

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063719.D
 Acq On : 28 Sep 2020 20:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 29 00:43:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	297615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	503549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	477346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	232446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	246735	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	7.55	113	171517	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.06	98	631595	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.38	95	247861	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	136367	40.444	ug/l	100
3) Chloromethane	2.04	50	166560	37.342	ug/l	98
4) Vinyl Chloride	2.16	62	170990	43.268	ug/l	99
5) Bromomethane	2.52	94	77341	32.962	ug/l	99
6) Chloroethane	2.67	64	108479	44.719	ug/l	95
7) Trichlorofluoromethane	2.98	101	273158	46.329	ug/l	100
8) Diethyl Ether	3.37	74	100584	43.761	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	144905	43.701	ug/l	97
10) Methyl Iodide	3.91	142	141419	32.758	ug/l	98
11) Tert butyl alcohol	4.73	59	148559	211.669	ug/l	99
12) 1,1-Dichloroethene	3.70	96	140367	41.794	ug/l	98
13) Acrolein	3.57	56	55294	212.592	ug/l	98
14) Allyl chloride	4.28	41	269921	40.630	ug/l	98
15) Acrylonitrile	4.93	53	404783	226.735	ug/l	99
16) Acetone	3.77	43	369537	226.962	ug/l	99
17) Carbon Disulfide	4.01	76	354330	36.270	ug/l	99
18) Methyl Acetate	4.28	43	206663	49.999	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	561115	44.827	ug/l	98
20) Methylene Chloride	4.51	84	171050	41.464	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	153228	41.179	ug/l	97
22) Diisopropyl ether	5.90	45	590835	43.608	ug/l	99
23) Vinyl Acetate	5.84	43	2472696	222.220	ug/l	99
24) 1,1-Dichloroethane	5.80	63	317931	42.981	ug/l	99
25) 2-Butanone	6.78	43	562248	224.529	ug/l	100
26) 2,2-Dichloropropane	6.78	77	237637	36.488	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	185680	44.087	ug/l	98
28) Bromochloromethane	7.15	49	145837	42.699	ug/l	93
29) Tetrahydrofuran	7.16	42	373727	218.521	ug/l	98
30) Chloroform	7.33	83	336247	45.308	ug/l	99
31) Cyclohexane	7.61	56	258591	36.958	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	302402	45.813	ug/l	99
36) 1,1-Dichloropropene	7.76	75	234833	43.775	ug/l	99
37) Ethyl Acetate	6.88	43	247745	47.054	ug/l	99
38) Carbon Tetrachloride	7.74	117	260515	47.572	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	238547	40.971	ug/l	98
40) Benzene	8.00	78	682740	44.583	ug/l	100
41) Methacrylonitrile	7.16	41	364613	153.971	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	296111	48.082	ug/l	99
43) Isopropyl Acetate	8.13	43	426904	45.345	ug/l #	90
44) Trichloroethene	8.80	130	178077	47.943	ug/l	97
45) 1,2-Dichloropropane	9.08	63	186045	44.606	ug/l	97
46) Dibromomethane	9.18	93	129132	47.106	ug/l	96
47) Bromodichloromethane	9.37	83	273712	48.061	ug/l	99
48) Methyl methacrylate	9.17	41	211887	45.809	ug/l	97
49) 1,4-Dioxane	9.16	88	59731	899.861	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	1272089	241.355	ug/l	99
52) Toluene	10.13	92	441165	47.915	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	291834	45.901	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	302663	45.131	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	178908	48.920	ug/l	99
56) Ethyl methacrylate	10.40	69	274701	48.115	ug/l	99
57) 1,3-Dichloropropane	10.68	76	303101	45.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	663906	221.673	ug/l	96
59) 2-Hexanone	10.72	43	939233	245.975	ug/l	99
60) Dibromochloromethane	10.87	129	207478	50.217	ug/l	99
61) 1,2-Dibromoethane	10.98	107	187386	49.318	ug/l	99
64) Tetrachloroethene	10.60	164	160510	49.382	ug/l	99
65) Chlorobenzene	11.41	112	469420	46.327	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	181959	48.989	ug/l	98
67) Ethyl Benzene	11.49	91	877983	46.011	ug/l	98
68) m/p-Xylenes	11.59	106	637045	92.594	ug/l	99
69) o-Xylene	11.92	106	308783	47.114	ug/l	100
70) Styrene	11.94	104	532450	48.445	ug/l	99
71) Bromoform	12.10	173	140990	50.953	ug/l #	99
73) Isopropylbenzene	12.23	105	843789	45.299	ug/l	99
74) N-amyl acetate	12.05	43	399268	45.282	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	258864	44.883	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	350690	60.954	ug/l #	100
77) Bromobenzene	12.50	156	211931	50.580	ug/l	87
78) n-propylbenzene	12.57	91	993582	45.798	ug/l	98
79) 2-Chlorotoluene	12.65	91	593324	45.622	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	722185	46.495	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	84760	40.390	ug/l	95
82) 4-Chlorotoluene	12.75	91	622427	45.297	ug/l	99
83) tert-Butylbenzene	12.97	119	588003	45.868	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	746645	47.590	ug/l	99
85) sec-Butylbenzene	13.15	105	763923	44.518	ug/l	99
86) p-Isopropyltoluene	13.26	119	692461	45.752	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	364908	46.988	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	370943	46.980	ug/l	99
89) n-Butylbenzene	13.59	91	610056	43.729	ug/l	99
90) Hexachloroethane	13.85	117	134362	46.621	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	363931	47.732	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61848	45.033	ug/l	96

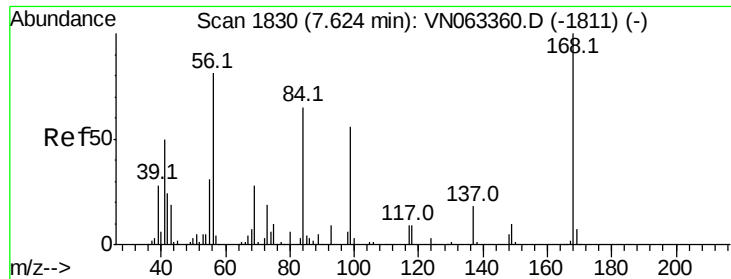
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	207728	46.214	ug/l	99
94) Hexachlorobutadiene	14.98	225	96854	52.048	ug/l	98
95) Naphthalene	15.10	128	698289	47.022	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	199424	45.918	ug/l	99

(#) = 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: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

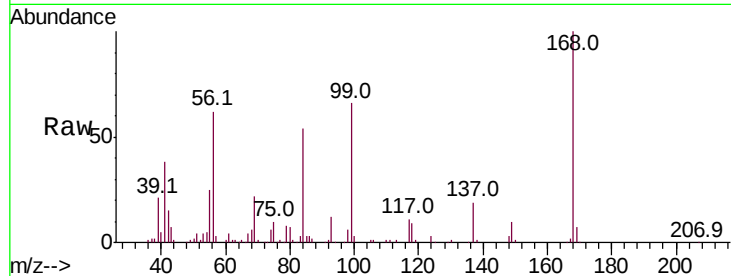
VSTDCCC050EC

Tot Ion:168 Resp: 297615

Ion Ratio Lower Upper

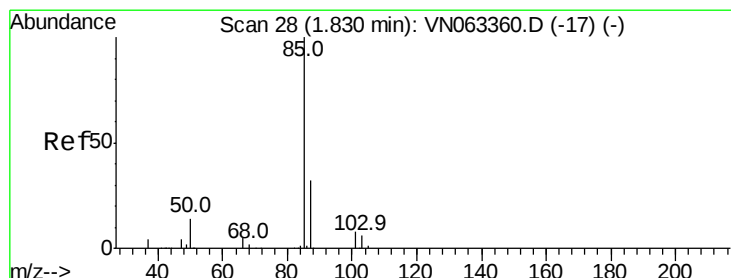
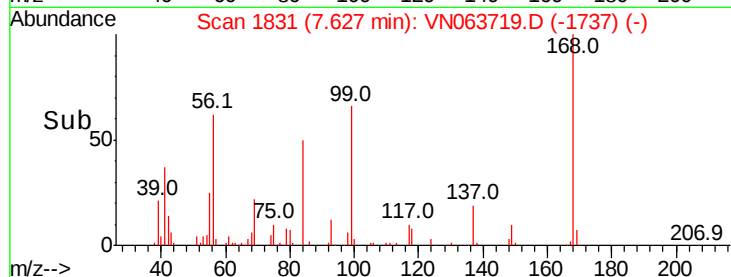
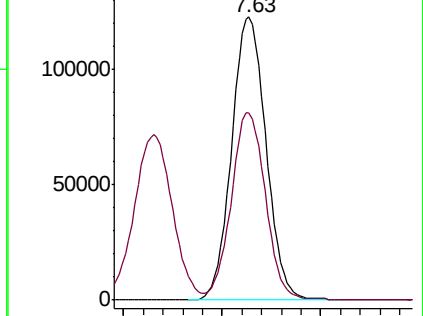
168 100

99 66.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 40.444 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063719.D

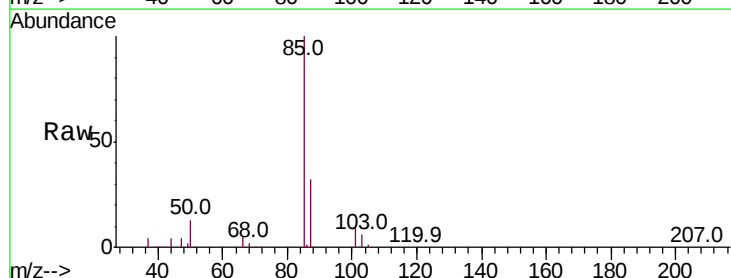
Acq: 28 Sep 2020 20:44

Tgt Ion: 85 Resp: 136367

Ion Ratio Lower Upper

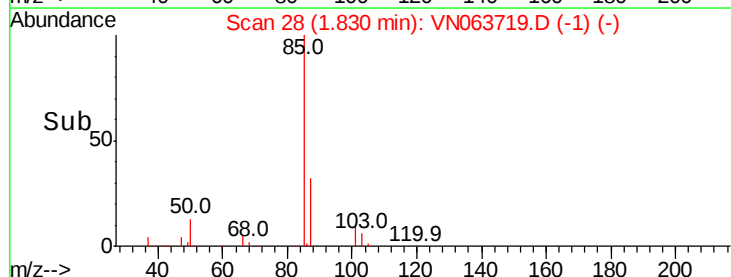
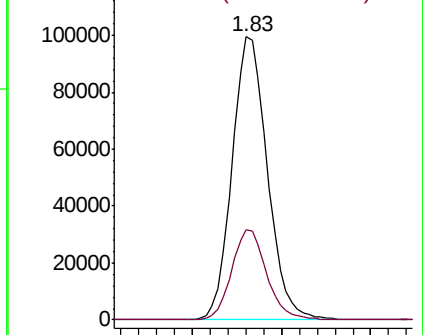
85 100

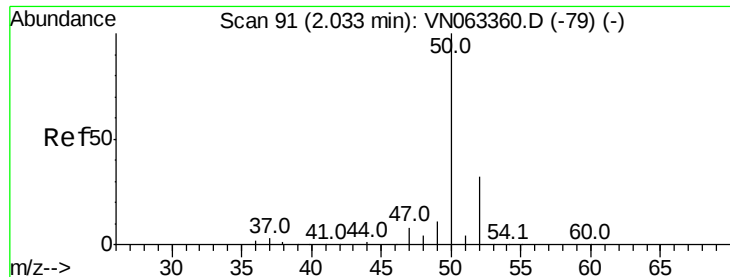
87 31.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

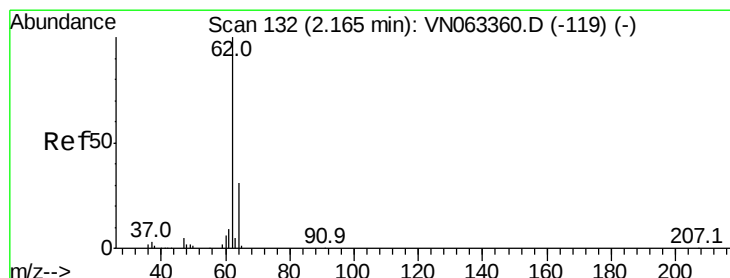
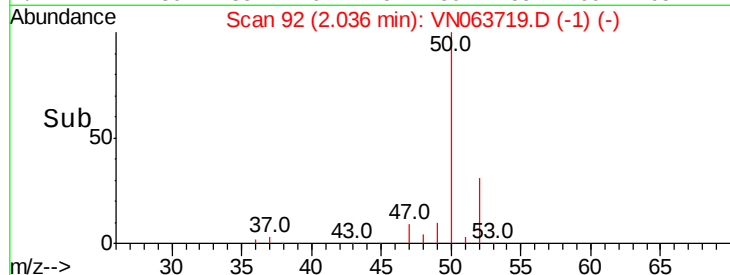
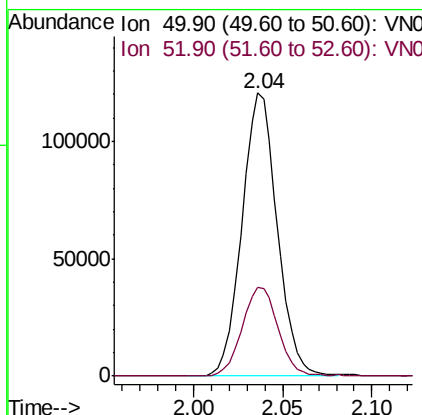
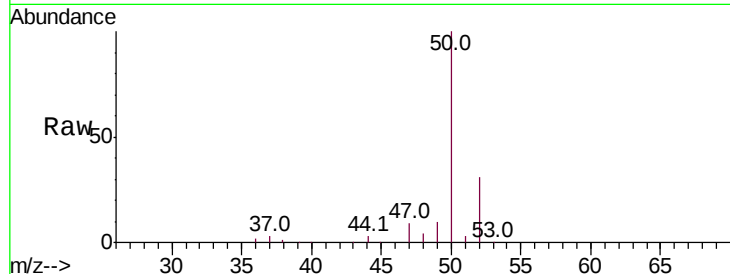




#3
Chloromethane
Concen: 37.342 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

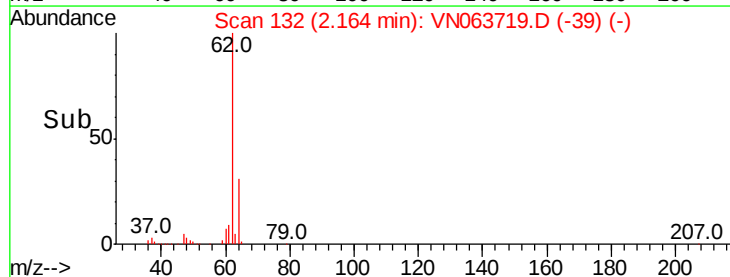
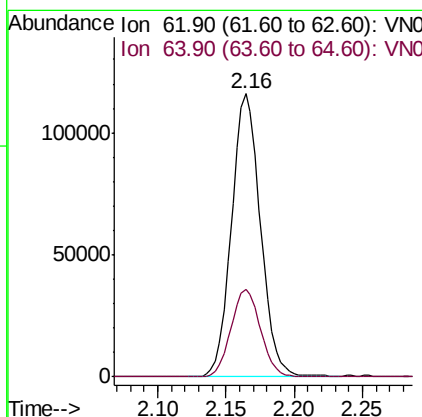
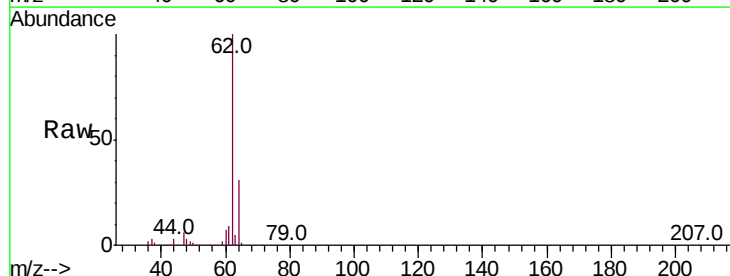
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

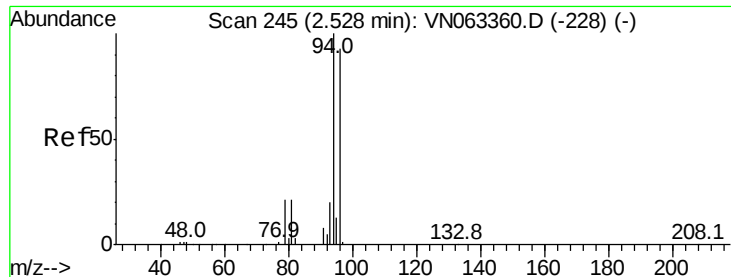
Tot Ion: 50 Resp: 166560
Ion Ratio Lower Upper
50 100
52 31.2 25.9 38.9



#4
Vinyl Chloride
Concen: 43.268 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion: 62 Resp: 170990
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7





#5

Bromomethane

Concen: 32.962 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

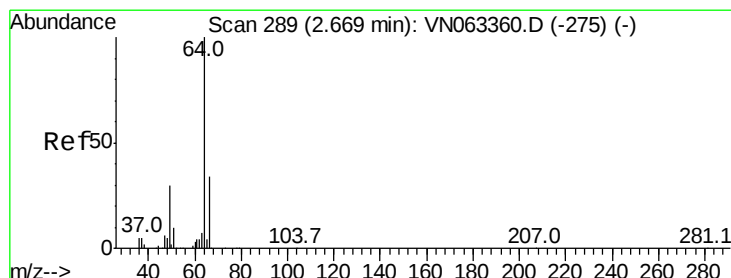
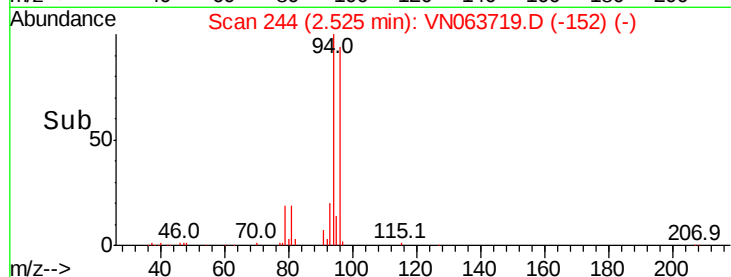
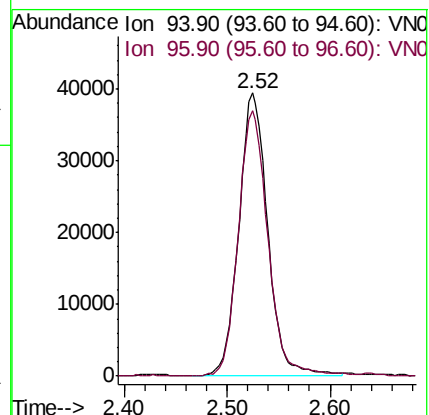
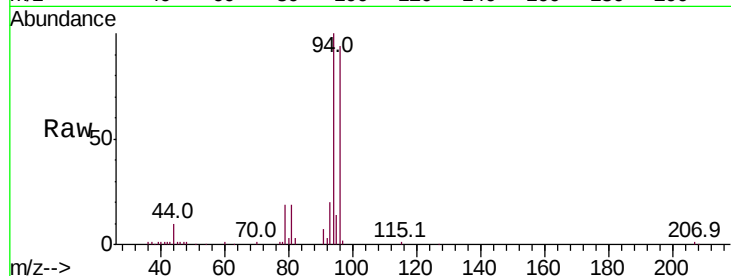
VSTDCCC050EC

Tot Ion: 94 Resp: 77341

Ion Ratio Lower Upper

94 100

96 93.6 74.5 111.7



#6

Chloroethane

Concen: 44.719 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063719.D

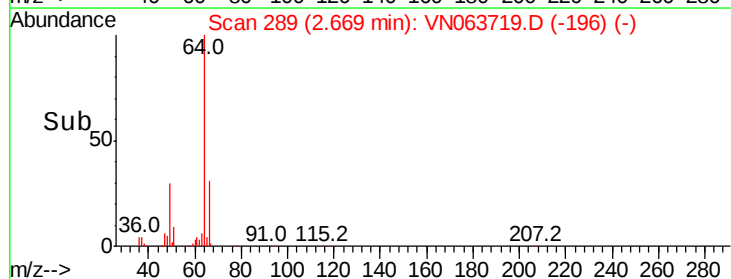
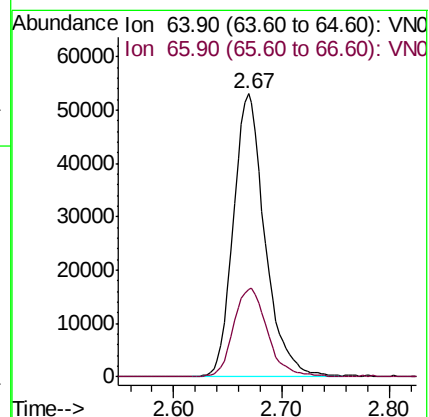
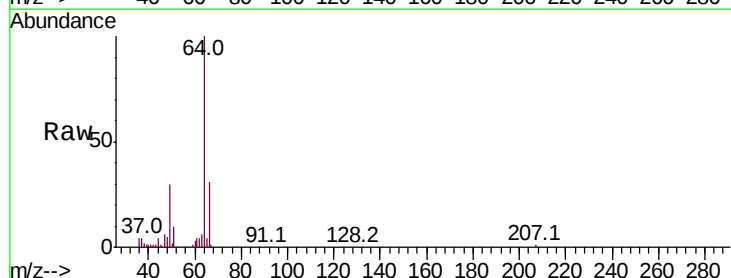
Acq: 28 Sep 2020 20:44

Tgt Ion: 64 Resp: 108479

Ion Ratio Lower Upper

64 100

66 31.0 26.9 40.3



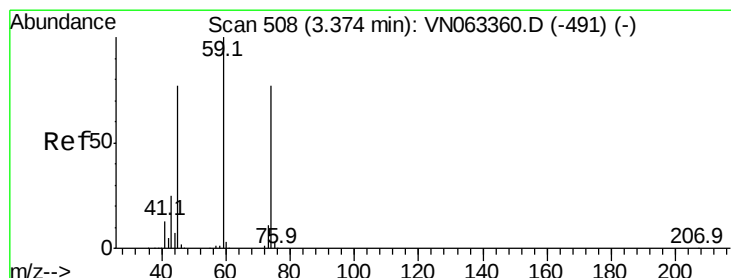
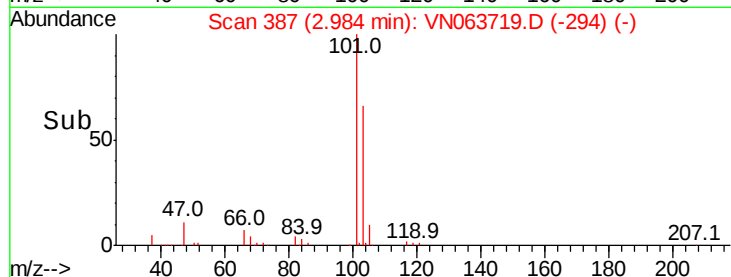
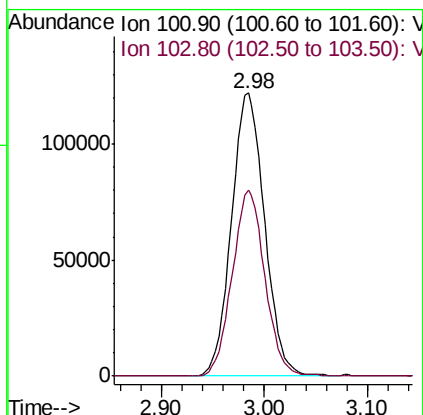
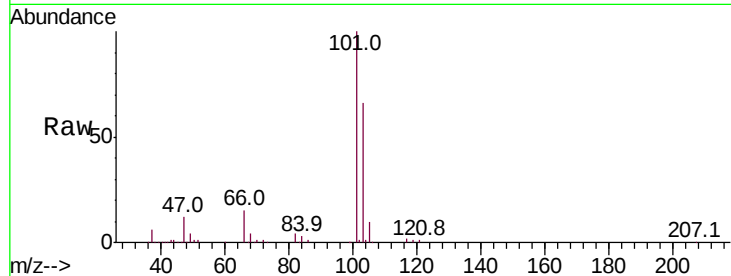


#7

Trichlorofluoromethane
 Concen: 46.329 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Instrument :
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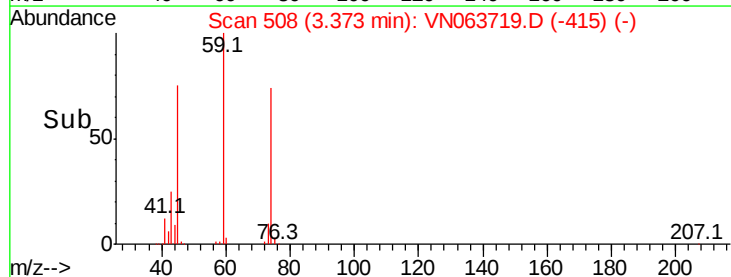
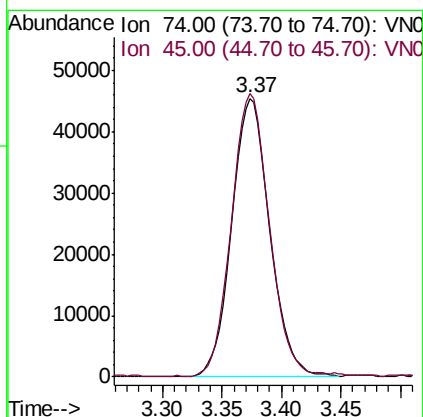
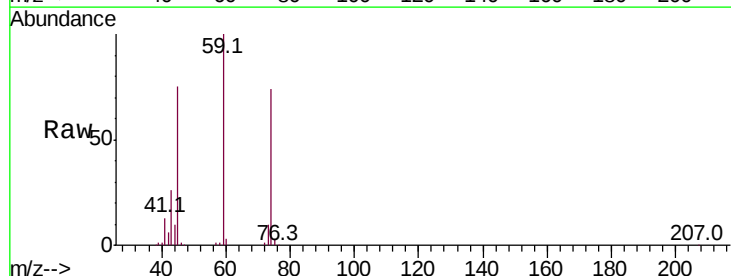
Tot Ion:101 Resp: 273158
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.3 78.5

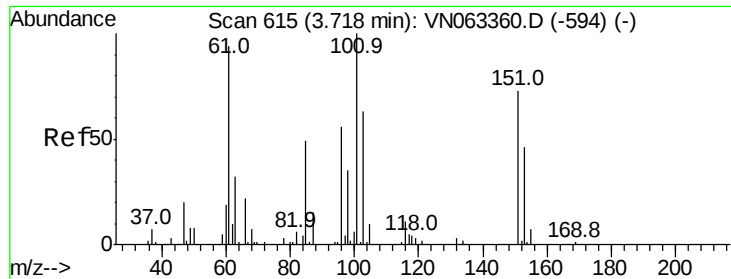


#8

Diethyl Ether
 Concen: 43.761 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Tgt Ion: 74 Resp: 100584
 Ion Ratio Lower Upper
 74 100
 45 101.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.701 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

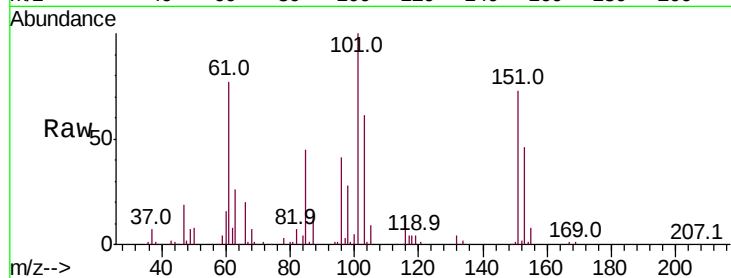
Tot Ion:101 Resp: 144905

Ion Ratio Lower Upper

101 100

85 46.9 37.7 56.5

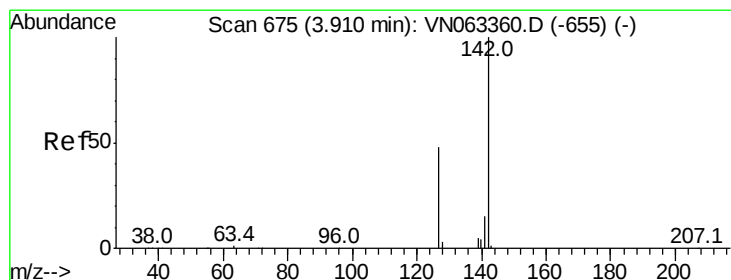
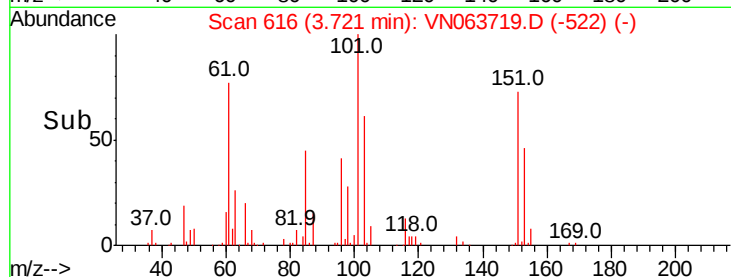
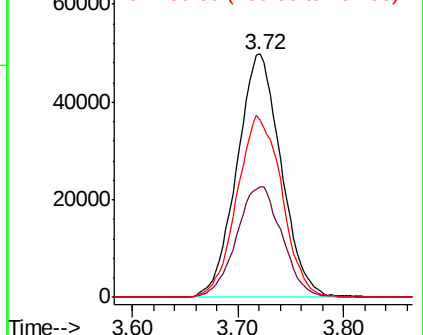
151 76.0 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 32.758 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

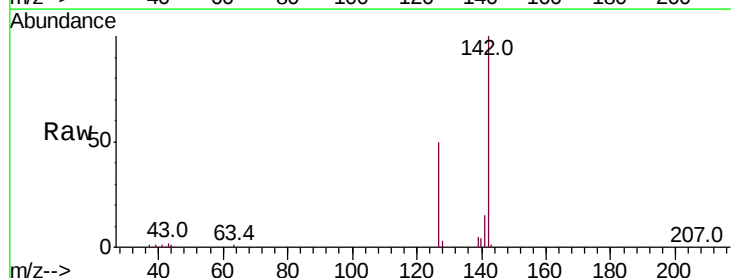
Tgt Ion:142 Resp: 141419

Ion Ratio Lower Upper

142 100

127 50.4 39.0 58.6

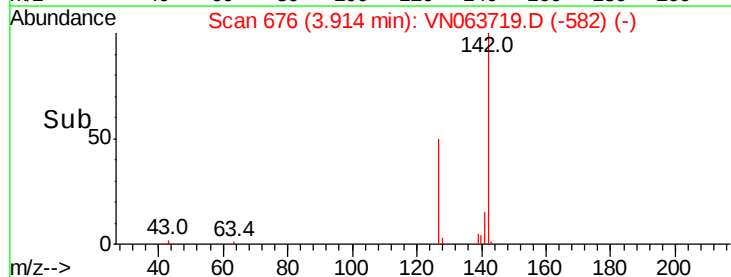
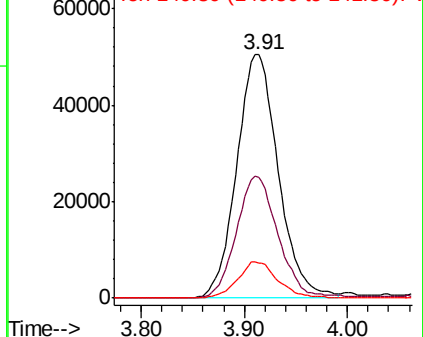
141 14.4 11.6 17.4

