

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063836.D
 Acq On : 2 Oct 2020 21:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 05 04:19:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	247775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	421182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	212052	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	7.55	113	146106	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.06	98	542815	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.38	95	203675	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	125592	48.038	ug/l	100
3) Chloromethane	2.04	50	146358	47.710	ug/l	99
4) Vinyl Chloride	2.16	62	145895	47.379	ug/l	98
5) Bromomethane	2.52	94	93091	48.062	ug/l	98
6) Chloroethane	2.67	64	99597	54.127	ug/l	98
7) Trichlorofluoromethane	2.98	101	245305	50.229	ug/l	95
8) Diethyl Ether	3.37	74	83016	50.262	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	127014	48.659	ug/l	99
10) Methyl Iodide	3.91	142	166772	55.025	ug/l	99
11) Tert butyl alcohol	4.73	59	147867	327.193	ug/l	98
12) 1,1-Dichloroethene	3.70	96	121284	48.610	ug/l	99
13) Acrolein	3.57	56	70830	255.365	ug/l	97
14) Allyl chloride	4.27	41	243529	52.538	ug/l	97
15) Acrylonitrile	4.93	53	374988	289.877	ug/l	99
16) Acetone	3.77	43	355712	282.292	ug/l	100
17) Carbon Disulfide	4.01	76	327058	48.520	ug/l	100
18) Methyl Acetate	4.28	43	205863	62.923	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	485239	53.530	ug/l	97
20) Methylene Chloride	4.50	84	154159	53.406	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	138828	49.676	ug/l	97
22) Diisopropyl ether	5.90	45	526391	55.195	ug/l	99
23) Vinyl Acetate	5.84	43	2185073	276.593	ug/l	100
24) 1,1-Dichloroethane	5.79	63	283263	51.947	ug/l	98
25) 2-Butanone	6.78	43	552861	309.468	ug/l	98
26) 2,2-Dichloropropane	6.78	77	213751	42.805	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	163711	50.934	ug/l	99
28) Bromochloromethane	7.15	49	142747	52.965	ug/l	98
29) Tetrahydrofuran	7.16	42	372596	310.966	ug/l	98
30) Chloroform	7.33	83	301995	53.115	ug/l	93
31) Cyclohexane	7.61	56	221846	46.682	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	275442	53.710	ug/l	99
36) 1,1-Dichloropropene	7.75	75	207488	48.626	ug/l	99
37) Ethyl Acetate	6.88	43	228506	53.902	ug/l	99
38) Carbon Tetrachloride	7.73	117	237520	49.641	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	191636	45.036	ug/l	98
40) Benzene	8.00	78	609402	50.002	ug/l	97
41) Methacrylonitrile	7.12	41	96285	51.103	ug/l #	90
42) 1,2-Dichloroethane	8.09	62	269664	51.834	ug/l	100
43) Isopropyl Acetate	8.13	43	388324	55.534	ug/l #	92
44) Trichloroethene	8.80	130	153308	48.009	ug/l	98
45) 1,2-Dichloropropane	9.08	63	169008	51.347	ug/l	98
46) Dibromomethane	9.17	93	117098	51.571	ug/l	99
47) Bromodichloromethane	9.37	83	247572	52.904	ug/l	100
48) Methyl methacrylate	9.16	41	199425	57.725	ug/l	95
49) 1,4-Dioxane	9.16	88	62482	1272.552	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1238039	301.700	ug/l	99
52) Toluene	10.13	92	390497	51.801	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	259794	51.790	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	267294	50.951	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	158057	52.282	ug/l	98
56) Ethyl methacrylate	10.40	69	239799	55.960	ug/l	98
57) 1,3-Dichloropropane	10.68	76	271218	53.027	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	639025	278.781	ug/l	99
59) 2-Hexanone	10.72	43	923105	302.819	ug/l	99
60) Dibromochloromethane	10.87	129	183089	52.003	ug/l	100
61) 1,2-Dibromoethane	10.98	107	166579	53.866	ug/l	99
64) Tetrachloroethene	10.60	164	137769	44.573	ug/l	99
65) Chlorobenzene	11.41	112	411977	50.271	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	161384	51.367	ug/l	99
67) Ethyl Benzene	11.48	91	759613	50.939	ug/l	100
68) m/p-Xylenes	11.60	106	562422	101.196	ug/l	99
69) o-Xylene	11.92	106	271483	52.262	ug/l	99
70) Styrene	11.94	104	475289	53.901	ug/l	99
71) Bromoform	12.10	173	124726	51.907	ug/l #	95
73) Isopropylbenzene	12.23	105	717297	49.617	ug/l	100
74) N-amyl acetate	12.05	43	347253	51.606	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	239898	54.267	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	325706	74.548	ug/l #	100
77) Bromobenzene	12.50	156	180152	50.786	ug/l	99
78) n-propylbenzene	12.57	91	827822	49.203	ug/l	100
79) 2-Chlorotoluene	12.65	91	513072	49.585	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	611735	50.439	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	79190	52.203	ug/l	99
82) 4-Chlorotoluene	12.75	91	535504	49.853	ug/l	100
83) tert-Butylbenzene	12.97	119	487821	49.172	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	611730	50.519	ug/l	98
85) sec-Butylbenzene	13.15	105	634458	48.691	ug/l	100
86) p-Isopropyltoluene	13.26	119	577944	50.137	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	315060	49.094	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	315514	47.219	ug/l	99
89) n-Butylbenzene	13.59	91	486615	45.738	ug/l	99
90) Hexachloroethane	13.85	117	108691	48.659	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	319820	50.315	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	56661	54.654	ug/l	98

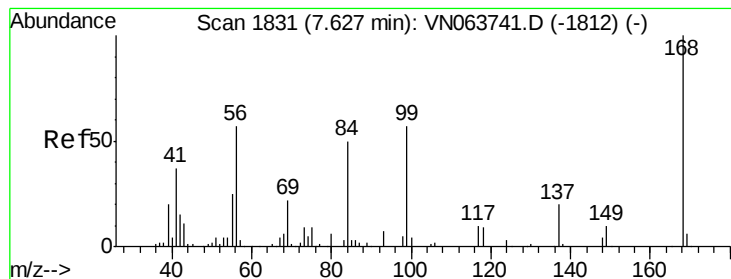
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	150202	43.684	ug/l	99
94) Hexachlorobutadiene	14.98	225	80874	46.930	ug/l	98
95) Naphthalene	15.10	128	485798	45.601	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	147683	44.241	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

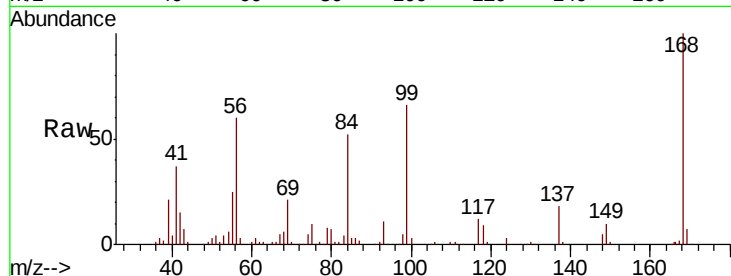
VSTDCCC050EC

Tot Ion:168 Resp: 247775

Ion Ratio Lower Upper

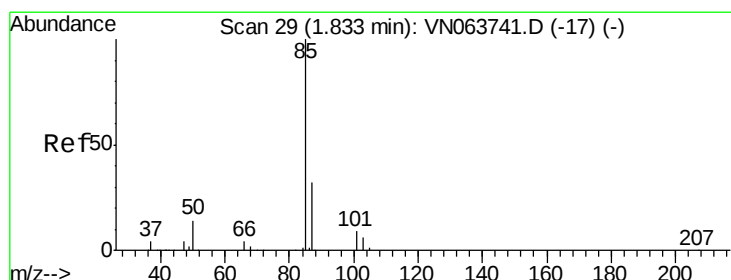
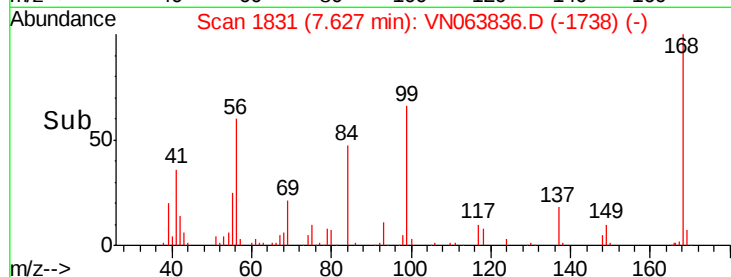
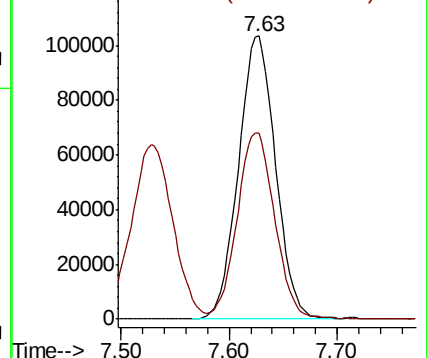
168 100

99 65.3 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.038 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063836.D

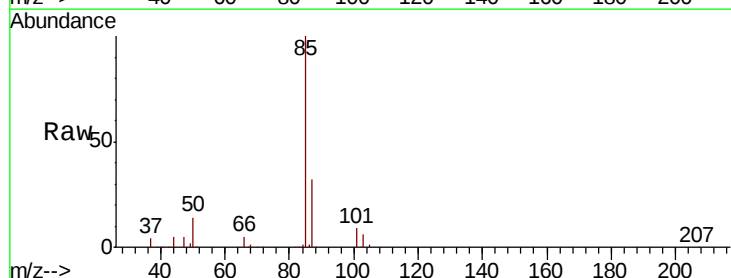
Acq: 2 Oct 2020 21:08

Tgt Ion: 85 Resp: 125592

Ion Ratio Lower Upper

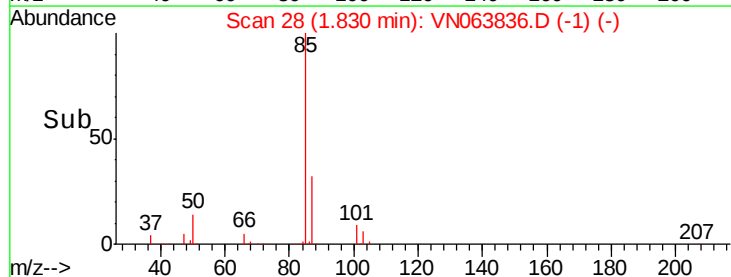
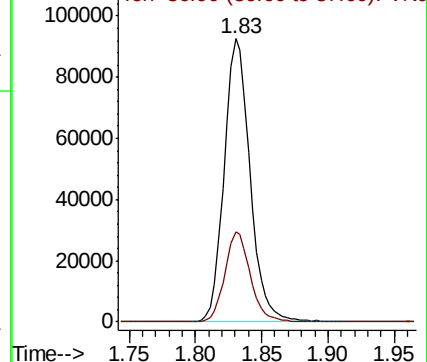
85 100

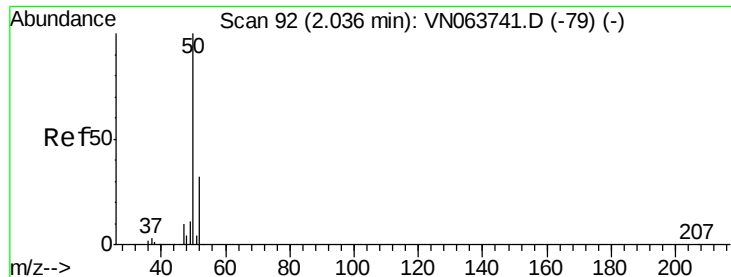
87 31.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.710 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

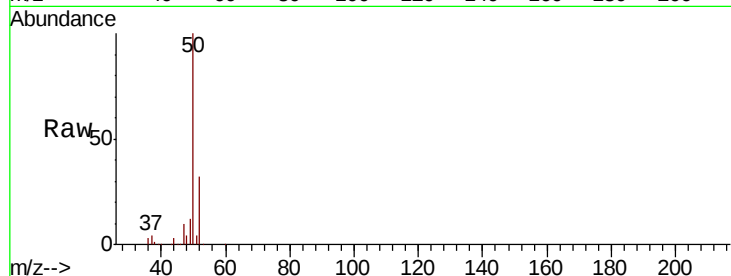
VSTDCCC050EC

Tot Ion: 50 Resp: 146358

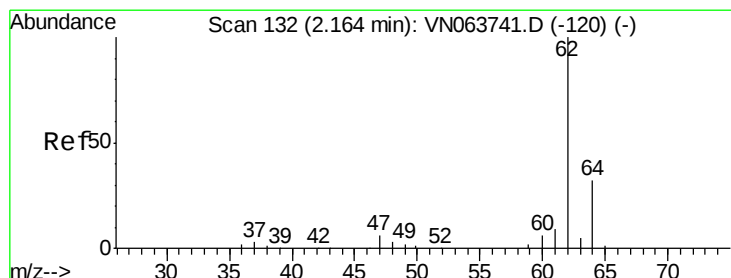
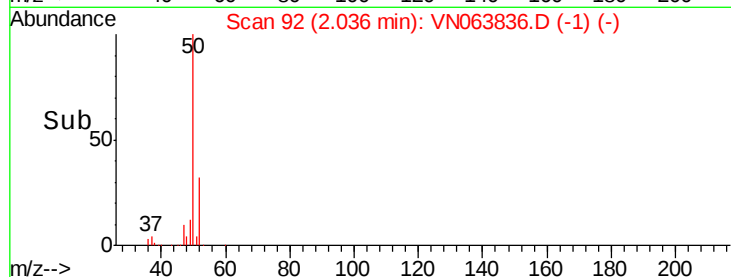
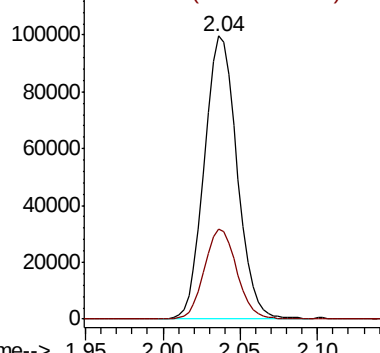
Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 47.379 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063836.D

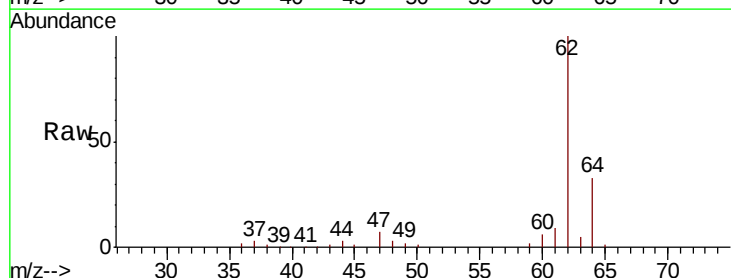
Acq: 2 Oct 2020 21:08

Tgt Ion: 62 Resp: 145895

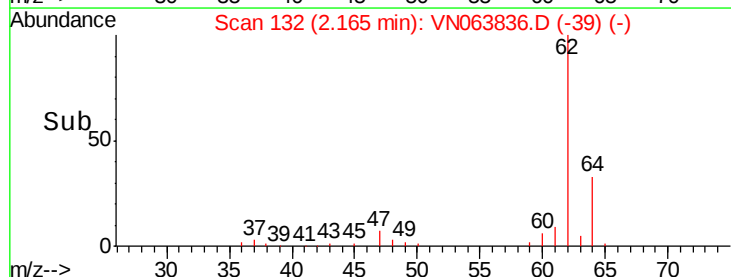
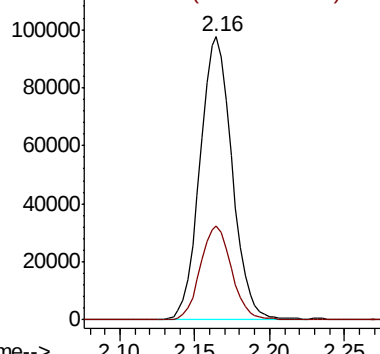
Ion Ratio Lower Upper

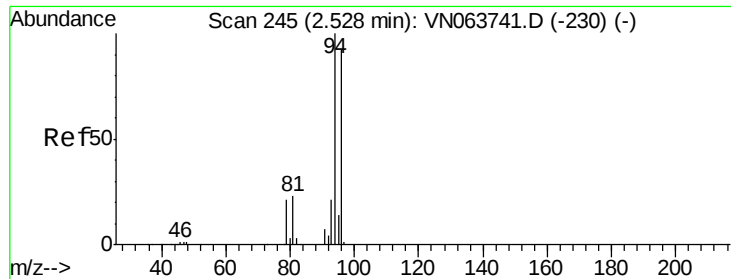
62 100

64 33.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 48.062 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

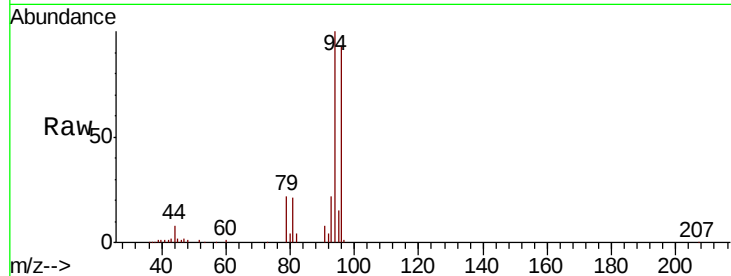
VSTDCCC050EC

Tot Ion: 94 Resp: 93091

Ion Ratio Lower Upper

94 100

96 93.5 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

50000

40000

30000

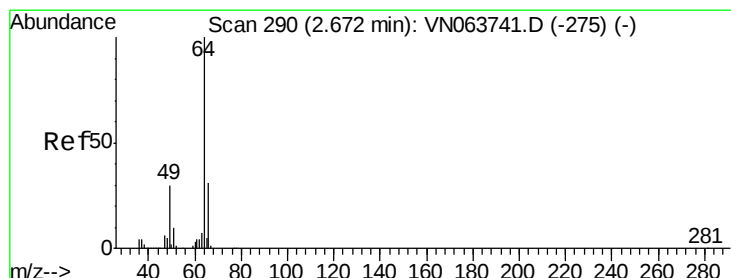
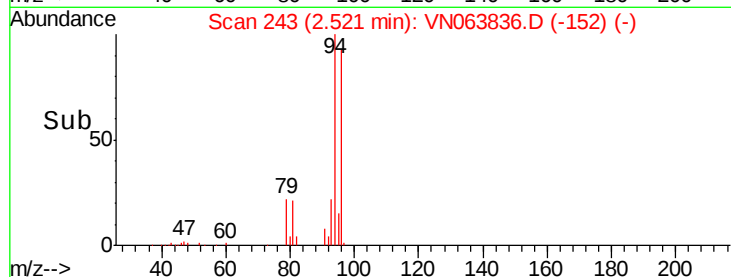
20000

10000

0

Time-->

2.50 2.60



#6

Chloroethane

Concen: 54.127 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN063836.D

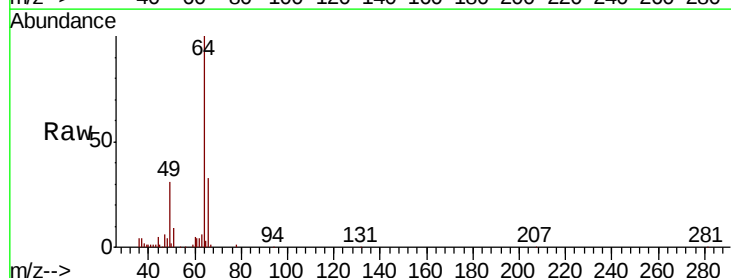
Acq: 2 Oct 2020 21:08

Tgt Ion: 64 Resp: 99597

Ion Ratio Lower Upper

64 100

66 32.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

50000

40000

30000

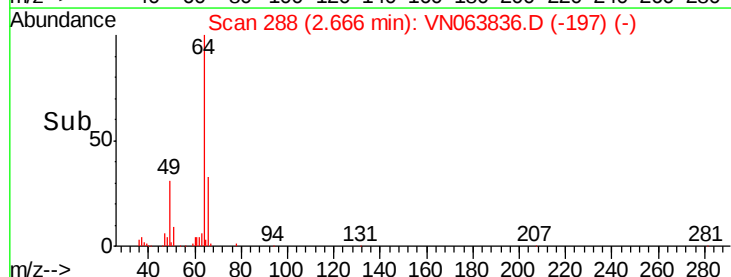
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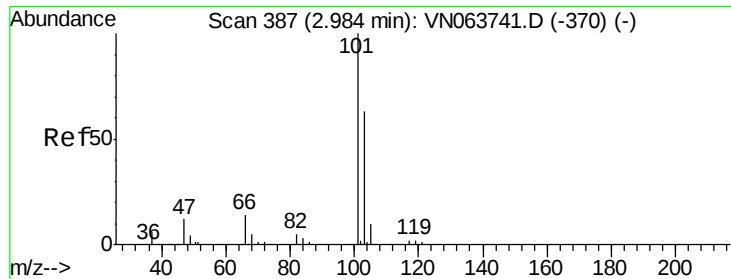
10000

0

Time-->

2.60 2.70 2.80



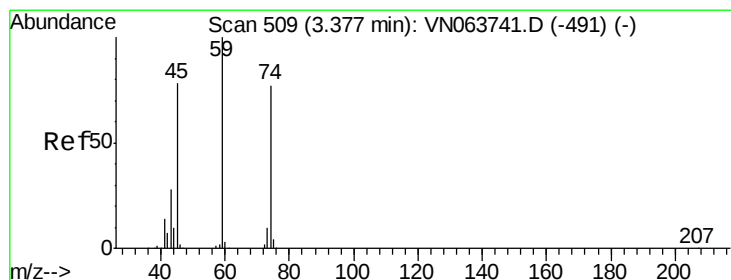
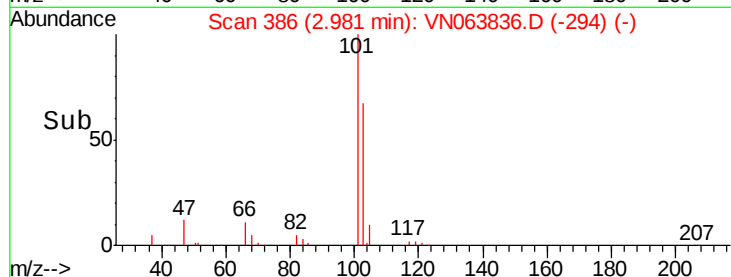
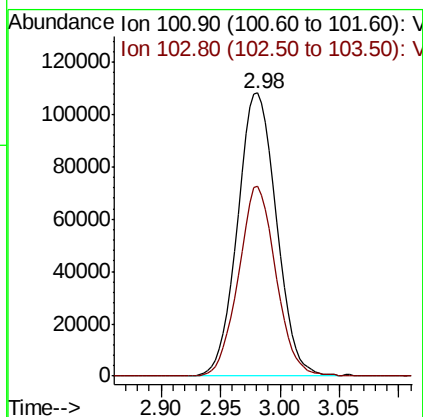
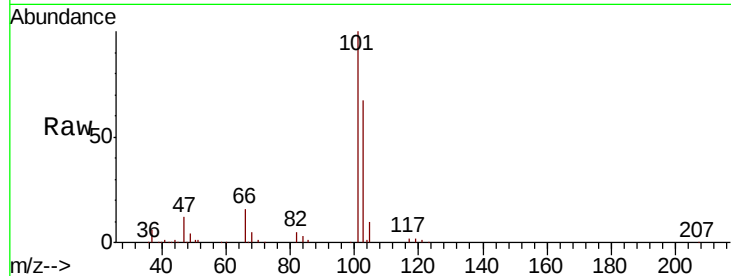


#7

Trichlorofluoromethane
 Concen: 50.229 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Instrument :
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 VSTDCCC050EC

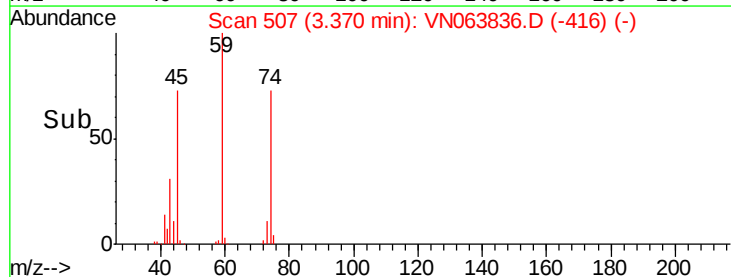
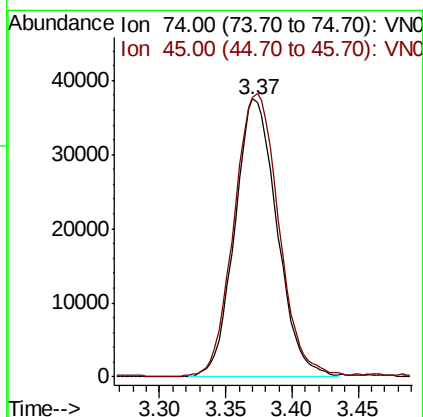
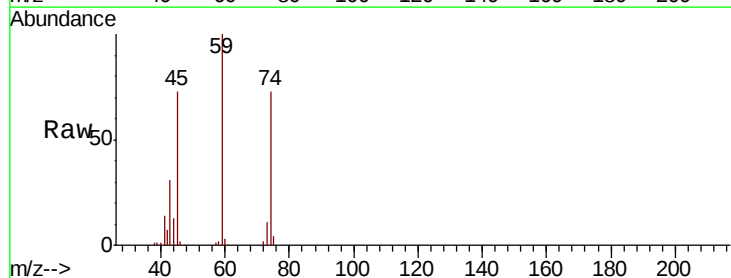
Tot Ion:101 Resp: 245305
 Ion Ratio Lower Upper
 101 100
 103 67.1 50.7 76.1



#8

Diethyl Ether
 Concen: 50.262 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion: 74 Resp: 83016
 Ion Ratio Lower Upper
 74 100
 45 108.4 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.659 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

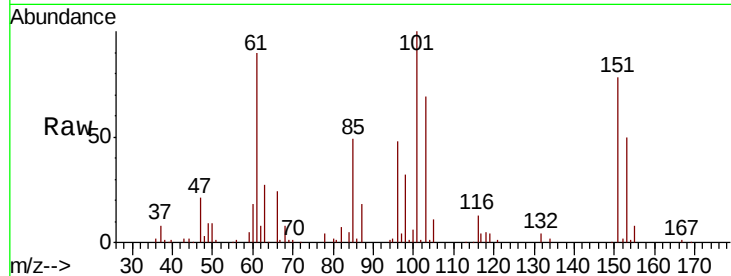
Tot Ion:101 Resp: 127014

Ion Ratio Lower Upper

101 100

85 48.7 38.6 58.0

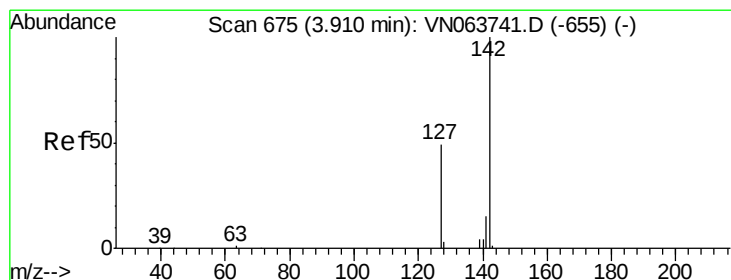
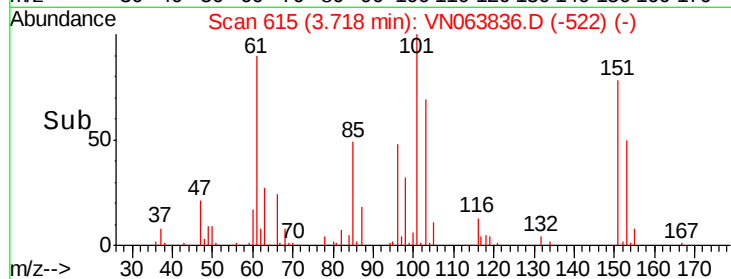
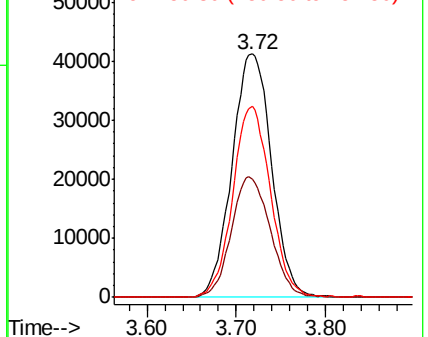
151 74.7 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.025 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

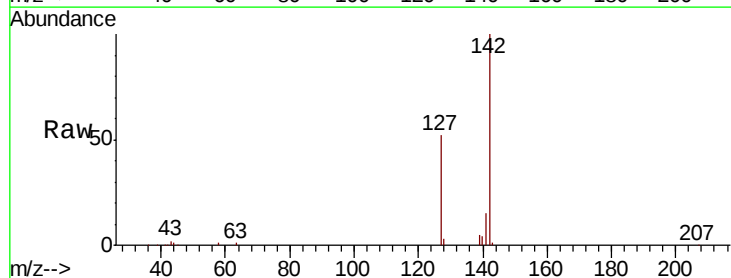
Tgt Ion:142 Resp: 166772

Ion Ratio Lower Upper

142 100

127 51.6 40.5 60.7

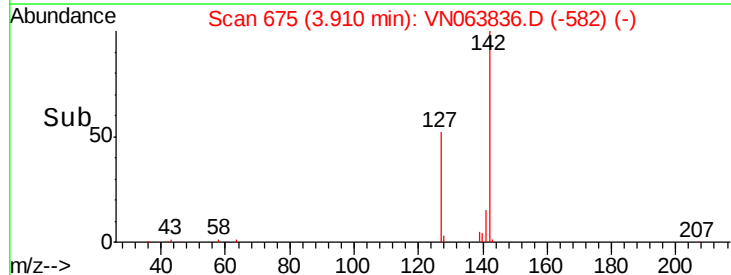
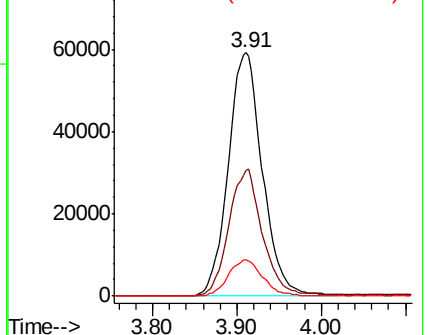
141 15.0 11.7 17.5

