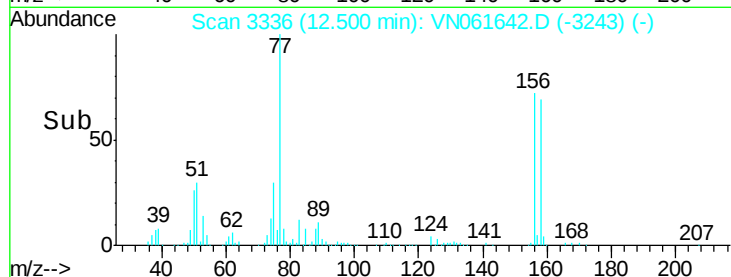
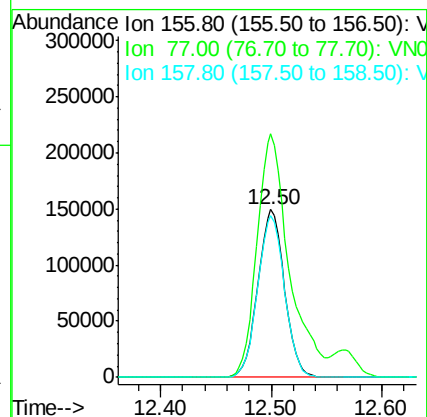
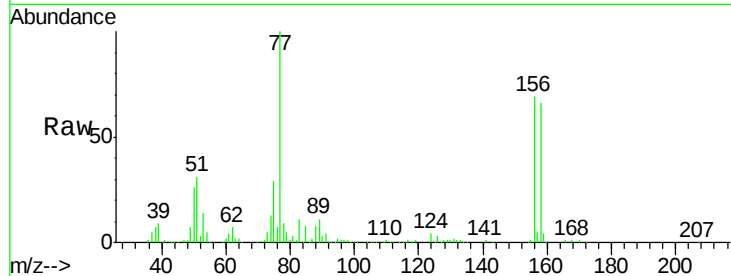
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	250317
Ion Ratio	Lower	Upper	
156	100		
77	176.0	90.9	272.7
158	97.2	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 47.316 ug/l

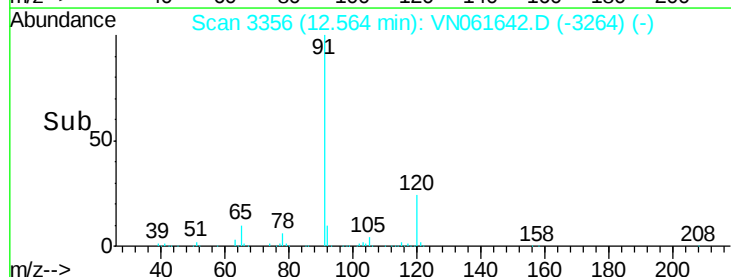
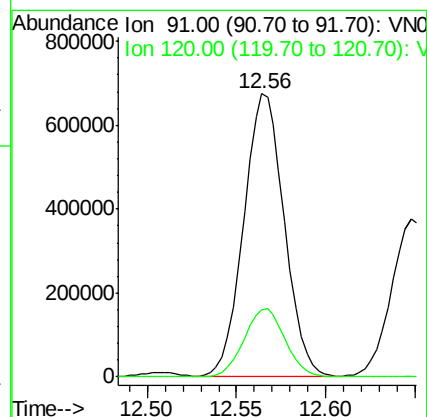
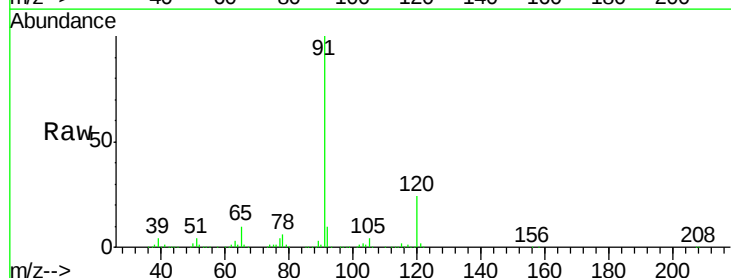
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Tgt Ion:	91	Resp:	1065789
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.3	36.9





#79

2-Chlorotoluene

Concen: 46.166 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 620069

Ion Ratio Lower Upper

91 100

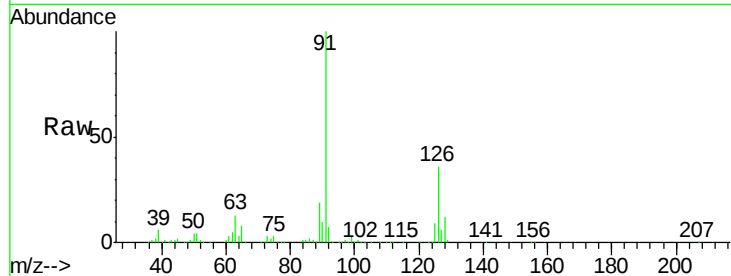
126 36.3 17.9 53.7

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Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3370) (-)

600000

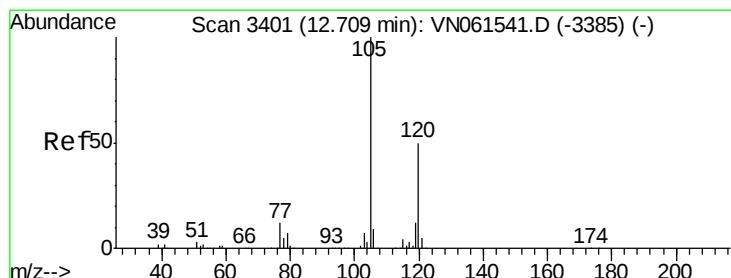
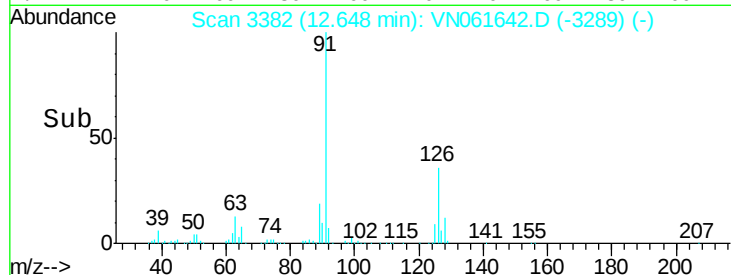
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.057 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061642.D

