

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062365.D
 Acq On : 6 Jul 2020 13:38
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 07 04:39:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 04:35:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	1078695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1832948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1733097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	852365	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	980983	60.10	ug/l	0.00
Spiked Amount			Recovery	=	120.20%	
35) Dibromofluoromethane	7.55	113	649298	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
50) Toluene-d8	10.06	98	2493628	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.37	95	936164	56.24	ug/l	0.00
Spiked Amount			Recovery	=	112.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	600784	48.869	ug/l	100
3) Chloromethane	2.04	50	851070	51.666	ug/l	100
4) Vinyl Chloride	2.16	62	734662	39.298	ug/l	100
5) Bromomethane	2.52	94	397303	33.939	ug/l	100
6) Chloroethane	2.66	64	427372	34.236	ug/l	100
7) Trichlorofluoromethane	2.98	101	1050789	44.049	ug/l	100
8) Diethyl Ether	3.37	74	393355	47.369	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	560323	45.324	ug/l	100
10) Methyl Iodide	3.91	142	725898	51.450	ug/l	100
11) Tert butyl alcohol	4.73	59	698812	301.298	ug/l	100
12) 1,1-Dichloroethene	3.70	96	535858	43.675	ug/l	100
13) Acrolein	3.57	56	292941	150.467	ug/l	100
14) Allyl chloride	4.27	41	1350756	72.401	ug/l	100
15) Acrylonitrile	4.93	53	1845466	297.524	ug/l	100
16) Acetone	3.77	43	2113283	350.366	ug/l	100
17) Carbon Disulfide	4.01	76	1625744	41.493	ug/l	100
18) Methyl Acetate	4.28	43	914417	68.781	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	2148209	53.166	ug/l	100
20) Methylene Chloride	4.50	84	665387	43.725	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	589972	42.404	ug/l	100
22) Diisopropyl ether	5.90	45	2753817	66.223	ug/l	100
23) Vinyl Acetate	5.84	43	11433926	337.811	ug/l	100
24) 1,1-Dichloroethane	5.80	63	1326122	52.293	ug/l	100
25) 2-Butanone	6.79	43	2919483	358.085	ug/l	100
26) 2,2-Dichloropropane	6.78	77	1079052	51.476	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	691084	43.925	ug/l	100
28) Bromochloromethane	7.15	49	777126	66.609	ug/l	100
29) Tetrahydrofuran	7.17	42	1908161	358.251	ug/l	100
30) Chloroform	7.33	83	1263880	49.605	ug/l	100
31) Cyclohexane	7.61	56	1181497	54.258	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	1074392	50.025	ug/l	100
36) 1,1-Dichloropropene	7.75	75	938028	50.219	ug/l	100
37) Ethyl Acetate	6.88	43	1205406	71.674	ug/l	100
38) Carbon Tetrachloride	7.73	117	948671	53.271	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1019373	50.078	ug/l	100
40) Benzene	8.00	78	2726858	48.344	ug/l	100
41) Methacrylonitrile	7.17	41	1786764	234.150	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	1180127	59.297	ug/l	100
43) Isopropyl Acetate	8.12	43	1980765	72.085	ug/l	100
44) Trichloroethene	8.80	130	629698	44.698	ug/l	100
45) 1,2-Dichloropropane	9.09	63	792209	55.378	ug/l	100
46) Dibromomethane	9.18	93	486013	51.045	ug/l	100
47) Bromodichloromethane	9.37	83	1048926	54.105	ug/l	100
48) Methyl methacrylate	9.17	41	992461	78.611	ug/l	100
49) 1,4-Dioxane	9.17	88	266453	1071.679	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	5745550	361.046	ug/l	100
52) Toluene	10.12	92	1674486	49.027	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	1185585	55.415	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	1224789	54.138	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	649307	48.375	ug/l	100
56) Ethyl methacrylate	10.40	69	1118751	60.204	ug/l	100
57) 1,3-Dichloropropane	10.68	76	1214461	51.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	2088393	299.038	ug/l	100
59) 2-Hexanone	10.72	43	4408449	379.565	ug/l	100
60) Dibromochloromethane	10.87	129	750963	52.026	ug/l	100
61) 1,2-Dibromoethane	10.98	107	668154	48.354	ug/l	100
64) Tetrachloroethene	10.60	164	521799	44.391	ug/l	100
65) Chlorobenzene	11.41	112	1740467	45.903	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	659616	49.829	ug/l	100
67) Ethyl Benzene	11.48	91	3284327	50.873	ug/l	100
68) m/p-Xylenes	11.60	106	2407176	97.400	ug/l	100
69) o-Xylene	11.92	106	1140439	48.934	ug/l	100
70) Styrene	11.94	104	1970045	50.580	ug/l	100
71) Bromoform	12.10	173	525474	55.023	ug/l	100
73) Isopropylbenzene	12.22	105	3122467	47.449	ug/l	100
74) N-amyl acetate	12.04	43	1788949	75.037	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	1038683	47.068	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	1407596	70.032	ug/l #	100
77) Bromobenzene	12.50	156	717856	44.205	ug/l	100
78) n-propylbenzene	12.56	91	3701592	49.021	ug/l	100
79) 2-Chlorotoluene	12.65	91	2235828	48.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2681526	49.992	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	353986	50.934	ug/l	100
82) 4-Chlorotoluene	12.75	91	2326141	49.027	ug/l	100
83) tert-Butylbenzene	12.97	119	2180723	47.772	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	2643677	49.467	ug/l	100
85) sec-Butylbenzene	13.15	105	2988288	49.294	ug/l	100
86) p-Isopropyltoluene	13.26	119	2644872	49.910	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	1319957	46.145	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1329579	45.035	ug/l	100
89) n-Butylbenzene	13.59	91	2316883	52.204	ug/l	100
90) Hexachloroethane	13.85	117	531609	50.403	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	1278822	46.083	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	216498	59.240	ug/l	100

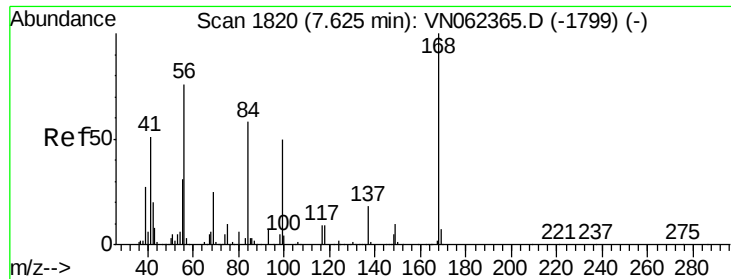
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	632216	51.584	ug/l	100
94) Hexachlorobutadiene	14.98	225	346335	61.513	ug/l	100
95) Naphthalene	15.10	128	1716149	48.800	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	637884	51.031	ug/l	100

(#) = 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: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

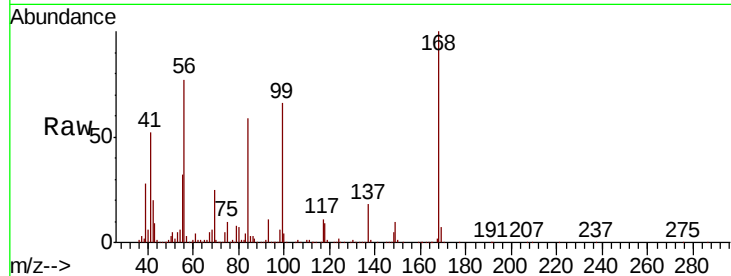
VSTDICCC050

Tot Ion:168 Resp: 1078695

Ion Ratio Lower Upper

168 100

99 66.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

500000

400000

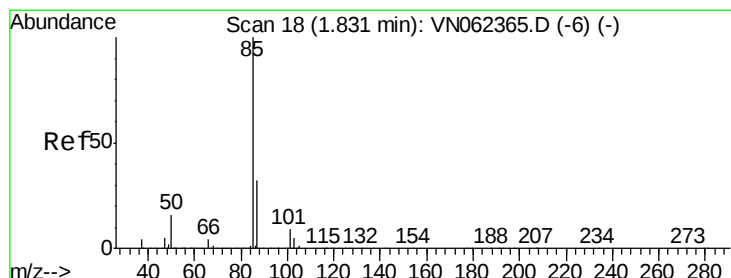
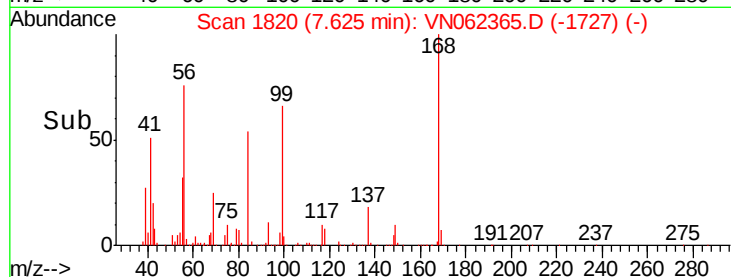
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.869 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062365.D

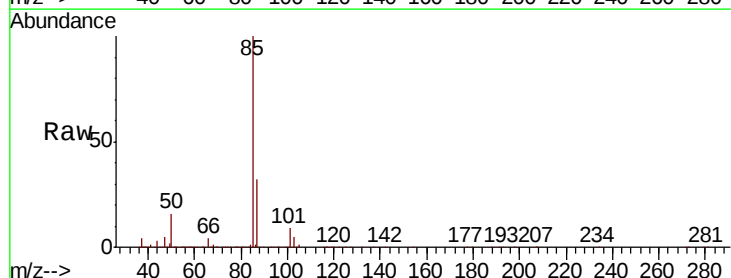
Acq: 6 Jul 2020 13:38

Tgt Ion: 85 Resp: 600784

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

500000

400000

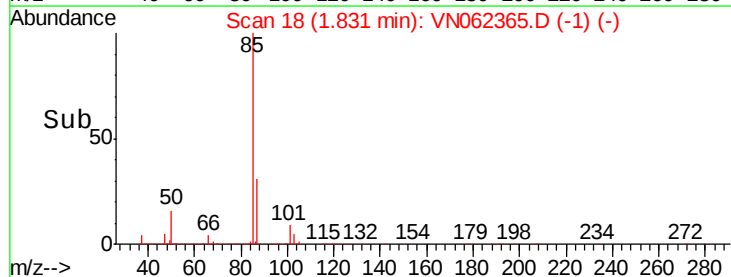
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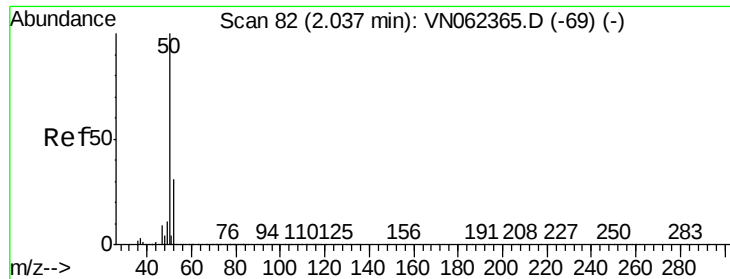
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Time-->

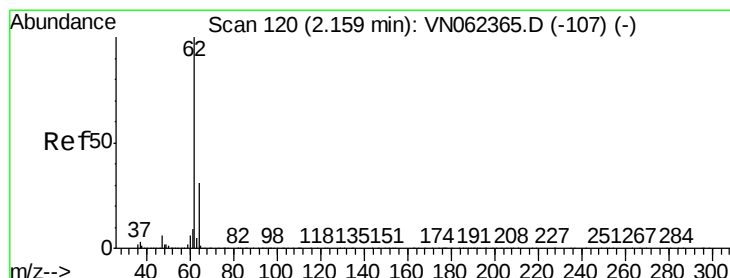
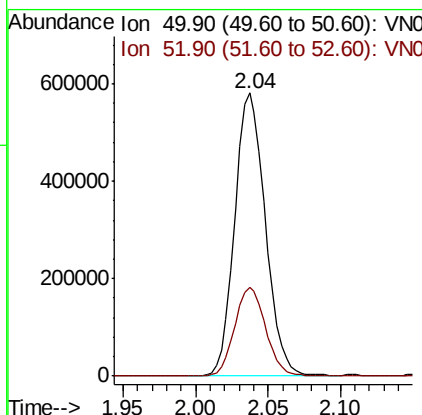
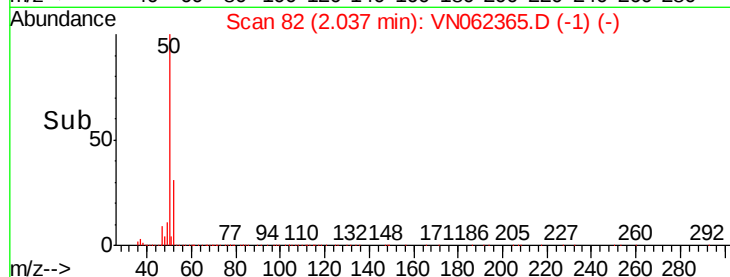
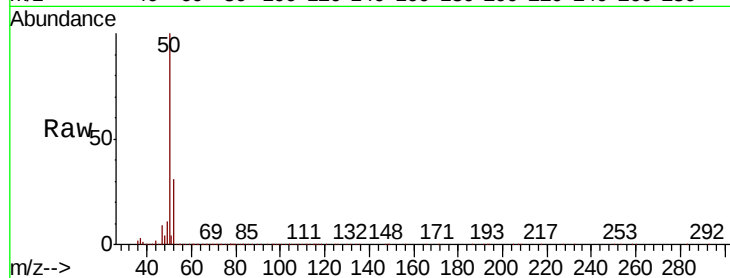




#3
Chloromethane
Concen: 51.666 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

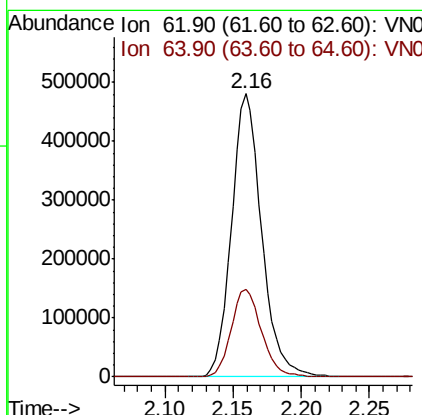
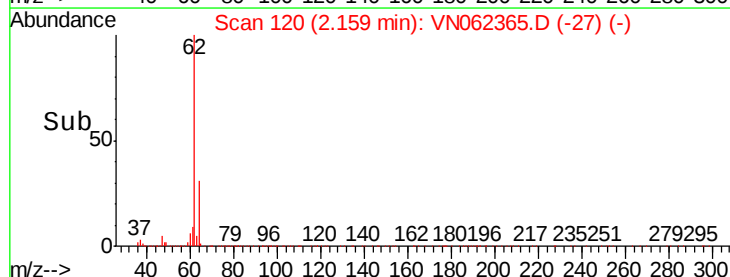
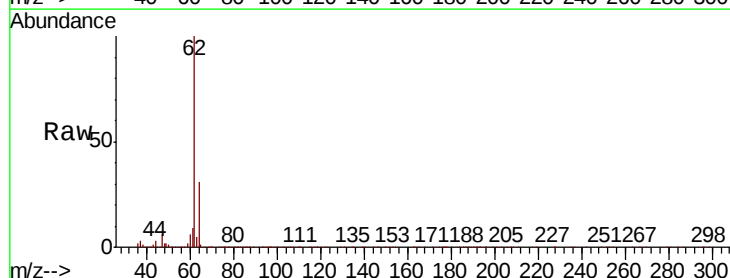
Instrument :
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VSTDICCC050

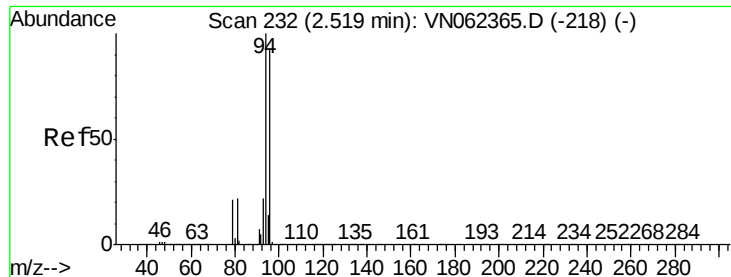
Tot Ion: 50 Resp: 851070
Ion Ratio Lower Upper
50 100
52 31.3 25.0 37.6



#4
Vinyl Chloride
Concen: 39.298 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 62 Resp: 734662
Ion Ratio Lower Upper
62 100
64 31.1 24.9 37.3





#5

Bromomethane

Concen: 33.939 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

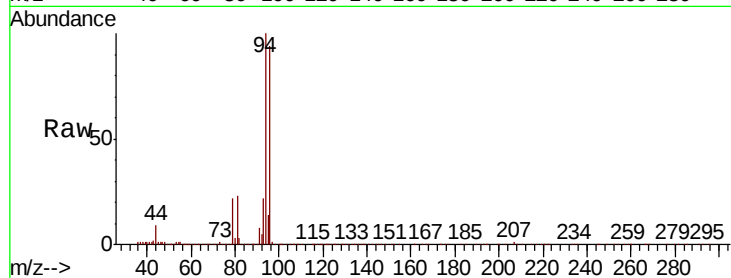
VSTDICCC050

Tot Ion: 94 Resp: 397303

Ion Ratio Lower Upper

94 100

96 93.4 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN062365.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN062365.D (-218) (-)

2.52

200000

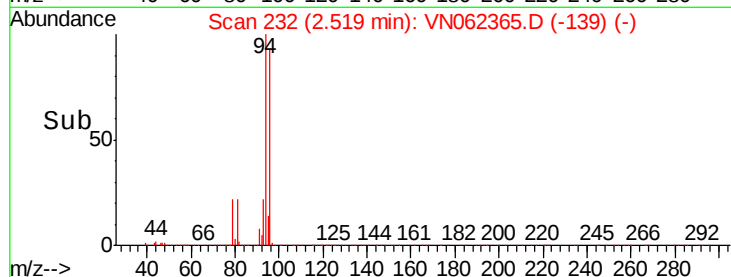
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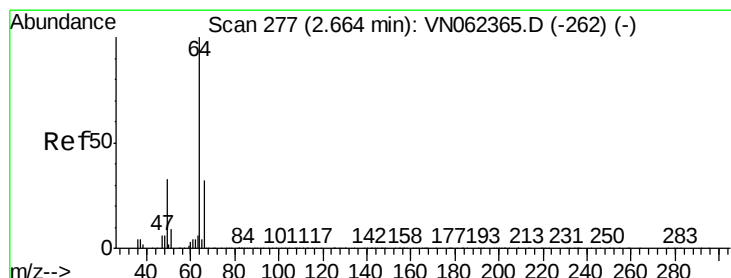
50000

0

Time-->



Time-->



#6

Chloroethane

Concen: 34.236 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062365.D

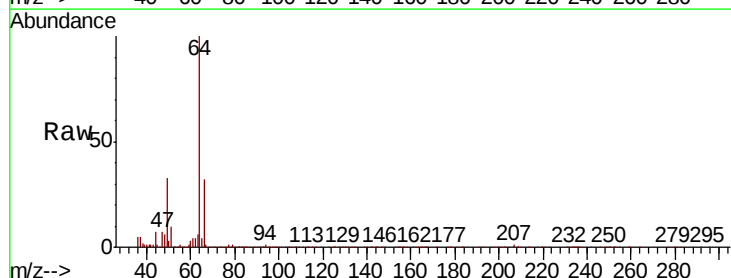
Acq: 6 Jul 2020 13:38

Tgt Ion: 64 Resp: 427372

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN062365.D (-262) (-)

Ion 65.90 (65.60 to 66.60): VN062365.D (-262) (-)

2.66

200000

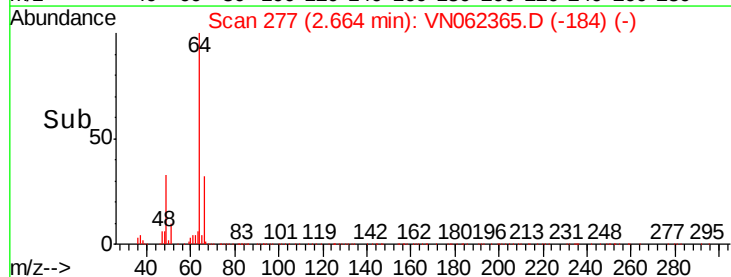
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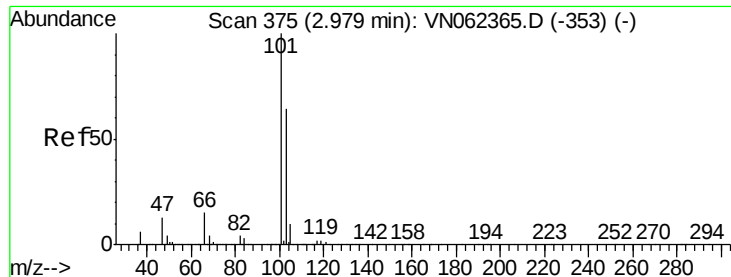
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Time-->



Time-->

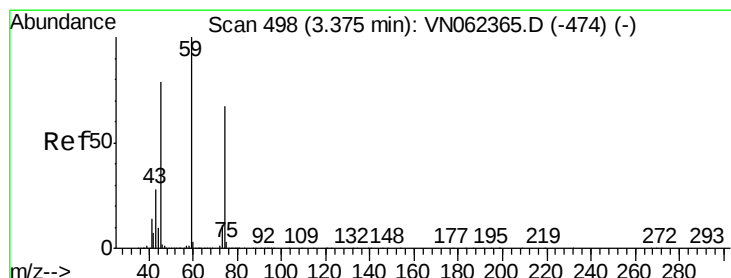
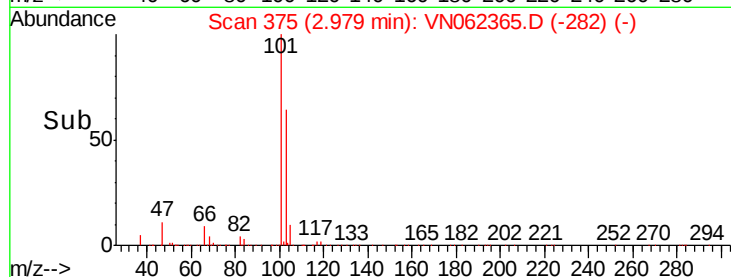
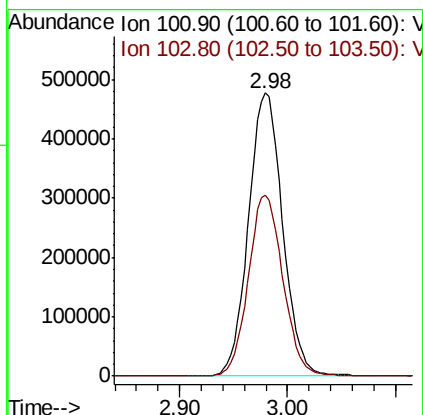
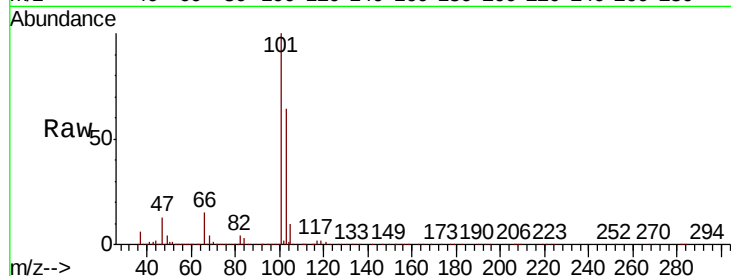


#7

Trichlorofluoromethane
Concen: 44.049 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
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VSTDICCC050

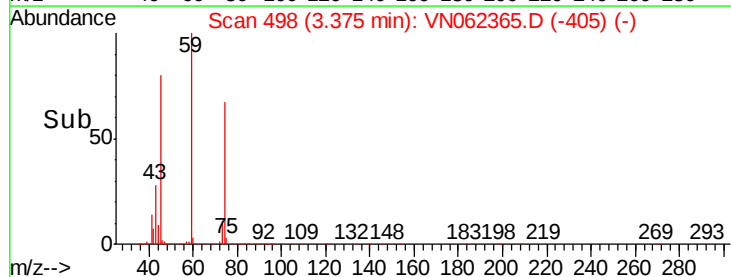
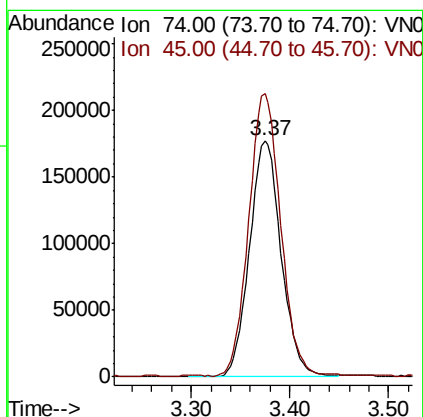
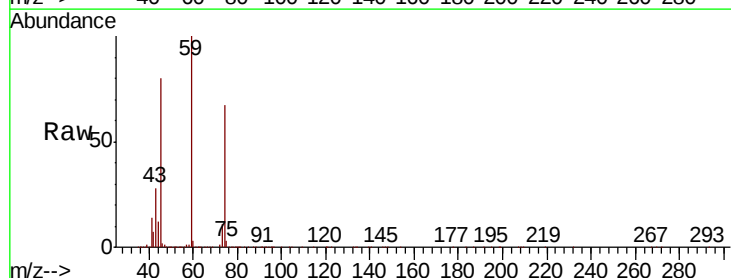
Tot Ion:101 Resp: 1050789
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6

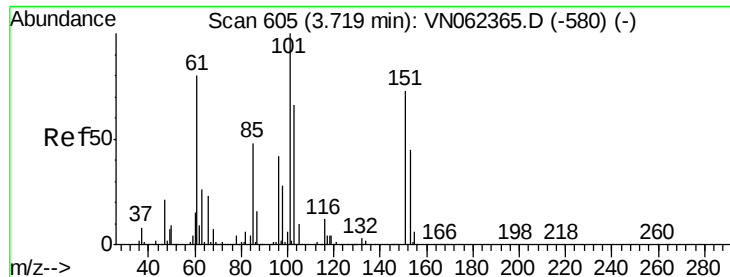


#8

Diethyl Ether
Concen: 47.369 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 74 Resp: 393355
Ion Ratio Lower Upper
74 100
45 119.8 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.324 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

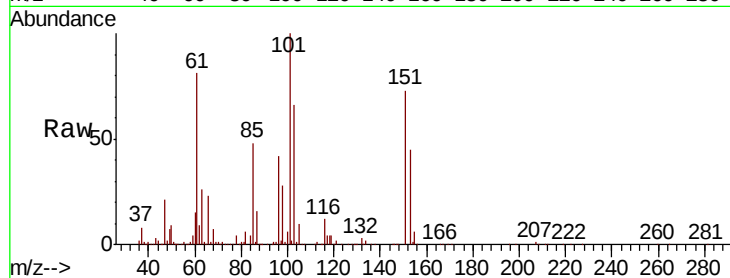
Tot Ion:101 Resp: 560323

Ion Ratio Lower Upper

101 100

85 48.2 38.6 57.8

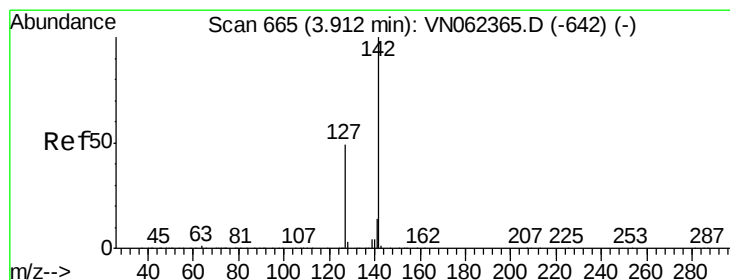
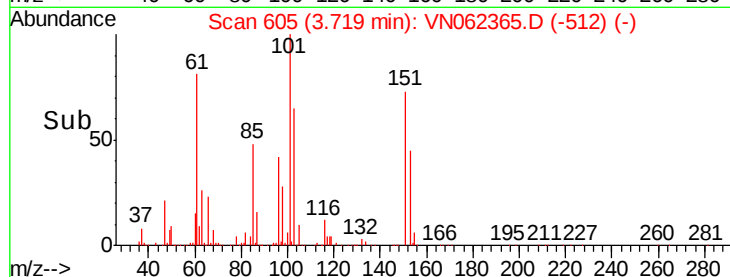
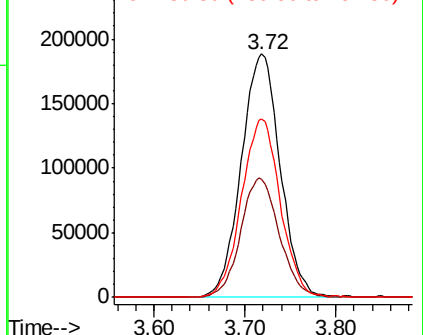
151 72.9 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.450 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

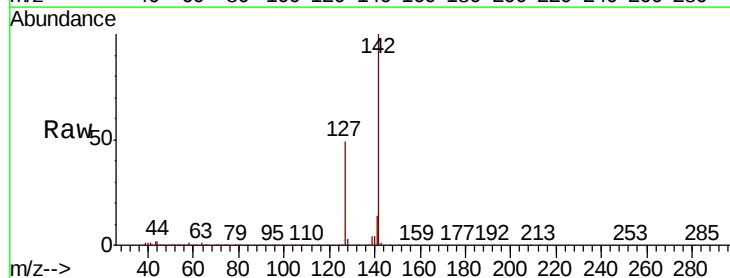
Tgt Ion:142 Resp: 725898

Ion Ratio Lower Upper

142 100

127 51.3 41.0 61.6

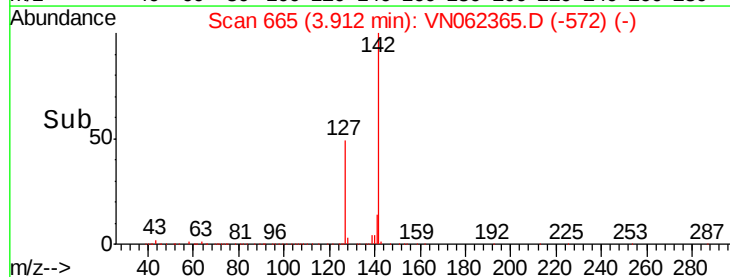
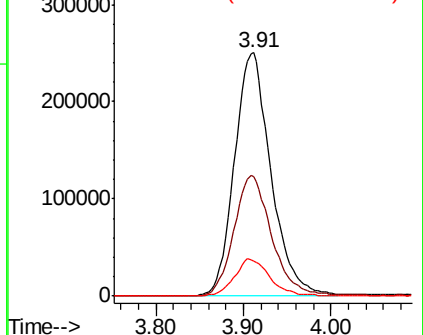
141 14.8 11.8 17.8

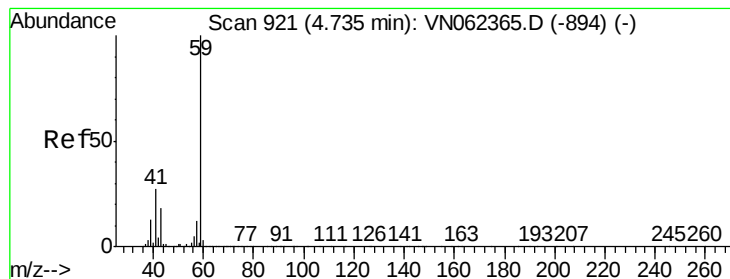


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



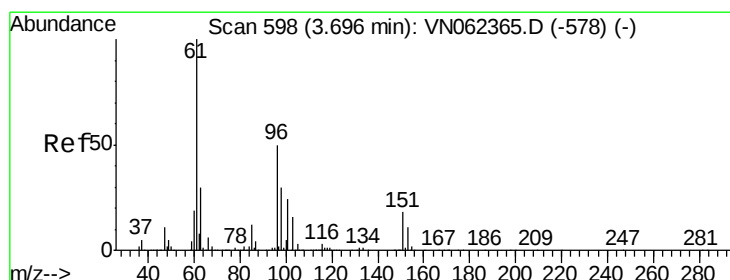
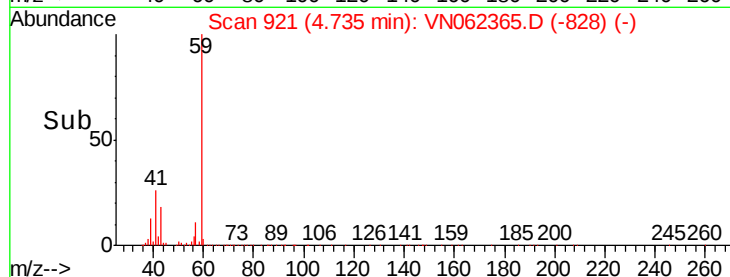
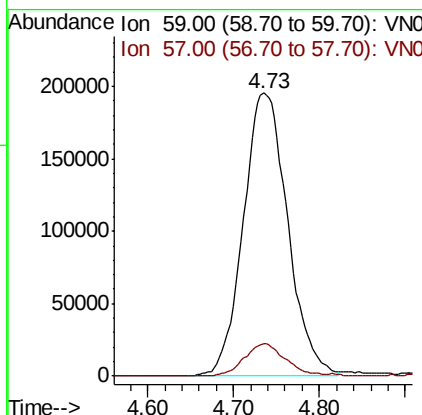
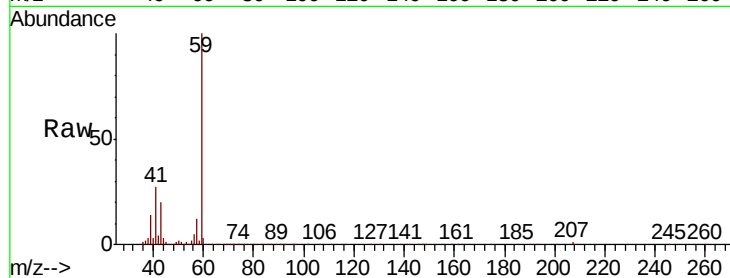