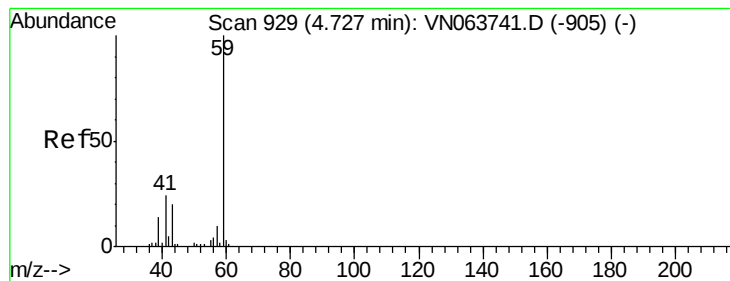


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



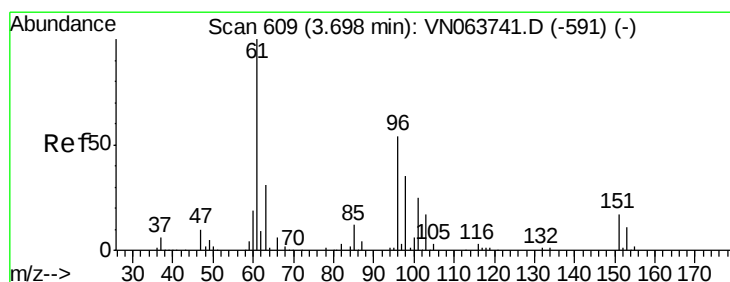
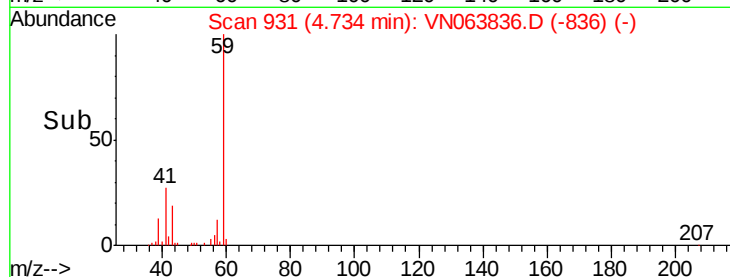
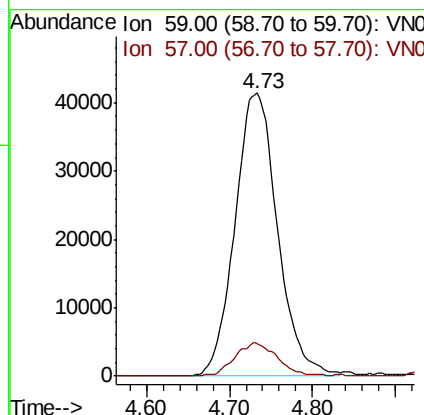
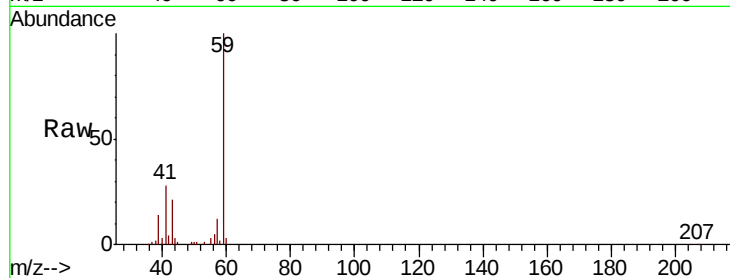


#11

Tert butyl alcohol
Concen: 327.193 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

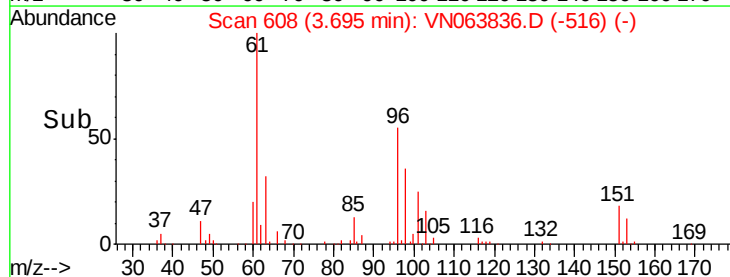
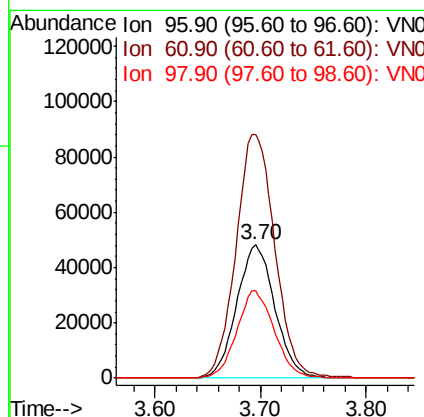
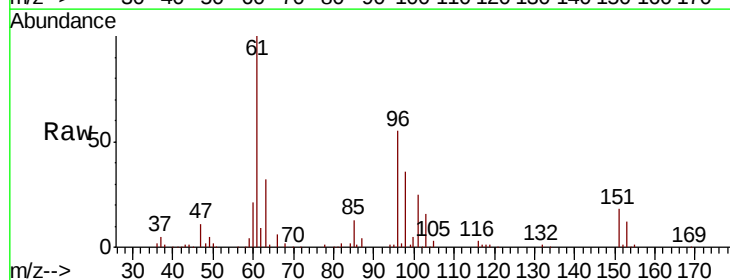
Tot Ion: 59 Resp: 147867
Ion Ratio Lower Upper
59 100
57 11.8 8.7 13.1

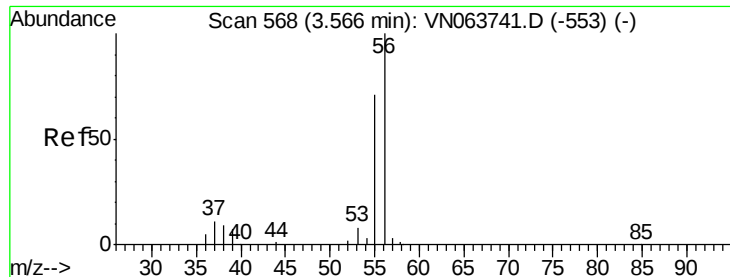


#12

1,1-Dichloroethene
Concen: 48.610 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion: 96 Resp: 121284
Ion Ratio Lower Upper
96 100
61 182.9 147.7 221.5
98 65.5 51.9 77.9

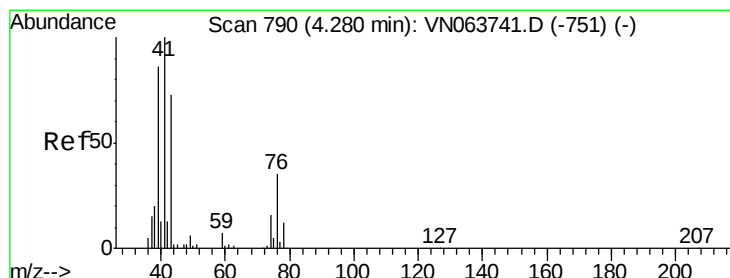
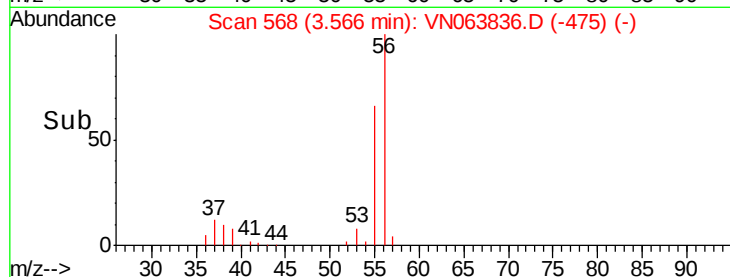
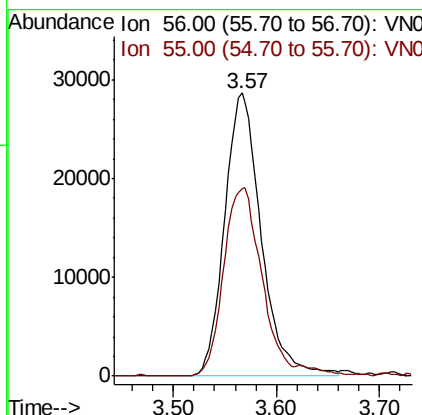
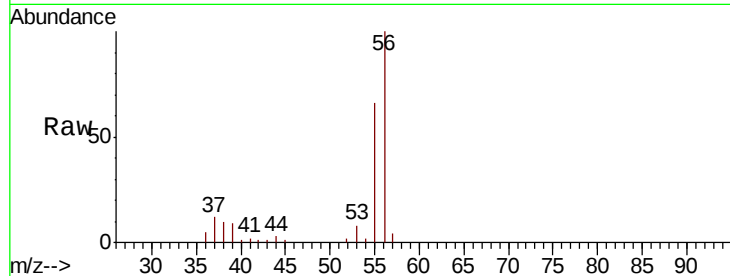




#13
 Acrolein
 Concen: 255.365 ug/l
 RT: 3.57 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

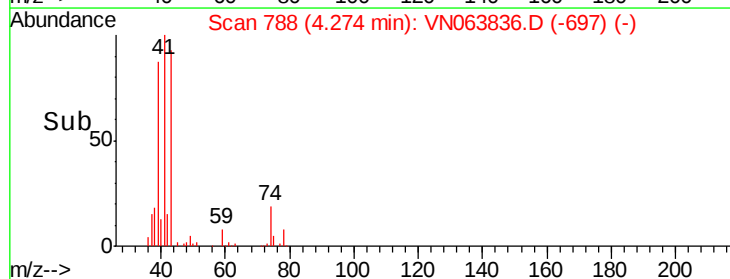
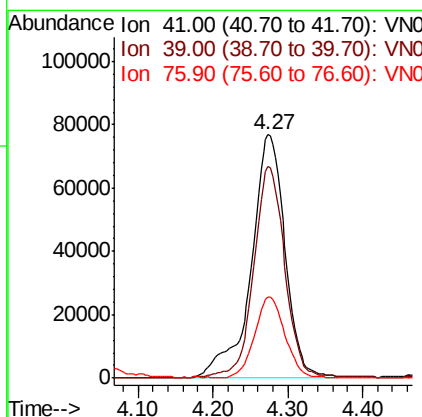
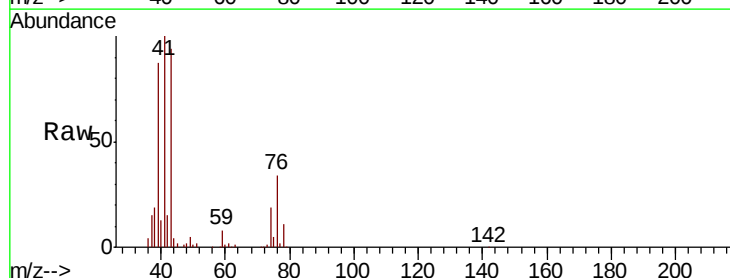
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

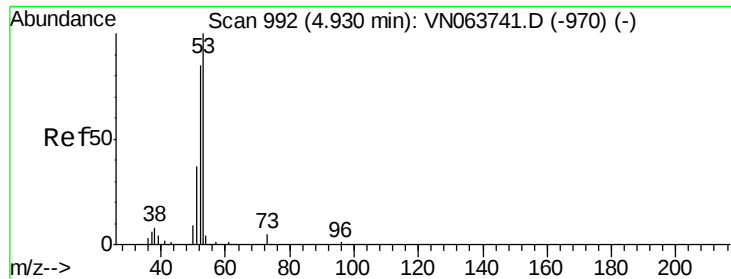
Tot Ion: 56 Resp: 70830
 Ion Ratio Lower Upper
 56 100
 55 68.4 56.9 85.3



#14
 Allyl chloride
 Concen: 52.538 ug/l
 RT: 4.27 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion: 41 Resp: 243529
 Ion Ratio Lower Upper
 41 100
 39 78.9 64.5 96.7
 76 29.6 25.9 38.9





#15

Acrylonitrile

Concen: 289.877 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

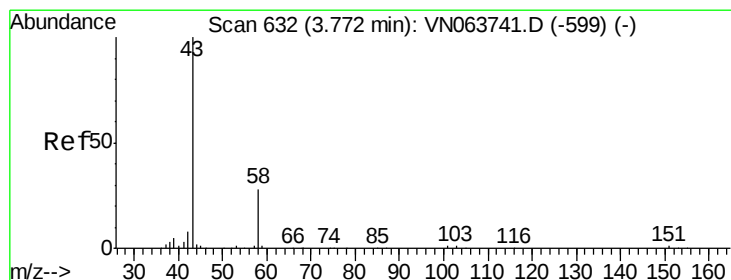
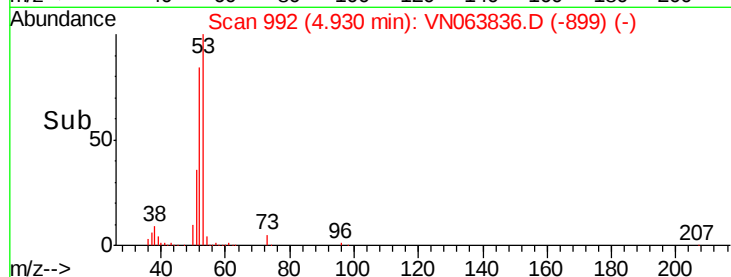
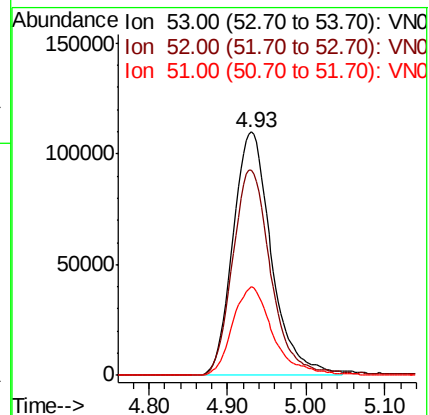
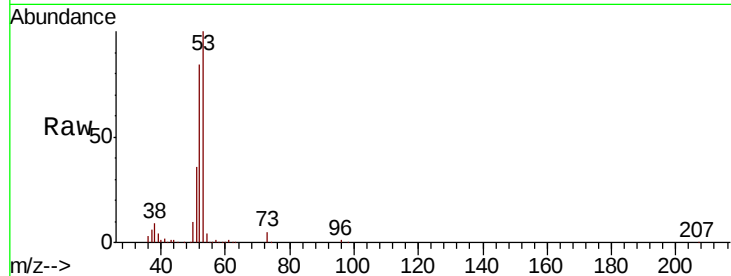
Tot Ion: 53 Resp: 374988

Ion Ratio Lower Upper

53 100

52 84.1 66.5 99.7

51 38.0 29.9 44.9



#16

Acetone

Concen: 282.292 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063836.D

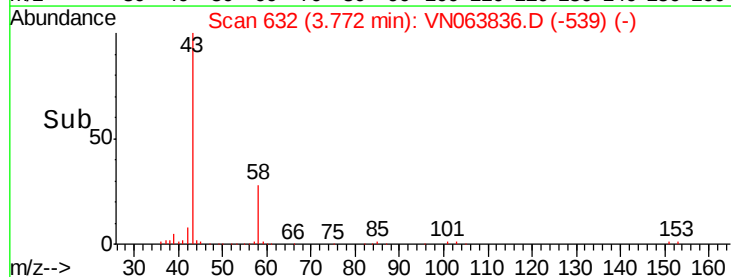
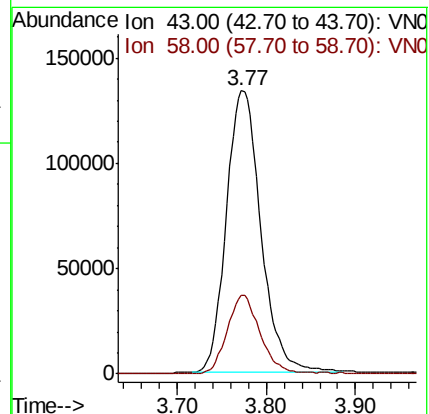
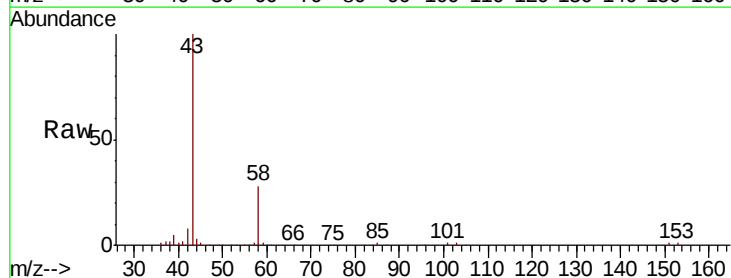
Acq: 2 Oct 2020 21:08

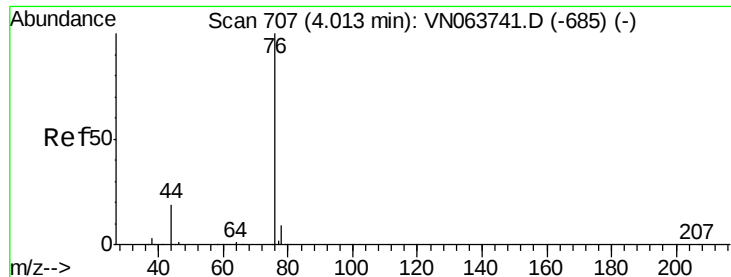
Tgt Ion: 43 Resp: 355712

Ion Ratio Lower Upper

43 100

58 28.1 22.3 33.5

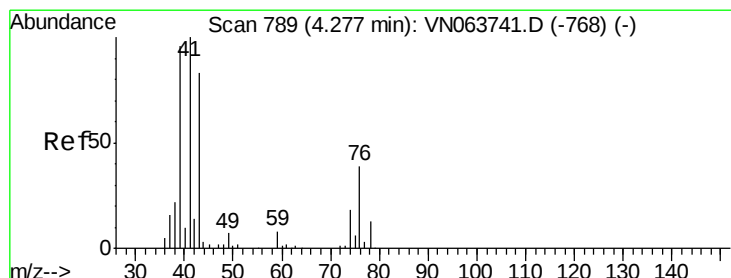
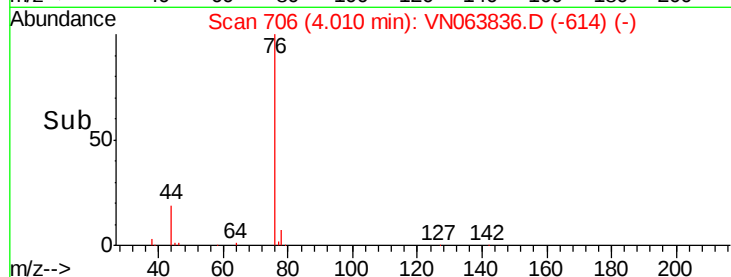
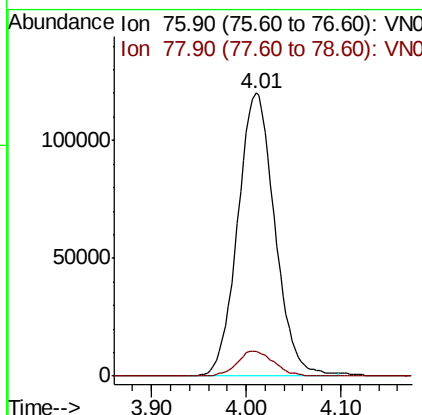
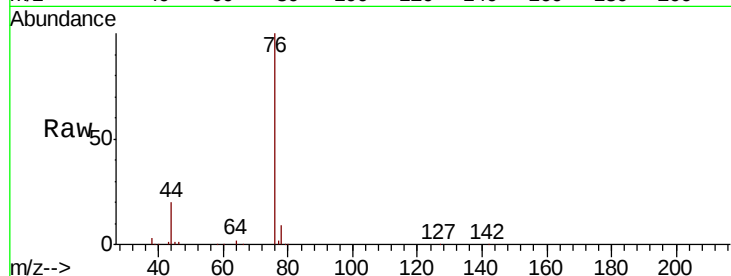




#17
Carbon Disulfide
Concen: 48.520 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

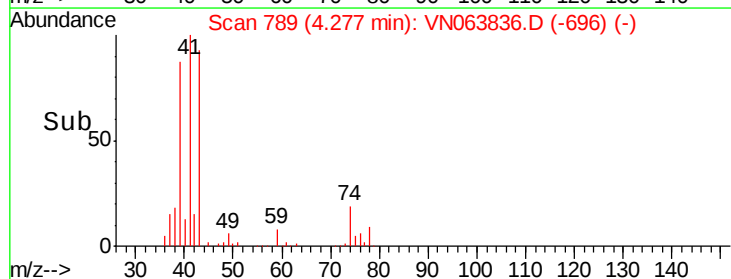
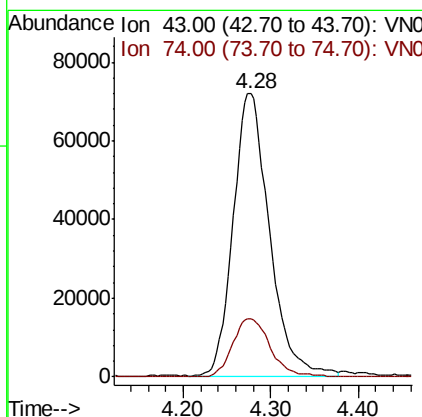
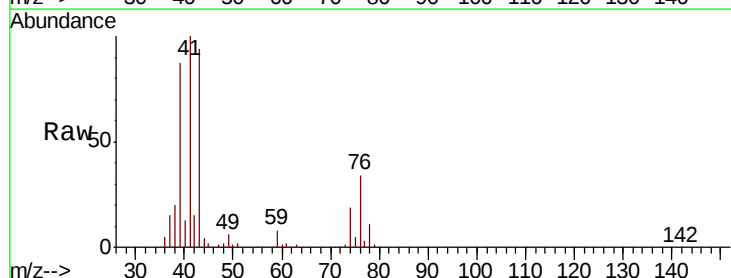
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

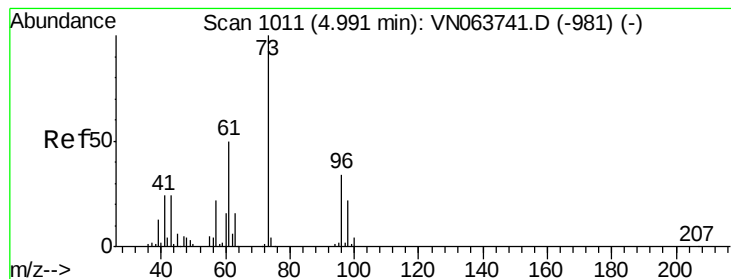
Tot Ion: 76 Resp: 327058
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 62.923 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion: 43 Resp: 205863
Ion Ratio Lower Upper
43 100
74 21.5 17.4 26.2



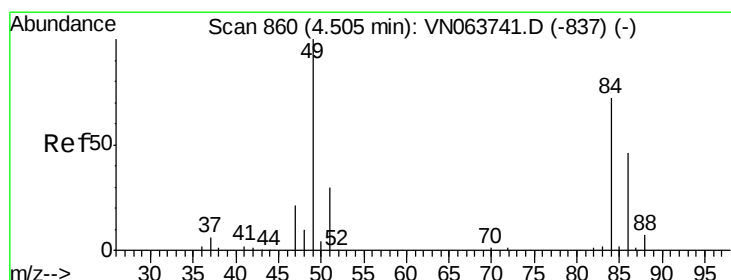
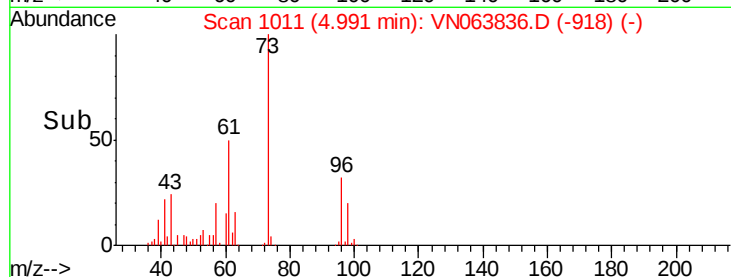
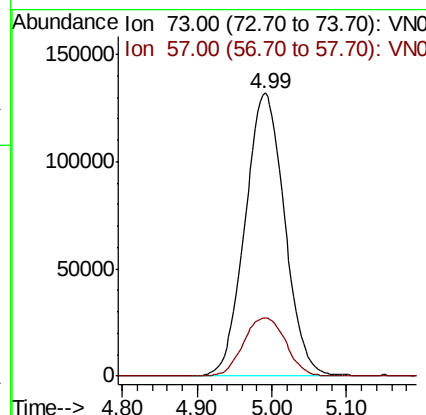
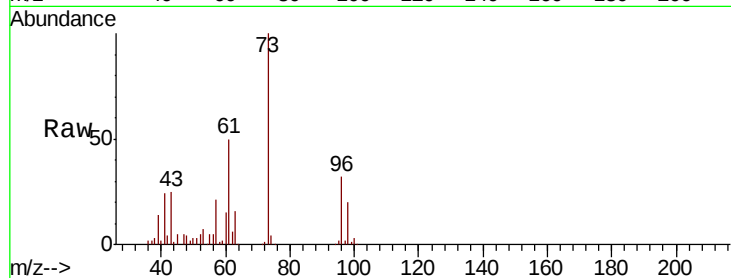


#19

Methyl tert-butyl Ether
 Concen: 53.530 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

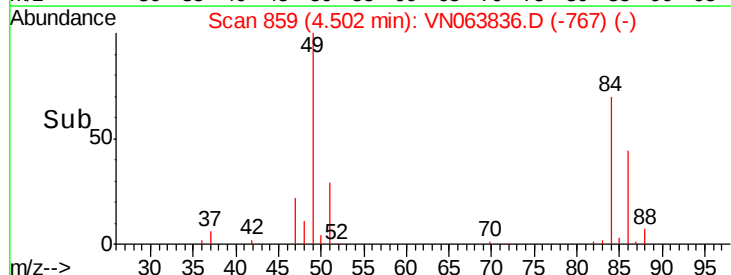
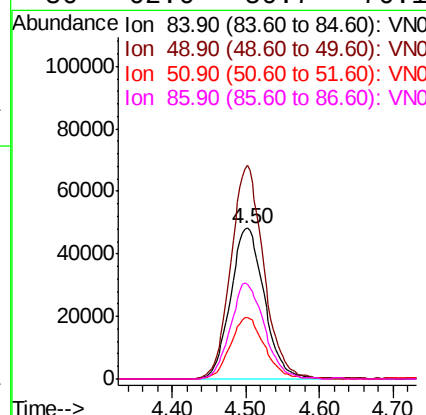
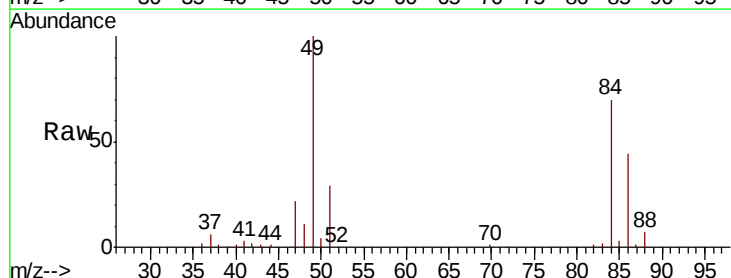
Tot Ion: 73 Resp: 485239
 Ion Ratio Lower Upper
 73 100
 57 20.7 17.6 26.4

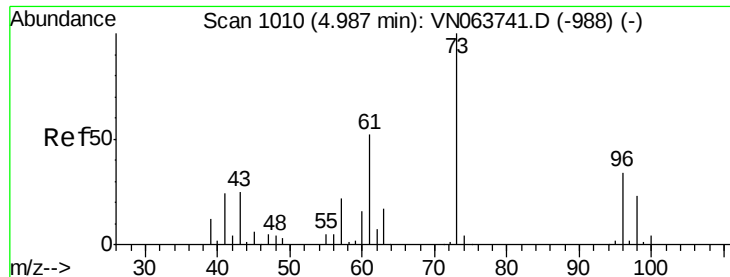


#20

Methylene Chloride
 Concen: 53.406 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion: 84 Resp: 154159
 Ion Ratio Lower Upper
 84 100
 49 141.9 110.4 165.6
 51 41.0 33.3 49.9
 86 62.6 50.7 76.1

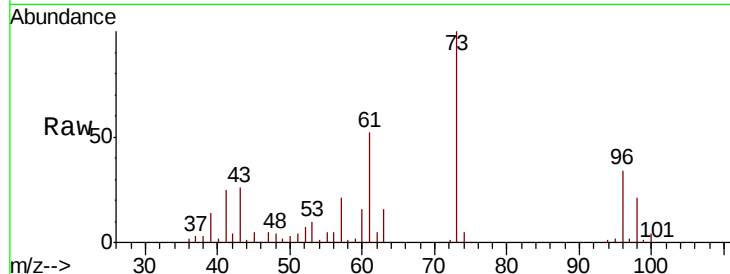




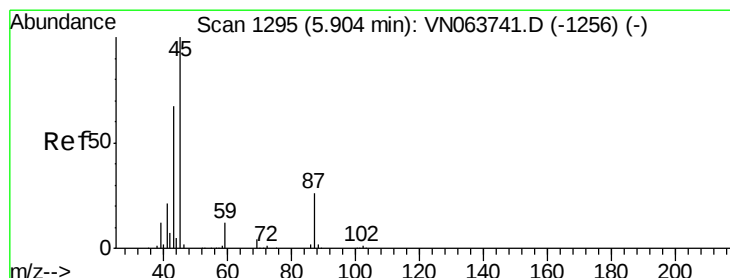
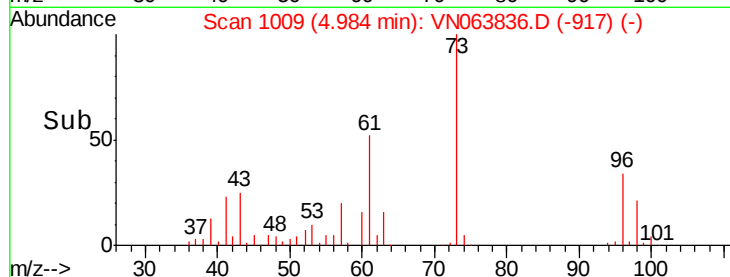
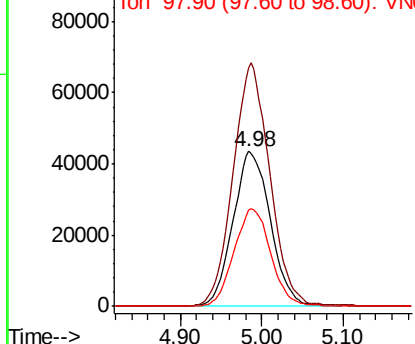
#21
trans-1,2-Dichloroethene
Concen: 49.676 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 138828
Ion Ratio Lower Upper
96 100
61 153.9 120.2 180.2
98 62.2 52.6 79.0

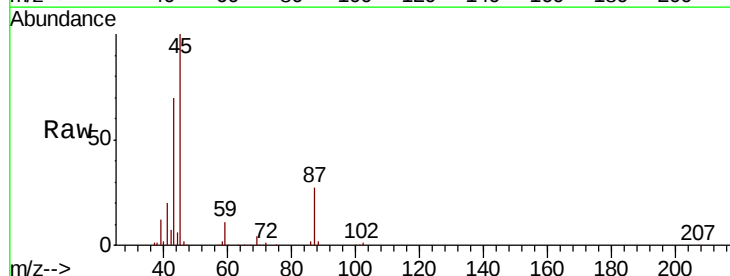


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

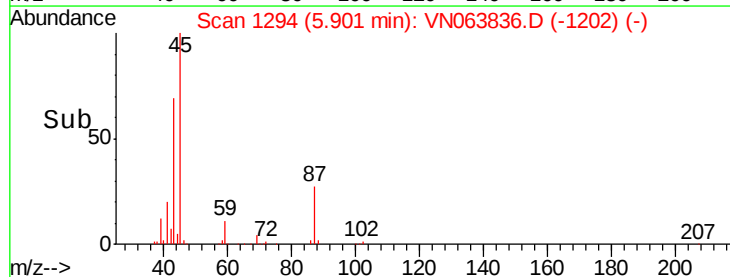
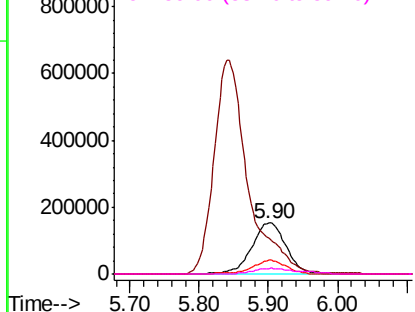


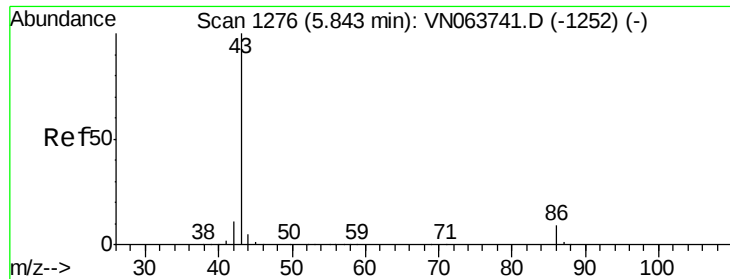
#22
Diisopropyl ether
Concen: 55.195 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion: 45 Resp: 526391
Ion Ratio Lower Upper
45 100
43 67.5 53.7 80.5
87 26.6 21.1 31.7
59 10.9 9.2 13.8