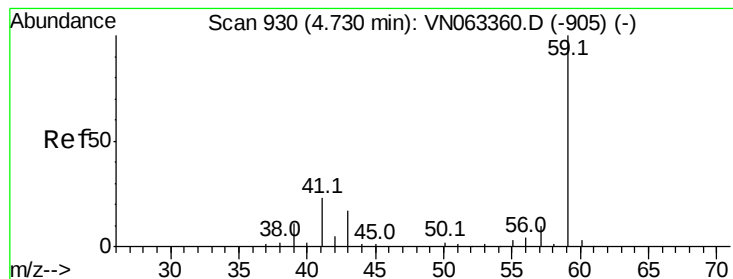


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



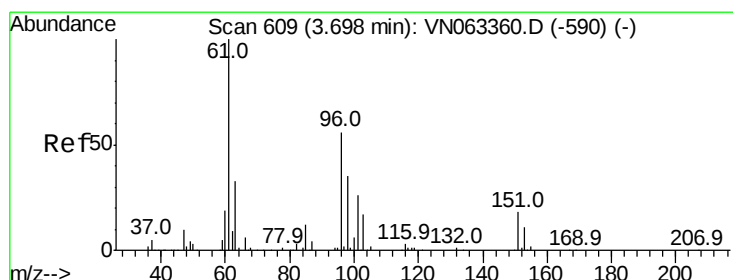
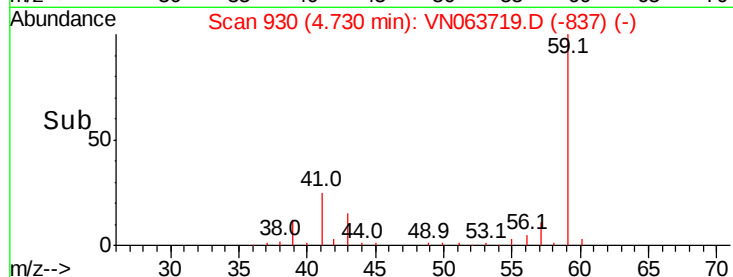
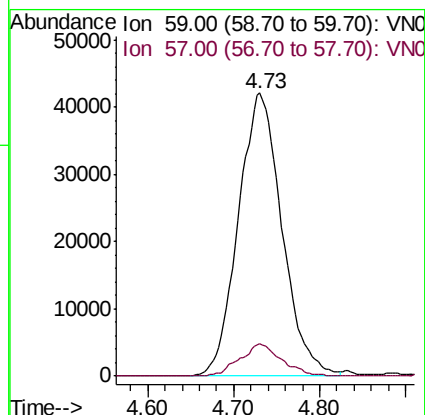
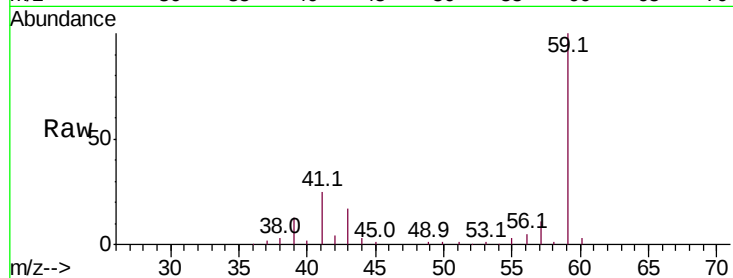


#11

Tert butyl alcohol
 Concen: 211.669 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

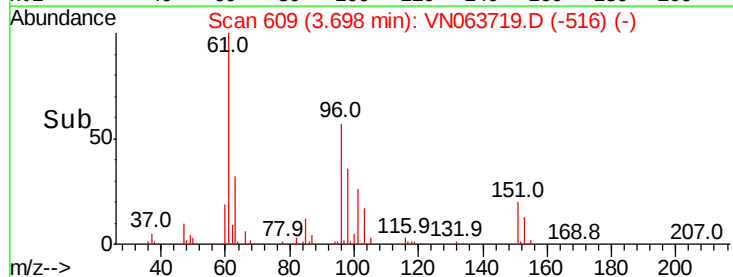
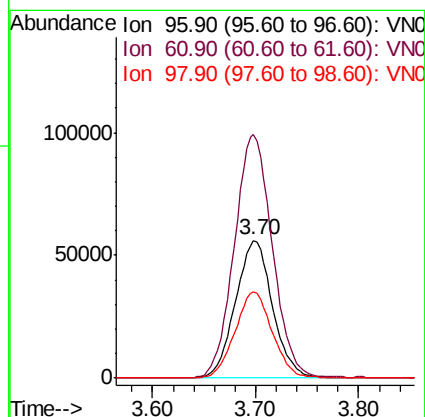
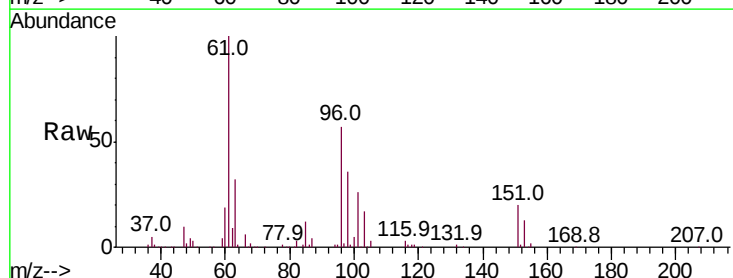
Tot Ion: 59 Resp: 148559
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.4 12.6

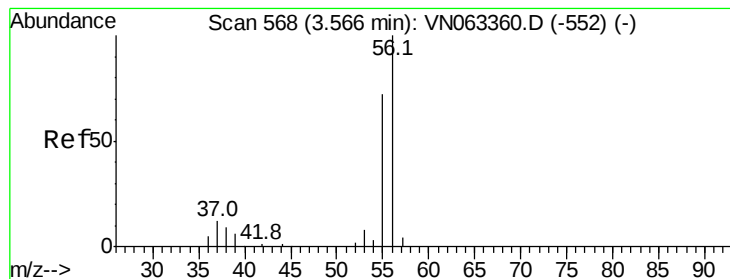


#12

1,1-Dichloroethene
 Concen: 41.794 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Tgt Ion: 96 Resp: 140367
 Ion Ratio Lower Upper
 96 100
 61 176.4 143.4 215.2
 98 62.8 50.6 76.0





#13

Acrolein

Concen: 212.592 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

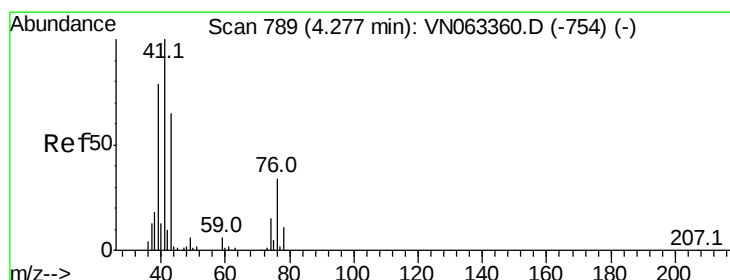
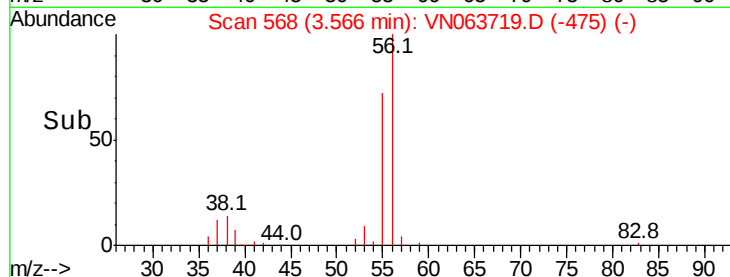
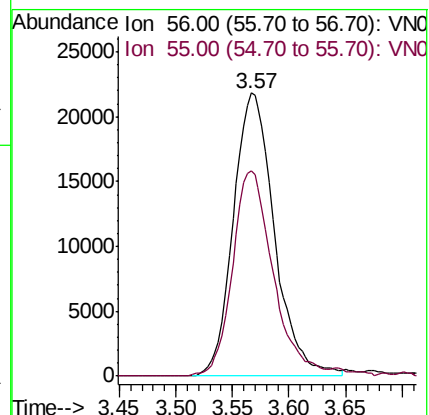
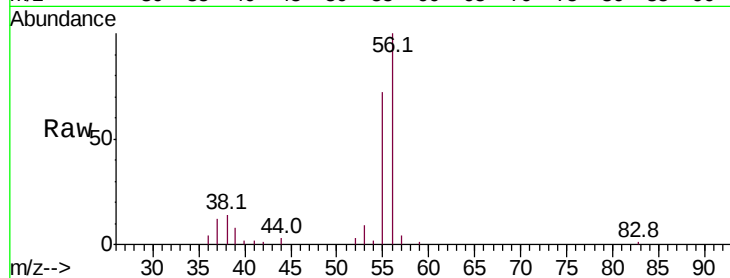
VSTDCCC050EC

Tot Ion: 56 Resp: 55294

Ion Ratio Lower Upper

56 100

55 71.1 58.2 87.2



#14

Allyl chloride

Concen: 40.630 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

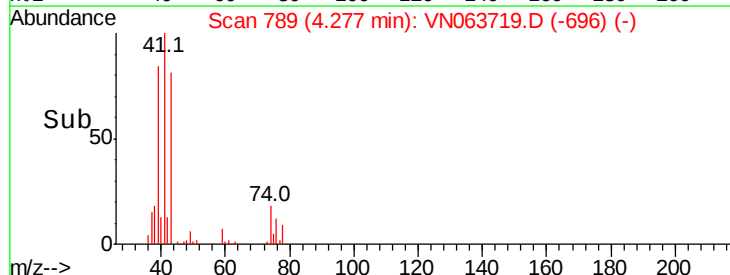
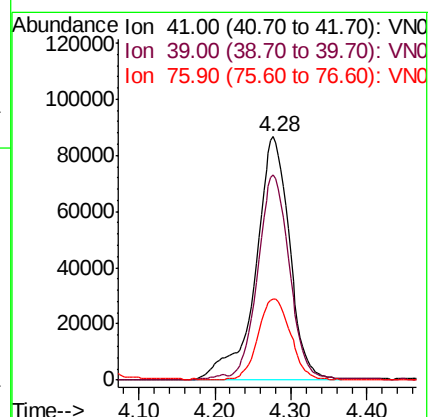
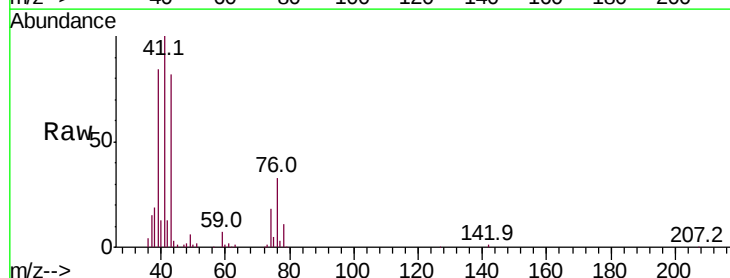
Tgt Ion: 41 Resp: 269921

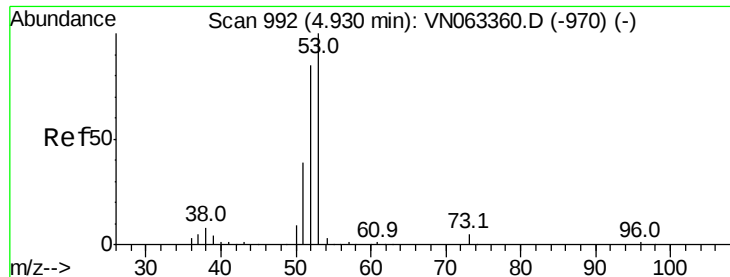
Ion Ratio Lower Upper

41 100

39 76.6 59.3 88.9

76 31.9 25.3 37.9





#15

Acrylonitrile

Concen: 226.735 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

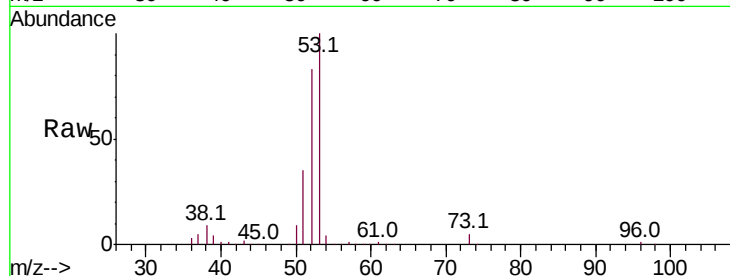
Tot Ion: 53 Resp: 404783

Ion Ratio Lower Upper

53 100

52 81.9 66.4 99.6

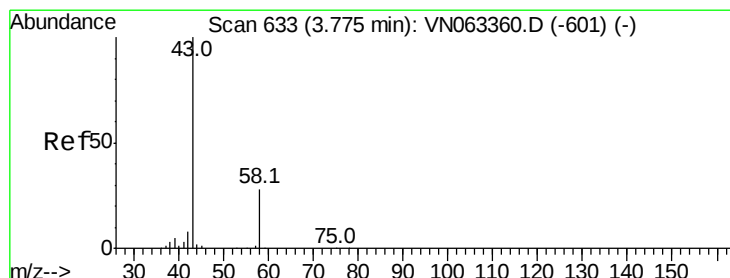
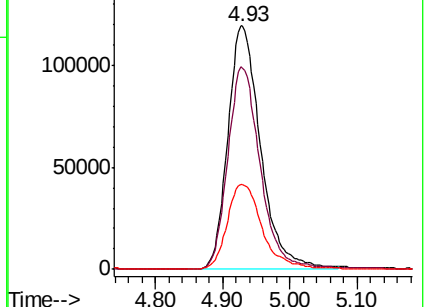
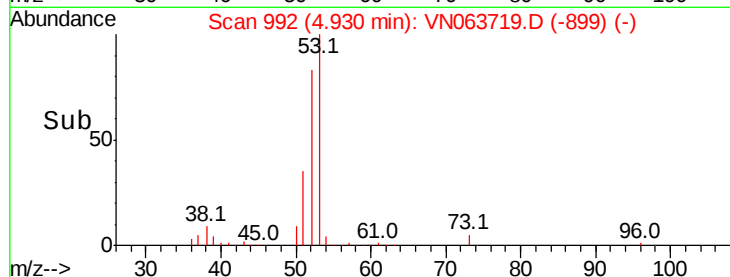
51 37.4 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063719.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063719.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063719.D (-899) (-)



#16

Acetone

Concen: 226.962 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063719.D

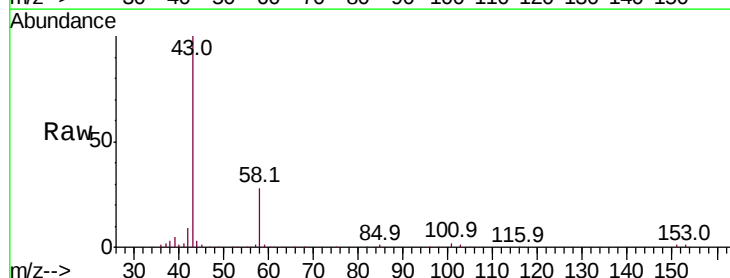
Acq: 28 Sep 2020 20:44

Tgt Ion: 43 Resp: 369537

Ion Ratio Lower Upper

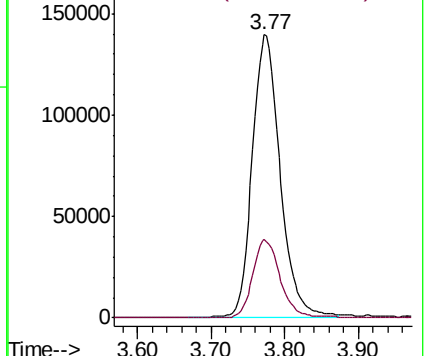
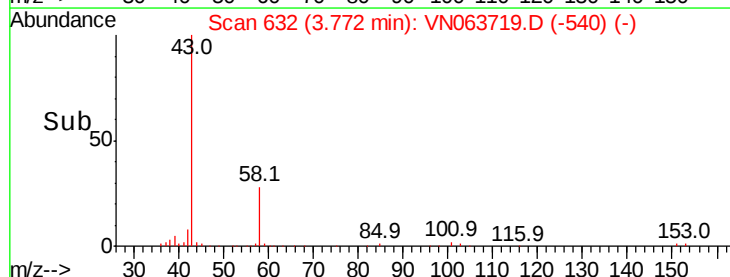
43 100

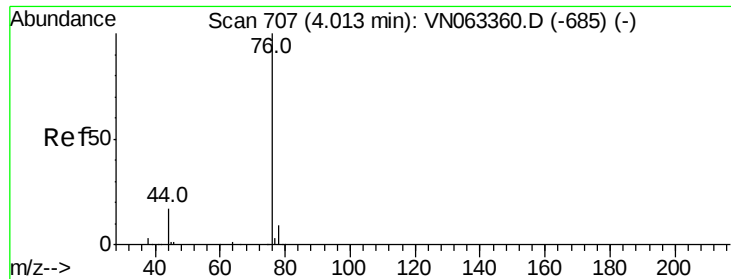
58 27.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063719.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN063719.D (-540) (-)

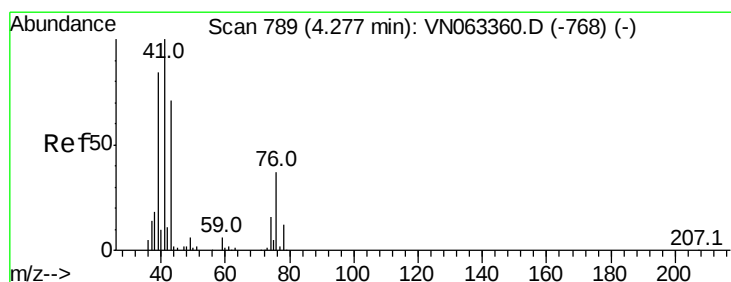
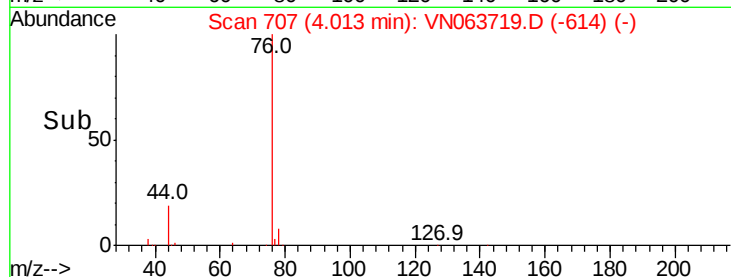
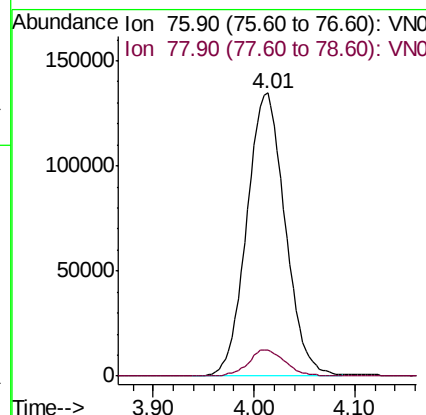
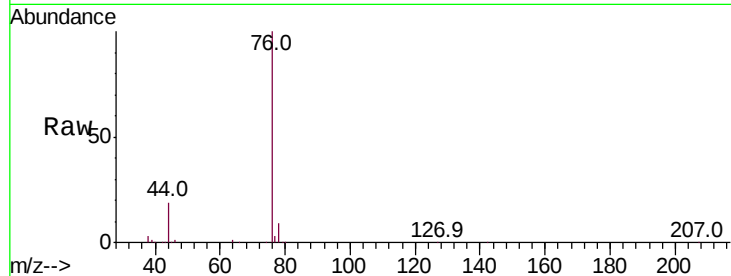




#17
Carbon Disulfide
Concen: 36.270 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

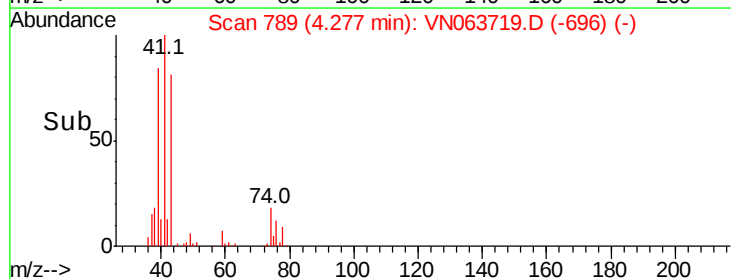
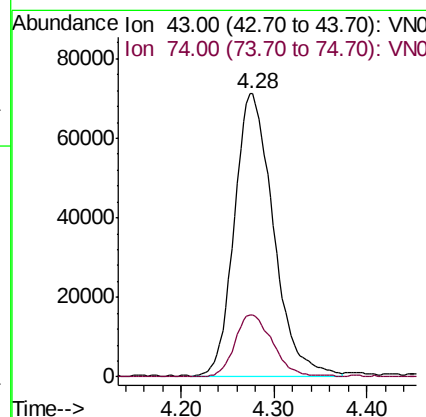
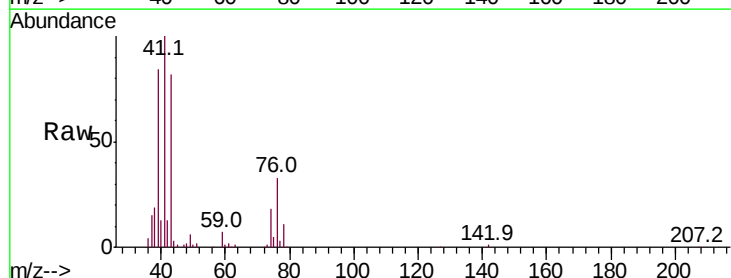
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

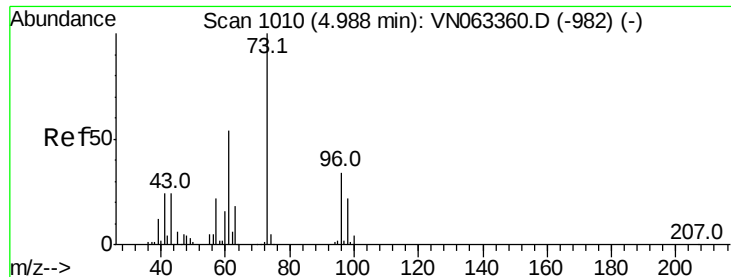
Tot Ion: 76 Resp: 354330
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 49.999 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion: 43 Resp: 206663
Ion Ratio Lower Upper
43 100
74 21.4 17.4 26.2

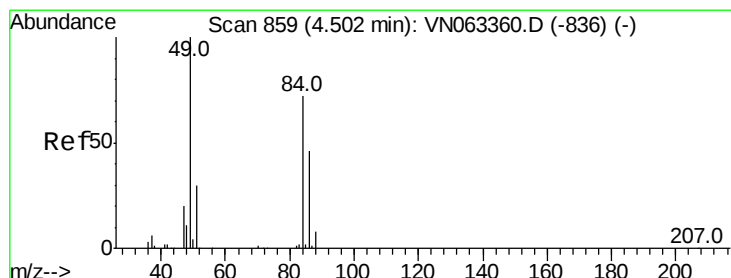
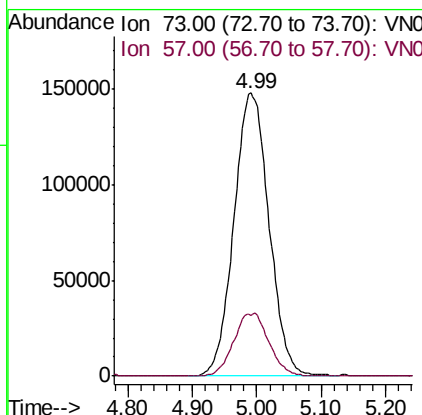
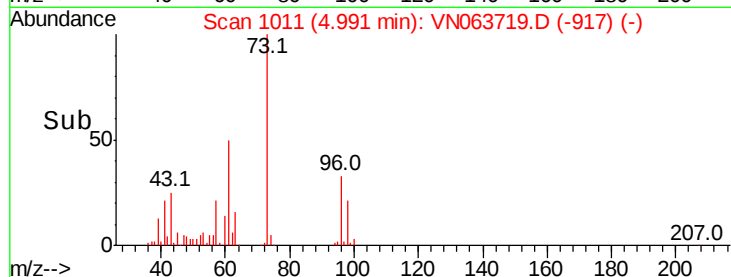
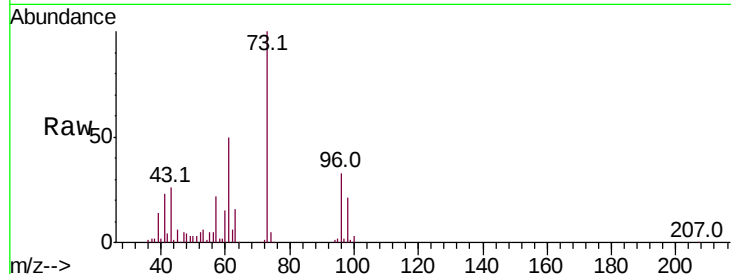




#19
Methvl tert-butvl Ether
Concen: 44.827 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

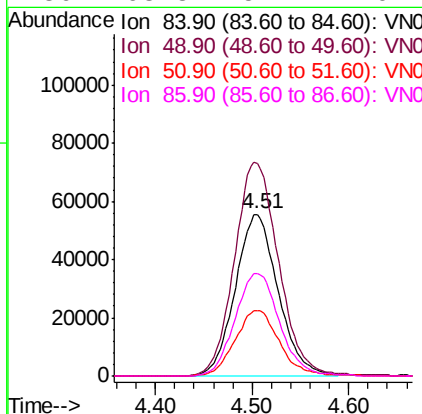
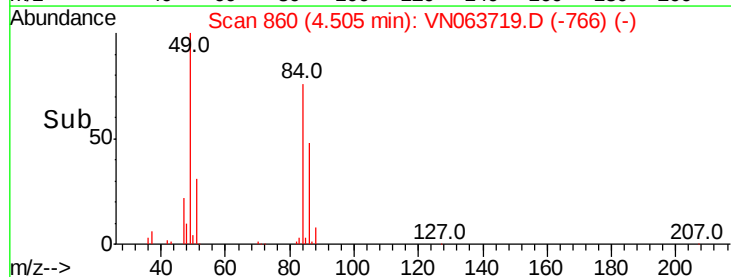
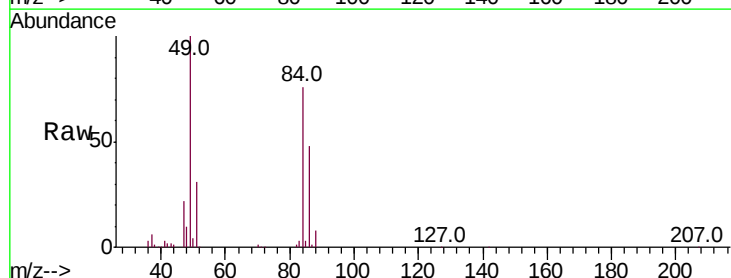
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

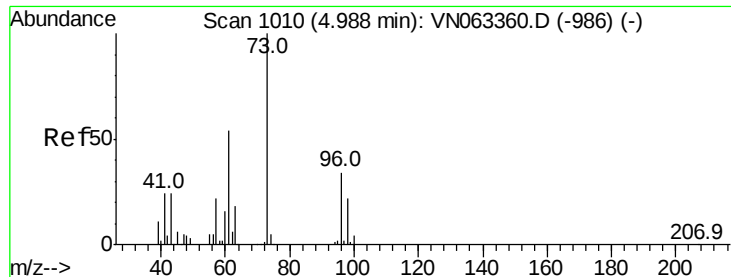
Tot Ion: 73 Resp: 561115
Ion Ratio Lower Upper
73 100
57 21.6 17.9 26.9



#20
Methylene Chloride
Concen: 41.464 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion: 84 Resp: 171050
Ion Ratio Lower Upper
84 100
49 131.4 110.7 166.1
51 40.7 32.9 49.3
86 63.8 51.1 76.7

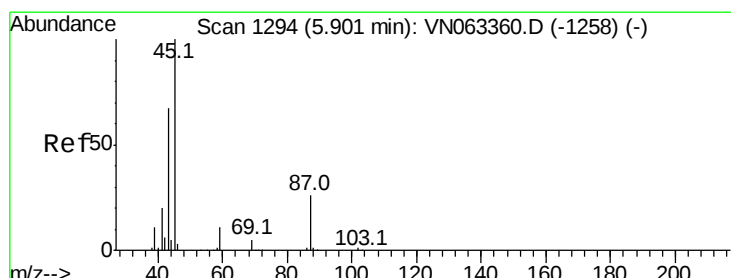
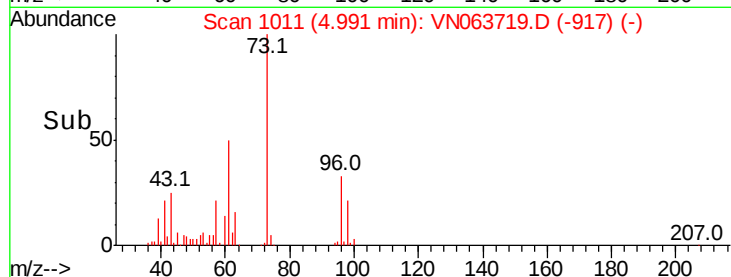
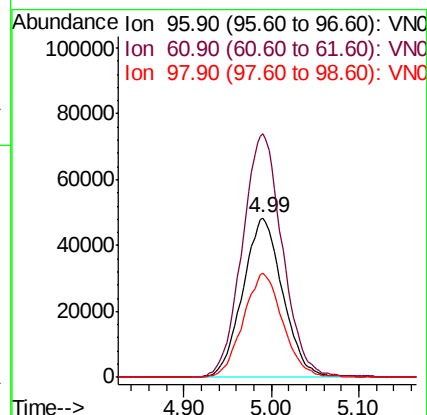
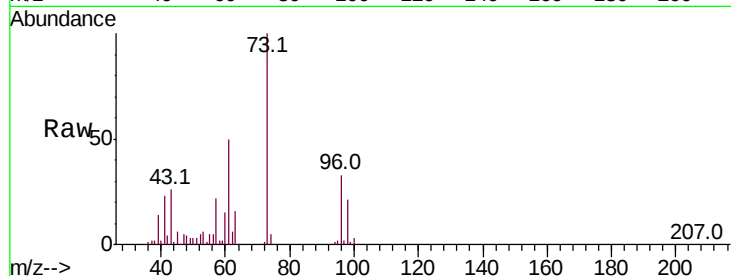




#21
trans-1,2-Dichloroethene
Concen: 41.179 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

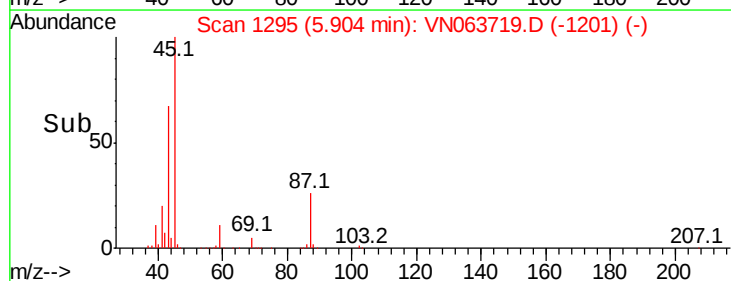
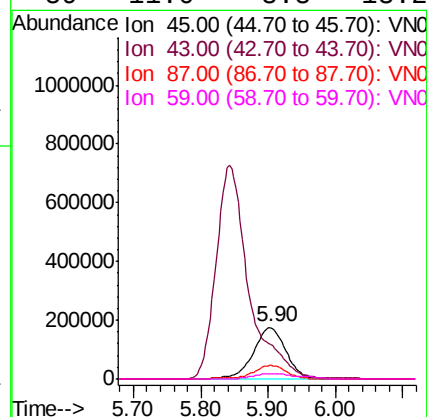
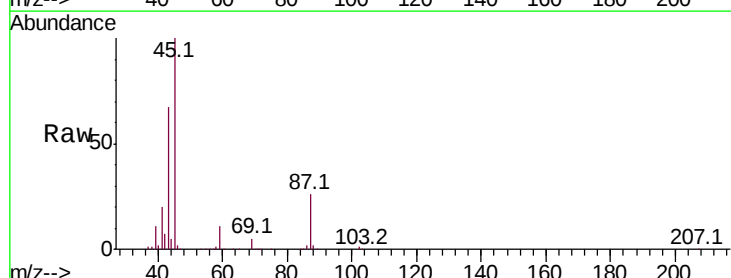
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

