

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121619\
 Data File : VD064518.D
 Acq On : 16 Dec 2019 11:27
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 17 01:50:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	430261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	608047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	526177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259426	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	193259	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	7.92	113	202969	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
50) Toluene-d8	10.34	98	776942	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.64	95	240166	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	183573	47.087	ug/l	98
3) Chloromethane	2.21	50	232761	47.336	ug/l	98
4) Vinyl Chloride	2.35	62	283397	49.916	ug/l	98
5) Bromomethane	2.77	94	199374	47.487	ug/l	98
6) Chloroethane	2.93	64	187979	49.536	ug/l	95
7) Trichlorofluoromethane	3.27	101	492547	52.186	ug/l	96
8) Diethyl Ether	3.71	74	93402	47.623	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	211897	52.361	ug/l	98
10) Methyl Iodide	4.30	142	237163	55.495	ug/l	100
11) Tert butyl alcohol	5.24	59	49301	198.871	ug/l #	100
12) 1,1-Dichloroethene	4.06	96	200288	51.645	ug/l	95
13) Acrolein	3.93	56	89448	264.532	ug/l	100
14) Allyl chloride	4.71	41	318299	52.591	ug/l	99
15) Acrylonitrile	5.43	53	191309	223.063	ug/l	99
16) Acetone	4.17	43	228744	290.654	ug/l	100
17) Carbon Disulfide	4.40	76	599120	48.777	ug/l	97
18) Methyl Acetate	4.72	43	99365	43.285	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	418130	47.002	ug/l	100
20) Methylene Chloride	4.96	84	205834	51.618	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	224019	51.067	ug/l	98
22) Diisopropyl ether	6.37	45	602949	50.464	ug/l	96
23) Vinyl Acetate	6.31	43	1702426	241.690	ug/l	99
24) 1,1-Dichloroethane	6.27	63	371834	51.748	ug/l	99
25) 2-Butanone	7.23	43	255477	229.543	ug/l	99
26) 2,2-Dichloropropane	7.21	77	350687	56.120	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	239624	50.103	ug/l	98
28) Bromochloromethane	7.55	49	135722	55.270	ug/l	99
29) Tetrahydrofuran	7.57	42	151900	214.517	ug/l	99
30) Chloroform	7.71	83	383069	51.476	ug/l	98
31) Cyclohexane	7.98	56	347229	55.890	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	367555	53.275	ug/l	99
36) 1,1-Dichloropropene	8.11	75	308255	53.597	ug/l	99
37) Ethyl Acetate	7.30	43	111395	45.647	ug/l	98
38) Carbon Tetrachloride	8.10	117	338758	55.808	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	382688	53.641	ug/l	97
40) Benzene	8.35	78	837266	52.415	ug/l	98
41) Methacrylonitrile	7.53	41	65144	46.547	ug/l #	89
42) 1,2-Dichloroethane	8.43	62	236382	50.744	ug/l	98
43) Isopropyl Acetate	8.46	43	224288	46.743	ug/l	100
44) Trichloroethene	9.11	130	251716	52.313	ug/l	100
45) 1,2-Dichloropropane	9.39	63	200895	52.587	ug/l	98
46) Dibromomethane	9.47	93	107148	49.694	ug/l	98
47) Bromodichloromethane	9.66	83	285655	51.561	ug/l	97
48) Methyl methacrylate	9.46	41	113229	51.570	ug/l	89
49) 1,4-Dioxane	9.47	88	22635	850.135	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	546492	230.185	ug/l	99
52) Toluene	10.40	92	549111	52.747	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	273643	51.827	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	327417	52.199	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	142873	48.393	ug/l	97
56) Ethyl methacrylate	10.66	69	181831	48.288	ug/l	100
57) 1,3-Dichloropropane	10.95	76	247324	49.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	362267	241.334	ug/l	100
59) 2-Hexanone	10.99	43	399644	242.592	ug/l	100
60) Dibromochloromethane	11.14	129	202448	50.574	ug/l	98
61) 1,2-Dibromoethane	11.25	107	138728	47.061	ug/l	99
64) Tetrachloroethene	10.88	164	211311	52.663	ug/l	99
65) Chlorobenzene	11.67	112	571499	52.076	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	217935	53.645	ug/l	98
67) Ethyl Benzene	11.75	91	1053353	53.947	ug/l	98
68) m/p-Xylenes	11.86	106	814004	109.335	ug/l	99
69) o-Xylene	12.18	106	367356	53.427	ug/l	100
70) Styrene	12.20	104	631926	52.887	ug/l	100
71) Bromoform	12.37	173	118256	48.654	ug/l #	98
73) Isopropylbenzene	12.48	105	1017633	54.541	ug/l	99
74) N-amyl acetate	12.29	43	203921	48.155	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	146895	47.608	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	198106	92.858	ug/l #	100
77) Bromobenzene	12.77	156	242535	52.638	ug/l	99
78) n-propylbenzene	12.83	91	1192172	55.378	ug/l	100
79) 2-Chlorotoluene	12.91	91	643057	54.286	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	826951	54.236	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	49887	50.988	ug/l	99
82) 4-Chlorotoluene	13.01	91	668488	53.300	ug/l	100
83) tert-Butylbenzene	13.23	119	728445	54.953	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	824388	53.770	ug/l	99
85) sec-Butylbenzene	13.41	105	1013417	55.703	ug/l	99
86) p-Isopropyltoluene	13.53	119	939754	54.713	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	462985	52.942	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	445646	51.616	ug/l	99
89) n-Butylbenzene	13.86	91	873494	56.001	ug/l	99
90) Hexachloroethane	14.12	117	177830	55.354	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	382672	51.202	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	22345	48.320	ug/l	97

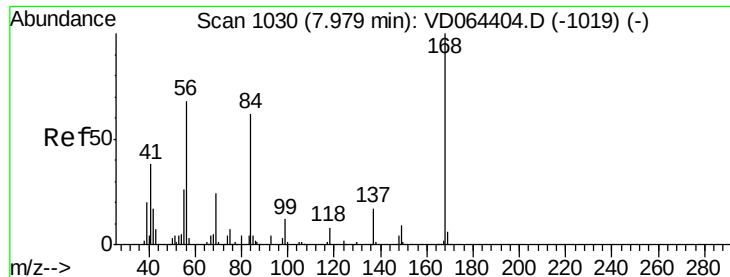
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121619\
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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	289407	50.563	ug/l	99
94) Hexachlorobutadiene	15.28	225	187395	53.034	ug/l	96
95) Naphthalene	15.41	128	452328	47.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	244125	49.966	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

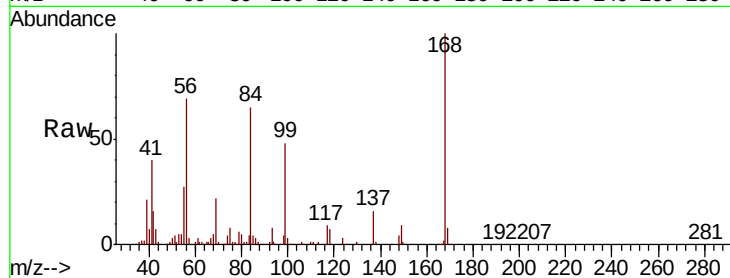
VSTDCCC050

Tgt Ion:168 Resp: 430261

Ion Ratio Lower Upper

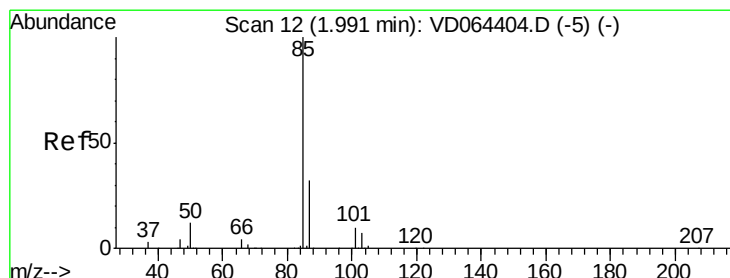
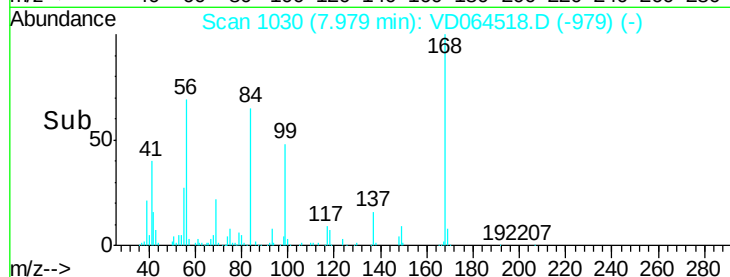
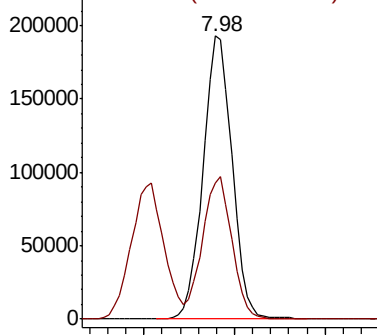
168 100