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

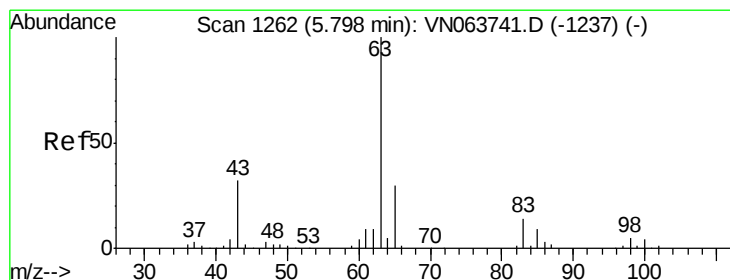
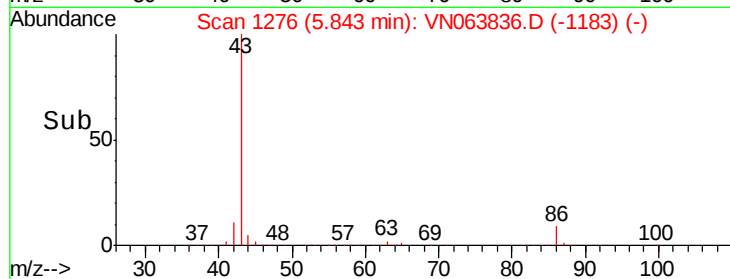
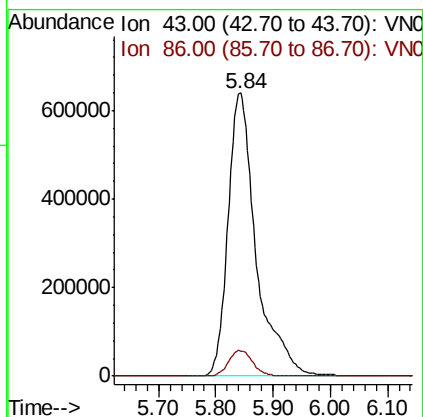
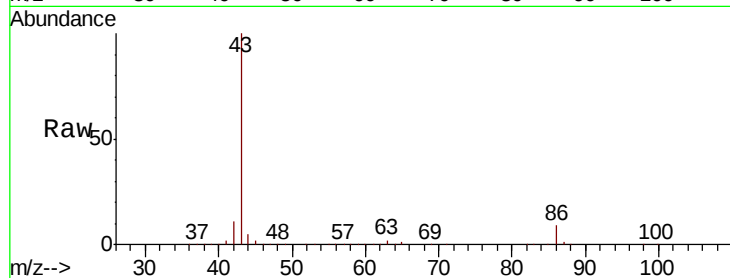




#23
 Vinyl Acetate
 Concen: 276.593 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

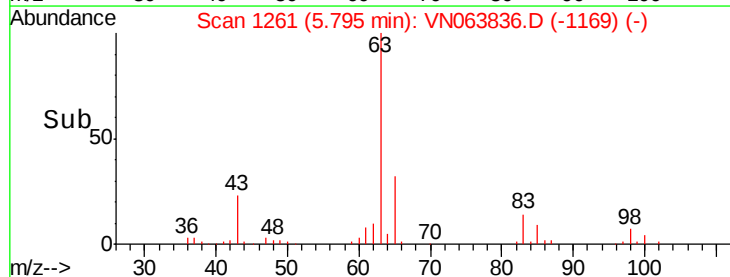
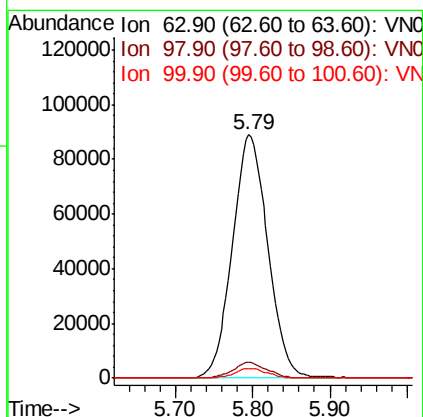
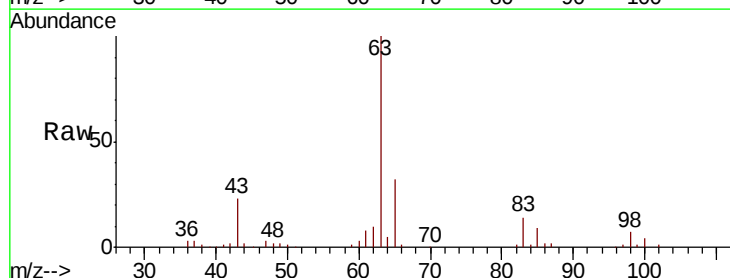
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2185073
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 51.947 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion: 63 Resp: 283263
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.7 8.1
 100 3.9 1.9 5.7





#25

2-Butanone

Concen: 309.468 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

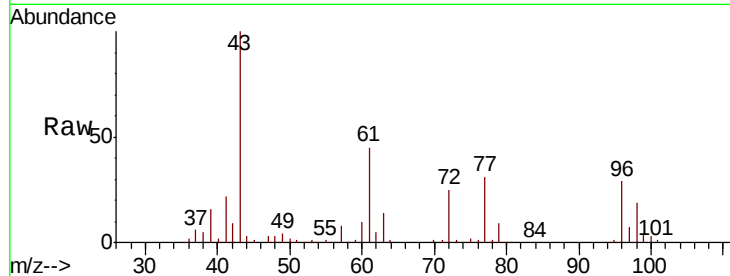
VSTDCCC050EC

Tot Ion: 43 Resp: 552861

Ion Ratio Lower Upper

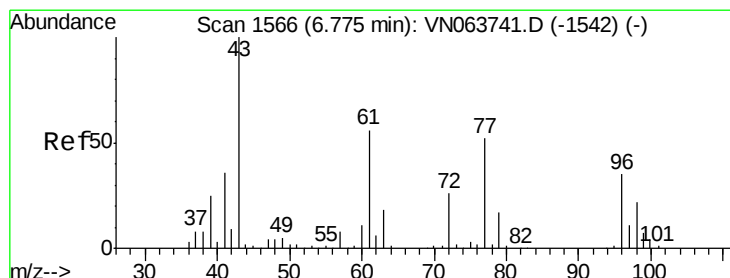
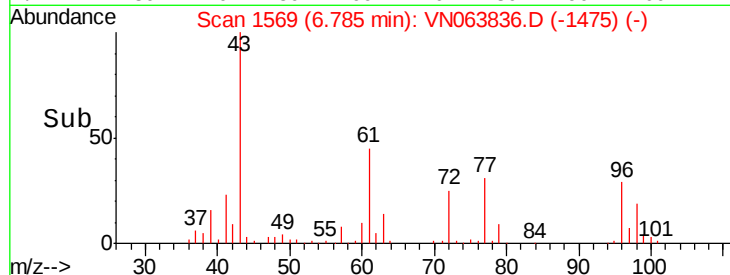
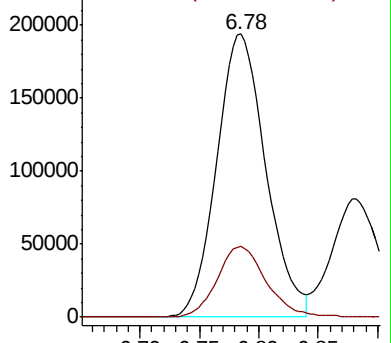
43 100

72 25.0 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 42.805 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063836.D

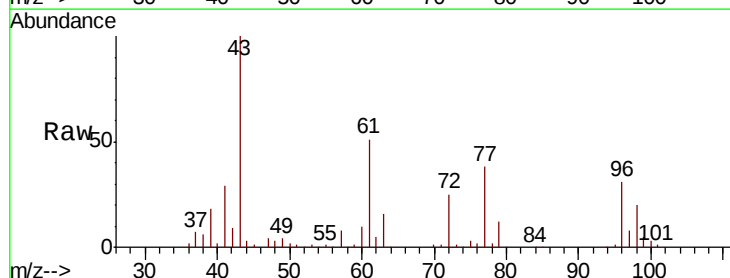
Acq: 2 Oct 2020 21:08

Tgt Ion: 77 Resp: 213751

Ion Ratio Lower Upper

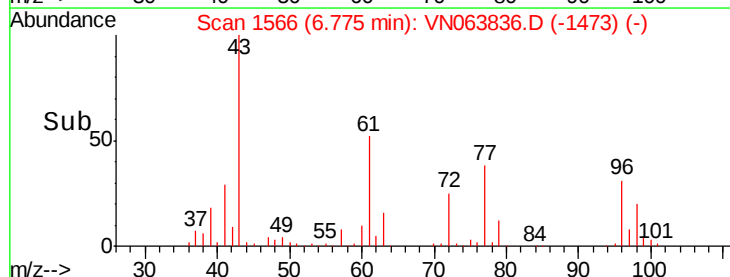
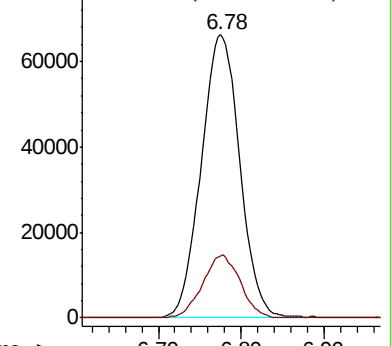
77 100

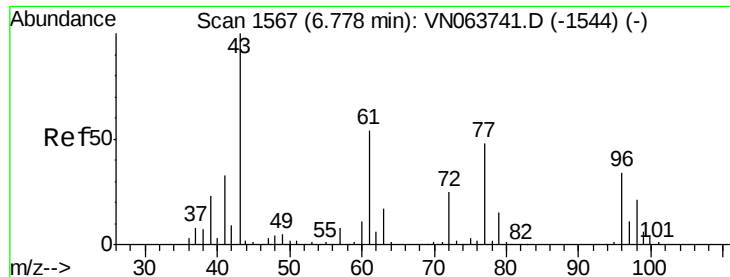
97 21.8 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 50.934 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

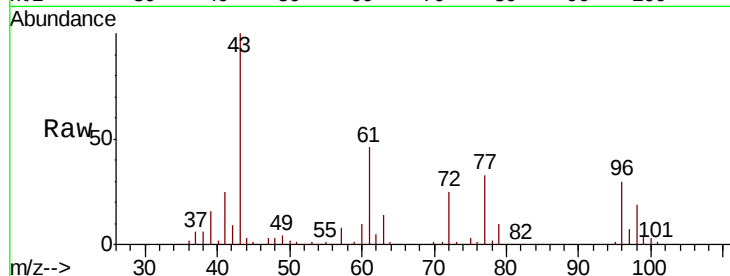
Tot Ion: 96 Resp: 163711

Ion Ratio Lower Upper

96 100

61 160.3 0.0 321.2

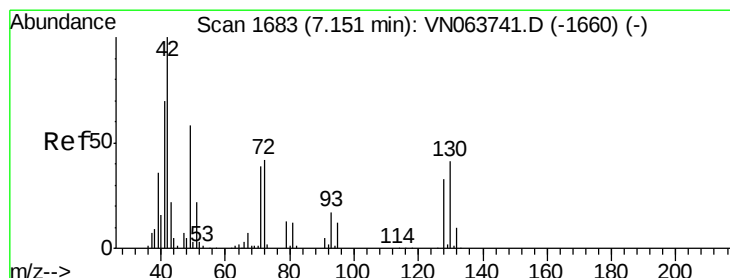
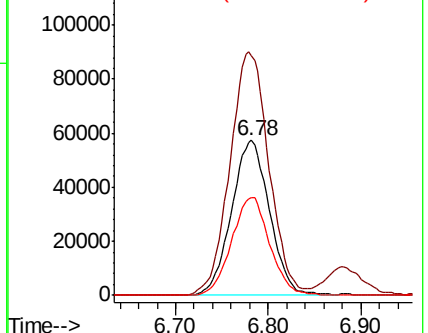
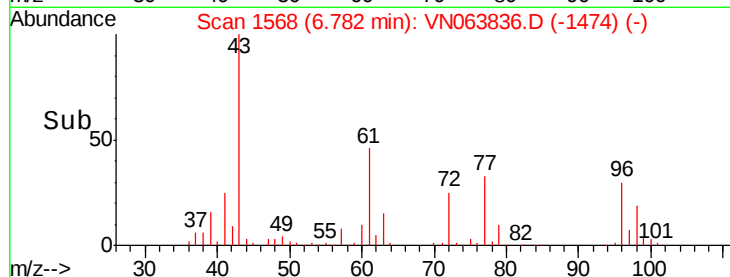
98 63.1 0.0 124.4



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



#28

Bromochloromethane

Concen: 52.965 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

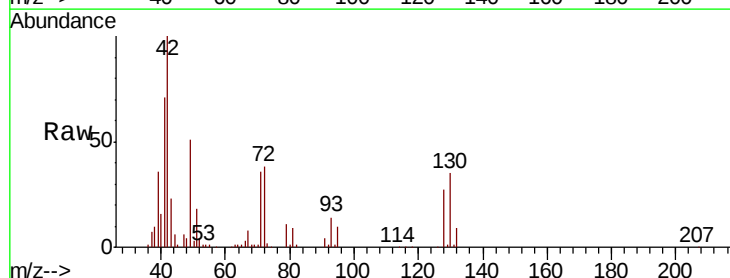
Tgt Ion: 49 Resp: 142747

Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.8

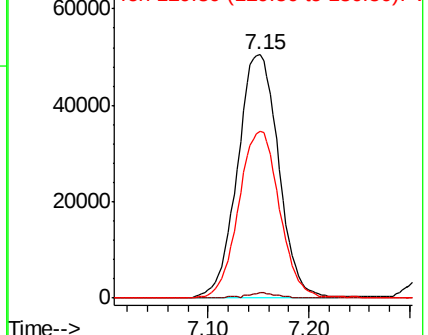
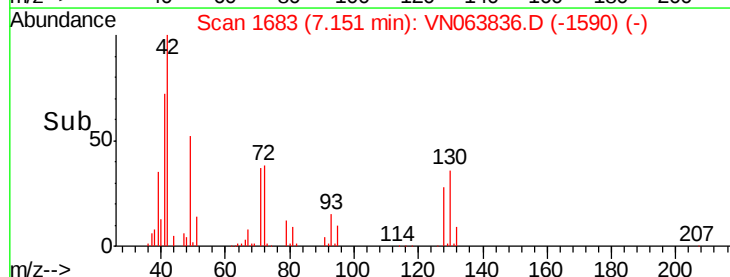
130 68.0 55.6 83.4

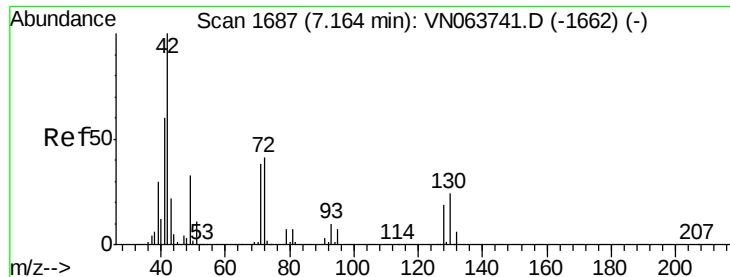


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

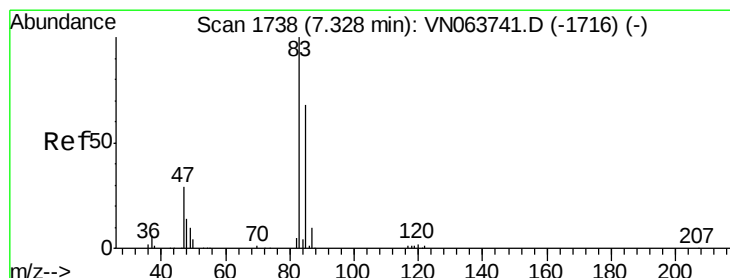
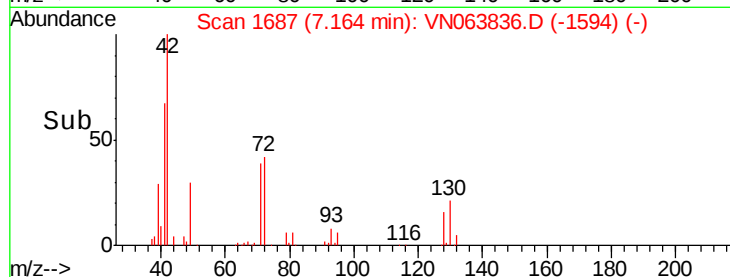
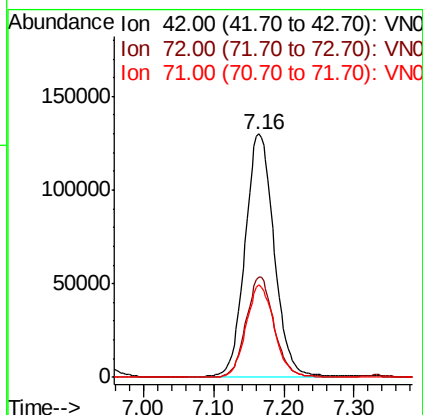
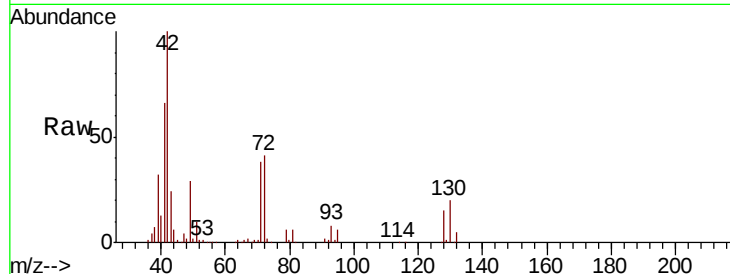




#29
Tetrahydrofuran
Concen: 310.966 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

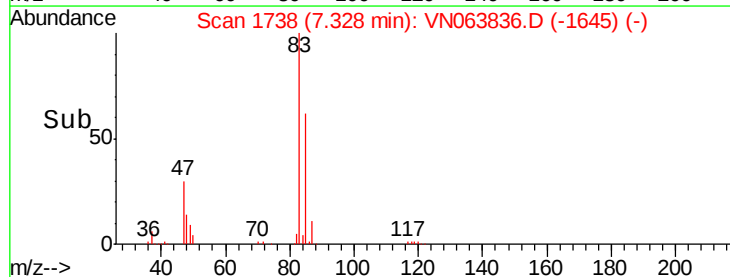
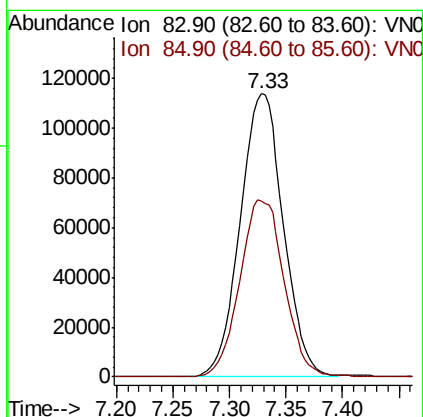
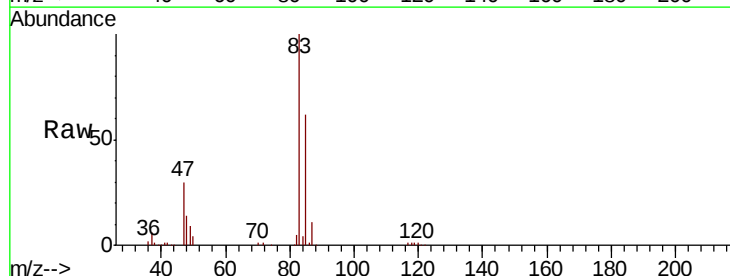
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

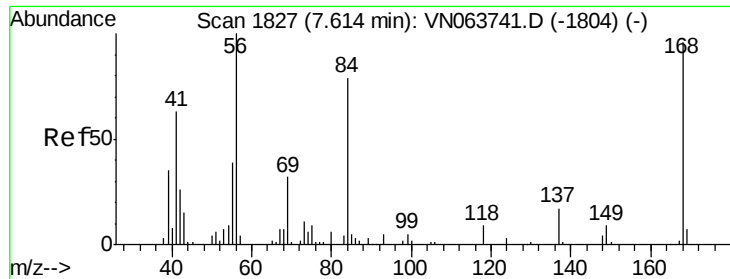
Tot Ion: 42 Resp: 372596
Ion Ratio Lower Upper
42 100
72 39.6 32.8 49.2
71 37.0 30.6 45.8



#30
Chloroform
Concen: 53.115 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion: 83 Resp: 301995
Ion Ratio Lower Upper
83 100
85 62.3 54.6 82.0

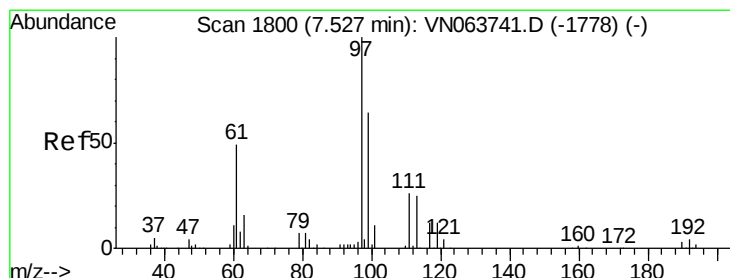
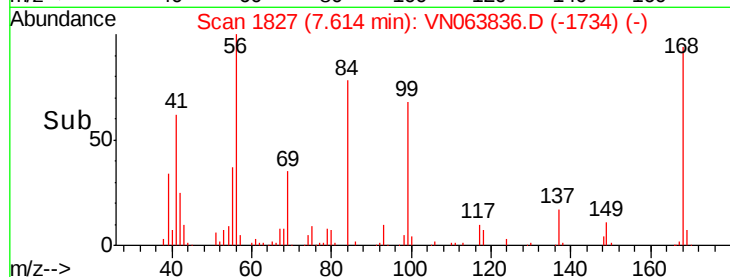
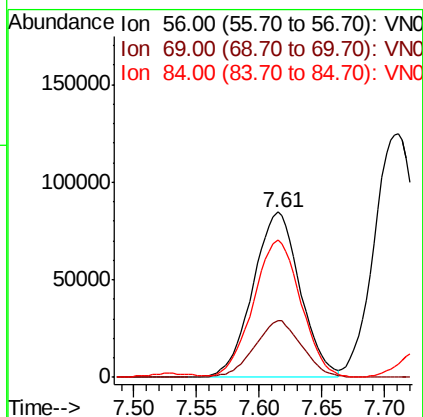
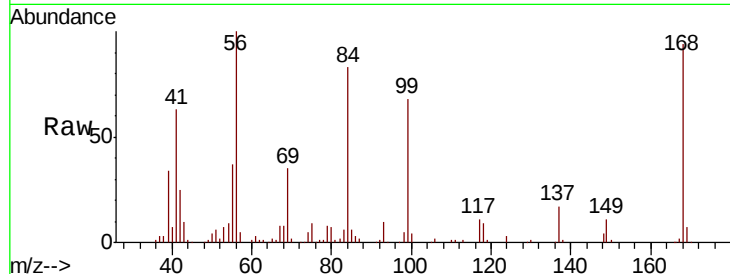




#31
Cyclohexane
Concen: 46.682 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

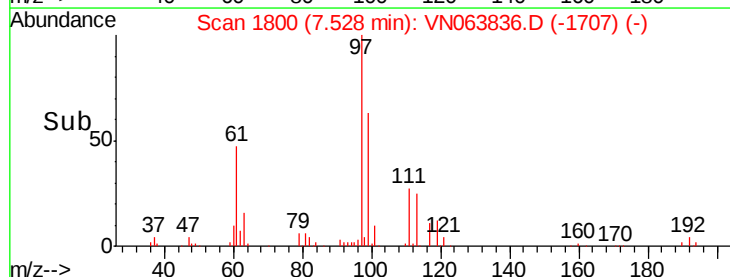
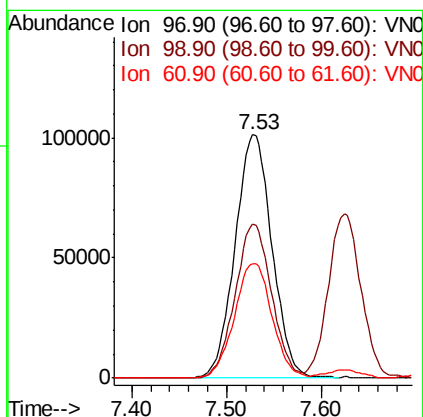
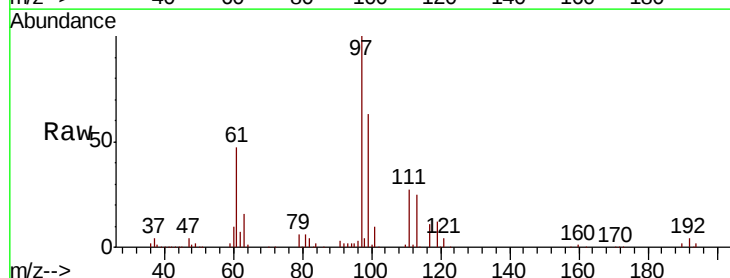
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

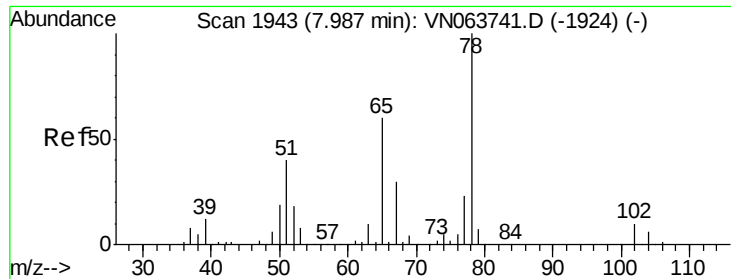
Tot Ion: 56 Resp: 221846
Ion Ratio Lower Upper
56 100
69 34.6 25.4 38.2
84 81.1 63.3 94.9



#32
1,1,1-Trichloroethane
Concen: 53.710 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion: 97 Resp: 275442
Ion Ratio Lower Upper
97 100
99 62.3 51.0 76.6
61 48.0 38.7 58.1

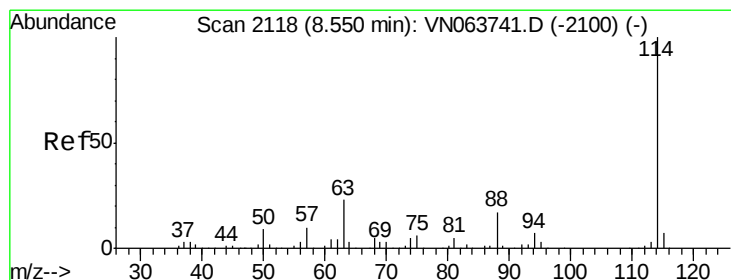
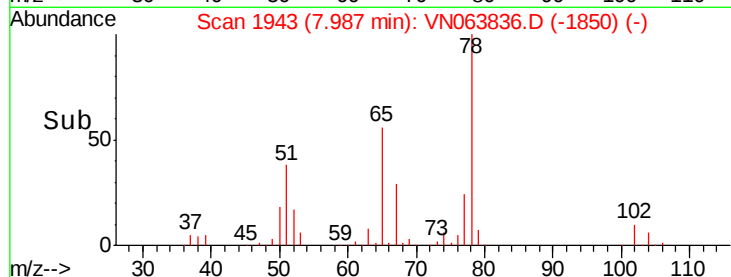
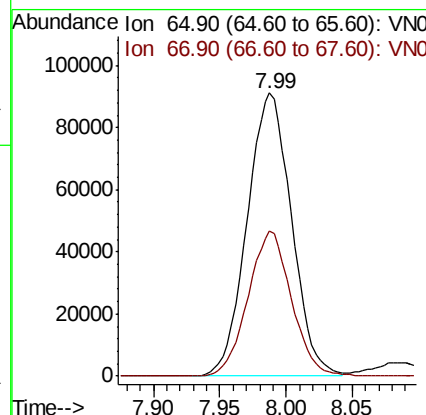
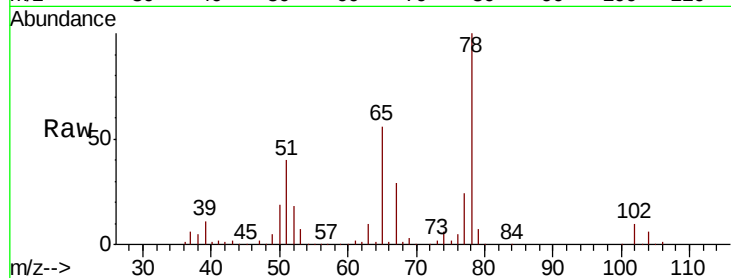




#33
 1,2-Dichloroethane-d4
 Concen: 51.803 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

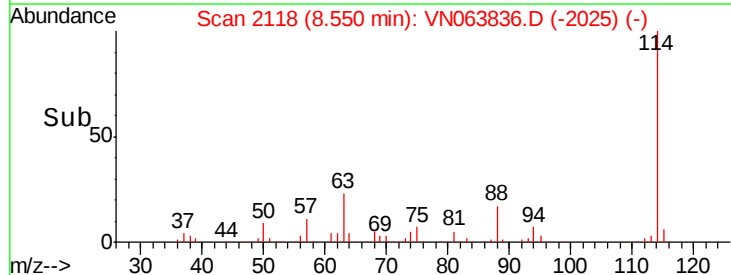
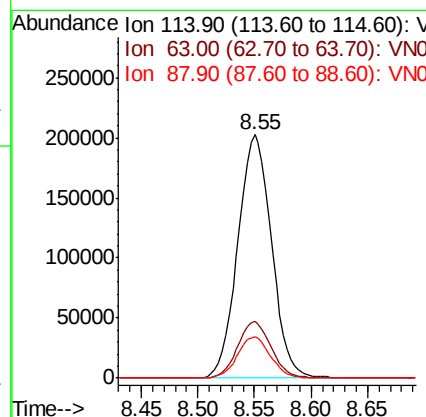
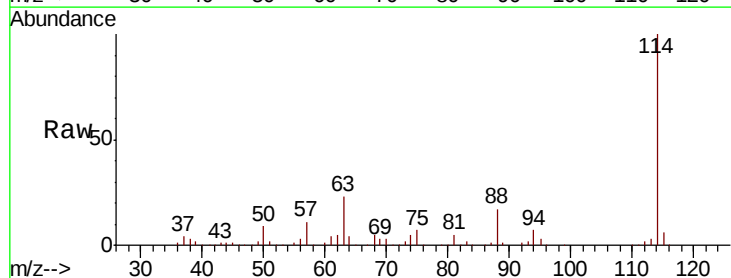
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 212052
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion: 114 Resp: 421182
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 16.7 0.0 34.0

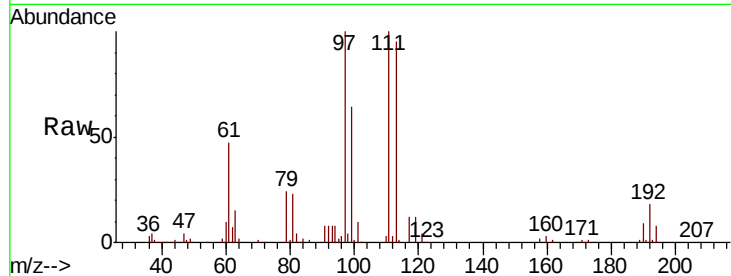




#35
 Dibromofluoromethane
 Concen: 49.994 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	18.8	14.2	21.2