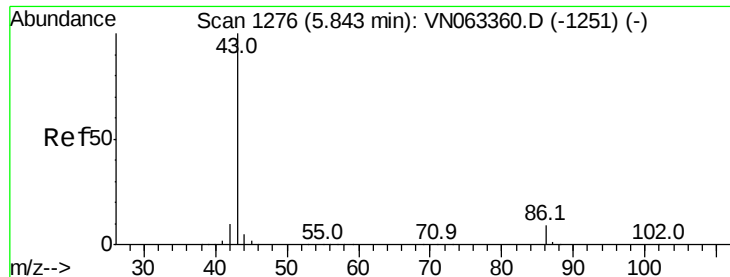
Tot Ion: 96 Resp: 153228
Ion Ratio Lower Upper
96 100
61 152.9 126.2 189.4
98 65.1 51.0 76.4



#22
Diisopropyl ether
Concen: 43.608 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion: 45 Resp: 590835
Ion Ratio Lower Upper
45 100
43 65.7 53.5 80.3
87 26.2 21.2 31.8
59 11.0 8.8 13.2

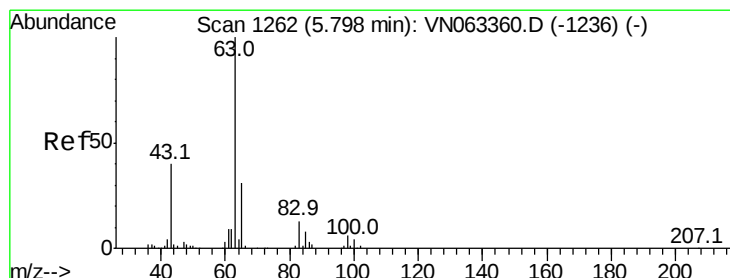
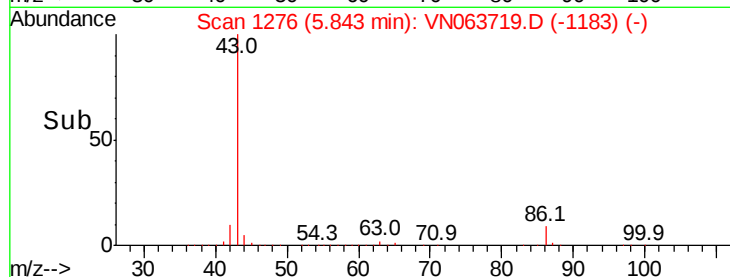
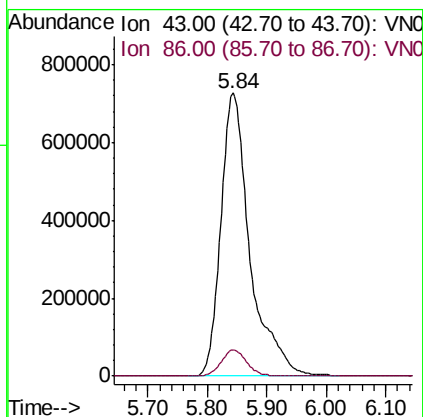
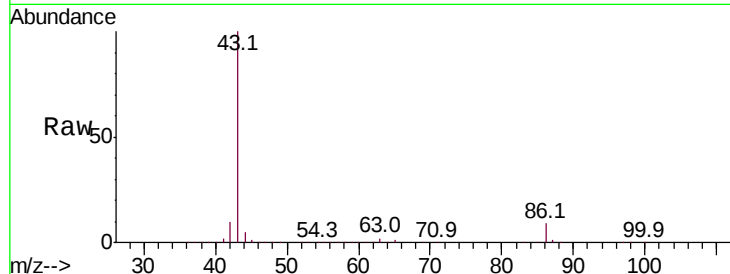




#23
 Vinyl Acetate
 Concen: 222.220 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

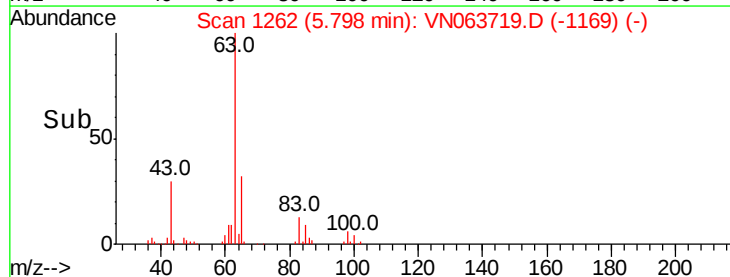
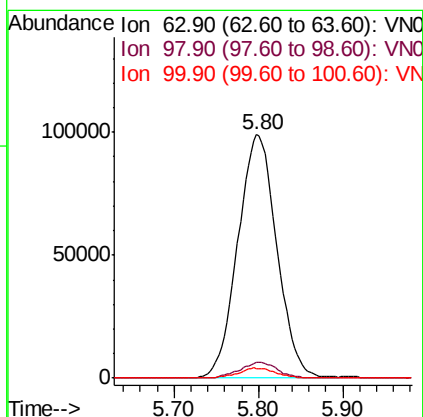
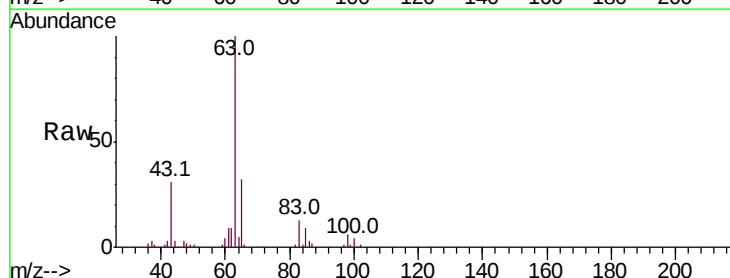
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

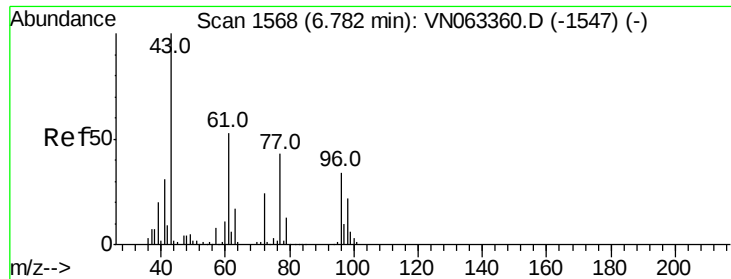
Tot Ion: 43 Resp: 2472696
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 42.981 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Tgt Ion: 63 Resp: 317931
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.8
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 224.529 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

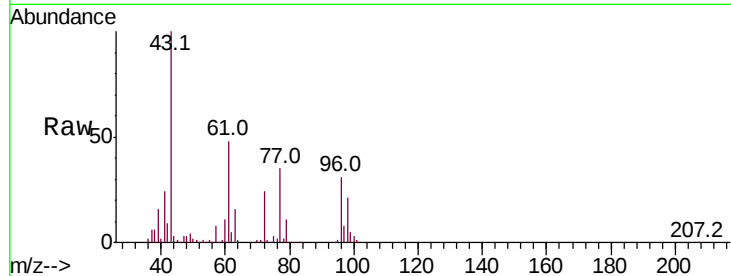
VSTDCCC050EC

Tot Ion: 43 Resp: 562248

Ion Ratio Lower Upper

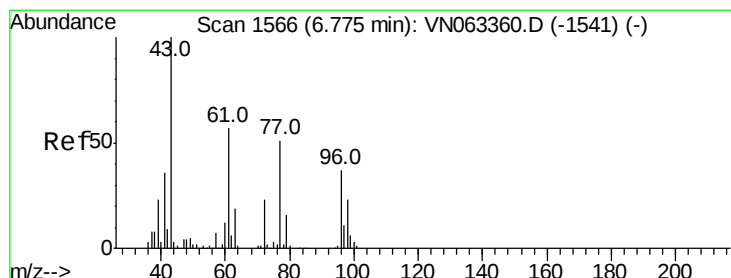
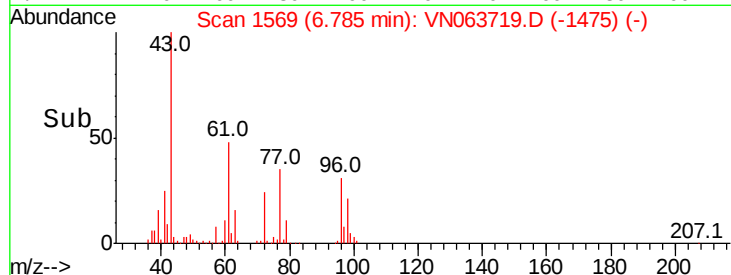
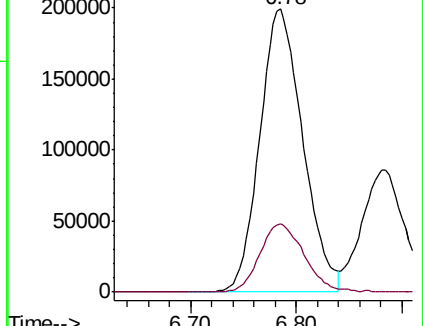
43 100

72 24.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 36.488 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063719.D

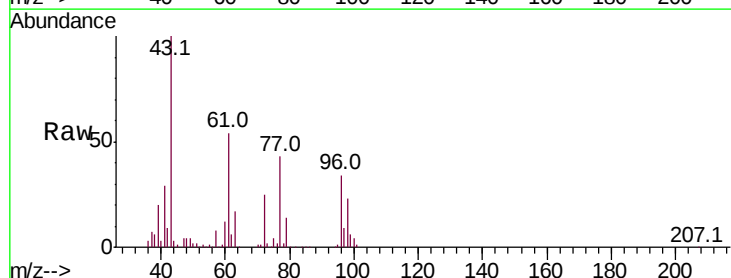
Acq: 28 Sep 2020 20:44

Tgt Ion: 77 Resp: 237637

Ion Ratio Lower Upper

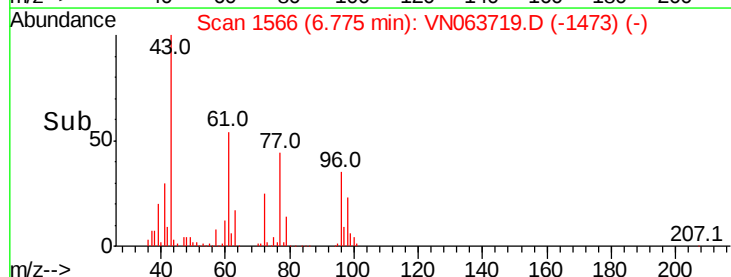
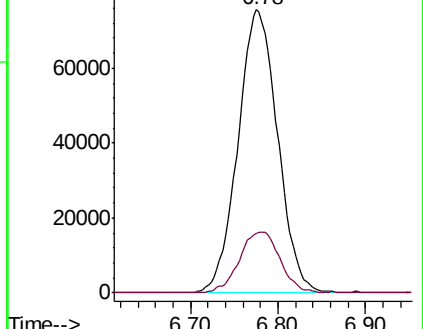
77 100

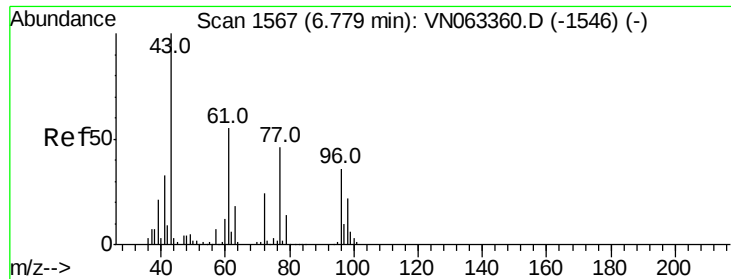
97 22.0 10.5 31.6



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: 44.087 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

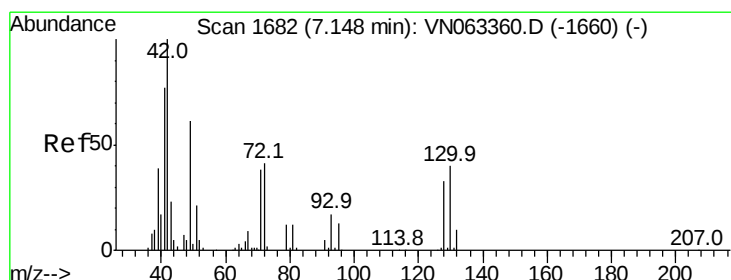
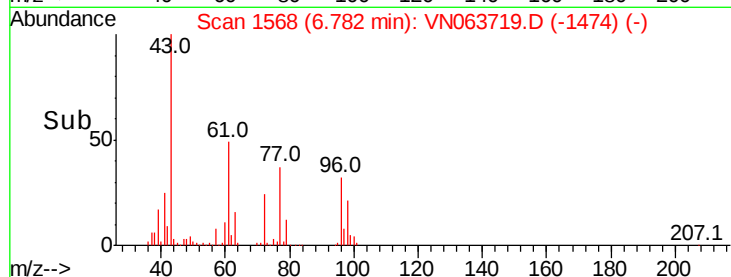
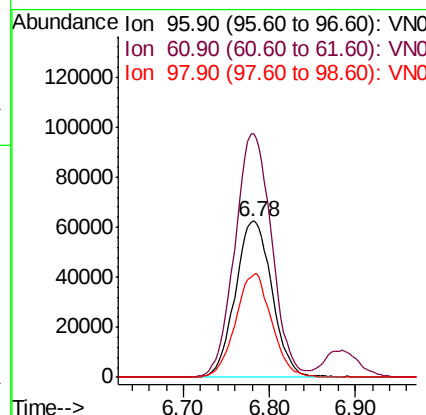
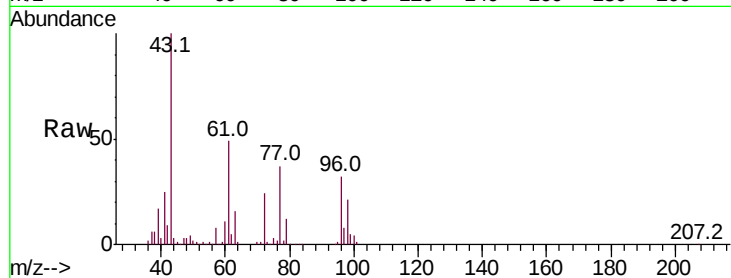
Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 185680

Ion	Ratio	Lower	Upper
96	100		
61	156.4	0.0	319.6
98	65.3	0.0	127.8



#28

Bromochloromethane

Concen: 42.699 ug/l

RT: 7.15 min Scan# 1683

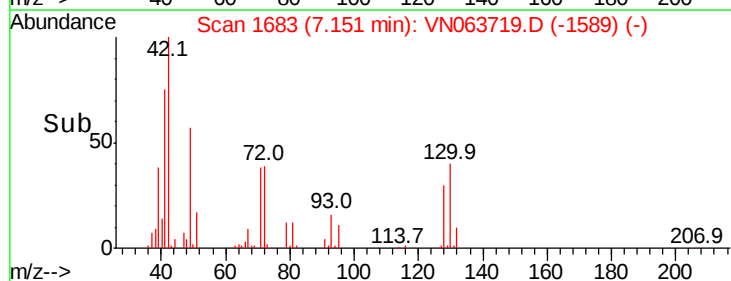
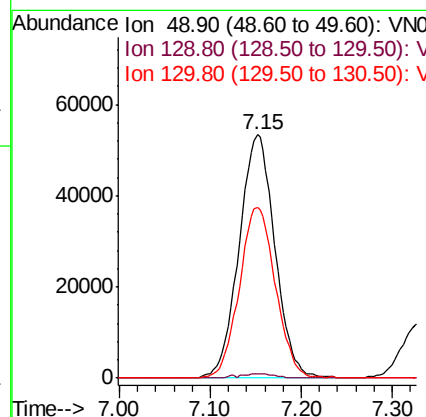
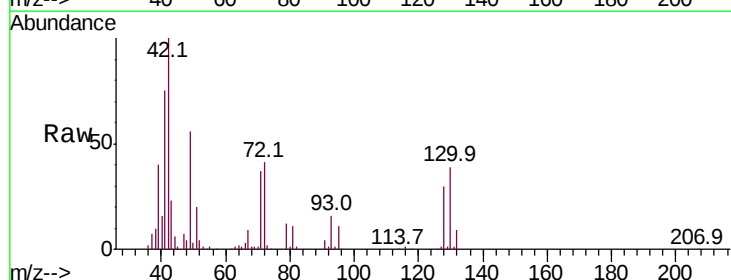
Delta R.T. 0.00 min

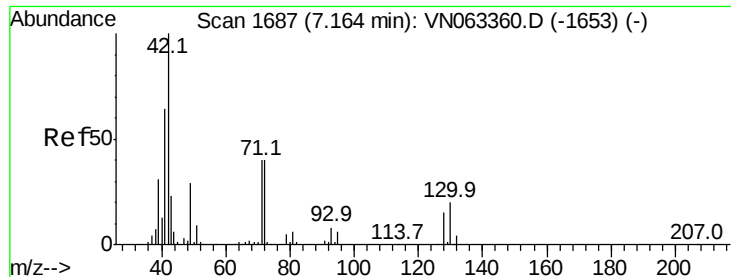
Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Tgt Ion: 49 Resp: 145837

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	70.6	52.2	78.2





#29

Tetrahydrofuran

Concen: 218.521 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

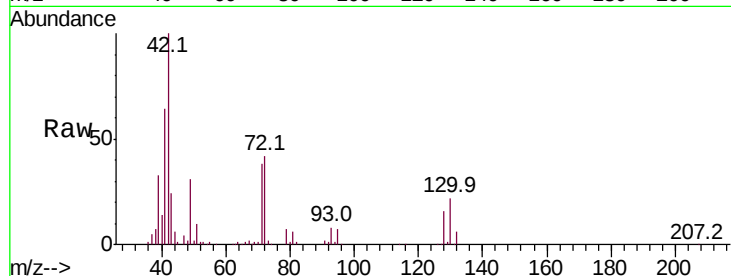
Tot Ion: 42 Resp: 373727

Ion Ratio Lower Upper

42 100

72 42.0 32.1 48.1

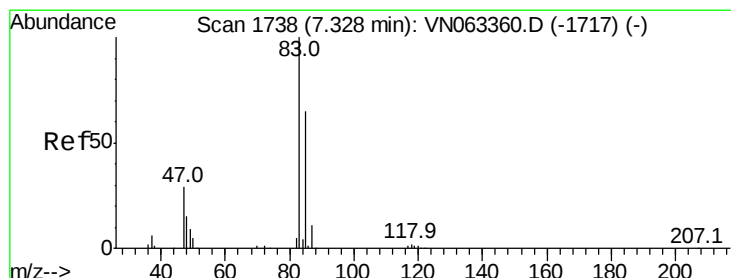
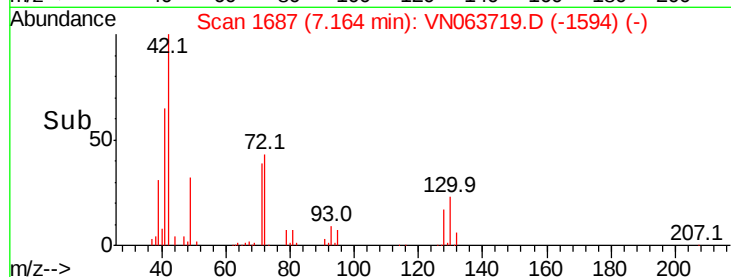
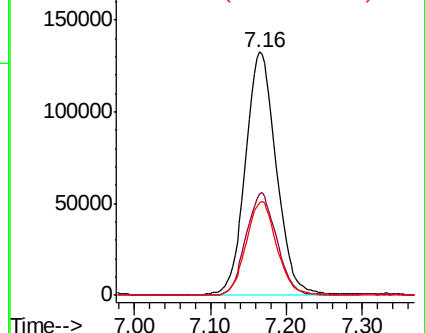
71 38.3 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 45.308 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063719.D

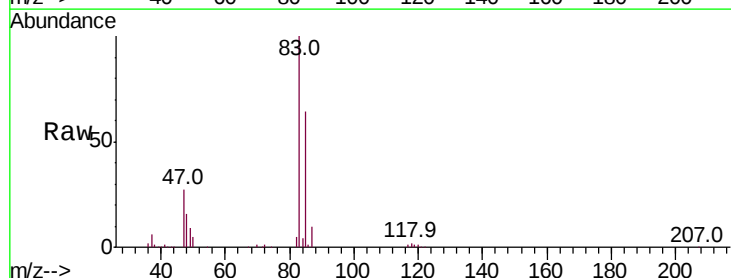
Acq: 28 Sep 2020 20:44

Tgt Ion: 83 Resp: 336247

Ion Ratio Lower Upper

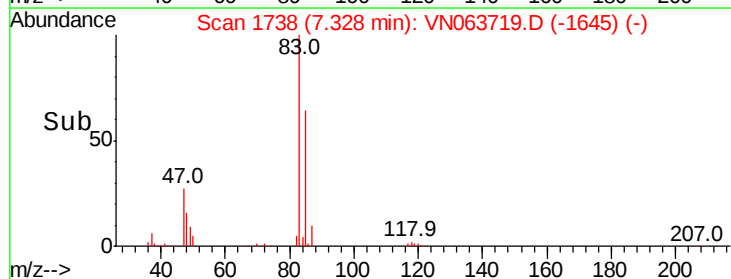
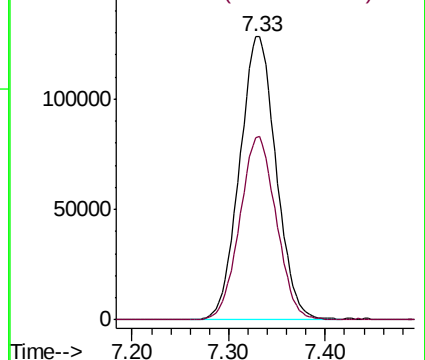
83 100

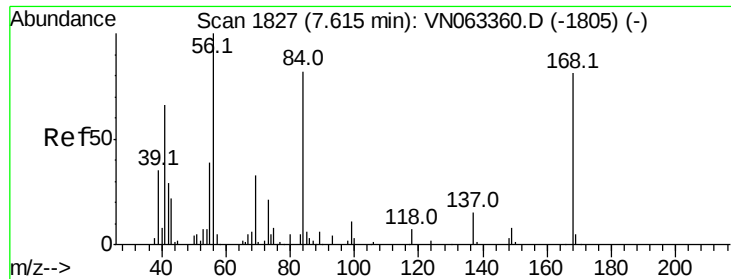
85 64.3 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

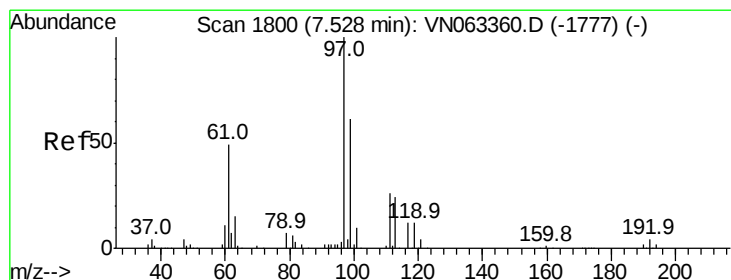
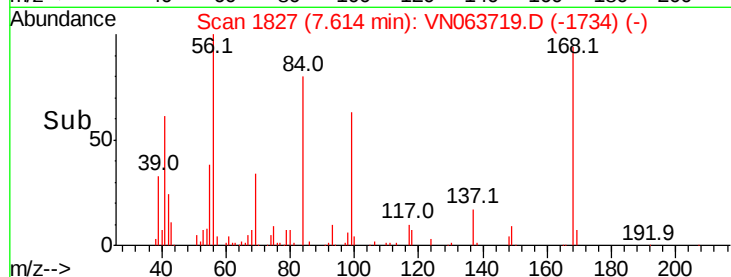
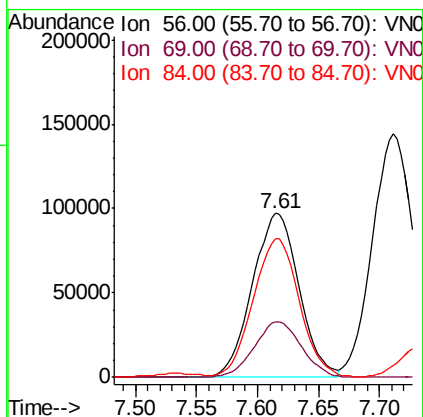
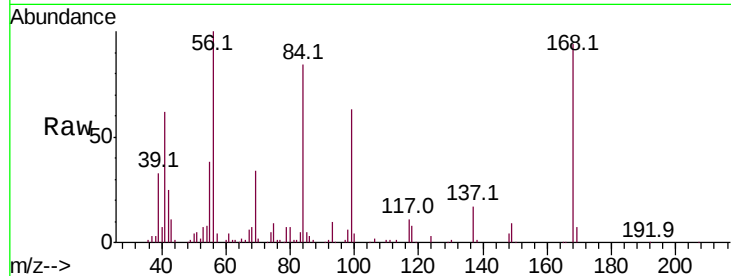




#31
Cyclohexane
Concen: 36.958 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

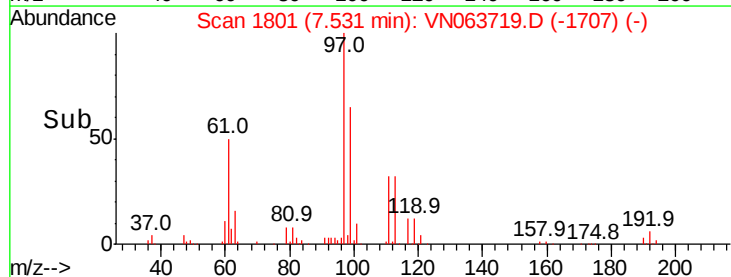
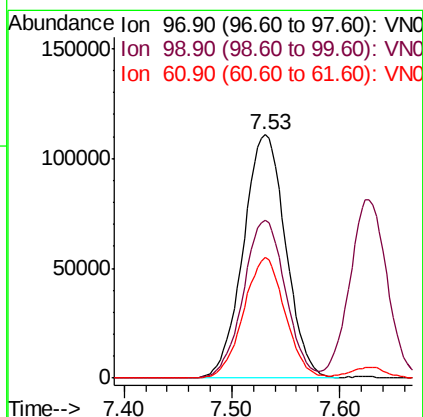
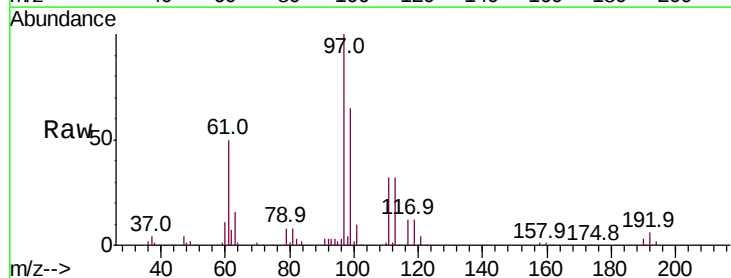
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

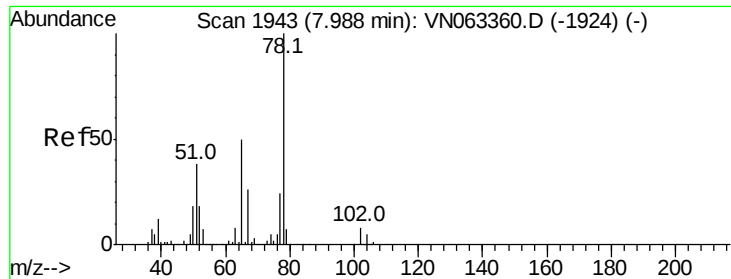
Tot Ion: 56 Resp: 258591
Ion Ratio Lower Upper
56 100
69 34.2 26.1 39.1
84 82.4 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 45.813 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion: 97 Resp: 302402
Ion Ratio Lower Upper
97 100
99 64.5 50.6 76.0
61 48.5 39.2 58.8

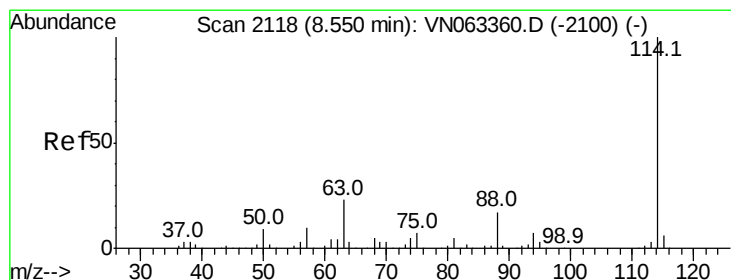
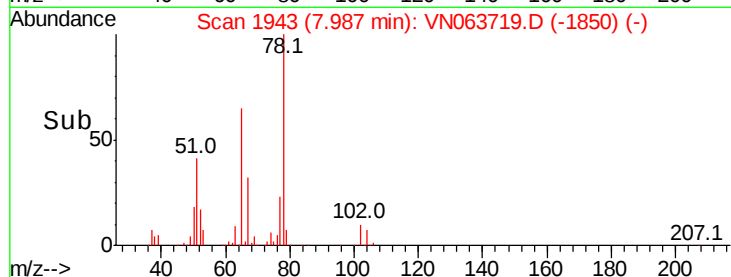
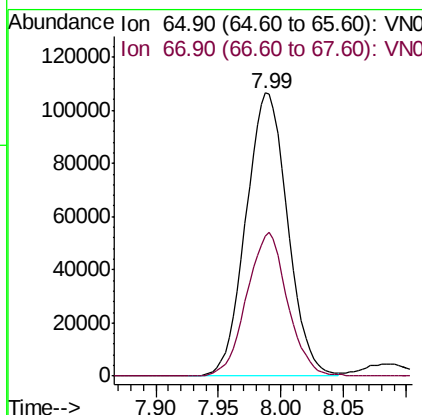
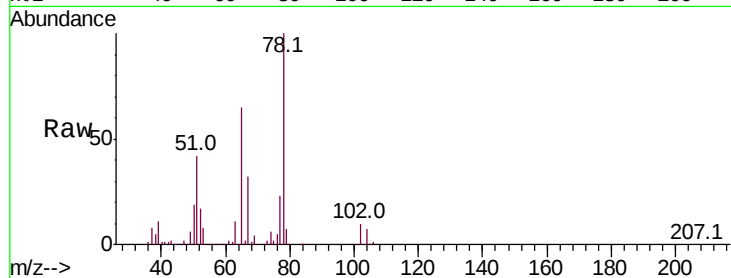




#33
 1,2-Dichloroethane-d4
 Concen: 48.702 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

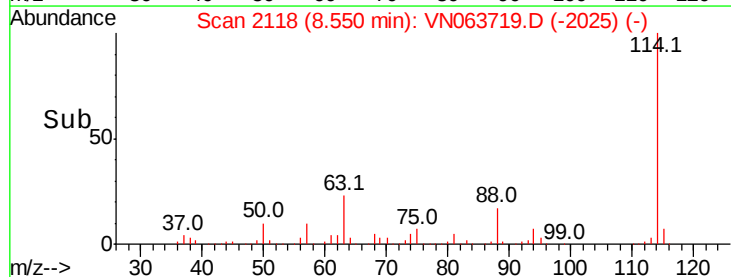
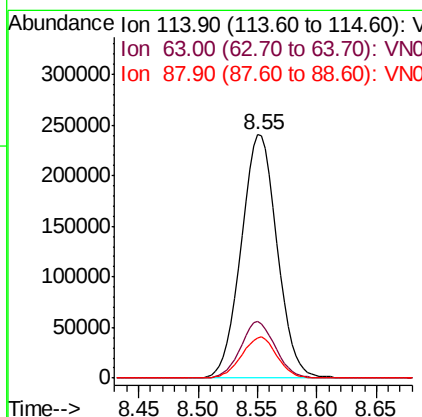
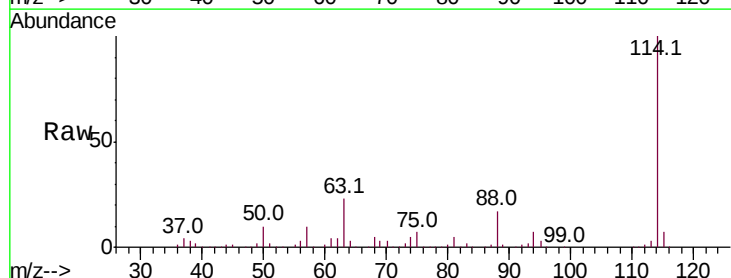
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