99 48.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.087 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064518.D

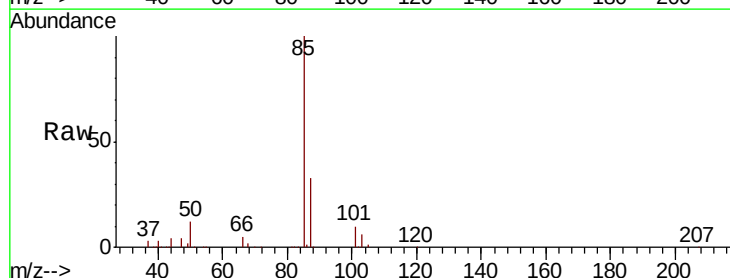
Acq: 16 Dec 2019 11:27

Tgt Ion: 85 Resp: 183573

Ion Ratio Lower Upper

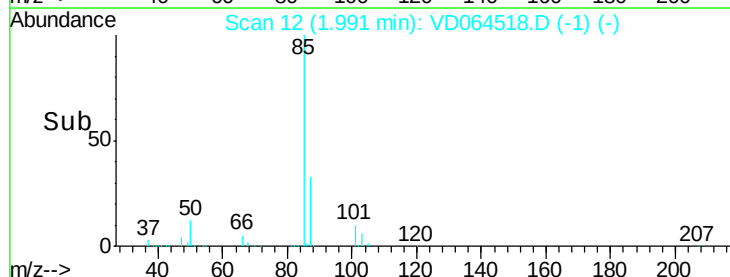
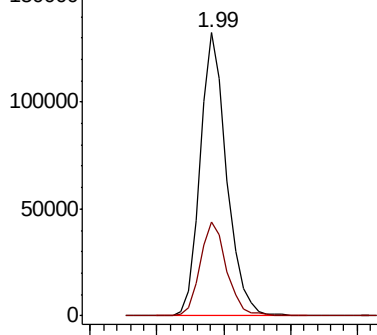
85 100

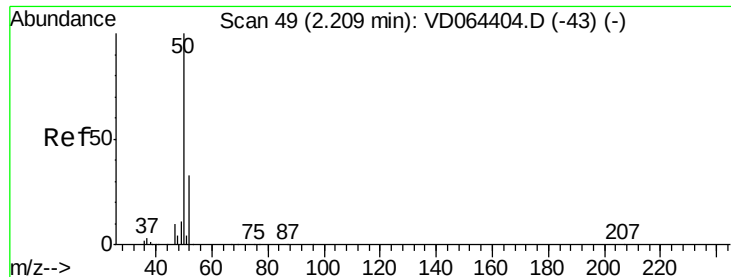
87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.336 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

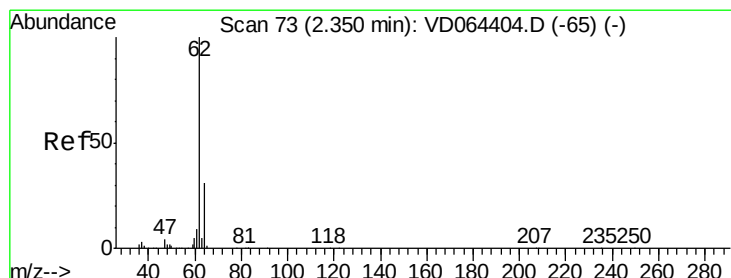
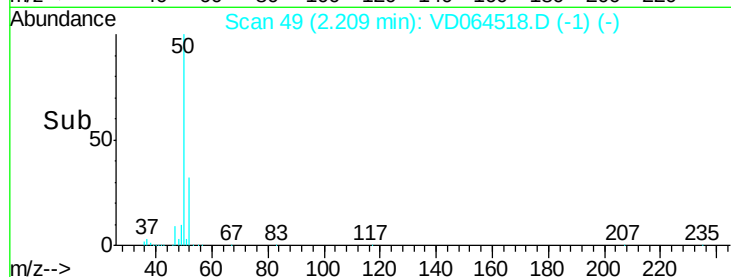
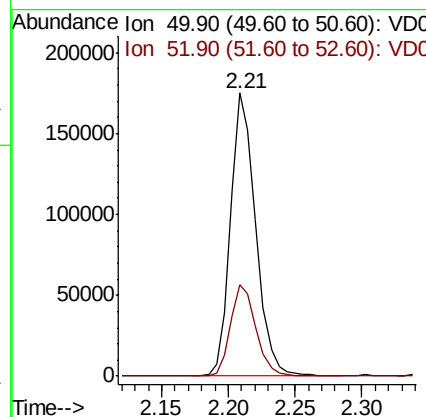
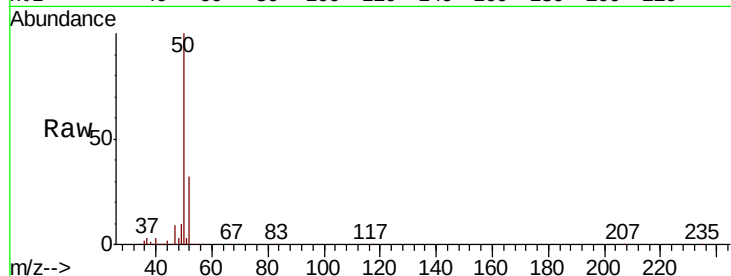
VSTDCCC050

Tgt Ion: 50 Resp: 232761

Ion Ratio Lower Upper

50 100

52 32.3 26.7 40.1



#4

Vinyl Chloride

Concen: 49.916 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064518.D

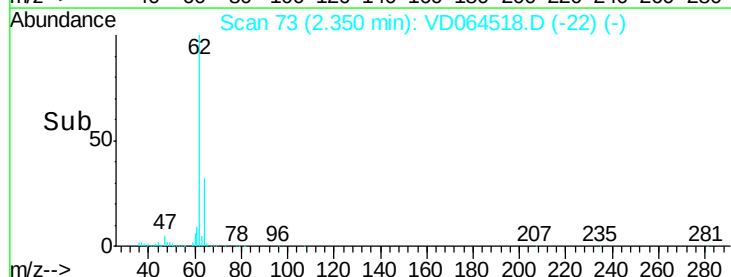
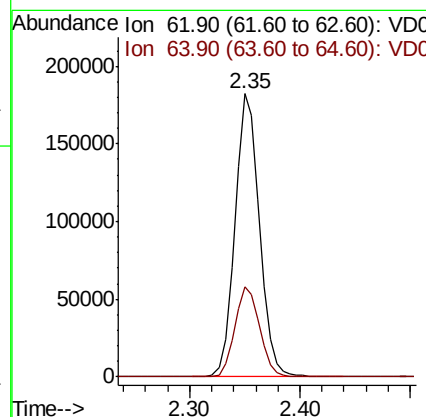
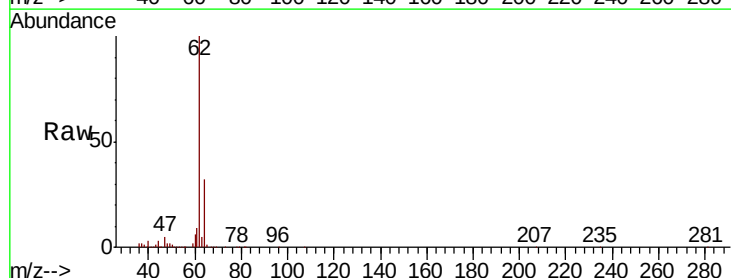
Acq: 16 Dec 2019 11:27