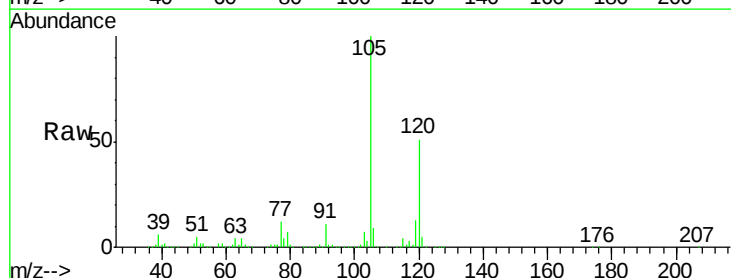
Acq: 3 Jun 2020 17:02

Tgt Ion: 105 Resp: 793578

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)

600000

500000

400000

300000

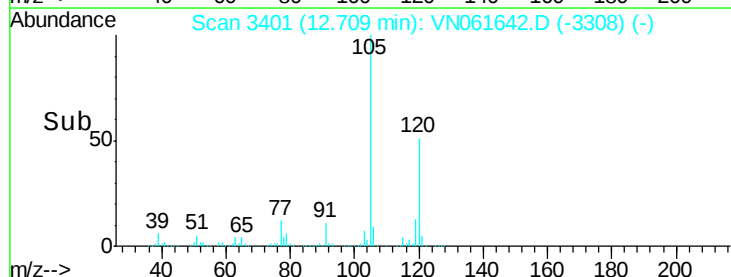
200000

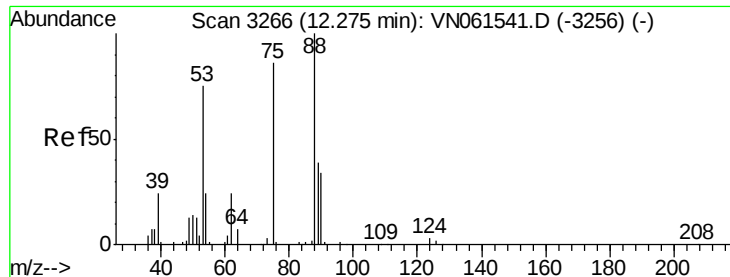
100000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 42.532 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

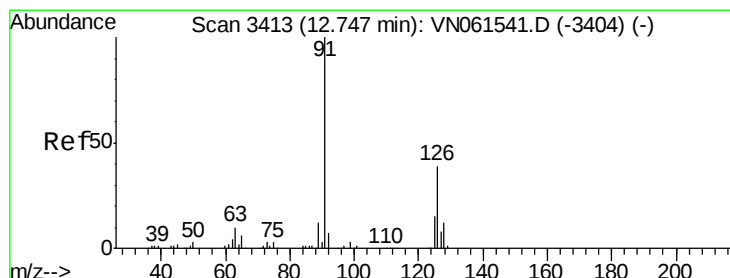
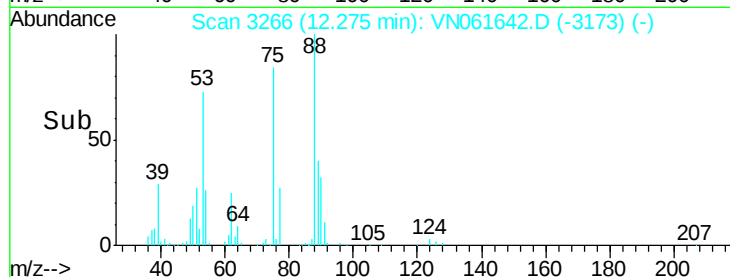
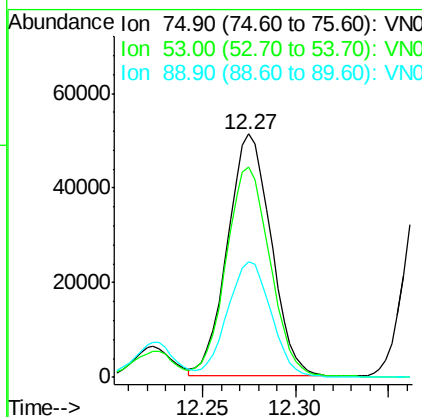
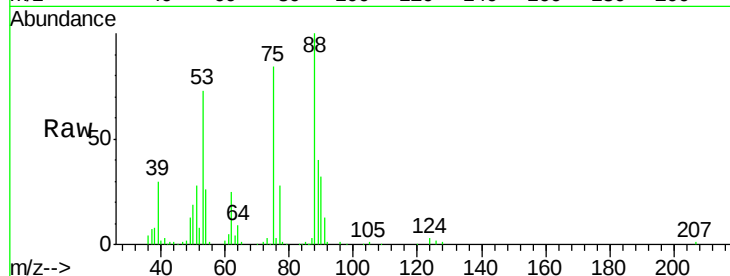
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	83605
Ion Ratio	Lower	Upper	
75	100		
53	88.4	67.8	101.8
89	48.0	37.1	55.7