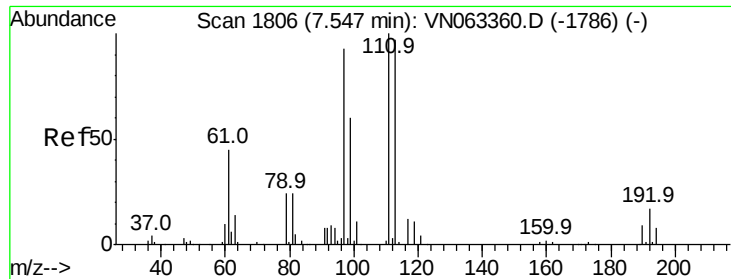
Tot Ion: 65 Resp: 246735
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Tgt Ion: 114 Resp: 503549
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.4
 88 16.5 0.0 33.2

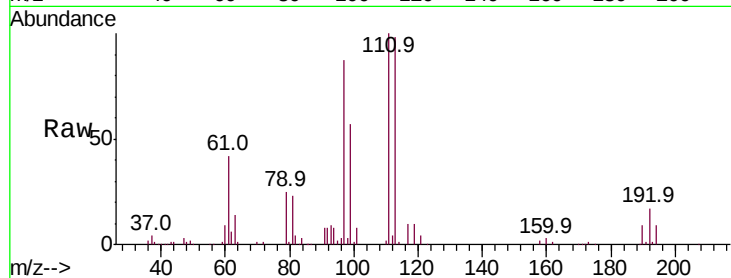




#35
 Dibromofluoromethane
 Concen: 49.202 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	18.5	13.9	20.9

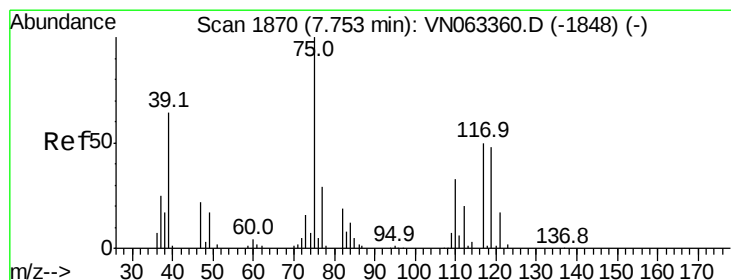
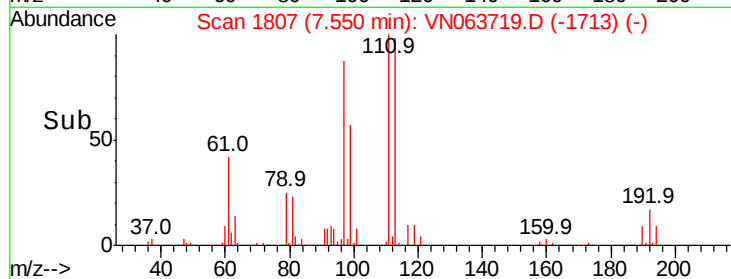
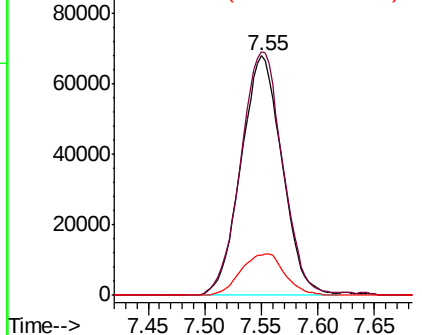


Abundance

Ion 112.80 (112.50 to 113.50): V

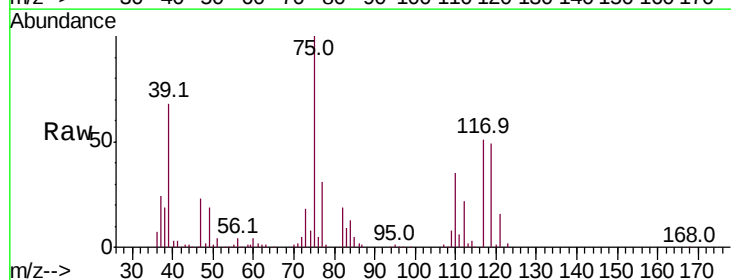
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 43.775 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.5	49.5
77	31.1	24.6	36.8

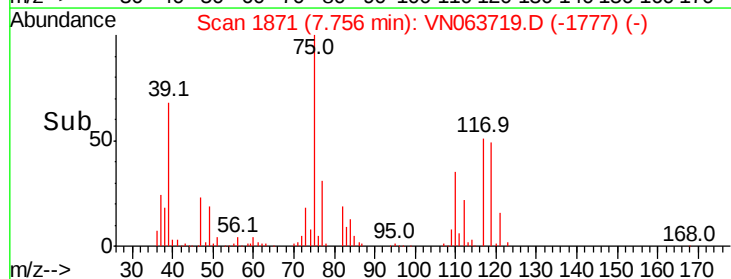
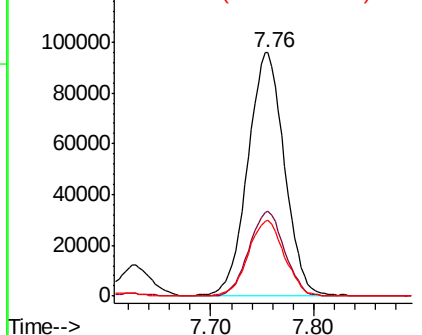


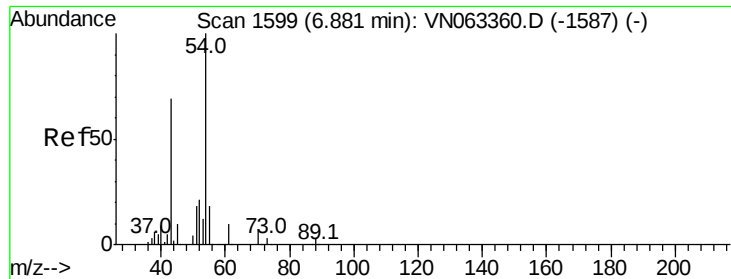
Abundance

Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO

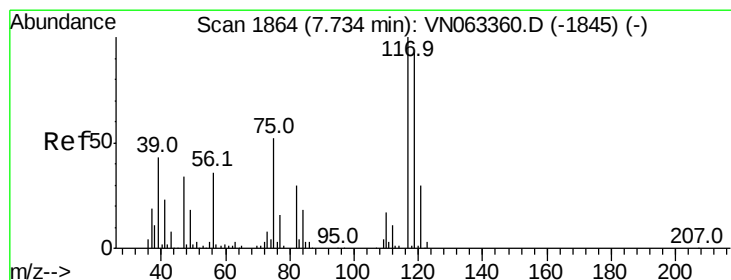
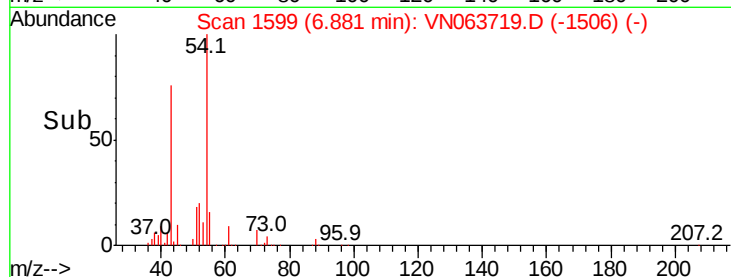
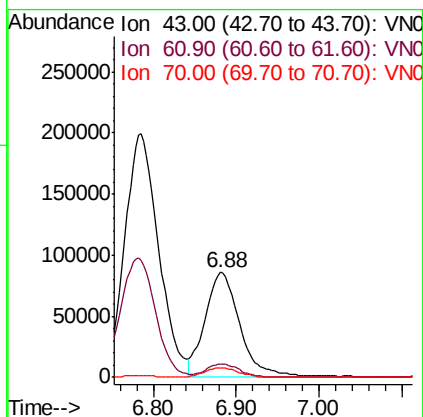
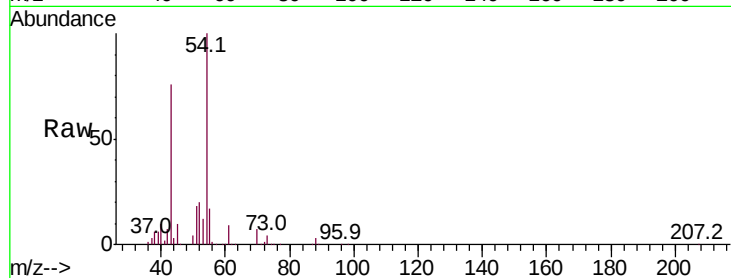




#37
Ethyl Acetate
Concen: 47.054 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

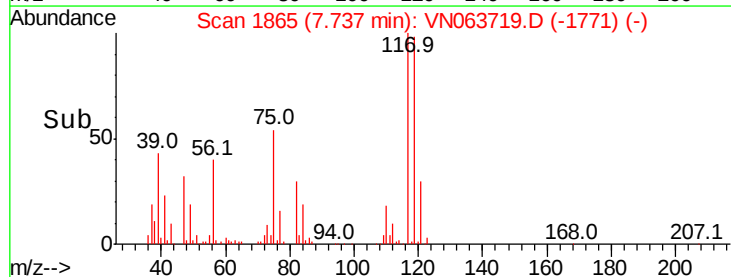
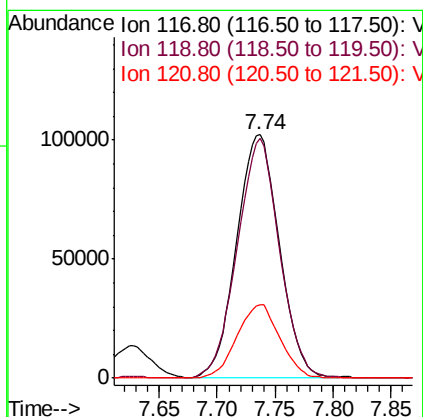
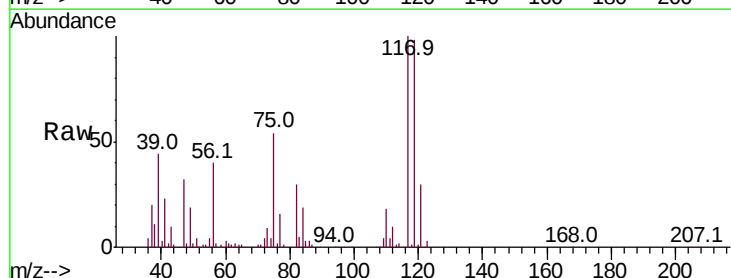
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

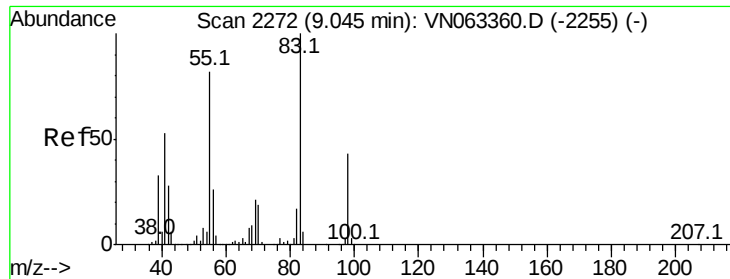
Tot Ion: 43 Resp: 247745
Ion Ratio Lower Upper
43 100
61 12.8 10.6 15.8
70 9.3 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.572 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion: 117 Resp: 260515
Ion Ratio Lower Upper
117 100
119 98.4 74.5 111.7
121 30.5 24.1 36.1

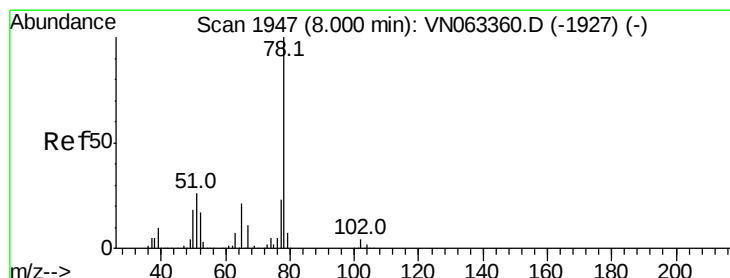
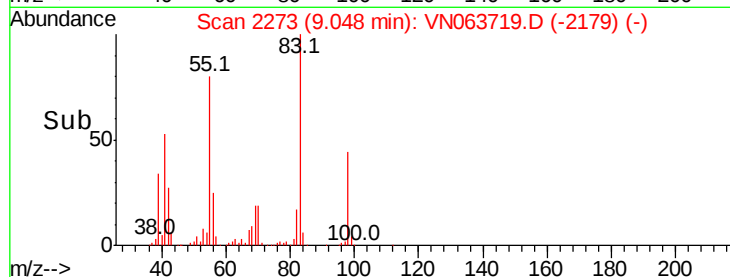
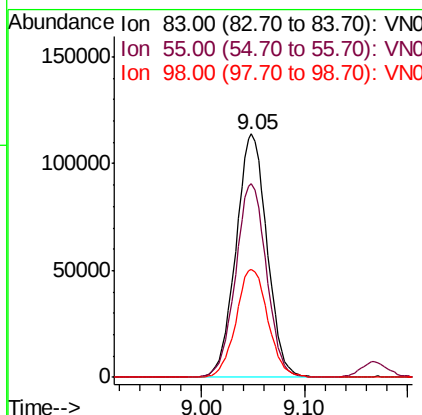
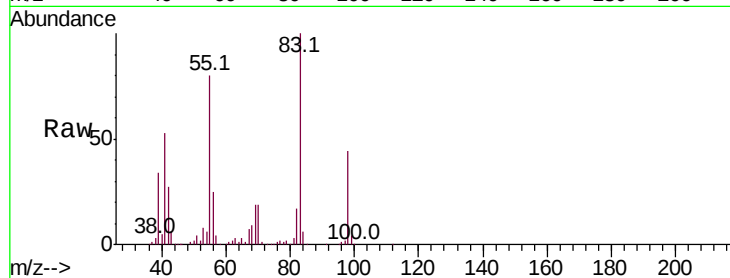




#39
Methvlcvclohexane
Concen: 40.971 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

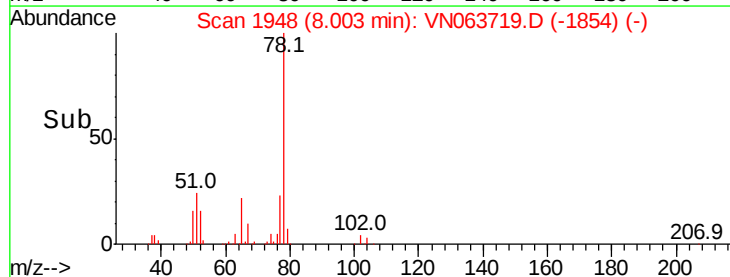
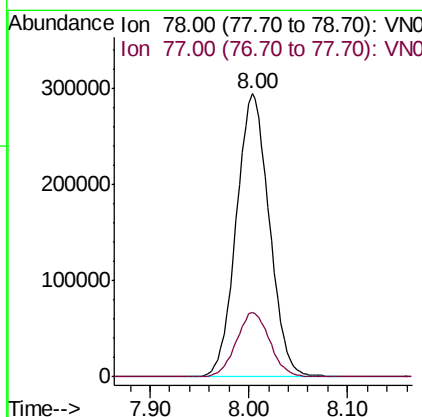
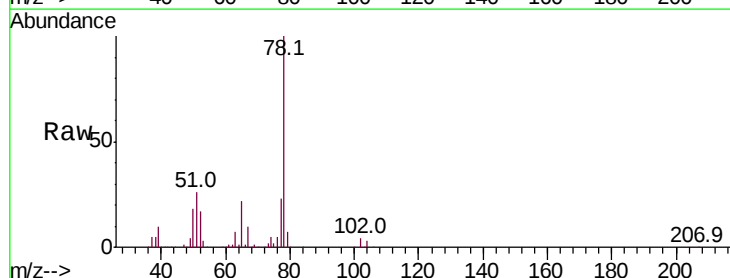
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

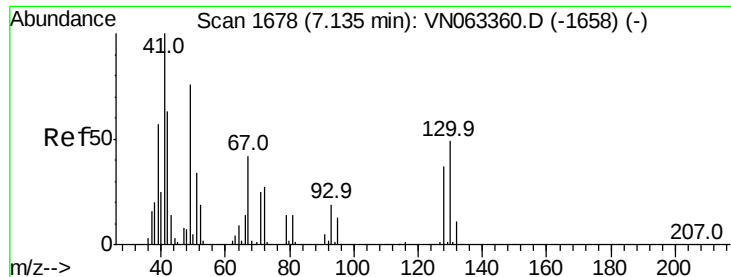
Tot Ion	83	Resp	238547
Ion Ratio	100	Lower	Upper
55	79.8	65.5	98.3
98	44.3	34.2	51.4



#40
Benzene
Concen: 44.583 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion	78	Resp	682740
Ion Ratio	100	Lower	Upper
77	22.8	18.3	27.5

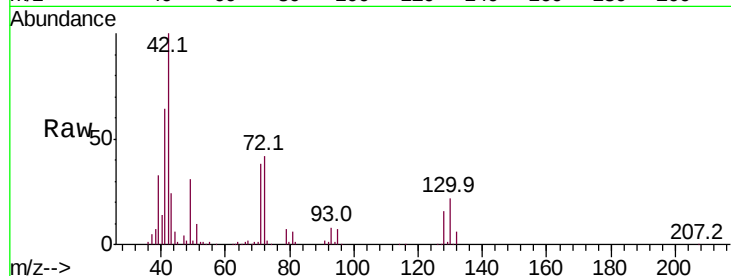




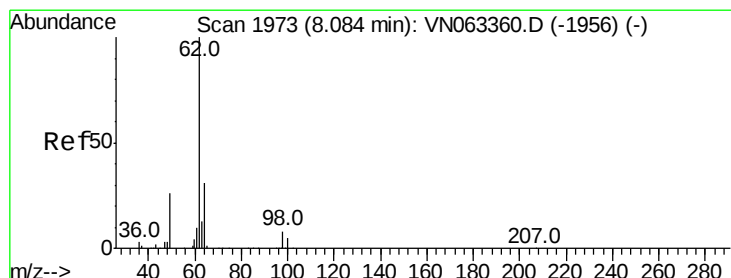
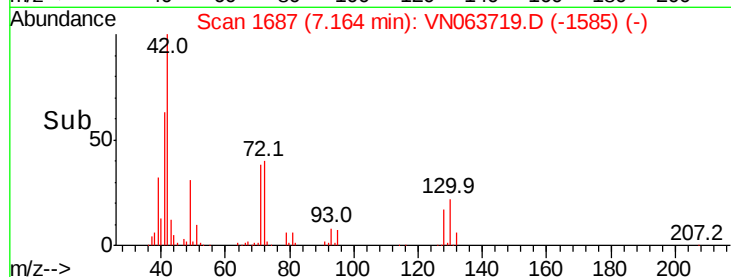
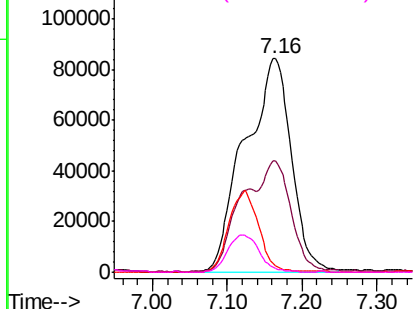
#41
Methacrylonitrile
Concen: 153.971 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	364613
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

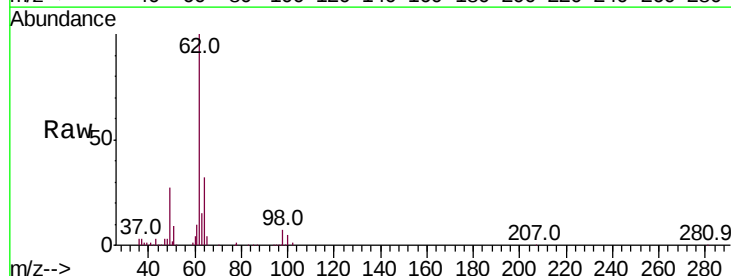


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

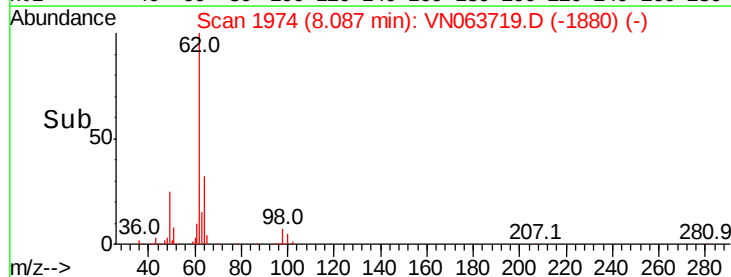
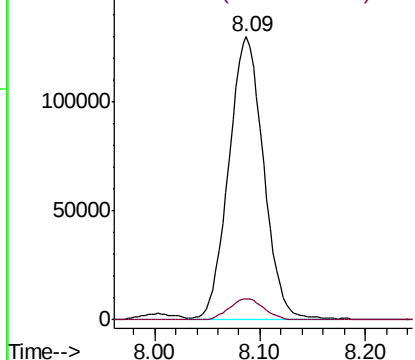


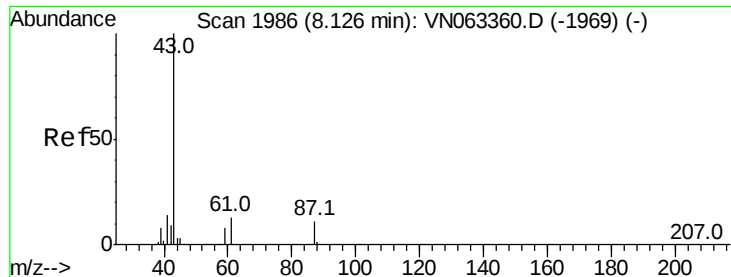
#42
1,2-Dichloroethane
Concen: 48.082 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion:	62	Resp:	296111
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 45.345 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

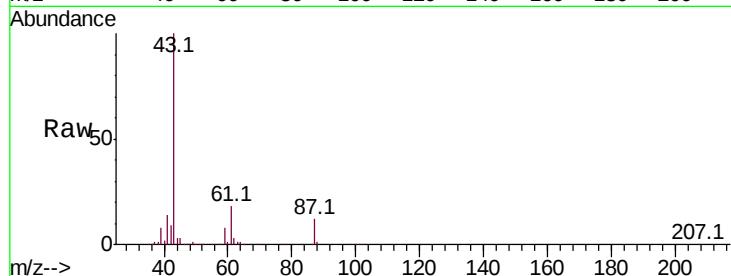
Tot Ion: 43 Resp: 426904

Ion Ratio Lower Upper

43 100

61 24.4 14.2 21.2#

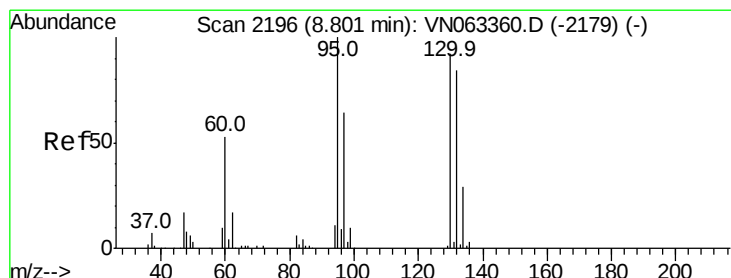
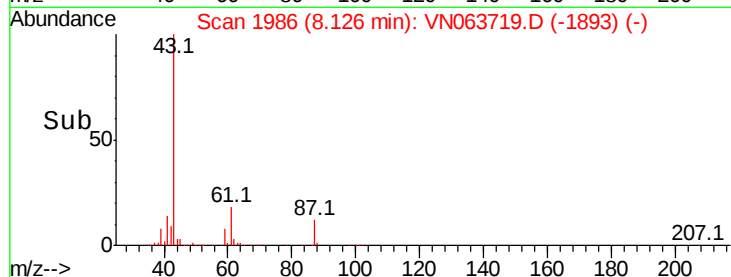
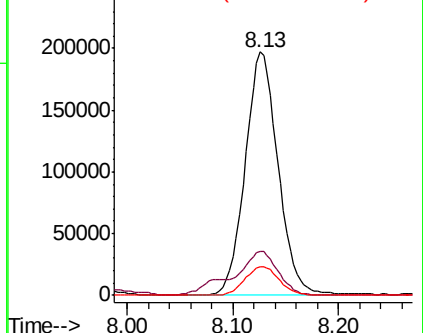
87 12.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)



#44

Trichloroethene

Concen: 47.943 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063719.D

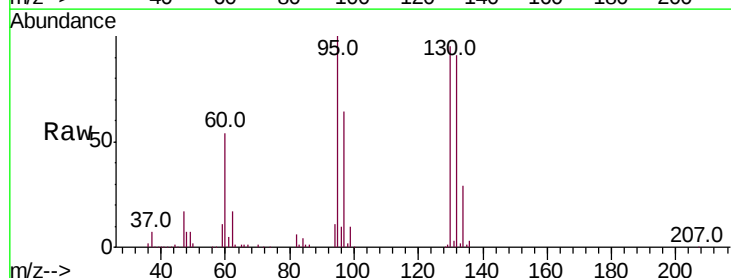
Acq: 28 Sep 2020 20:44

Tgt Ion:130 Resp: 178077

Ion Ratio Lower Upper

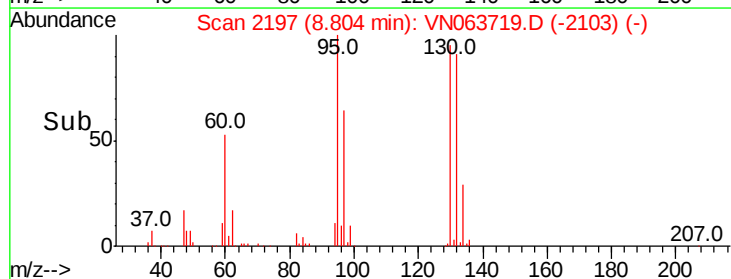
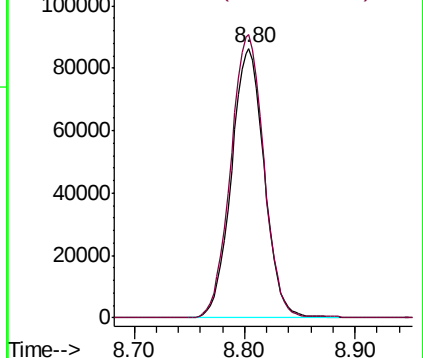
130 100

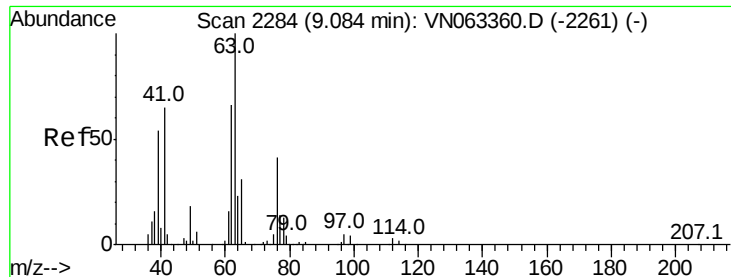
95 105.1 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 44.606 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

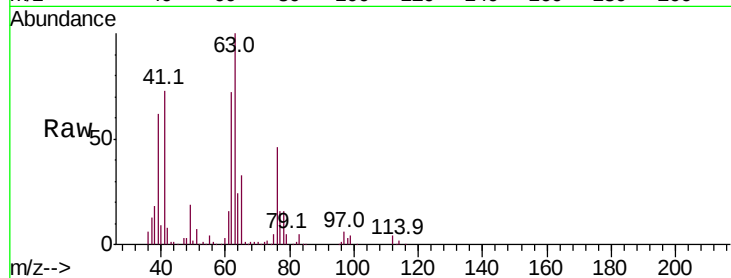
VSTDCCC050EC

Tot Ion: 63 Resp: 186045

Ion Ratio Lower Upper

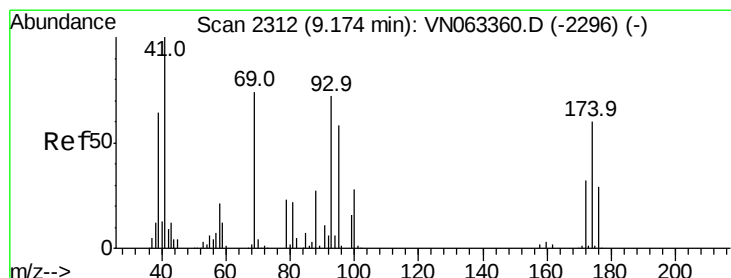
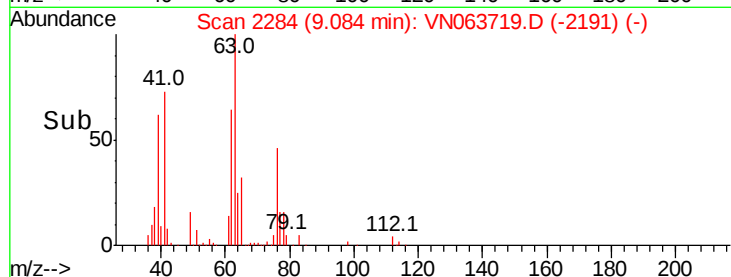
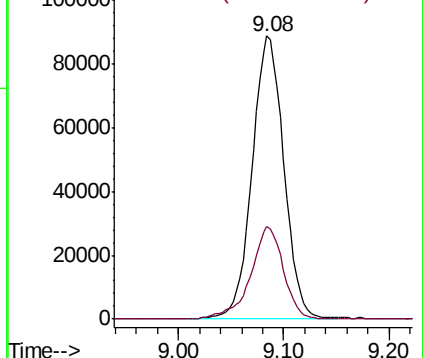
63 100

65 32.8 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 47.106 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

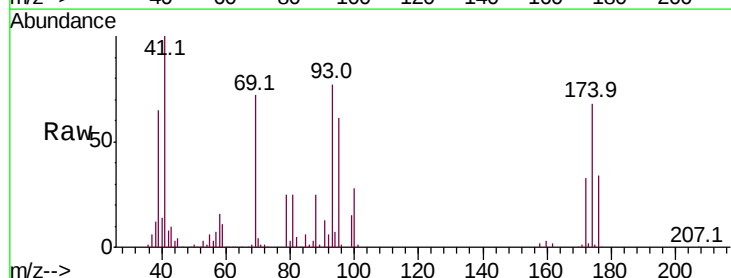
Tgt Ion: 93 Resp: 129132

Ion Ratio Lower Upper

93 100

95 82.6 65.6 98.4

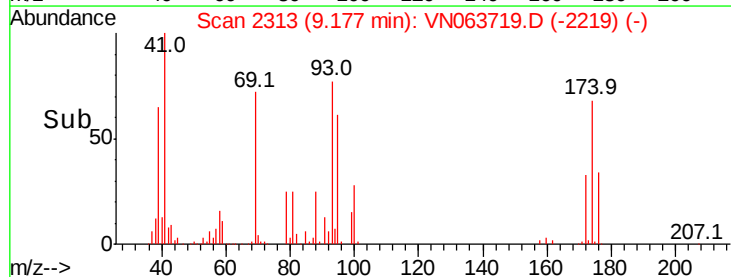
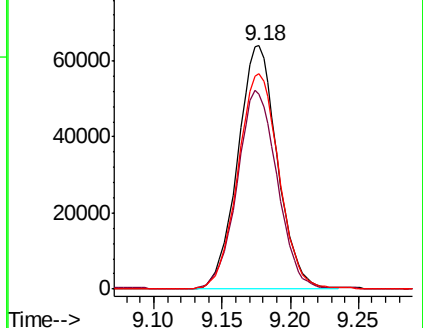
174 91.7 68.1 102.1

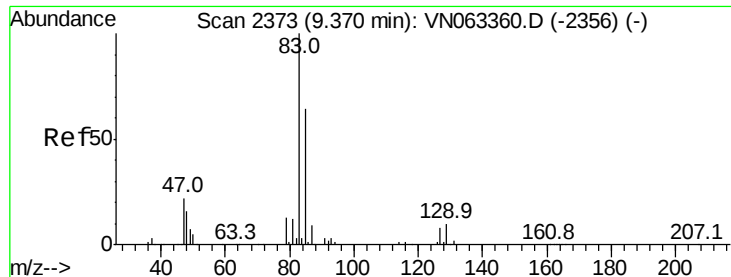


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 48.061 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