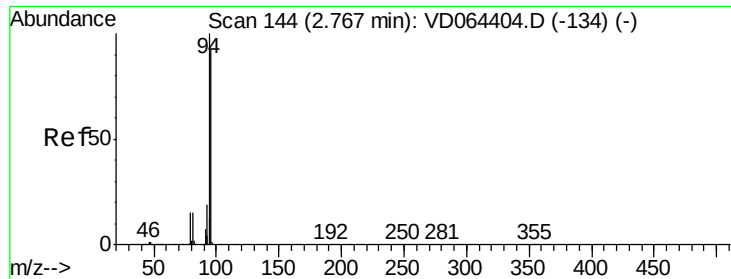
Tgt Ion: 62 Resp: 283397

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.4





#5

Bromomethane

Concen: 47.487 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

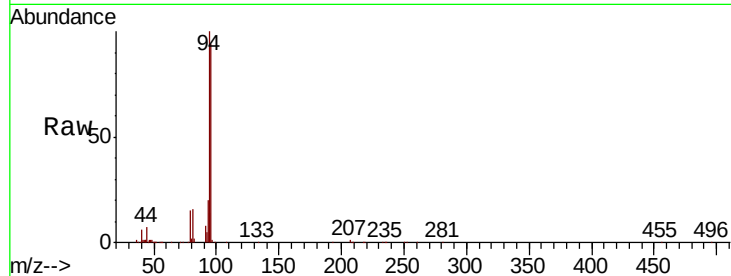
VSTDCCC050

Tgt Ion: 94 Resp: 199374

Ion Ratio Lower Upper

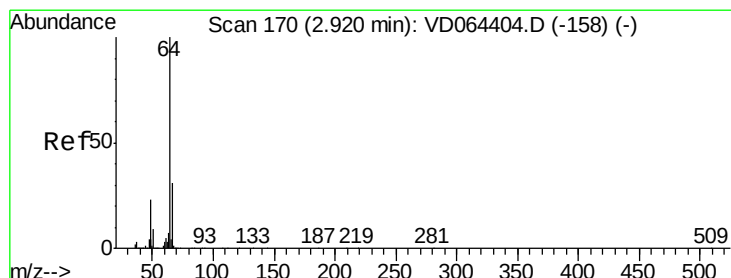
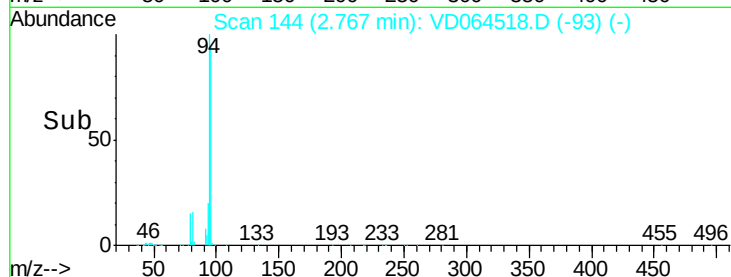
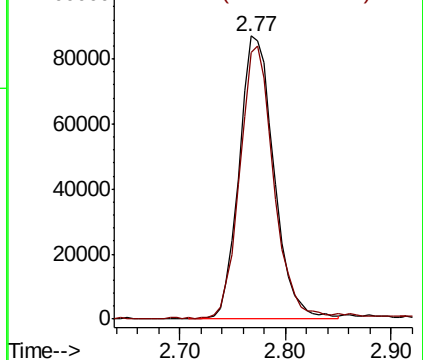
94 100

96 93.6 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.536 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD064518.D

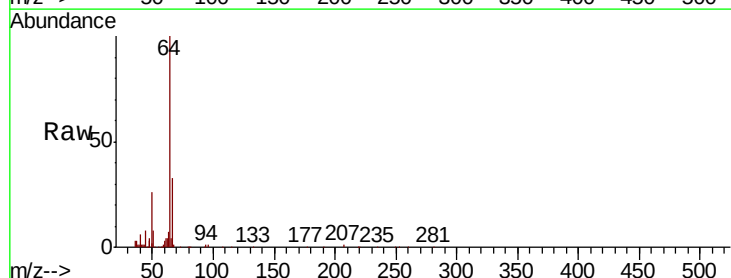
Acq: 16 Dec 2019 11:27

Tgt Ion: 64 Resp: 187979

Ion Ratio Lower Upper

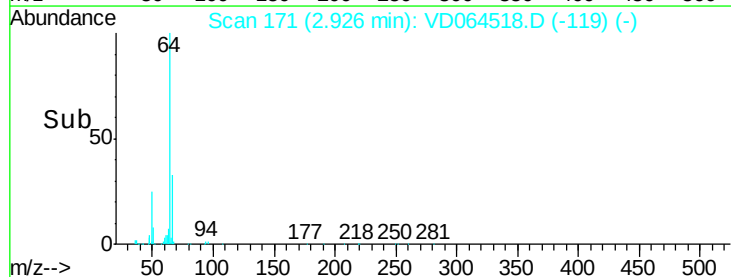
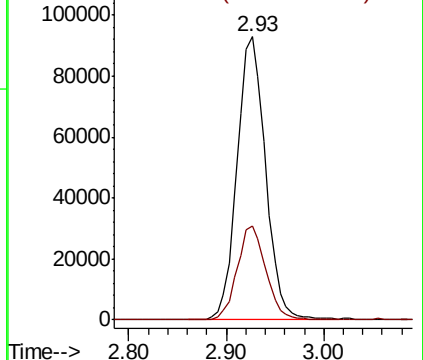
64 100

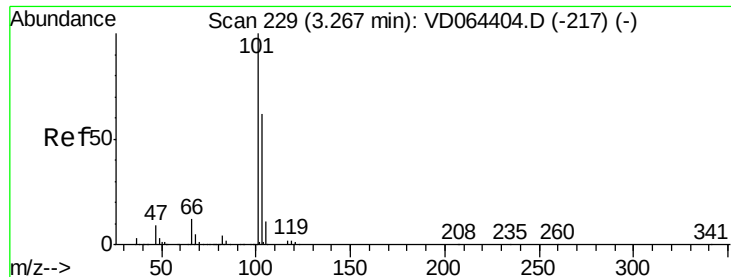
66 33.3 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



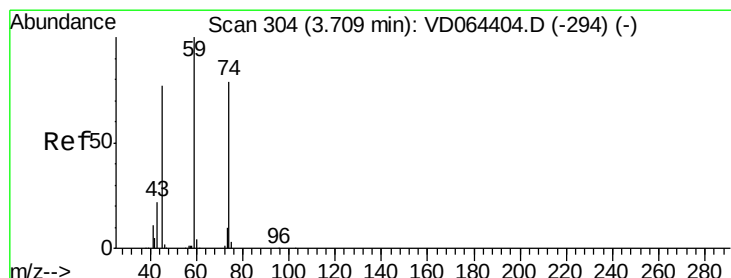
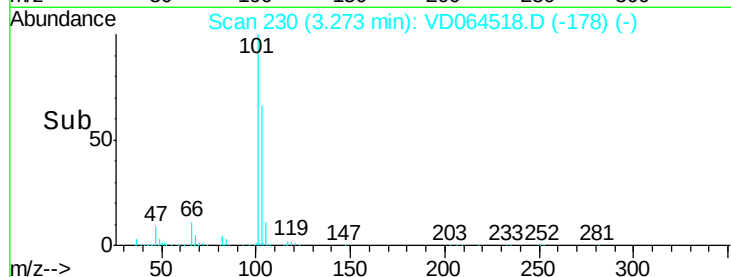
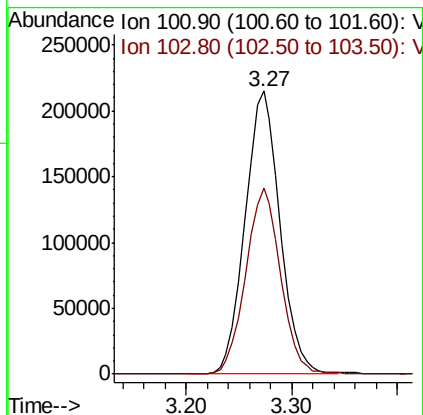
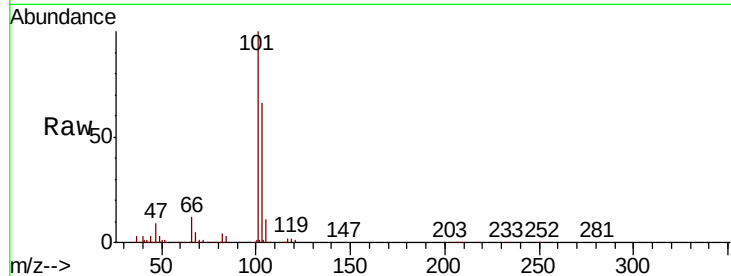