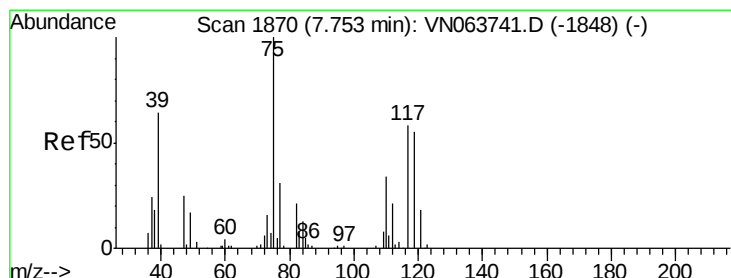
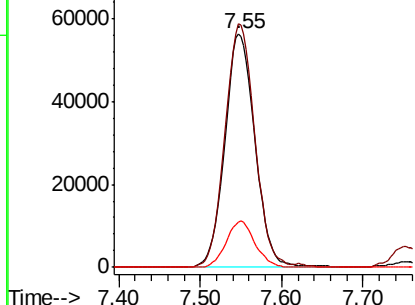
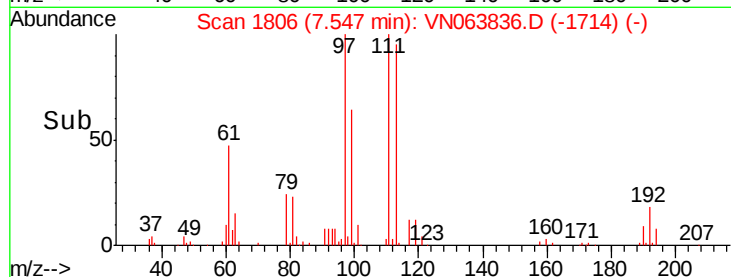


Abundance

Ion 112.80 (112.50 to 113.50): V

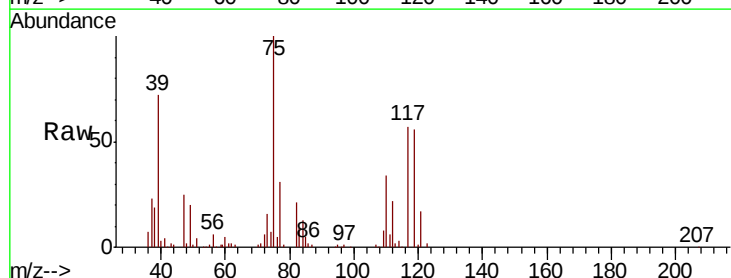
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 48.626 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.6
77	31.5	24.5	36.7

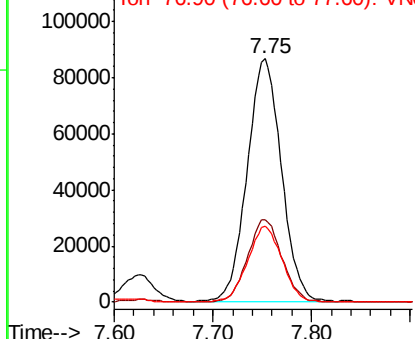
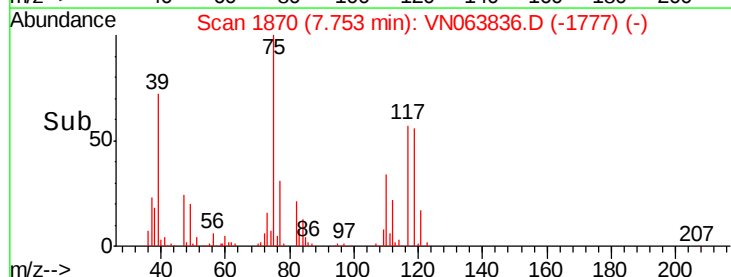


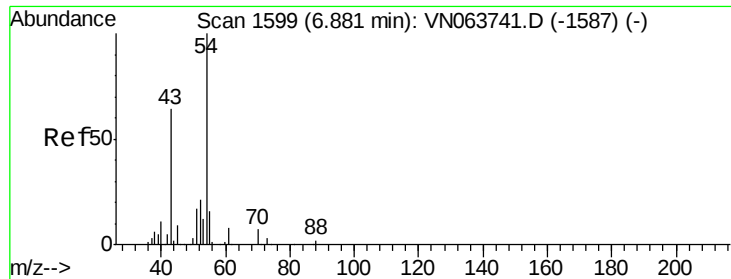
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

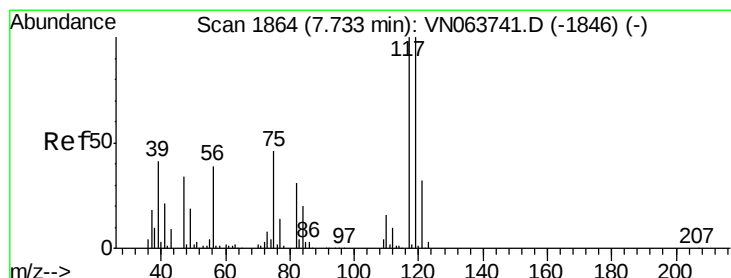
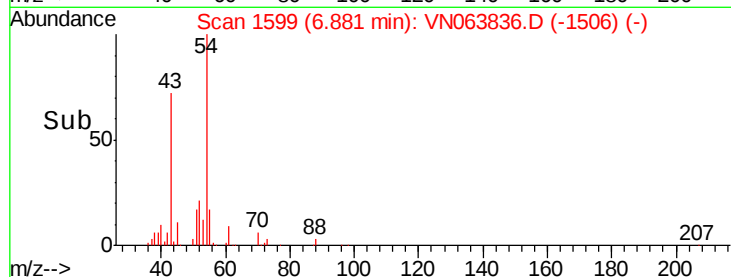
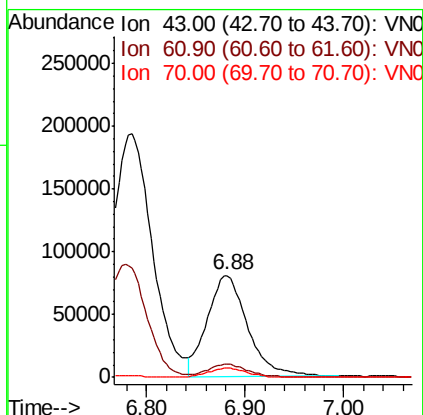
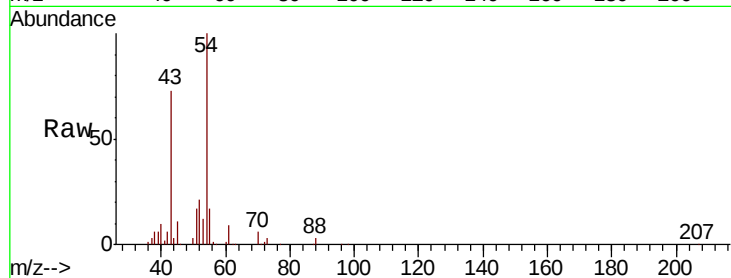




#37
Ethyl Acetate
Concen: 53.902 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

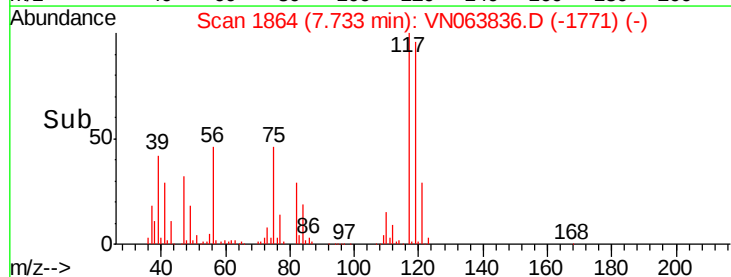
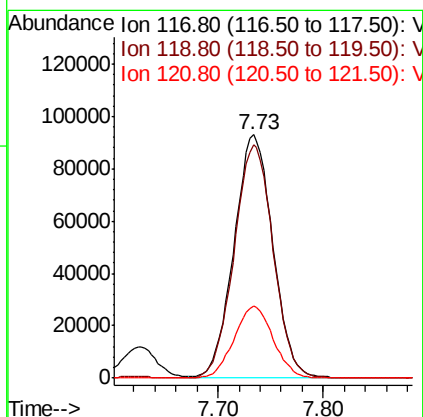
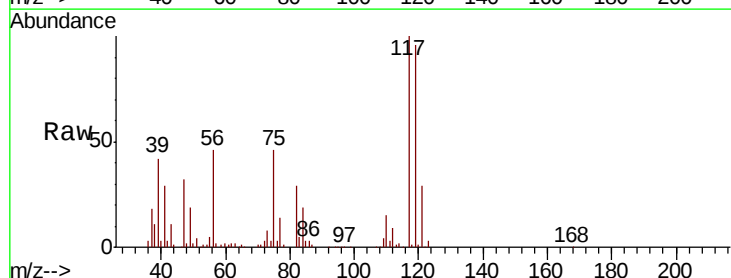
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

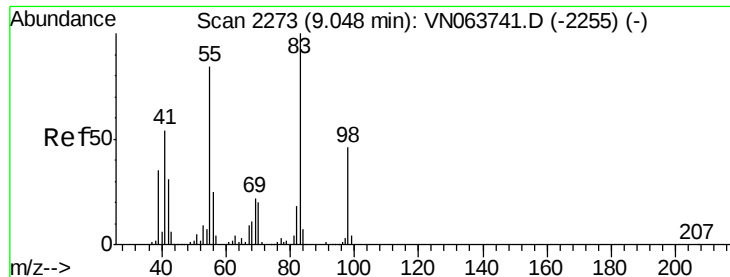
Tot Ion: 43 Resp: 228506
Ion Ratio Lower Upper
43 100
61 12.4 10.4 15.6
70 9.1 7.3 10.9



#38
Carbon Tetrachloride
Concen: 49.641 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion: 117 Resp: 237520
Ion Ratio Lower Upper
117 100
119 96.0 80.1 120.1
121 29.5 25.7 38.5

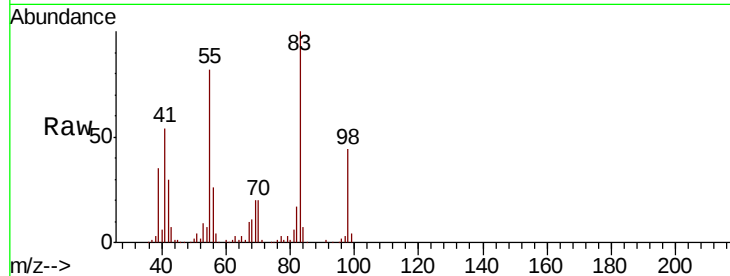




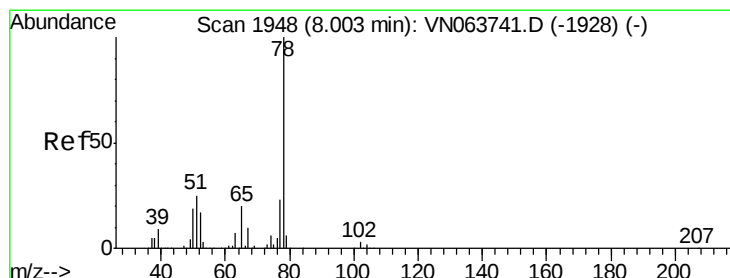
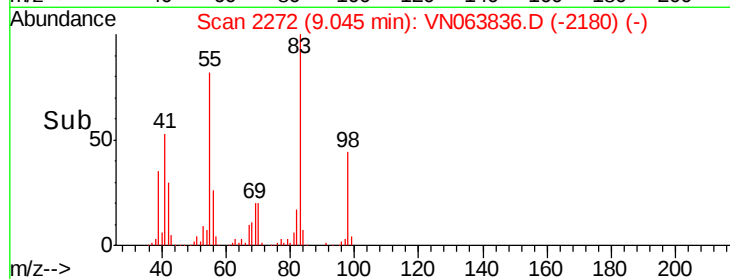
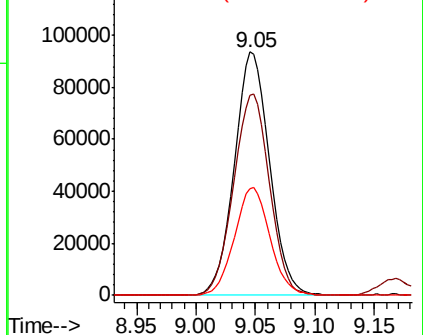
#39
Methvlcvclohexane
Concen: 45.036 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 191636
Ion Ratio Lower Upper
83 100
55 82.0 67.1 100.7
98 44.0 36.6 54.8

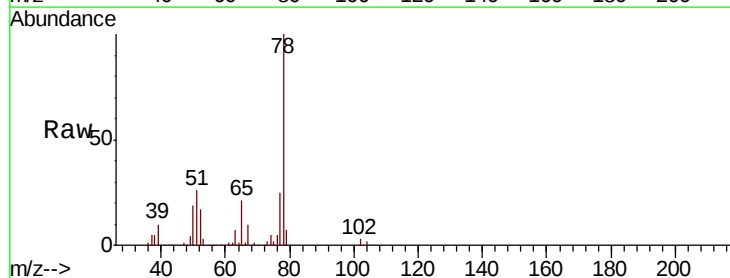


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

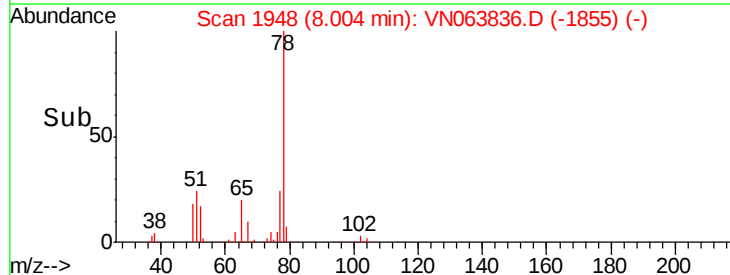
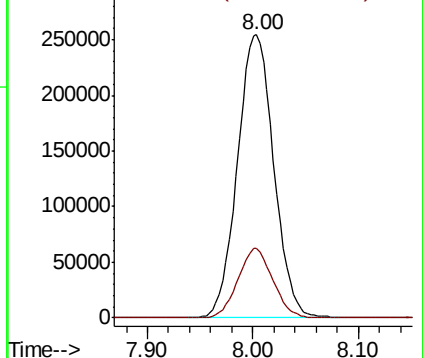


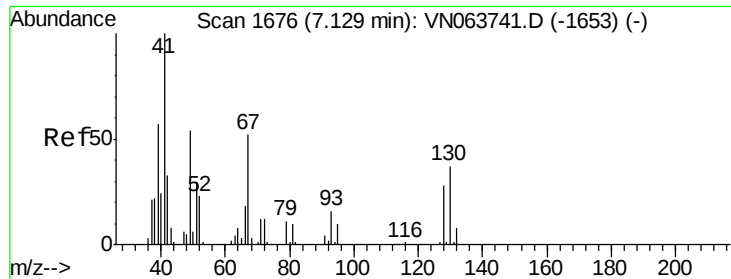
#40
Benzene
Concen: 50.002 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion: 78 Resp: 609402
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

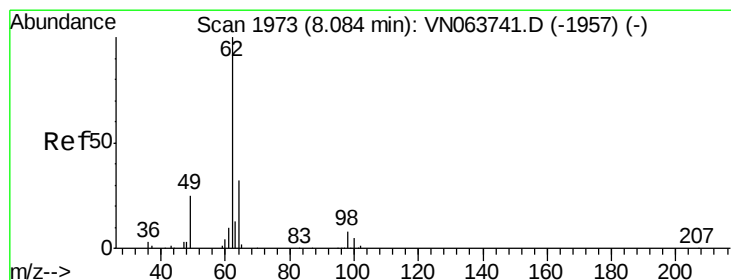
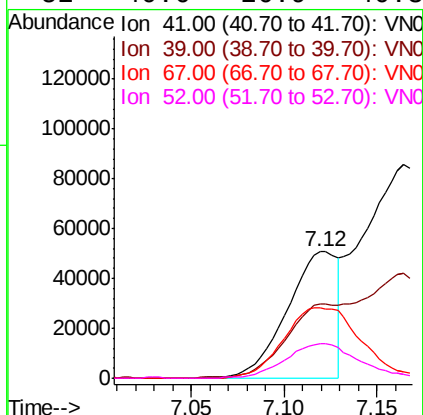
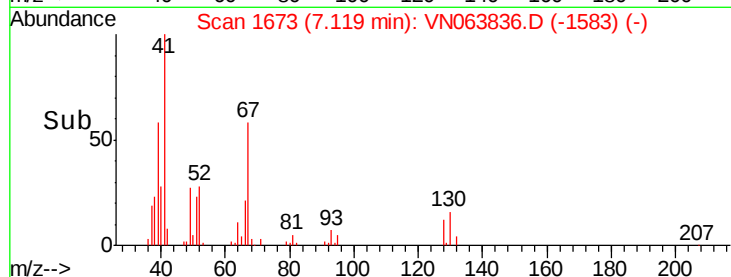
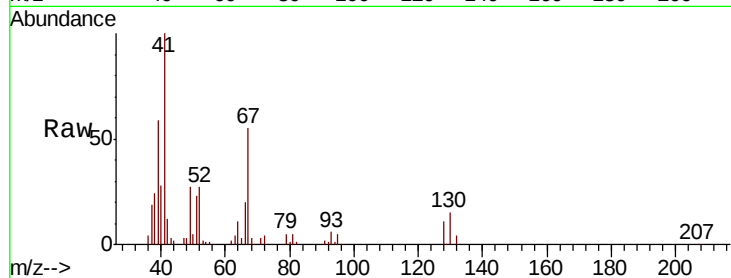




#41
Methacrylonitrile
Concen: 51.103 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

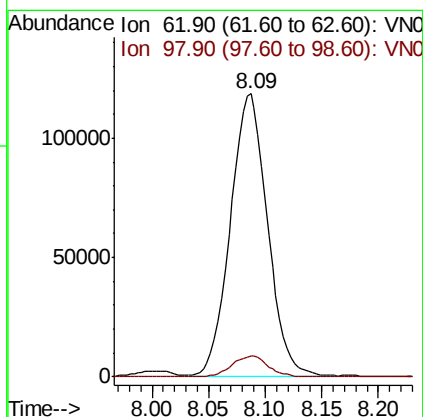
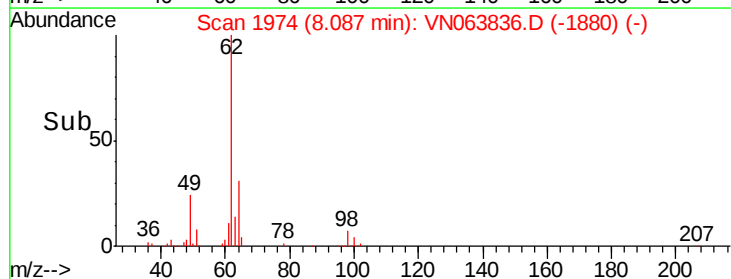
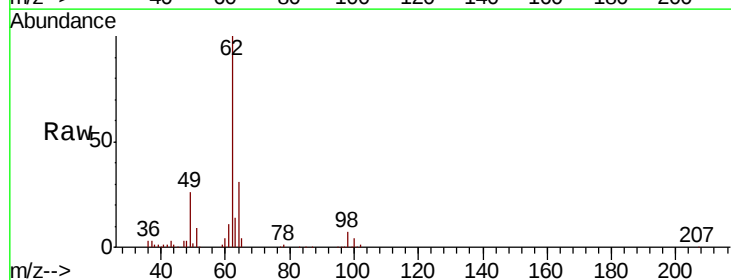
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

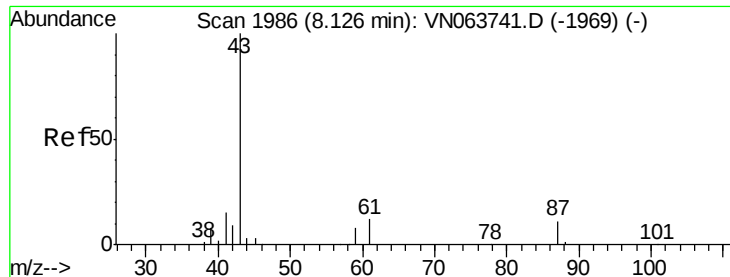
Tot Ion:	41	Resp:	96285
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.5	63.7
67	85.5	57.4	86.2
52	40.6	26.9	40.3#



#42
1,2-Dichloroethane
Concen: 51.834 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion:	62	Resp:	269664
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.0





#43

Isopropyl Acetate

Concen: 55.534 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

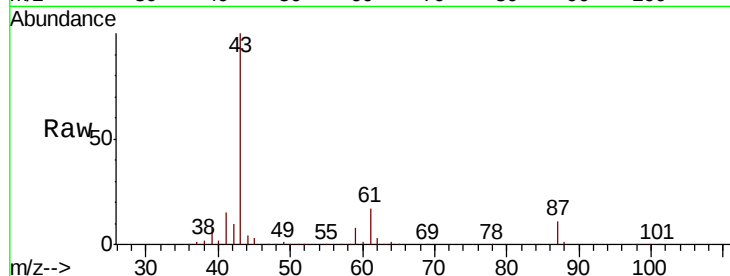
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 388324

Ion	Ratio	Lower	Upper
43	100		
61	23.3	14.2	21.4#
87	11.6	9.0	13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063836.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN063836.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN063836.D (-2103) (-)

8.13

250000

200000

150000

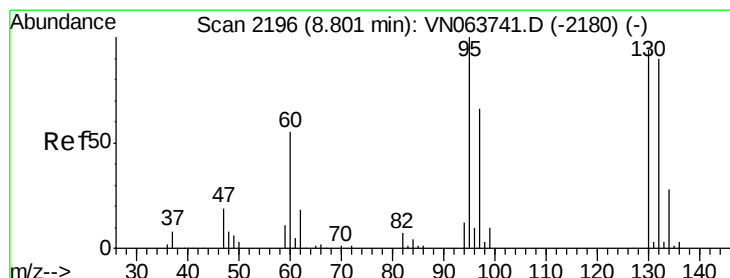
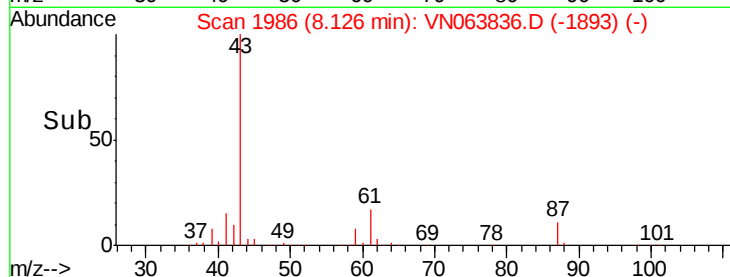
100000

50000

0

8.05 8.10 8.15 8.20

Time-->



#44

Trichloroethene

Concen: 48.009 ug/l

RT: 8.80 min Scan# 2196

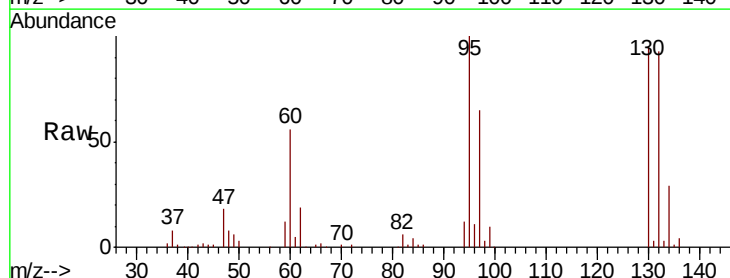
Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Tgt Ion: 130 Resp: 153308

Ion	Ratio	Lower	Upper
130	100		
95	104.7	0.0	213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063836.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063836.D (-2103) (-)

8.80

80000

60000

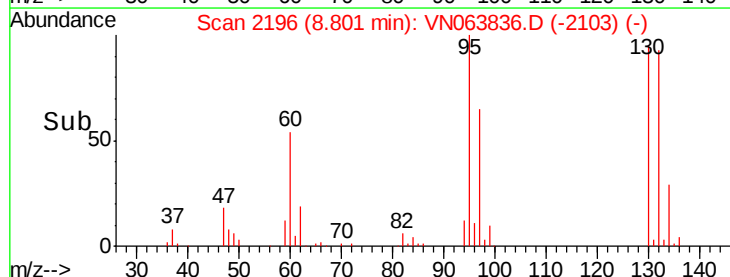
40000

20000

0

8.70 8.75 8.80 8.85 8.90

Time-->

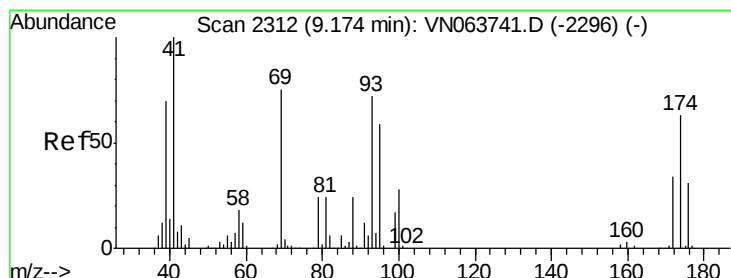
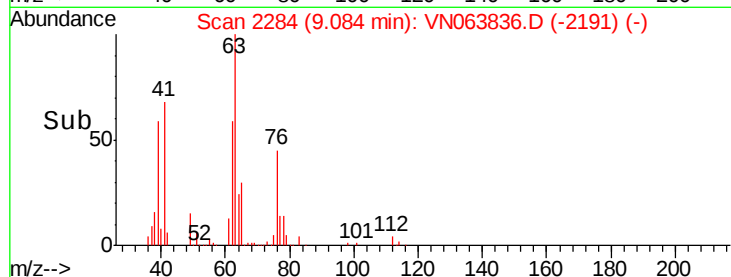
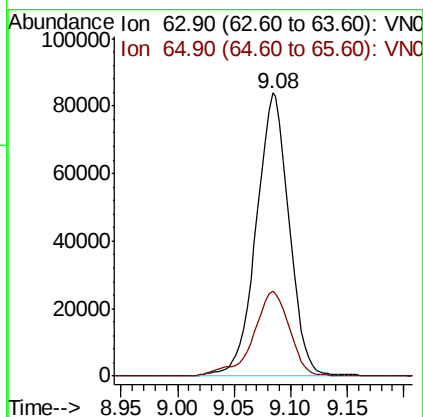
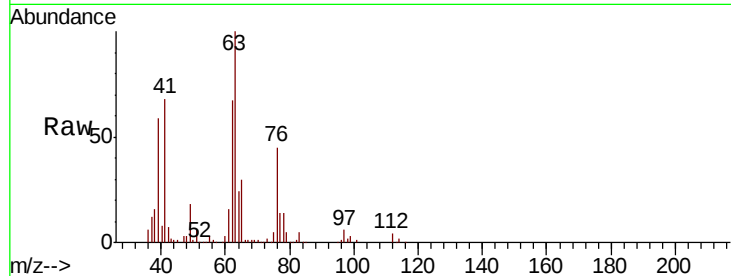




#45
 1,2-Dichloropropane
 Concen: 51.347 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

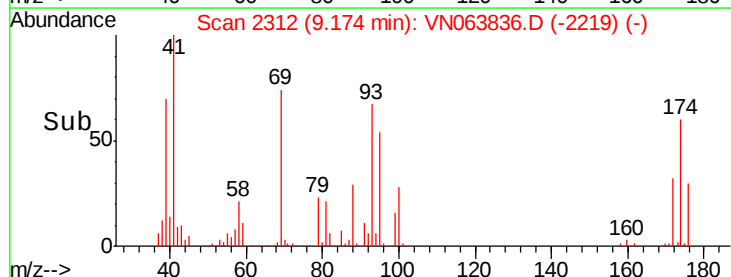
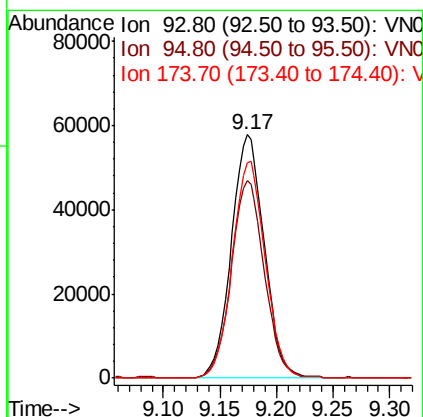
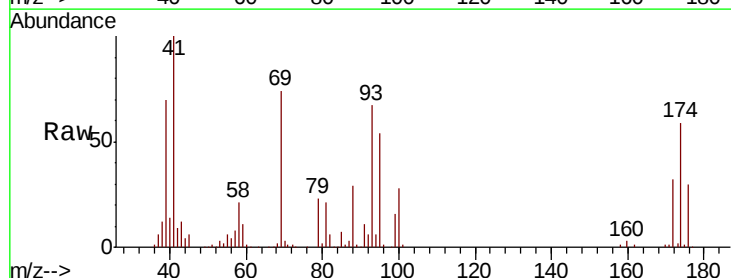
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 169008
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.7 37.1



#46
 Dibromomethane
 Concen: 51.571 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion: 93 Resp: 117098
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.3 99.5
 174 89.4 72.7 109.1





#47

Bromodichloromethane

Concen: 52.904 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

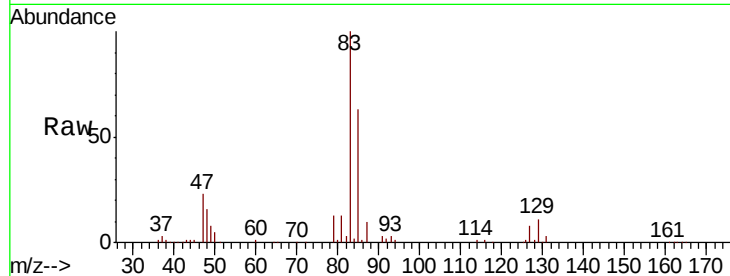
Tot Ion: 83 Resp: 247572

Ion Ratio Lower Upper

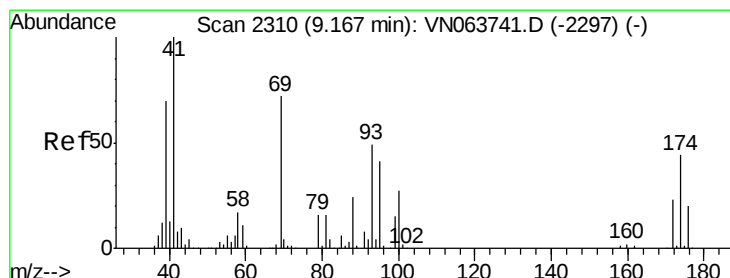
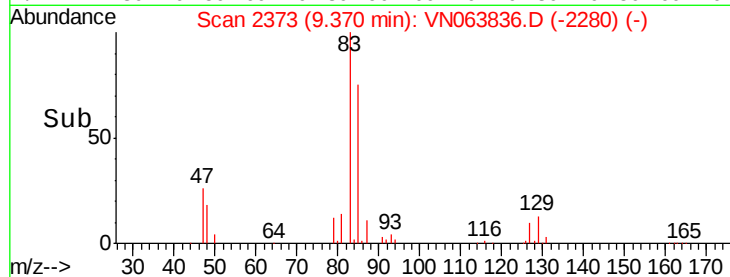
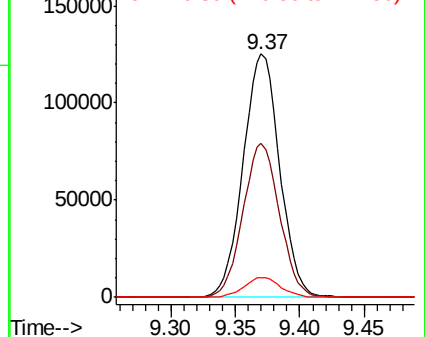
83 100