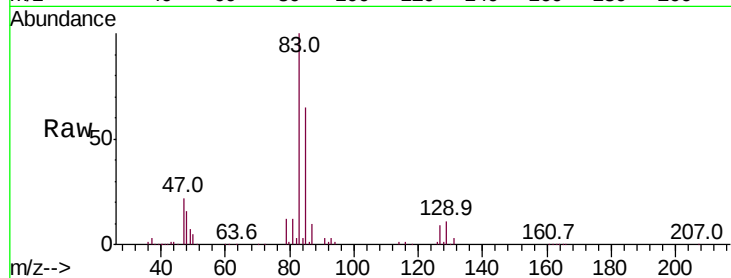
Tot Ion: 83 Resp: 273712

Ion Ratio Lower Upper

83 100

85 64.6 51.0 76.6

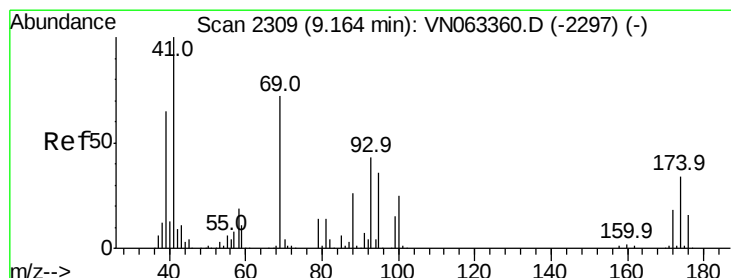
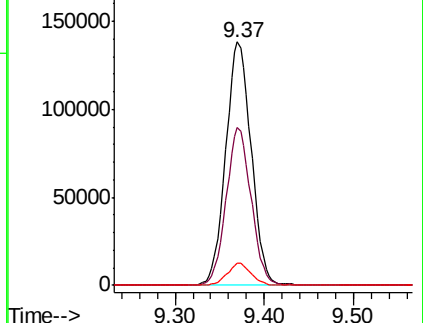
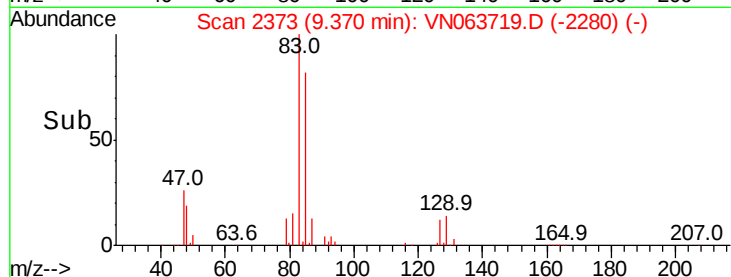
127 9.1 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063719.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063719.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063719.D (-2280) (-)



#48

Methyl methacrylate

Concen: 45.809 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

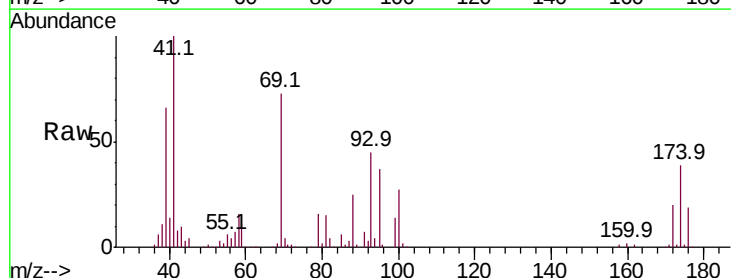
Tgt Ion: 41 Resp: 211887

Ion Ratio Lower Upper

41 100

69 76.6 59.3 88.9

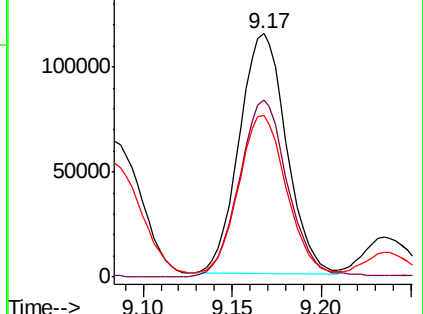
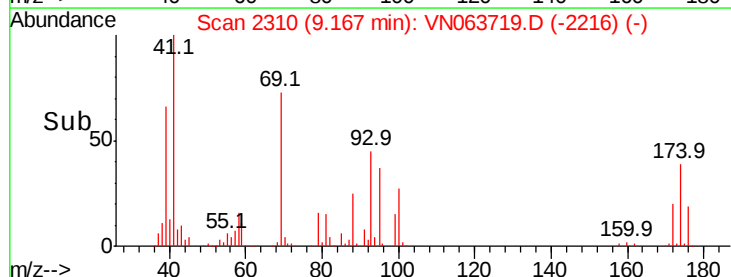
39 68.6 52.9 79.3

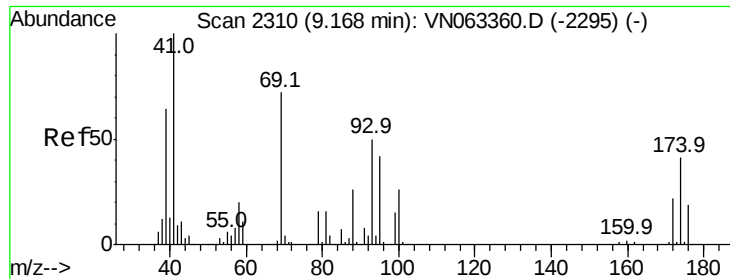


Abundance Ion 41.00 (40.70 to 41.70): VN063719.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN063719.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN063719.D (-2216) (-)

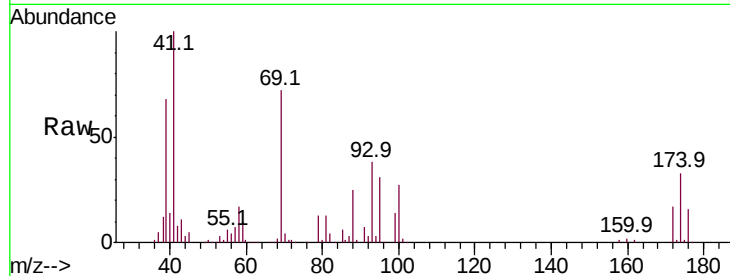




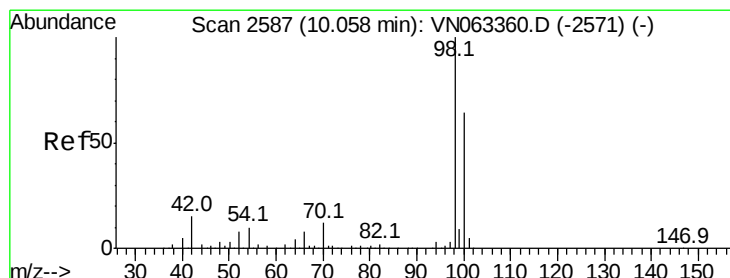
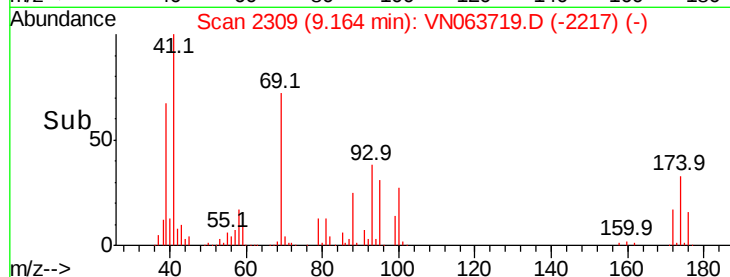
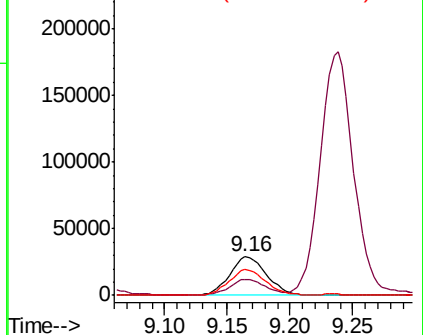
#49
1,4-Dioxane
Concen: 899.861 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 59731
Ion Ratio Lower Upper
88 100
43 37.1 32.6 49.0
58 65.9 60.0 90.0

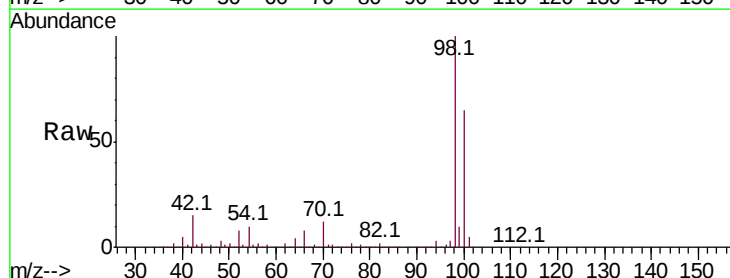


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

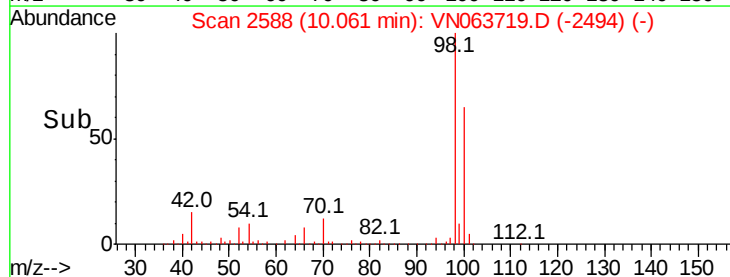
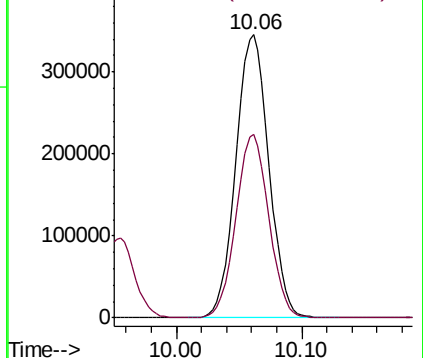


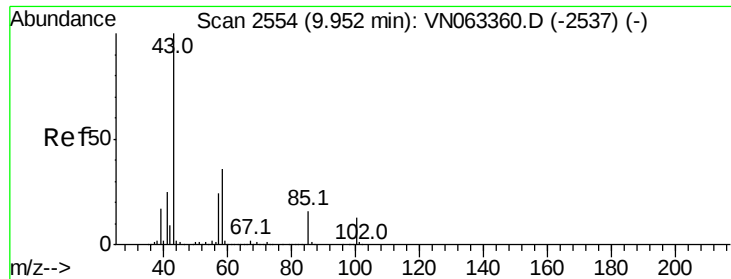
#50
Toluene-d8
Concen: 48.184 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion: 98 Resp: 631595
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 241.355 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

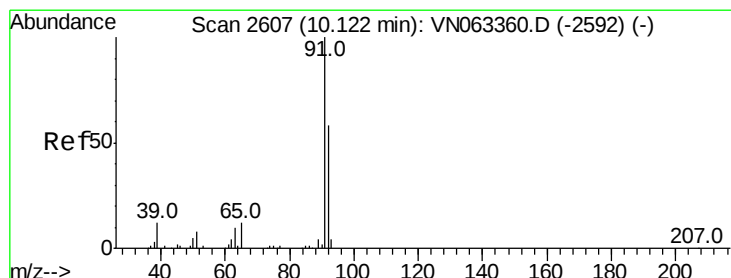
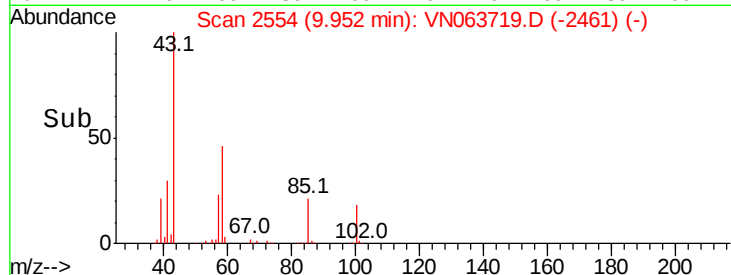
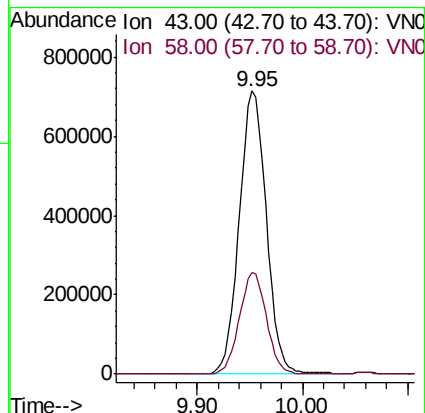
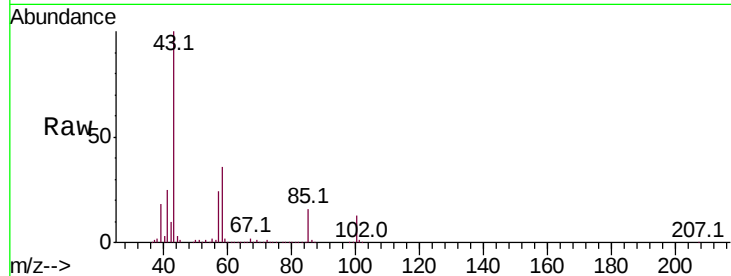
VSTDCCC050EC

Tot Ion: 43 Resp: 1272089

Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.6



#52

Toluene

Concen: 47.915 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063719.D

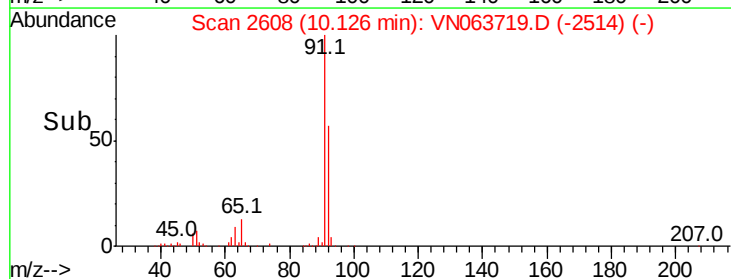
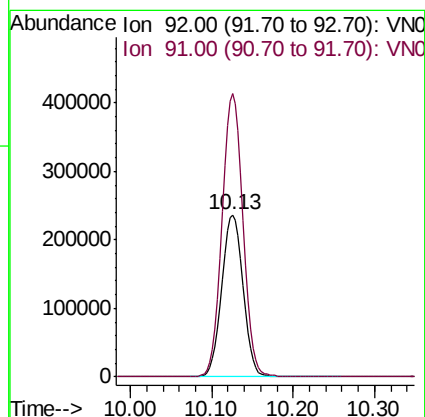
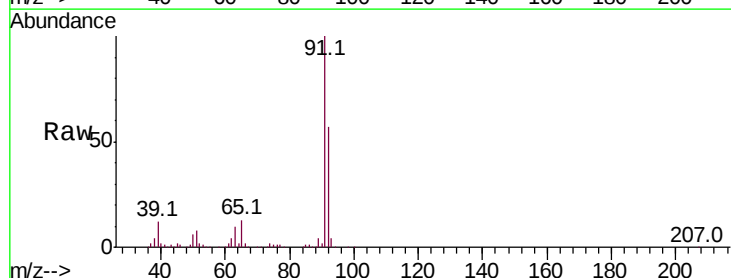
Acq: 28 Sep 2020 20:44

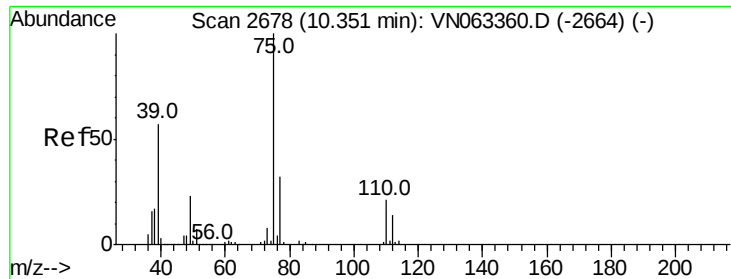
Tgt Ion: 92 Resp: 441165

Ion Ratio Lower Upper

92 100

91 171.3 139.7 209.5

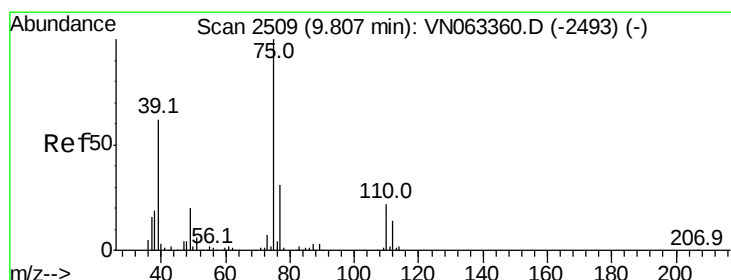
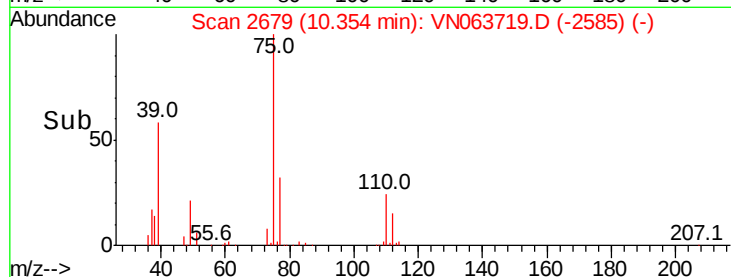
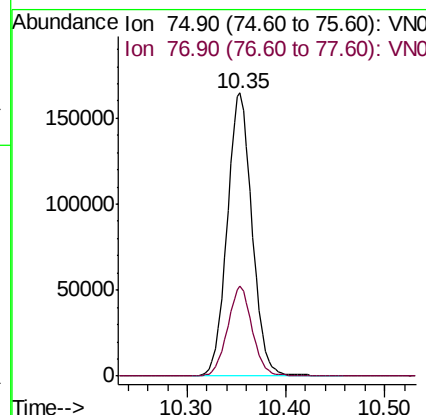
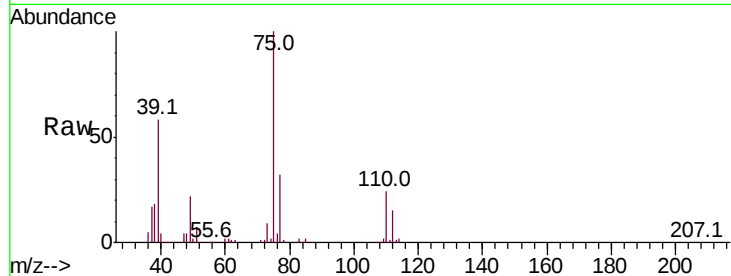




#53
 t-1,3-Dichloropropene
 Concen: 45.901 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

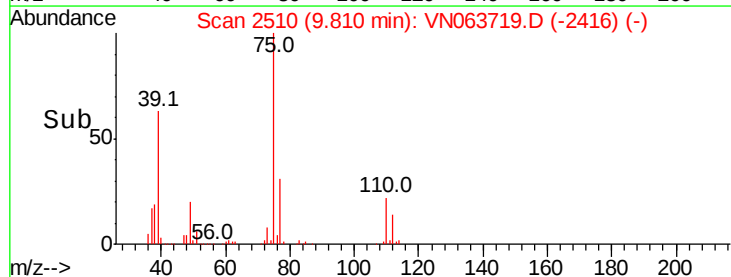
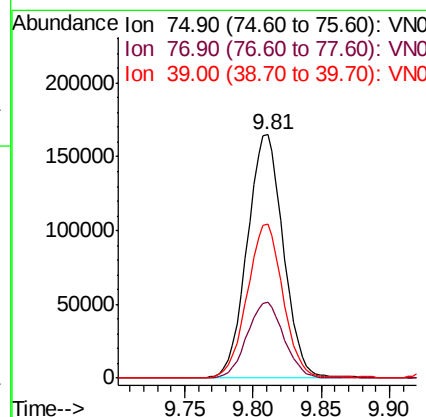
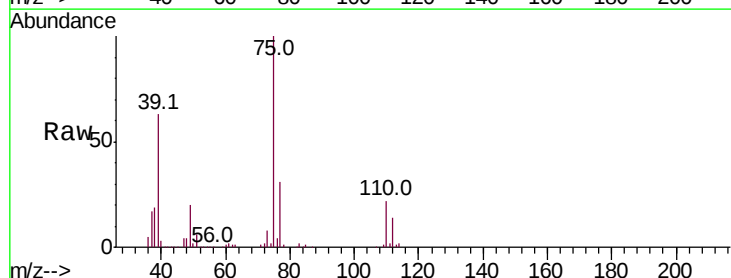
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

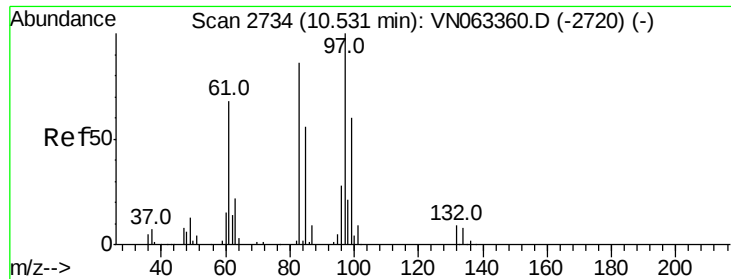
Tot Ion: 75 Resp: 291834
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 45.131 ug/l
 RT: 9.81 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Tgt Ion: 75 Resp: 302663
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0
 39 62.9 49.8 74.8



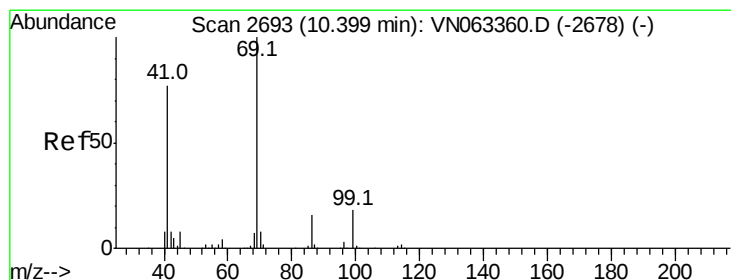
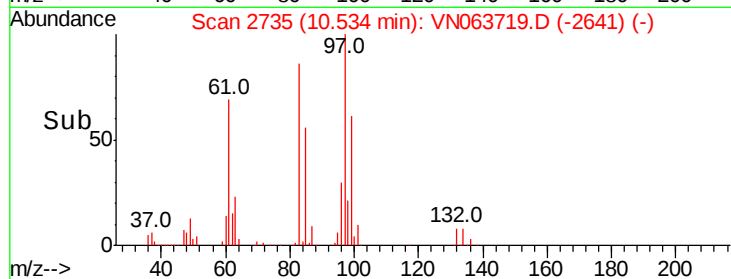
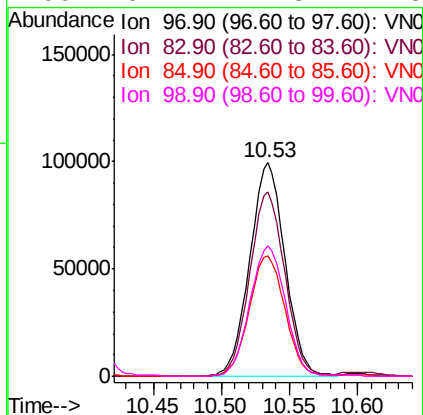
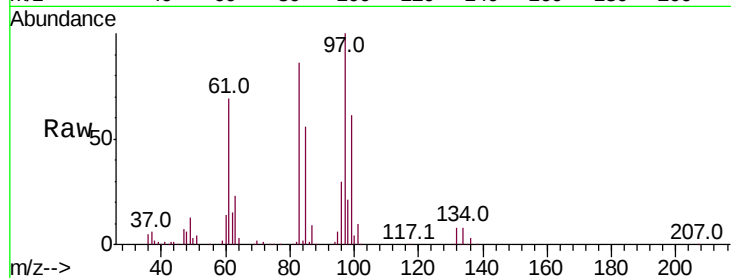


#55
 1,1,2-Trichloroethane
 Concen: 48.920 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 178908

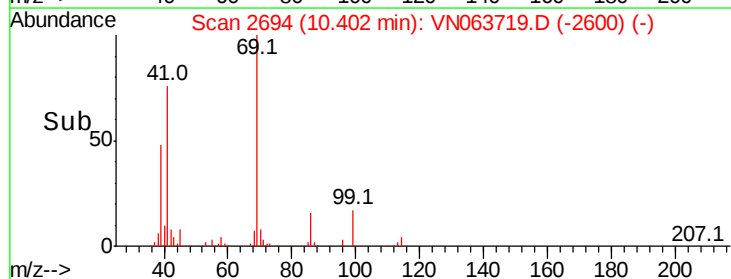
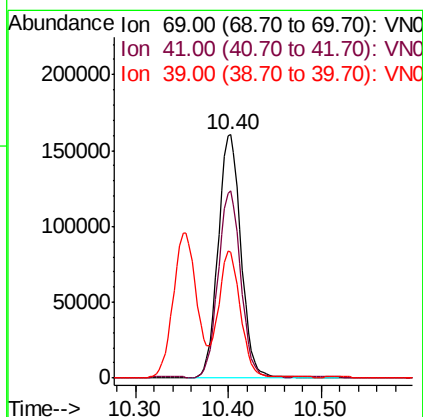
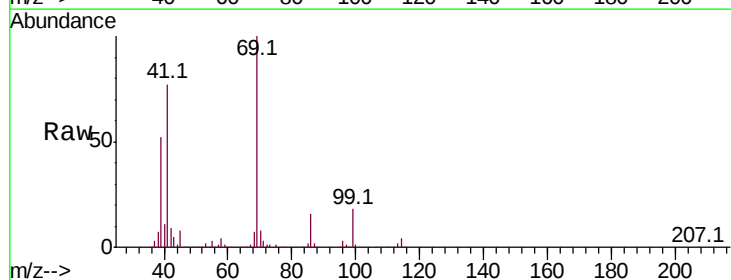
Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.9	103.3
85	56.4	44.8	67.2
99	61.1	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 48.115 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Tgt Ion: 69 Resp: 274701

Ion	Ratio	Lower	Upper
69	100		
41	75.2	61.0	91.6
39	50.1	39.2	58.8





#57

1,3-Dichloropropane

Concen: 45.959 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

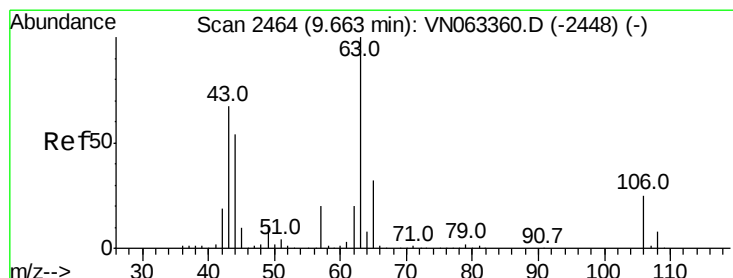
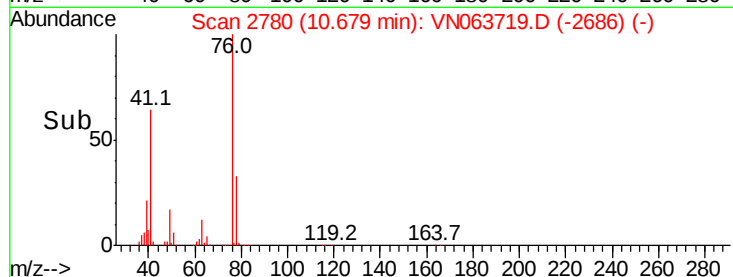
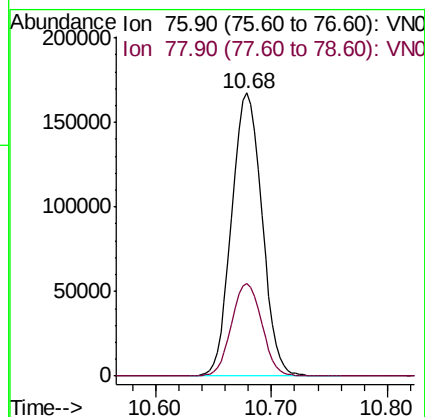
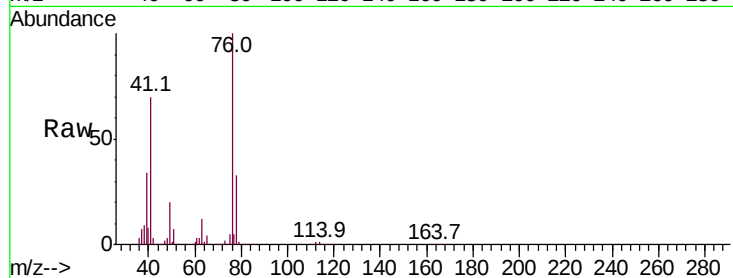
VSTDCCC050EC

Tot Ion: 76 Resp: 303101

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 221.673 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN063719.D

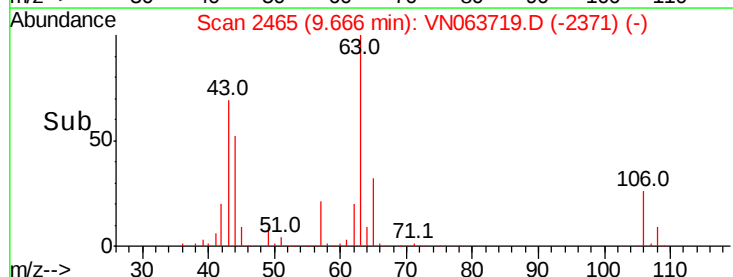
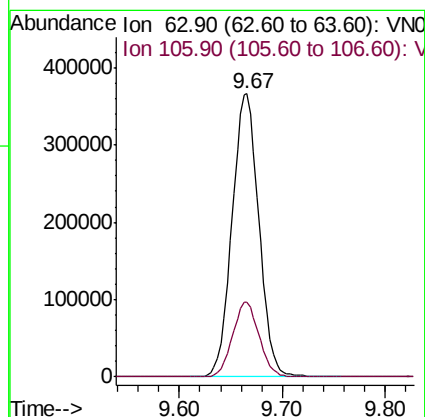
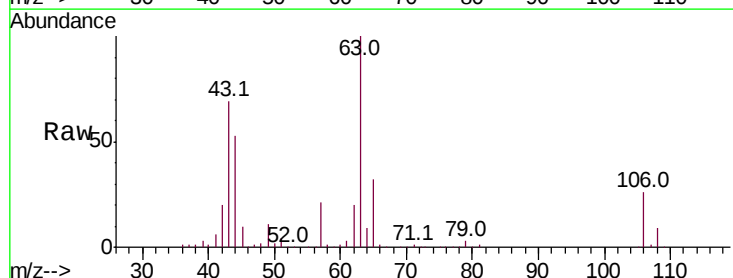
Acq: 28 Sep 2020 20:44