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#82

4-Chlorotoluene

Concen: 46.088 ug/l

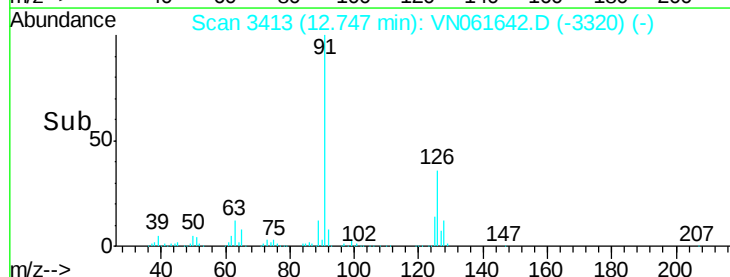
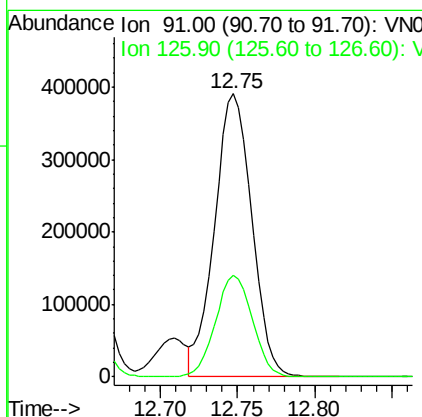
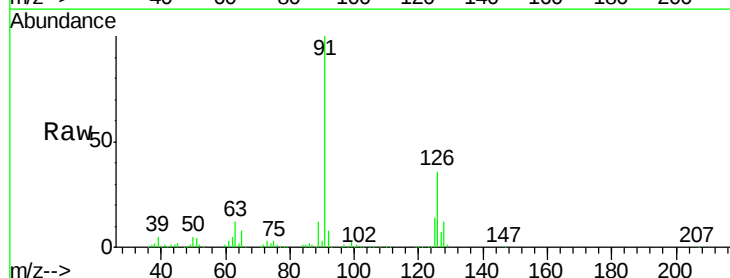
RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Tgt Ion:	91	Resp:	651219
Ion Ratio	Lower	Upper	
91	100		
126	35.8	17.5	52.6





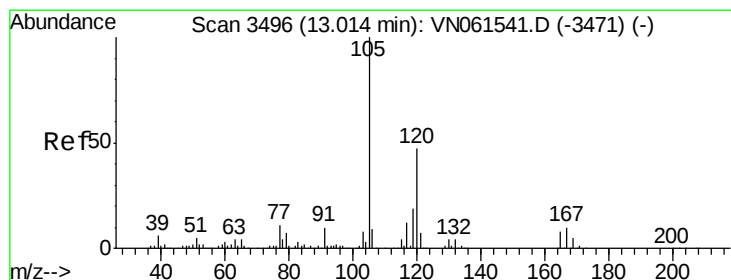
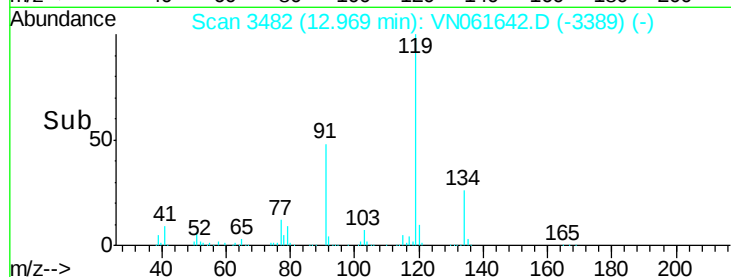
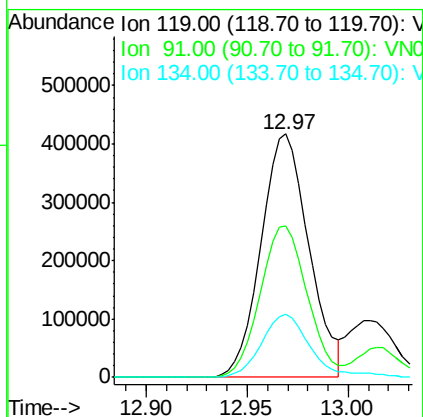
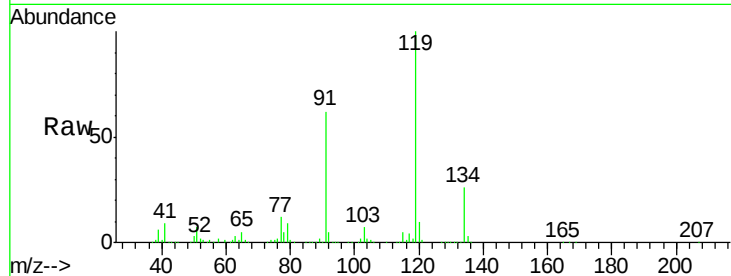
#83
tert-Butylbenzene
Concen: 46.200 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	31.3	93.8
134	26.7	13.5	40.4