85 63.1 50.6 75.8

127 8.3 6.6 9.8



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



#48

Methyl methacrylate

Concen: 57.725 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

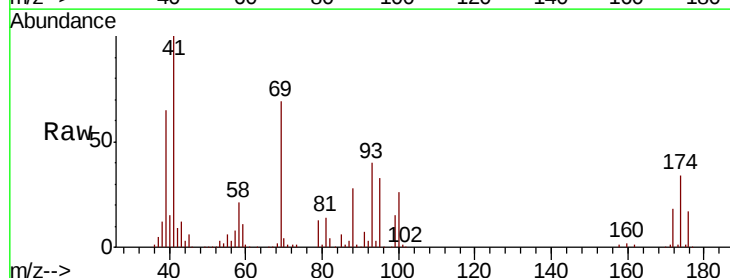
Tgt Ion: 41 Resp: 199425

Ion Ratio Lower Upper

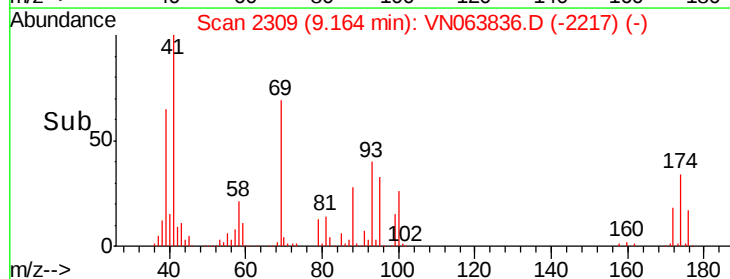
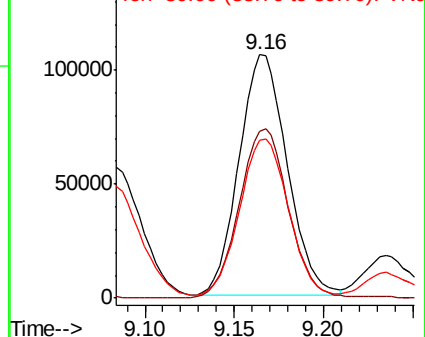
41 100

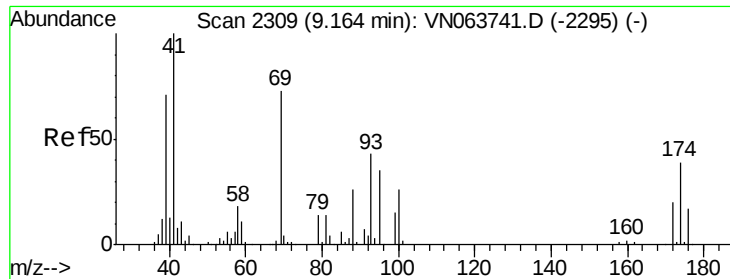
69 72.2 60.9 91.3

39 67.7 57.5 86.3



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





#49

1,4-Dioxane

Concen: 1272.552 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

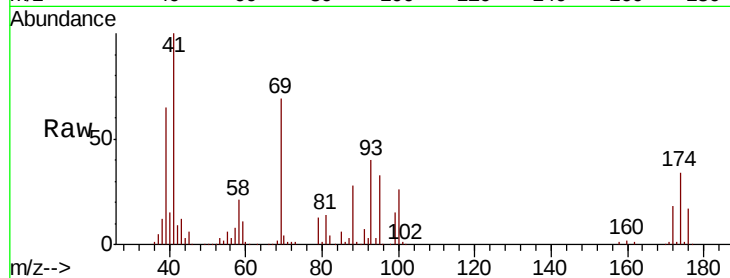
Tot Ion: 88 Resp: 62482

Ion Ratio Lower Upper

88 100

43 38.4 33.1 49.7

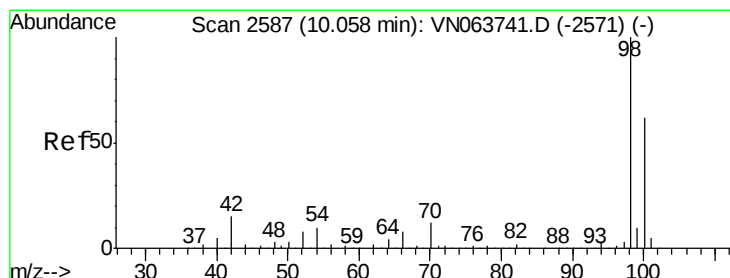
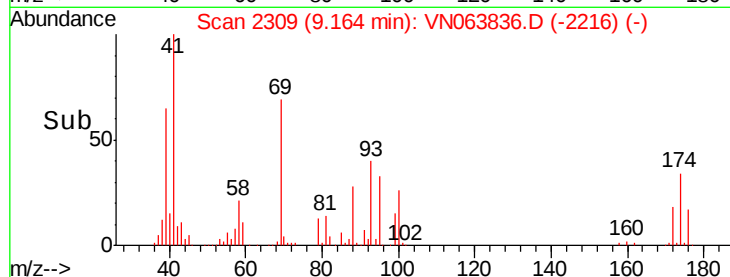
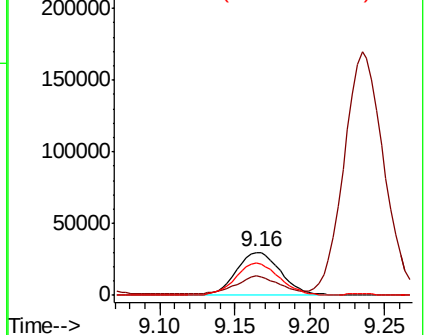
58 74.5 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063836.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN063836.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN063836.D (-2216) (-)



#50

Toluene-d8

Concen: 48.996 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063836.D

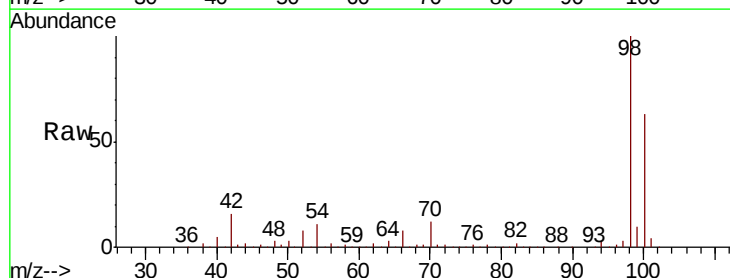
Acq: 2 Oct 2020 21:08

Tgt Ion: 98 Resp: 542815

Ion Ratio Lower Upper

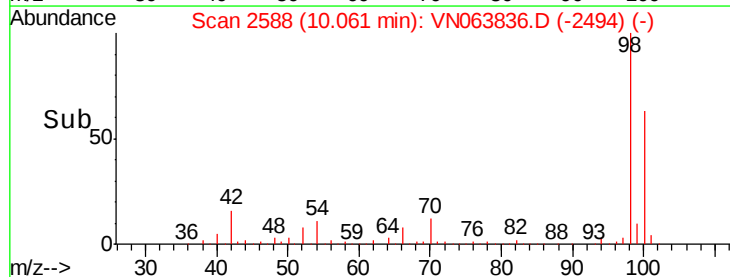
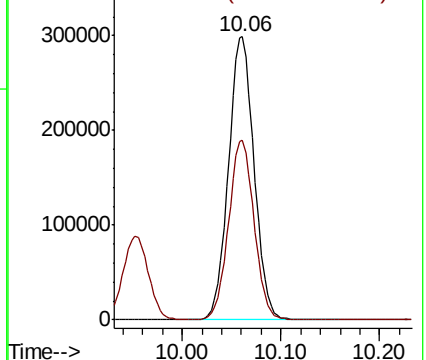
98 100

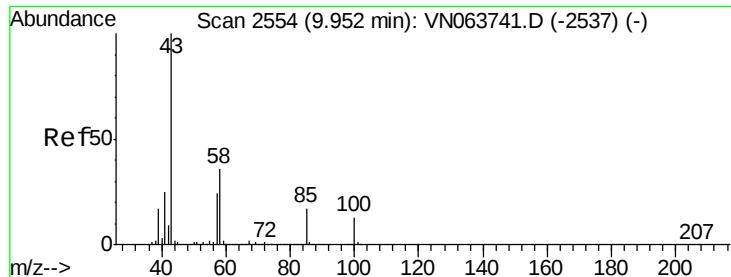
100 62.9 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063836.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063836.D (-2494) (-)

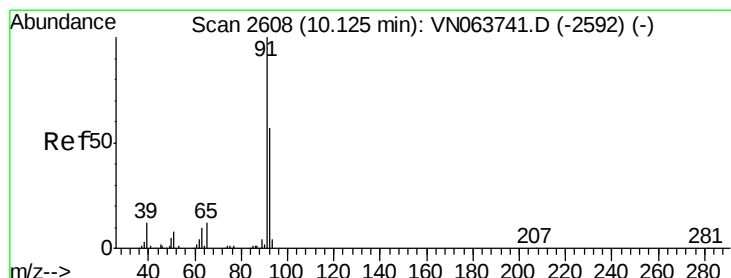
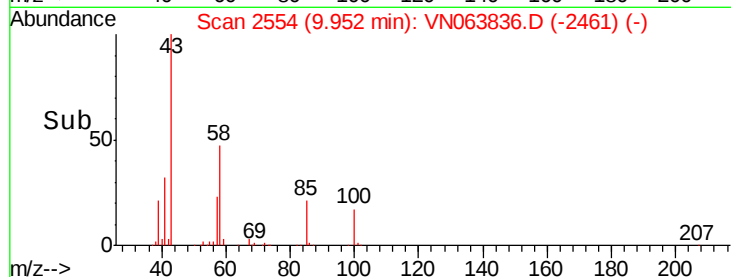
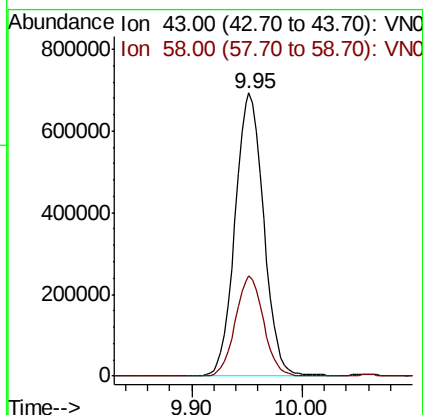
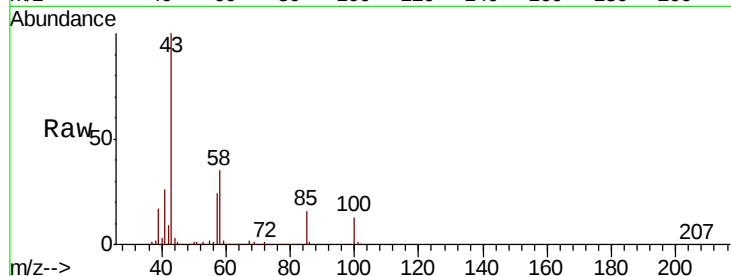




#51
 4-Methyl-2-Pentanone
 Concen: 301.700 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

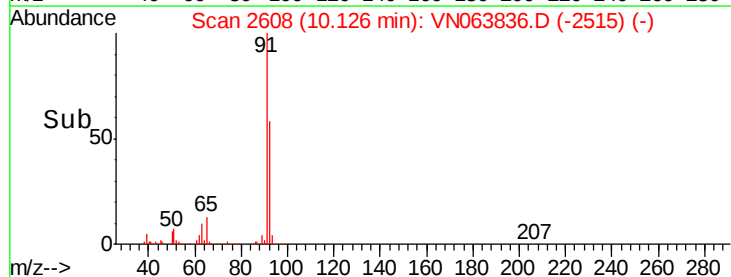
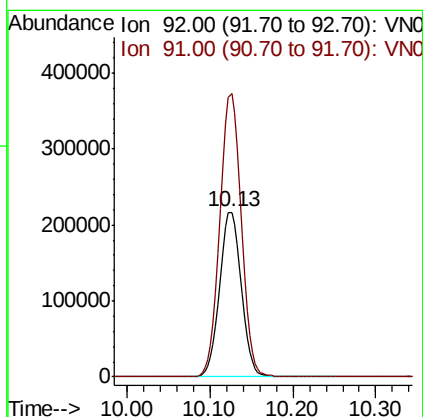
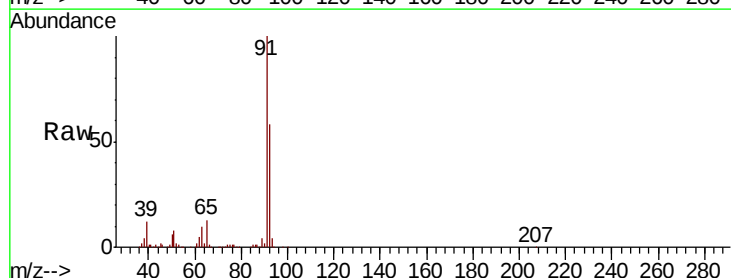
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

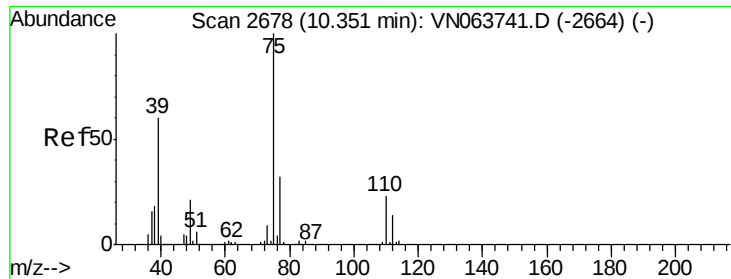
Tot Ion: 43 Resp: 1238039
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.4 42.6



#52
 Toluene
 Concen: 51.801 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion: 92 Resp: 390497
 Ion Ratio Lower Upper
 92 100
 91 170.3 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 51.790 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

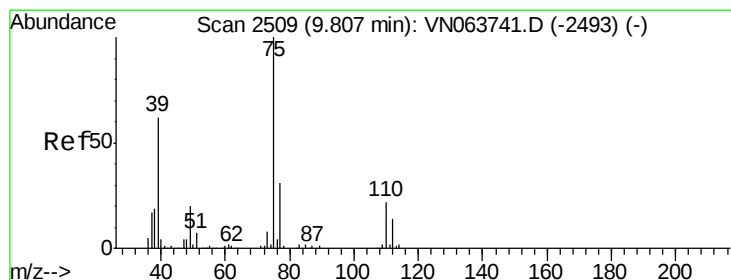
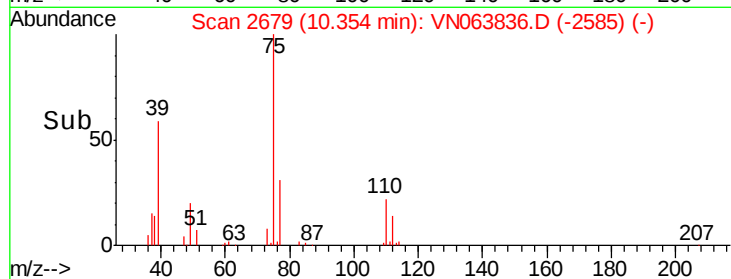
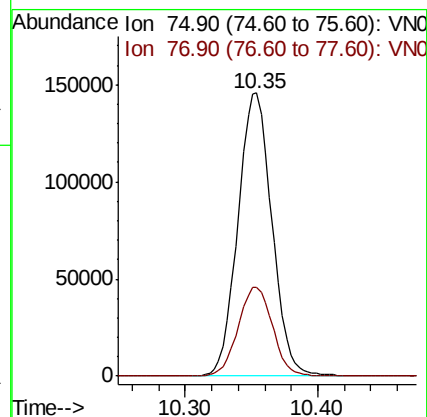
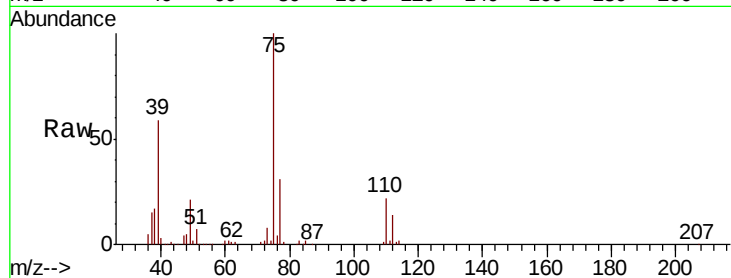
VSTDCCC050EC

Tot Ion: 75 Resp: 259794

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 50.951 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

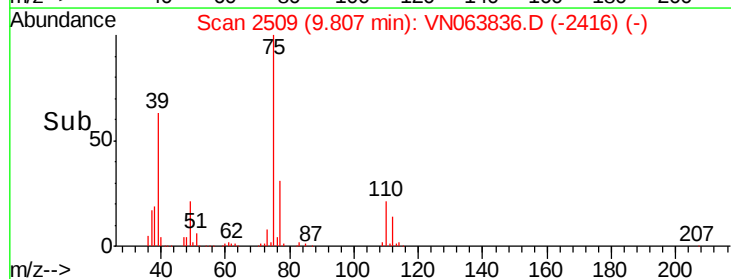
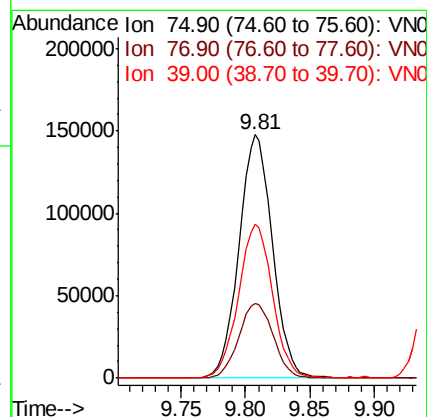
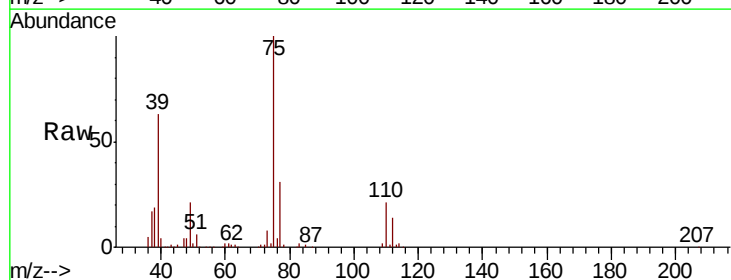
Tgt Ion: 75 Resp: 267294

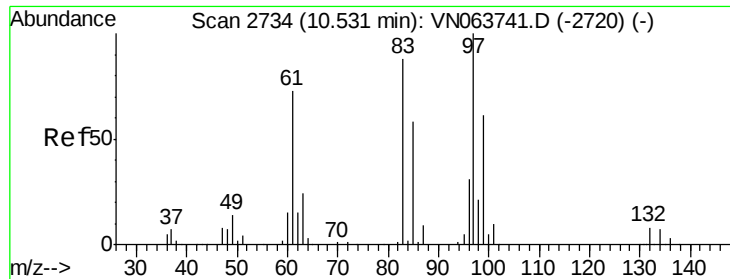
Ion Ratio Lower Upper

75 100

77 30.8 24.6 36.8

39 63.2 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 52.282 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 158057

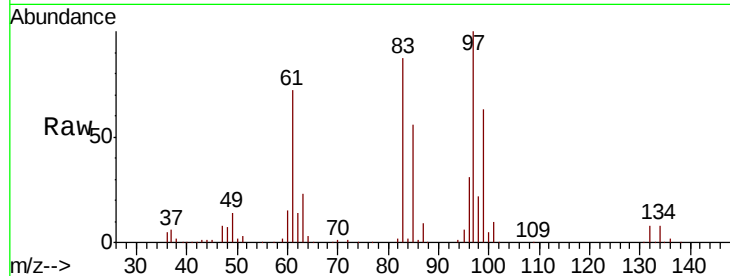
Ion Ratio Lower Upper

97 100

83 86.5 70.7 106.1

85 55.8 46.1 69.1

99 62.6 48.8 73.2



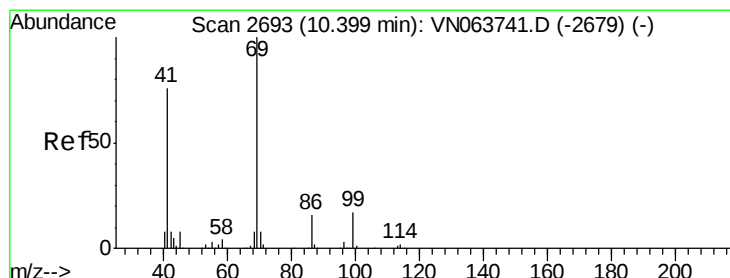
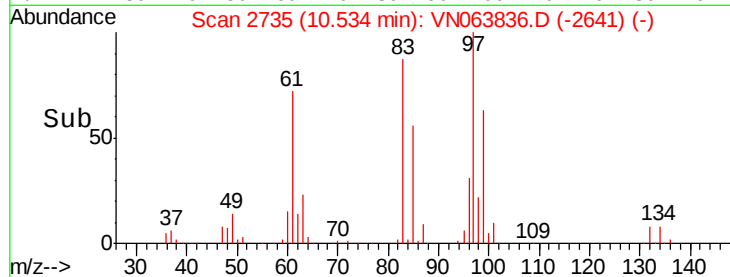
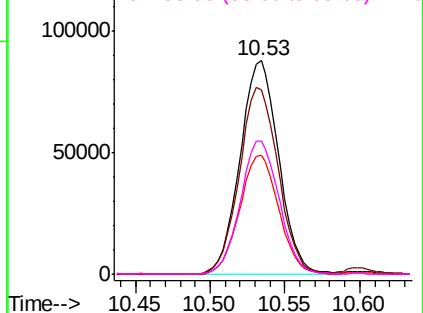
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 55.960 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

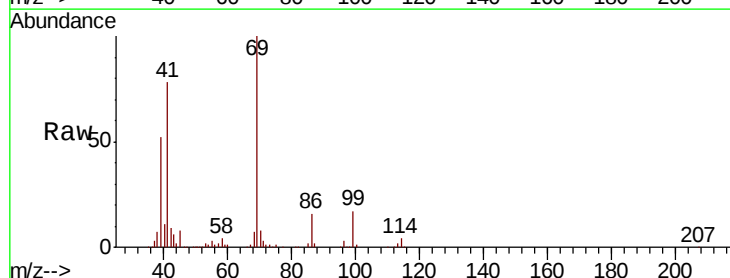
Tgt Ion: 69 Resp: 239799

Ion Ratio Lower Upper

69 100

41 78.5 61.1 91.7

39 52.4 42.2 63.4

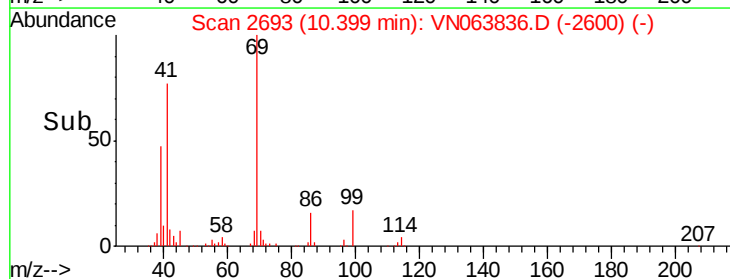
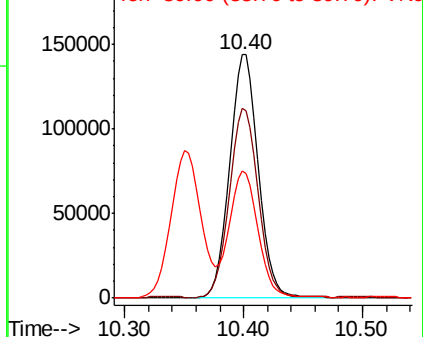


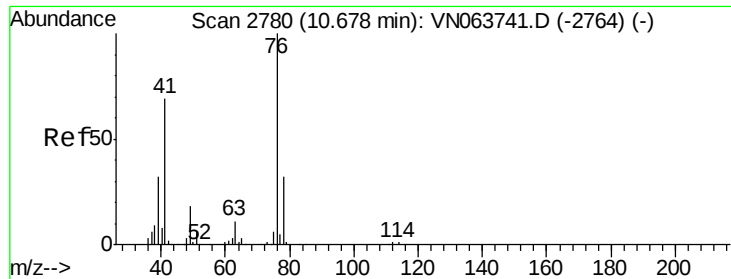
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

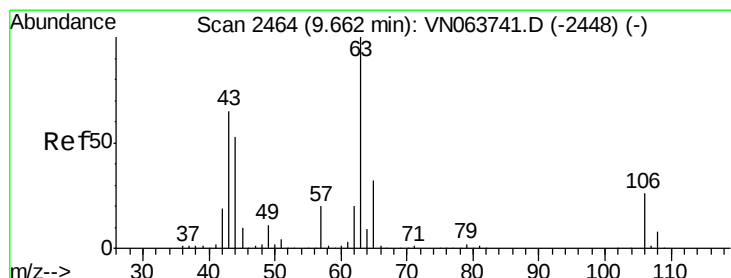
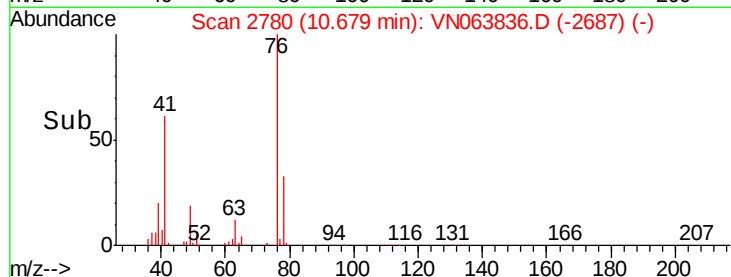
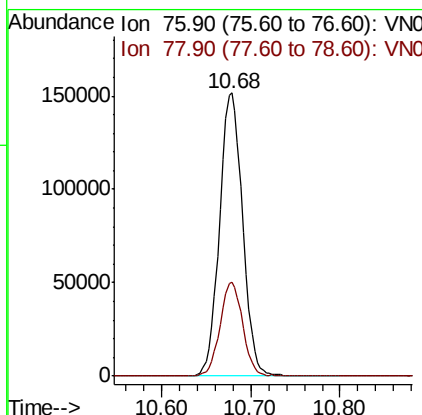
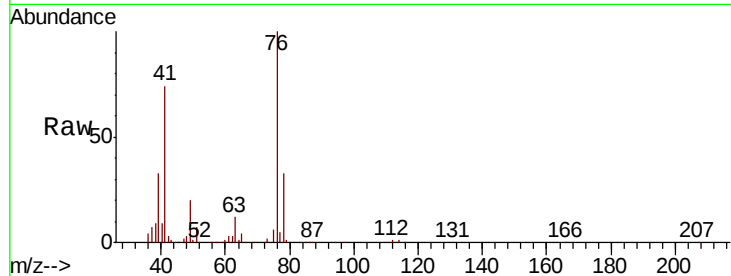




#57
 1,3-Dichloropropane
 Concen: 53.027 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

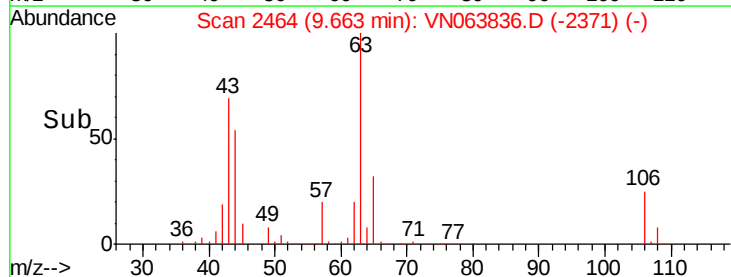
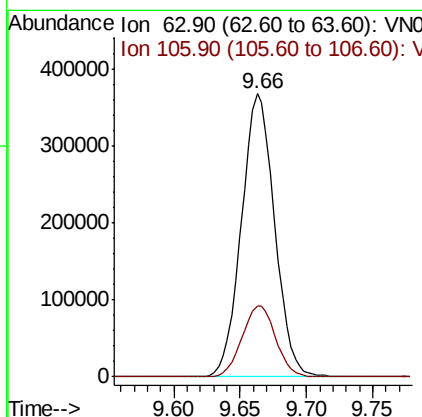
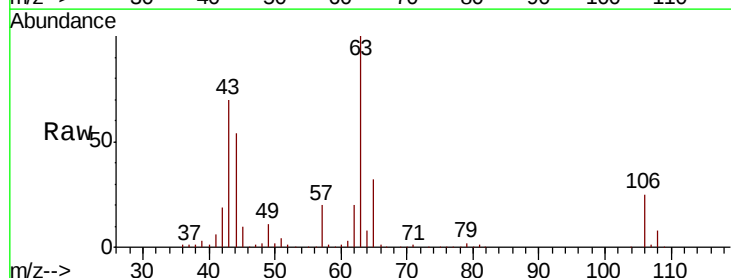
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

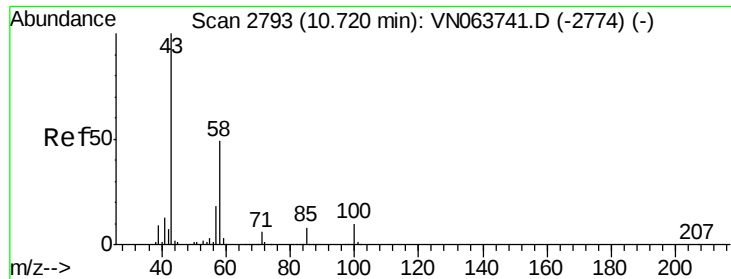
Tot Ion: 76 Resp: 271218
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 278.781 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion: 63 Resp: 639025
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.7 31.1

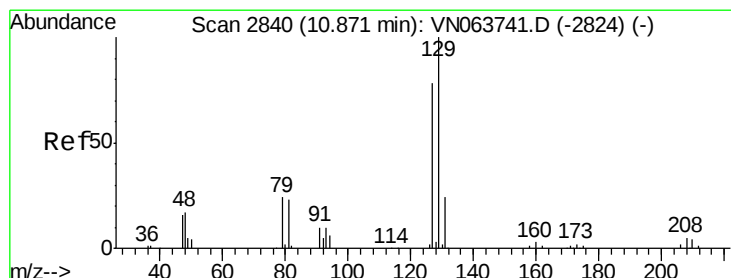
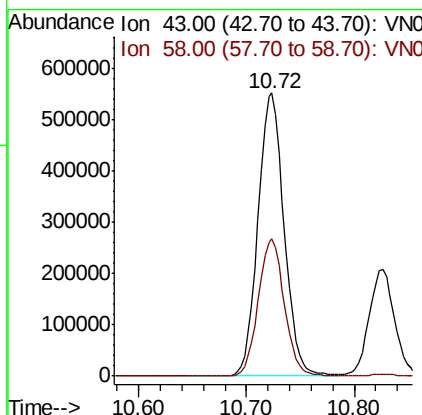
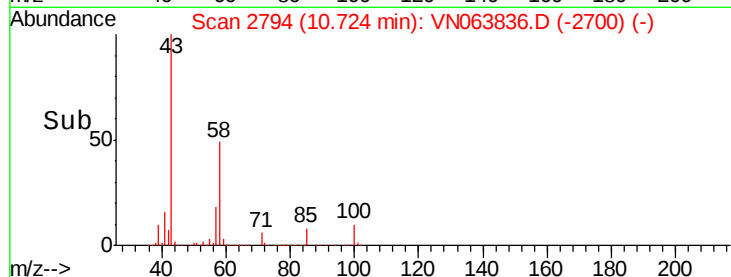
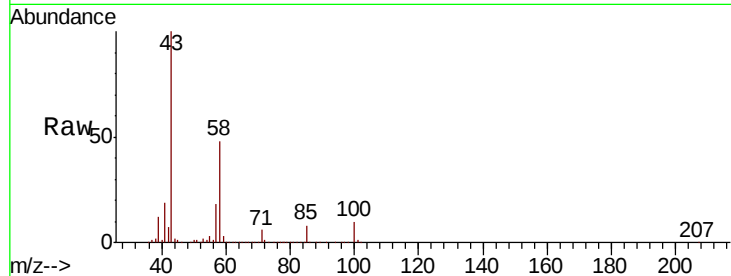