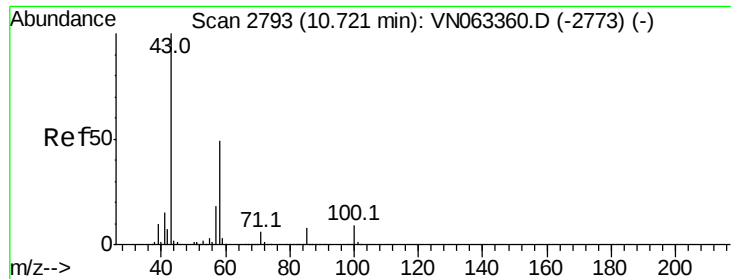
Tgt Ion: 63 Resp: 663906

Ion Ratio Lower Upper

63 100

106 26.1 19.5 29.3

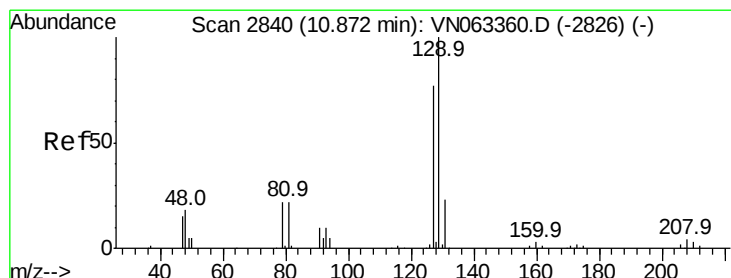
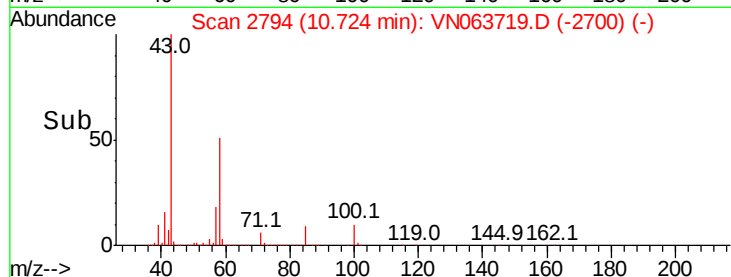
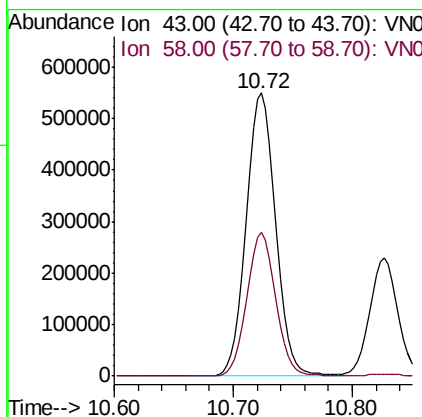
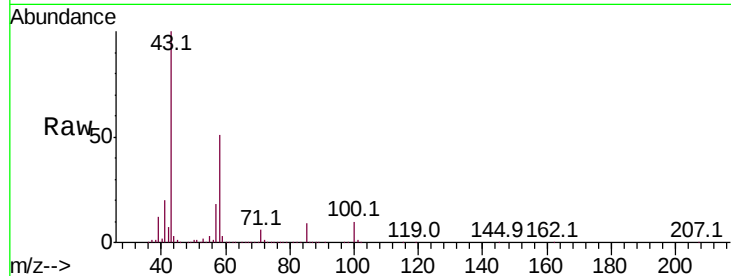




#59
2-Hexanone
Concen: 245.975 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

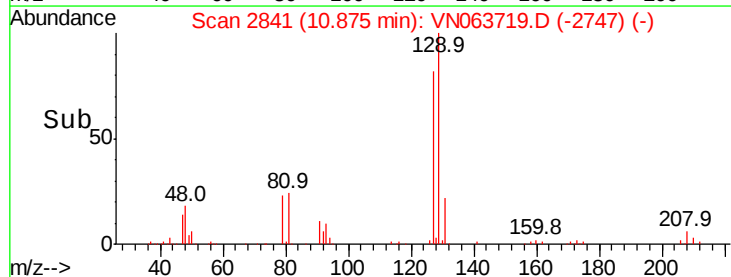
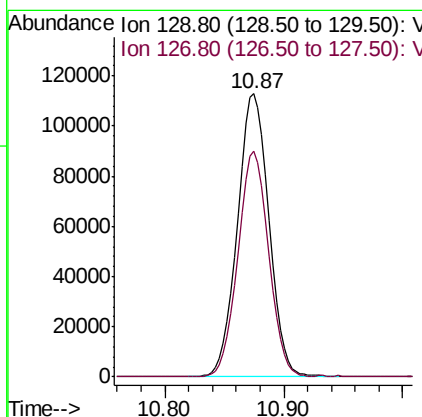
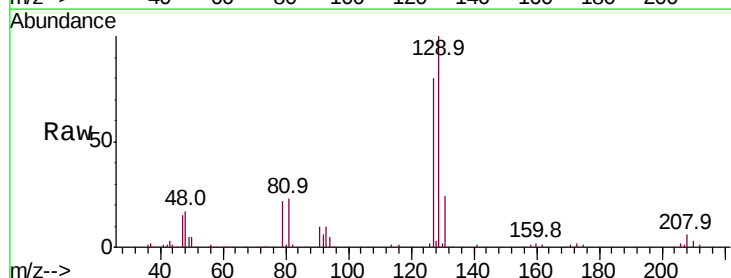
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

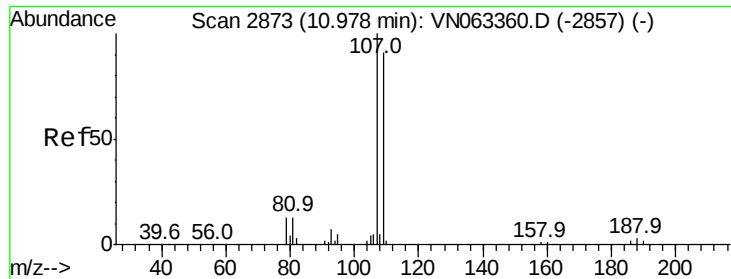
Tot Ion: 43 Resp: 939233
Ion Ratio Lower Upper
43 100
58 50.1 24.7 74.1



#60
Dibromochloromethane
Concen: 50.217 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion: 129 Resp: 207478
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 49.318 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

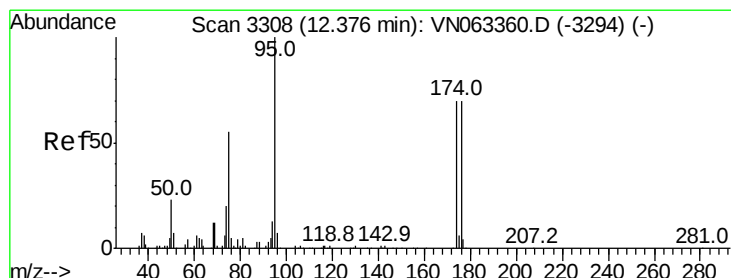
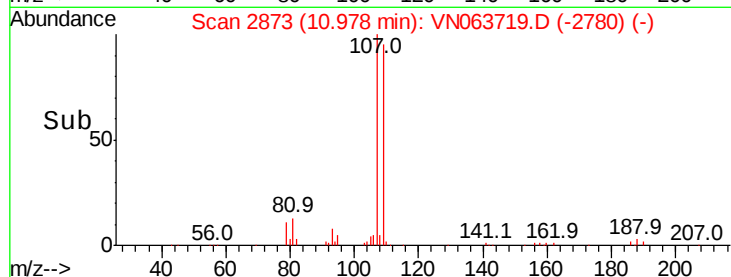
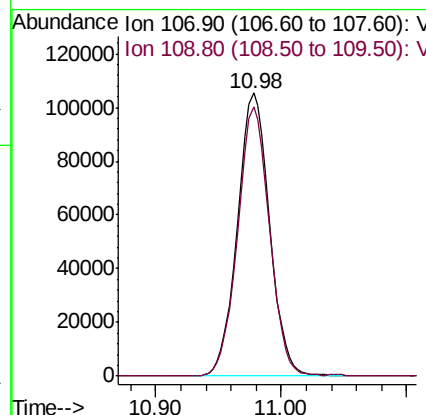
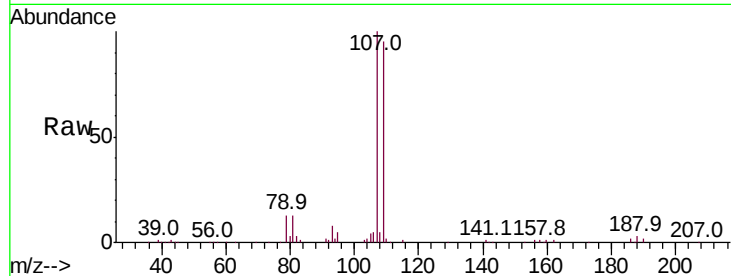
Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:107 Resp: 187386

Ion	Ratio	Lower	Upper
107	100		
109	94.3	74.6	111.8



#62

4-Bromofluorobenzene

Concen: 51.583 ug/l

RT: 12.38 min Scan# 3308

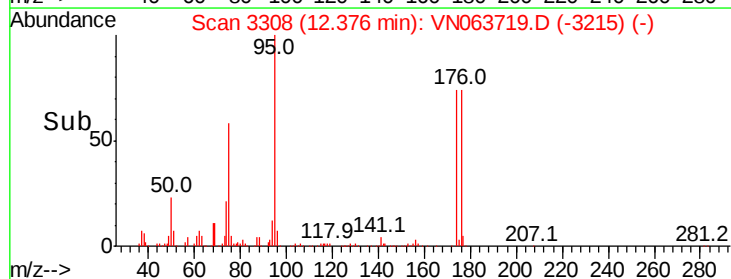
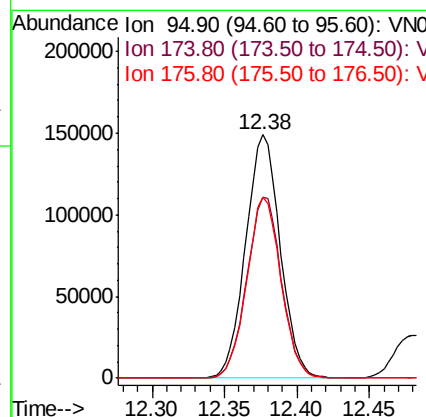
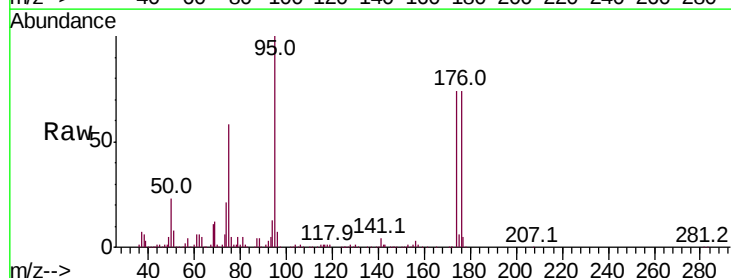
Delta R.T. -0.00 min

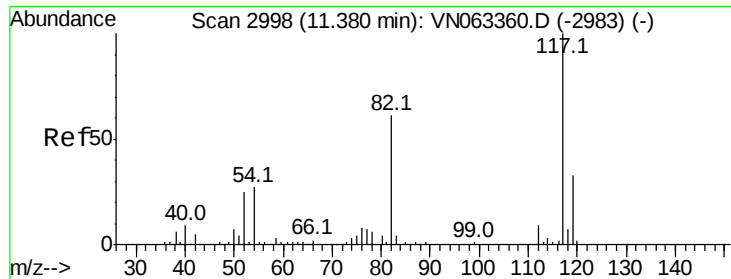
Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Tgt Ion: 95 Resp: 247861

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	140.8
176	73.0	0.0	137.6

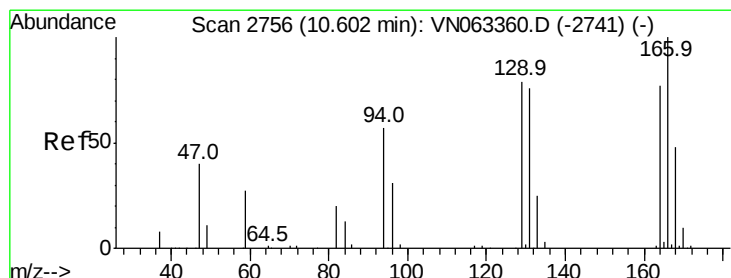
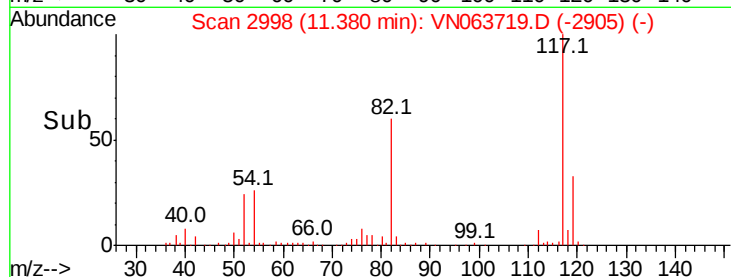
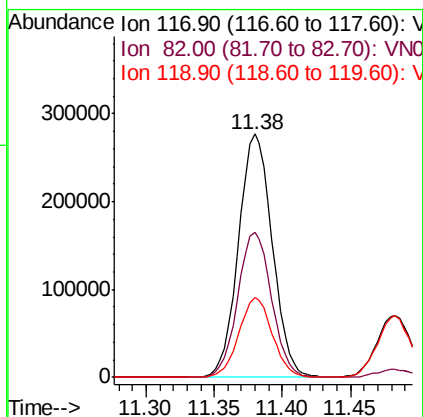
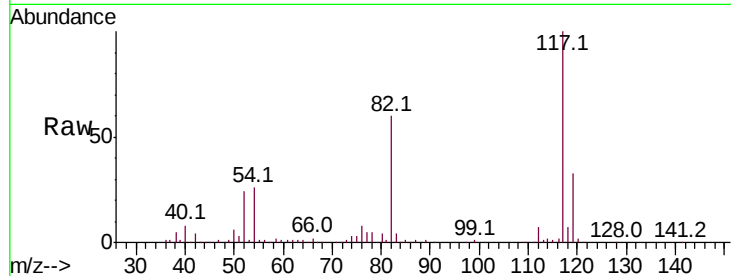




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

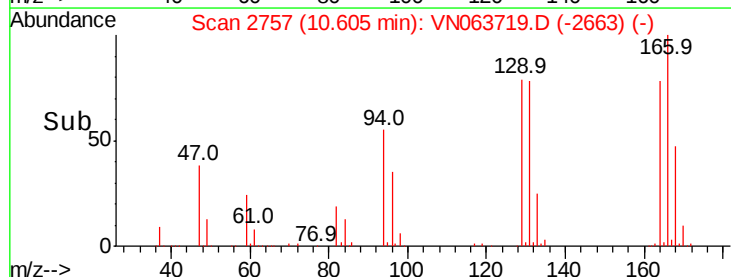
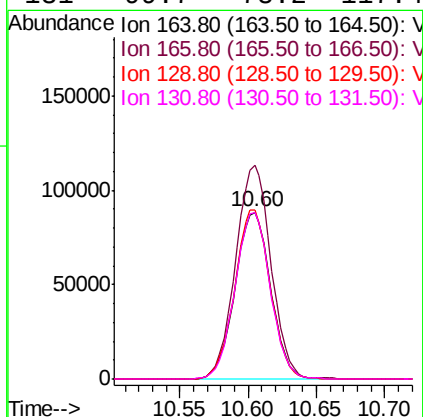
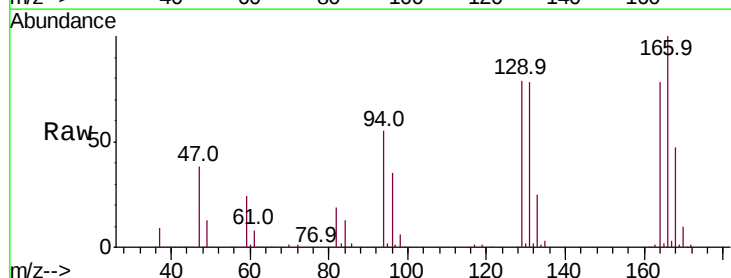
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

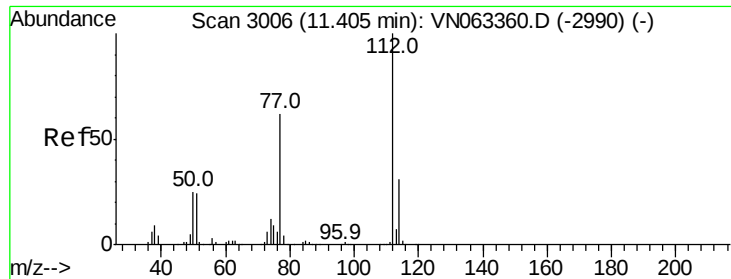
Tot Ion:117 Resp: 477346
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 32.7 26.2 39.4



#64
Tetrachloroethene
Concen: 49.382 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion:164 Resp: 160510
Ion Ratio Lower Upper
164 100
166 128.3 103.4 155.0
129 101.4 81.8 122.6
131 99.7 78.2 117.4

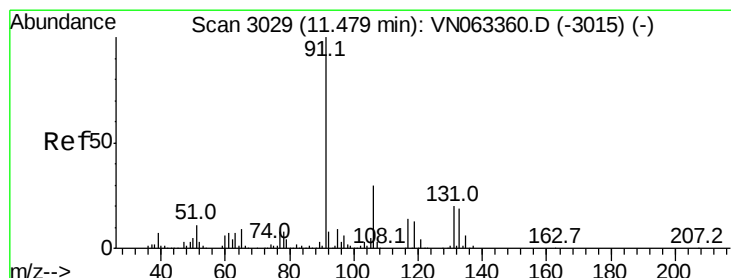
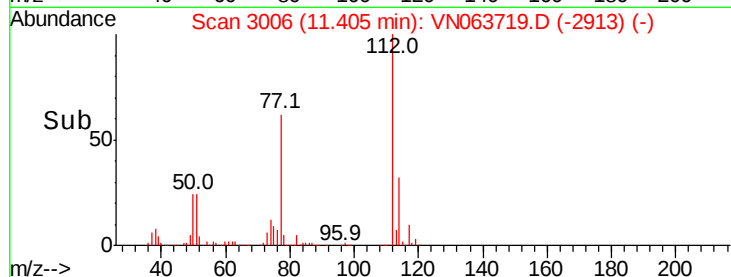
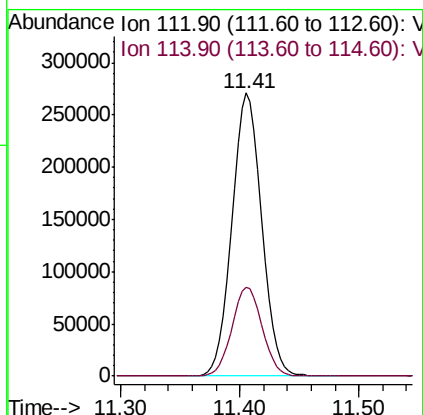
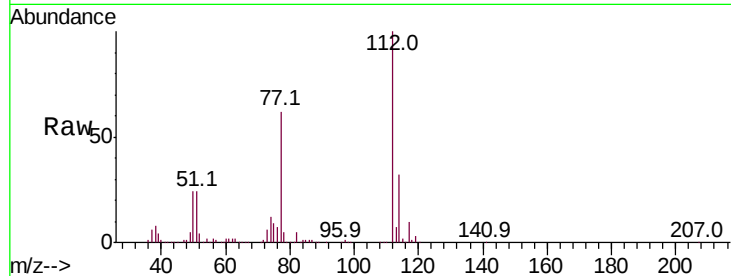




#65
Chlorobenzene
Concen: 46.327 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

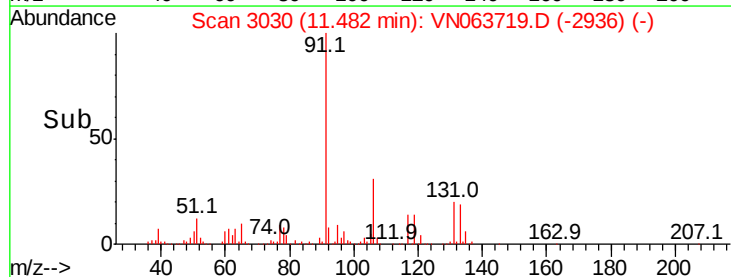
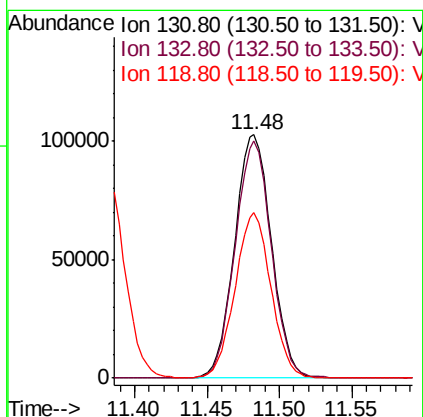
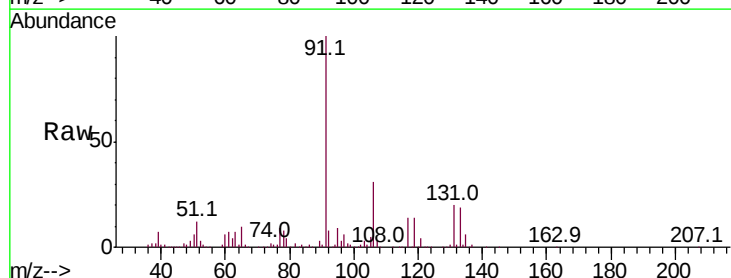
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

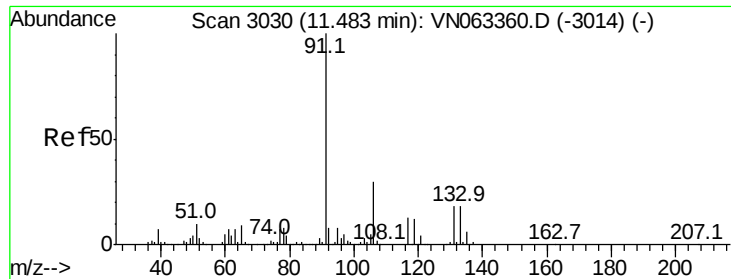
Tot Ion:112 Resp: 469420
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.989 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion:131 Resp: 181959
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 65.3 33.6 100.8

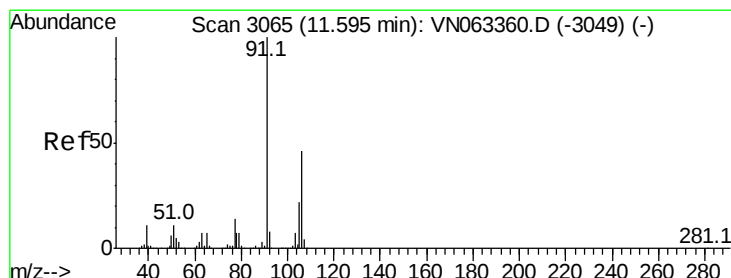
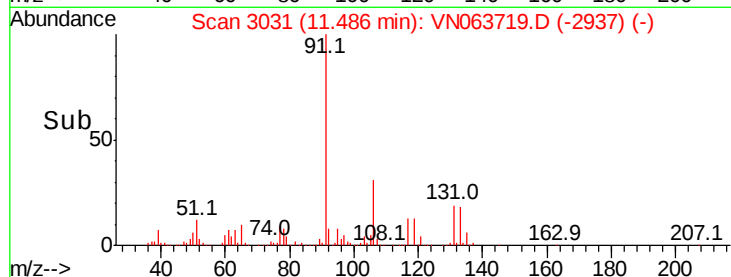
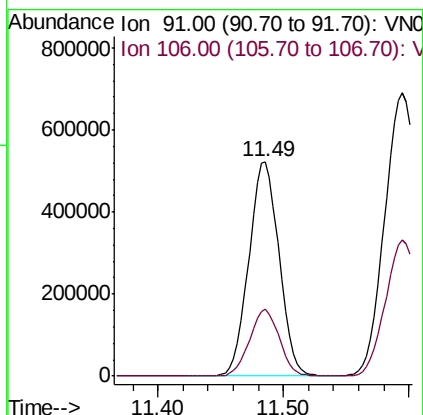
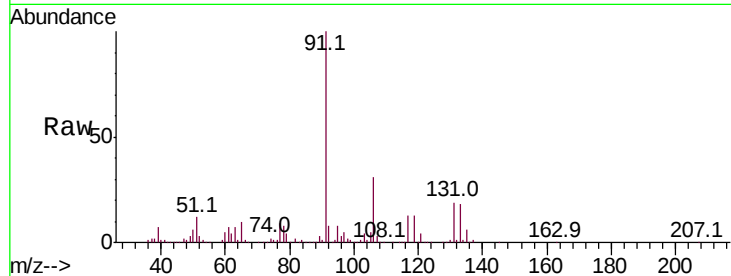




#67
Ethyl Benzene
Concen: 46.011 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

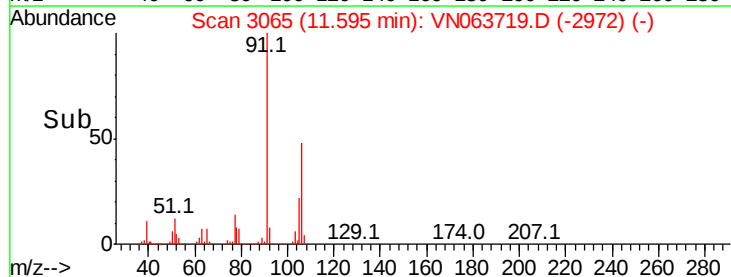
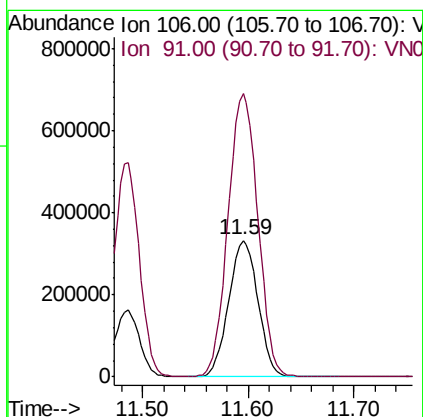
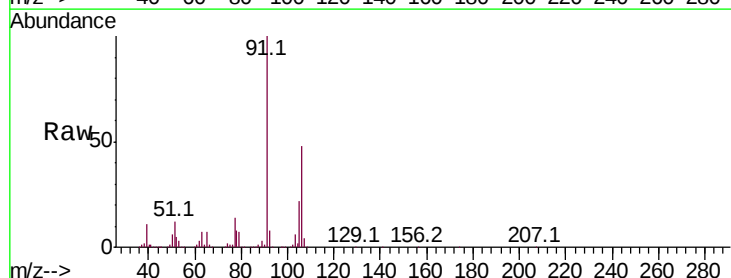
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

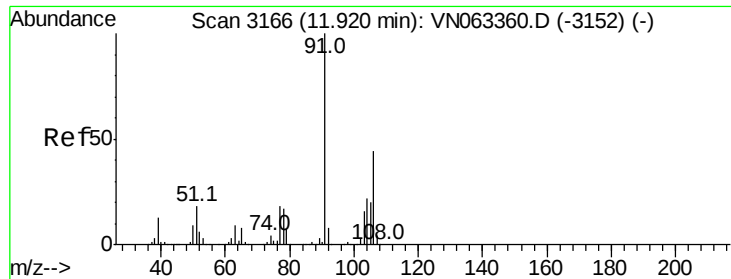
Tot Ion: 91 Resp: 877983
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.6



#68
m/p-Xylenes
Concen: 92.594 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion: 106 Resp: 637045
Ion Ratio Lower Upper
106 100
91 212.0 171.2 256.8

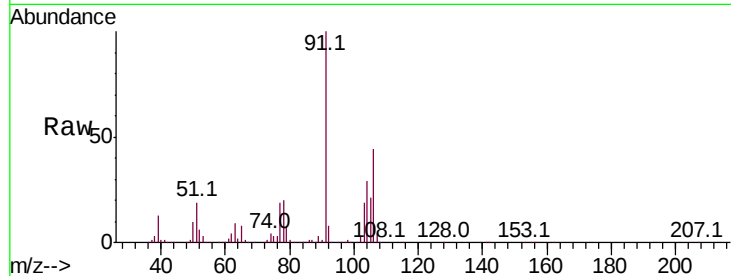




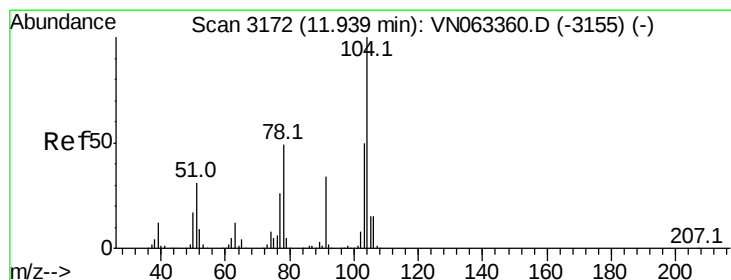
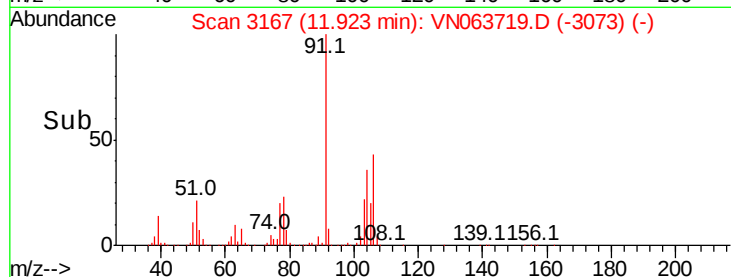
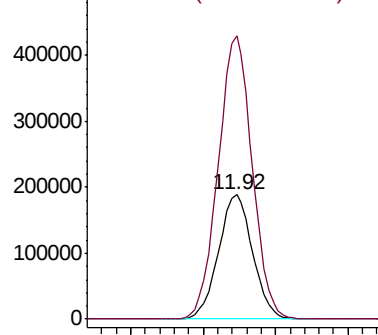
#69
o-Xylene
Concen: 47.114 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 308783
Ion Ratio Lower Upper
106 100
91 227.5 113.6 340.8

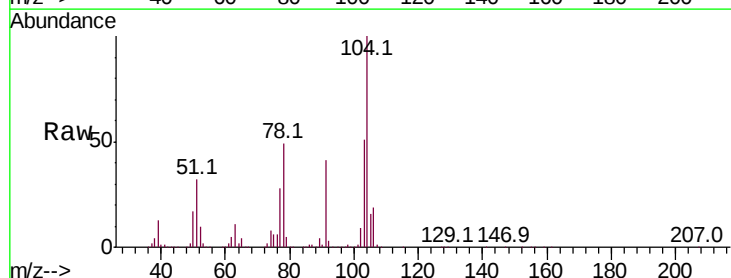


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

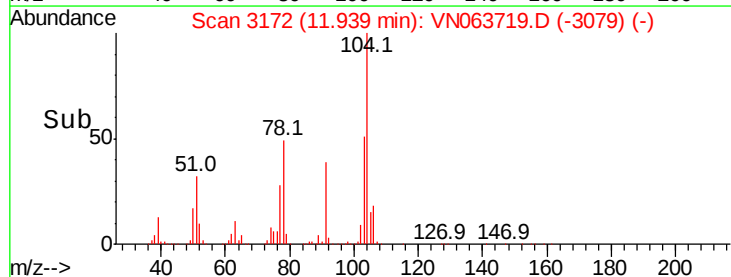
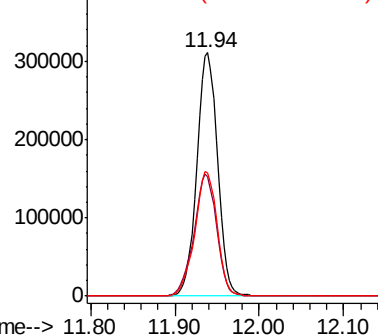


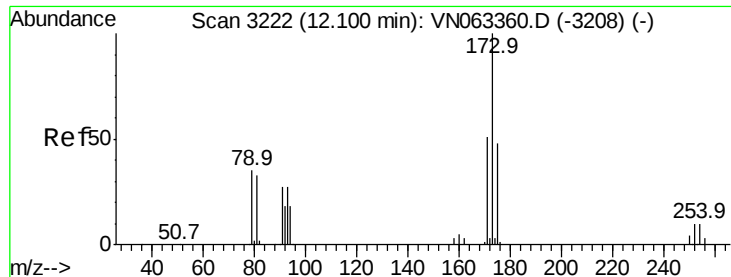
#70
Styrene
Concen: 48.445 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion:104 Resp: 532450
Ion Ratio Lower Upper
104 100
78 55.0 44.4 66.6
103 54.9 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.953 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