#11

Tert butyl alcohol
 Concen: 301.298 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

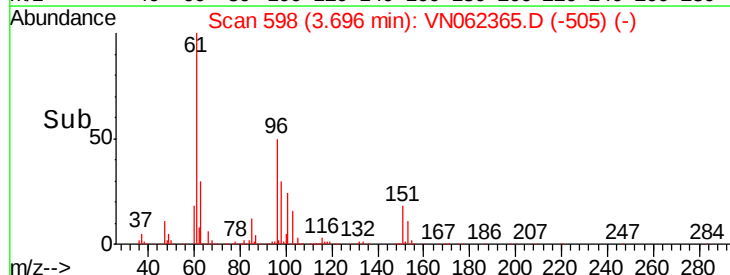
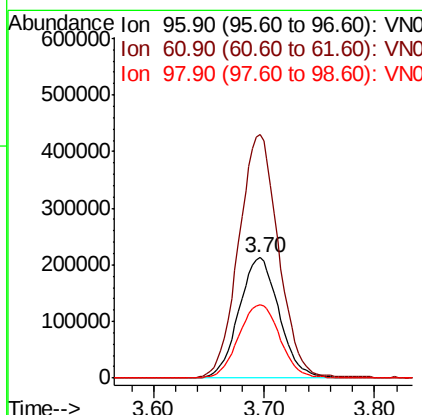
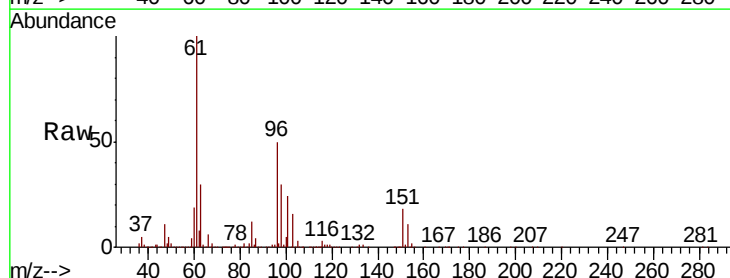
Tot Ion: 59 Resp: 698812
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

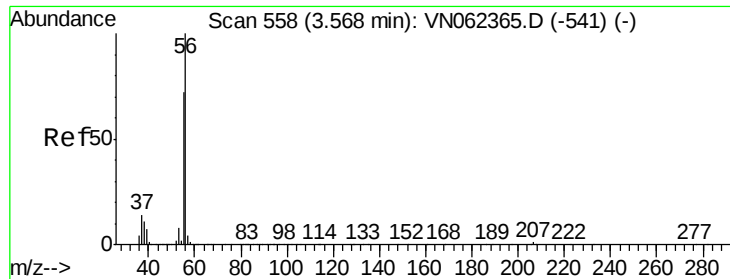


#12

1,1-Dichloroethene
 Concen: 43.675 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion: 96 Resp: 535858
 Ion Ratio Lower Upper
 96 100
 61 201.7 161.4 242.0
 98 61.0 48.8 73.2





#13

Acrolein

Concen: 150.467 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

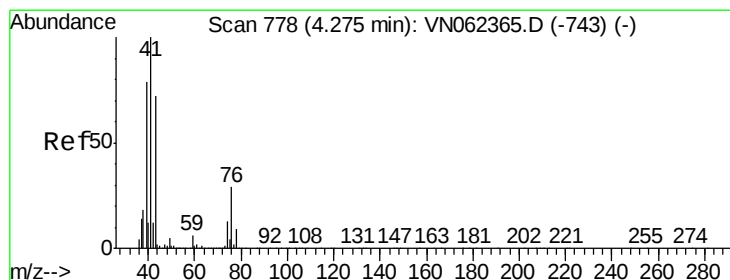
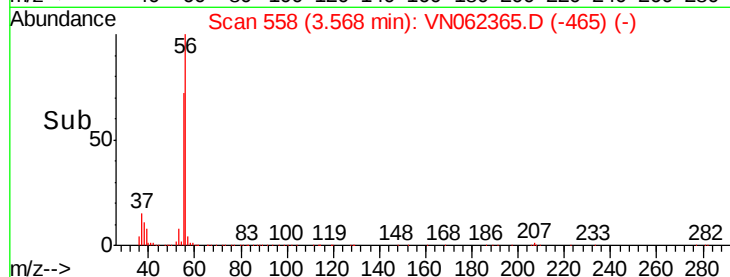
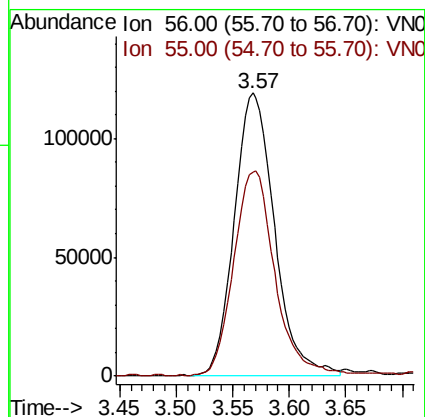
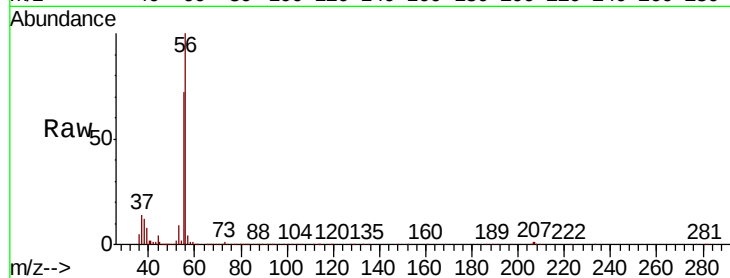
VSTDICCC050

Tot Ion: 56 Resp: 292941

Ion Ratio Lower Upper

56 100

55 74.5 59.6 89.4



#14

Allyl chloride

Concen: 72.401 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

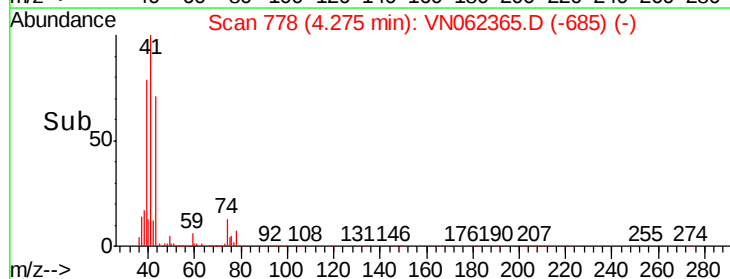
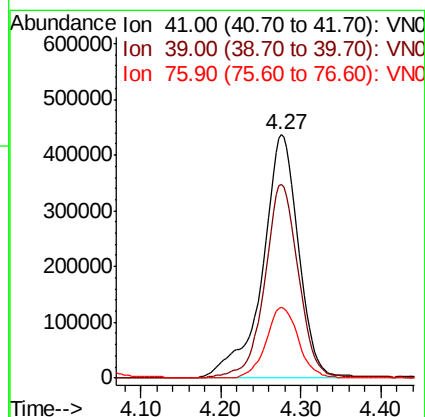
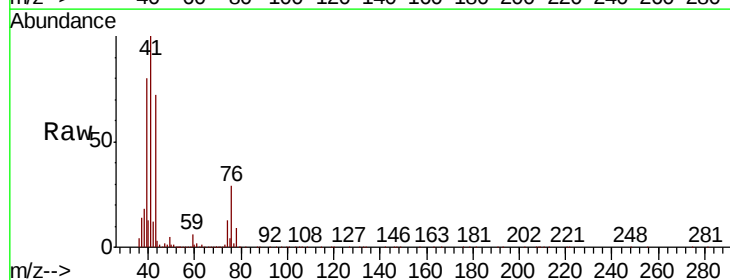
Tgt Ion: 41 Resp: 1350756

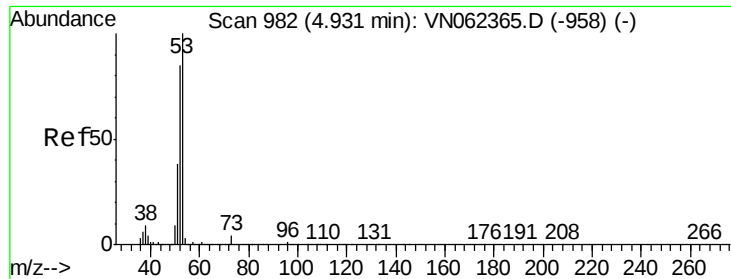
Ion Ratio Lower Upper

41 100

39 74.7 59.8 89.6

76 25.9 20.7 31.1



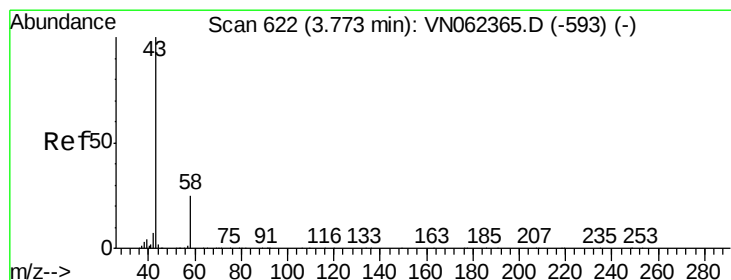
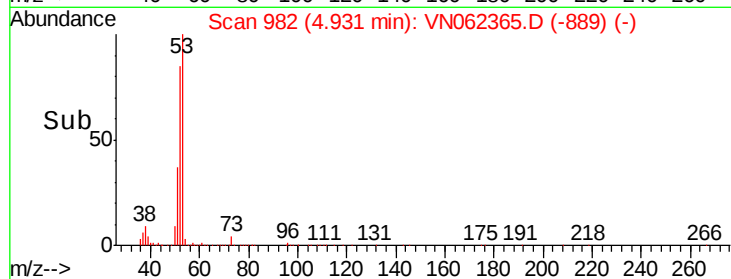
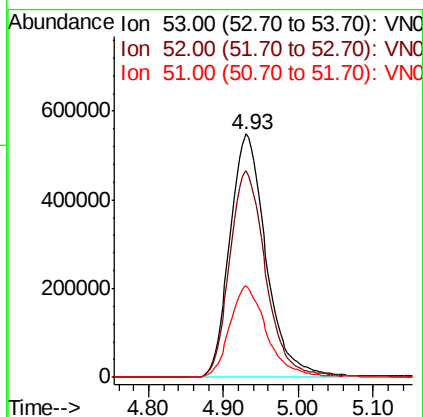
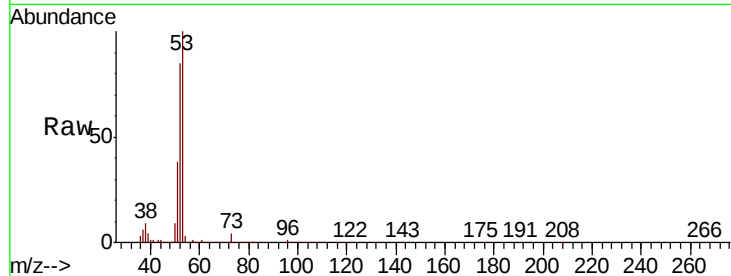


#15
 Acrylonitrile
 Concen: 297.524 ug/l
 RT: 4.93 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 53 Resp: 1845466

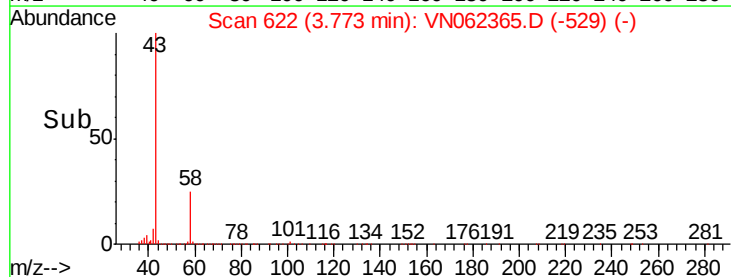
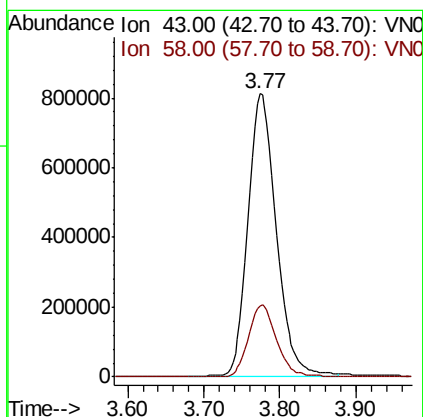
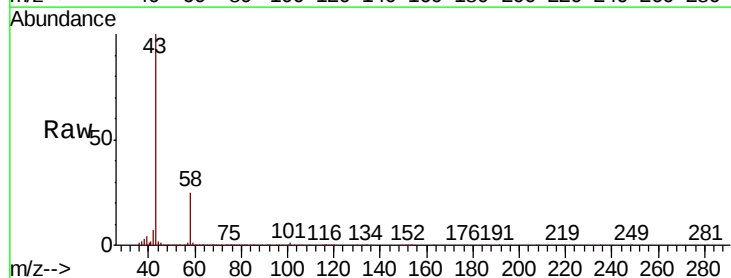
Ion	Ratio	Lower	Upper
53	100		
52	84.5	67.6	101.4
51	38.2	30.6	45.8

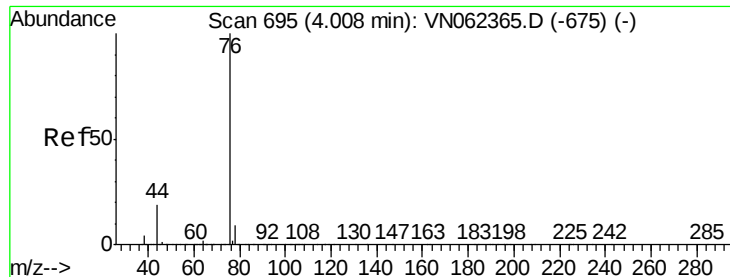


#16
 Acetone
 Concen: 350.366 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion: 43 Resp: 2113283

Ion	Ratio	Lower	Upper
43	100		
58	24.8	19.8	29.8

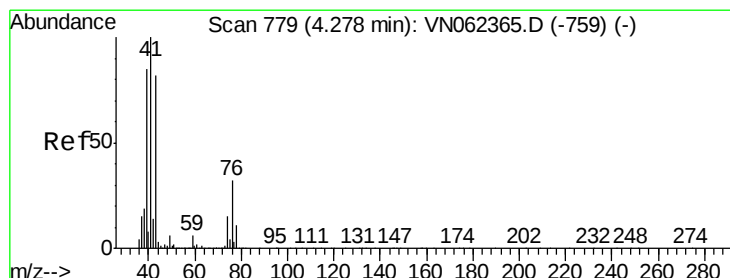
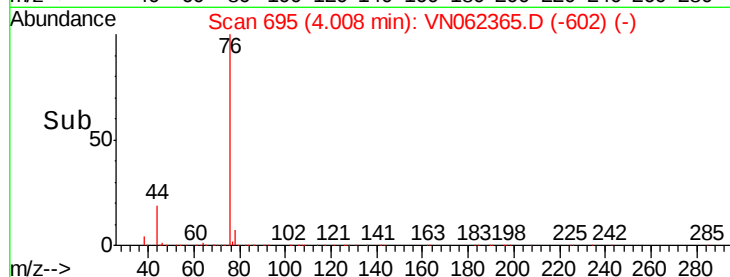
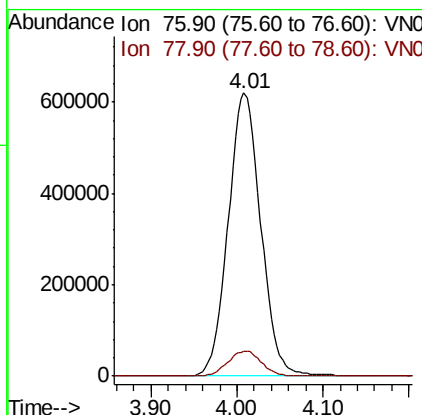
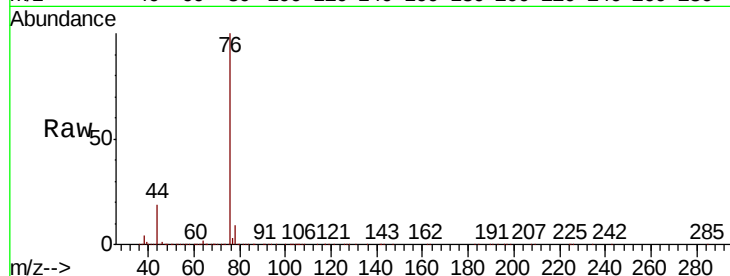




#17
Carbon Disulfide
Concen: 41.493 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

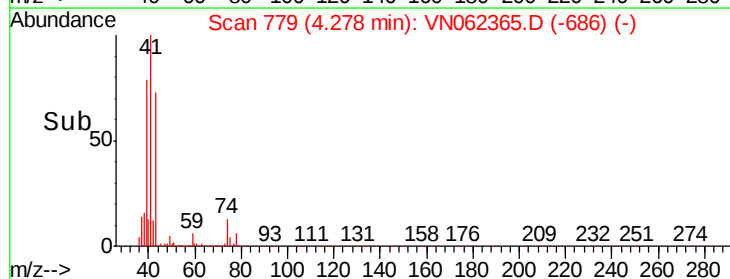
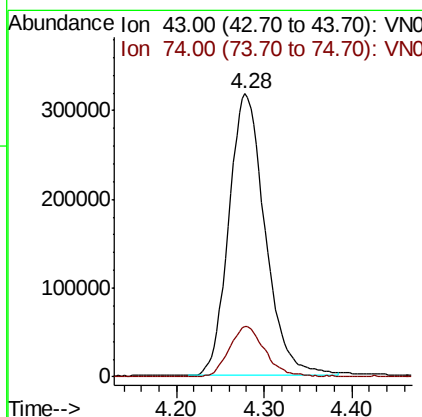
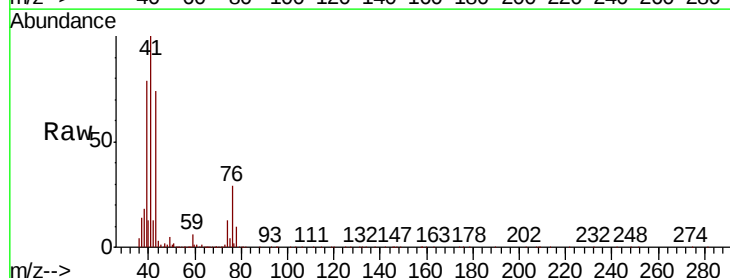
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

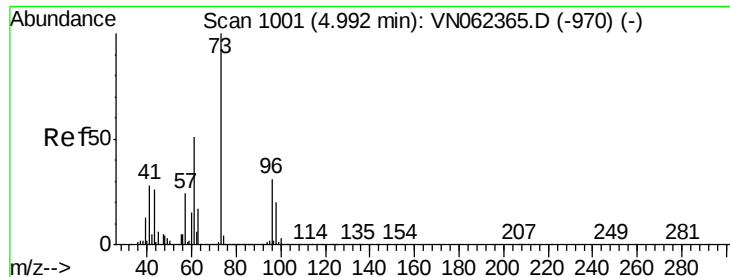
Tot Ion: 76 Resp: 1625744
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 68.781 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 43 Resp: 914417
Ion Ratio Lower Upper
43 100
74 17.8 14.2 21.4



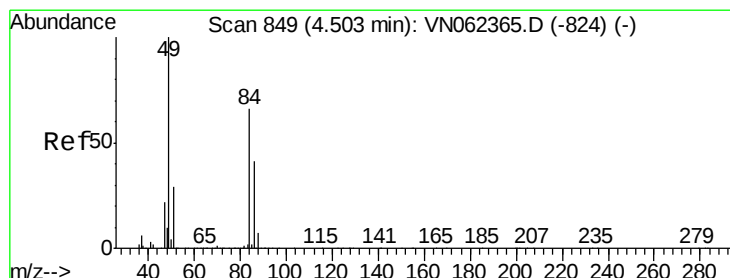
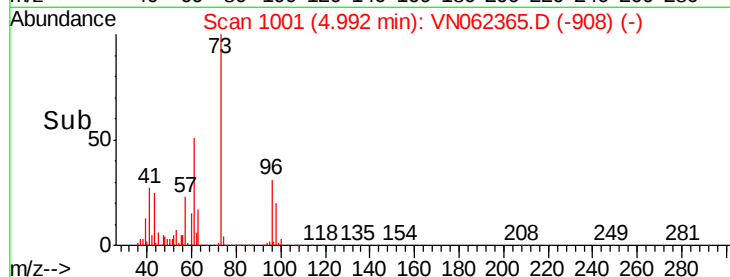
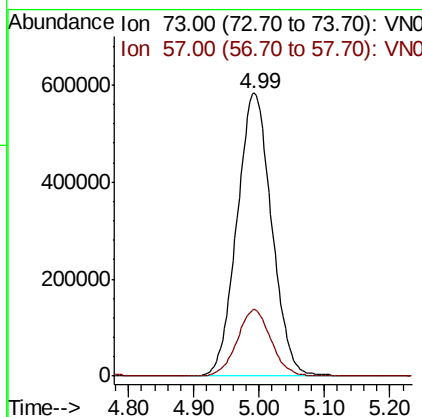
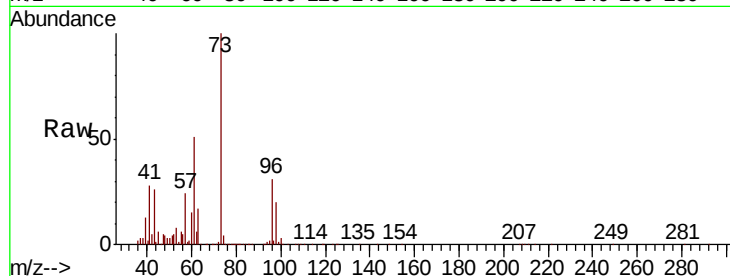


#19

Methyl tert-butyl Ether
 Concen: 53.166 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

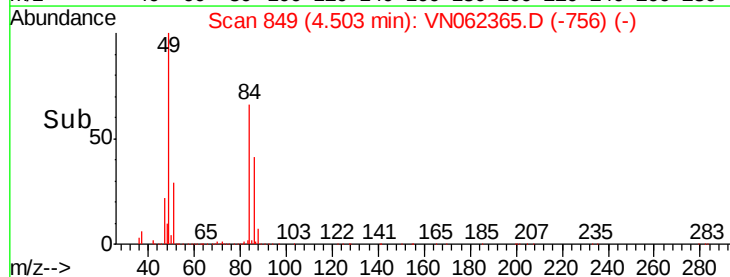
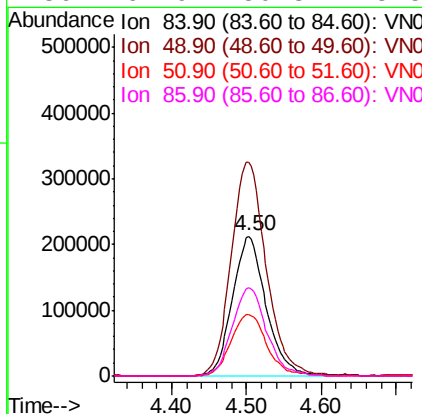
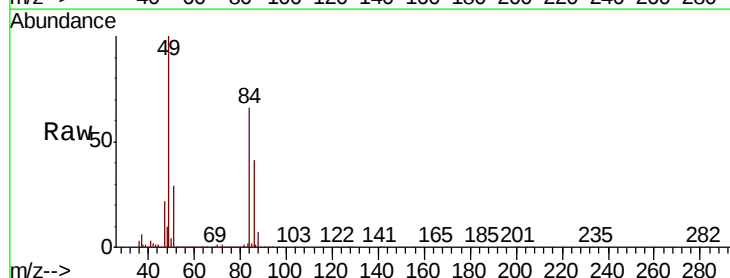
Tot Ion: 73 Resp: 2148209
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.9 28.3

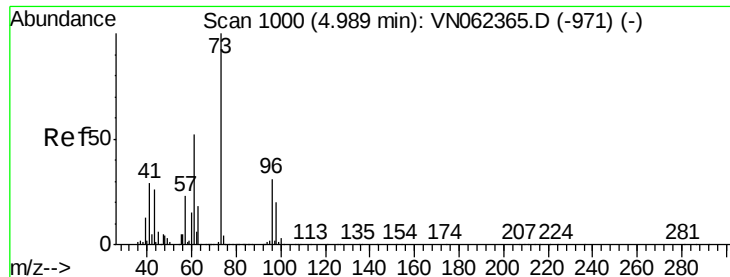


#20

Methylene Chloride
 Concen: 43.725 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion: 84 Resp: 665387
 Ion Ratio Lower Upper
 84 100
 49 152.2 121.8 182.6
 51 43.7 35.0 52.4
 86 62.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 42.404 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

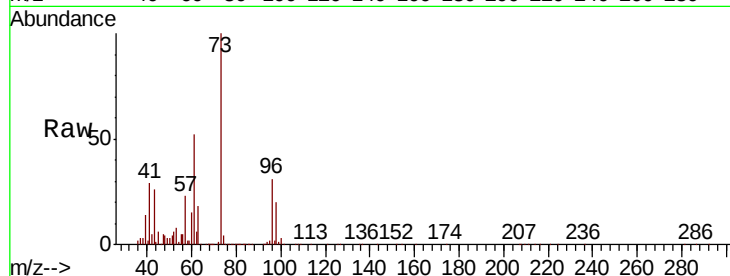
Tot Ion: 96 Resp: 589972

Ion Ratio Lower Upper

96 100

61 168.4 134.7 202.1

98 65.3 52.2 78.4

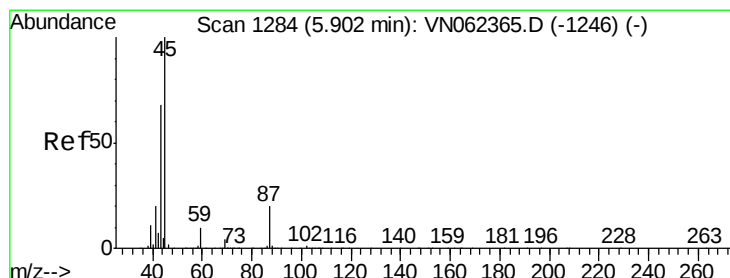
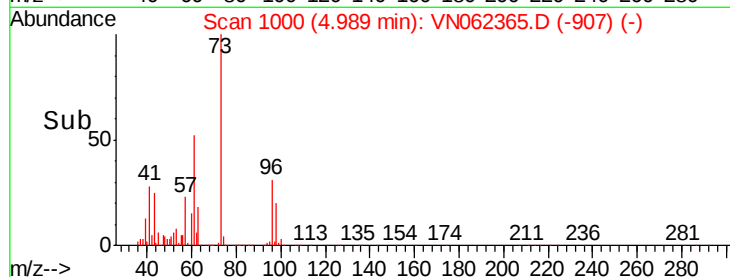
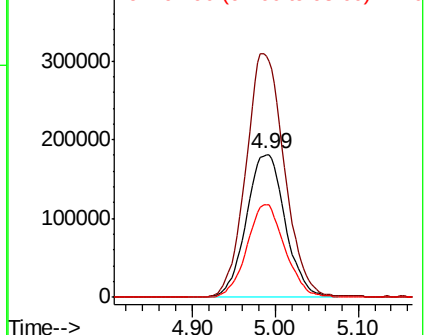


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 66.223 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Tgt Ion: 45 Resp: 2753817

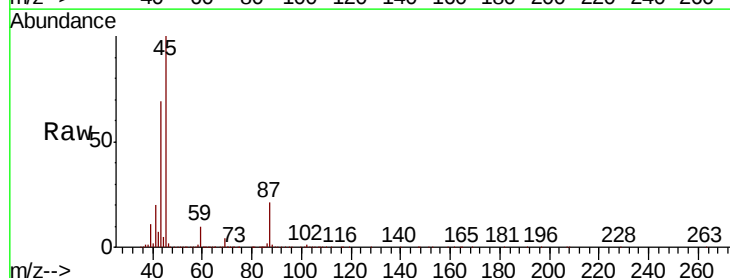
Ion Ratio Lower Upper

45 100

43 68.2 54.6 81.8

87 20.7 16.6 24.8

59 9.6 7.7 11.5



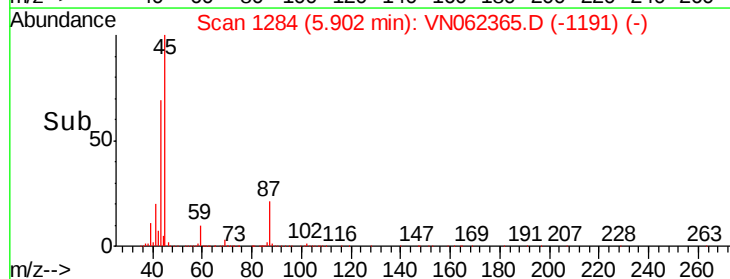
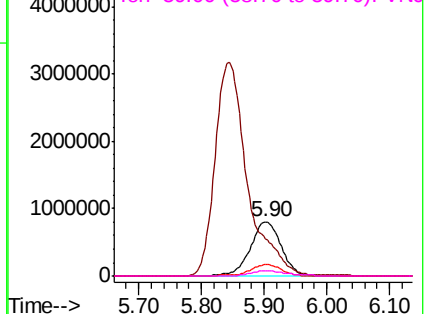
Abundance

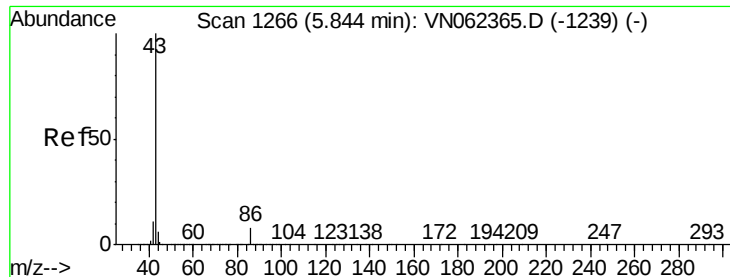
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 337.811 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