#59
2-Hexanone
Concen: 302.819 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

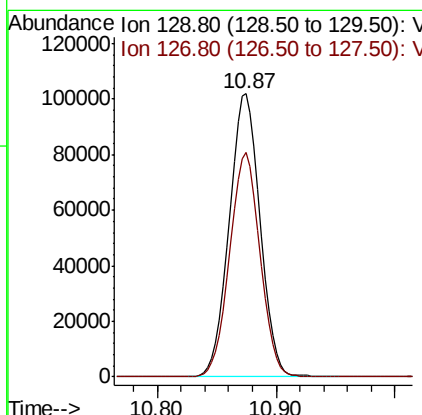
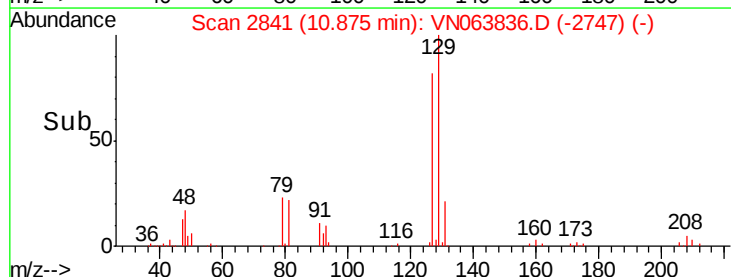
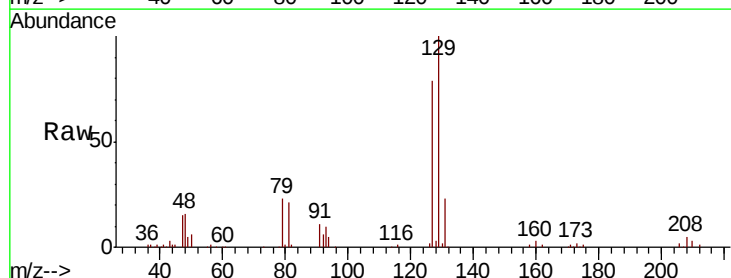
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

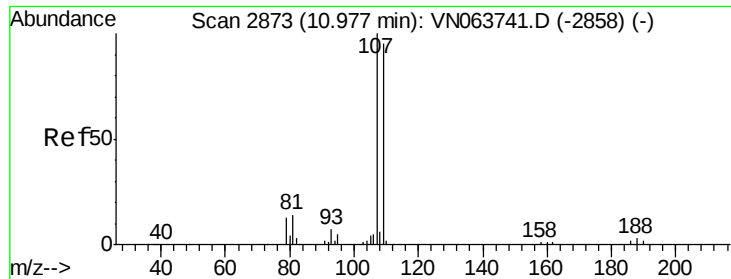
Tot Ion: 43 Resp: 923105
Ion Ratio Lower Upper
43 100
58 48.5 24.6 73.8



#60
Dibromochloromethane
Concen: 52.003 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion: 129 Resp: 183089
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7

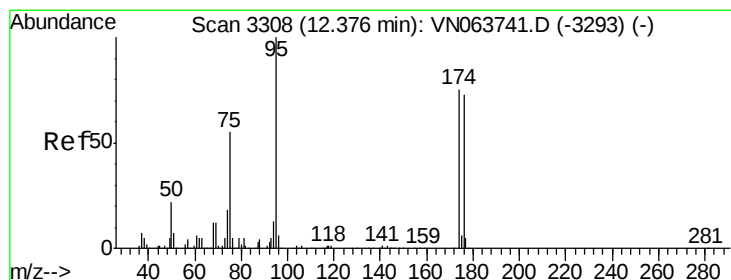
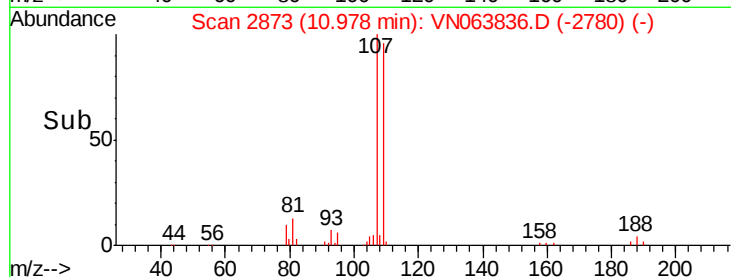
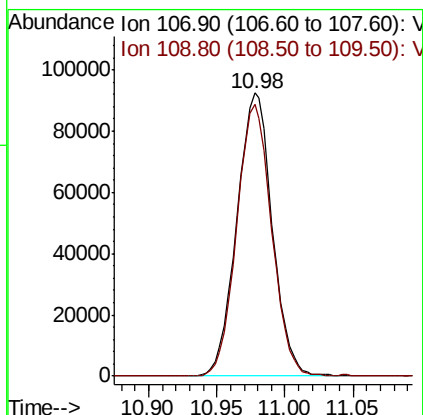
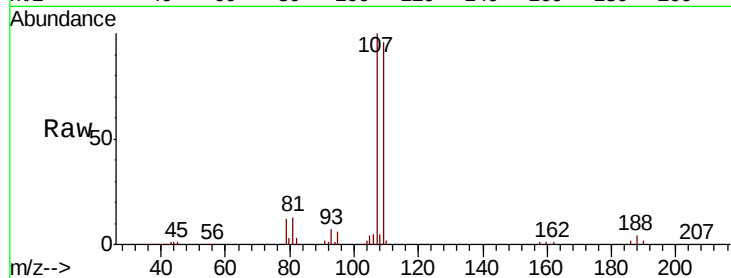




#61
 1,2-Dibromoethane
 Concen: 53.866 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

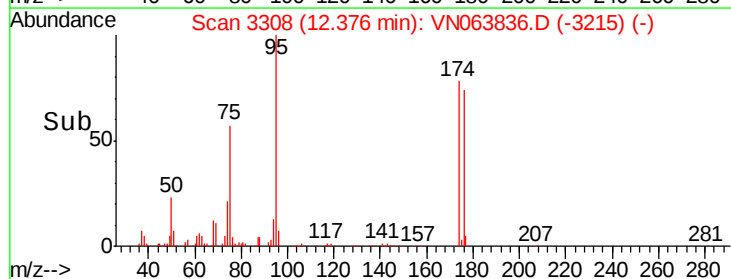
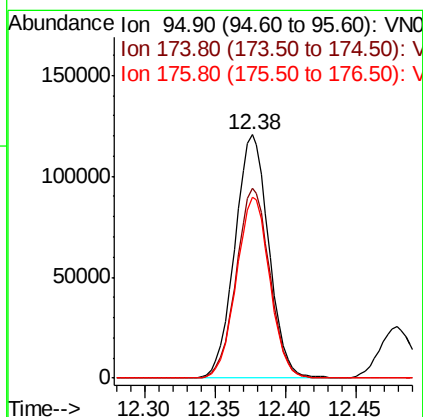
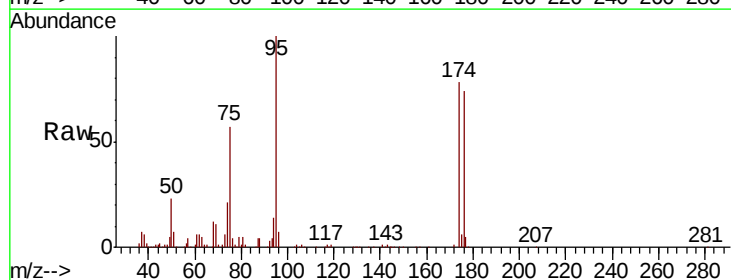
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

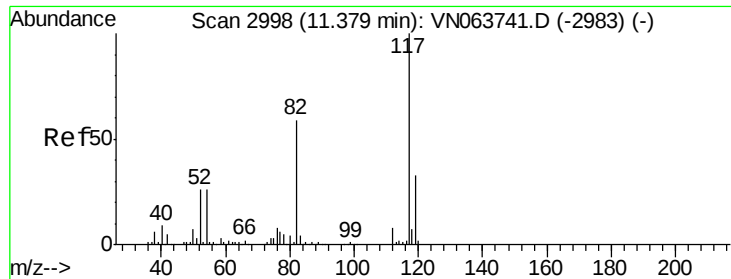
Tot Ion:107 Resp: 166579
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.906 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion: 95 Resp: 203675
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 150.6
 176 73.2 0.0 145.4

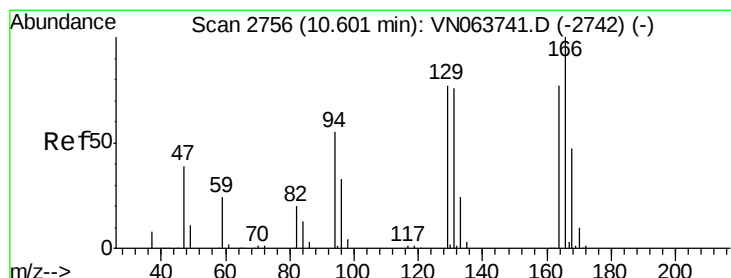
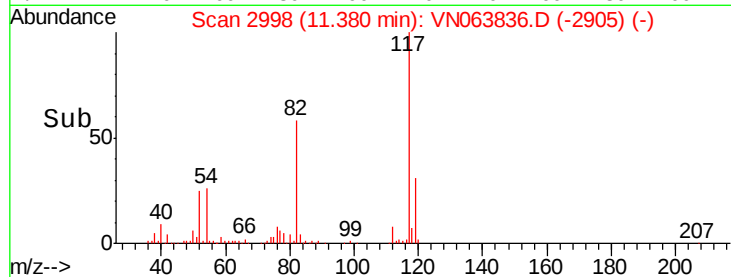
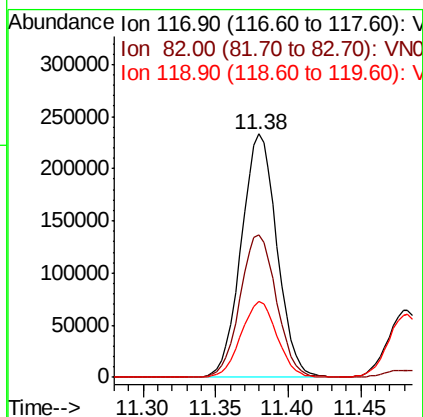
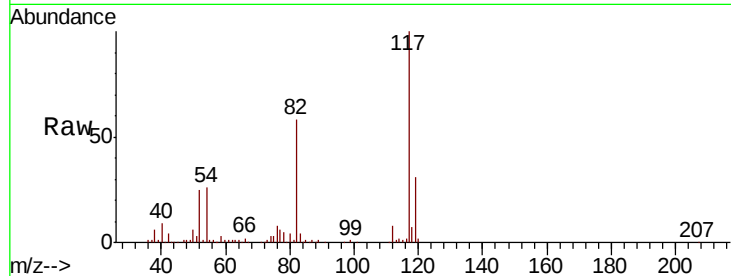




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

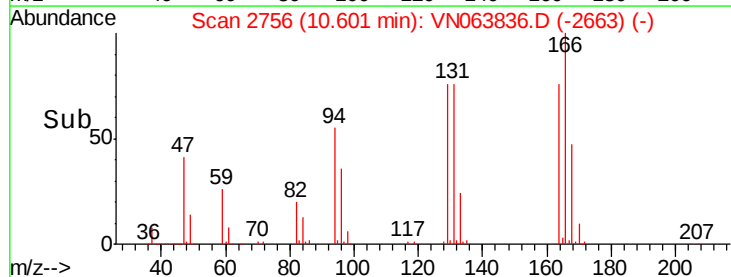
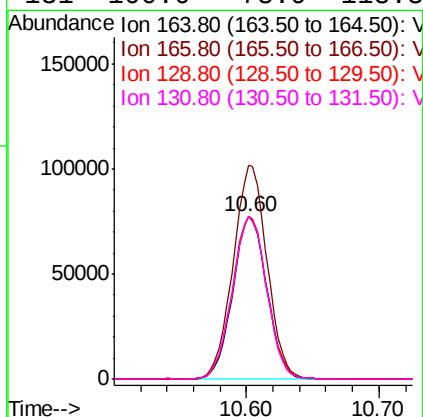
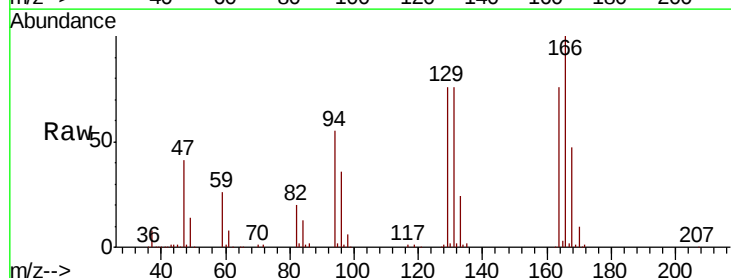
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

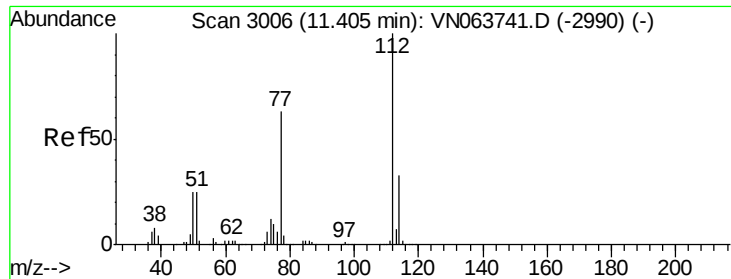
Tot Ion:117 Resp: 399508
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.0 26.4 39.6



#64
Tetrachloroethene
Concen: 44.573 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion:164 Resp: 137769
Ion Ratio Lower Upper
164 100
166 131.8 103.9 155.9
129 100.7 80.3 120.5
131 100.0 78.9 118.3

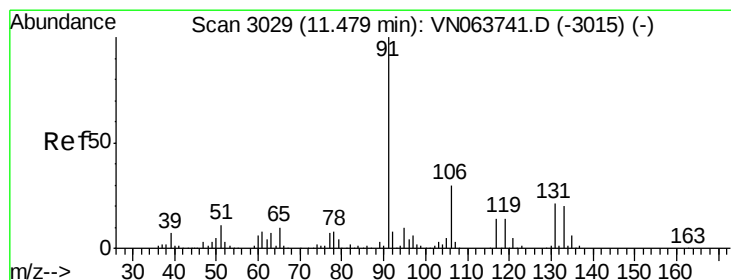
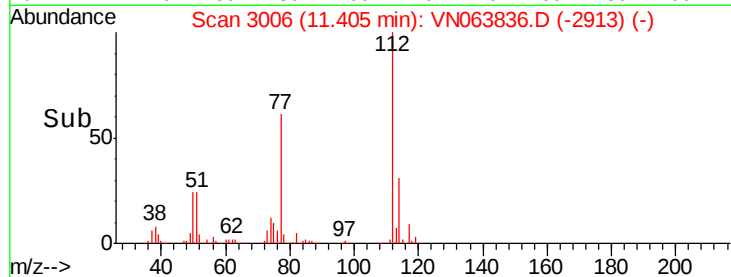
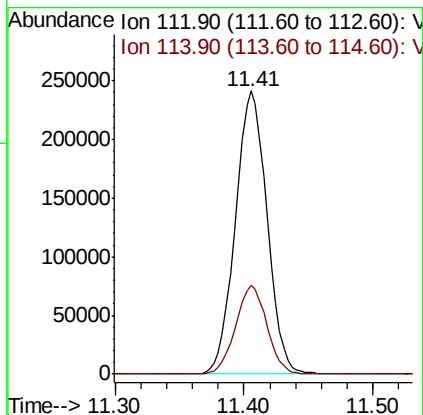
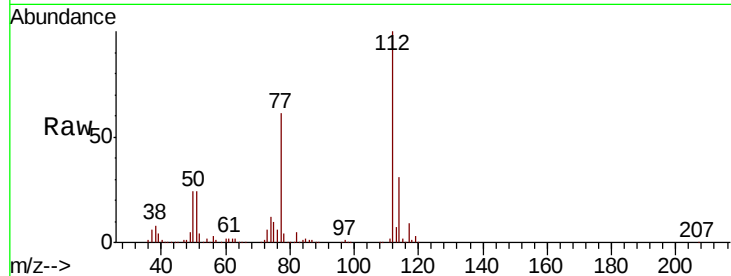




#65
Chlorobenzene
Concen: 50.271 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

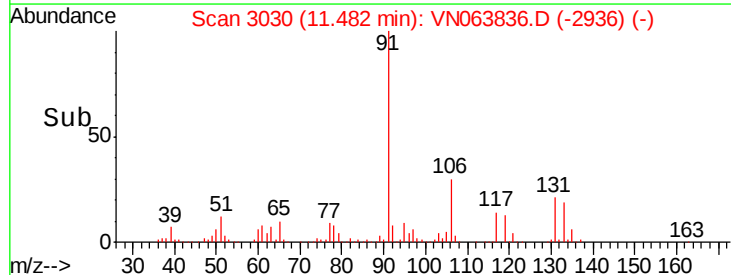
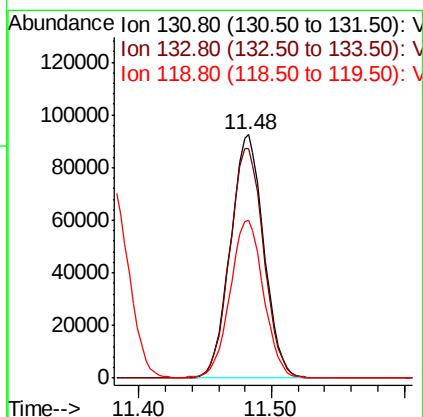
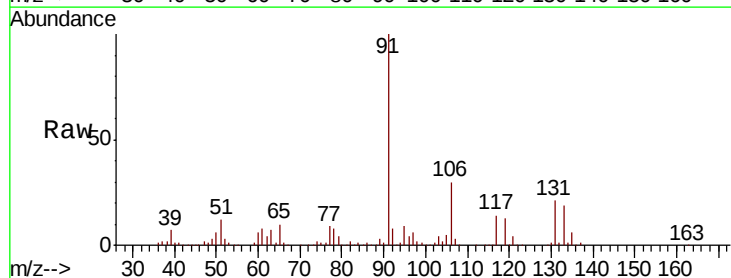
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

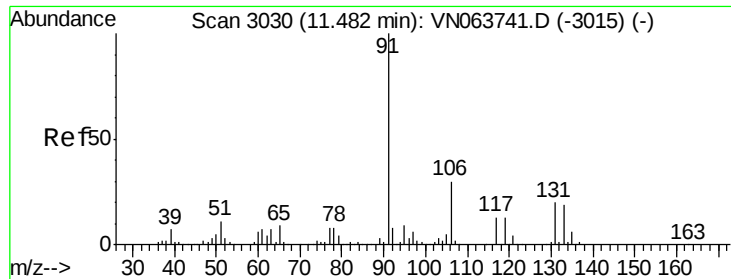
Tot Ion:112 Resp: 411977
Ion Ratio Lower Upper
112 100
114 31.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.367 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion:131 Resp: 161384
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.8
119 65.2 32.6 97.7

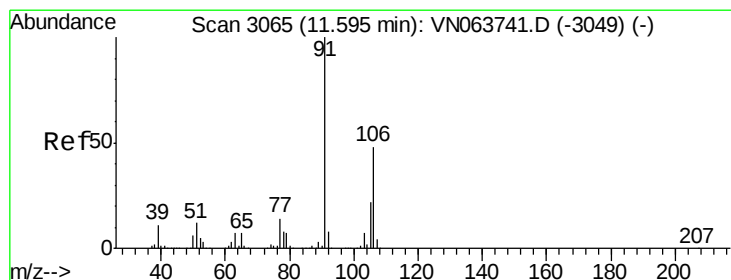
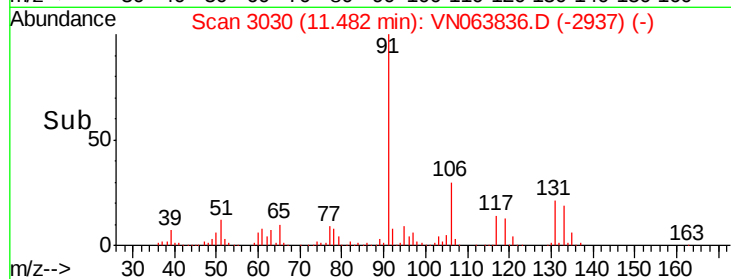
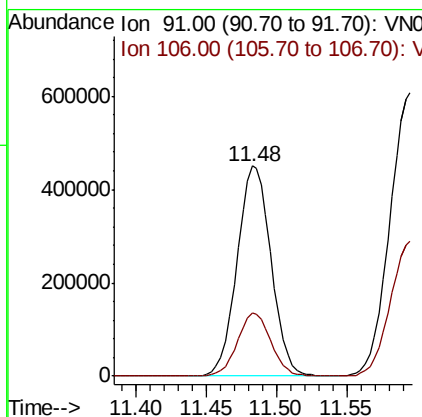
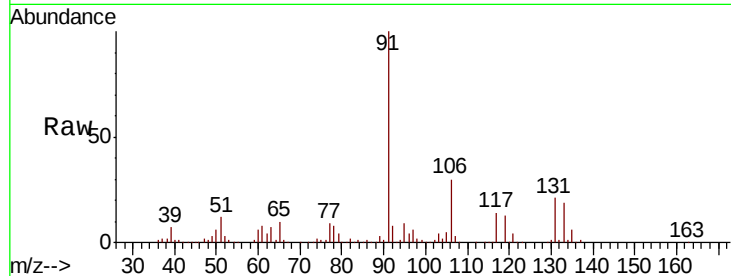




#67
Ethyl Benzene
Concen: 50.939 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

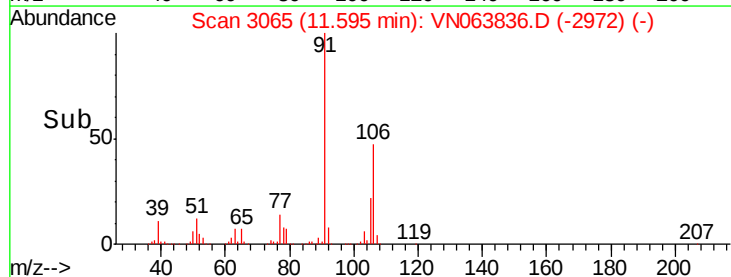
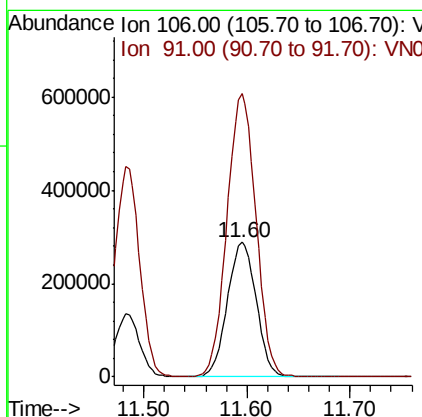
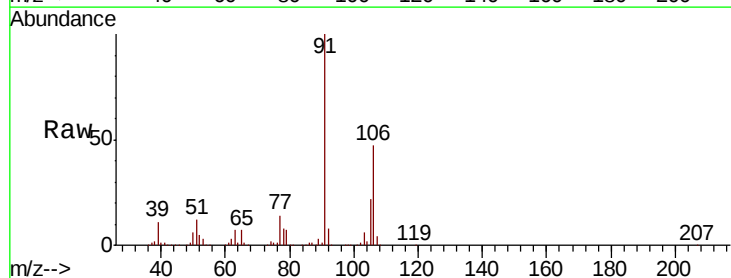
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

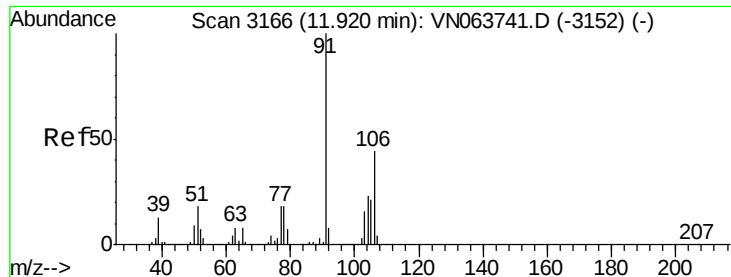
Tot Ion: 91 Resp: 759613
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.2



#68
m/p-Xylenes
Concen: 101.196 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion: 106 Resp: 562422
Ion Ratio Lower Upper
106 100
91 211.3 168.0 252.0

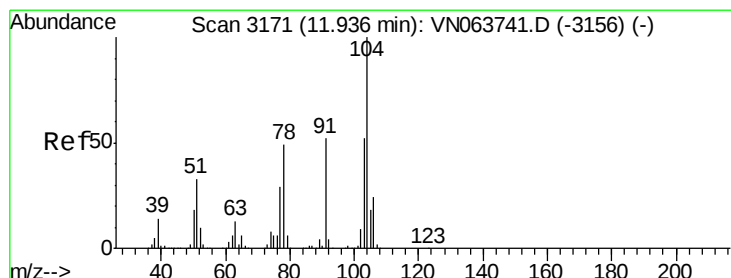
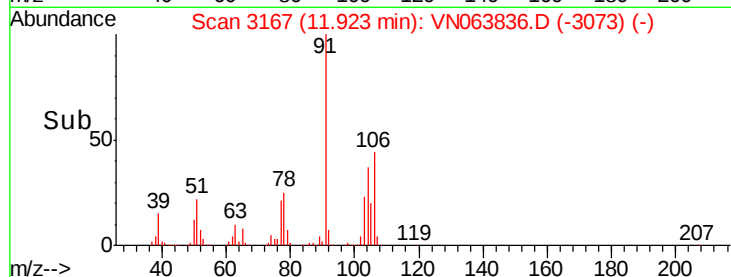
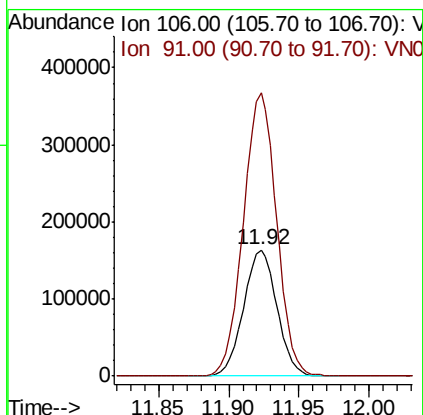
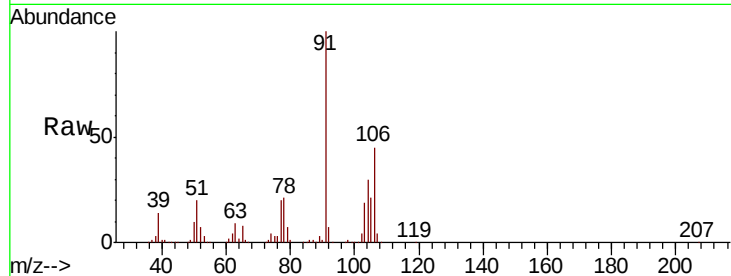




#69
o-Xylene
Concen: 52.262 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

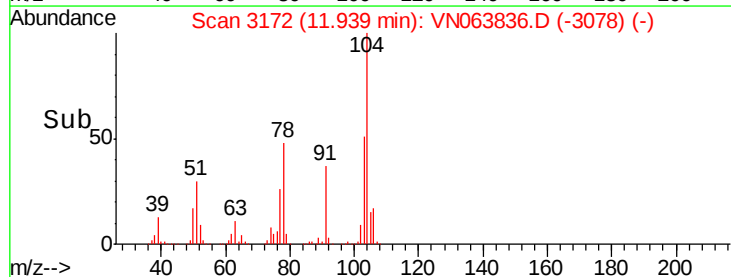
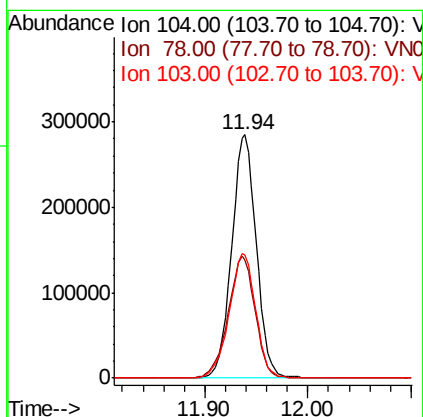
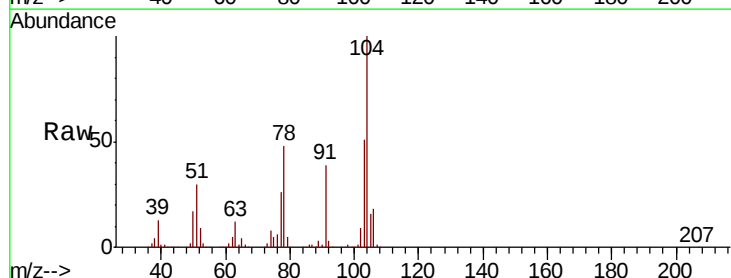
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 271483
Ion Ratio Lower Upper
106 100
91 223.9 112.7 338.0



#70
Styrene
Concen: 53.901 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion:104 Resp: 475289
Ion Ratio Lower Upper
104 100
78 54.7 44.1 66.1
103 55.0 44.3 66.5

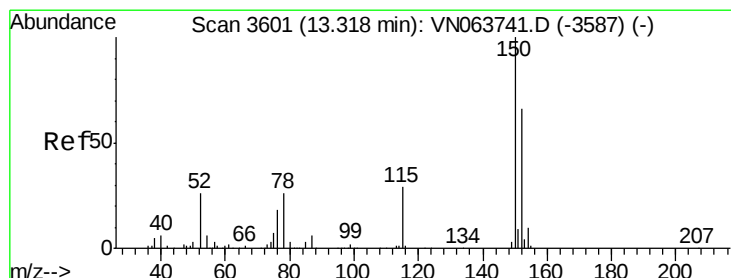
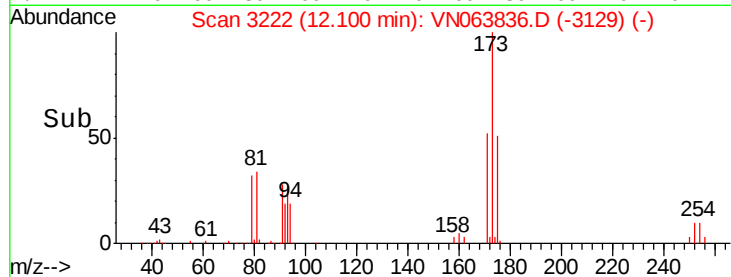
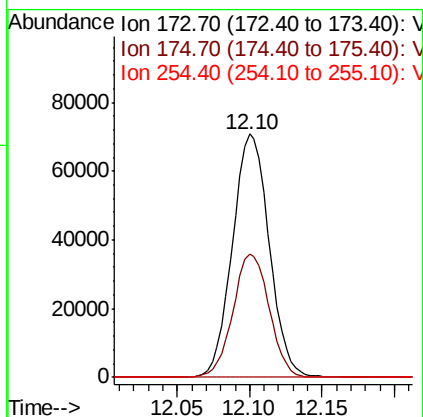
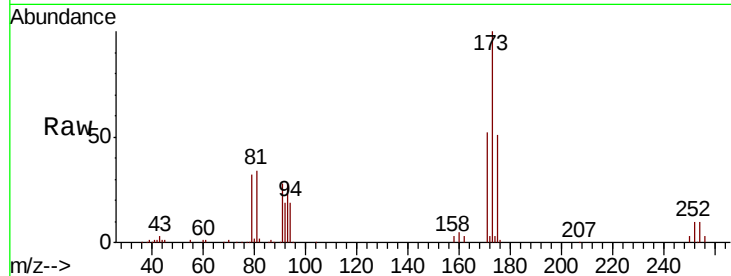




#71
Bromoform
Concen: 51.907 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