#7

Trichlorofluoromethane
 Concen: 52.186 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

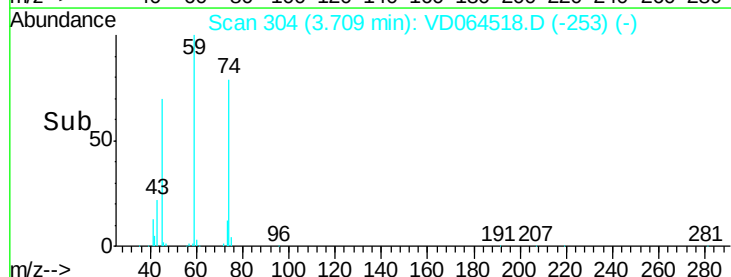
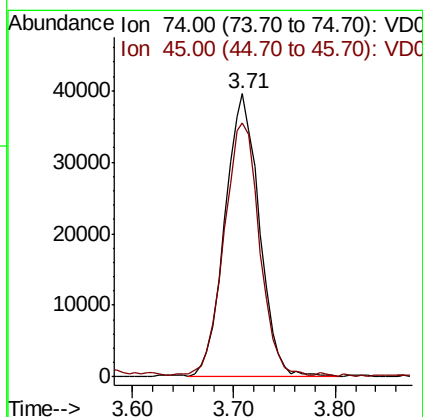
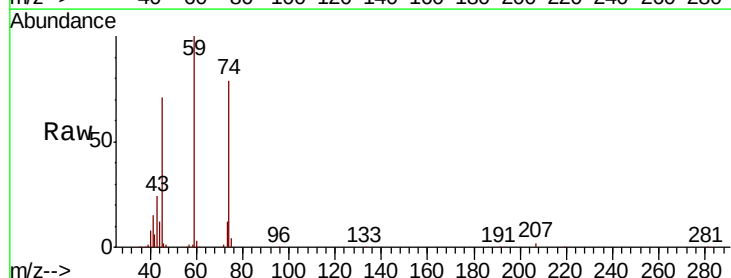
Tgt Ion:101 Resp: 492547
 Ion Ratio Lower Upper
 101 100
 103 65.5 49.8 74.6

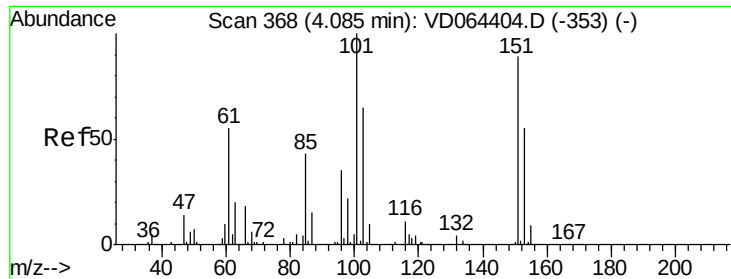


#8

Diethyl Ether
 Concen: 47.623 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

Tgt Ion: 74 Resp: 93402
 Ion Ratio Lower Upper
 74 100
 45 91.3 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.361 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

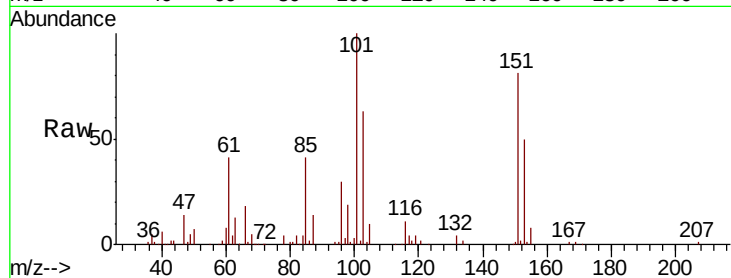
Tgt Ion:101 Resp: 211897

Ion Ratio Lower Upper

101 100

85 44.2 34.8 52.2

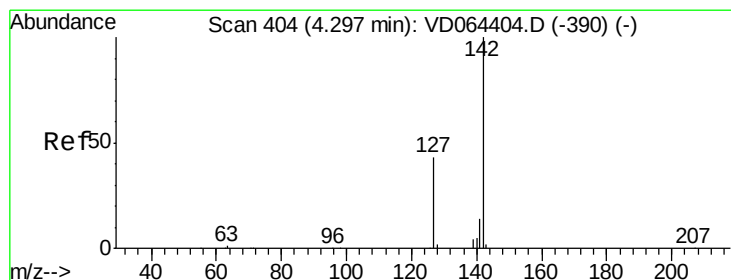
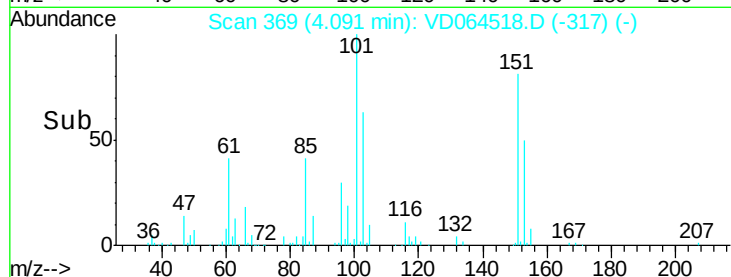
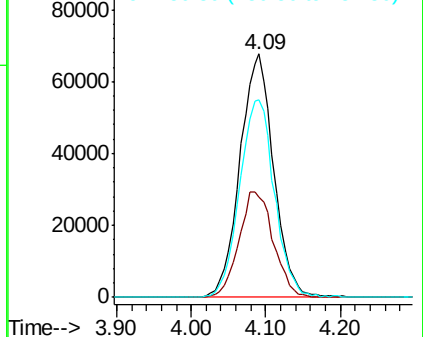
151 83.9 68.8 103.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.495 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

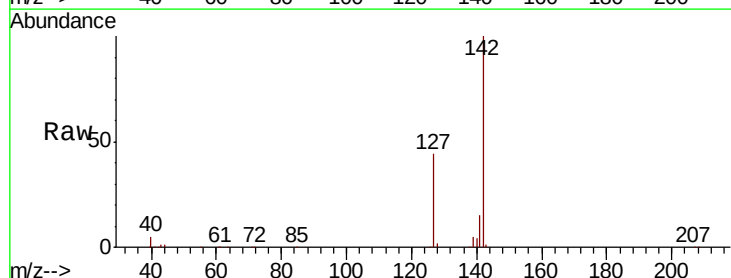
Tgt Ion:142 Resp: 237163

Ion Ratio Lower Upper

142 100

127 44.4 35.3 52.9

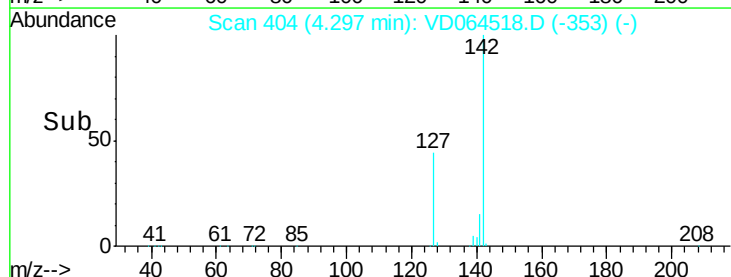
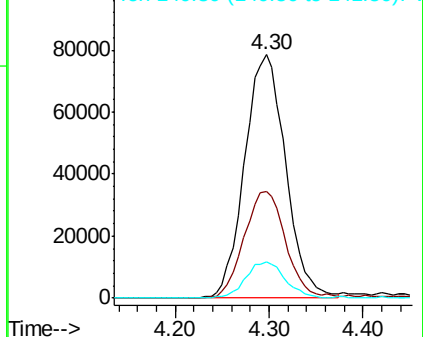
141 14.3 11.6 17.4