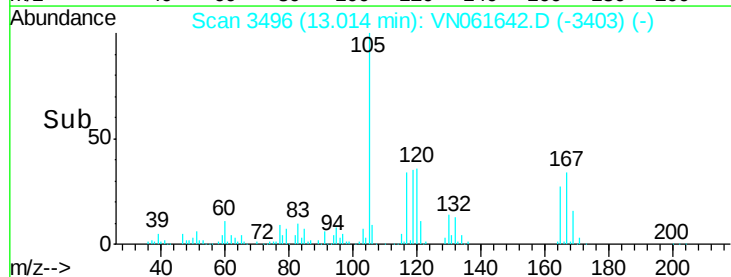
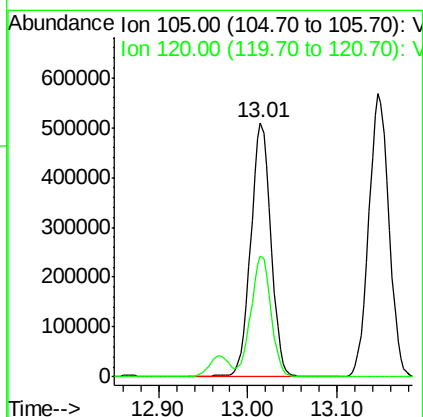
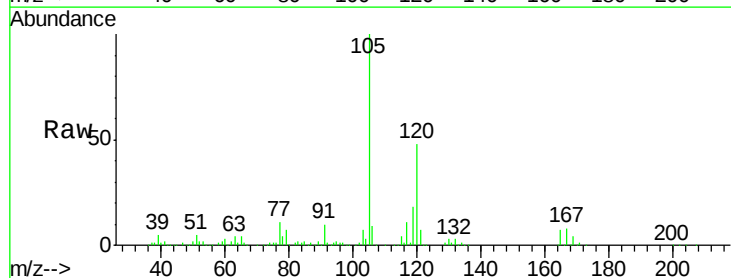
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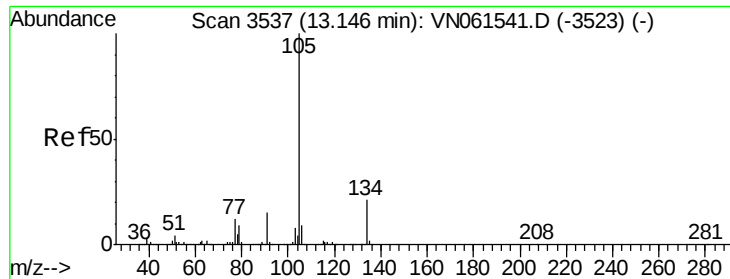
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#84
1,2,4-Trimethylbenzene
Concen: 48.029 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.2	69.5





#85

sec-Butylbenzene

Concen: 46.207 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 887185

Ion Ratio Lower Upper

105 100

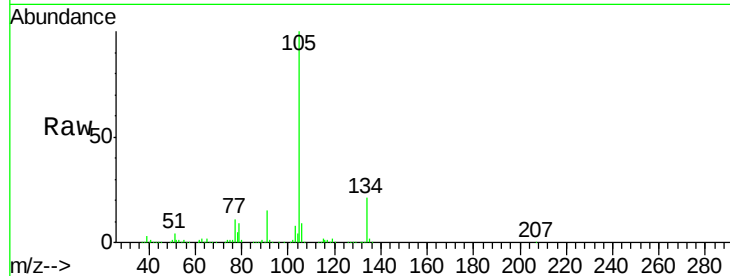
134 20.8 10.7 31.9

Manual Integrations

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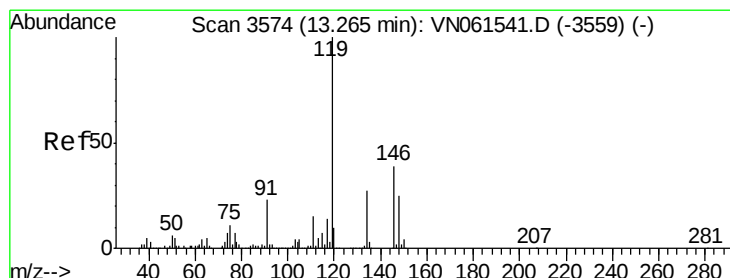
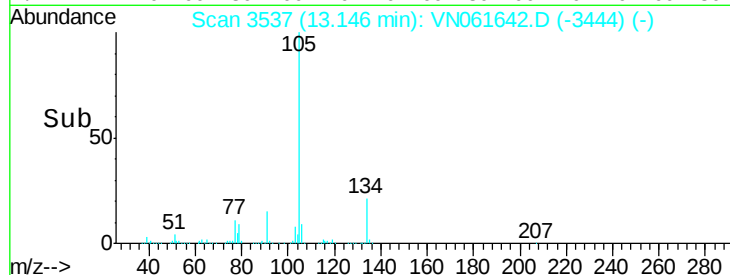
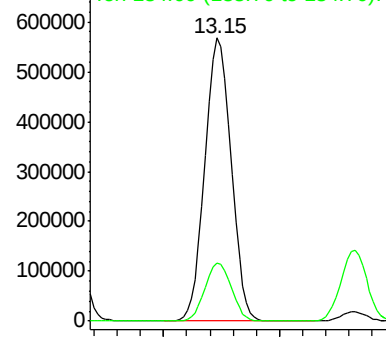
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.820 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

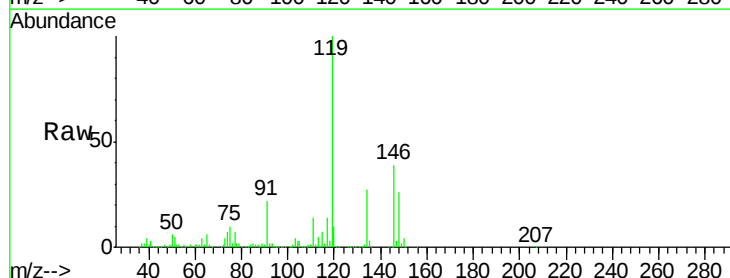
Tgt Ion:119 Resp: 827872

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

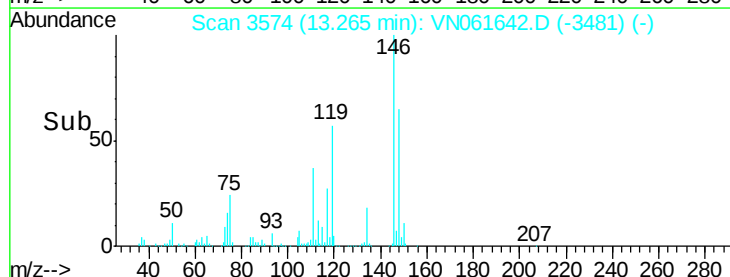
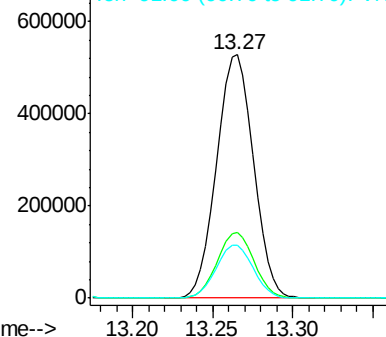
91 22.0 11.4 34.1