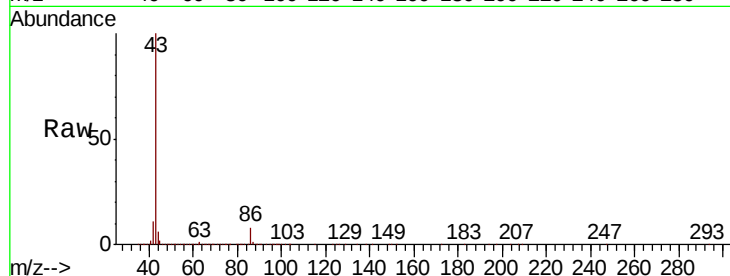
VSTDICCC050

Tot Ion: 43 Resp:11433926

Ion Ratio Lower Upper

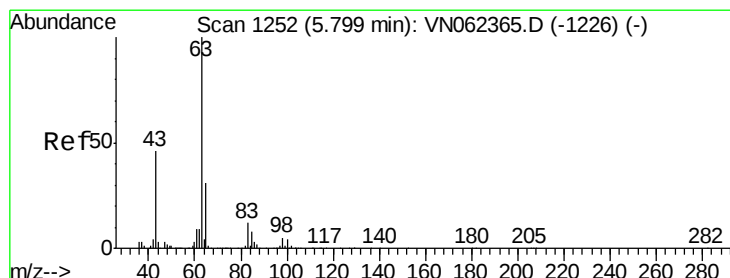
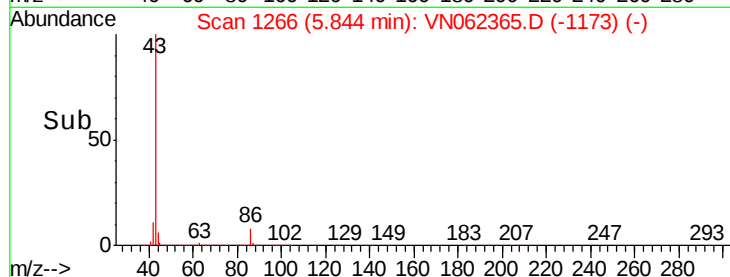
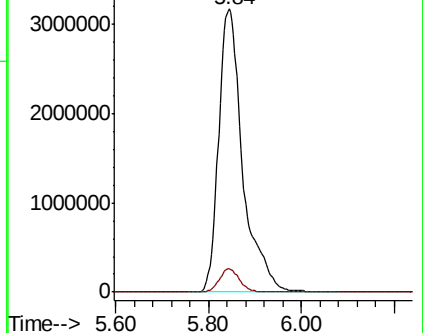
43 100

86 8.2 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VN062365.D (-1239) (-)

Ion 86.00 (85.70 to 86.70): VN062365.D (-1239) (-)



#24

1,1-Dichloroethane

Concen: 52.293 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

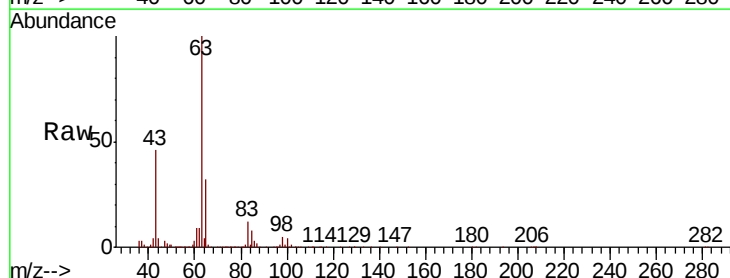
Tgt Ion: 63 Resp: 1326122

Ion Ratio Lower Upper

63 100

98 5.2 2.6 7.8

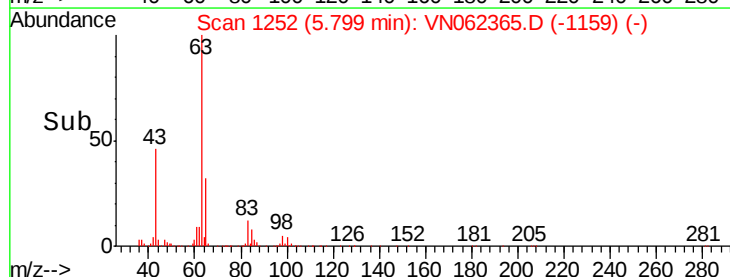
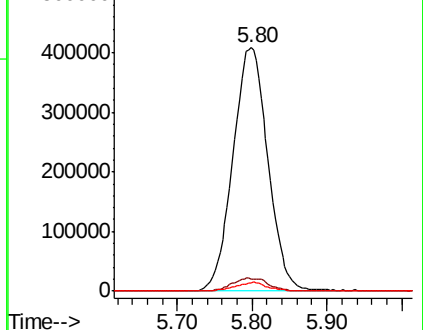
100 3.5 1.8 5.3

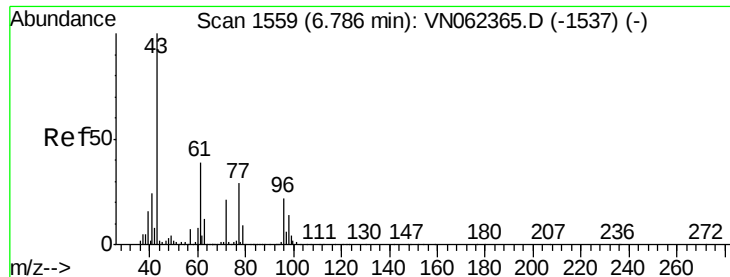


Abundance Ion 62.90 (62.60 to 63.60): VN062365.D (-1226) (-)

Ion 97.90 (97.60 to 98.60): VN062365.D (-1226) (-)

Ion 99.90 (99.60 to 100.60): VN062365.D (-1226) (-)

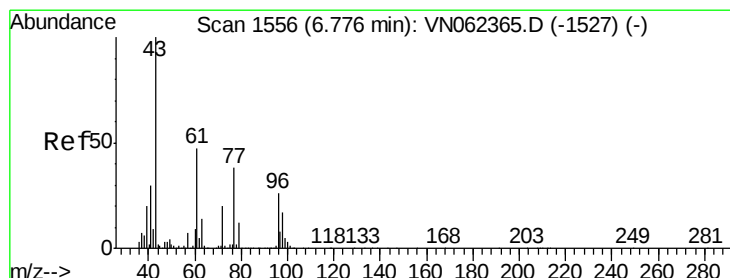
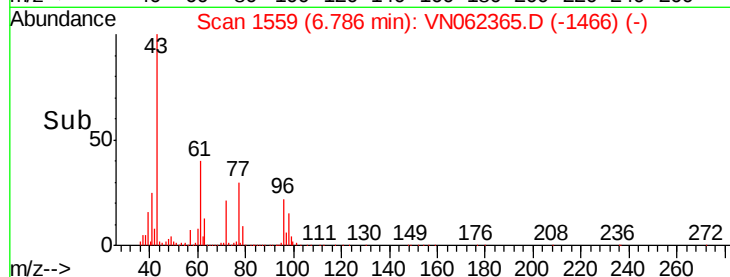
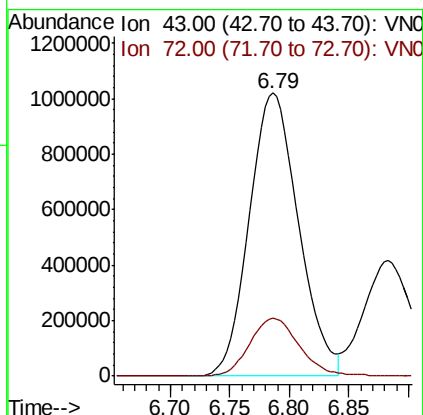
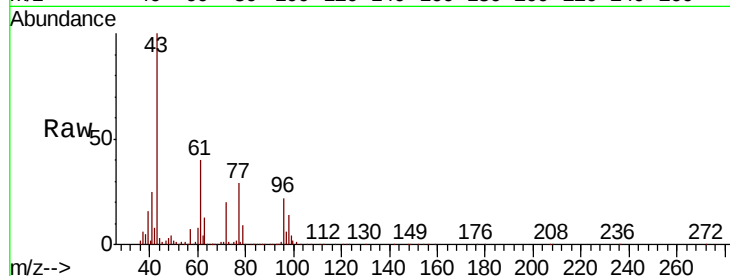




#25
2-Butanone
Concen: 358.085 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

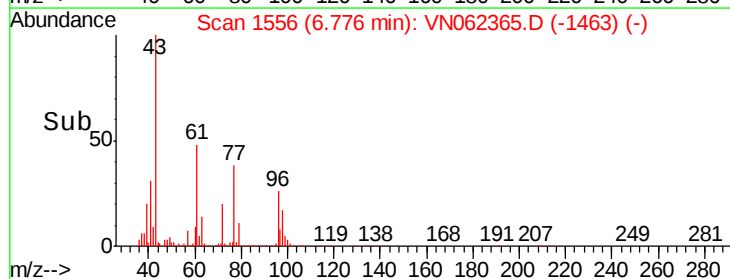
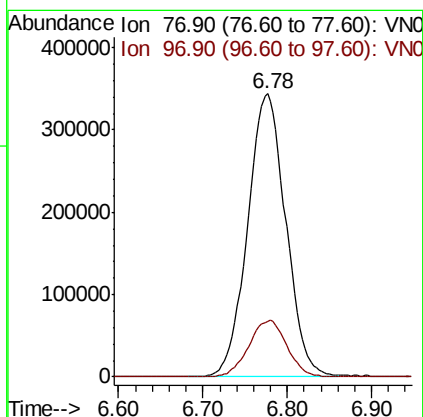
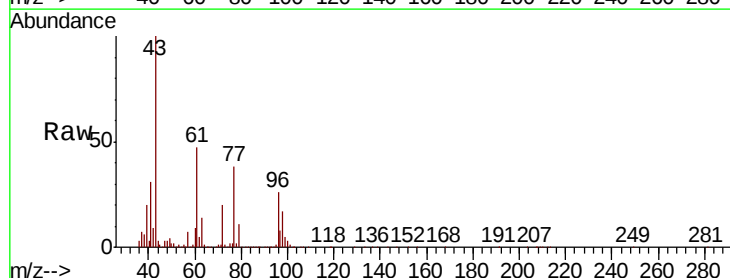
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

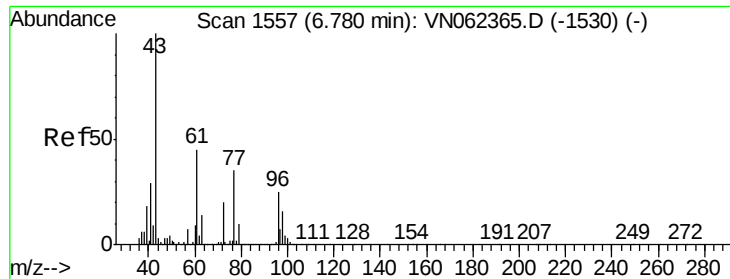
Tot Ion: 43 Resp: 2919483
Ion Ratio Lower Upper
43 100
72 20.5 16.4 24.6



#26
2,2-Dichloropropane
Concen: 51.476 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 77 Resp: 1079052
Ion Ratio Lower Upper
77 100
97 20.1 10.1 30.1

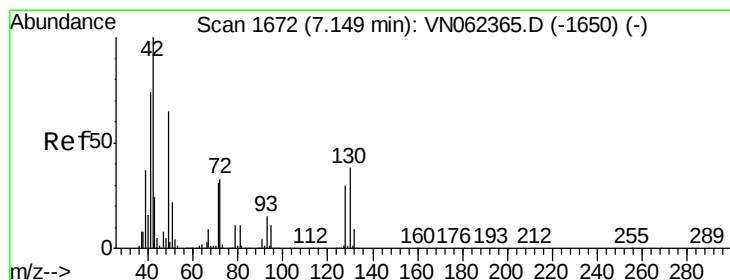
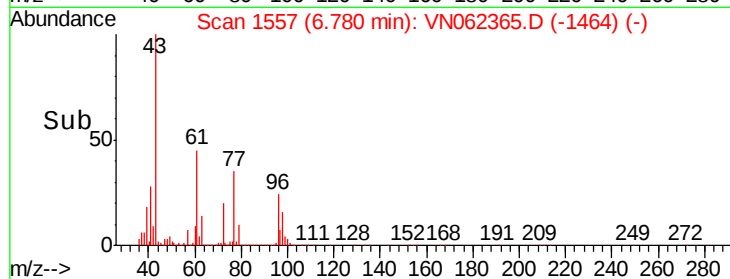
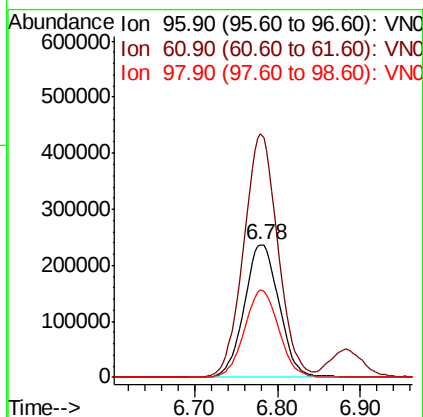
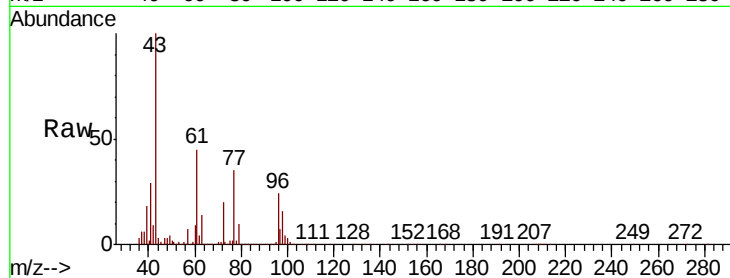




#27
 cis-1,2-Dichloroethene
 Concen: 43.925 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

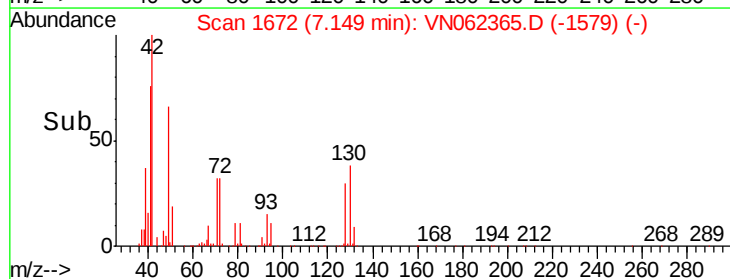
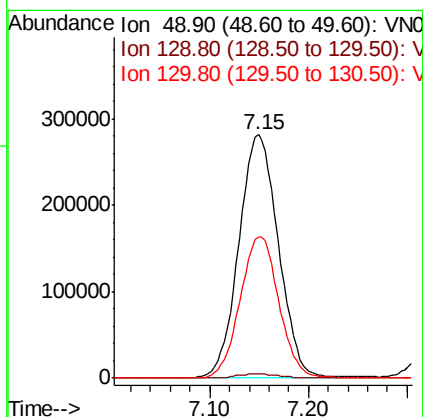
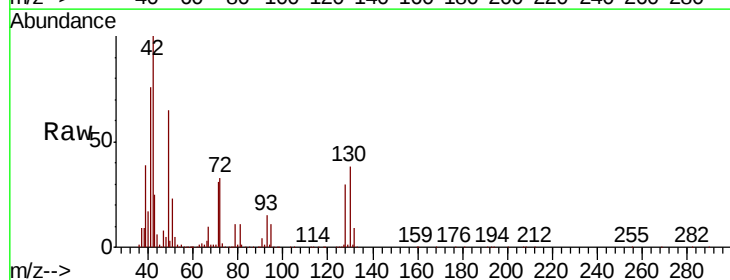
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

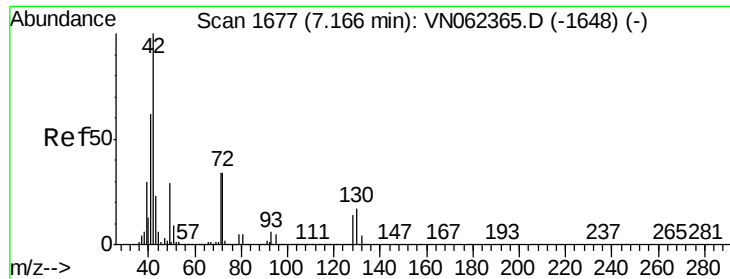
Tot Ion	Ratio	Lower	Upper
96	100		
61	179.4	0.0	358.8
98	65.3	0.0	130.6



#28
 Bromochloromethane
 Concen: 66.609 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	57.3	45.8	68.8

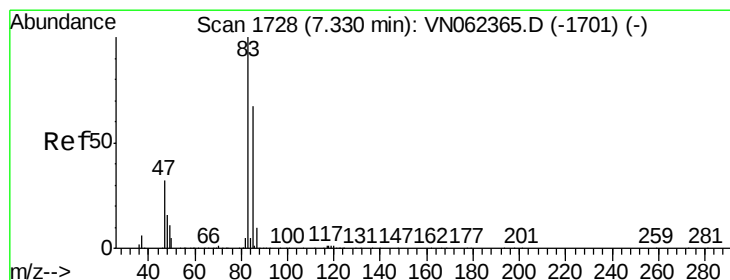
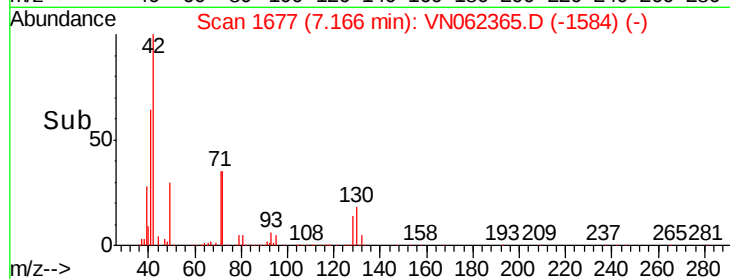
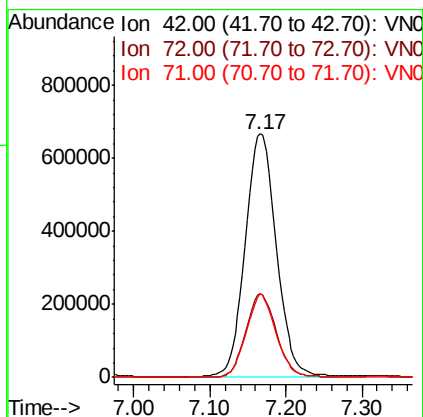
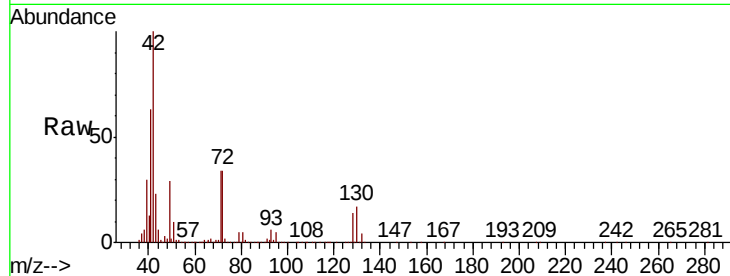




#29
Tetrahydrofuran
Concen: 358.251 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

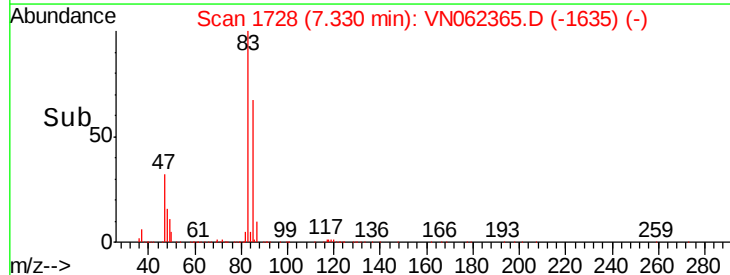
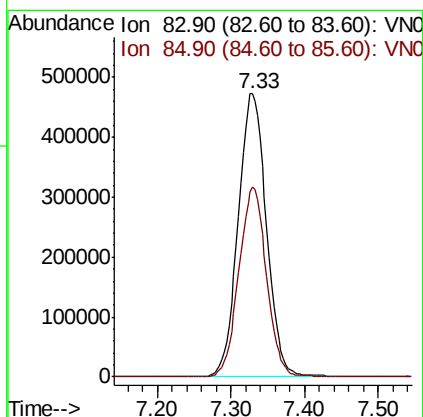
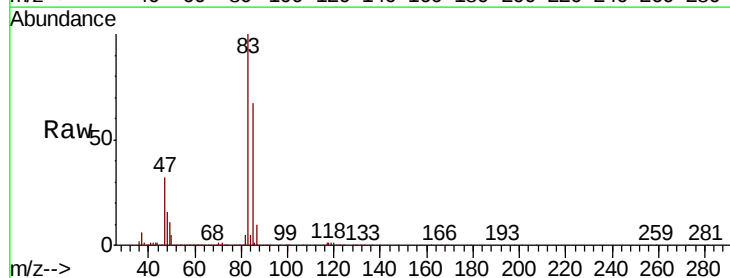
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

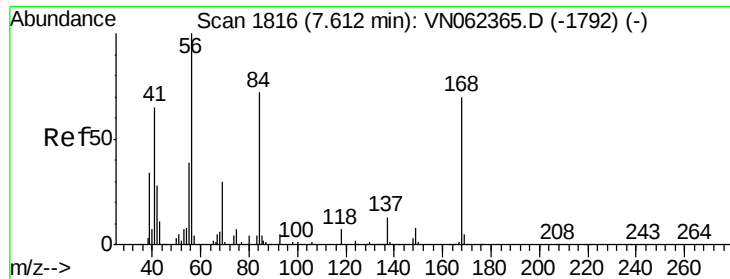
Tot Ion: 42 Resp: 1908161
Ion Ratio Lower Upper
42 100
72 33.5 26.8 40.2
71 32.5 26.0 39.0



#30
Chloroform
Concen: 49.605 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 83 Resp: 1263880
Ion Ratio Lower Upper
83 100
85 67.0 53.6 80.4

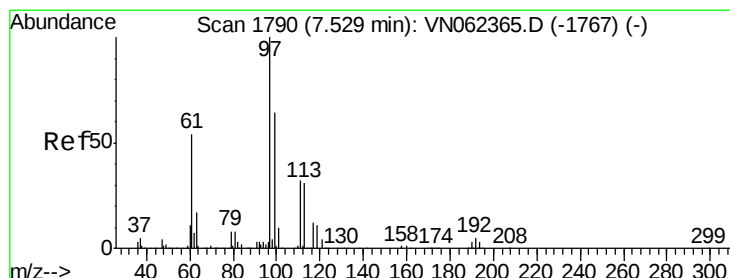
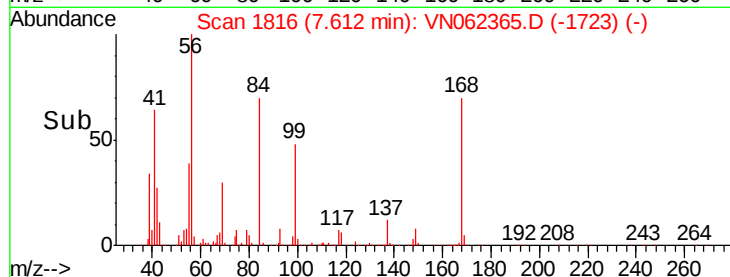
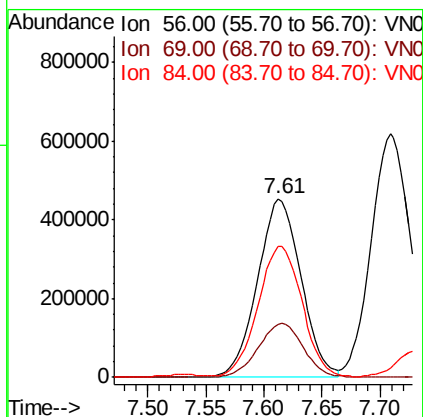
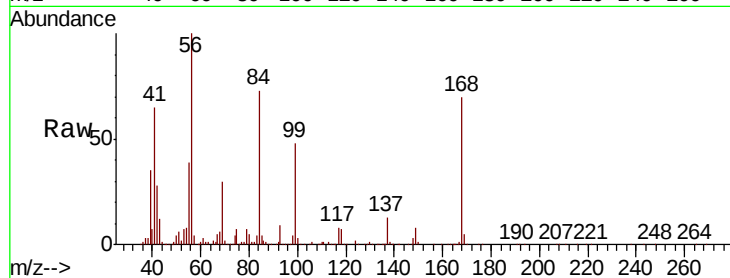




#31
Cyclohexane
Concen: 54.258 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

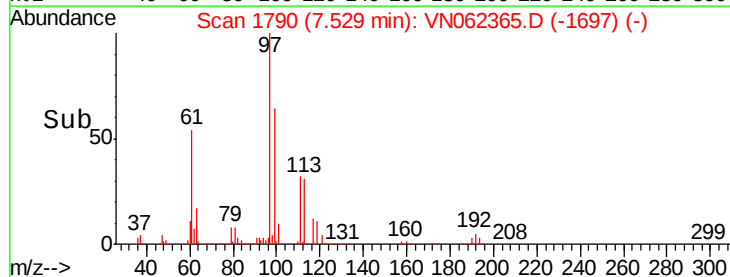
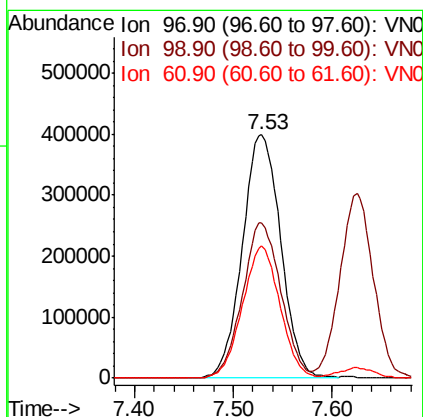
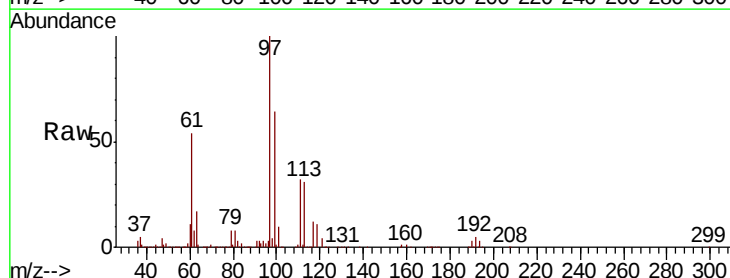
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

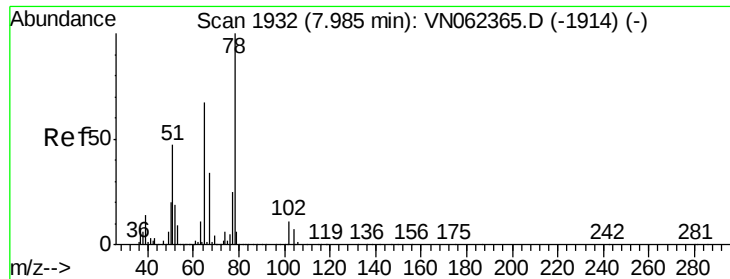
Tot Ion: 56 Resp: 1181497
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 71.5 57.2 85.8



#32
1,1,1-Trichloroethane
Concen: 50.025 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 97 Resp: 1074392
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 53.1 42.5 63.7

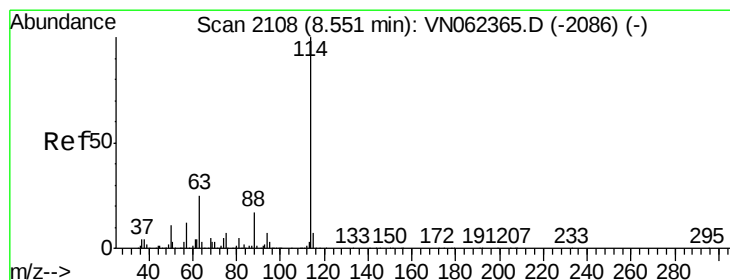
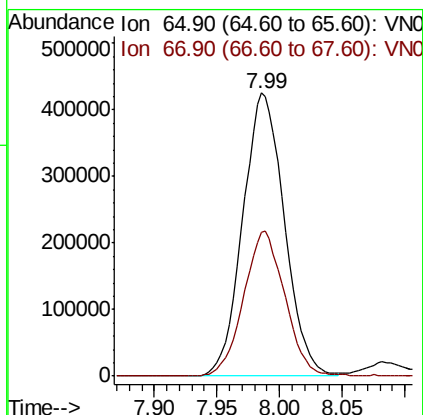
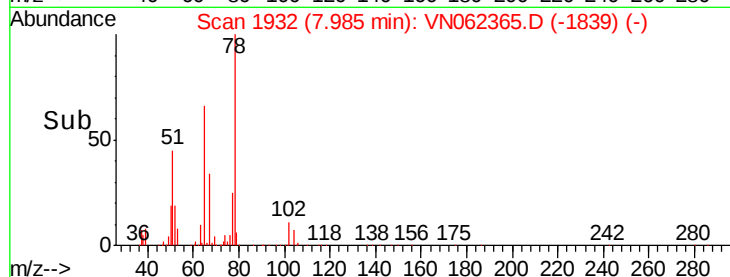
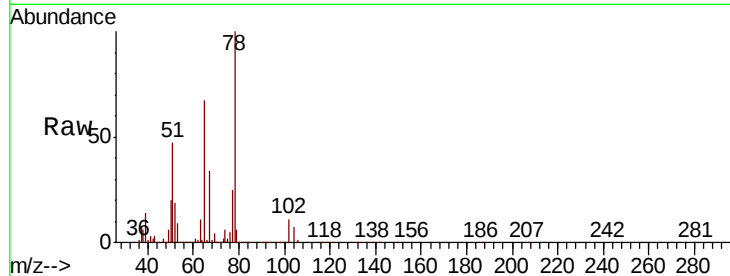




#33
 1,2-Dichloroethane-d4
 Concen: 60.102 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

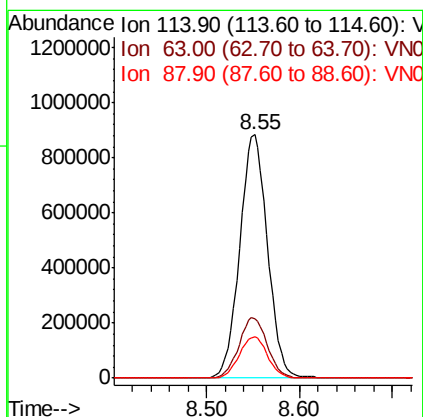
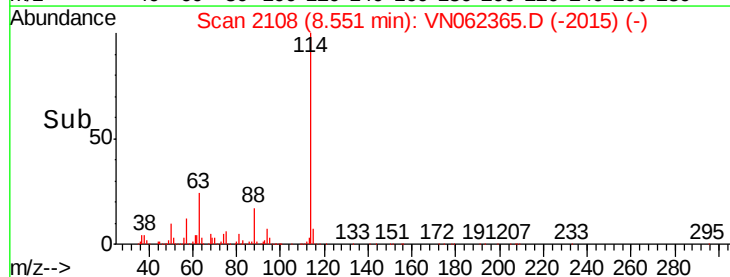
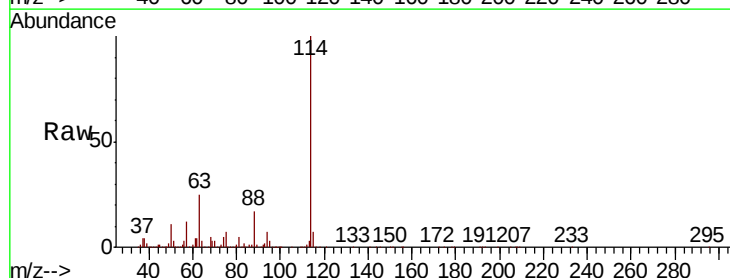
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

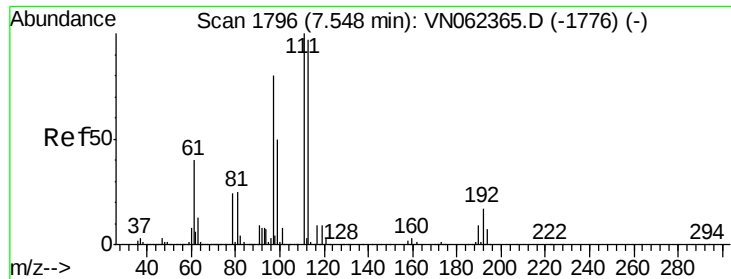
Tot Ion: 65 Resp: 980983
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion: 114 Resp: 1832948
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.0
 88 17.0 0.0 34.0