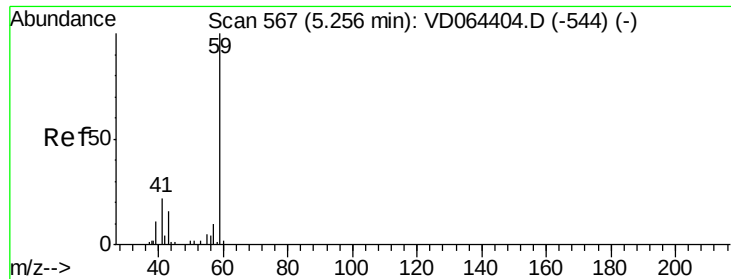


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

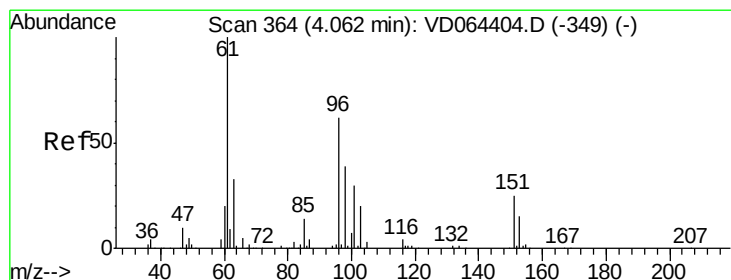
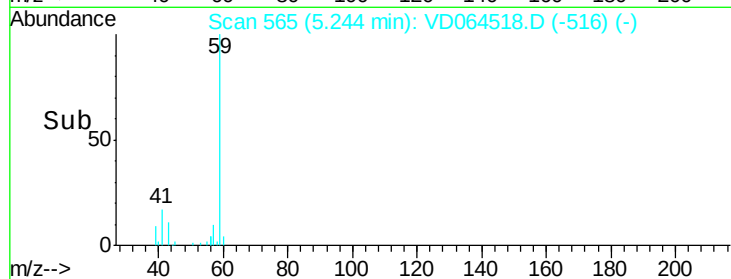
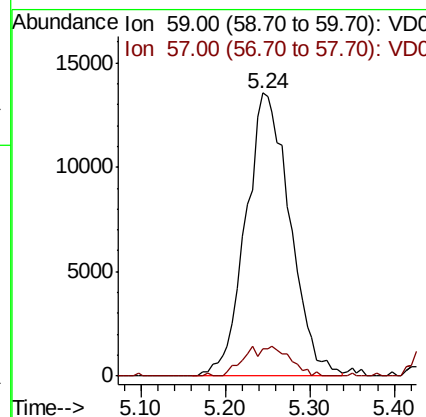
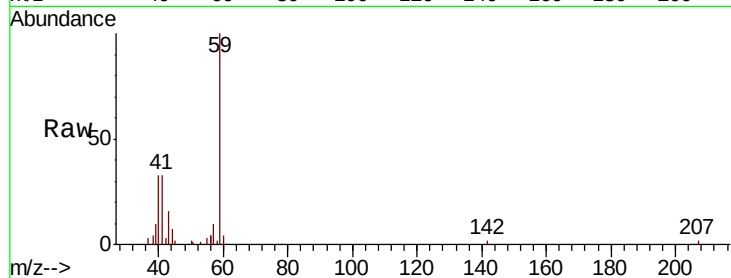




#11
Tert butyl alcohol
Concen: 198.871 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

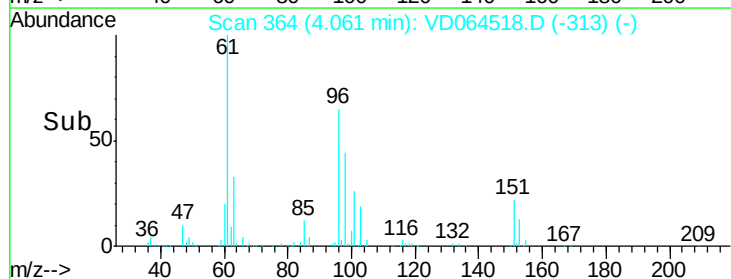
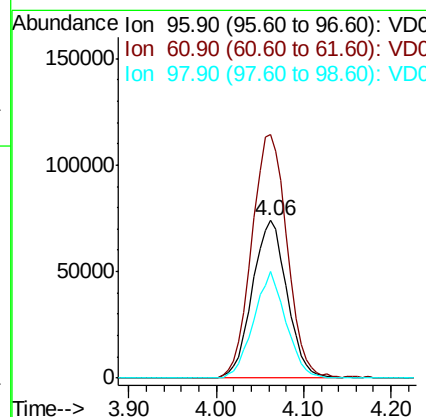
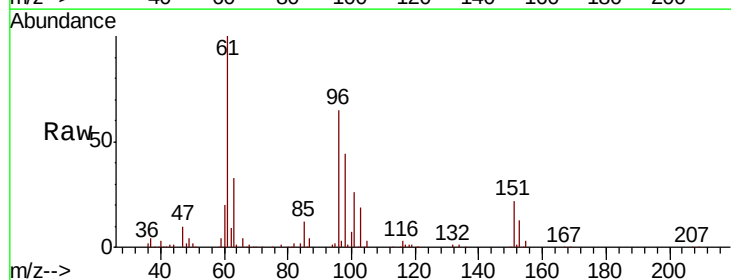
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

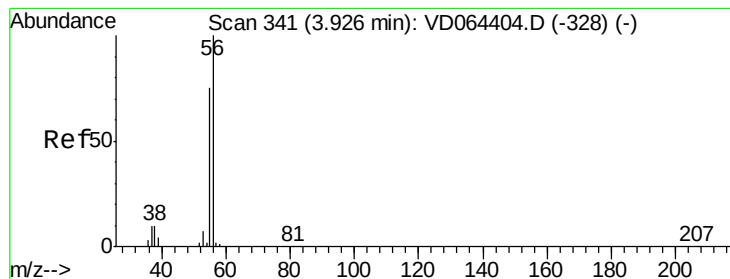
Tgt Ion: 59 Resp: 49301
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#12
1,1-Dichloroethene
Concen: 51.645 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion: 96 Resp: 200288
Ion Ratio Lower Upper
96 100
61 154.8 128.2 192.4
98 68.2 50.4 75.6