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





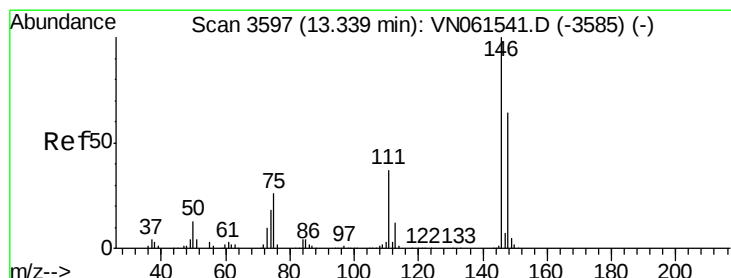
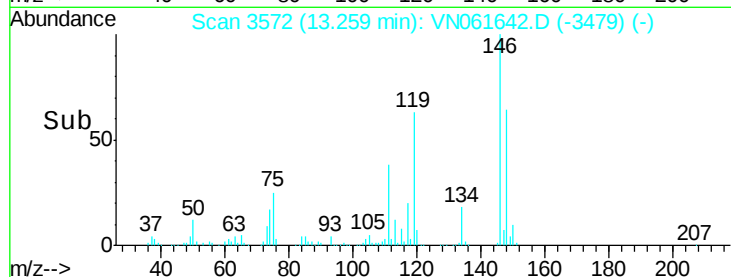
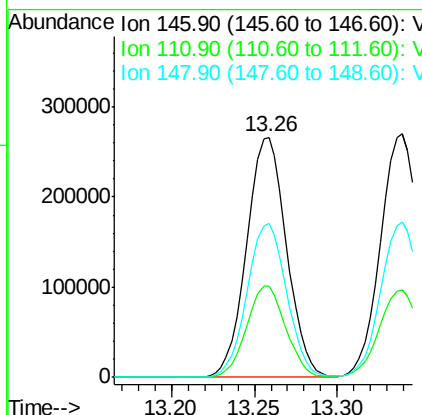
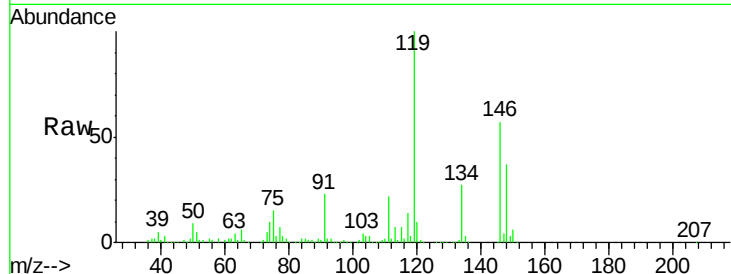
#87
 1,3-Dichlorobenzene
 Concen: 48.714 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.2	57.6
148	63.7	31.7	95.1

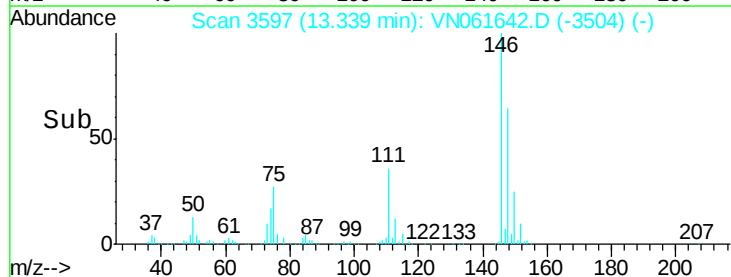
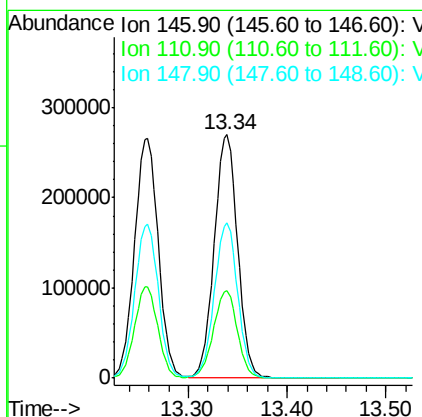
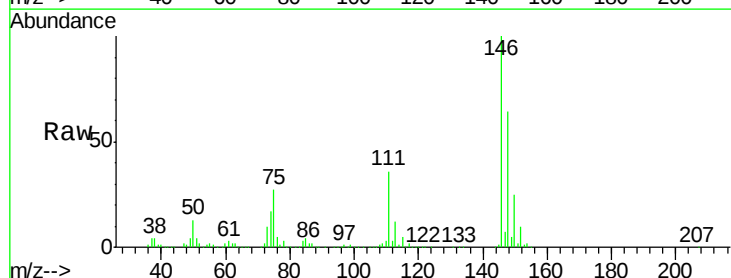
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#88
 1,4-Dichlorobenzene
 Concen: 48.311 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.9	56.9
148	63.4	31.8	95.3