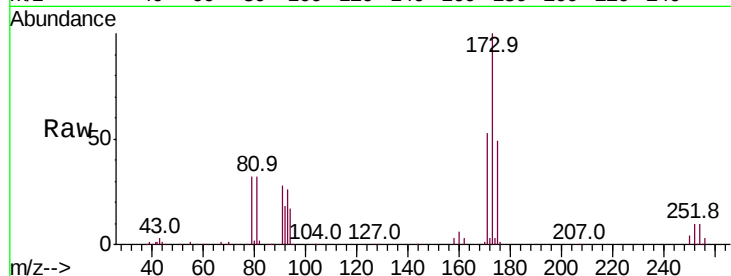
Tot Ion:173 Resp: 140990

Ion Ratio Lower Upper

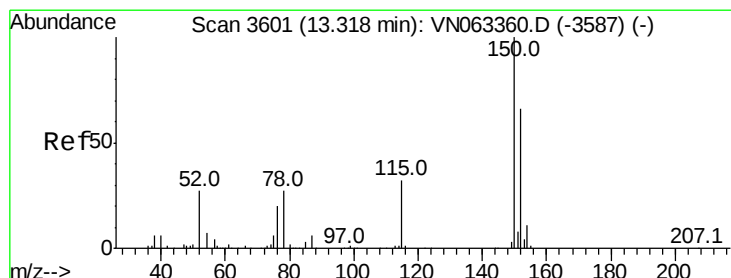
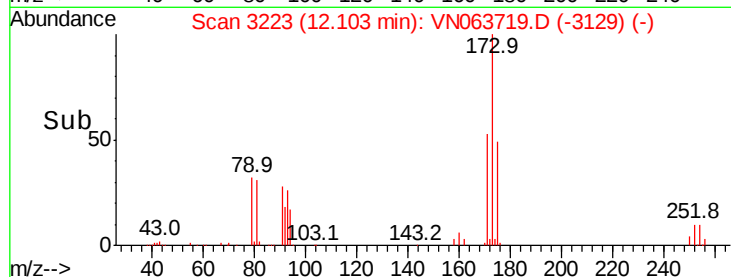
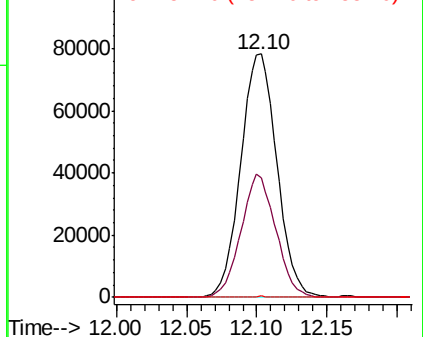
173 100

175 48.4 24.0 72.0

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

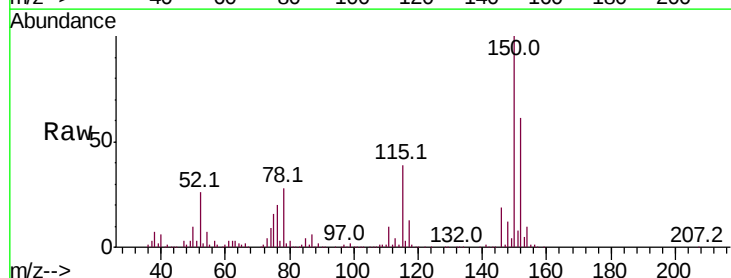
Tgt Ion:152 Resp: 232446

Ion Ratio Lower Upper

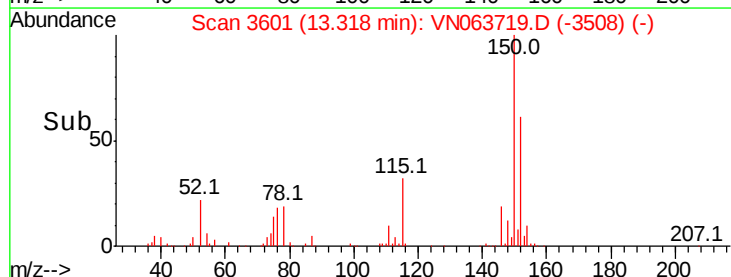
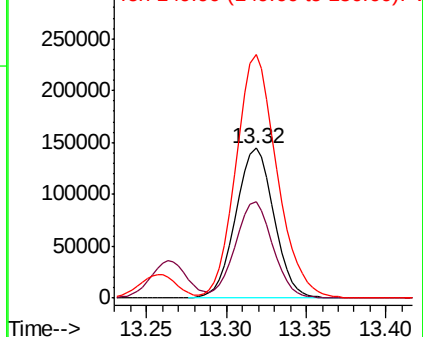
152 100

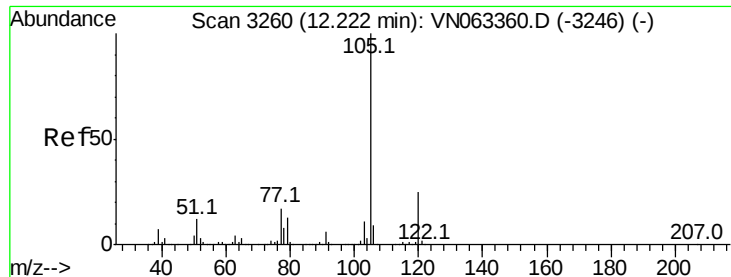
115 62.8 32.2 96.6

150 175.5 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.299 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

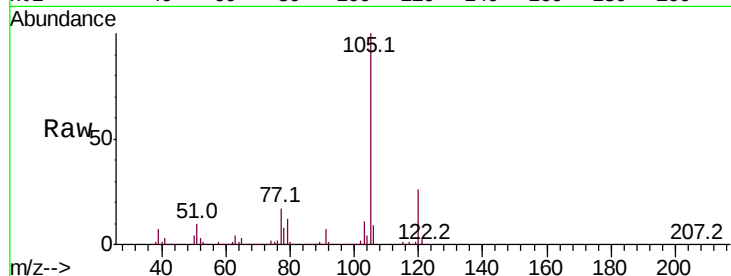
VSTDCCC050EC

Tot Ion:105 Resp: 843789

Ion Ratio Lower Upper

105 100

120 25.6 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

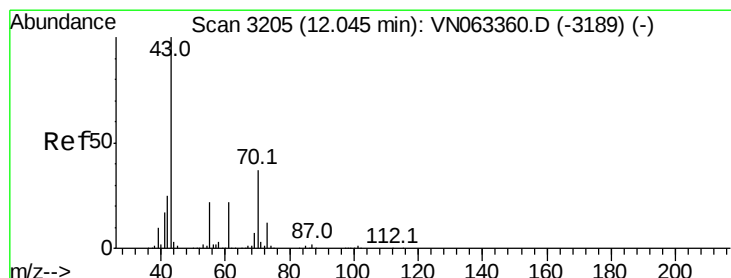
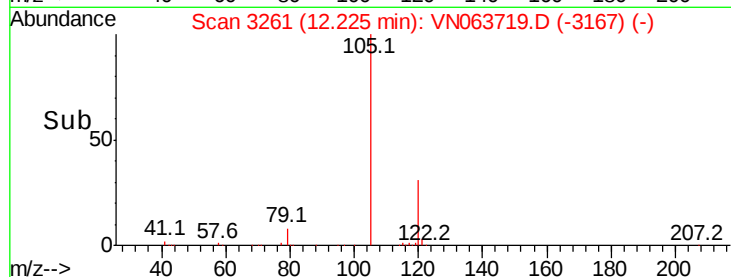
0

12.23

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 45.282 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Tgt Ion: 43 Resp: 399268

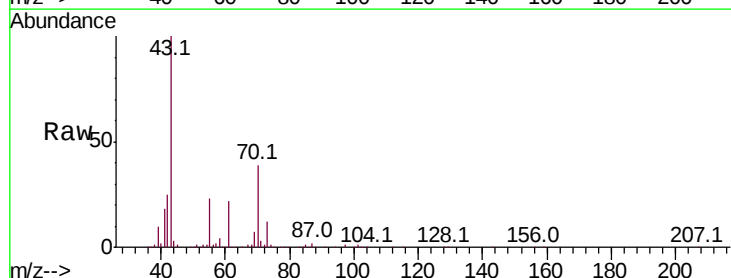
Ion Ratio Lower Upper

43 100

70 37.4 29.6 44.4

55 22.7 17.7 26.5

61 21.5 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

400000

300000

200000

100000

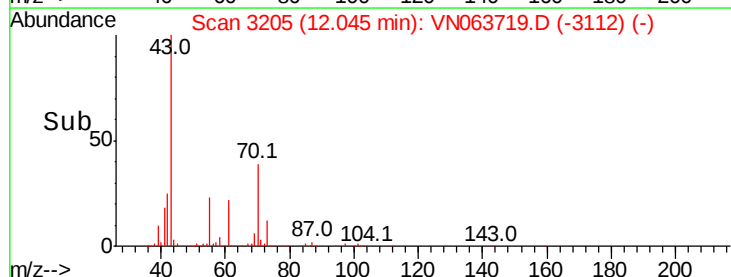
0

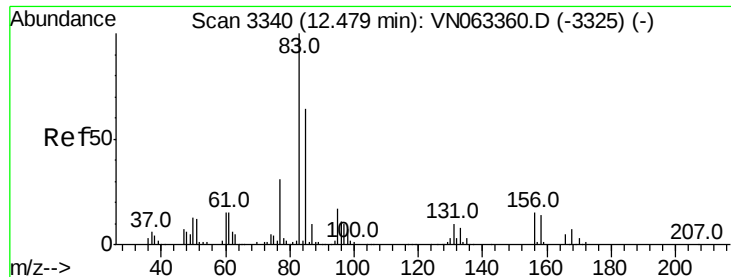
12.05

12.00

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 44.883 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

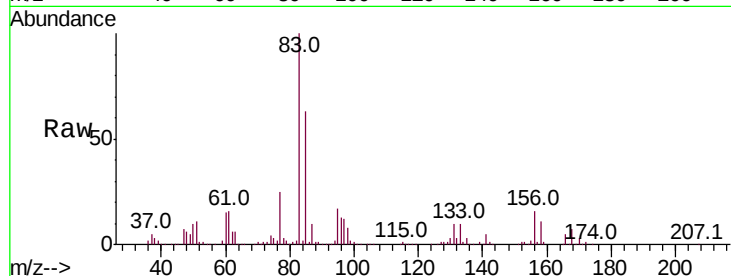
Tot Ion: 83 Resp: 258864

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

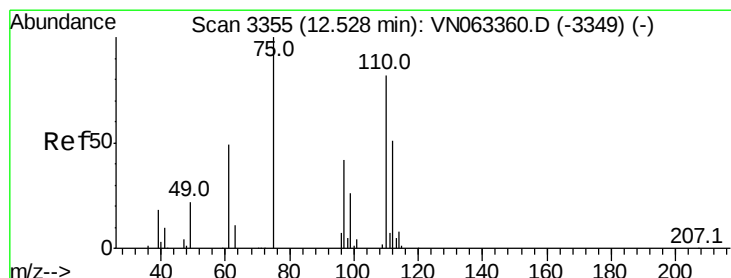
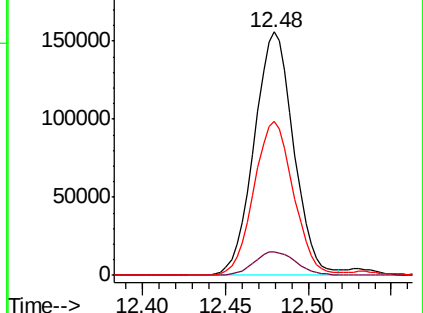
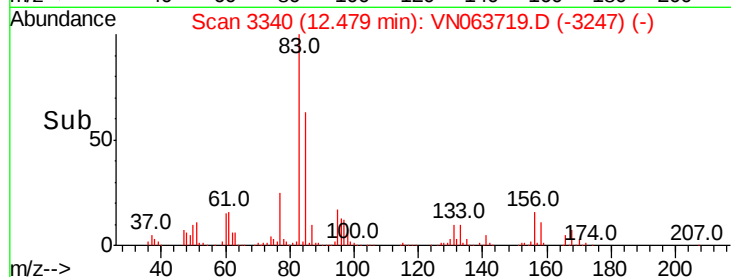
85 63.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063719.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063719.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063719.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 60.954 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063719.D

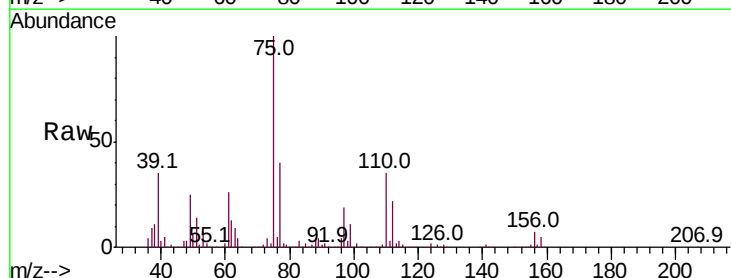
Acq: 28 Sep 2020 20:44

Tgt Ion: 75 Resp: 350690

Ion Ratio Lower Upper

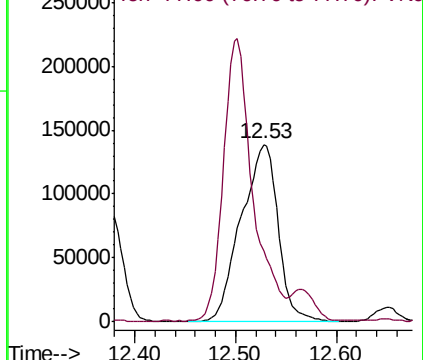
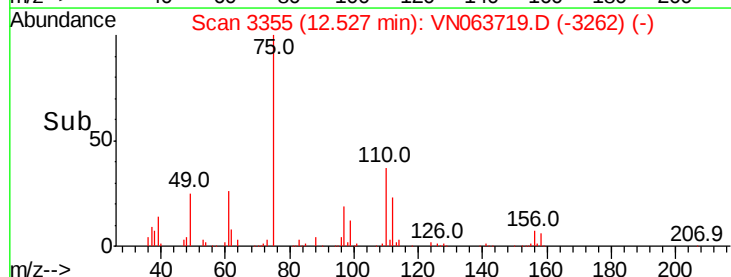
75 100

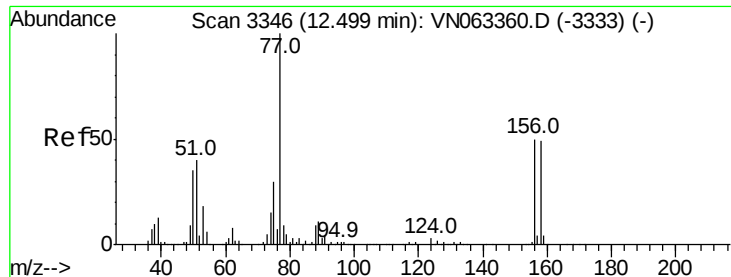
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063719.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063719.D (-3262) (-)





#77

Bromobenzene

Concen: 50.580 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

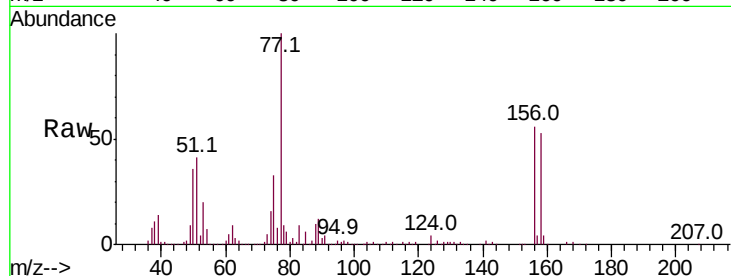
Tot Ion:156 Resp: 211931

Ion Ratio Lower Upper

156 100

77 212.7 120.2 360.6

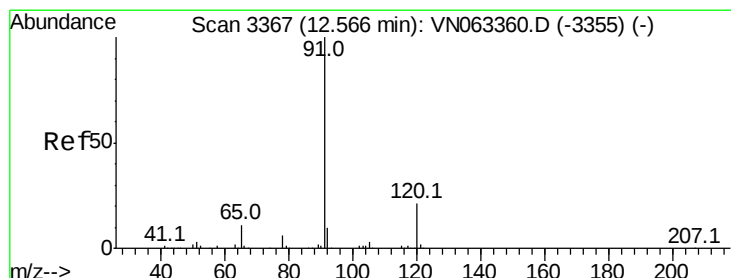
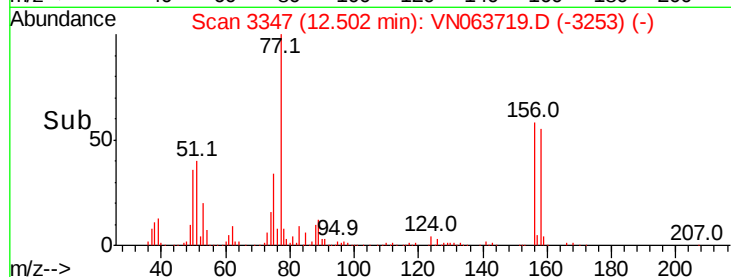
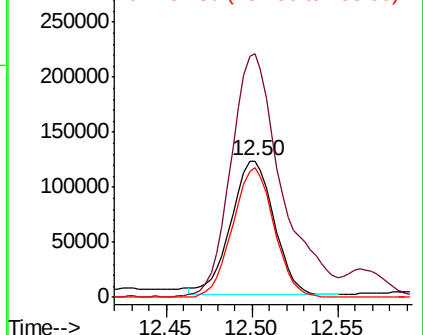
158 93.3 48.9 146.6



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: 45.798 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063719.D

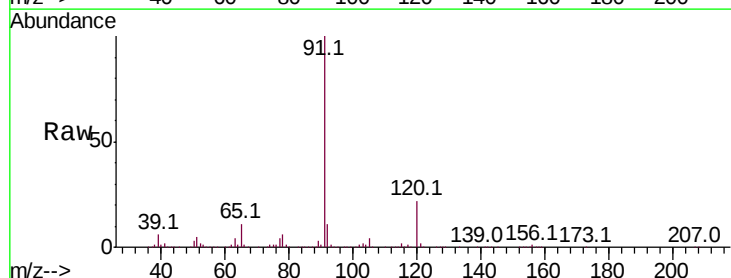
Acq: 28 Sep 2020 20:44

Tgt Ion: 91 Resp: 993582

Ion Ratio Lower Upper

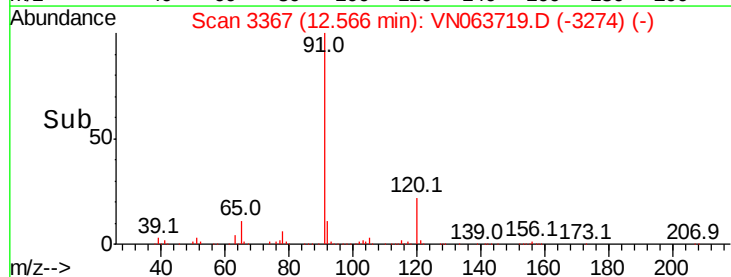
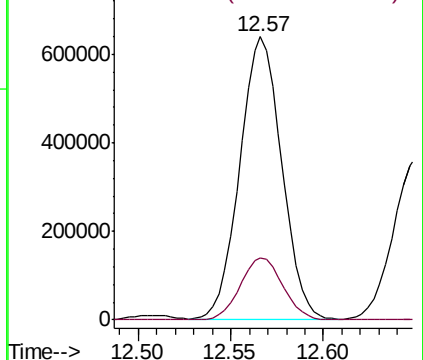
91 100

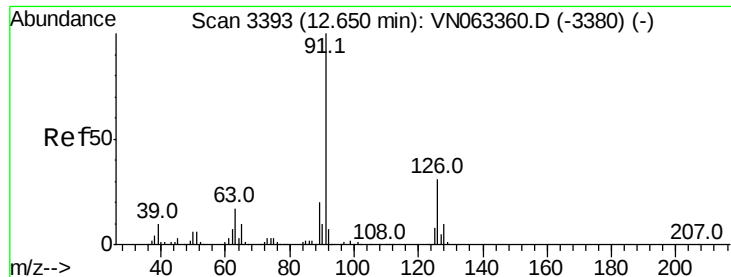
120 22.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

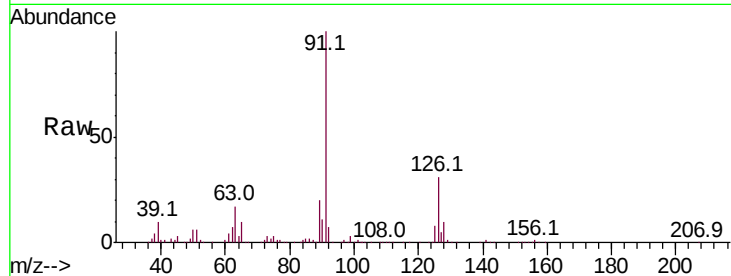




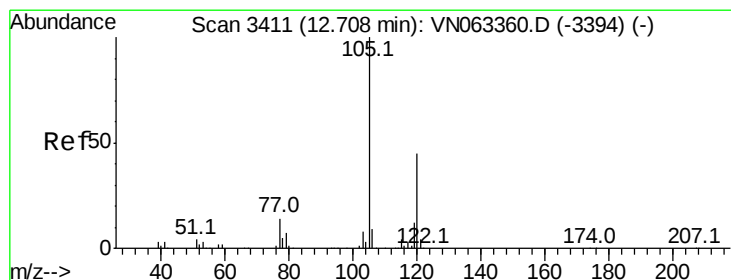
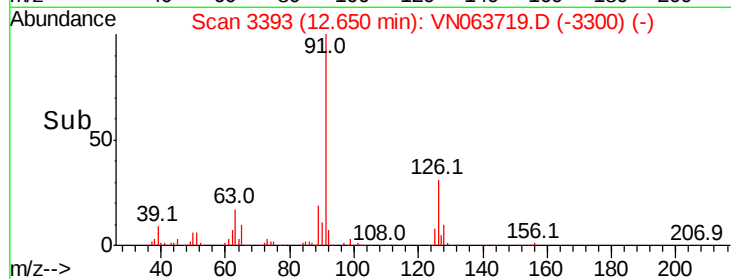
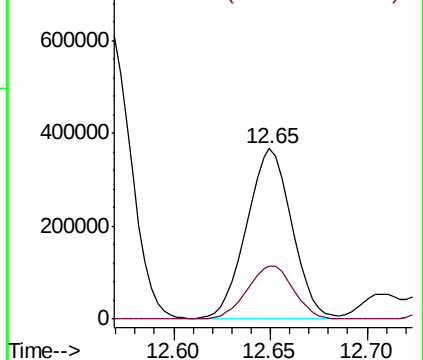
#79
 2-Chlorotoluene
 Concen: 45.622 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 593324
 Ion Ratio Lower Upper
 91 100
 126 32.3 15.8 47.3

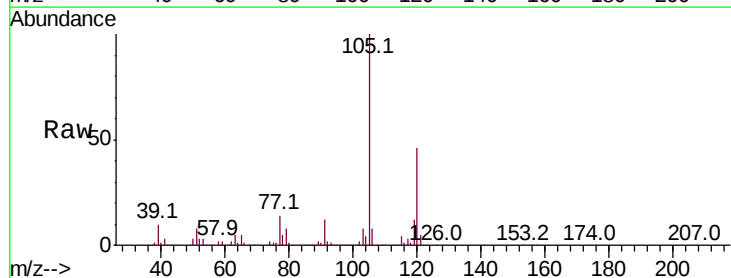


Abundance Ion 91.00 (90.70 to 91.70): VN063719.D (-3393) (-)
 Ion 125.90 (125.60 to 126.60): VN063719.D (-3393) (-)

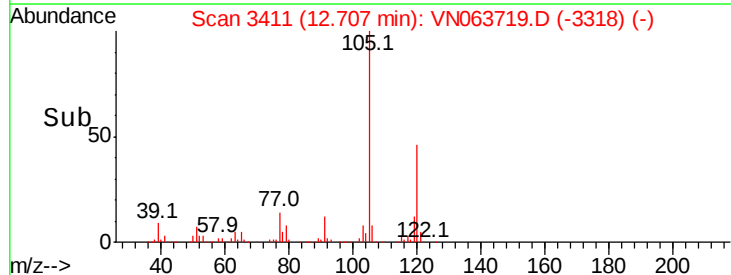
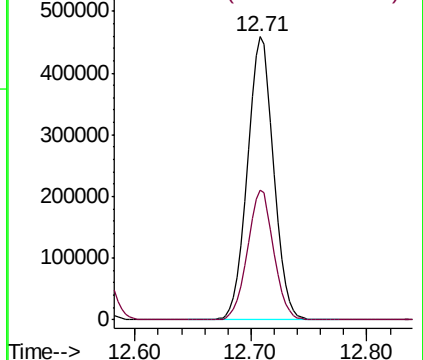


#80
 1,3,5-Trimethylbenzene
 Concen: 46.495 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Tgt Ion:105 Resp: 722185
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063719.D (-3411) (-)
 Ion 120.00 (119.70 to 120.70): VN063719.D (-3411) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 40.390 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

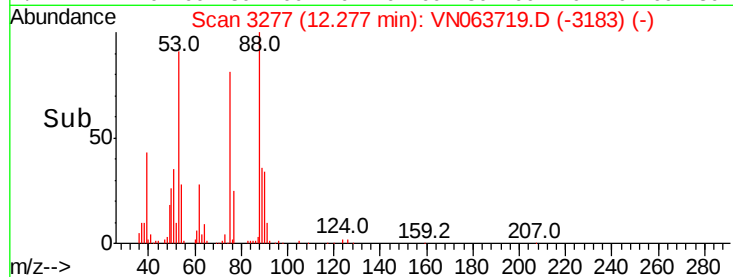
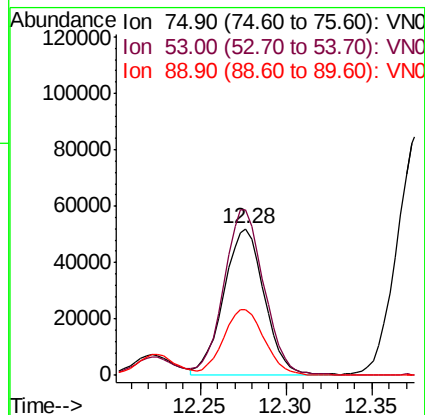
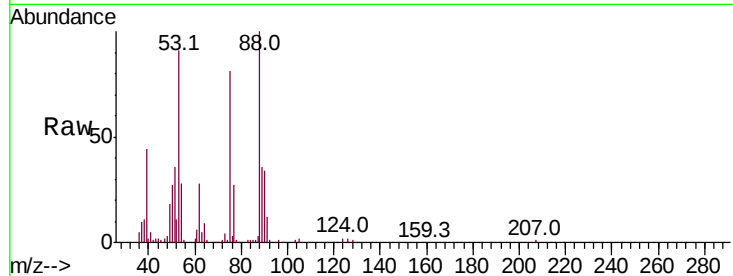
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 84760

Ion	Ratio	Lower	Upper
75	100		
53	113.3	85.7	128.5
89	46.1	38.0	57.0



#82

4-Chlorotoluene

Concen: 45.297 ug/l

RT: 12.75 min Scan# 3423

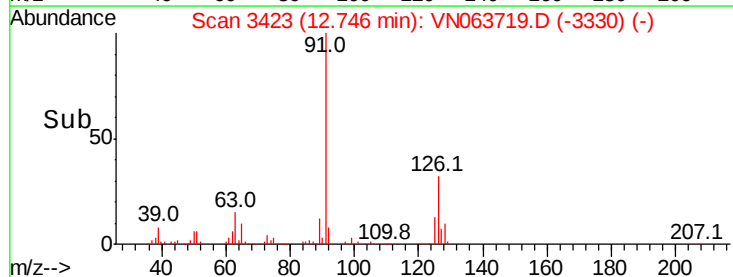
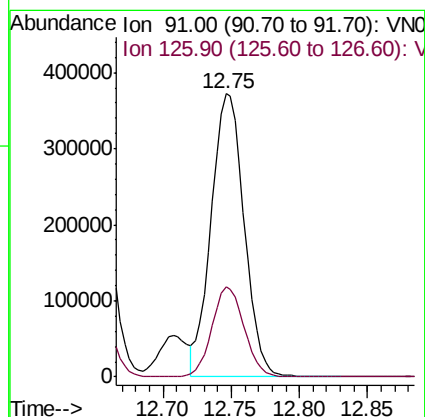
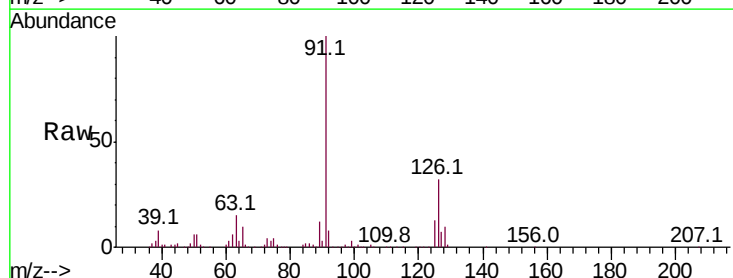
Delta R.T. -0.00 min

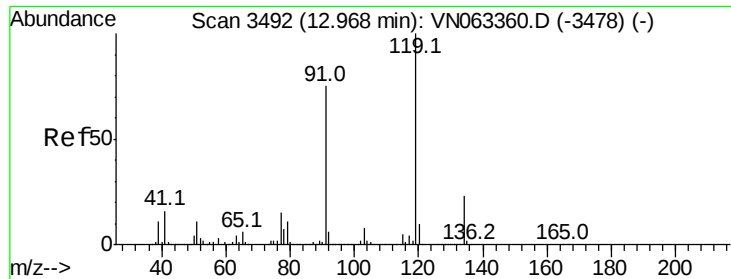
Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Tgt Ion: 91 Resp: 622427

Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.5	46.5

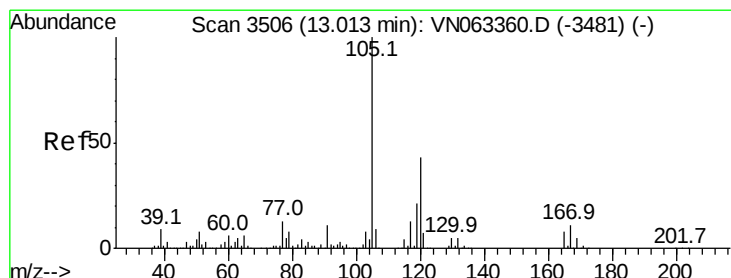
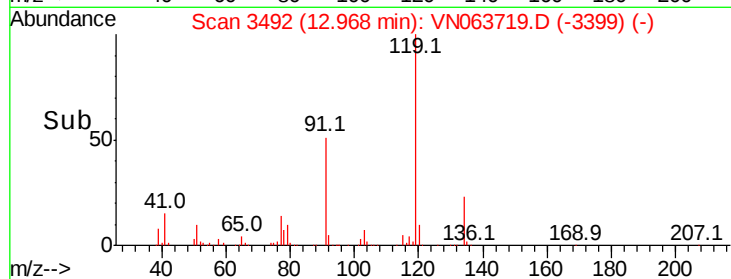
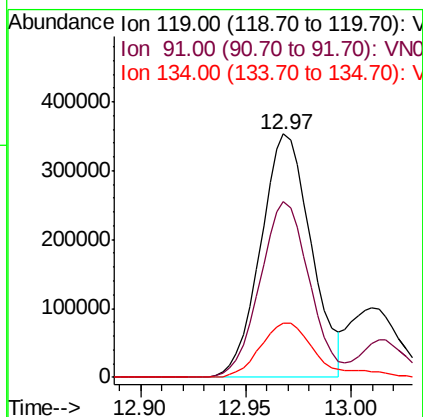
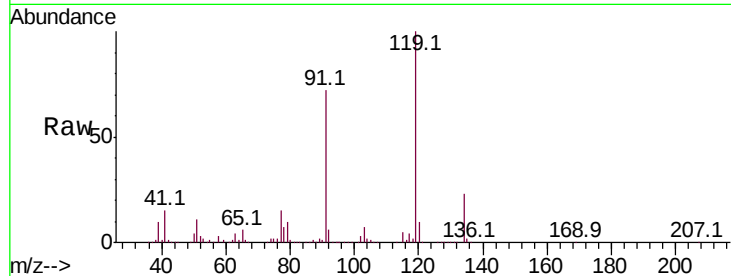




#83
tert-Butylbenzene
Concen: 45.868 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