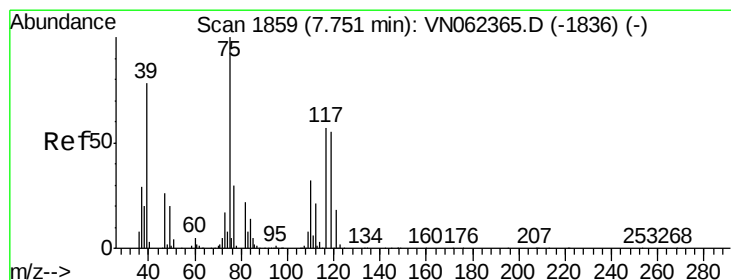
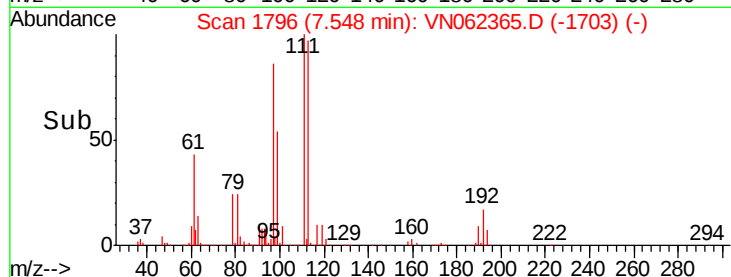
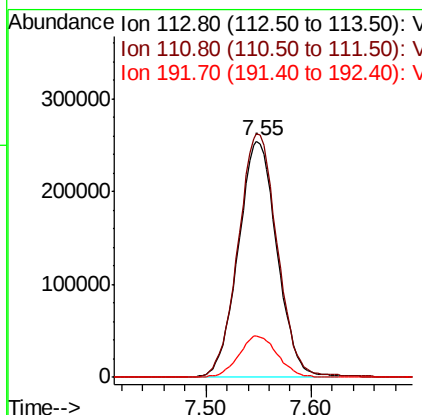
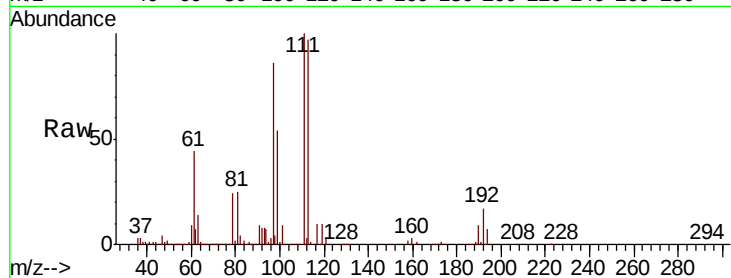




#35
 Dibromofluoromethane
 Concen: 53.316 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

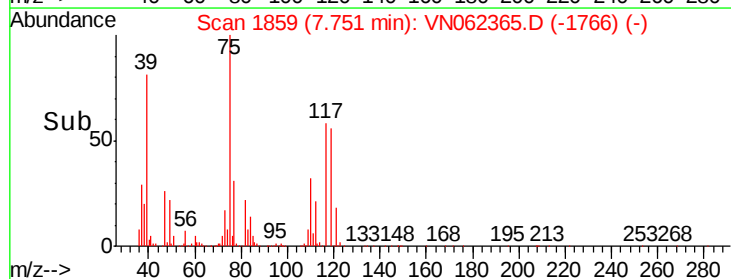
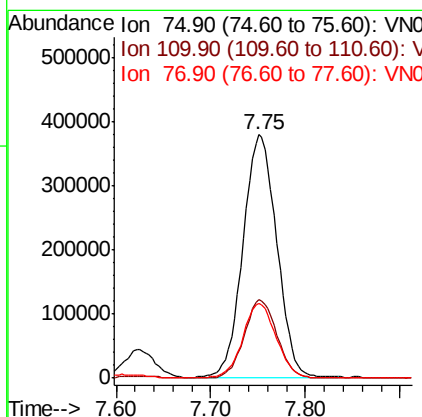
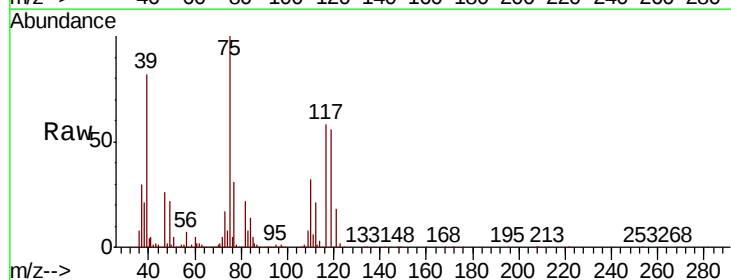
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

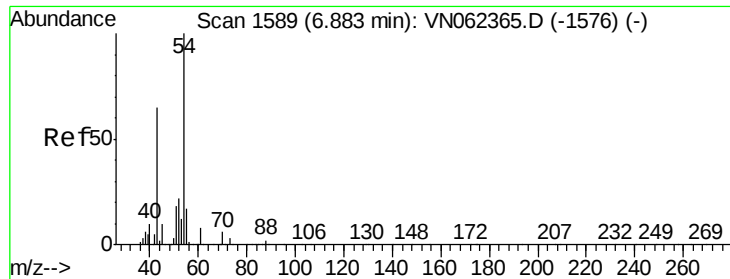
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.2	124.8
192	17.7	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 50.219 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.4	15.7	47.1
77	30.4	24.3	36.5

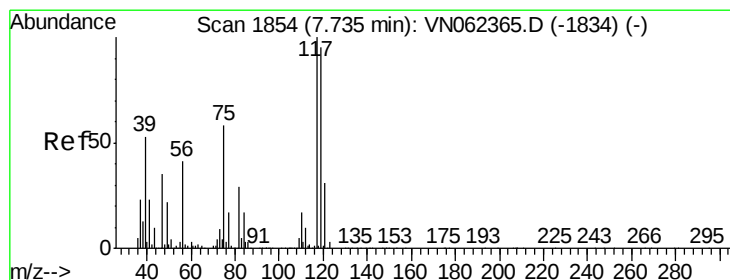
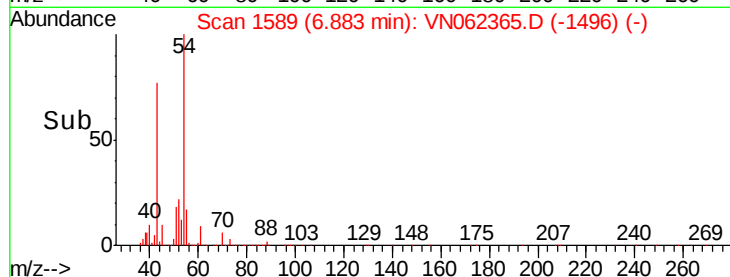
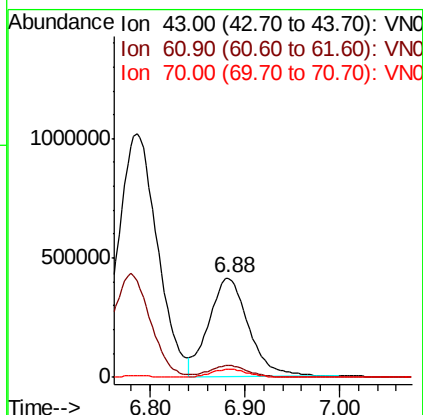
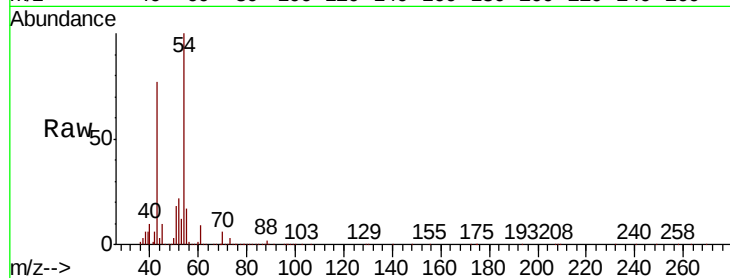




#37
Ethyl Acetate
Concen: 71.674 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

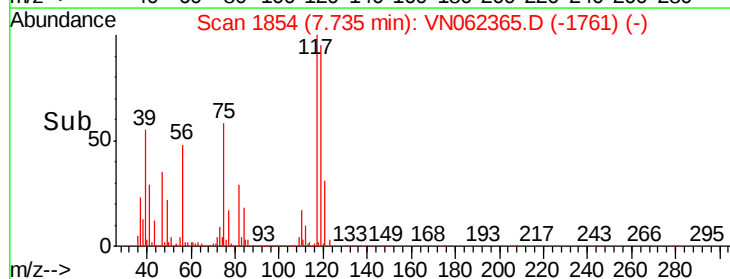
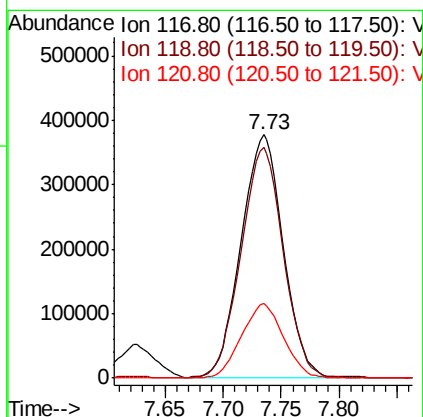
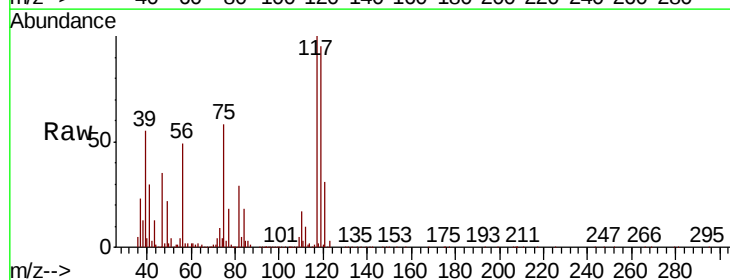
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

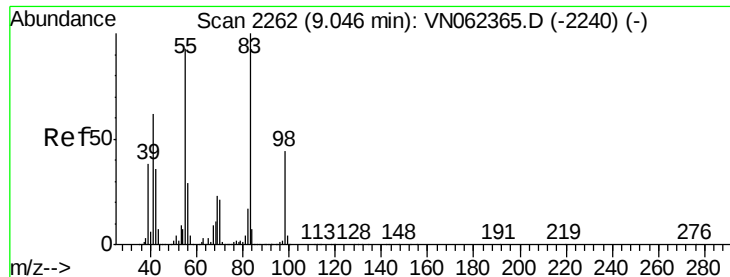
Tot Ion: 43 Resp: 1205406
Ion Ratio Lower Upper
43 100
61 11.0 8.8 13.2
70 7.8 6.2 9.4



#38
Carbon Tetrachloride
Concen: 53.271 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 117 Resp: 948671
Ion Ratio Lower Upper
117 100
119 94.9 75.9 113.9
121 30.7 24.6 36.8

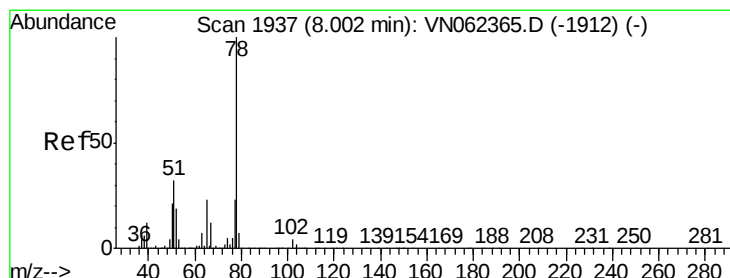
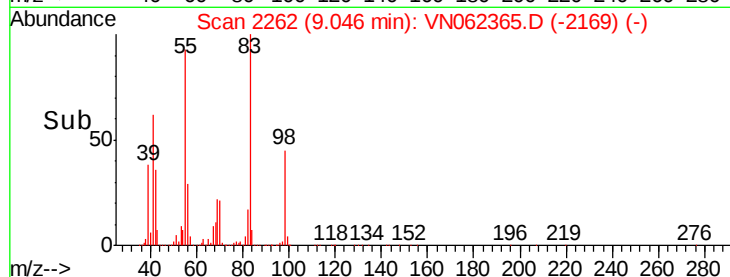
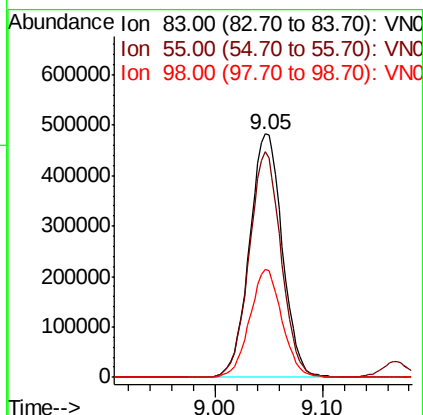
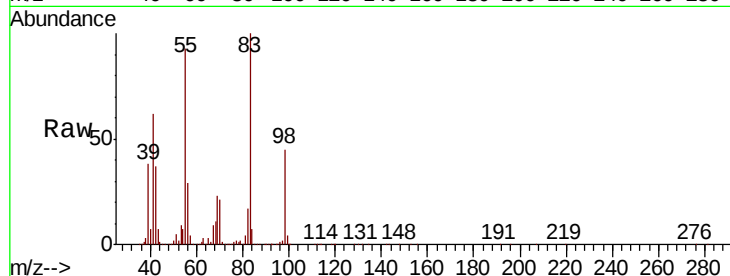




#39
Methvlcvclohexane
Concen: 50.078 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

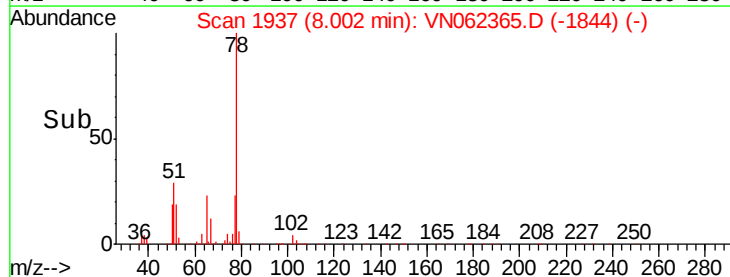
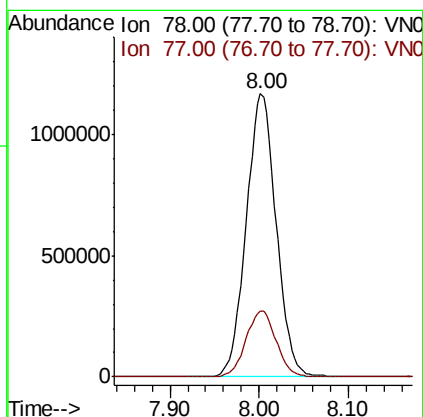
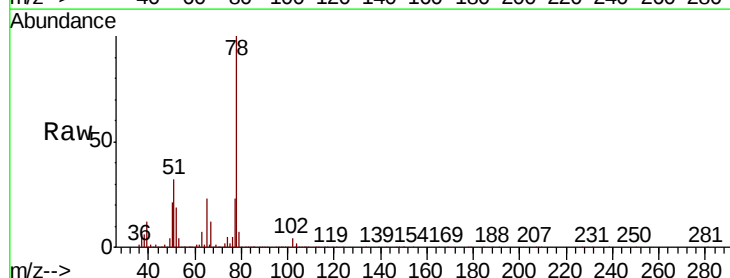
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

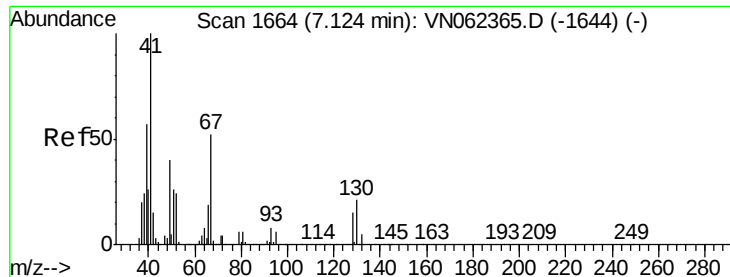
Tot Ion: 83 Resp: 1019373
Ion Ratio Lower Upper
83 100
55 92.6 74.1 111.1
98 44.5 35.6 53.4



#40
Benzene
Concen: 48.344 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 78 Resp: 2726858
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

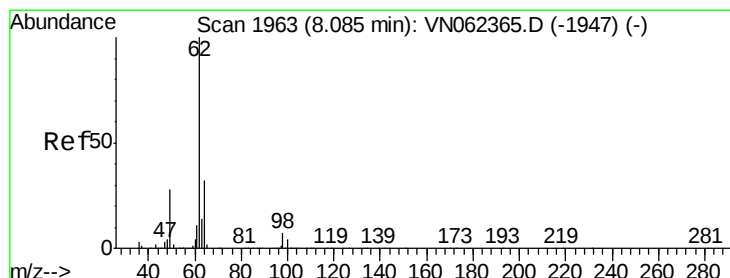
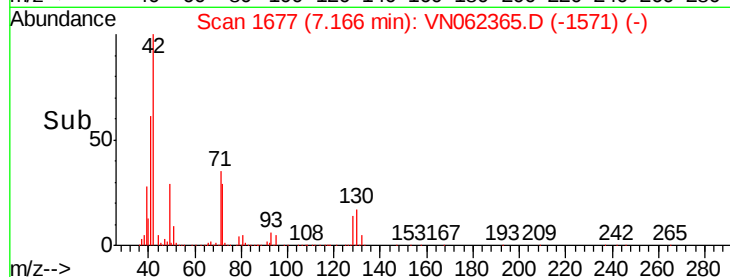
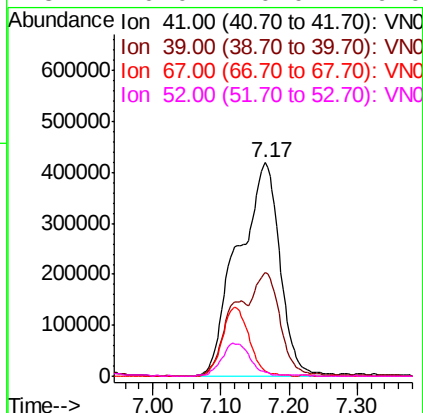
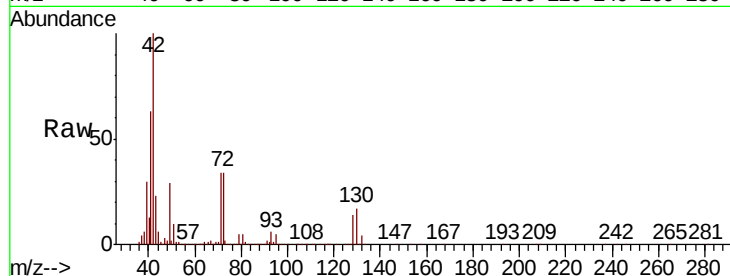




#41
Methacrylonitrile
Concen: 234.150 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

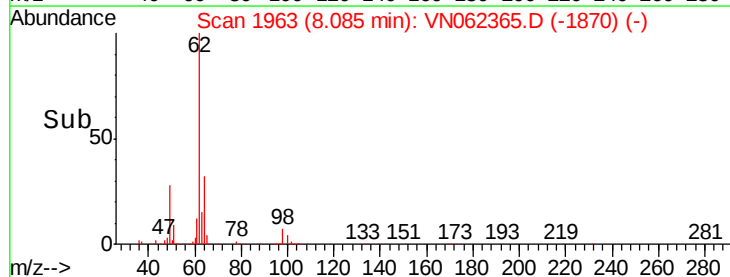
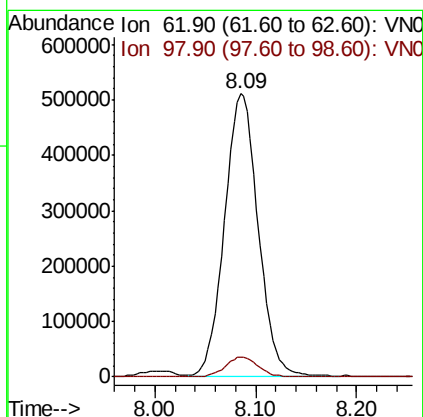
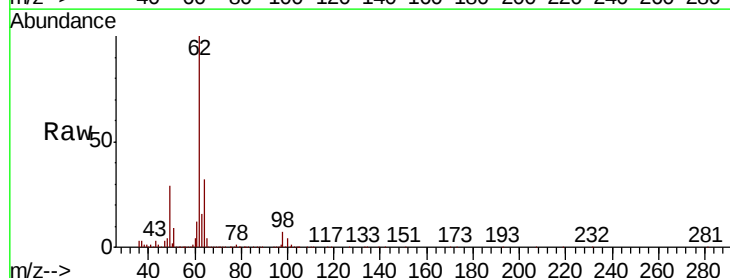
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

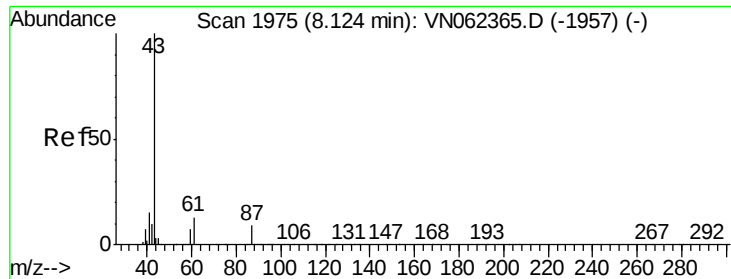
Tot Ion:	41	Resp:	1786764
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 59.297 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion:	62	Resp:	1180127
Ion	Ratio	Lower	Upper
62	100		
98	6.7	0.0	13.4





#43

Isopropyl Acetate

Concen: 72.085 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

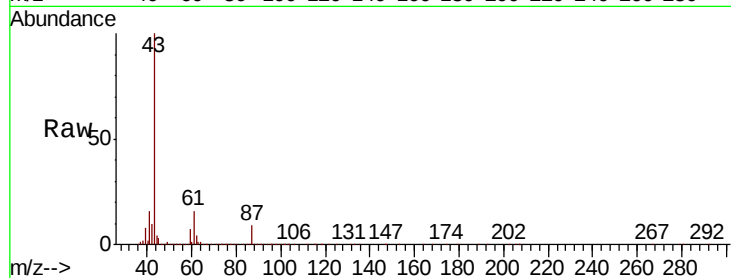
Tot Ion: 43 Resp: 1980765

Ion Ratio Lower Upper

43 100

61 16.4 13.1 19.7

87 9.4 7.5 11.3

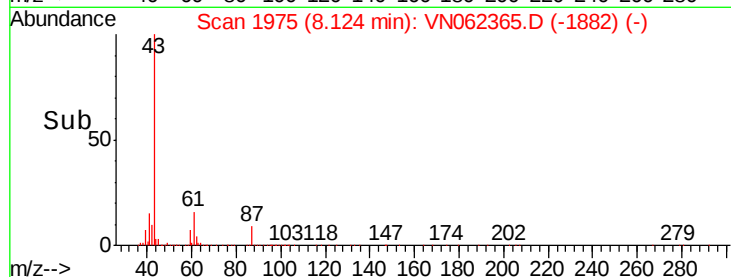


Abundance Ion 43.00 (42.70 to 43.70): VN062365.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062365.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062365.D (-1957) (-)

Time-->

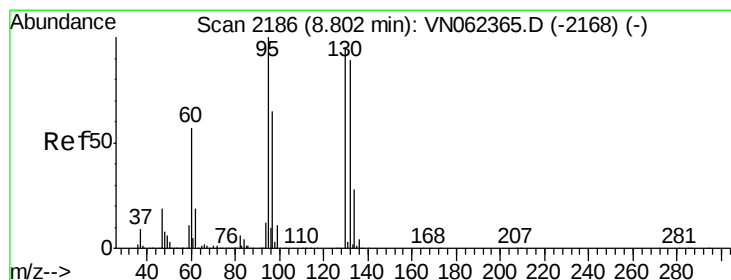


Abundance Ion 43.00 (42.70 to 43.70): VN062365.D (-1882) (-)

Ion 61.00 (60.70 to 61.70): VN062365.D (-1882) (-)

Ion 87.00 (86.70 to 87.70): VN062365.D (-1882) (-)

Time-->



#44

Trichloroethene

Concen: 44.698 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062365.D

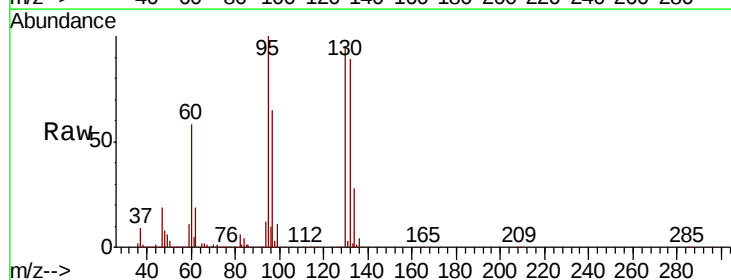
Acq: 6 Jul 2020 13:38

Tgt Ion: 130 Resp: 629698

Ion Ratio Lower Upper

130 100

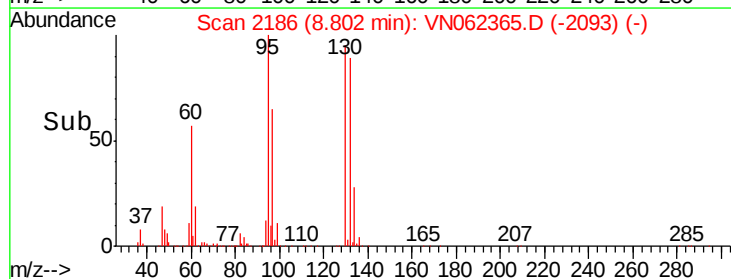
95 104.9 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): VN062365.D (-2168) (-)

Ion 94.90 (94.60 to 95.60): VN062365.D (-2168) (-)

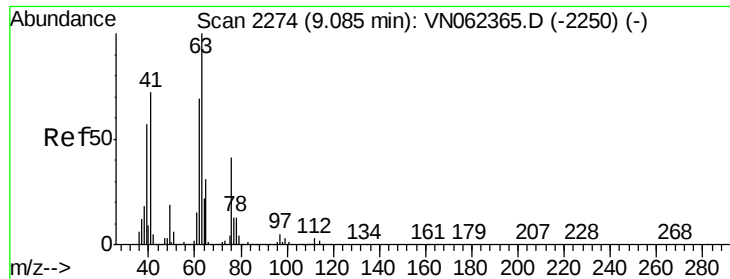
Time-->



Abundance Ion 129.80 (129.50 to 130.50): VN062365.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062365.D (-2093) (-)

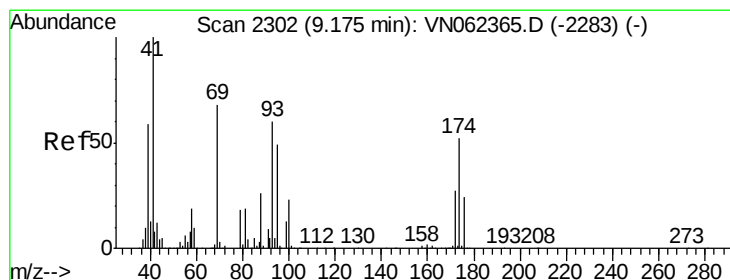
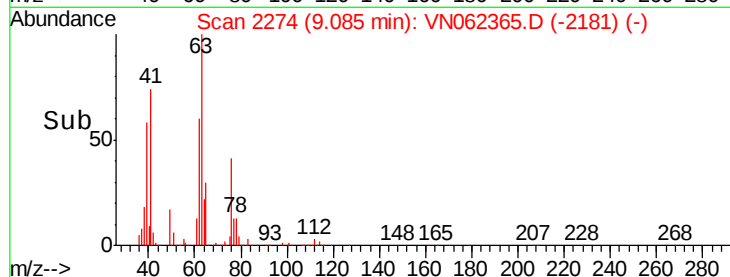
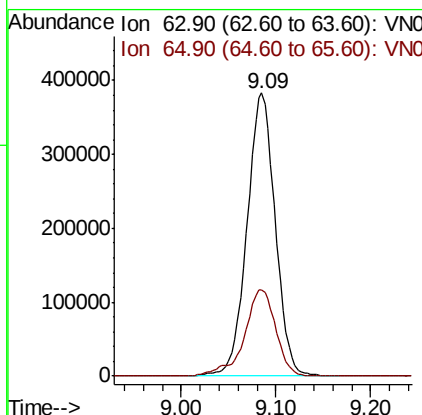
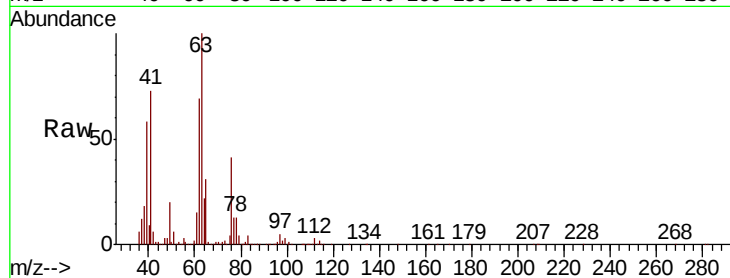
Time-->



#45
 1,2-Dichloropropane
 Concen: 55.378 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

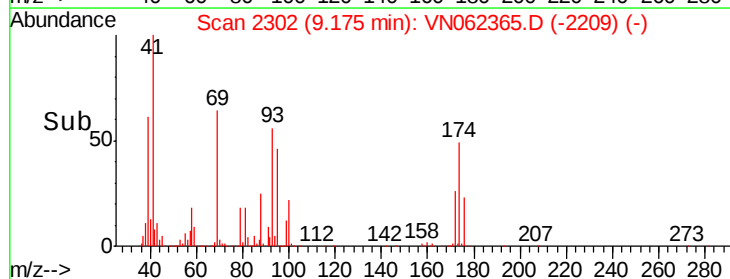
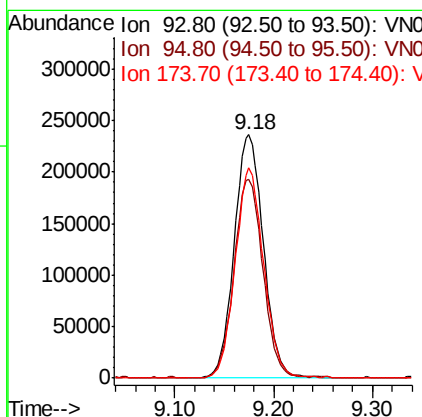
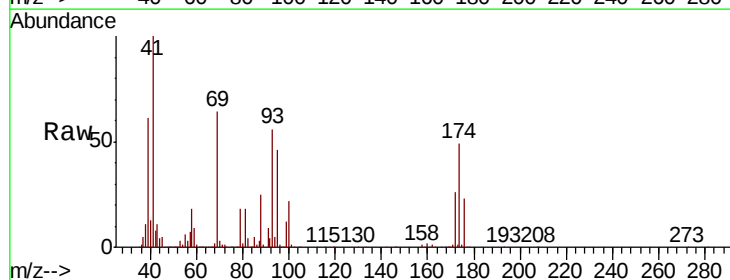
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

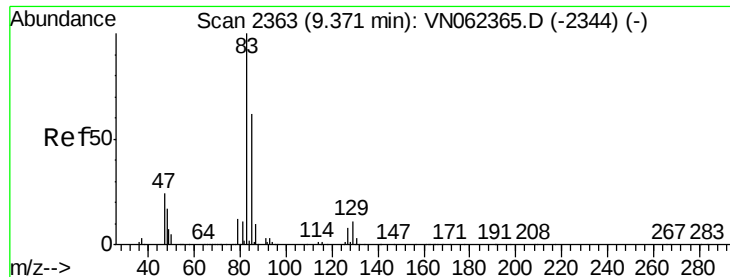
Tot Ion: 63 Resp: 792209
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.4



#46
 Dibromomethane
 Concen: 51.045 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion: 93 Resp: 486013
 Ion Ratio Lower Upper
 93 100
 95 81.0 64.8 97.2
 174 84.5 67.6 101.4