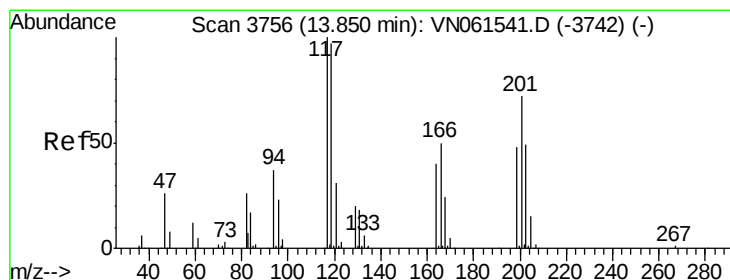
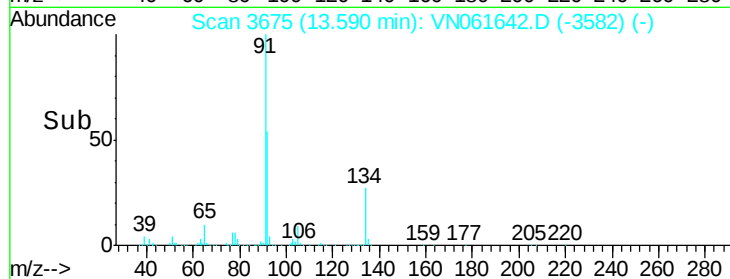
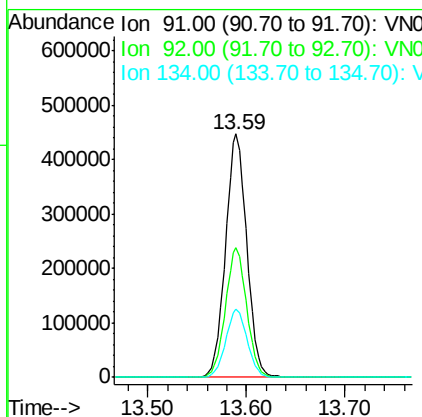
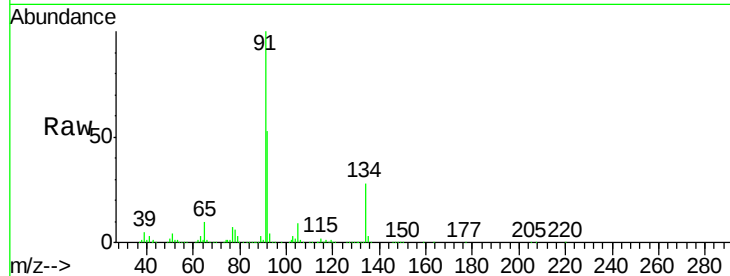
#89
n-Butylbenzene
Concen: 45.786 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.2	81.6
134	28.2	14.0	42.0

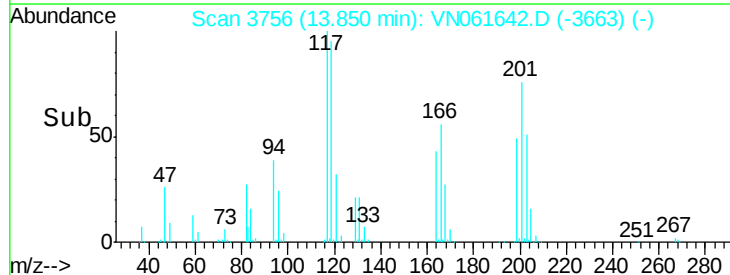
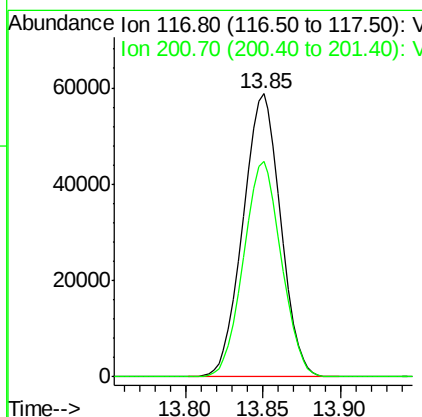
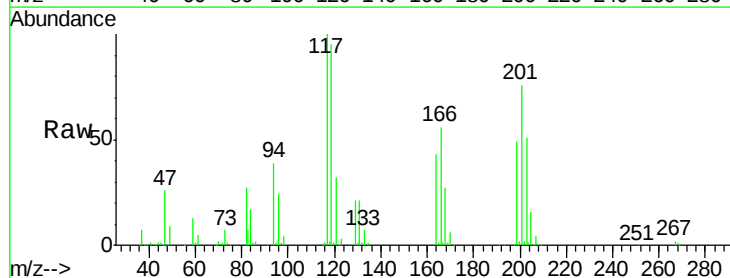
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#90
Hexachloroethane
Concen: 51.025 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.3	36.7	110.1





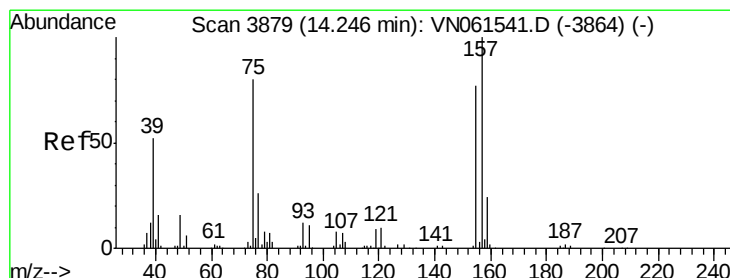
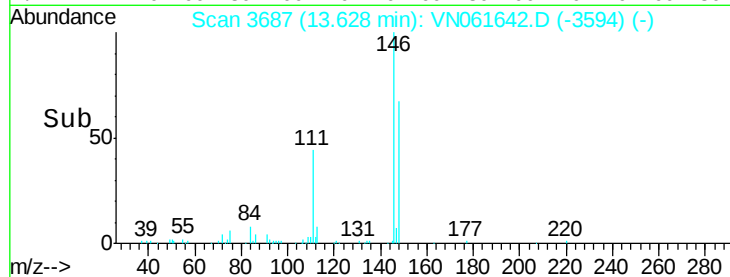
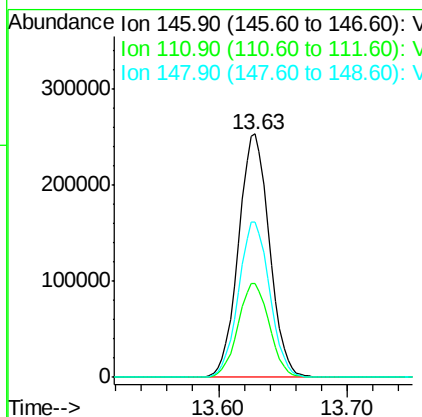
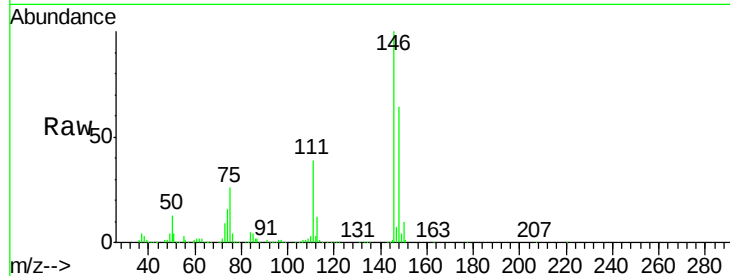
#91
 1,2-Dichlorobenzene
 Concen: 48.551 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.1	60.2
148	64.4	31.9	95.5