#13

Acrolein

Concen: 264.532 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

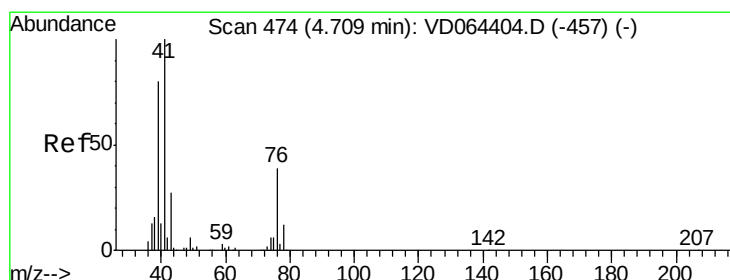
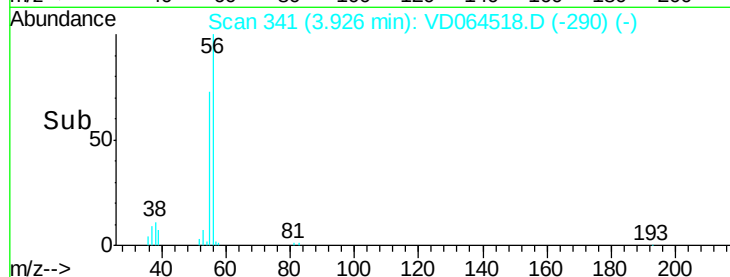
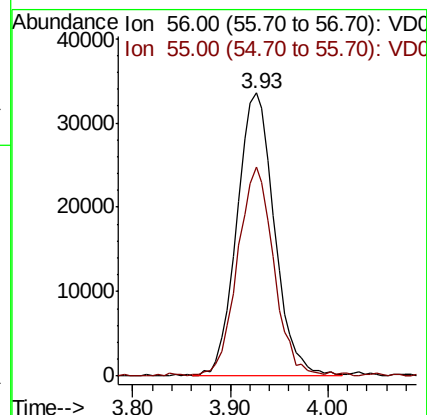
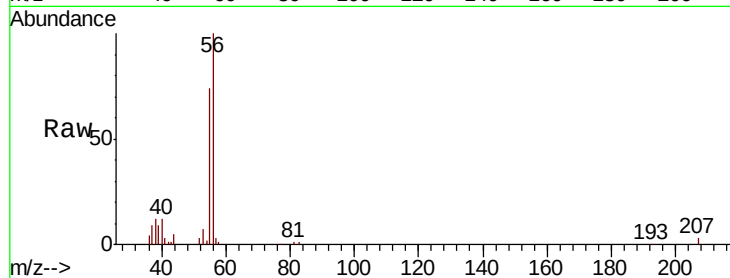
VSTDCCC050

Tgt Ion: 56 Resp: 89448

Ion Ratio Lower Upper

56 100

55 71.4 56.9 85.3



#14

Allyl chloride

Concen: 52.591 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

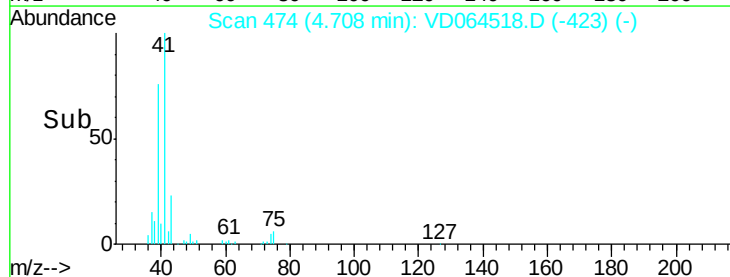
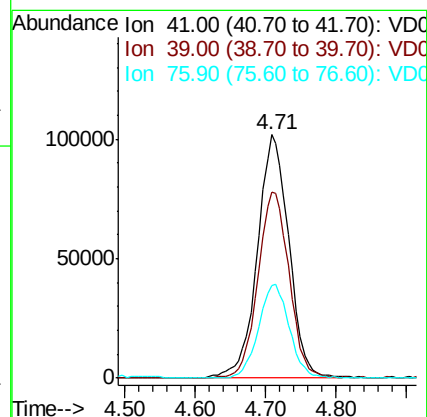
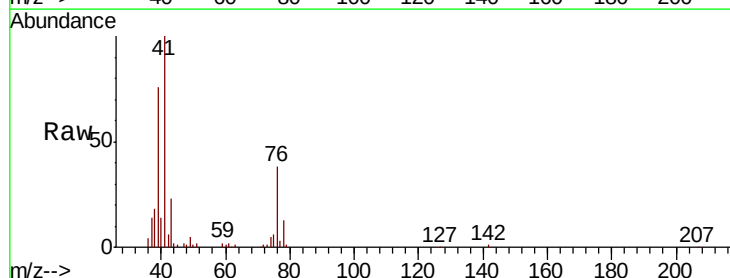
Tgt Ion: 41 Resp: 318299

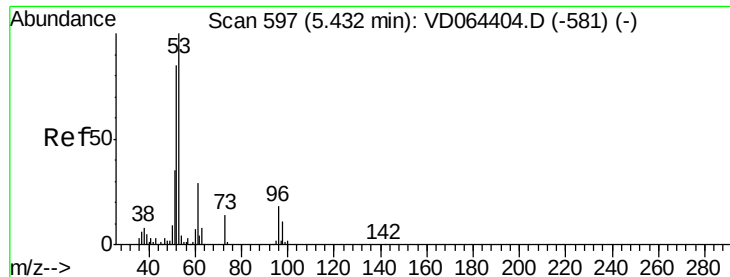
Ion Ratio Lower Upper

41 100

39 76.0 62.1 93.1

76 37.3 29.8 44.8





#15

Acrylonitrile

Concen: 223.063 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

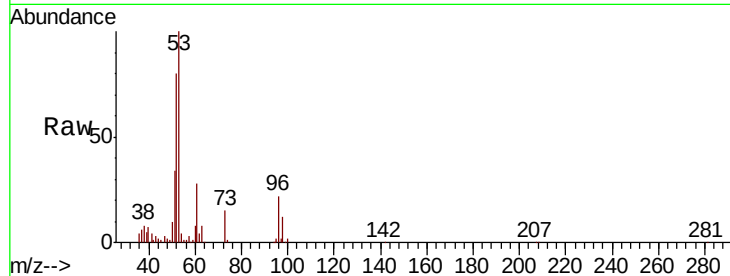
Tgt Ion: 53 Resp: 191309

Ion Ratio Lower Upper

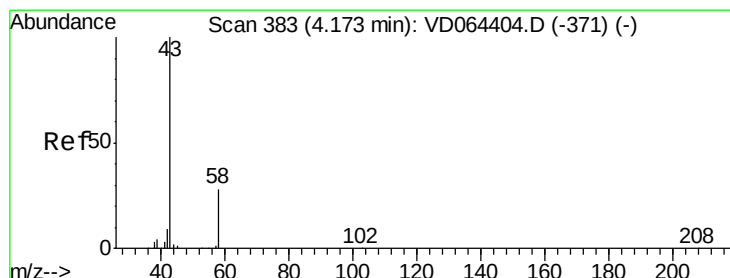
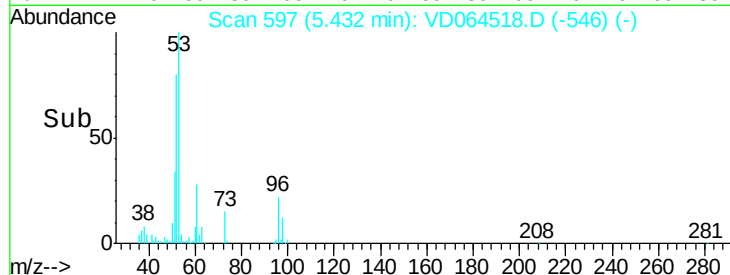
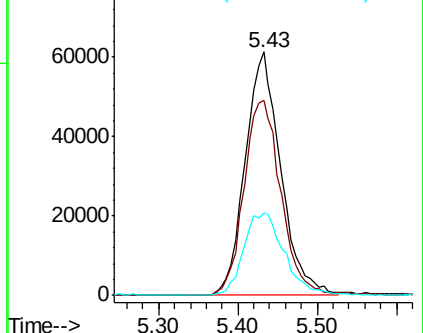
53 100

52 83.2 67.9 101.9

51 38.5 30.6 45.8



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 290.654 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064518.D