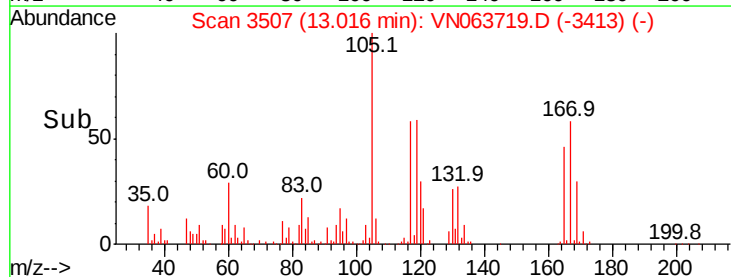
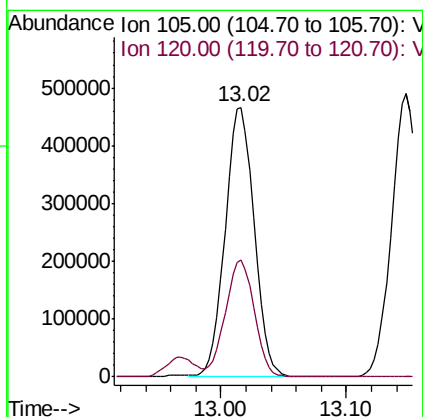
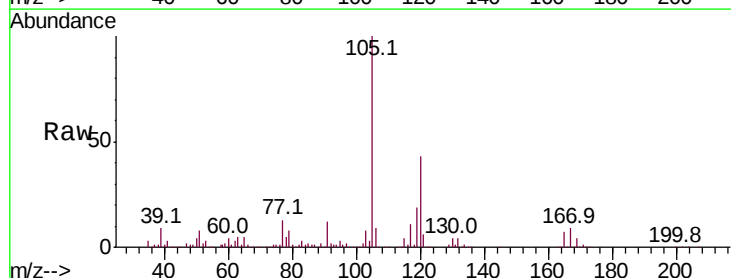
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

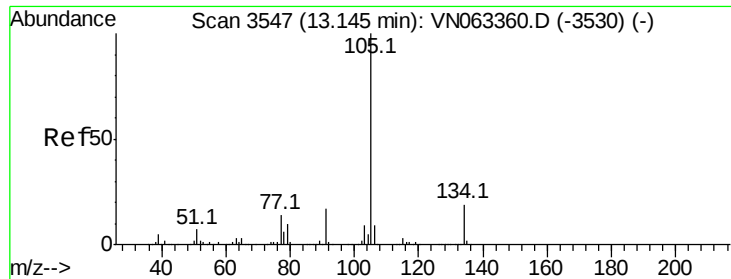
Tot Ion:119 Resp: 588003
Ion Ratio Lower Upper
119 100
91 70.6 36.3 108.9
134 24.9 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 47.590 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063719.D
Acq: 28 Sep 2020 20:44

Tgt Ion:105 Resp: 746645
Ion Ratio Lower Upper
105 100
120 43.2 21.3 63.9

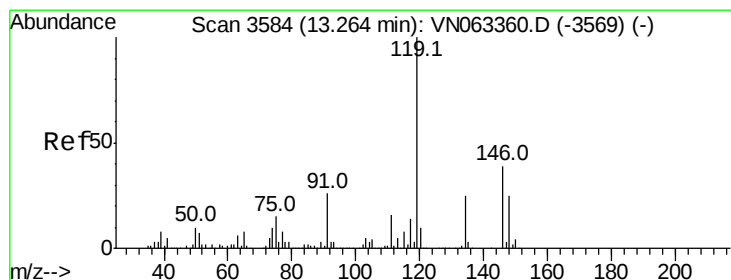
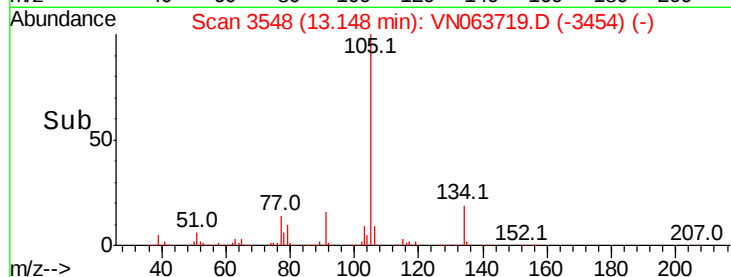
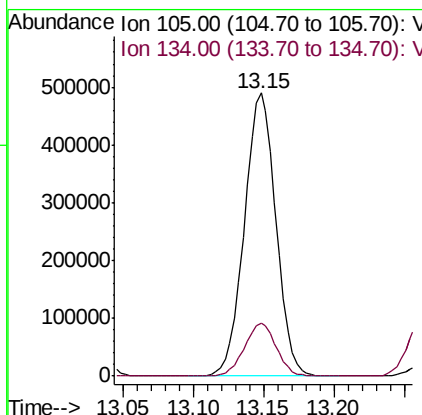
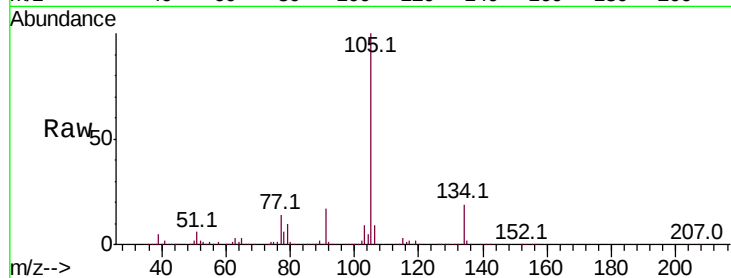




#85
 sec-Butylbenzene
 Concen: 44.518 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

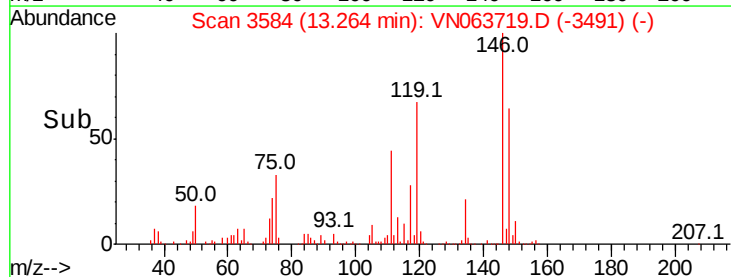
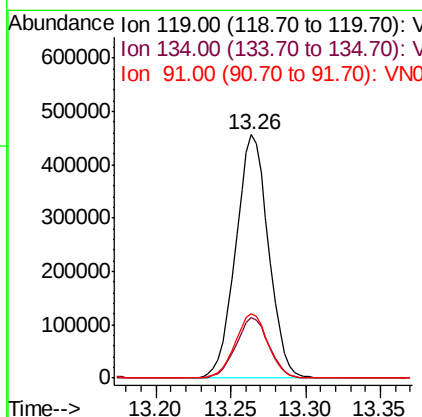
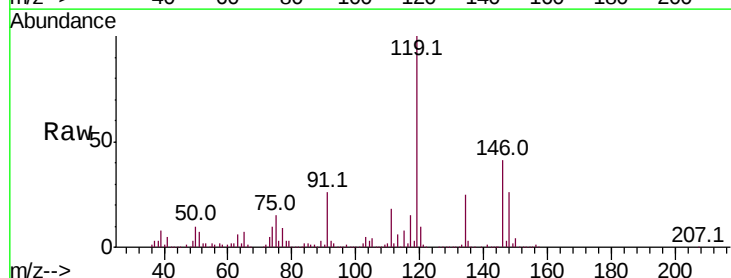
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

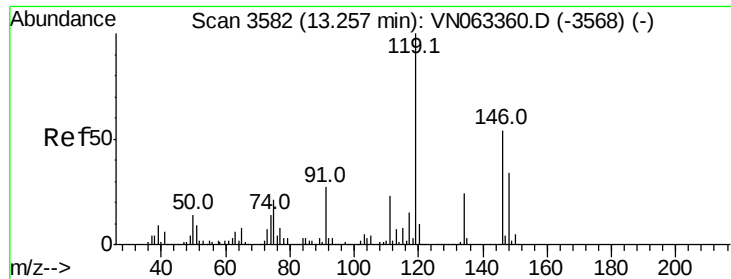
Tot Ion:105 Resp: 763923
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 45.752 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Tgt Ion:119 Resp: 692461
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 26.5 13.4 40.1

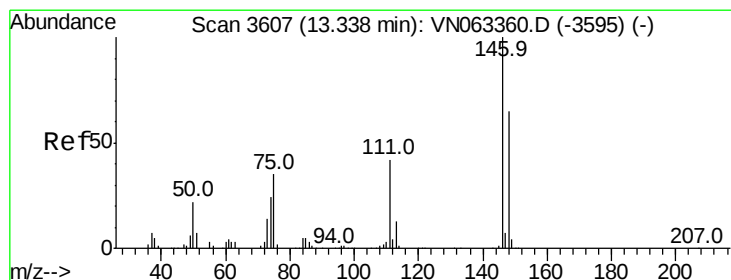
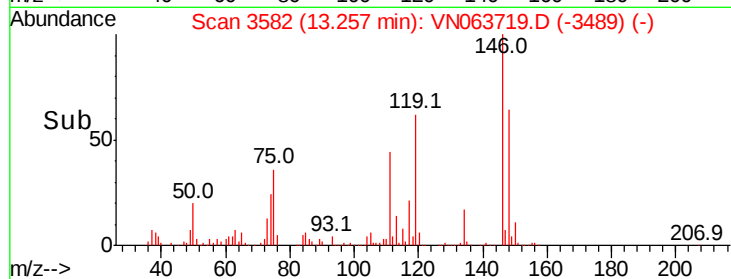
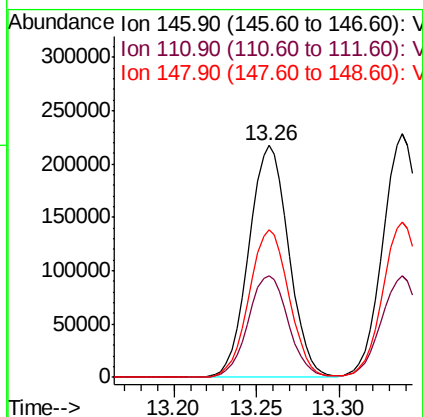
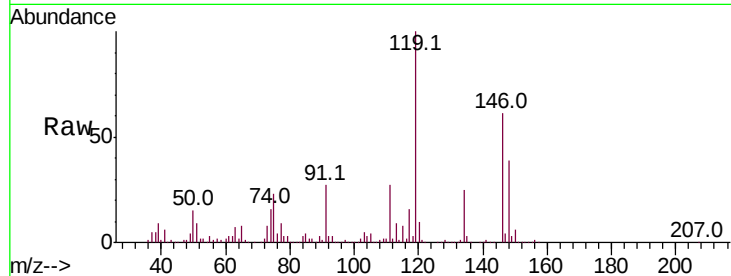




#87
 1,3-Dichlorobenzene
 Concen: 46.988 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

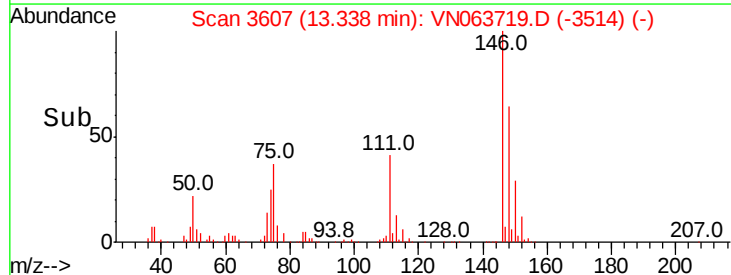
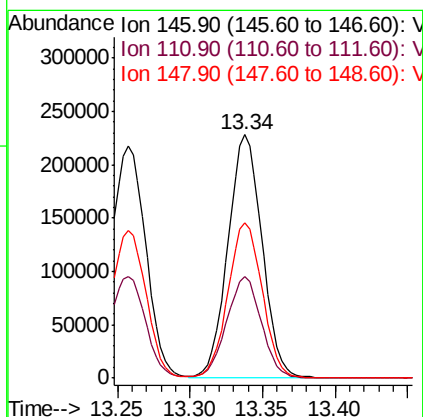
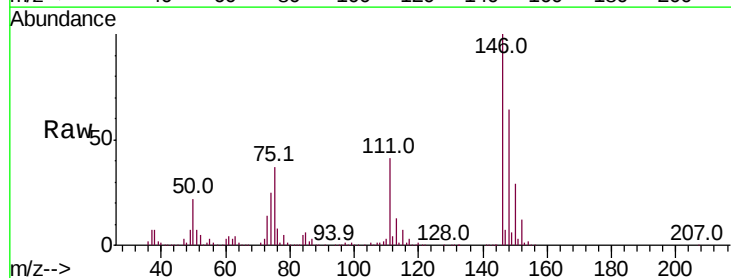
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

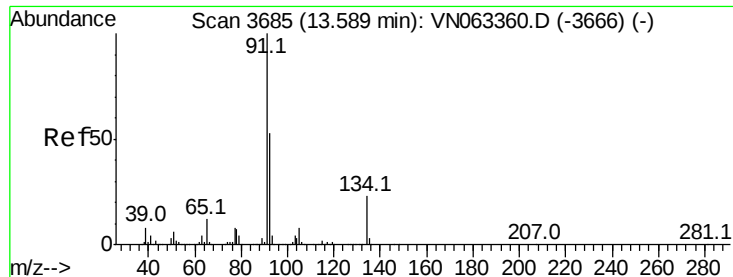
Tot Ion:146 Resp: 364908
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.4 64.3
 148 63.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 46.980 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Tgt Ion:146 Resp: 370943
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.2 63.6
 148 64.4 31.9 95.9





#89

n-Butylbenzene

Concen: 43.729 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

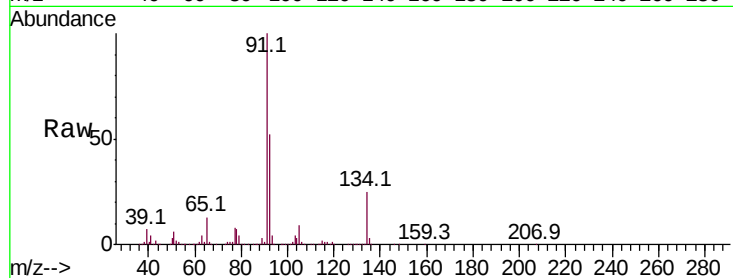
Tot Ion: 91 Resp: 610056

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

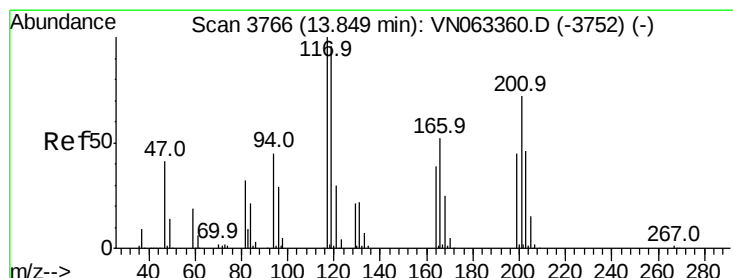
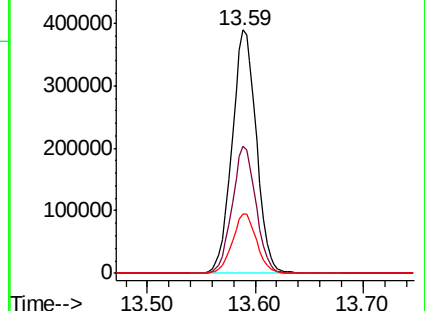
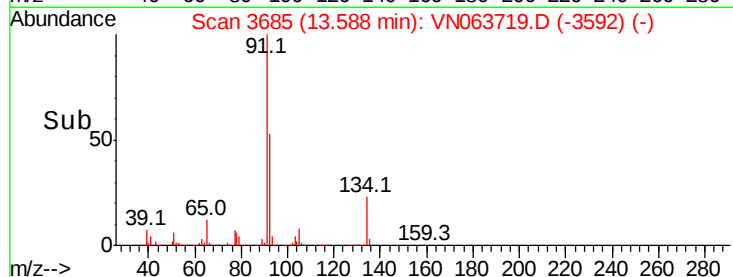
134 24.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063719.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063719.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063719.D (-3592) (-)



#90

Hexachloroethane

Concen: 46.621 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063719.D

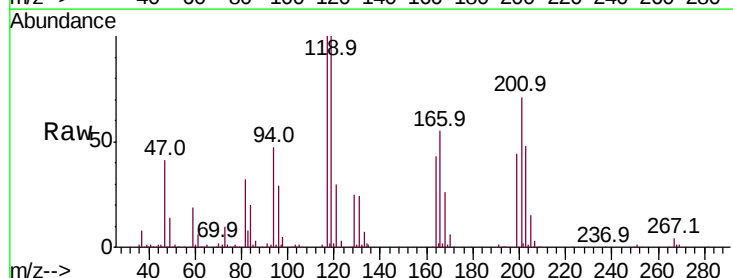
Acq: 28 Sep 2020 20:44

Tgt Ion: 117 Resp: 134362

Ion Ratio Lower Upper

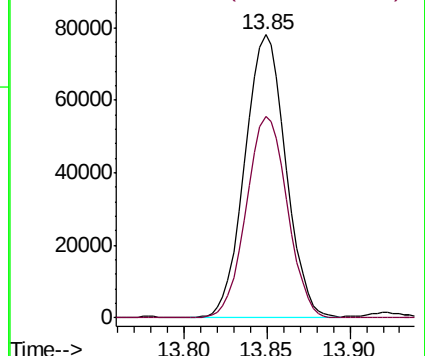
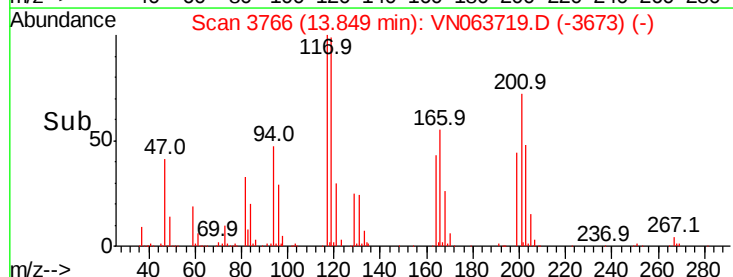
117 100

201 71.3 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063719.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063719.D (-3673) (-)





#91

1,2-Dichlorobenzene

Concen: 47.732 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

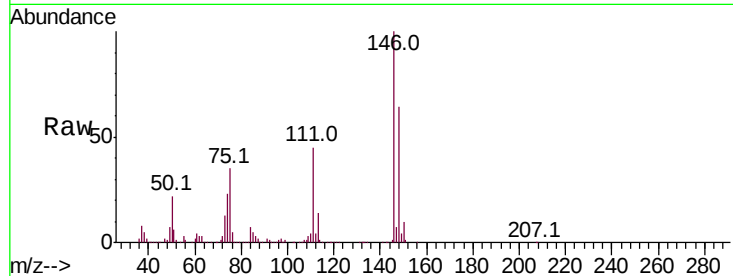
Tot Ion:146 Resp: 363931

Ion Ratio Lower Upper

146 100

111 44.8 22.4 67.2

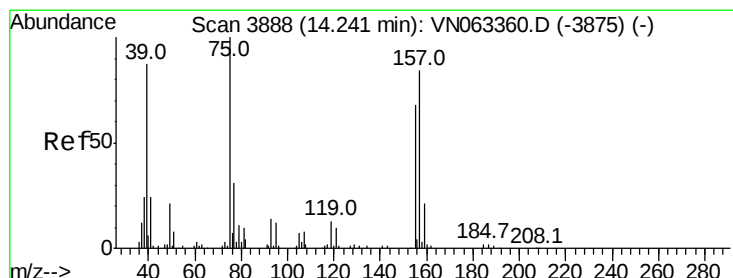
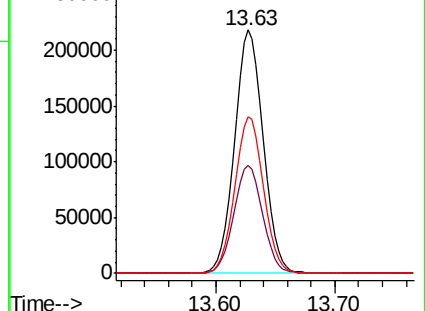
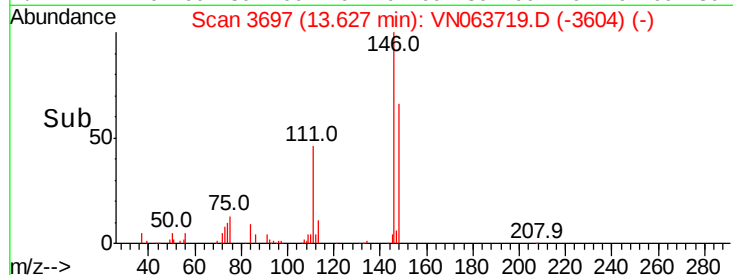
148 64.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.033 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

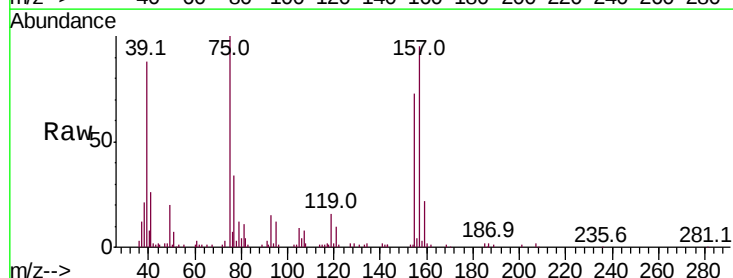
Tgt Ion: 75 Resp: 61848

Ion Ratio Lower Upper

75 100

155 70.1 34.6 103.9

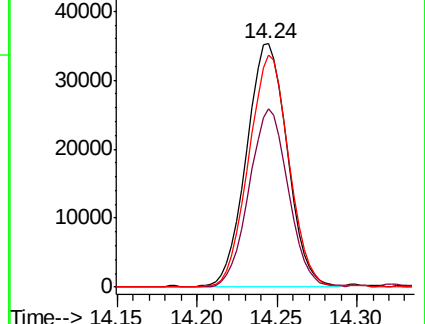
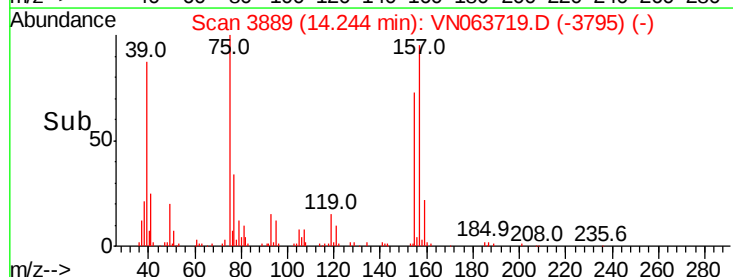
157 93.4 43.7 131.1

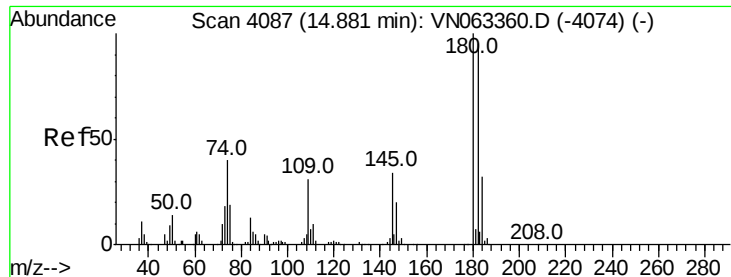


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

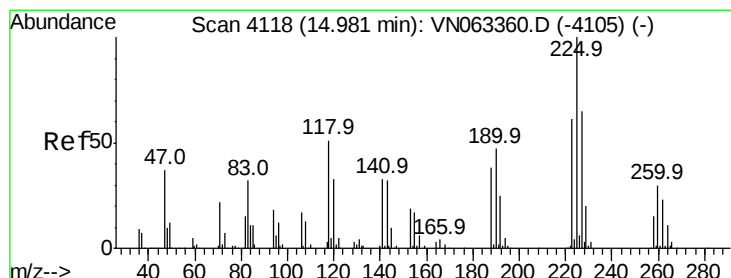
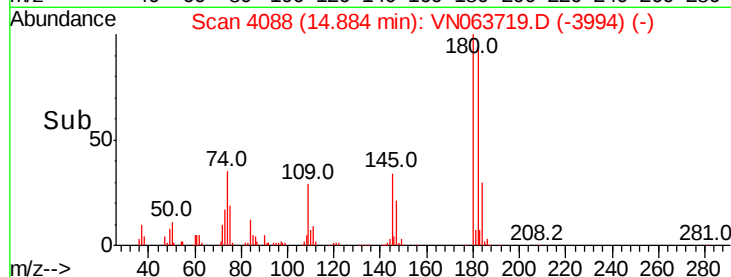
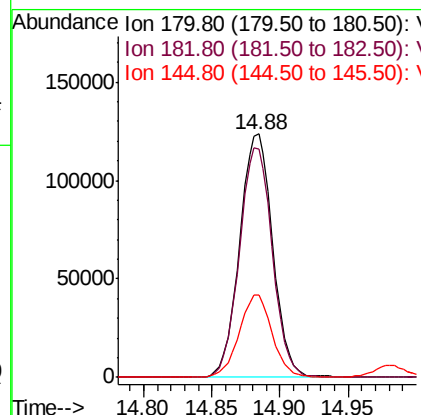
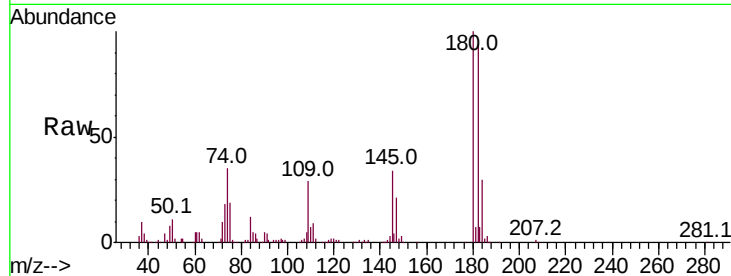




#93
 1,2,4-Trichlorobenzene
 Concen: 46.214 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

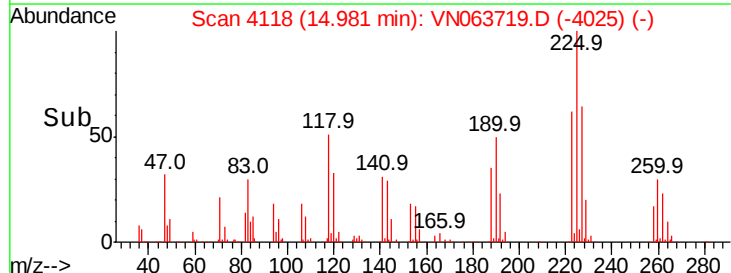
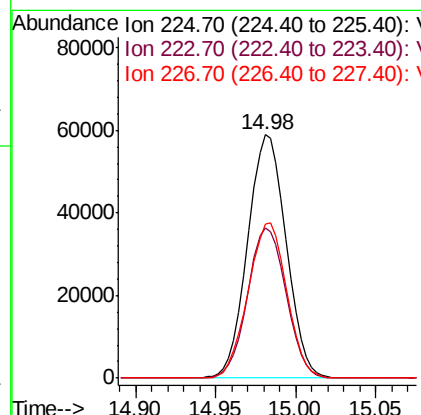
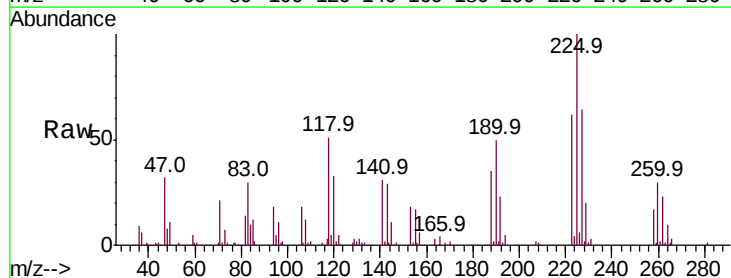
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

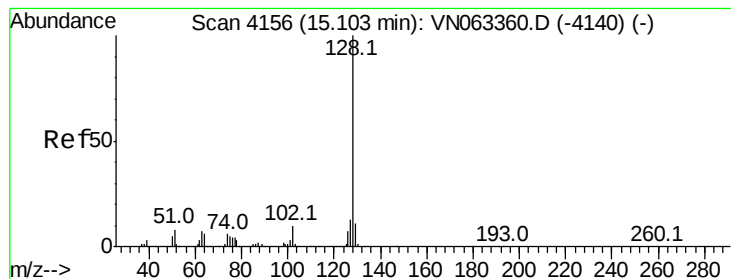
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	142.0
145	33.5	16.6	49.7



#94
 Hexachlorobutadiene
 Concen: 52.048 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063719.D
 Acq: 28 Sep 2020 20:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.6	91.6
227	64.1	31.2	93.6





#95

Naphthalene

Concen: 47.022 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

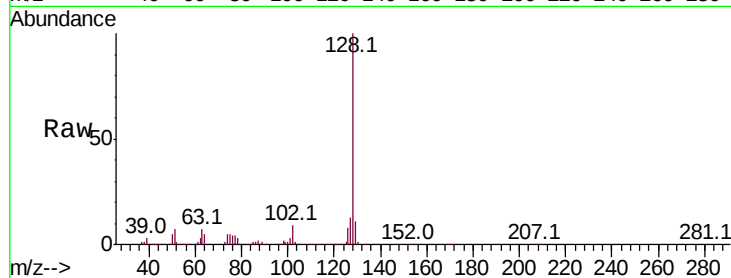
Tot Ion:128 Resp: 698289

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

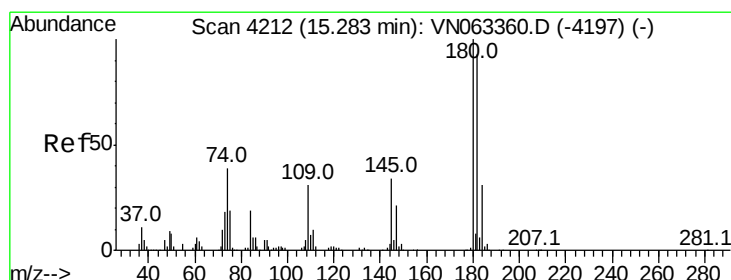
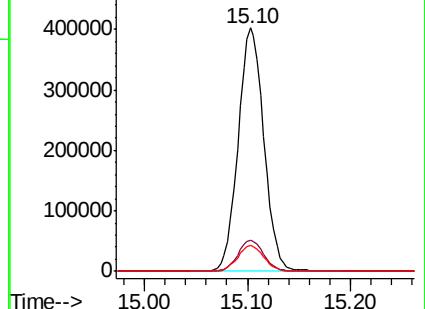
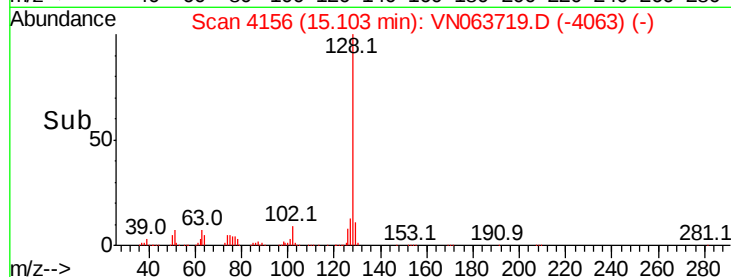
129 10.9 8.8 13.2



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: 45.918 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063719.D

Acq: 28 Sep 2020 20:44

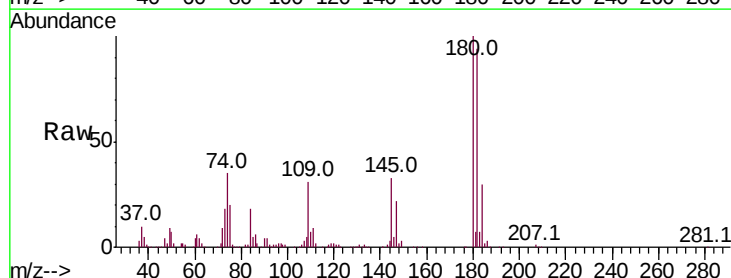
Tgt Ion:180 Resp: 199424

Ion Ratio Lower Upper

180 100

182 94.0 46.7 140.1

145 34.5 16.8 50.3



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