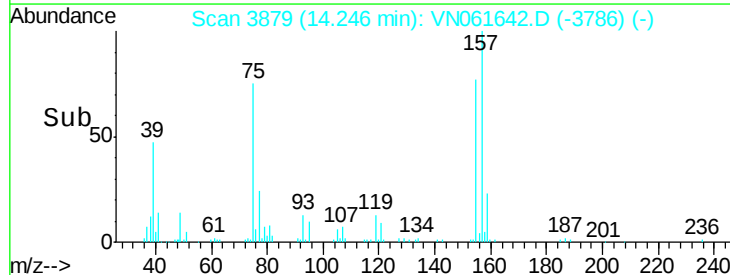
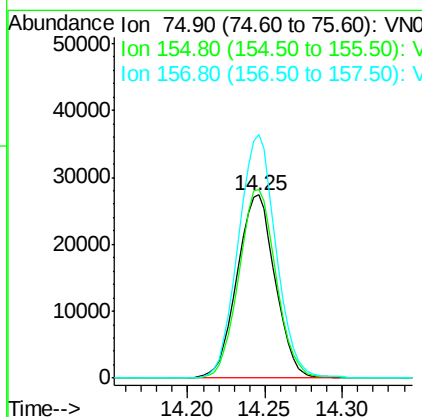
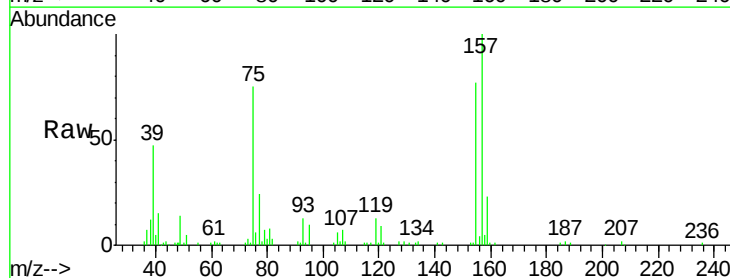
Manual Integrations
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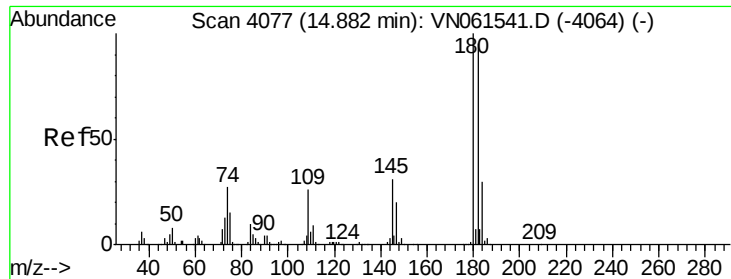
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.654 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.5	47.1	141.4
157	131.6	60.3	180.8





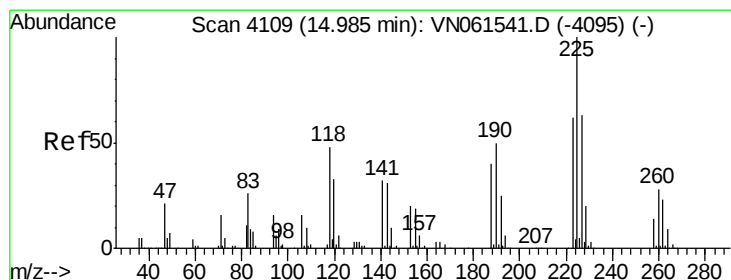
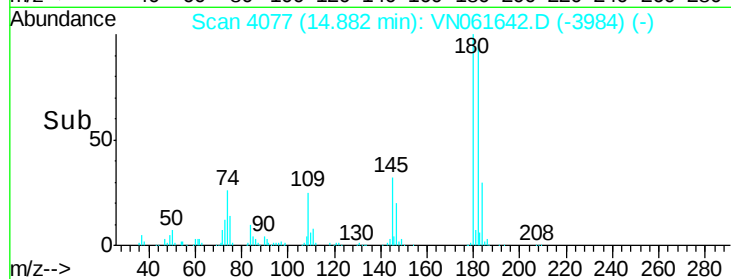
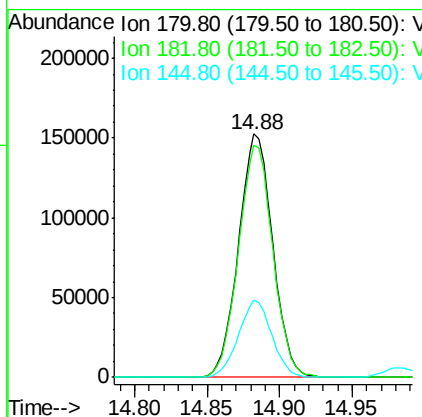
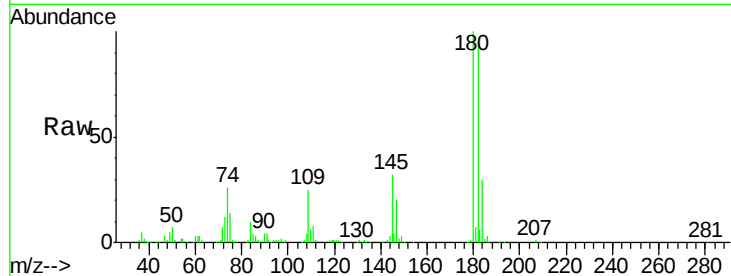
#93
 1,2,4-Trichlorobenzene
 Concen: 48.934 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	249433		
182	95.9	47.8	143.3	
145	30.9	15.5	46.5	