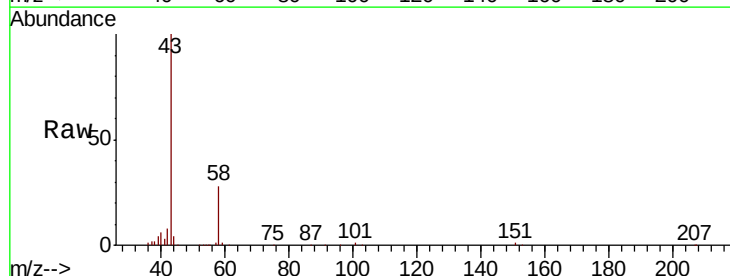
Acq: 16 Dec 2019 11:27

Tgt Ion: 43 Resp: 228744

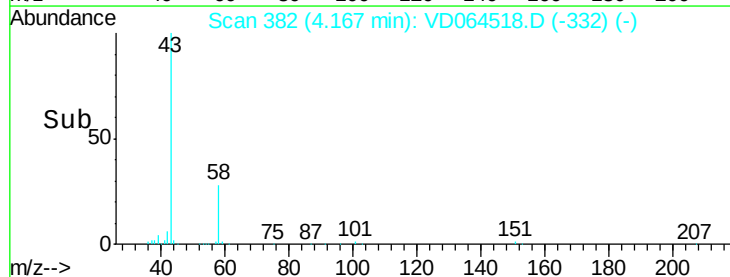
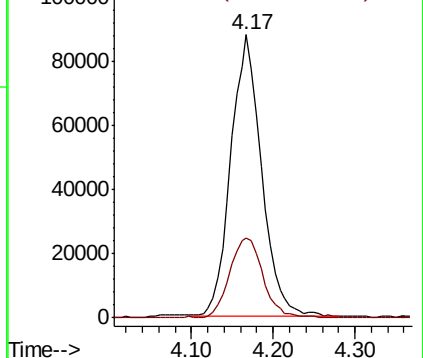
Ion Ratio Lower Upper

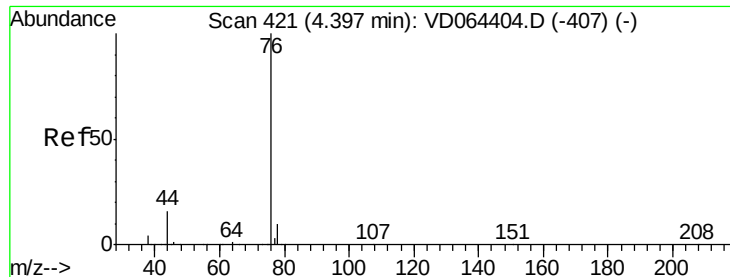
43 100

58 28.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

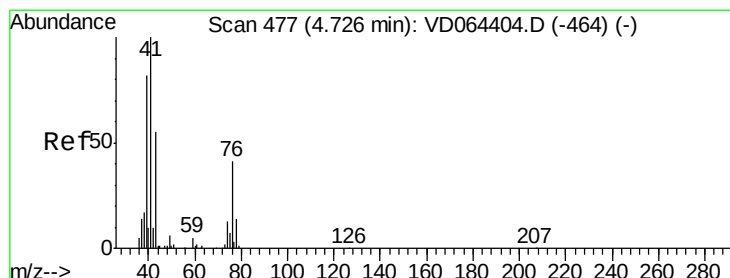
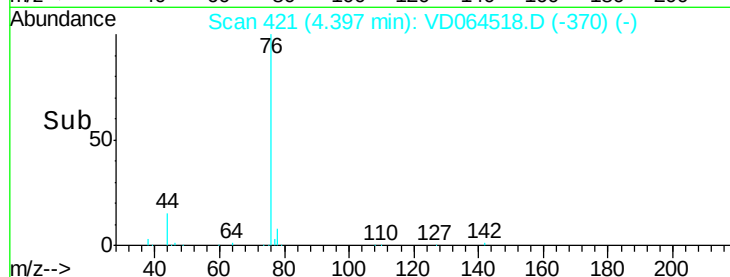
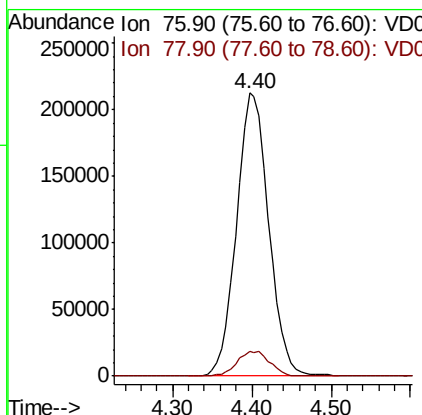
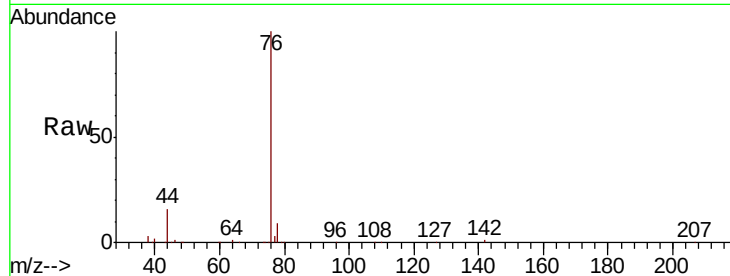




#17
Carbon Disulfide
Concen: 48.777 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

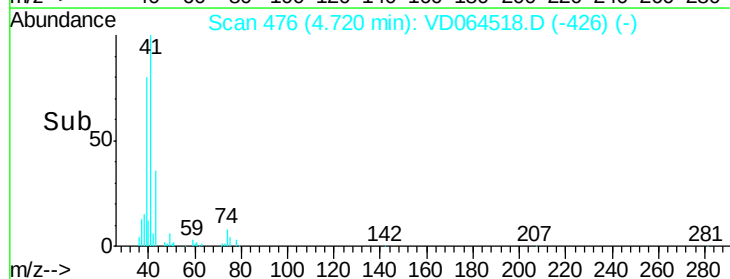
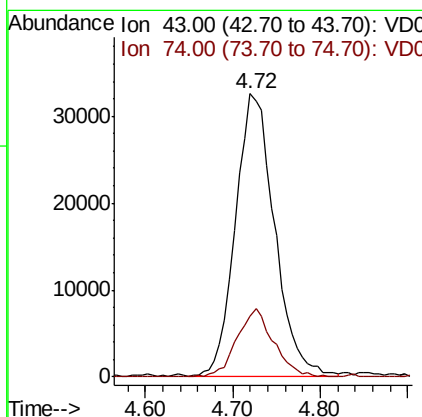
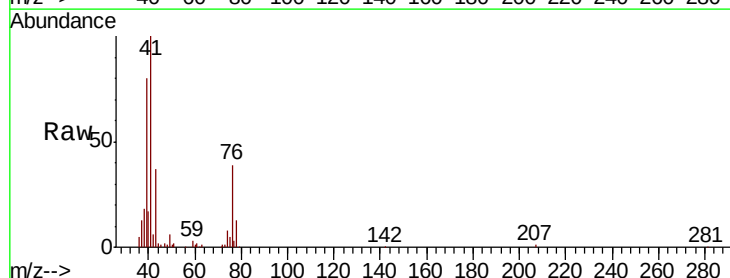
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

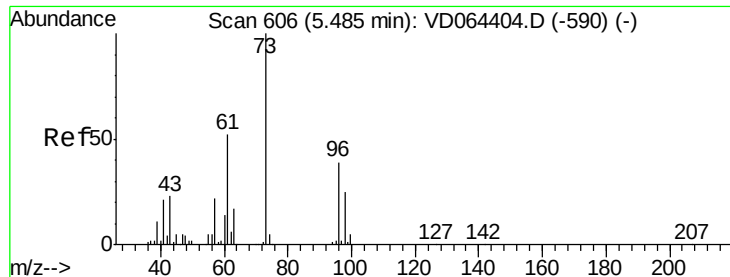
Tgt Ion: 76 Resp: 599120
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8



#18
Methyl Acetate
Concen: 43.285 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion: 43 Resp: 99365
Ion Ratio Lower Upper
43 100
74 22.3 19.7 29.5