#47

Bromodichloromethane

Concen: 54.105 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

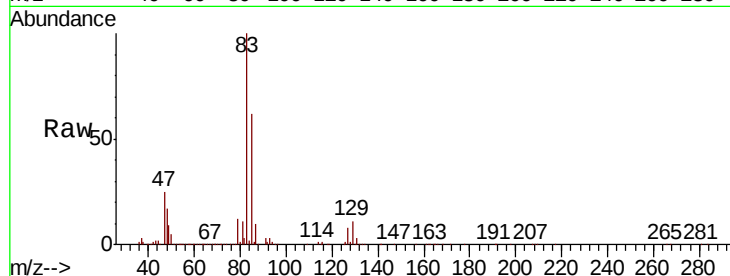
Tot Ion: 83 Resp: 1048926

Ion Ratio Lower Upper

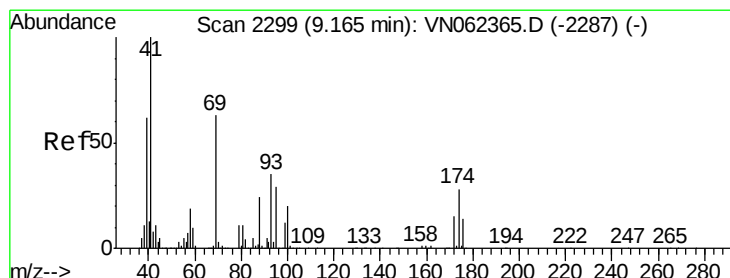
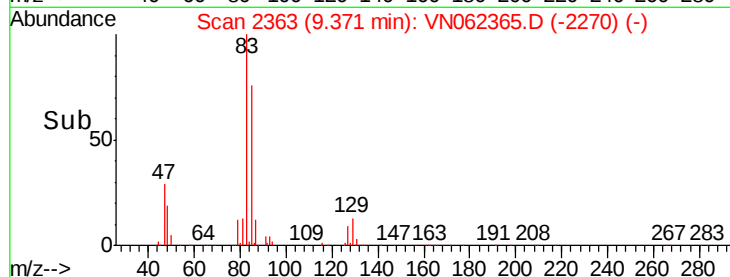
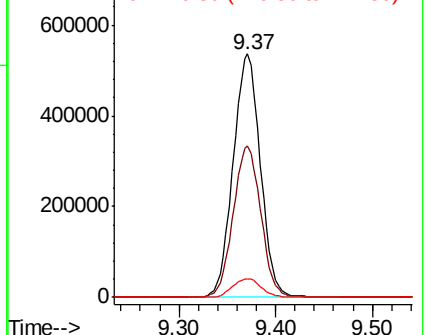
83 100

85 62.2 49.8 74.6

127 7.7 6.2 9.2



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



#48

Methyl methacrylate

Concen: 78.611 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

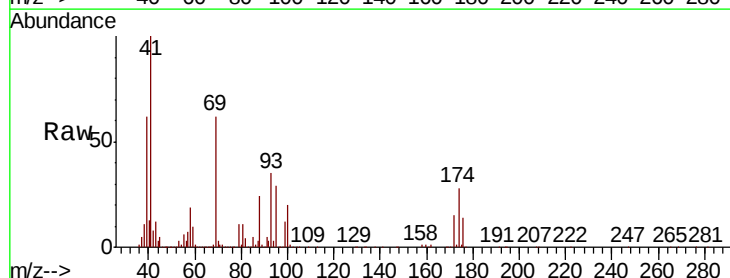
Tgt Ion: 41 Resp: 992461

Ion Ratio Lower Upper

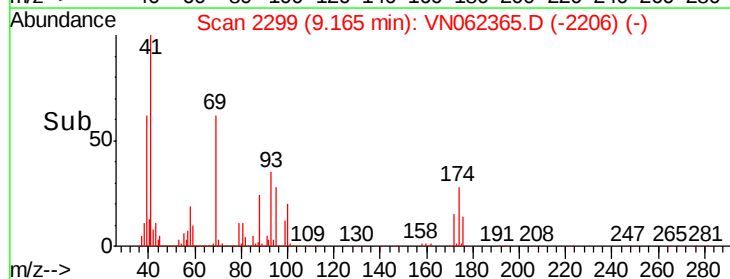
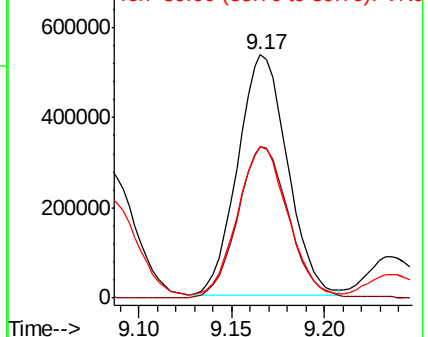
41 100

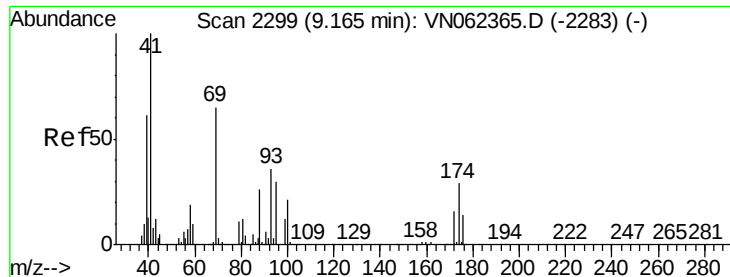
69 64.4 51.5 77.3

39 64.0 51.2 76.8



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

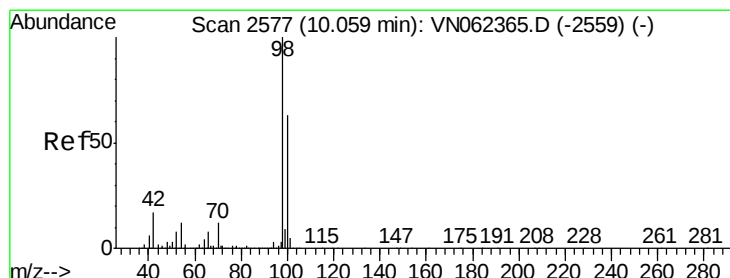
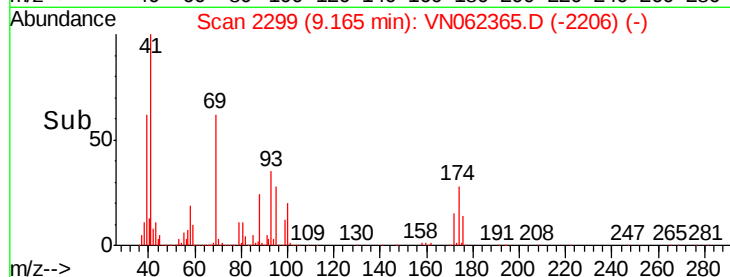
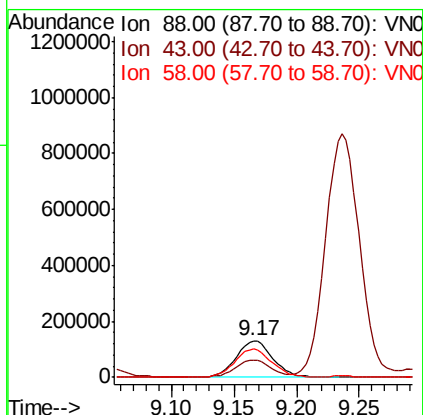
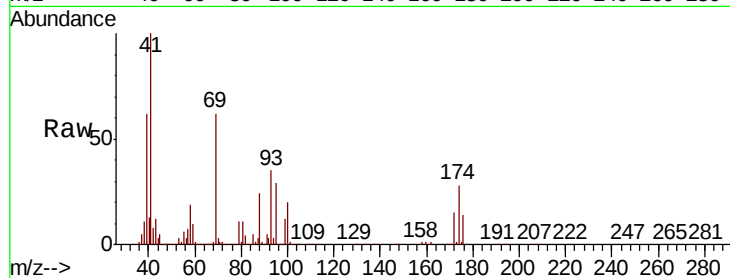




#49
1,4-Dioxane
Concen: 1071.679 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

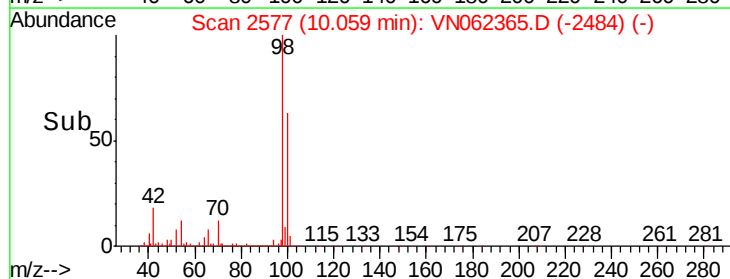
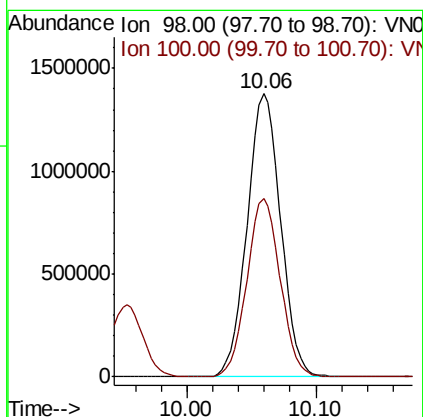
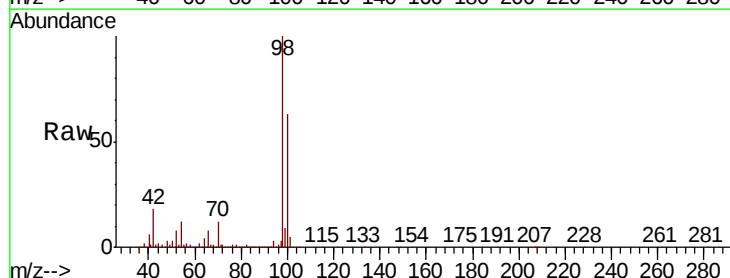
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

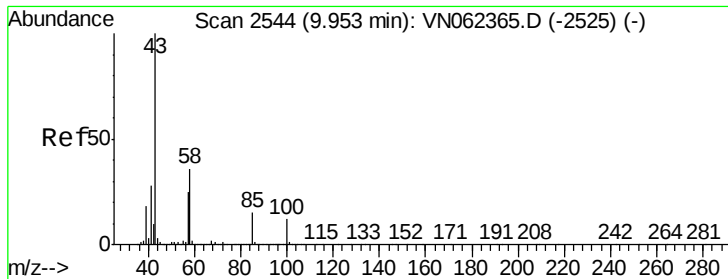
Tot Ion: 88 Resp: 266453
Ion Ratio Lower Upper
88 100
43 42.5 34.0 51.0
58 78.7 63.0 94.4



#50
Toluene-d8
Concen: 51.712 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 98 Resp: 2493628
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2

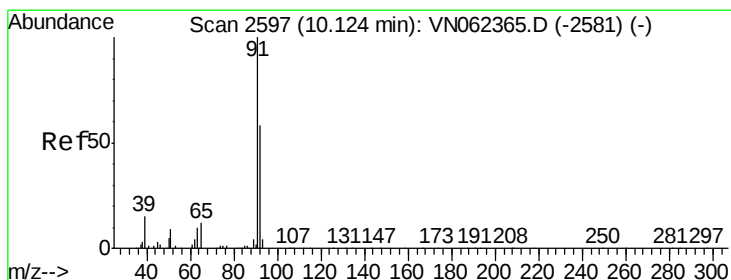
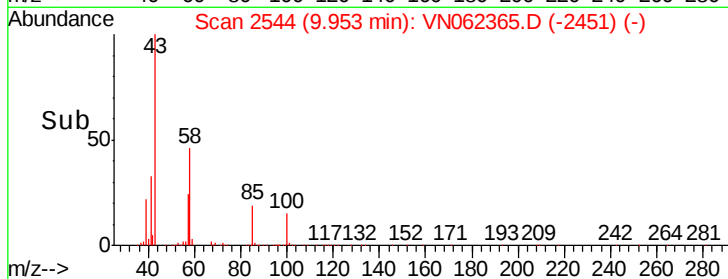
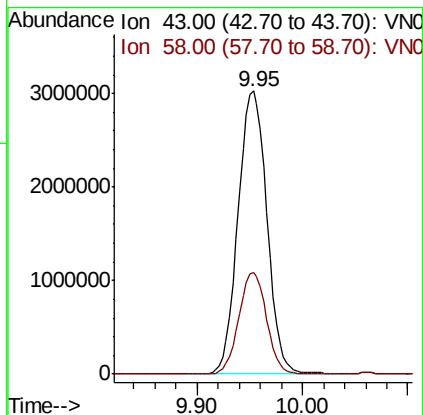
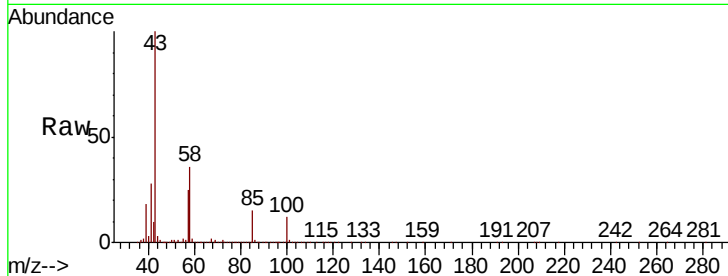




#51
 4-Methyl-2-Pentanone
 Concen: 361.046 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

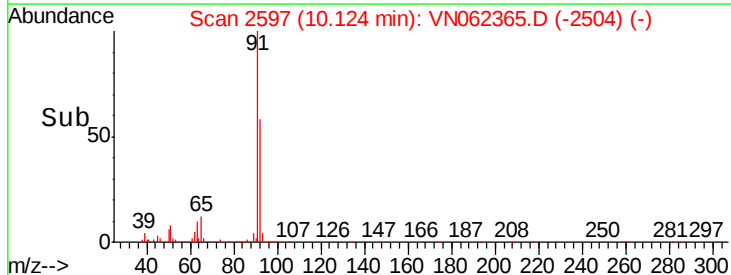
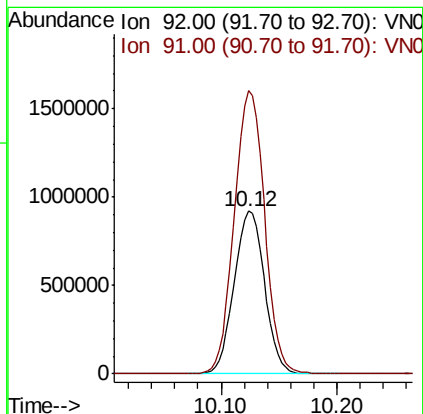
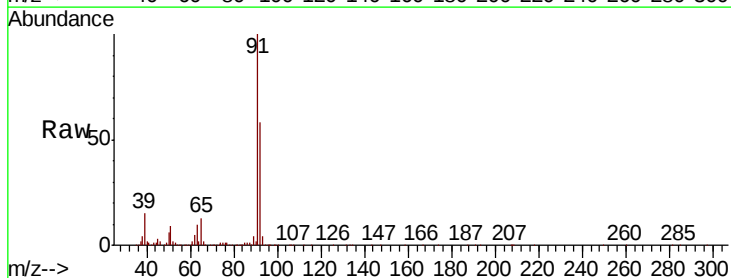
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

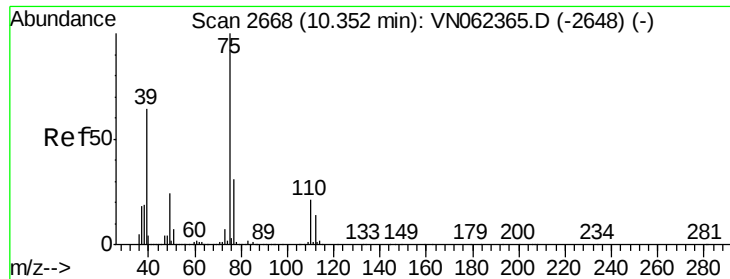
Tot Ion: 43 Resp: 5745550
 Ion Ratio Lower Upper
 43 100
 58 34.5 27.6 41.4



#52
 Toluene
 Concen: 49.027 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion: 92 Resp: 1674486
 Ion Ratio Lower Upper
 92 100
 91 174.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 55.415 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

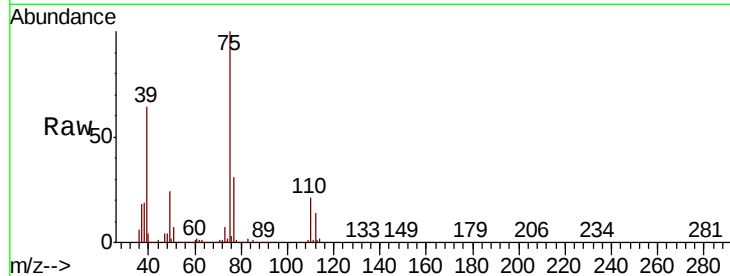
VSTDICCC050

Tot Ion: 75 Resp: 1185585

Ion Ratio Lower Upper

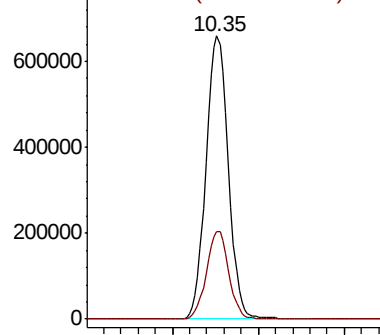
75 100

77 31.1 24.9 37.3

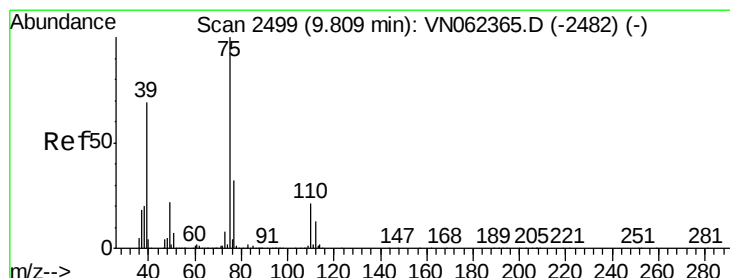
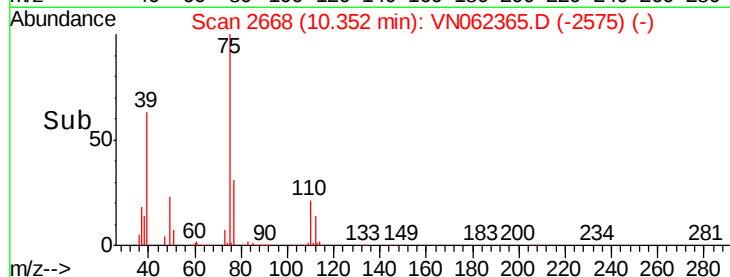


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.138 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

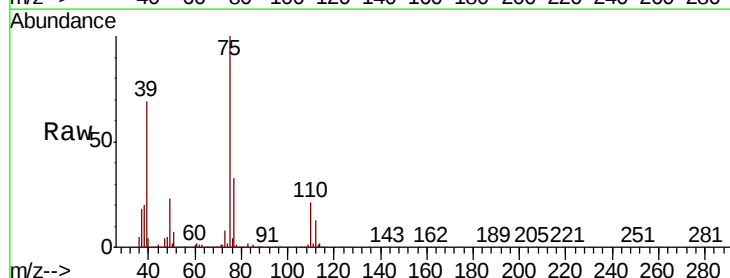
Tgt Ion: 75 Resp: 1224789

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

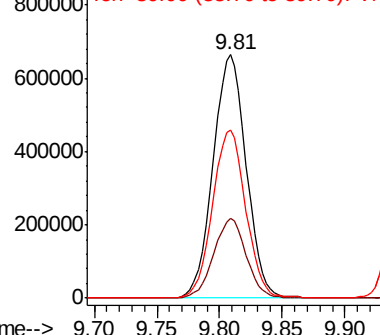
39 69.1 55.3 82.9



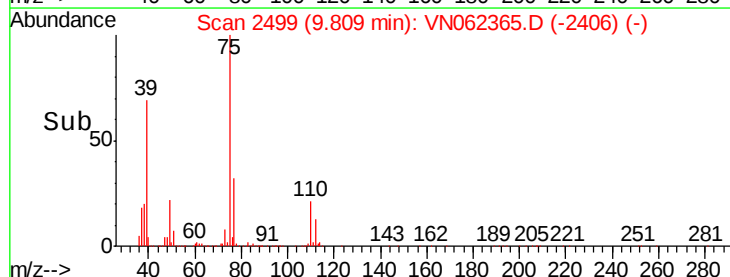
Abundance Ion 74.90 (74.60 to 75.60): VN0

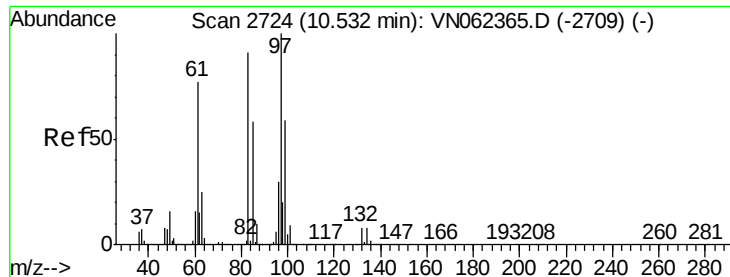
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->

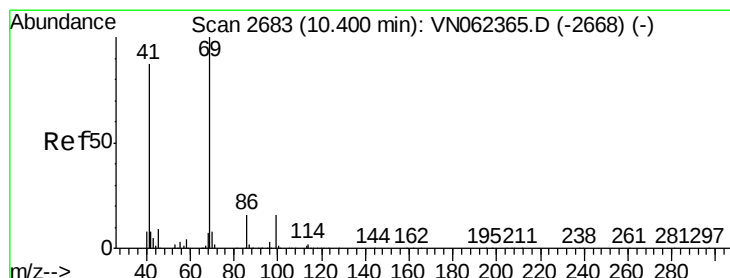
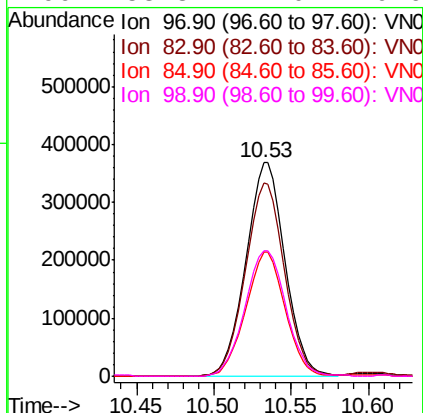
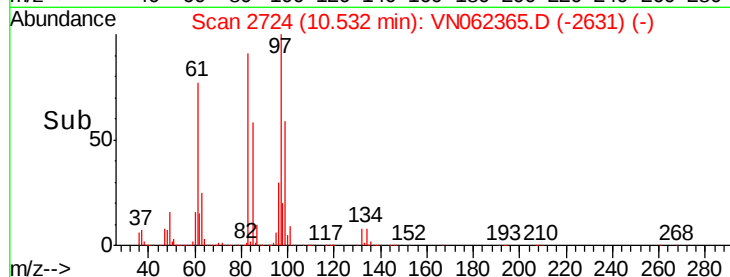
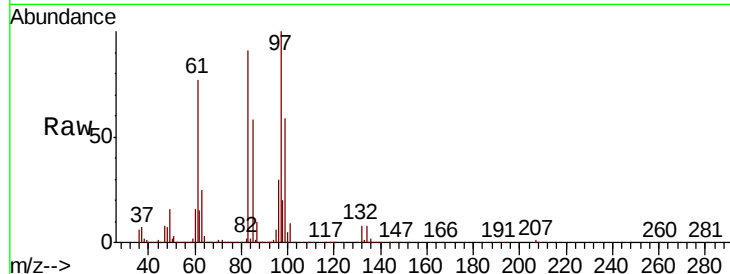




#55
 1,1,2-Trichloroethane
 Concen: 48.375 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

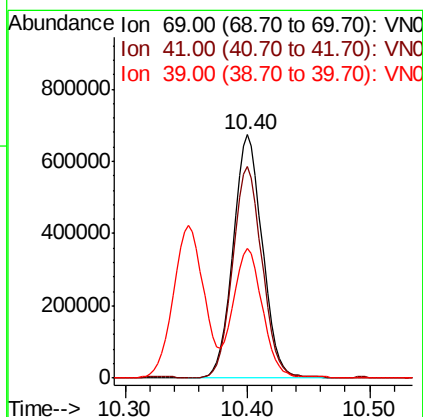
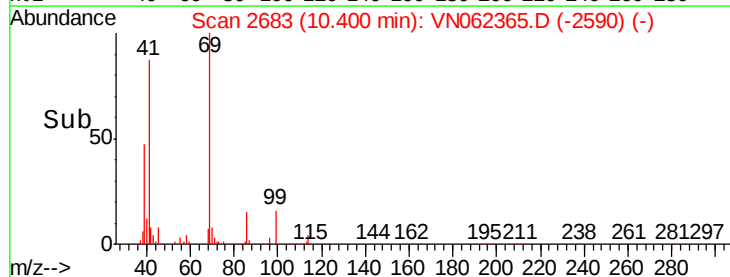
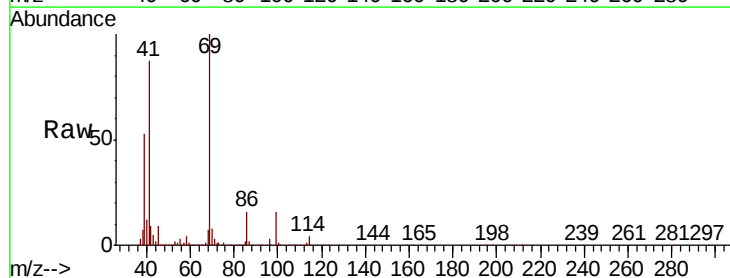
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

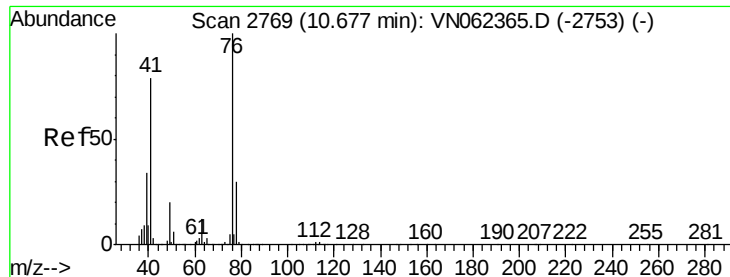
Tot Ion:	97	Resp:	649307
Ion	Ratio	Lower	Upper
97	100		
83	90.5	72.4	108.6
85	57.9	46.3	69.5
99	58.8	47.0	70.6



#56
 Ethyl methacrylate
 Concen: 60.204 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion:	69	Resp:	1118751
Ion	Ratio	Lower	Upper
69	100		
41	86.7	69.4	104.0
39	53.0	42.4	63.6

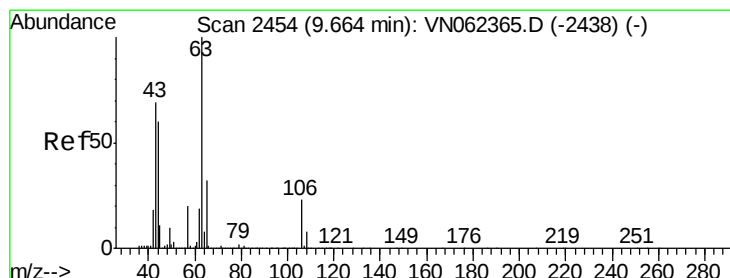
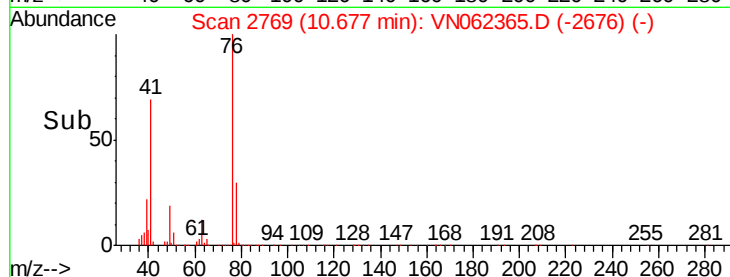
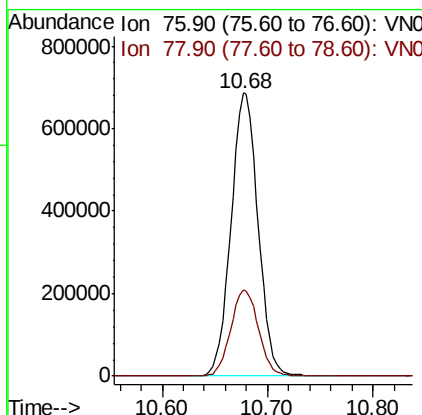
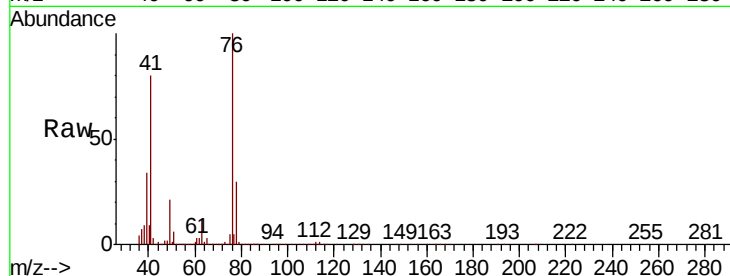




#57
 1,3-Dichloropropane
 Concen: 51.673 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

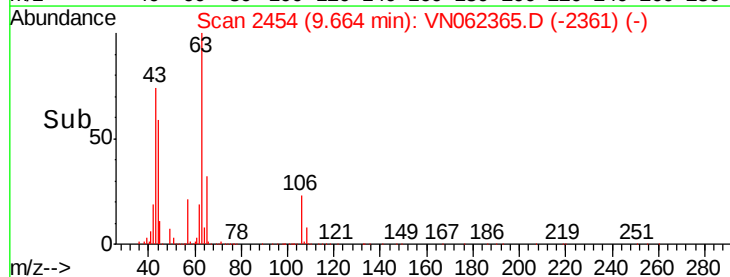
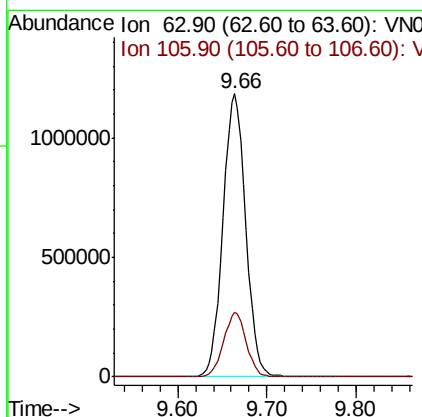
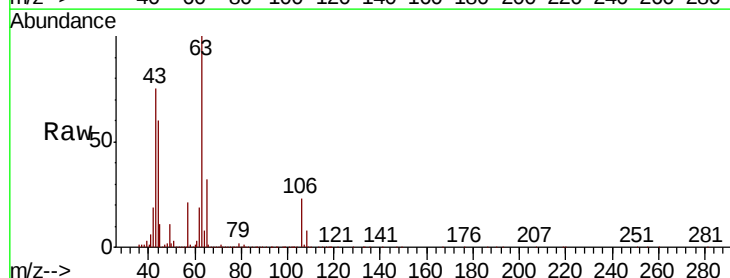
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

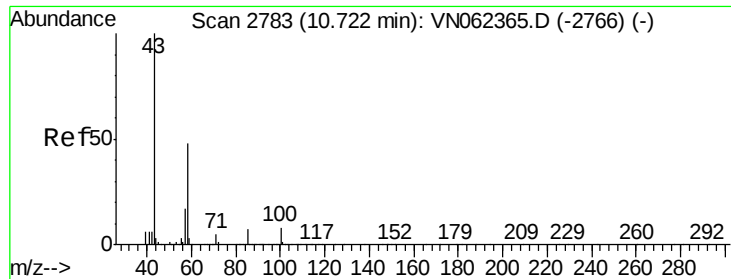
Tot Ion: 76 Resp: 1214461
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.0 37.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 299.038 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion: 63 Resp: 2088393
 Ion Ratio Lower Upper
 63 100
 106 22.5 18.0 27.0