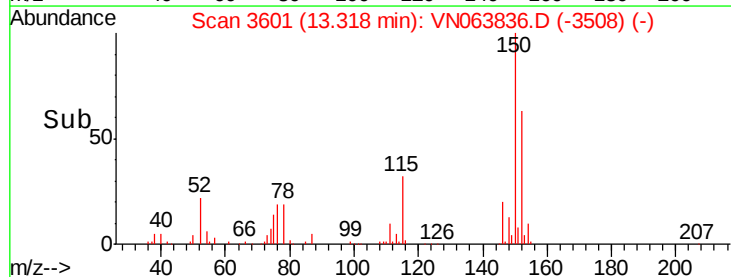
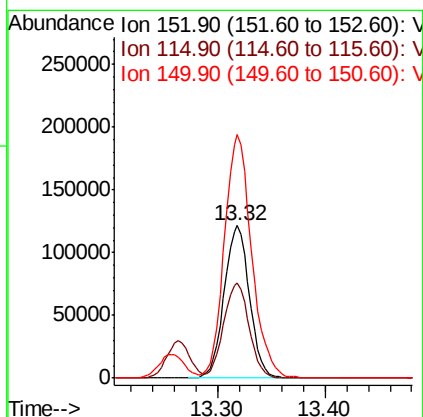
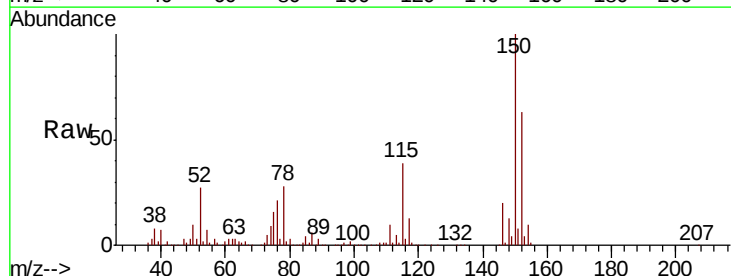
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

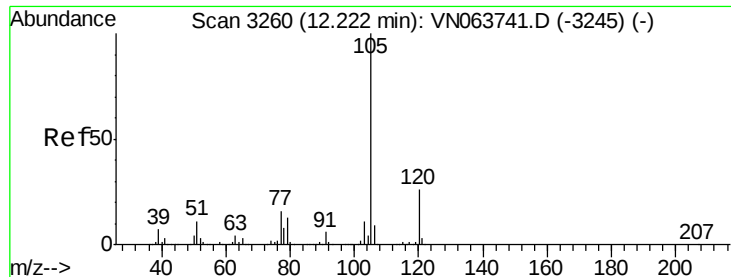
Tot Ion:173 Resp: 124726
Ion Ratio Lower Upper
173 100
175 50.1 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion:152 Resp: 198200
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.8
150 171.4 0.0 341.8

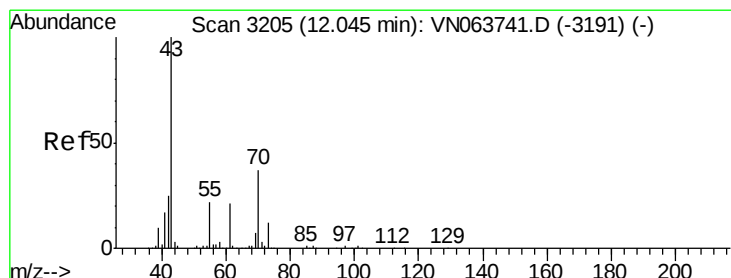
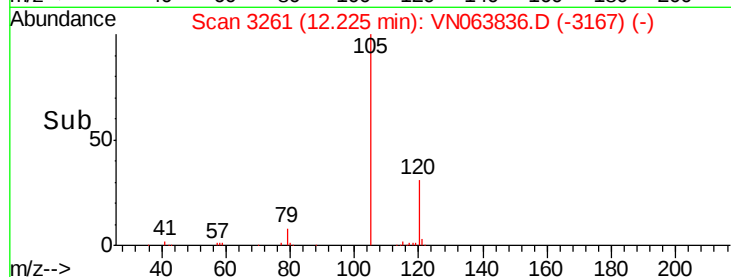
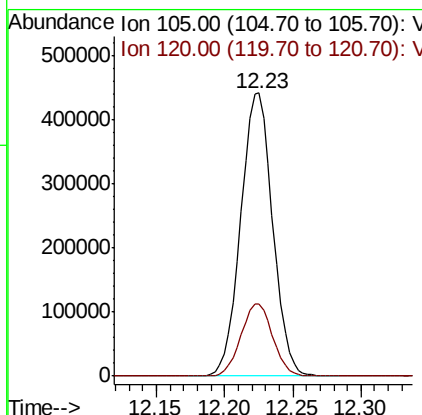
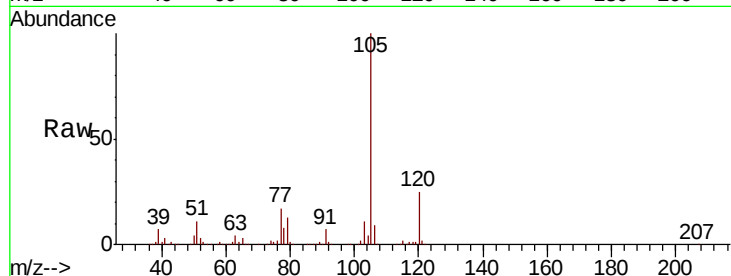




#73
Isopropylbenzene
Concen: 49.617 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

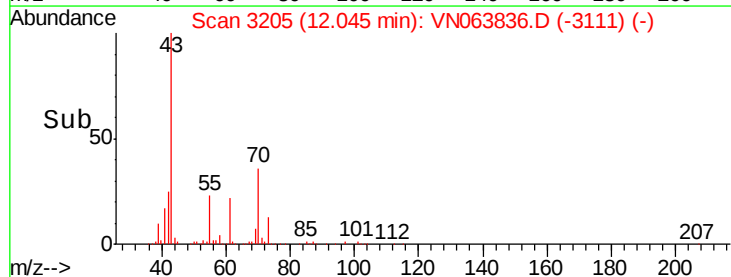
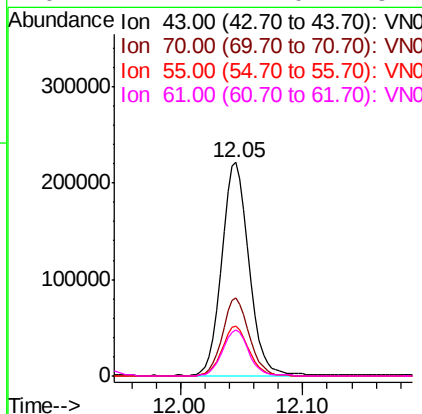
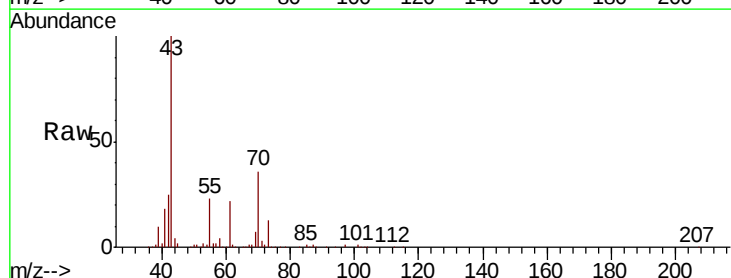
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

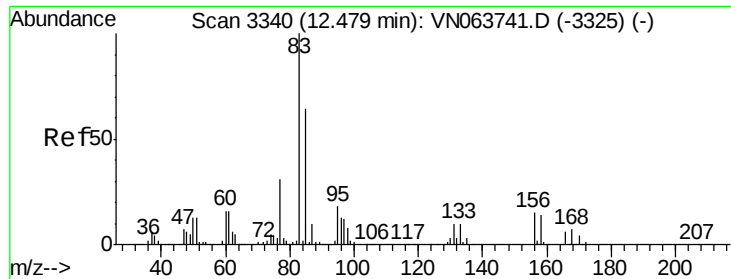
Tot Ion:105 Resp: 717297
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8



#74
N-ethyl acetate
Concen: 51.606 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion: 43 Resp: 347253
Ion Ratio Lower Upper
43 100
70 35.8 29.8 44.8
55 23.2 17.9 26.9
61 21.4 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.267 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

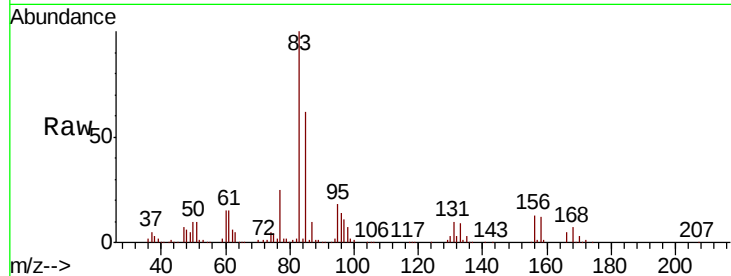
Tot Ion: 83 Resp: 239898

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

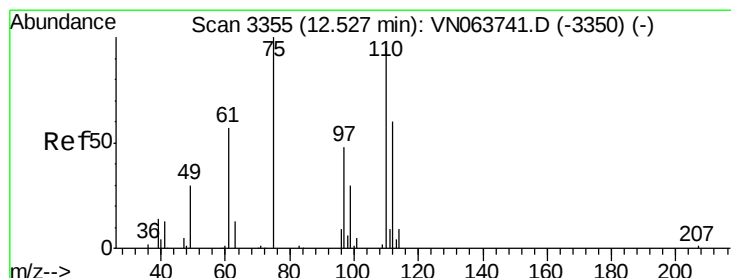
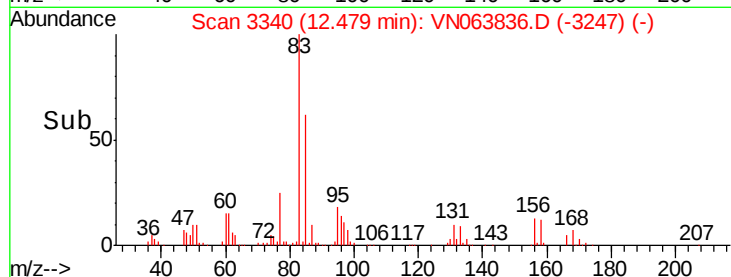
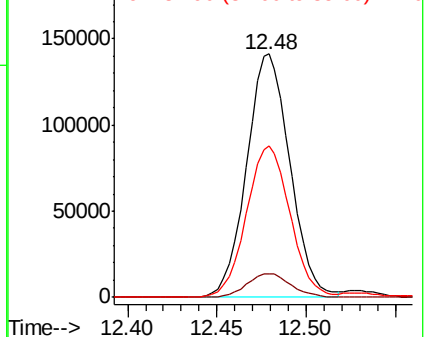
85 62.8 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063836.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063836.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063836.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 74.548 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063836.D

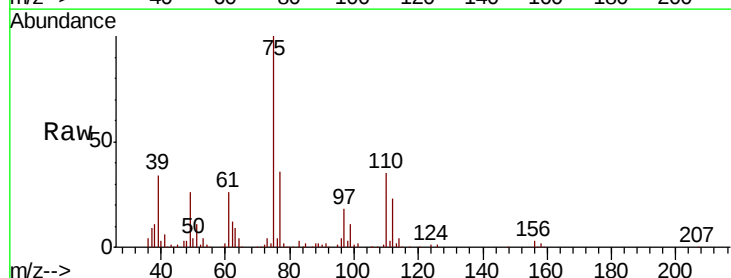
Acq: 2 Oct 2020 21:08

Tgt Ion: 75 Resp: 325706

Ion Ratio Lower Upper

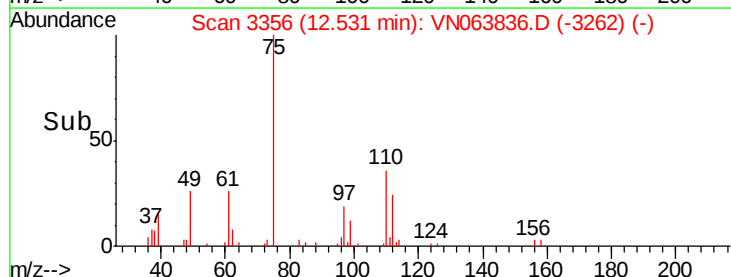
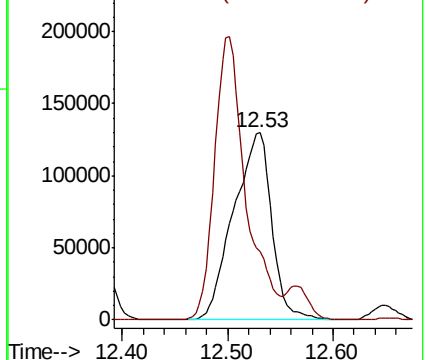
75 100

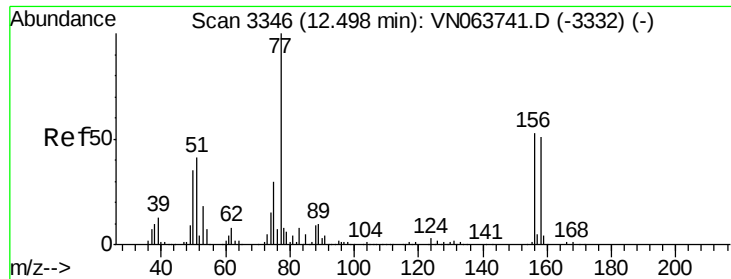
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063836.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063836.D (-3262) (-)





#77

Bromobenzene

Concen: 50.786 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

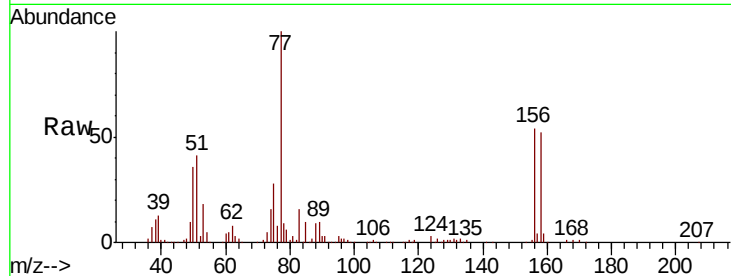
Tot Ion:156 Resp: 180152

Ion Ratio Lower Upper

156 100

77 224.2 110.9 332.7

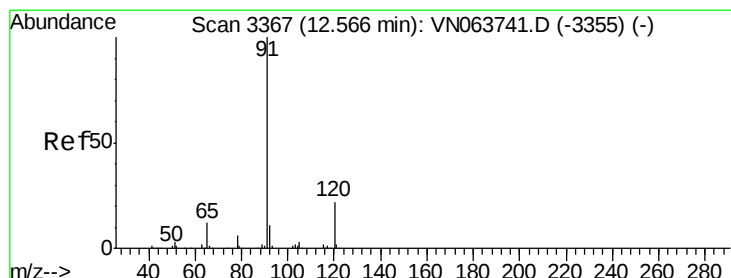
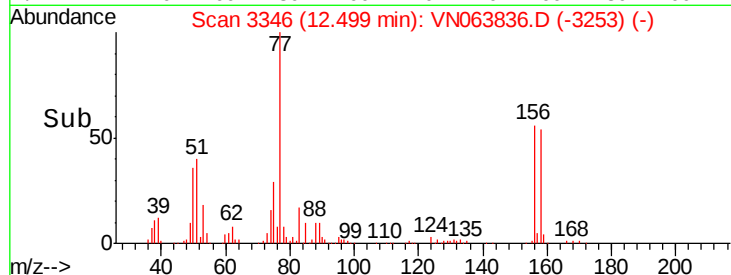
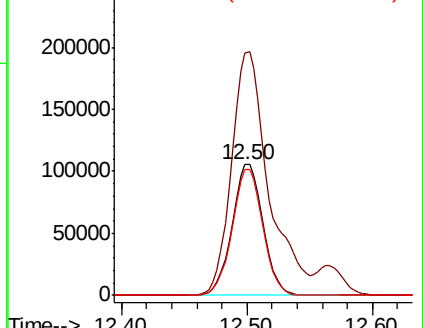
158 95.4 47.7 143.1



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: 49.203 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063836.D

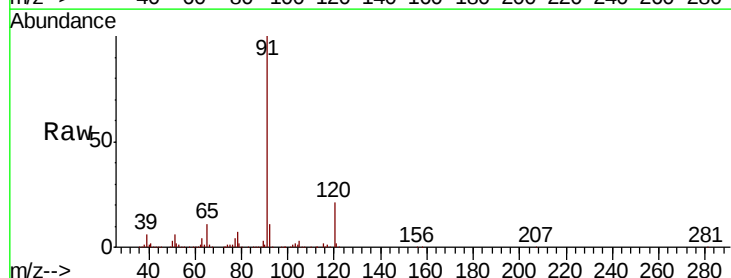
Acq: 2 Oct 2020 21:08

Tgt Ion: 91 Resp: 827822

Ion Ratio Lower Upper

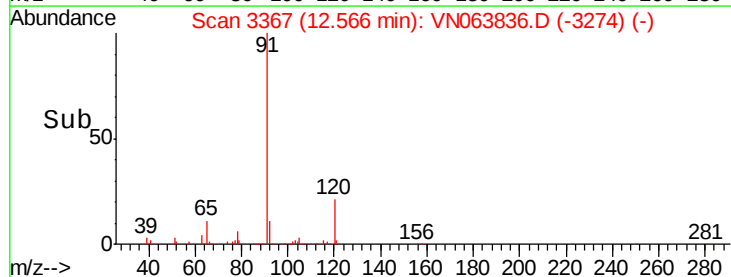
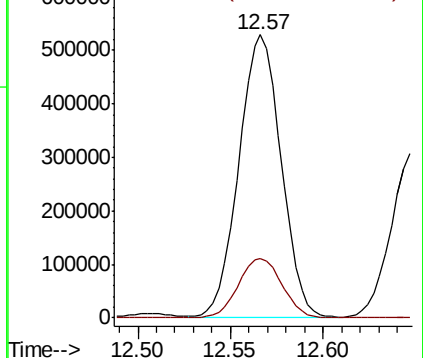
91 100

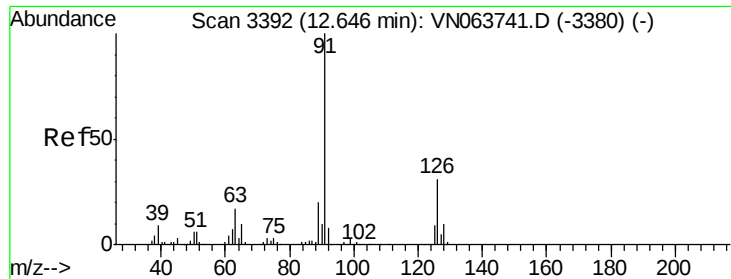
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

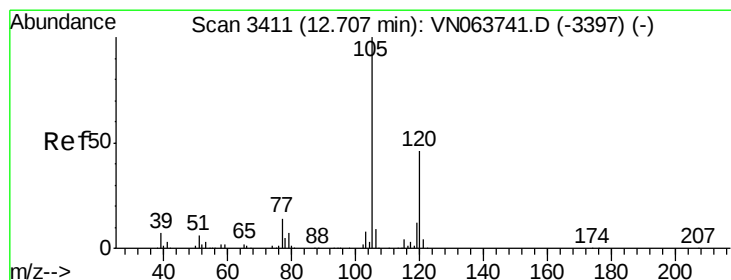
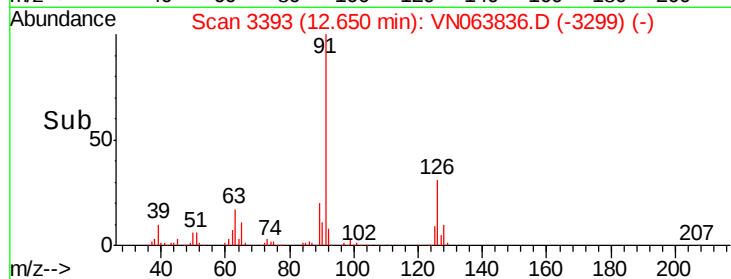
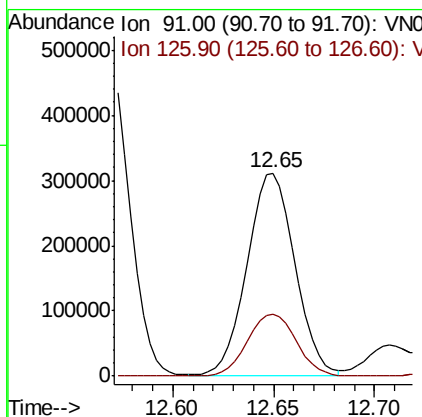
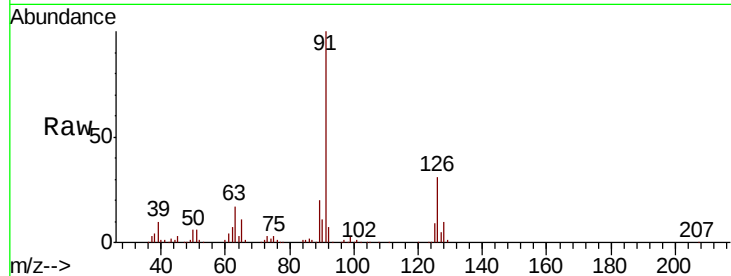




#79
 2-Chlorotoluene
 Concen: 49.585 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

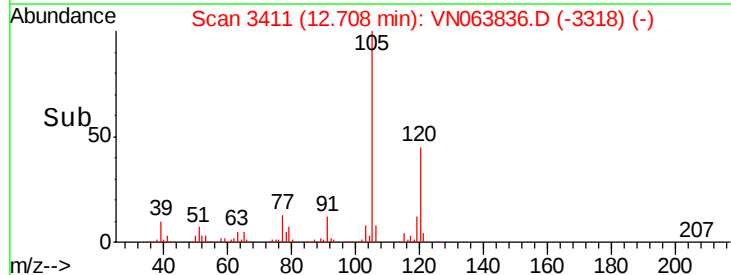
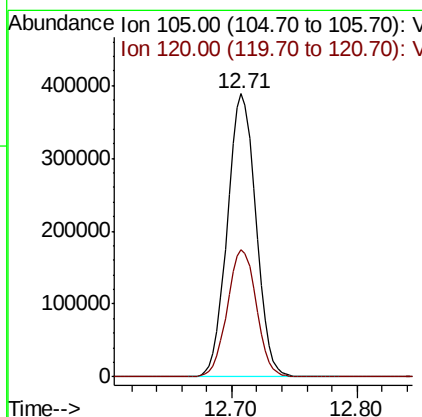
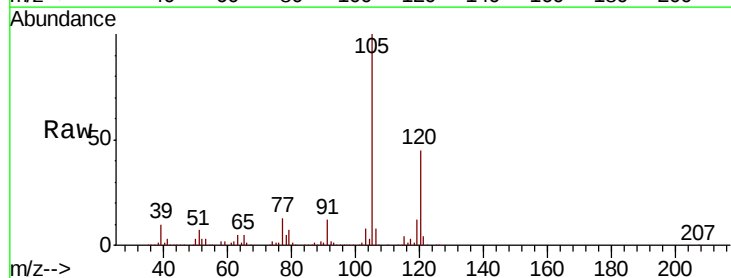
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

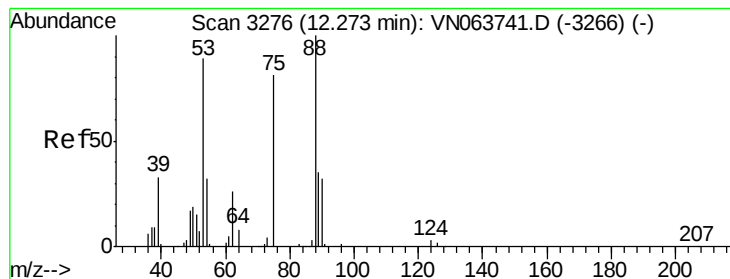
Tot Ion: 91 Resp: 513072
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.439 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion: 105 Resp: 611735
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 52.203 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

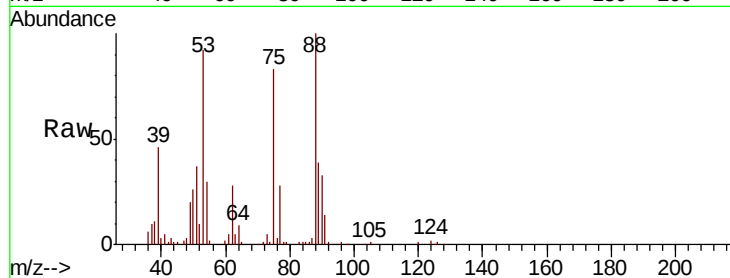
Tot Ion: 75 Resp: 79190

Ion Ratio Lower Upper

75 100

53 111.6 88.2 132.2

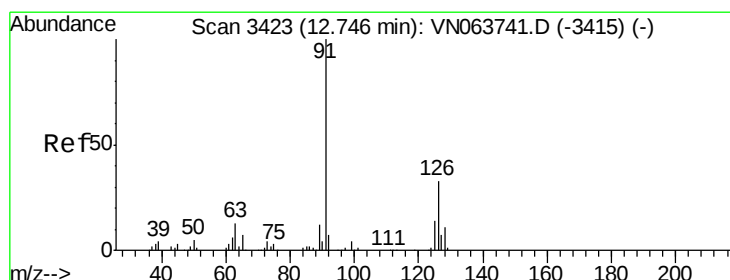
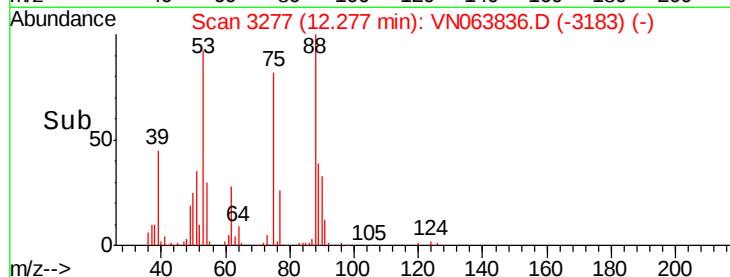
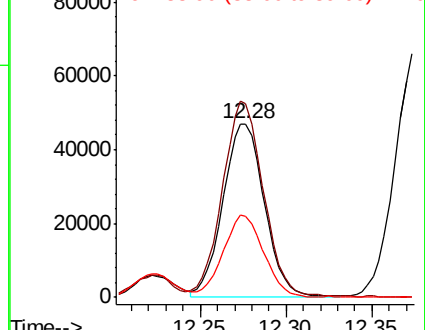
89 45.7 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.853 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063836.D

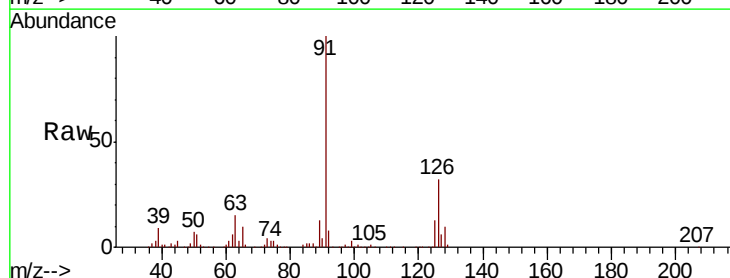
Acq: 2 Oct 2020 21:08

Tgt Ion: 91 Resp: 535504

Ion Ratio Lower Upper

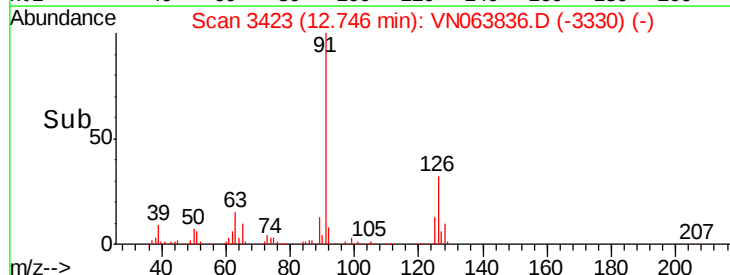
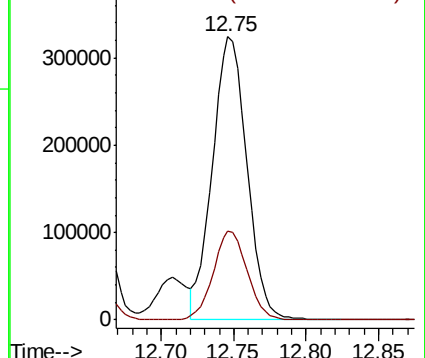
91 100

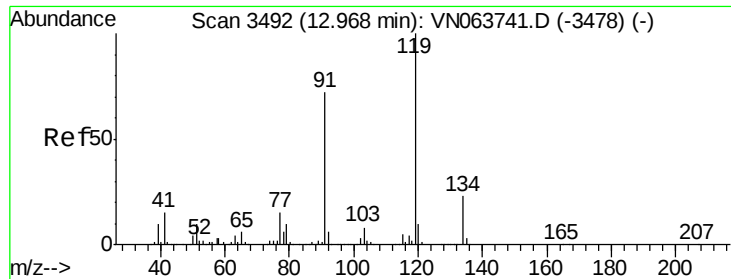
126 30.8 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

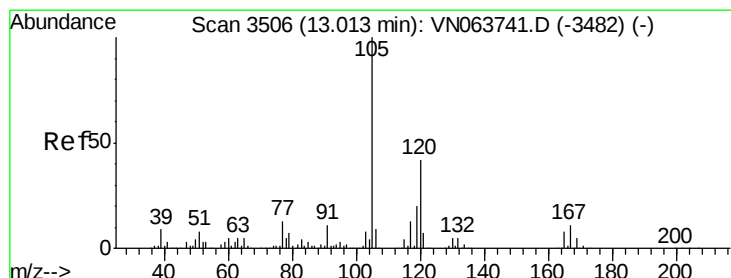
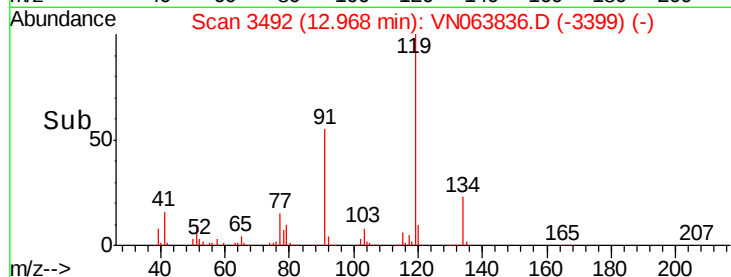
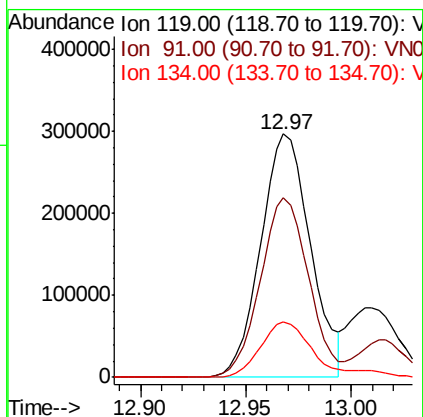
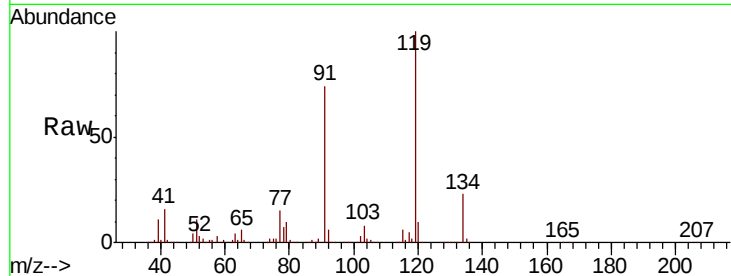