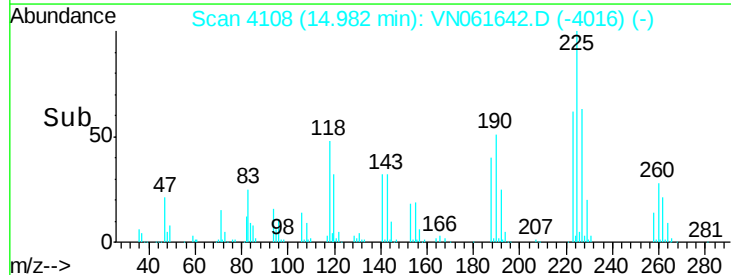
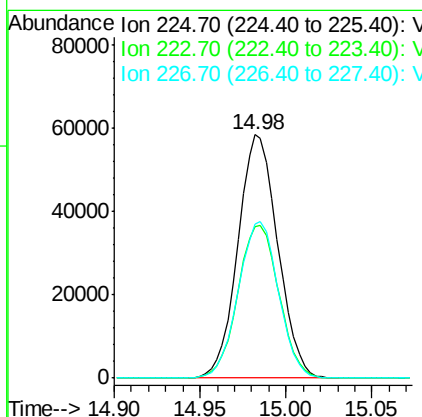
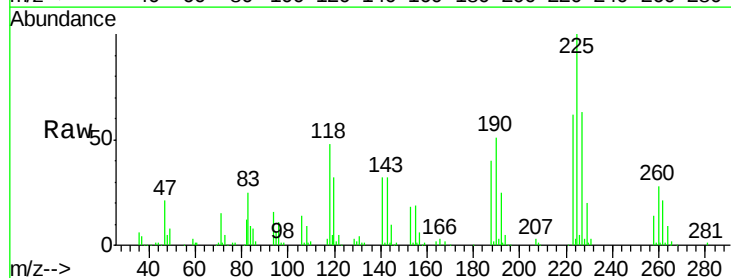
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#94
 Hexachlorobutadiene
 Concen: 43.302 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94136		
223	64.8	31.9	95.5	
227	64.7	31.9	95.9	





#95

Naphthalene

Concen: 47.887 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

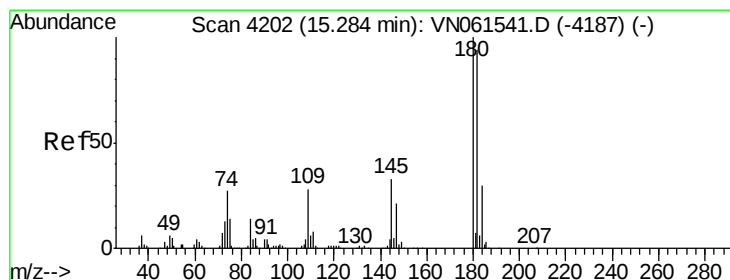
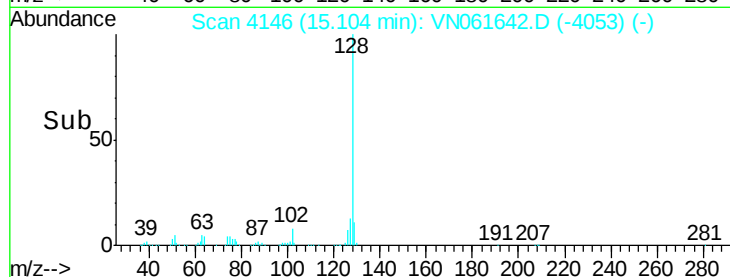
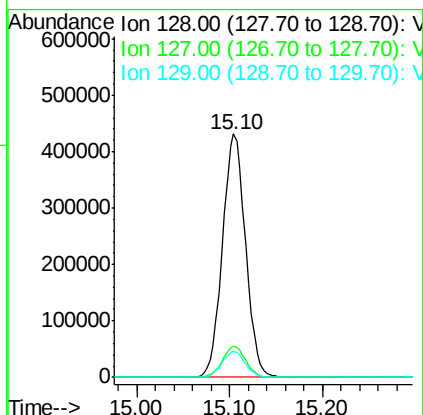
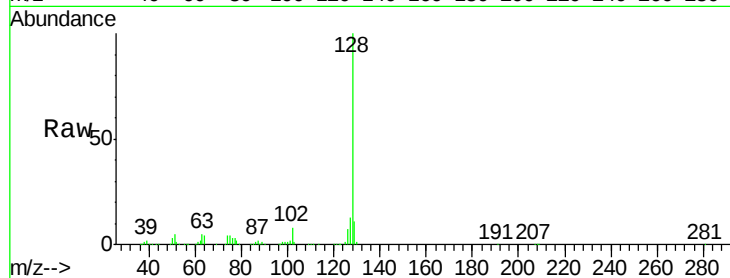
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	742966
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.0	15.0
129	10.7	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:18 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.003 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Tgt Ion:	180	Resp:	240576
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.1	141.3
145	33.4	16.3	48.9