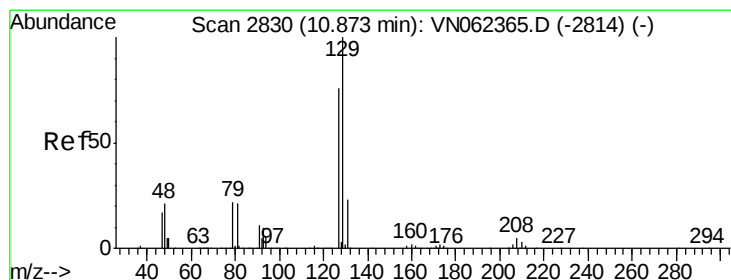
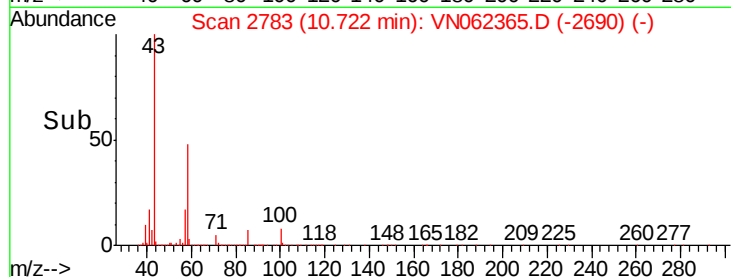
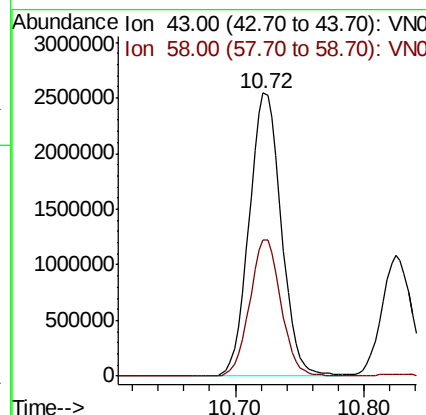
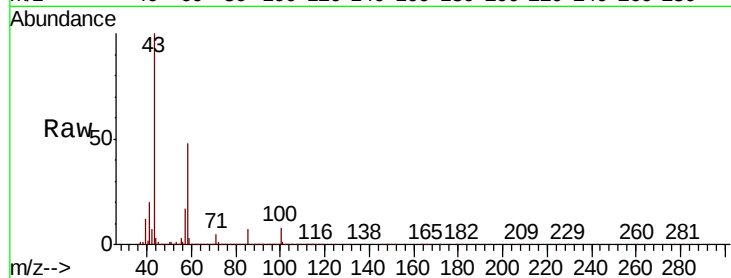




#59
2-Hexanone
Concen: 379.565 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

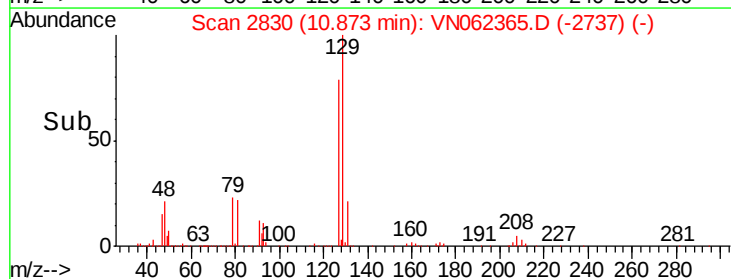
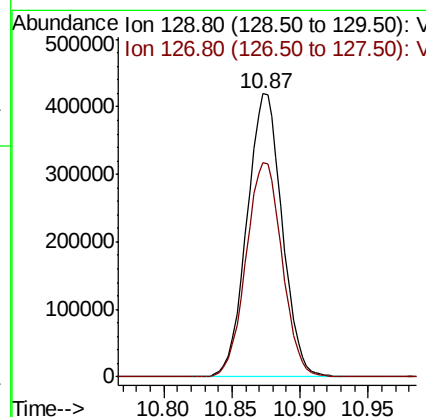
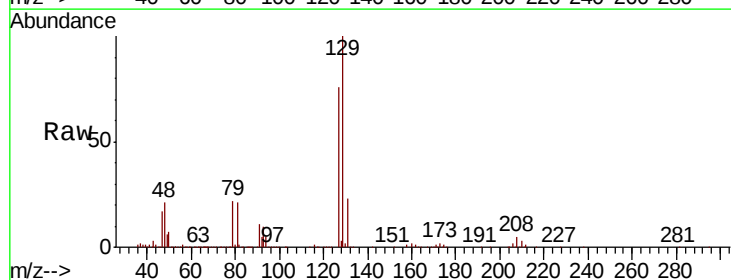
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

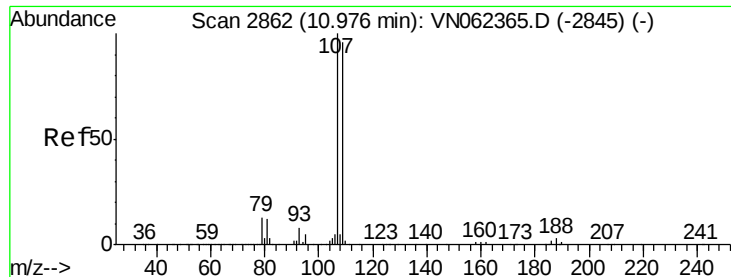
Tot Ion: 43 Resp: 4408449
Ion Ratio Lower Upper
43 100
58 47.1 23.5 70.6



#60
Dibromochloromethane
Concen: 52.026 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 129 Resp: 750963
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3

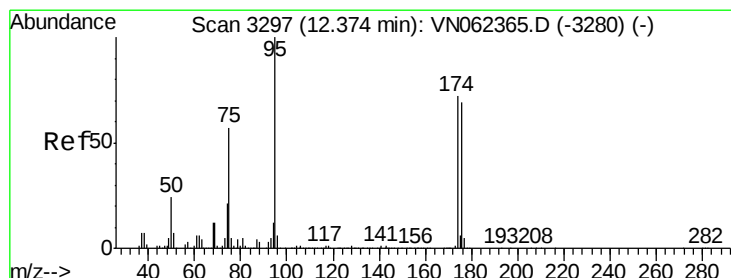
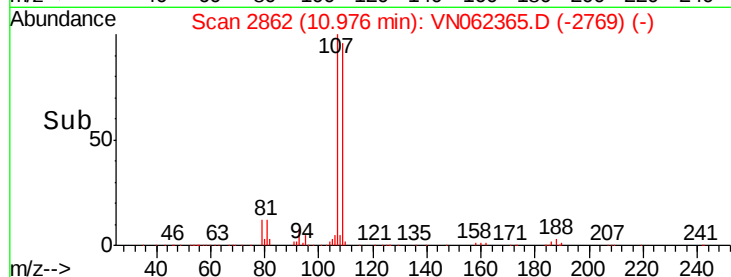
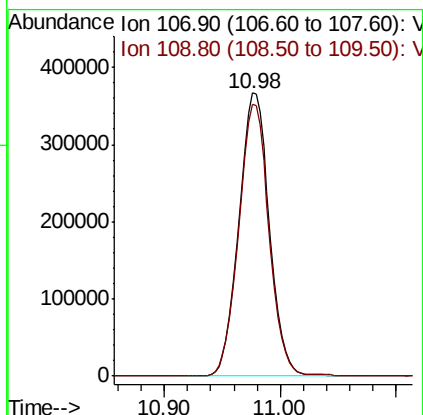
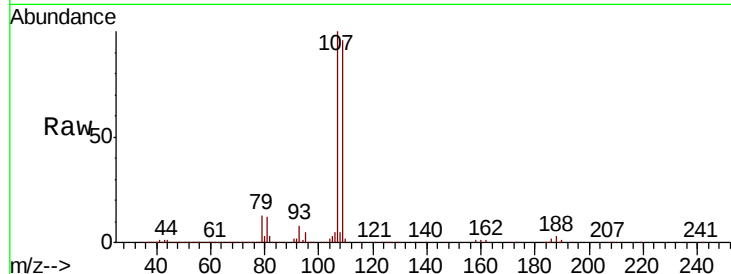




#61
 1,2-Dibromoethane
 Concen: 48.354 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

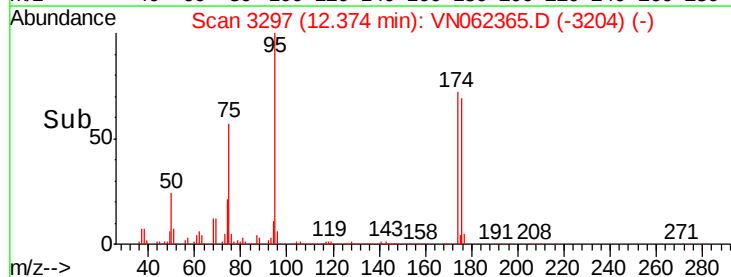
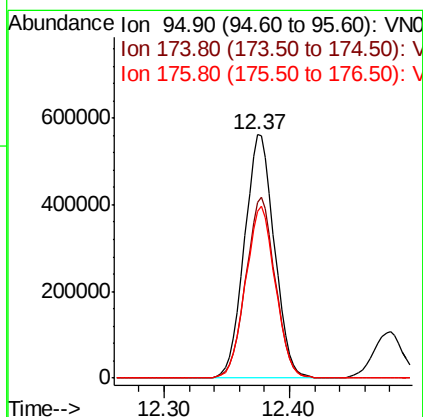
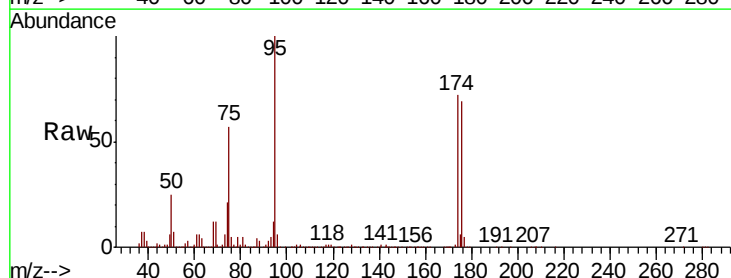
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

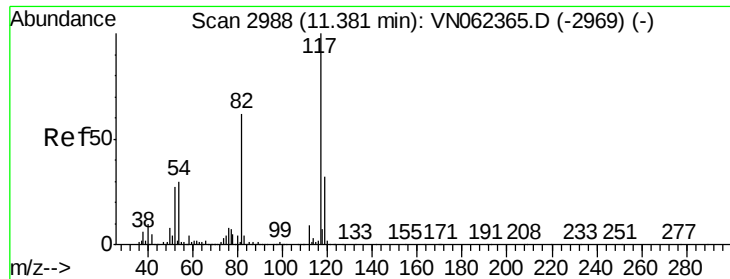
Tot Ion: 107 Resp: 668154
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 56.236 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion: 95 Resp: 936164
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 145.8
 176 70.1 0.0 140.2

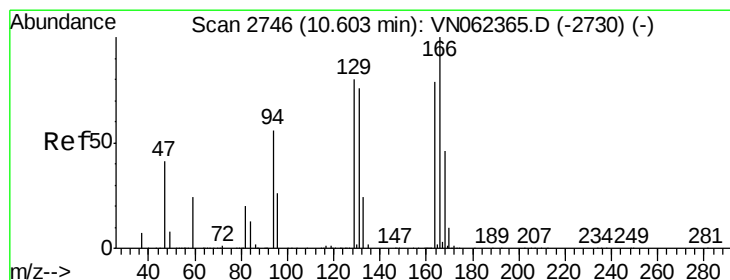
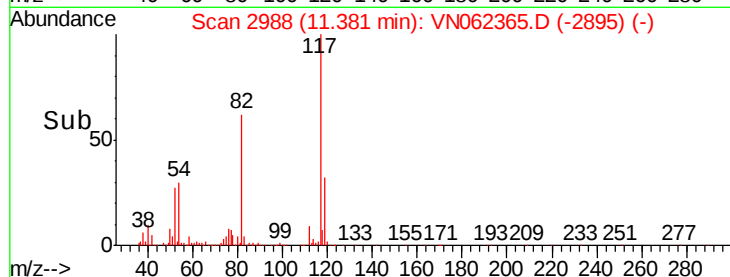
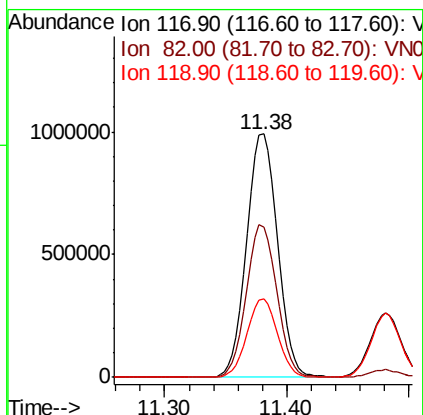
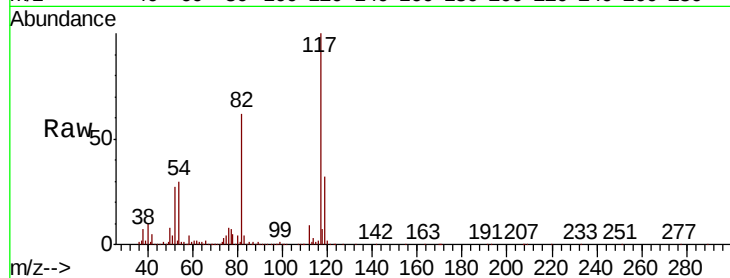




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

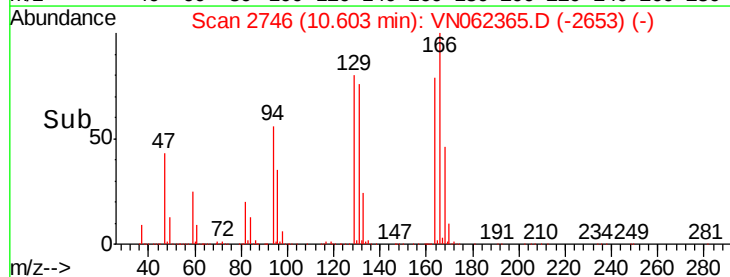
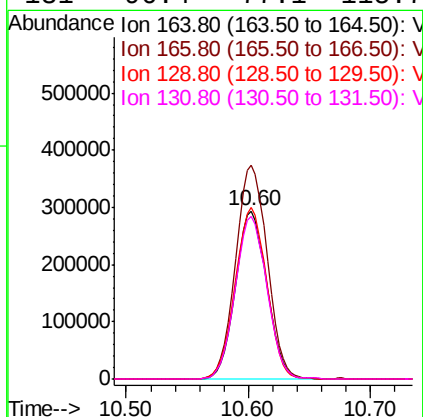
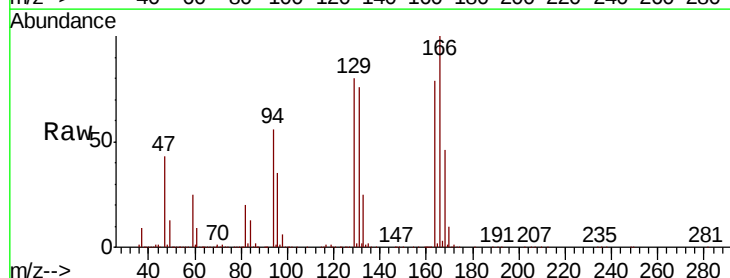
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

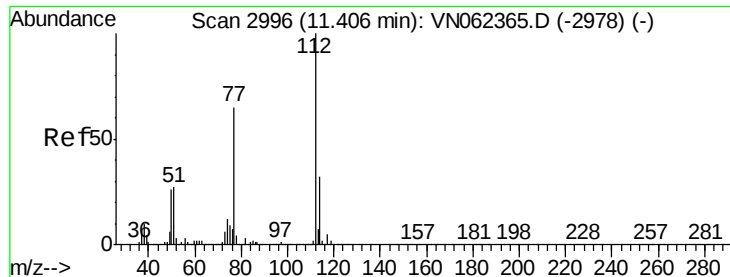
Tot Ion:117 Resp: 1733097
Ion Ratio Lower Upper
117 100
82 61.8 49.4 74.2
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 44.391 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion:164 Resp: 521799
Ion Ratio Lower Upper
164 100
166 127.0 101.6 152.4
129 101.8 81.4 122.2
131 96.4 77.1 115.7

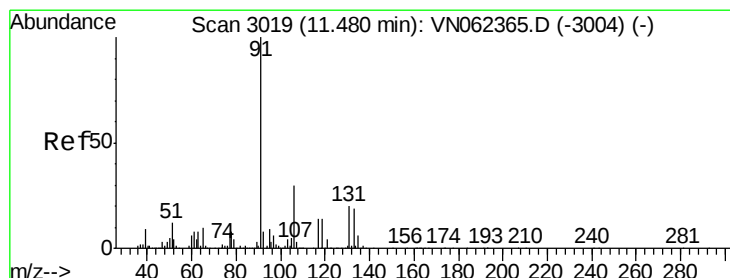
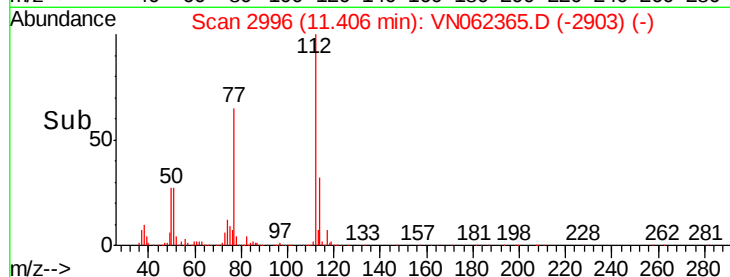
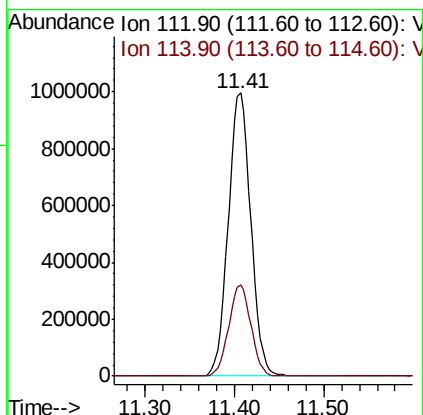
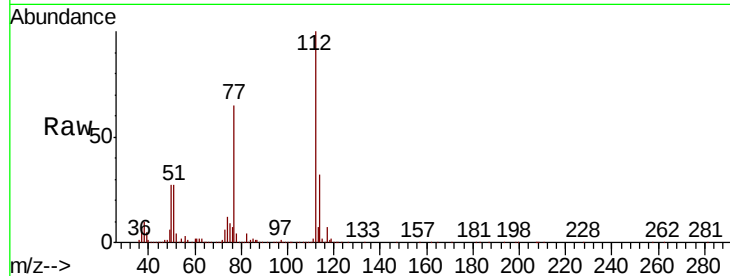




#65
Chlorobenzene
Concen: 45.903 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

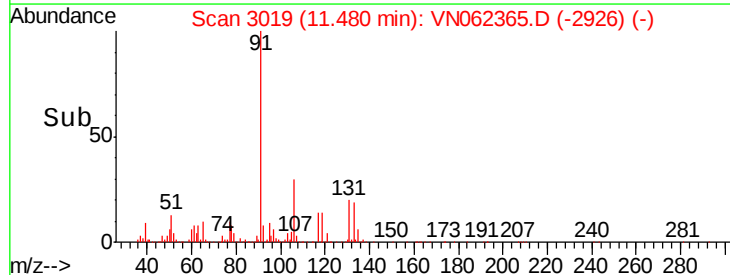
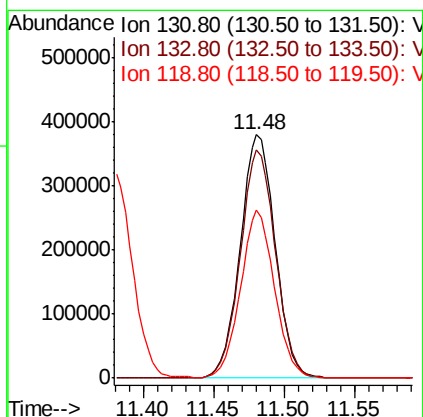
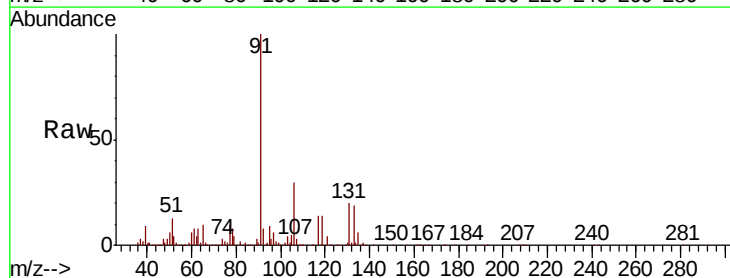
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

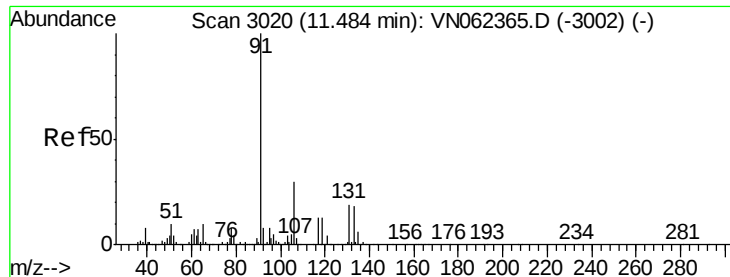
Tot Ion:112 Resp: 1740467
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.829 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion:131 Resp: 659616
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 66.6 33.3 99.9





#67

Ethyl Benzene

Concen: 50.873 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

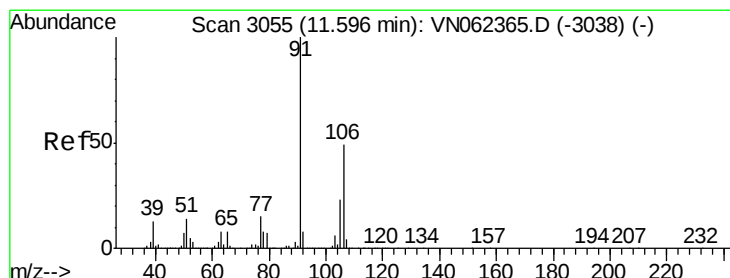
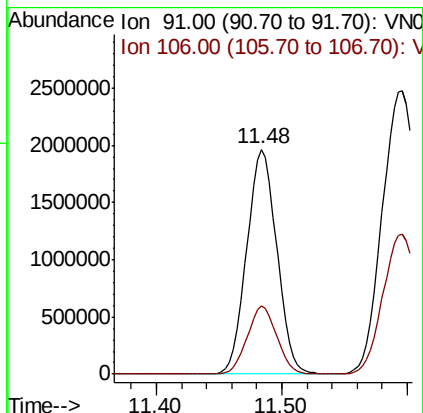
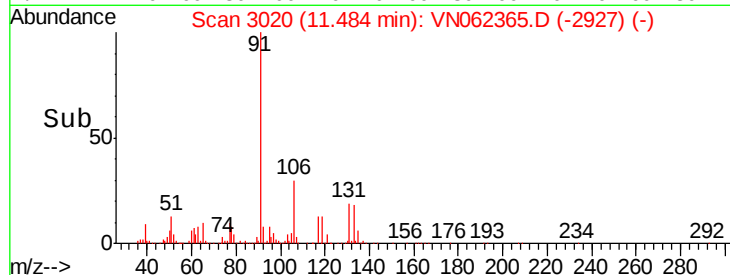
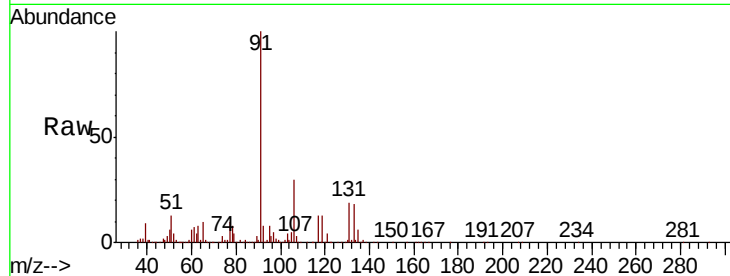
VSTDICCC050

Tot Ion: 91 Resp: 3284327

Ion Ratio Lower Upper

91 100

106 30.2 24.2 36.2



#68

m/p-Xylenes

Concen: 97.400 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN062365.D

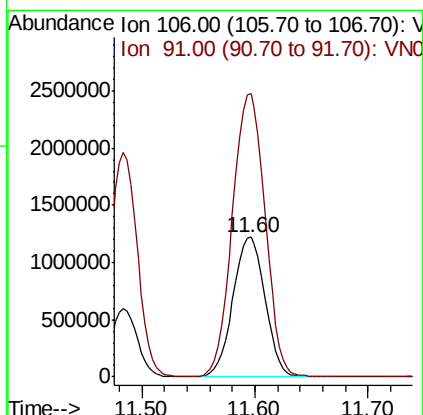
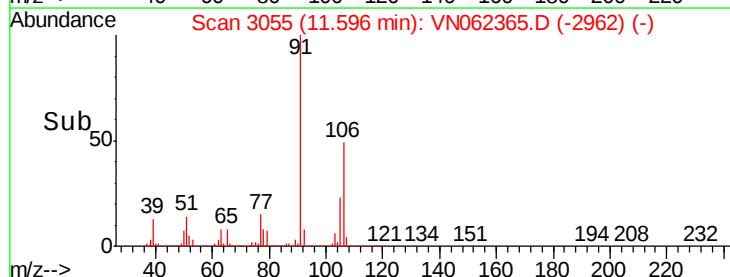
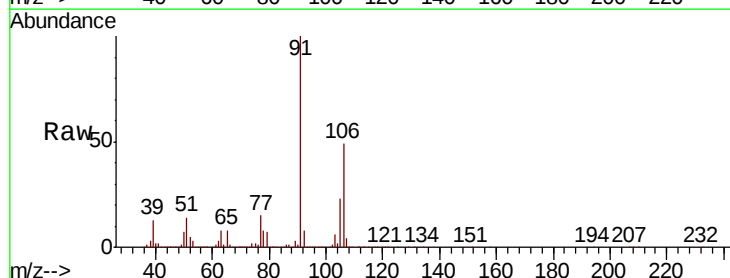
Acq: 6 Jul 2020 13:38

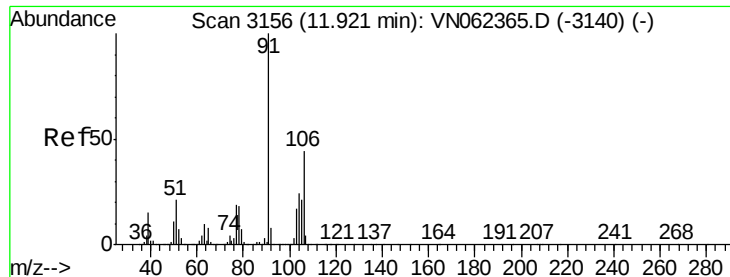
Tgt Ion: 106 Resp: 2407176

Ion Ratio Lower Upper

106 100

91 206.8 165.4 248.2

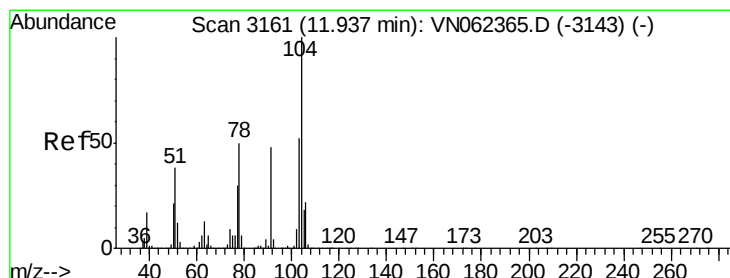
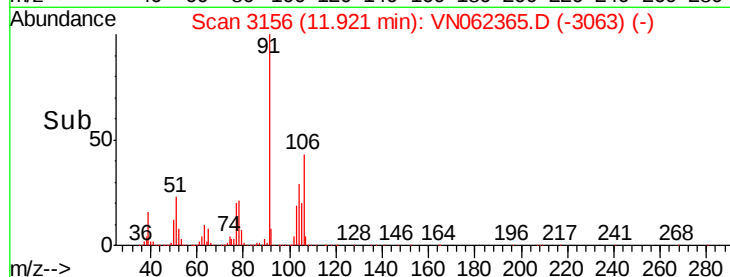
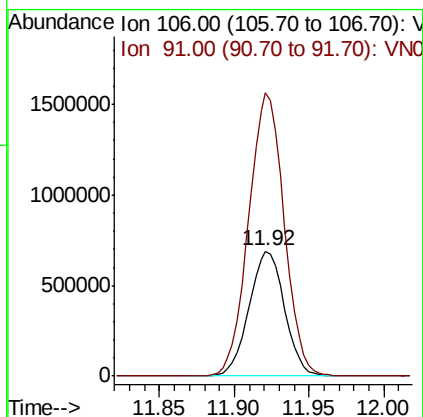
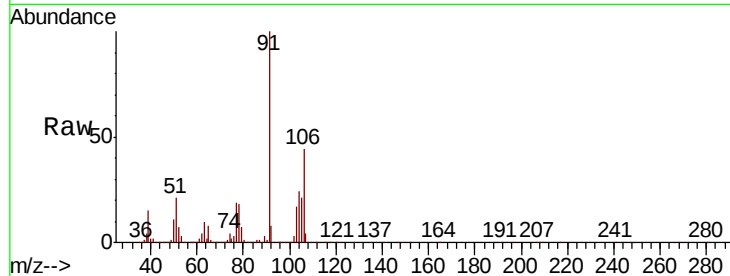




#69
o-Xylene
Concen: 48.934 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

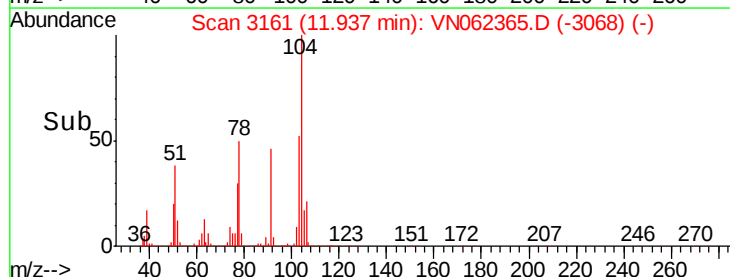
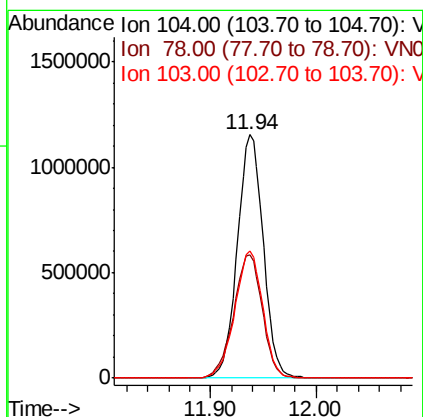
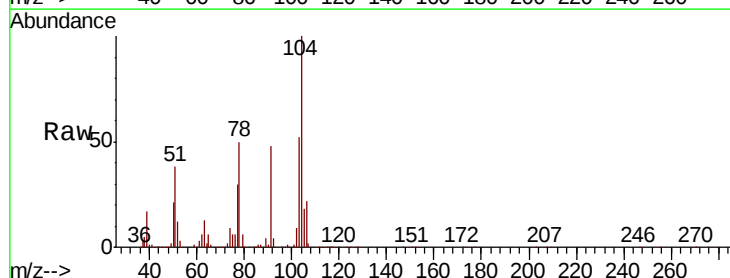
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

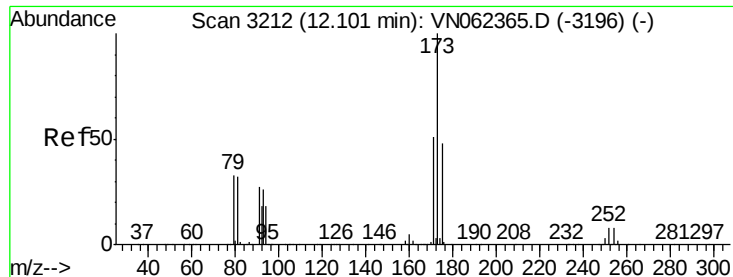
Tot Ion:106 Resp: 1140439
Ion Ratio Lower Upper
106 100
91 226.3 113.1 339.4



#70
Styrene
Concen: 50.580 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion:104 Resp: 1970045
Ion Ratio Lower Upper
104 100
78 56.0 44.8 67.2
103 56.2 45.0 67.4