#83
tert-Butylbenzene
Concen: 49.172 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

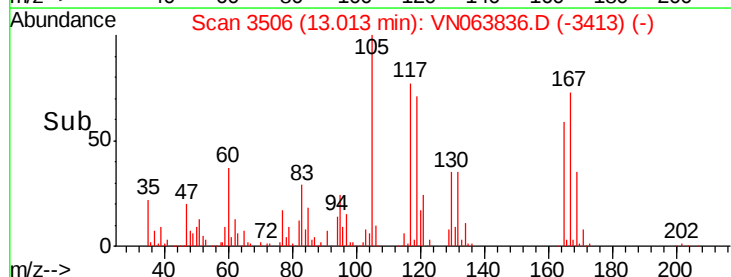
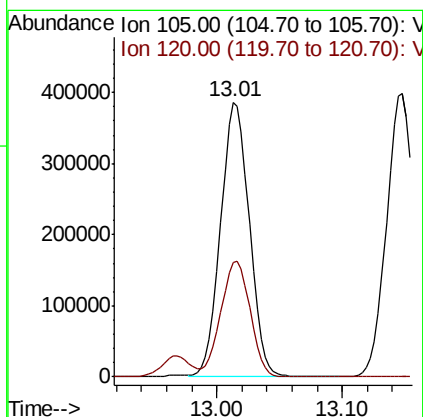
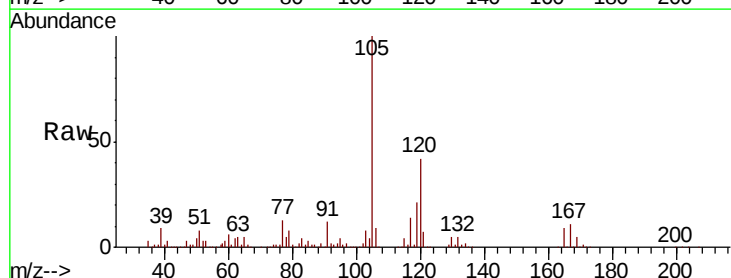
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 487821
Ion Ratio Lower Upper
119 100
91 71.8 35.5 106.5
134 23.1 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 50.519 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN063836.D
Acq: 2 Oct 2020 21:08

Tgt Ion:105 Resp: 611730
Ion Ratio Lower Upper
105 100
120 43.2 20.9 62.7

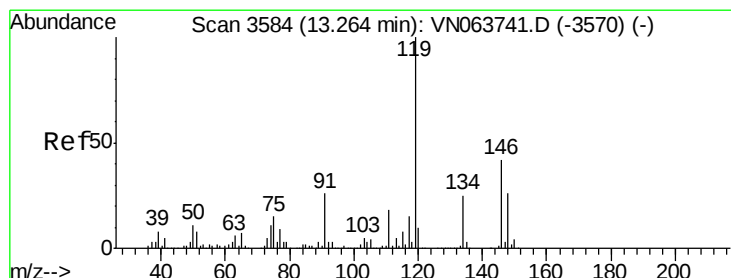
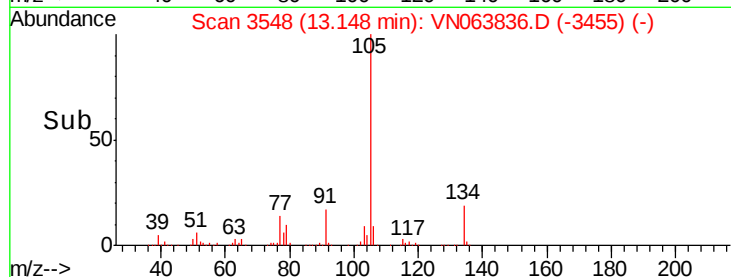
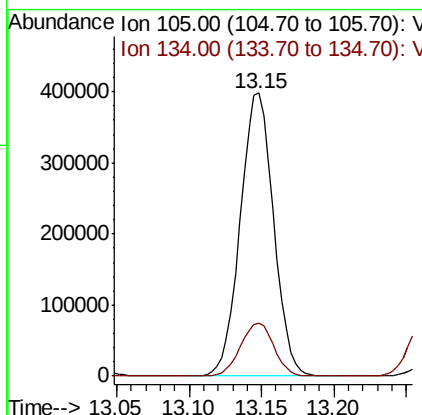
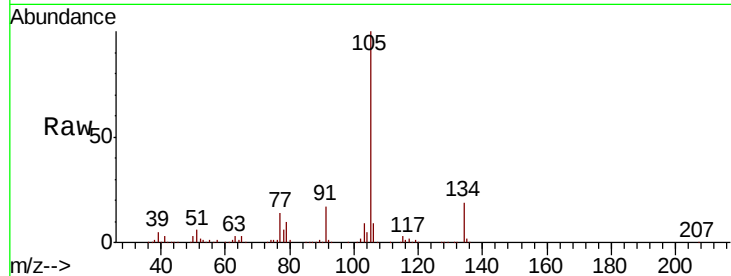




#85
 sec-Butylbenzene
 Concen: 48.691 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

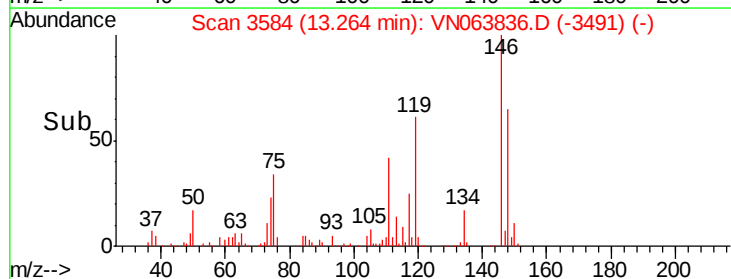
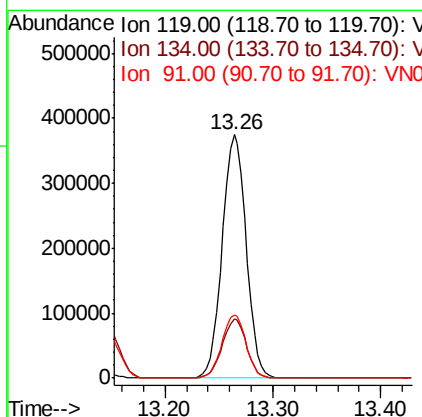
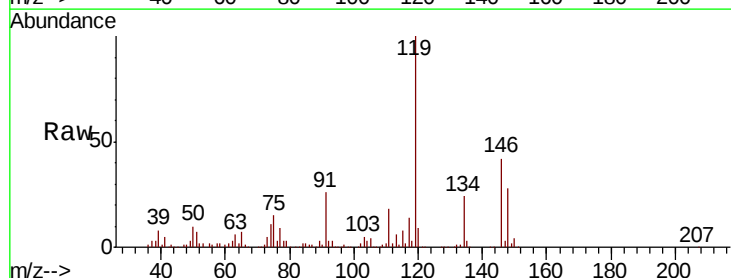
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

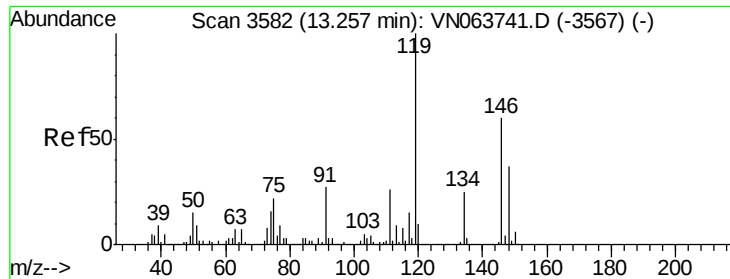
Tot Ion:105 Resp: 634458
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 50.137 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion:119 Resp: 577944
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.6 37.8
 91 26.4 13.4 40.2

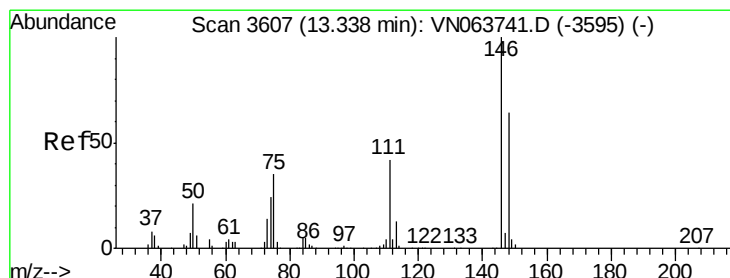
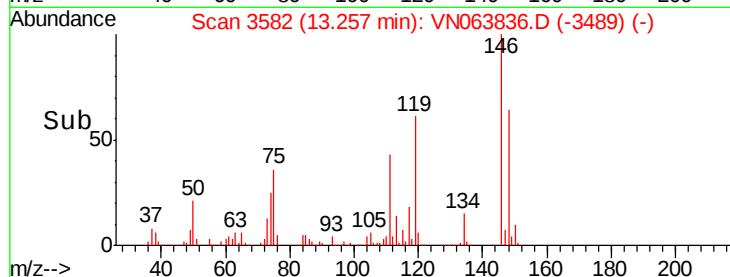
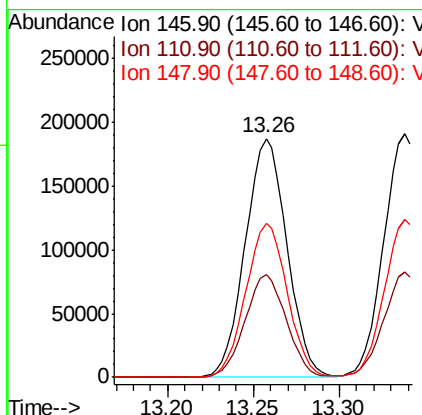
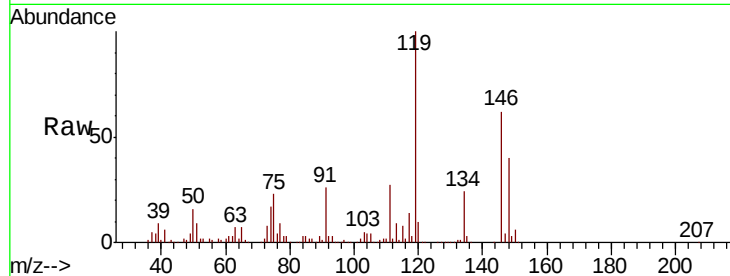




#87
 1,3-Dichlorobenzene
 Concen: 49.094 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

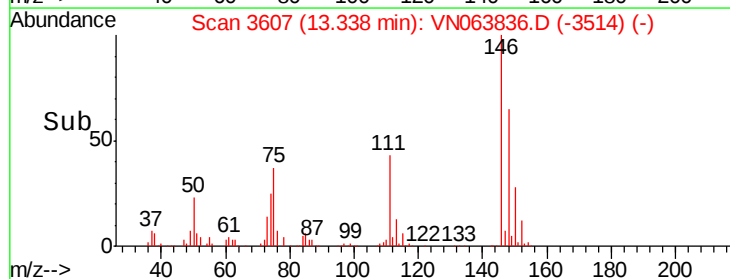
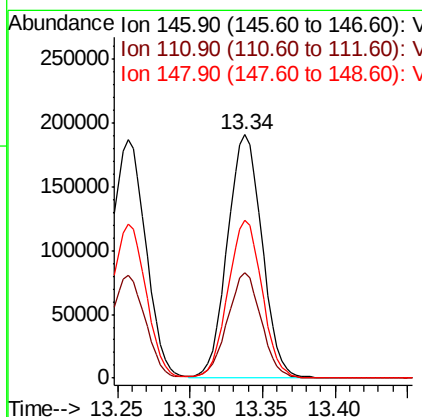
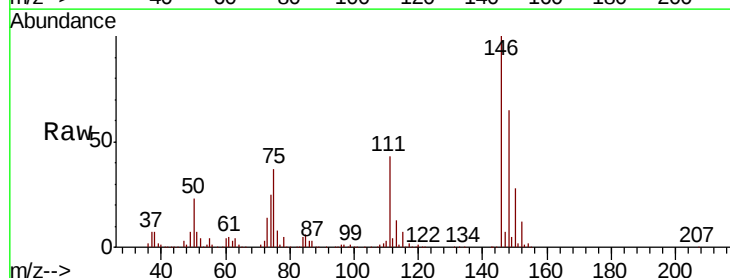
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

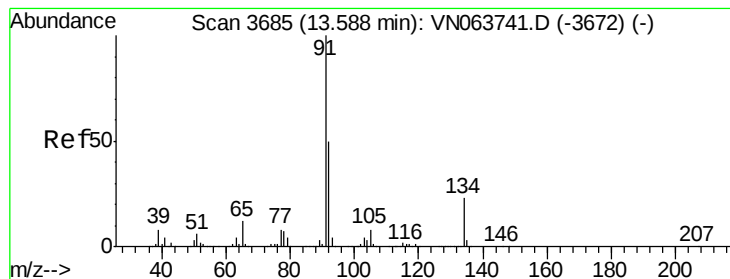
Tot Ion:146 Resp: 315060
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.5 64.5
 148 64.0 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 47.219 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion:146 Resp: 315514
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.7
 148 63.6 32.0 96.0





#89

n-Butylbenzene

Concen: 45.738 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

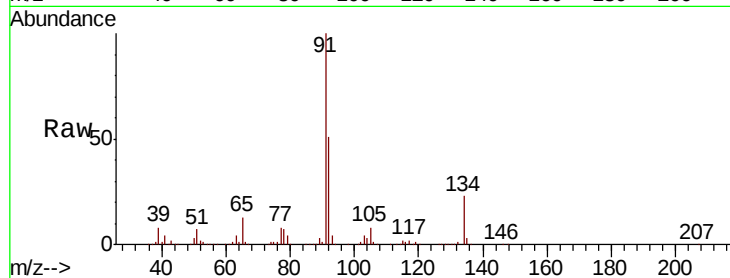
Tot Ion: 91 Resp: 486615

Ion	Ratio	Lower	Upper
91	100		
92	50.4	25.4	76.4
134	23.3	11.7	35.1

91 100

92 50.4 25.4 76.4

134 23.3 11.7 35.1

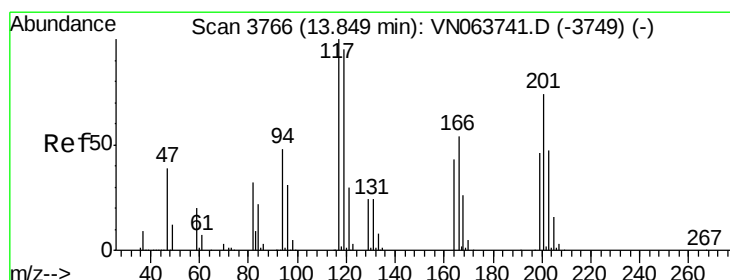
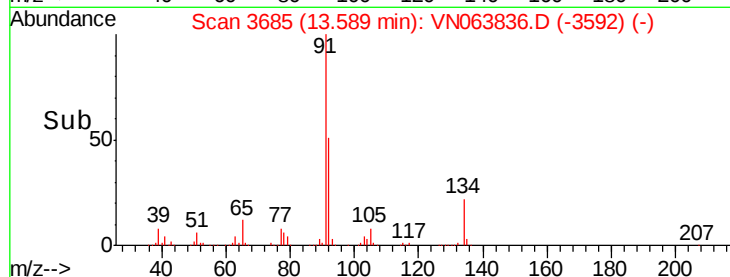
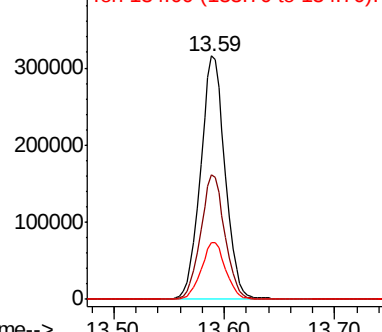


Abundance

Ion 91.00 (90.70 to 91.70): VN063836.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063836.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063836.D (-3592) (-)



#90

Hexachloroethane

Concen: 48.659 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063836.D

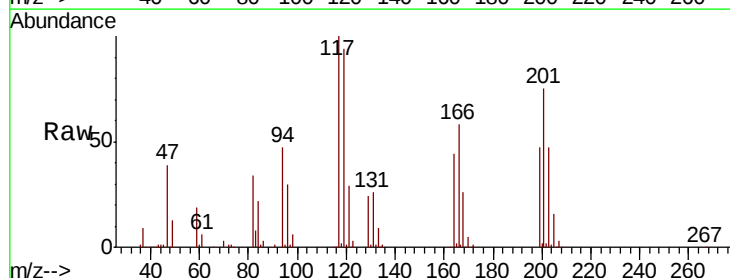
Acq: 2 Oct 2020 21:08

Tgt Ion: 117 Resp: 108691

Ion	Ratio	Lower	Upper
117	100		
201	77.0	36.0	108.0

117 100

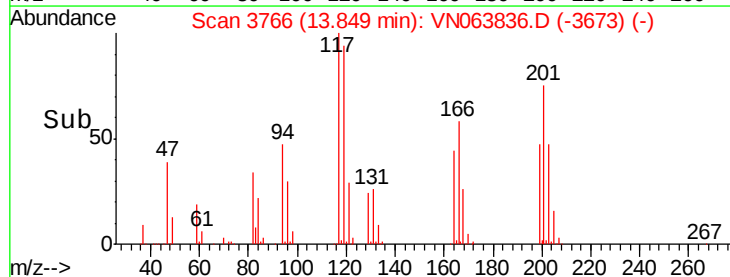
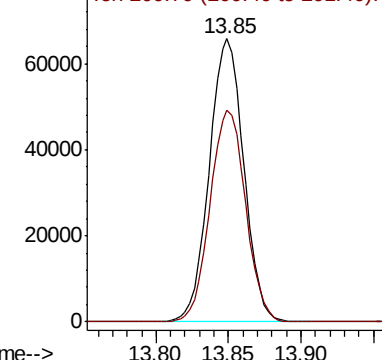
201 77.0 36.0 108.0



Abundance

Ion 116.80 (116.50 to 117.50): VN063836.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063836.D (-3673) (-)

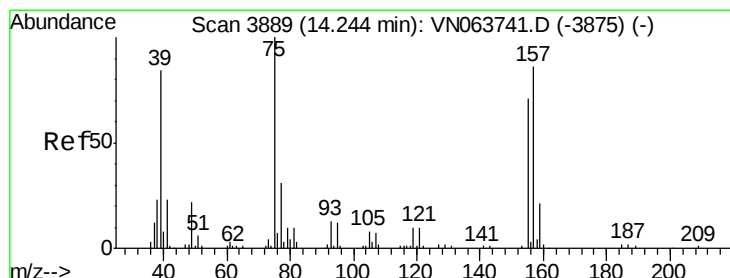
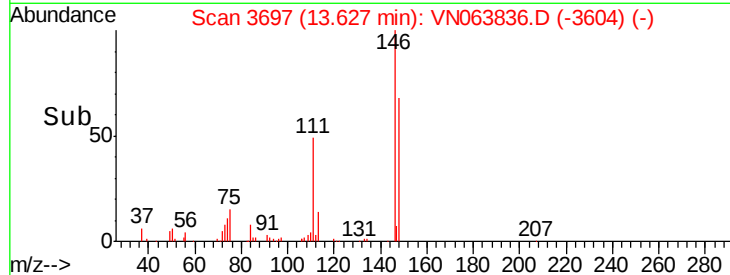
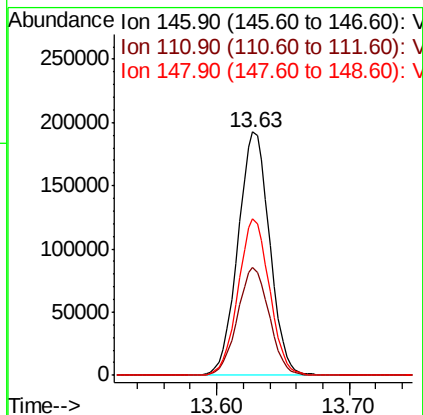
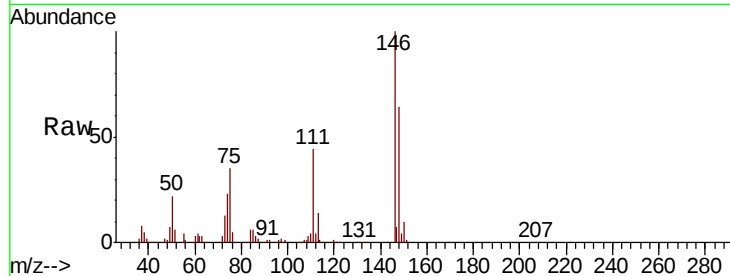




#91
 1,2-Dichlorobenzene
 Concen: 50.315 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

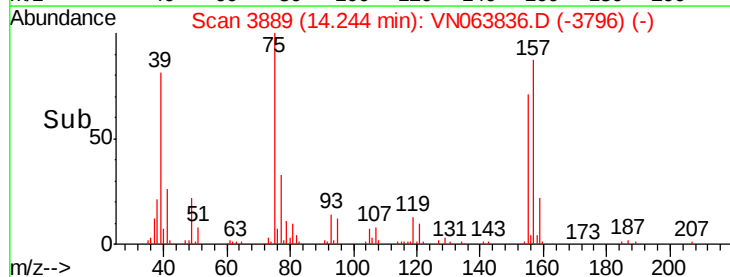
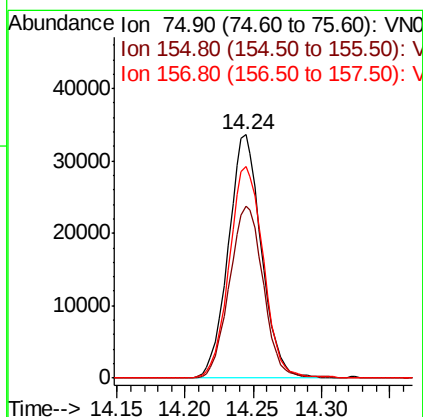
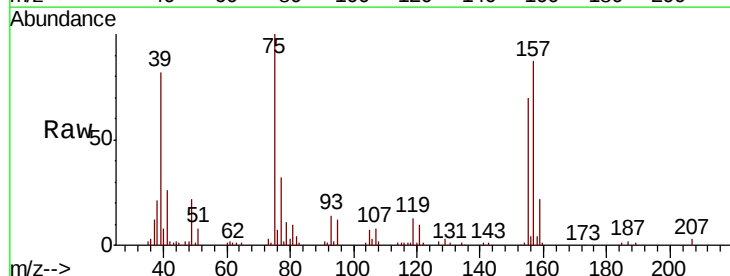
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

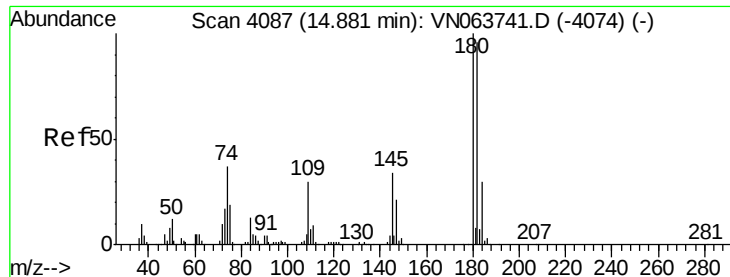
Tot Ion:146 Resp: 319820
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.2 66.6
 148 63.8 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.654 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion: 75 Resp: 56661
 Ion Ratio Lower Upper
 75 100
 155 72.0 34.8 104.5
 157 89.3 43.7 131.1

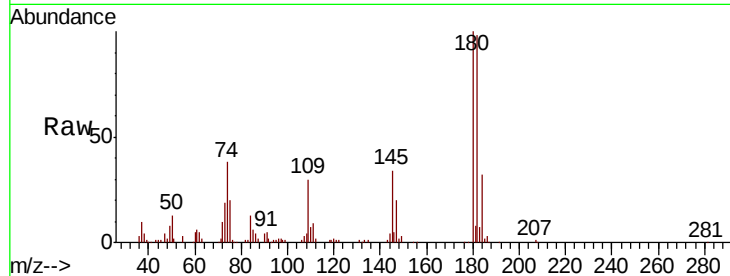




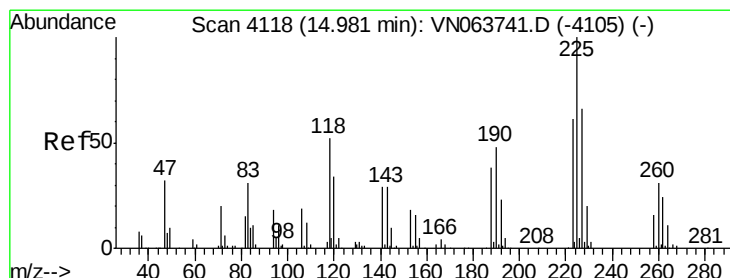
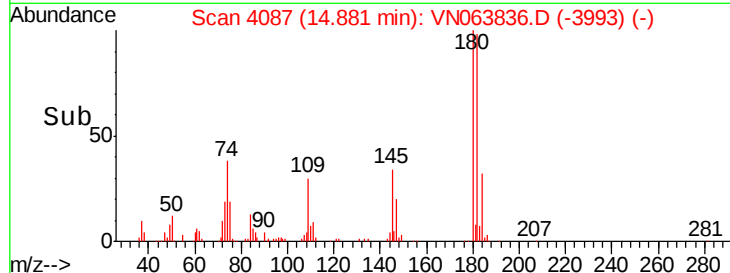
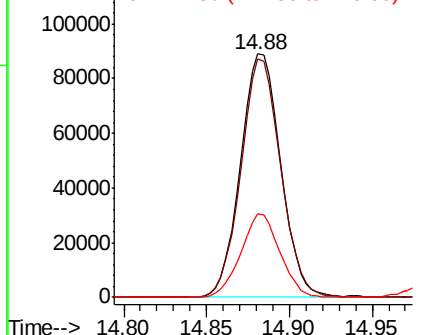
#93
 1,2,4-Trichlorobenzene
 Concen: 43.684 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.2	144.6
145	33.2	17.1	51.2

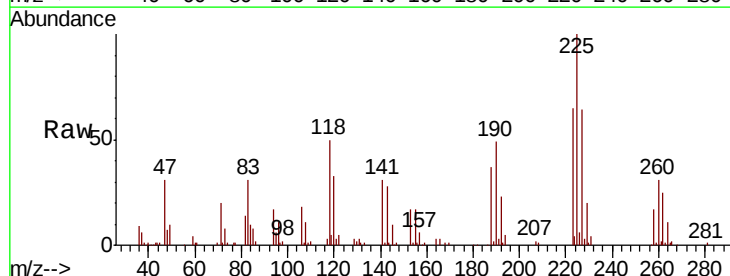


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

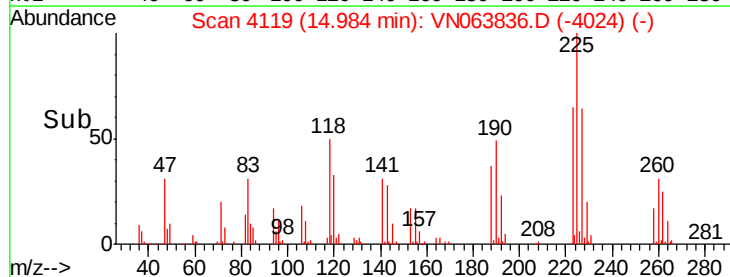
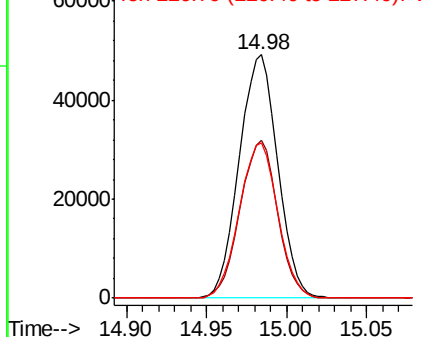


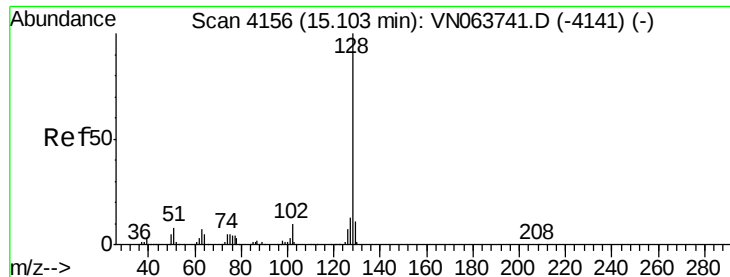
#94
 Hexachlorobutadiene
 Concen: 46.930 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063836.D
 Acq: 2 Oct 2020 21:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.3	91.0
227	63.5	31.9	95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 45.601 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

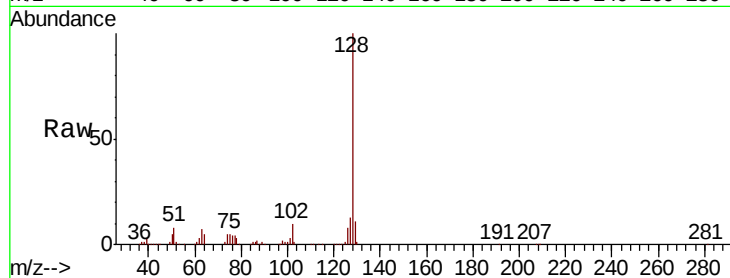
Tot Ion:128 Resp: 485798

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

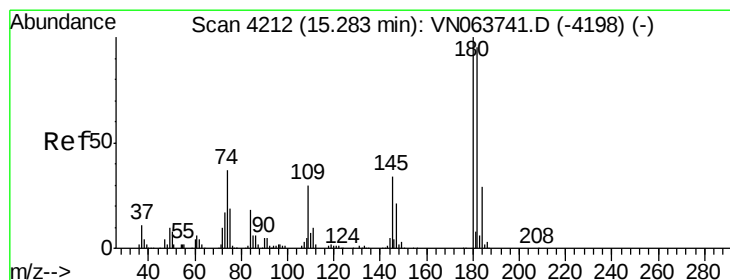
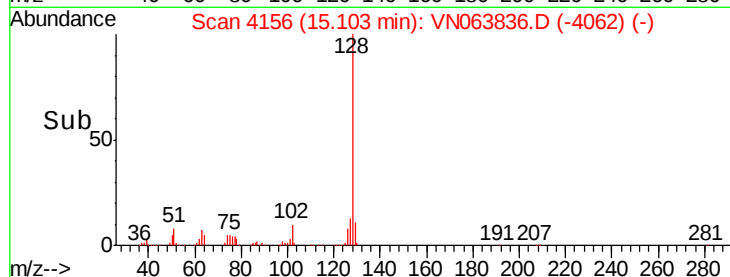
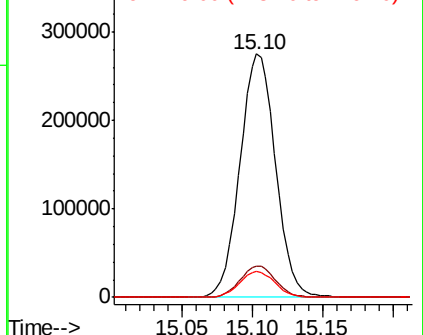
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.241 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063836.D

Acq: 2 Oct 2020 21:08

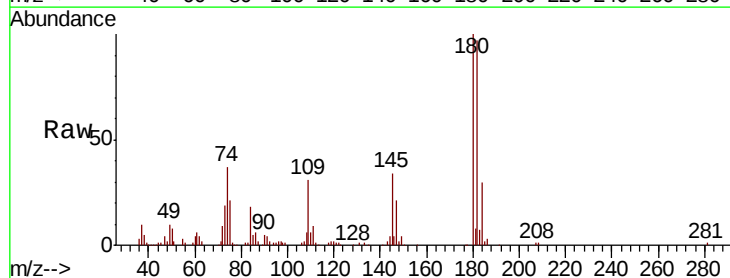
Tgt Ion:180 Resp: 147683

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.6

145 34.1 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