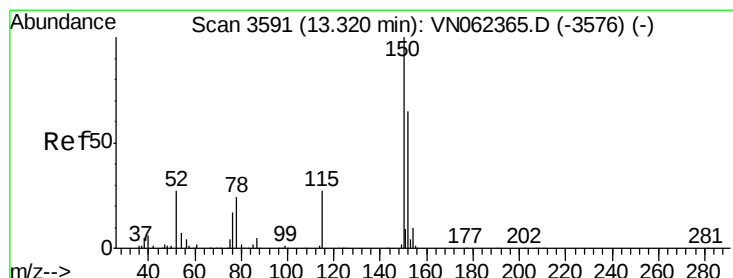
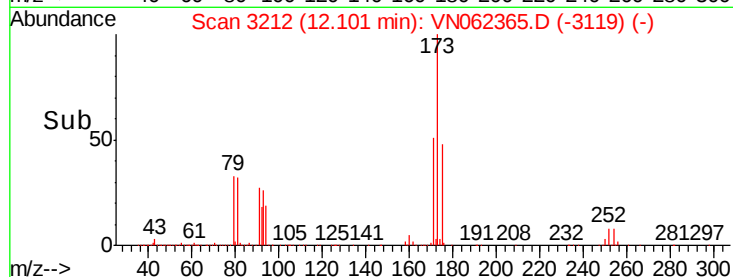
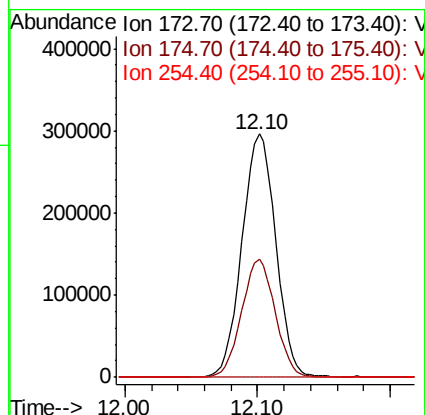
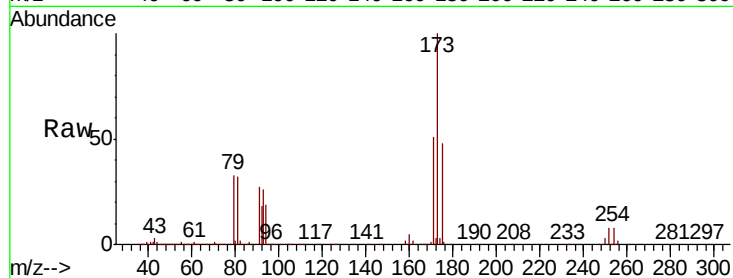




#71
Bromoform
Concen: 55.023 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

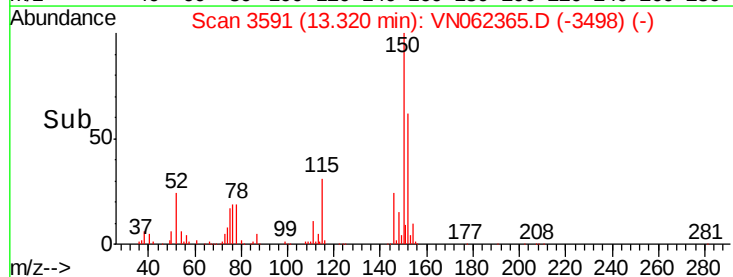
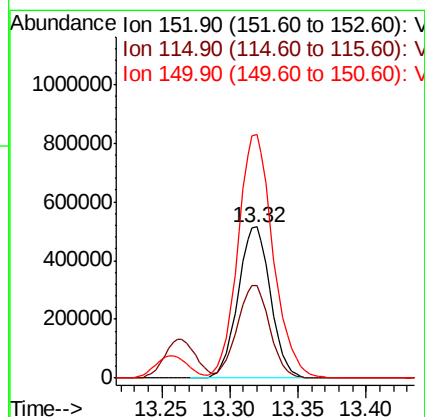
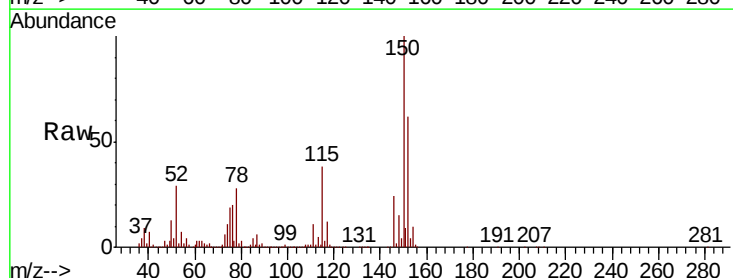
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

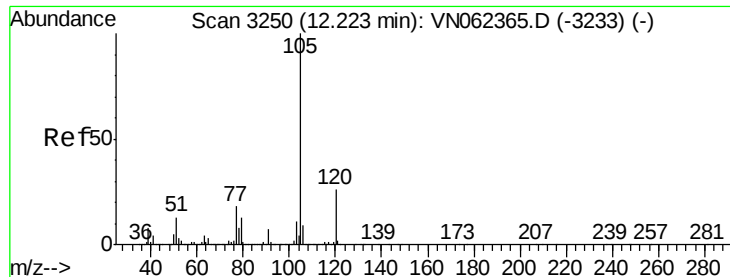
Tot Ion:173 Resp: 525474
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion:152 Resp: 852365
Ion Ratio Lower Upper
152 100
115 61.0 30.5 91.5
150 173.4 0.0 346.8





#73

Isopropylbenzene

Concen: 47.449 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

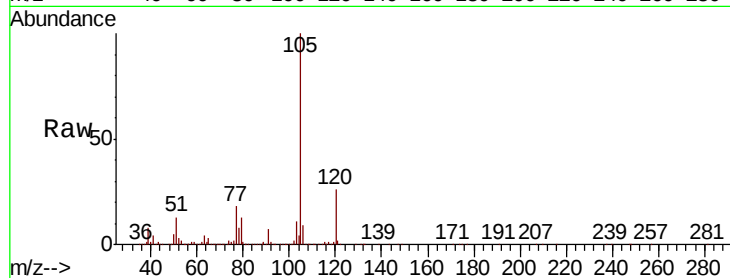
VSTDICCC050

Tot Ion:105 Resp: 3122467

Ion Ratio Lower Upper

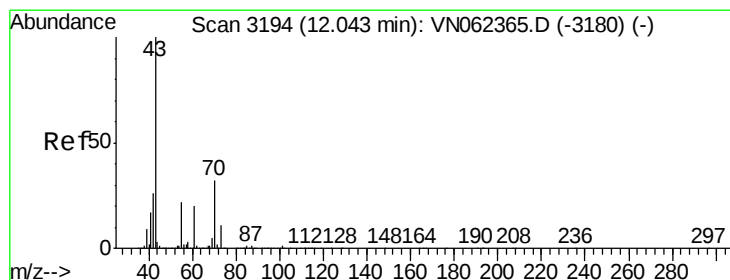
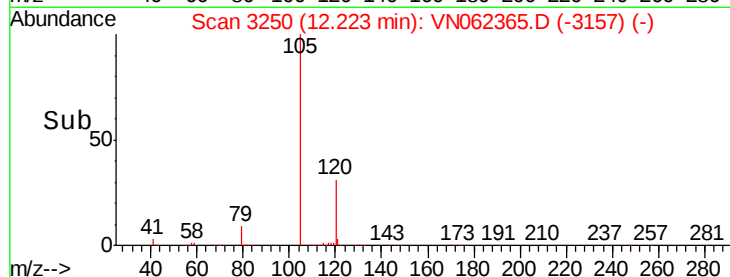
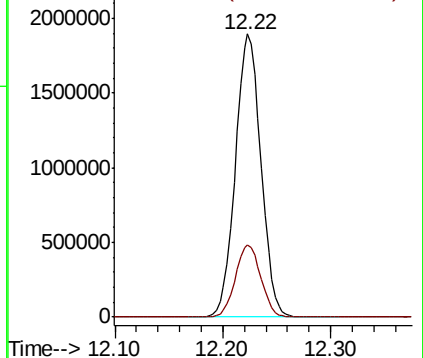
105 100

120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 75.037 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Tgt Ion: 43 Resp: 1788949

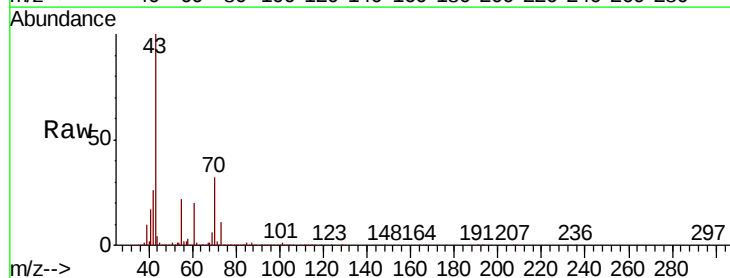
Ion Ratio Lower Upper

43 100

70 32.4 25.9 38.9

55 21.7 17.4 26.0

61 19.5 15.6 23.4

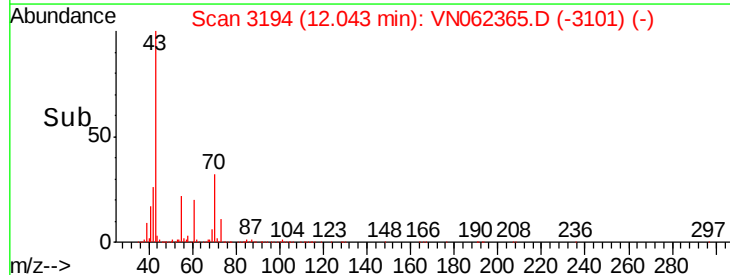
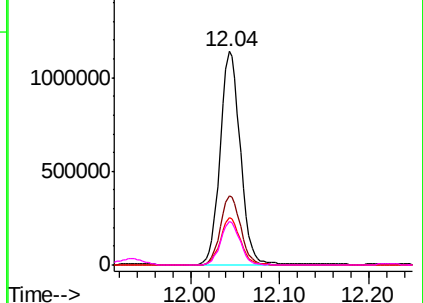


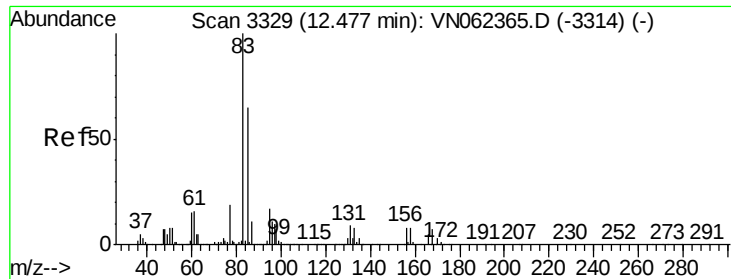
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.068 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

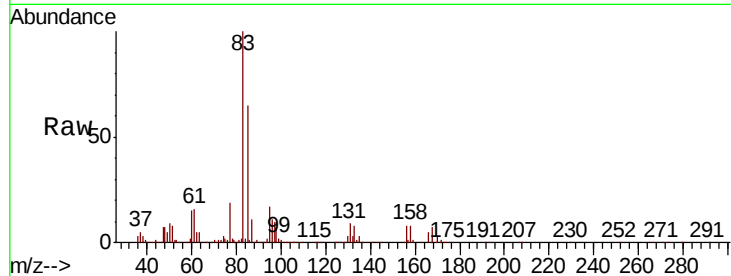
Tot Ion: 83 Resp: 1038683

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

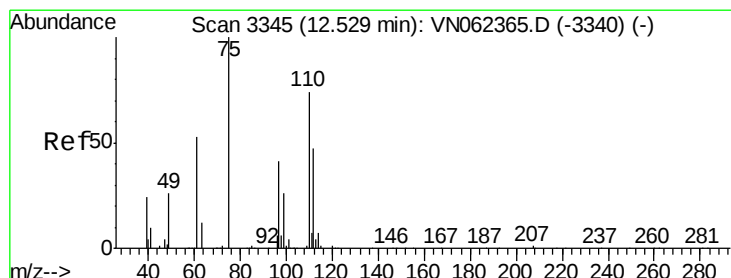
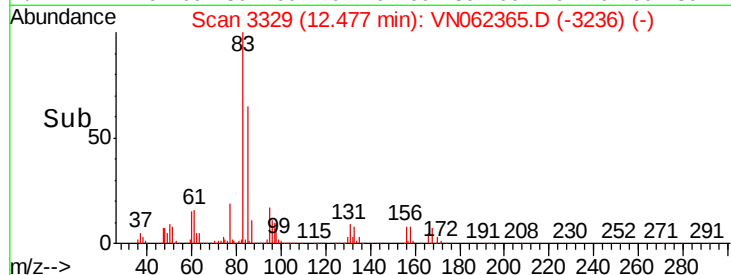
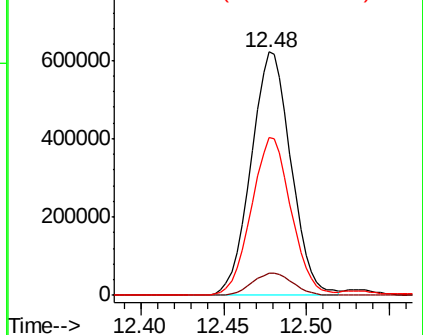
85 64.6 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN062365.D (-3329) (-)

Ion 130.80 (130.50 to 131.50): VN062365.D (-3329) (-)

Ion 84.90 (84.60 to 85.60): VN062365.D (-3329) (-)



#76

1,2,3-Trichloropropane

Concen: 70.032 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062365.D

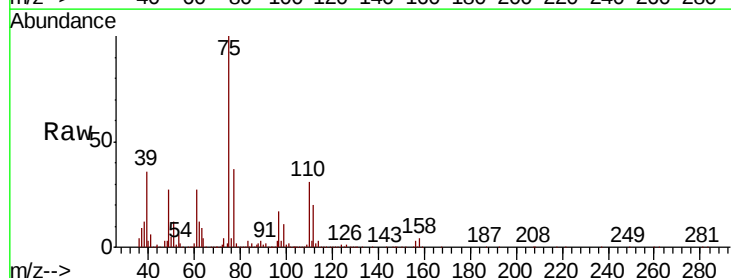
Acq: 6 Jul 2020 13:38

Tgt Ion: 75 Resp: 1407596

Ion Ratio Lower Upper

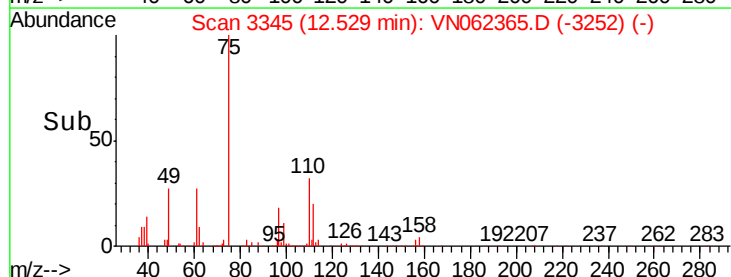
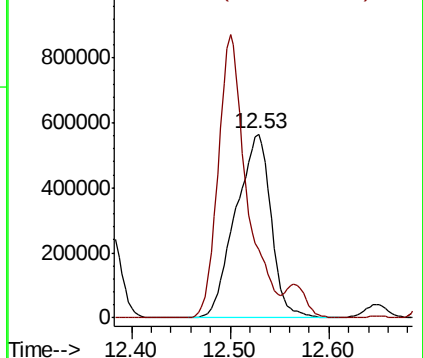
75 100

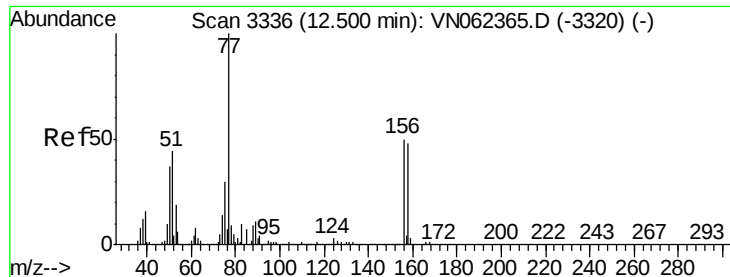
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062365.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN062365.D (-3345) (-)





#77

Bromobenzene

Concen: 44.205 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

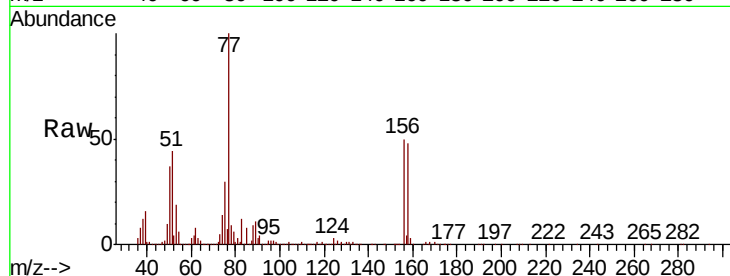
Tot Ion:156 Resp: 717856

Ion Ratio Lower Upper

156 100

77 246.5 123.3 369.8

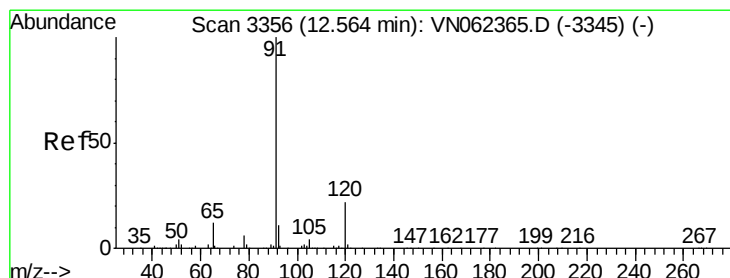
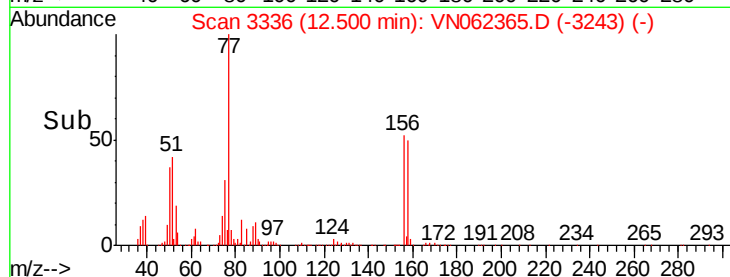
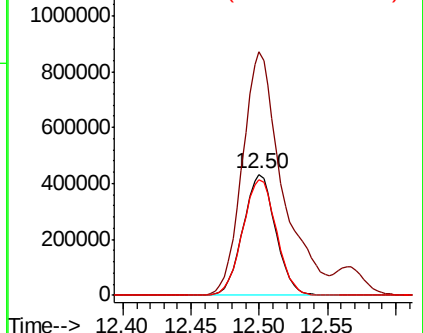
158 99.2 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.021 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN062365.D

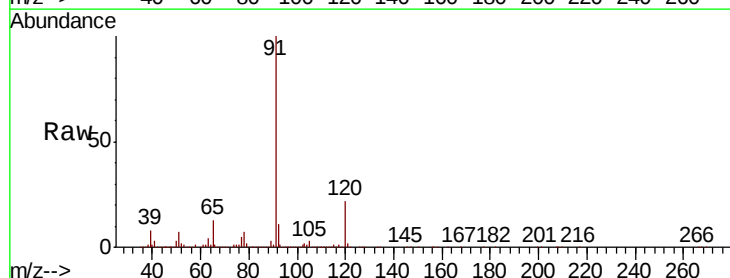
Acq: 6 Jul 2020 13:38

Tgt Ion: 91 Resp: 3701592

Ion Ratio Lower Upper

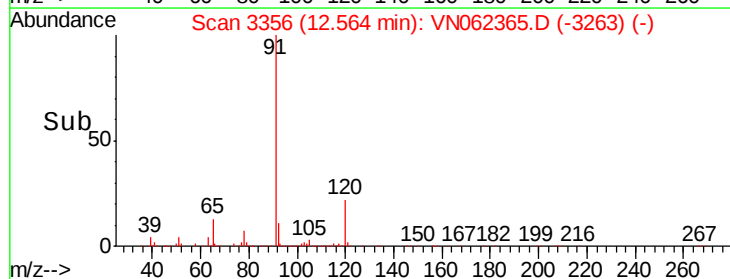
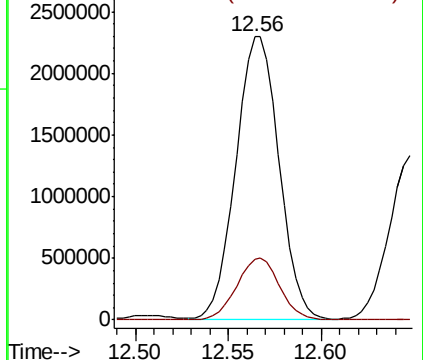
91 100

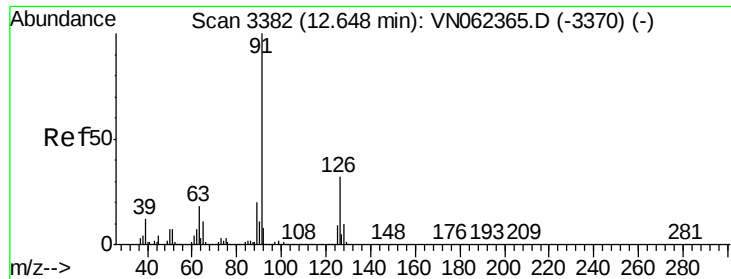
120 21.7 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.731 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

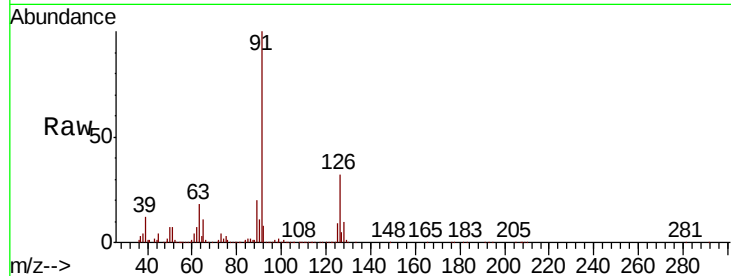
VSTDICCC050

Tot Ion: 91 Resp: 2235828

Ion Ratio Lower Upper

91 100

126 31.6 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VN062365.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062365.D (-3370) (-)

2000000

1500000

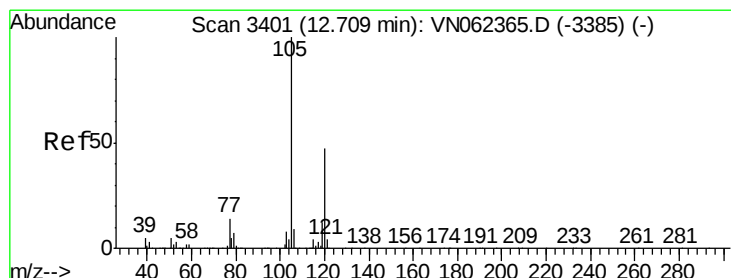
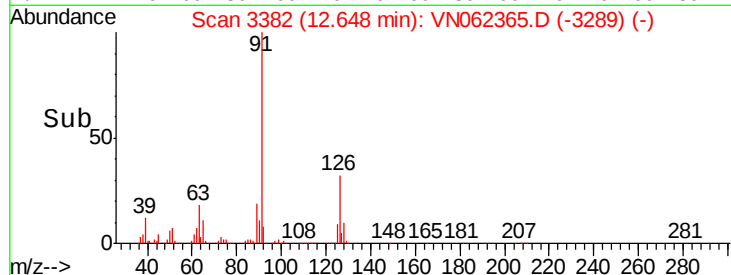
1000000

500000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.992 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062365.D

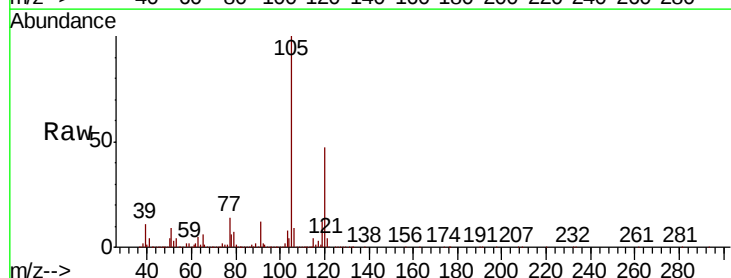
Acq: 6 Jul 2020 13:38

Tgt Ion: 105 Resp: 2681526

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062365.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062365.D (-3385) (-)

2000000

1500000

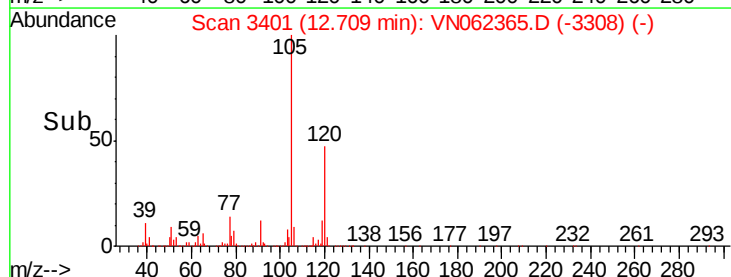
1000000

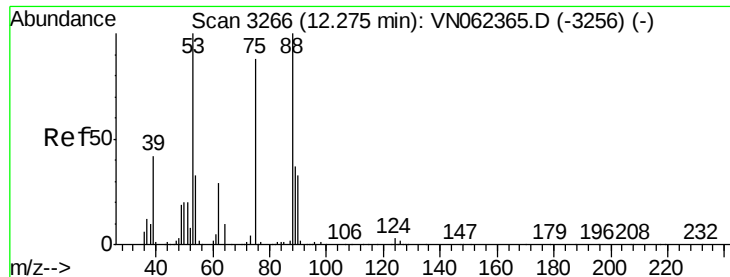
500000

0

12.60 12.70 12.80

Time-->

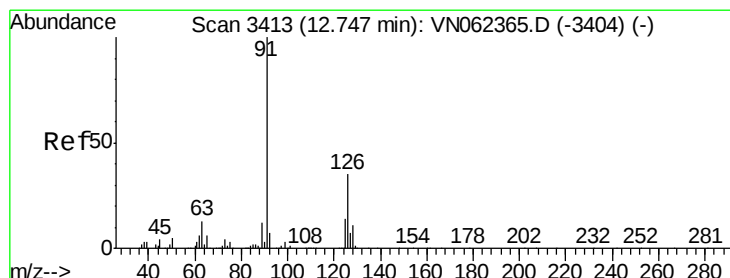
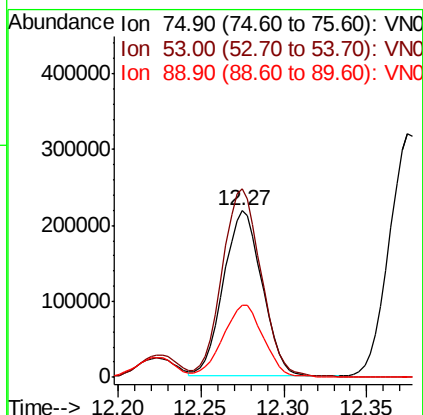
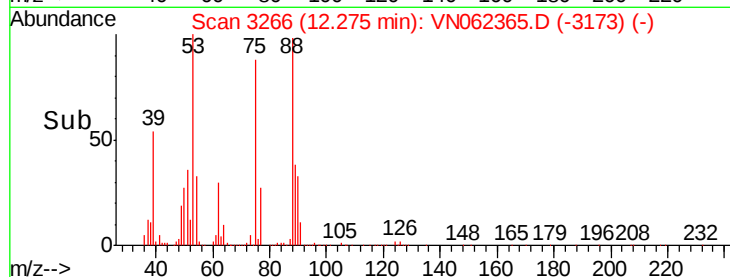
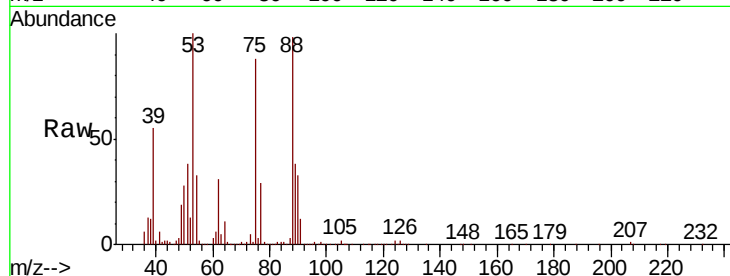




#81
trans-1,4-Dichloro-2-butene
Concen: 50.934 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

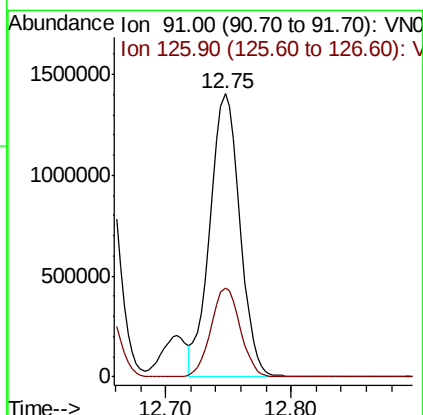
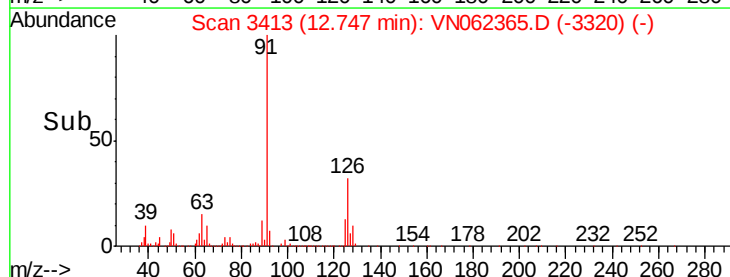
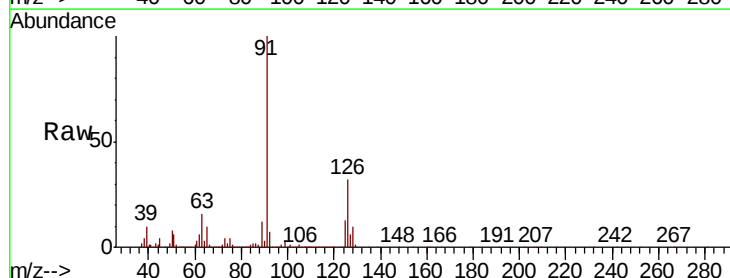
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

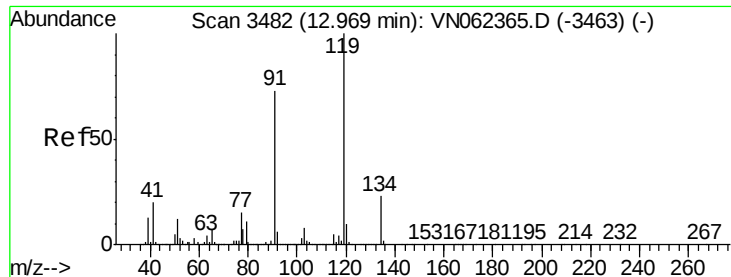
Tot Ion: 75 Resp: 353986
Ion Ratio Lower Upper
75 100
53 115.4 92.3 138.5
89 46.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.027 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 91 Resp: 2326141
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.7

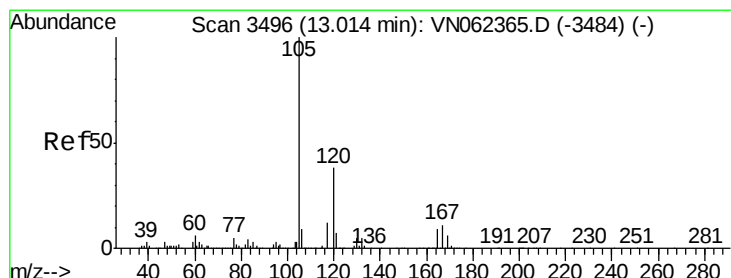
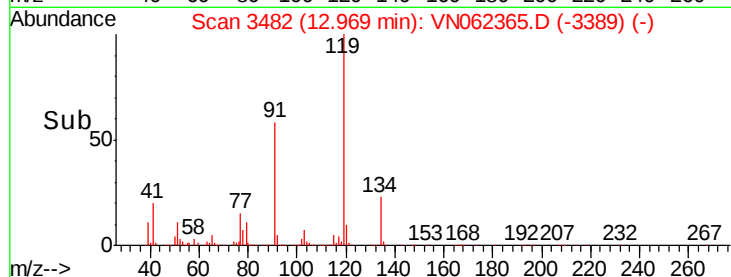
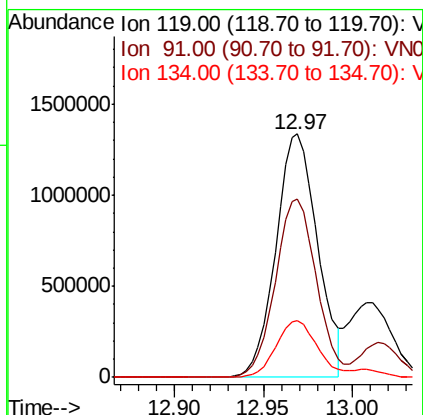
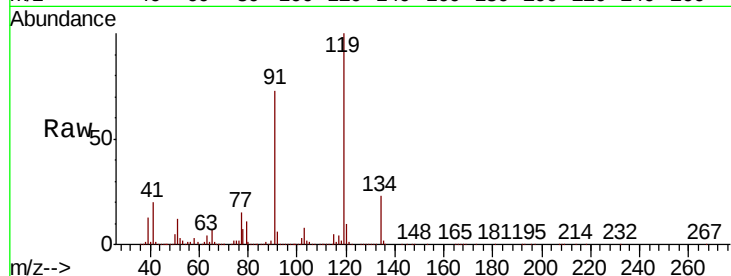




#83
tert-Butylbenzene
Concen: 47.772 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

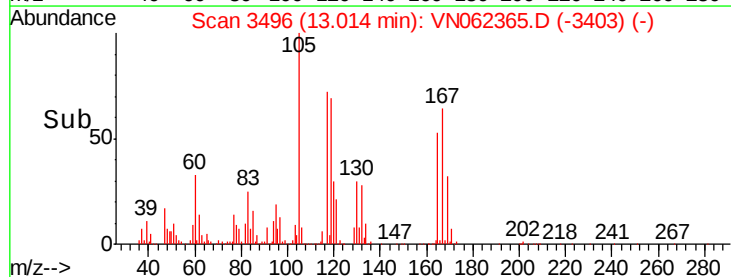
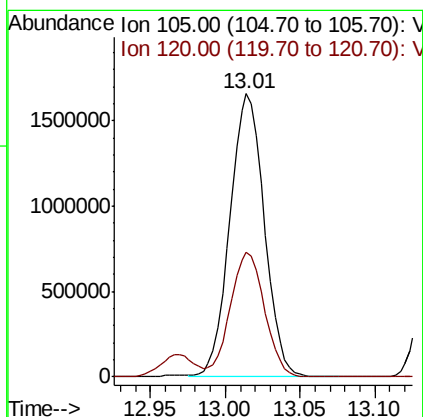
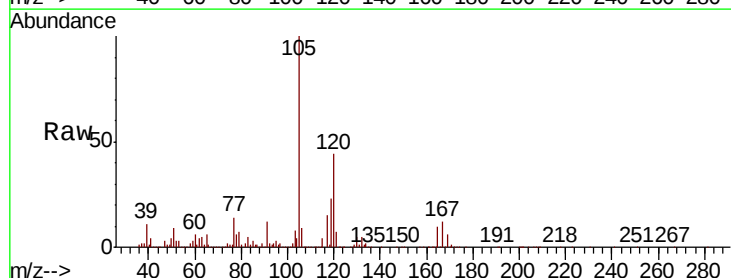
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

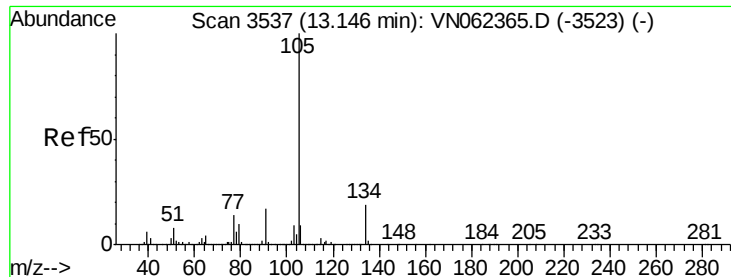
Tot Ion:119 Resp: 2180723
Ion Ratio Lower Upper
119 100
91 72.7 36.4 109.1
134 23.3 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 49.467 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion:105 Resp: 2643677
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 49.294 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

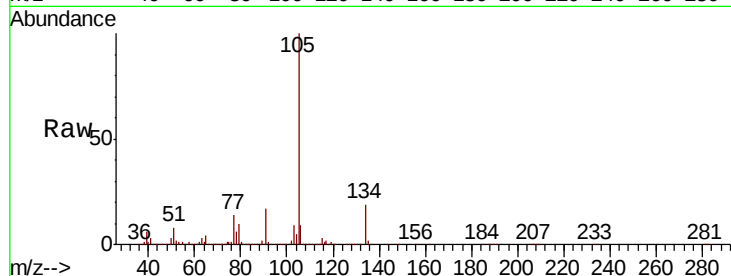
VSTDICCC050

Tot Ion:105 Resp: 2988288

Ion Ratio Lower Upper

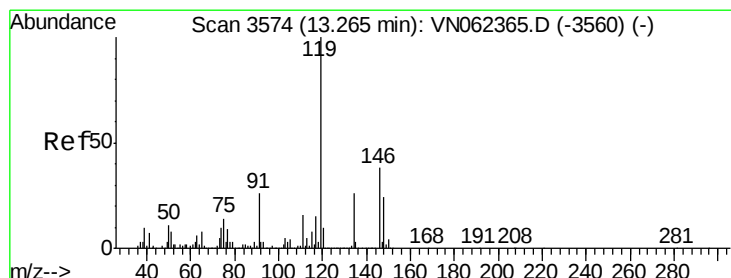
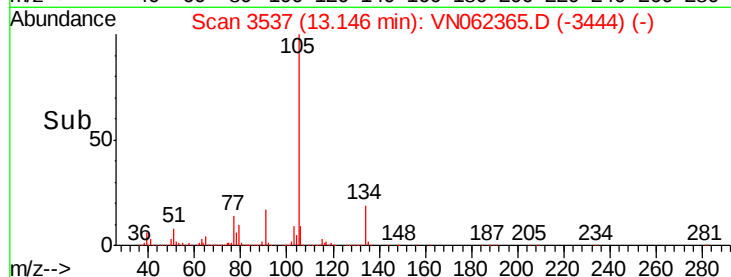
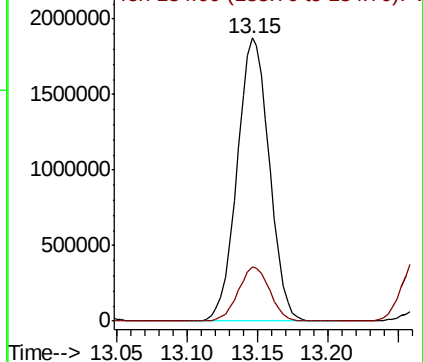
105 100

134 18.8 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.910 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

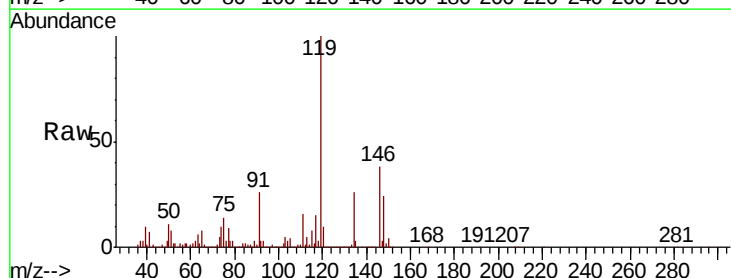
Tgt Ion:119 Resp: 2644872

Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

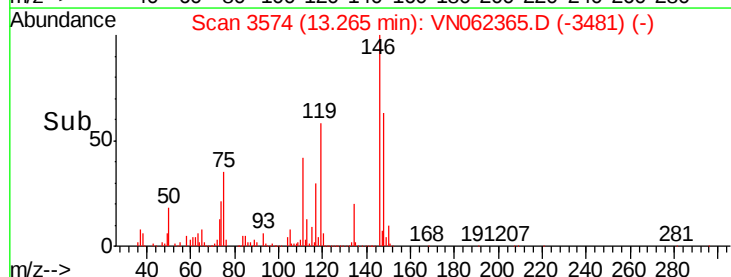
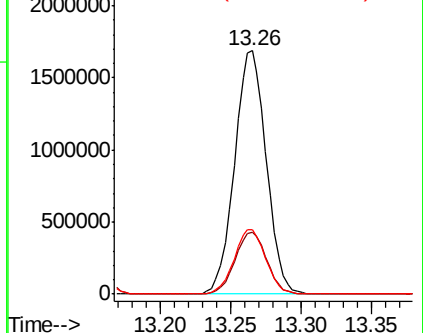
91 26.2 13.1 39.3

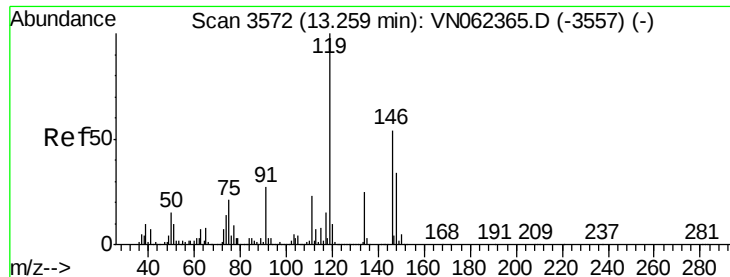


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

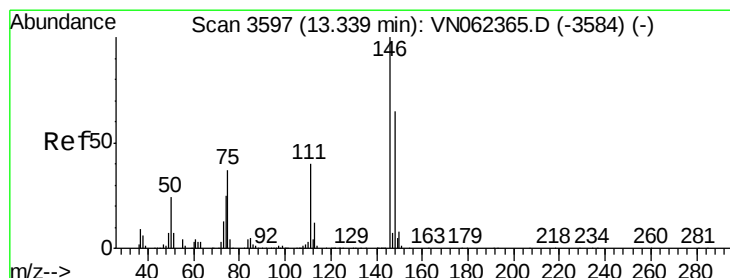
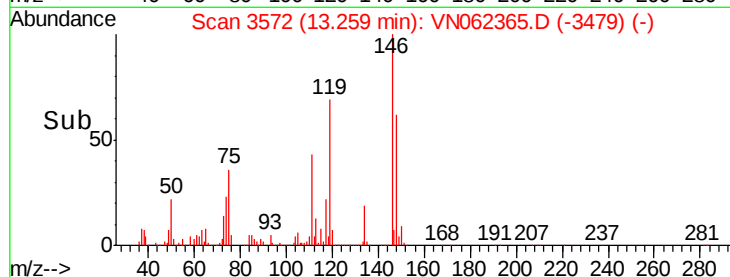
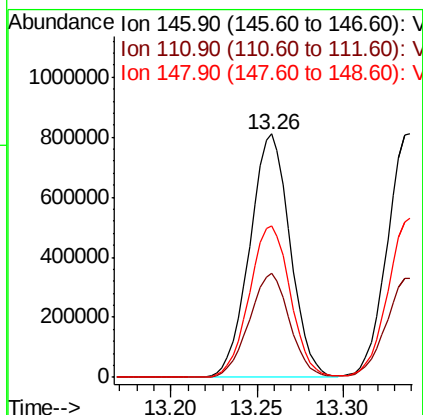
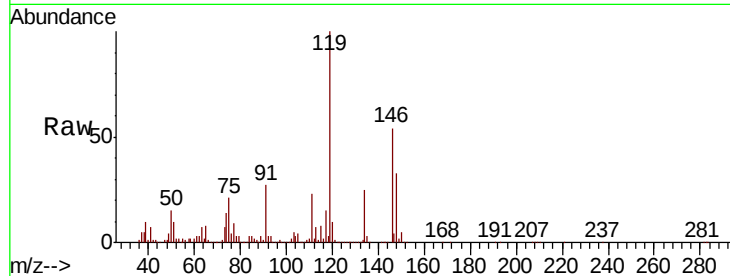




#87
 1,3-Dichlorobenzene
 Concen: 46.145 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

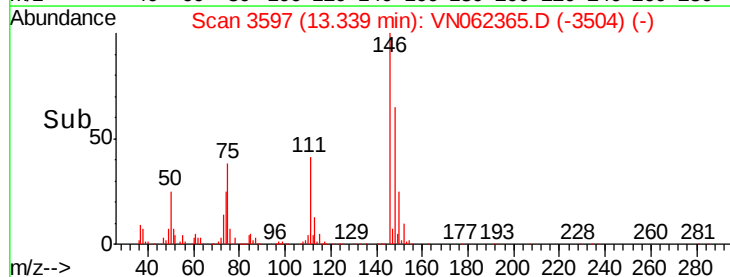
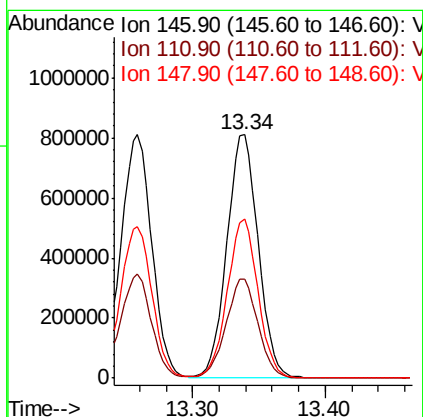
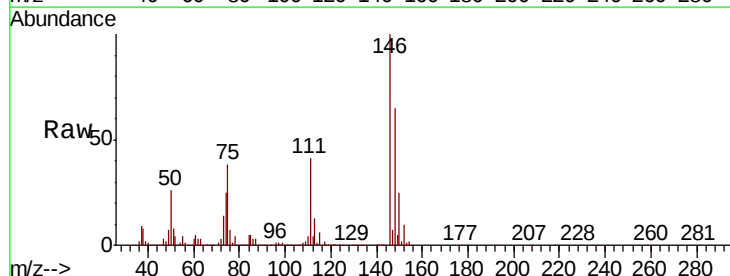
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

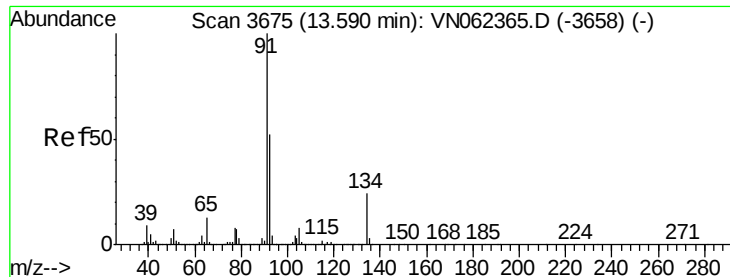
Tot Ion:146 Resp: 1319957
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.9
 148 63.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 45.035 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion:146 Resp: 1329579
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.8
 148 63.6 31.8 95.4

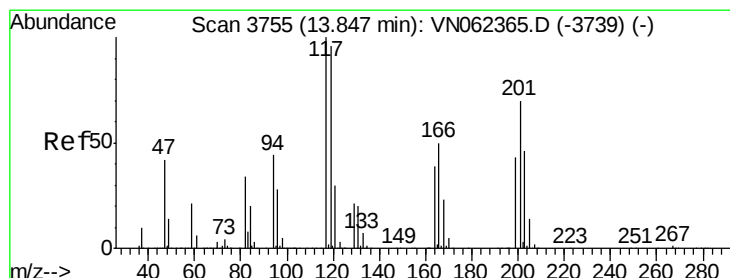
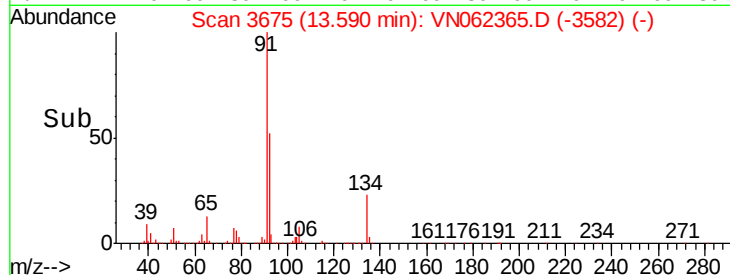
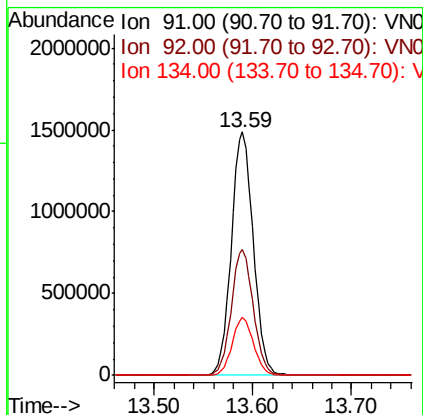
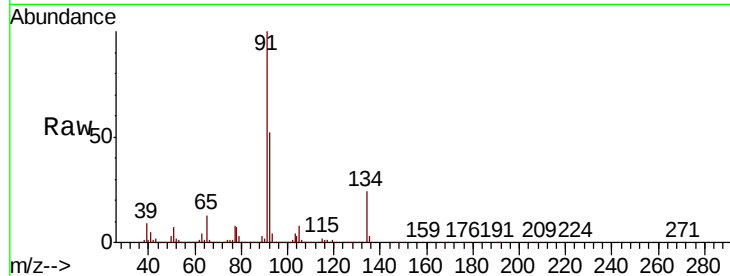




#89
n-Butylbenzene
Concen: 52.204 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

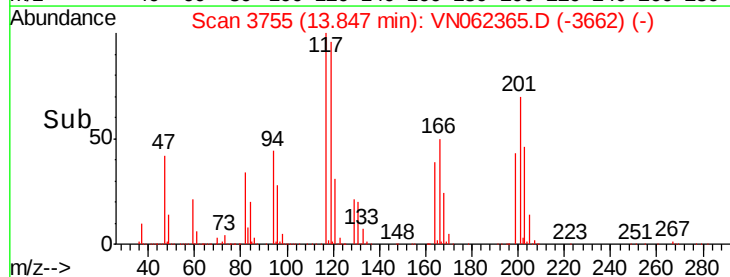
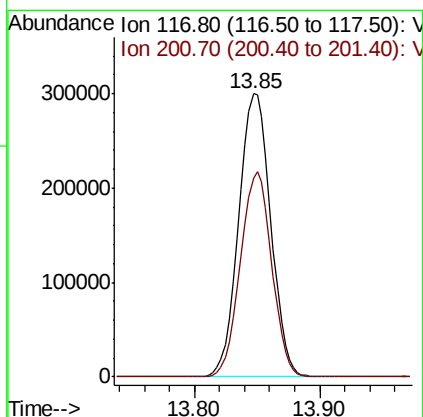
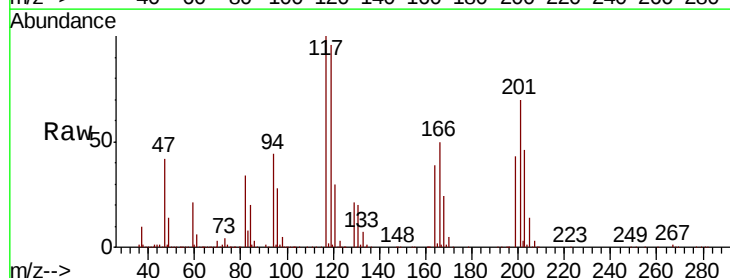
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

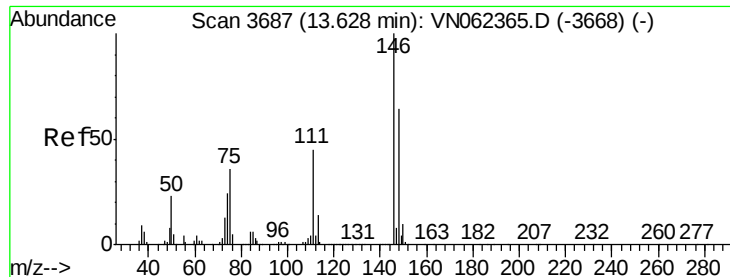
Tot Ion: 91 Resp: 2316883
Ion Ratio Lower Upper
91 100
92 51.4 25.7 77.1
134 23.4 11.7 35.1



#90
Hexachloroethane
Concen: 50.403 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 117 Resp: 531609
Ion Ratio Lower Upper
117 100
201 70.8 35.4 106.2

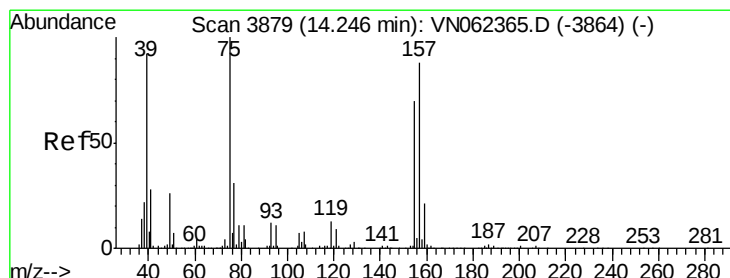
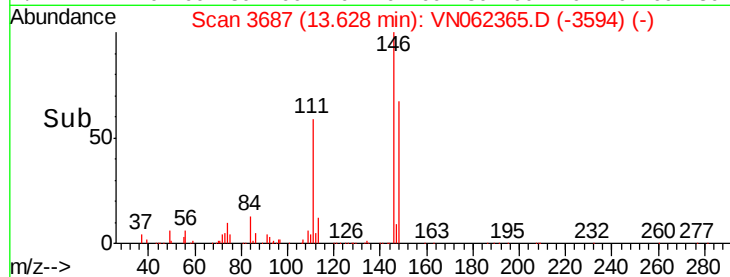
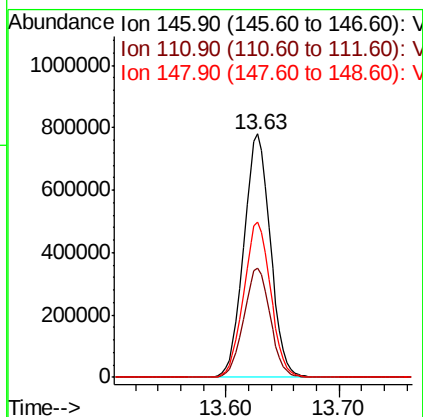
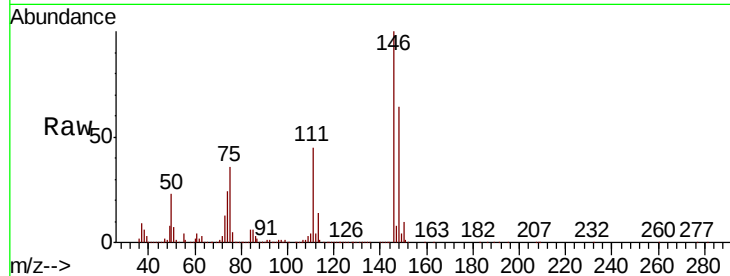




#91
 1,2-Dichlorobenzene
 Concen: 46.083 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

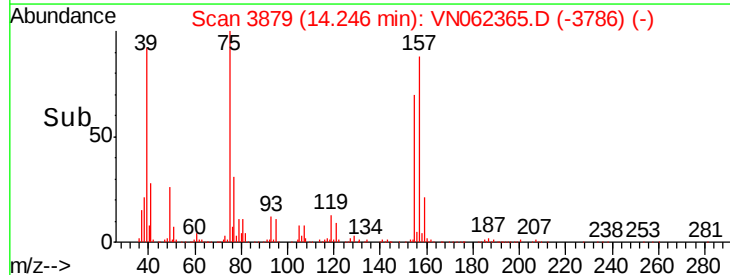
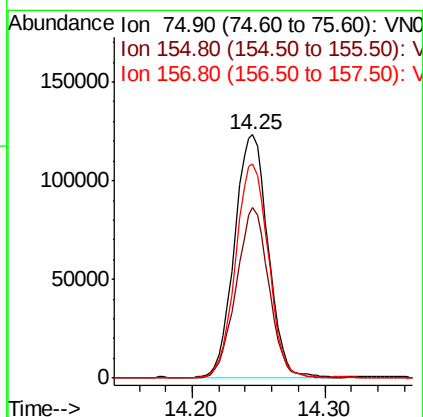
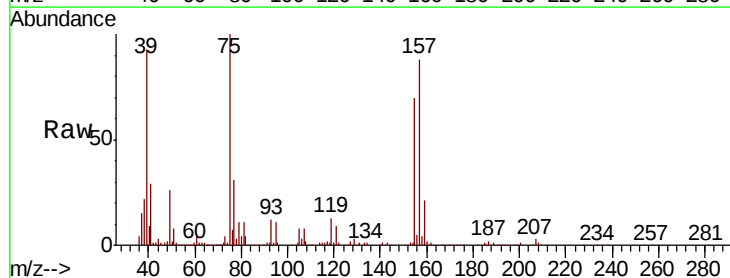
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

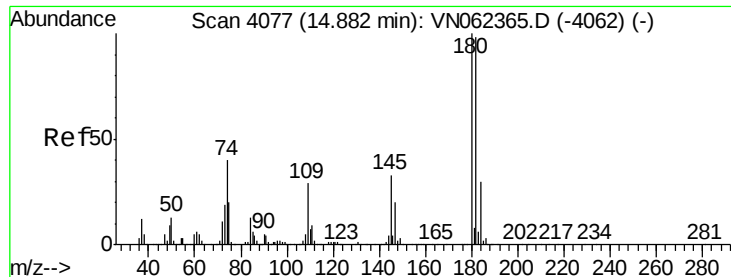
Tot Ion:146 Resp: 1278822
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.3 66.9
 148 64.7 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.240 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion: 75 Resp: 216498
 Ion Ratio Lower Upper
 75 100
 155 68.1 34.1 102.2
 157 86.5 43.3 129.8

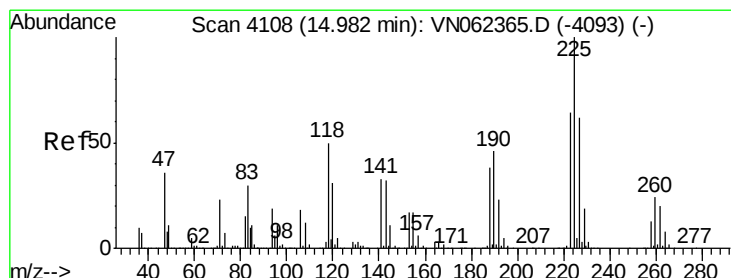
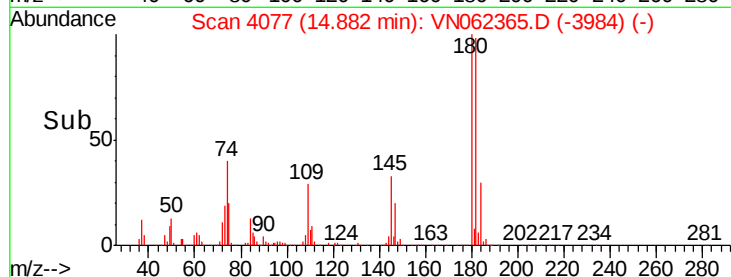
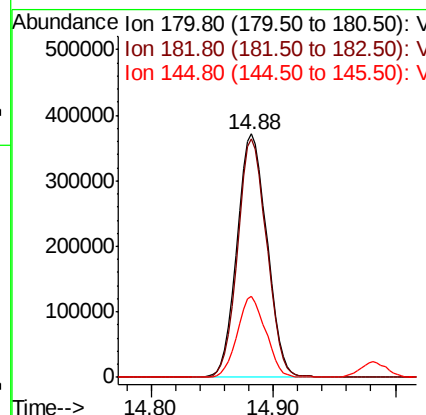
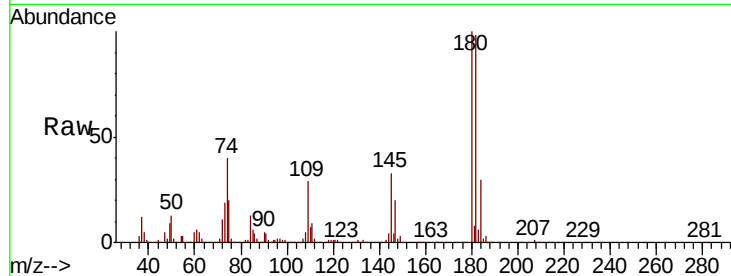




#93
 1,2,4-Trichlorobenzene
 Concen: 51.584 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

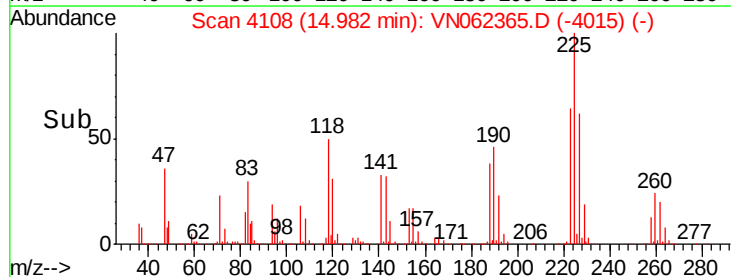
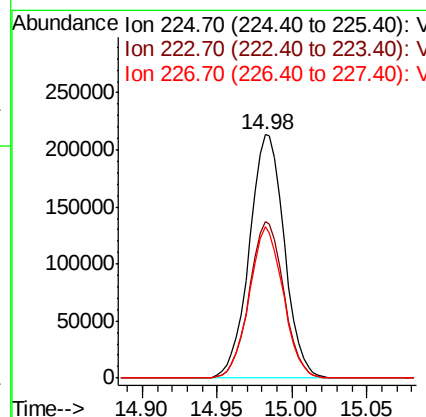
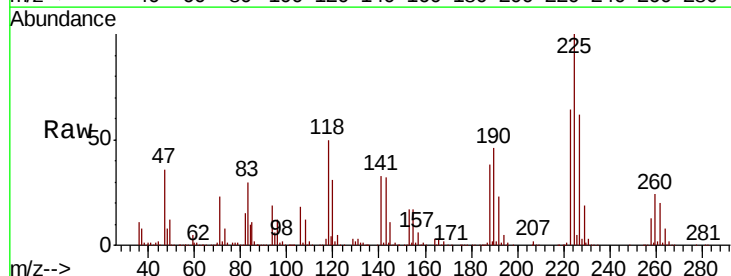
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

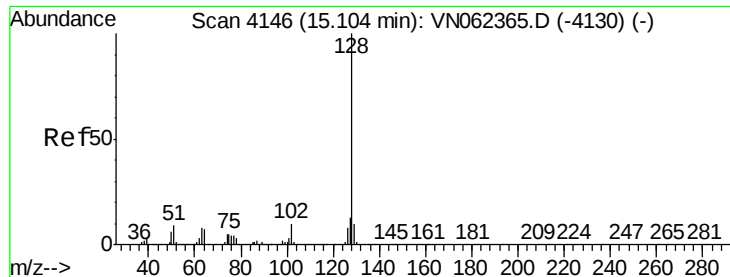
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	31.8	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 61.513 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.7	95.1
227	60.5	30.3	90.8

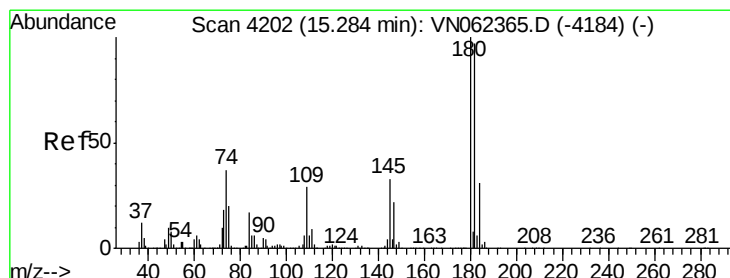
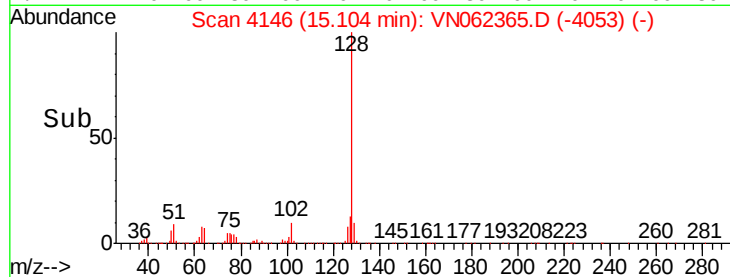
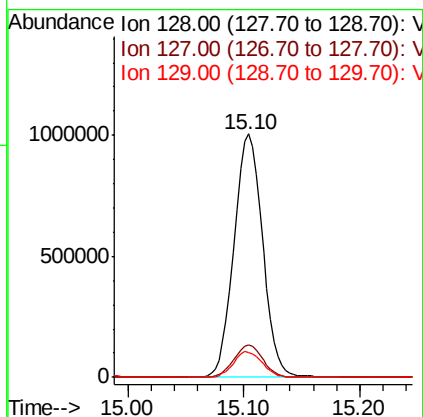
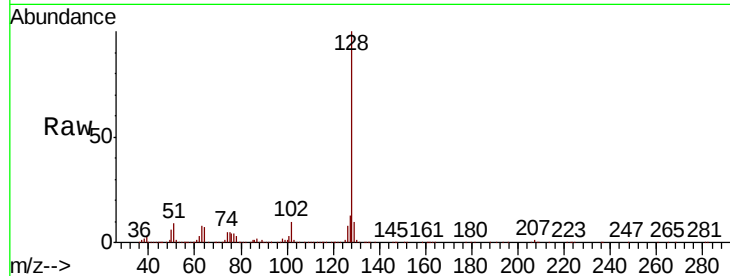




#95
Naphthalene
Concen: 48.800 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion:128 Resp: 1716149
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.031 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion:180 Resp: 637884
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.7
145 32.8 16.4 49.2