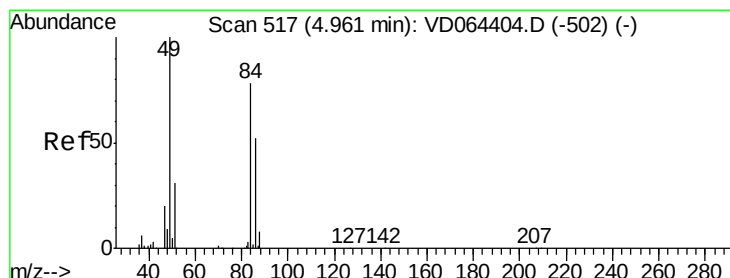
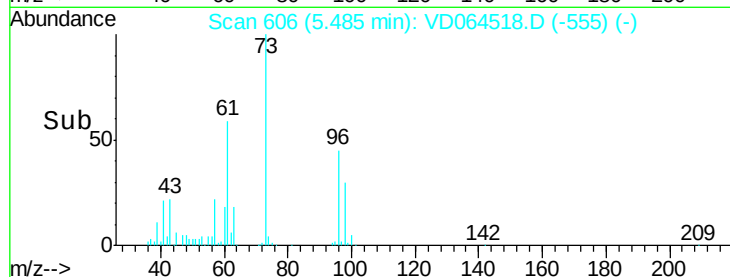
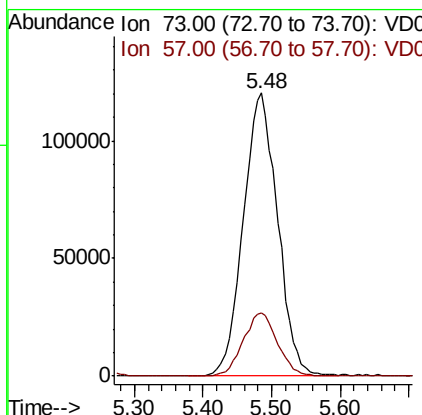
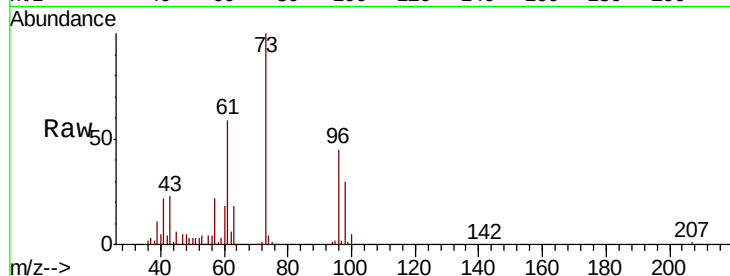




#19
Methyl tert-butyl Ether
Concen: 47.002 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

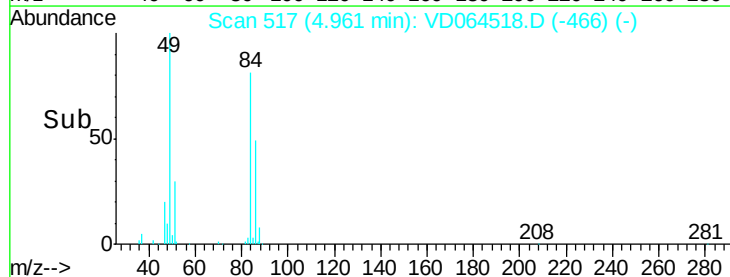
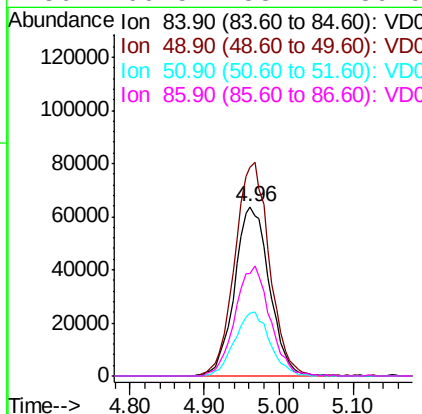
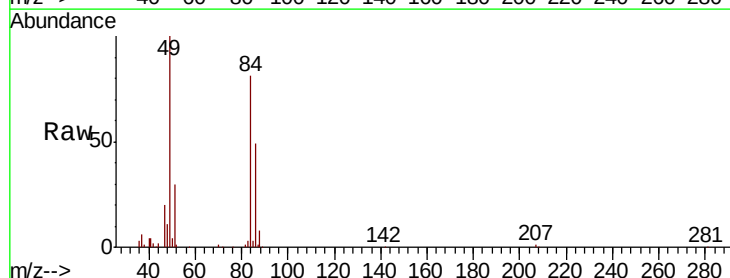
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

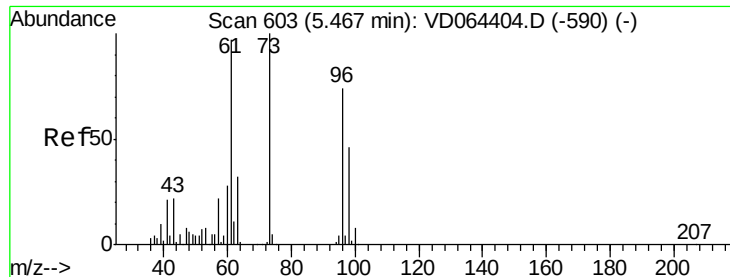
Tgt Ion: 73 Resp: 418130
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4



#20
Methylene Chloride
Concen: 51.618 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion: 84 Resp: 205834
Ion Ratio Lower Upper
84 100
49 123.5 102.6 153.8
51 37.2 32.0 48.0
86 60.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 51.067 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

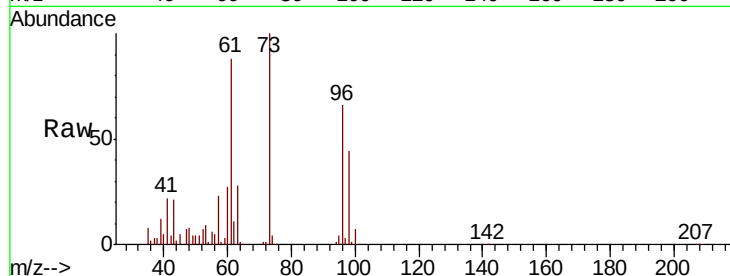
Tgt Ion: 96 Resp: 224019

Ion Ratio Lower Upper

96 100

61 133.1 105.8 158.6

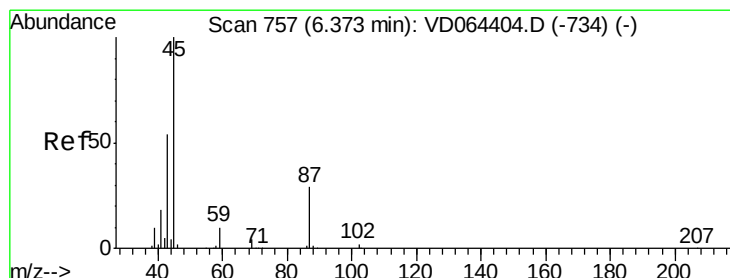
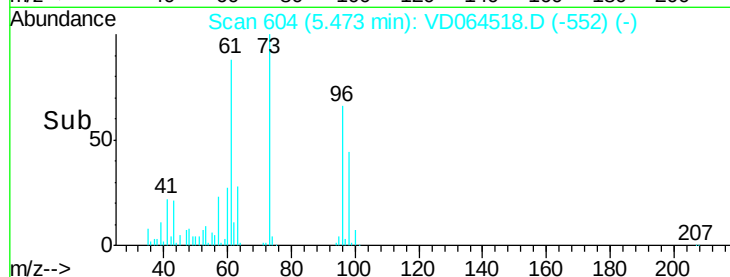
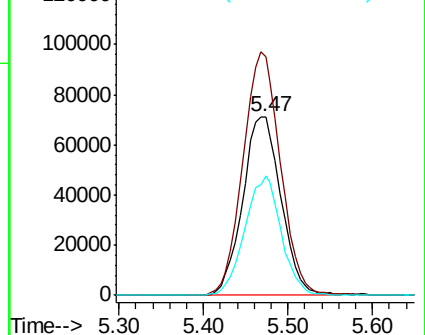
98 66.9 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 50.464 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Tgt Ion: 45 Resp: 602949

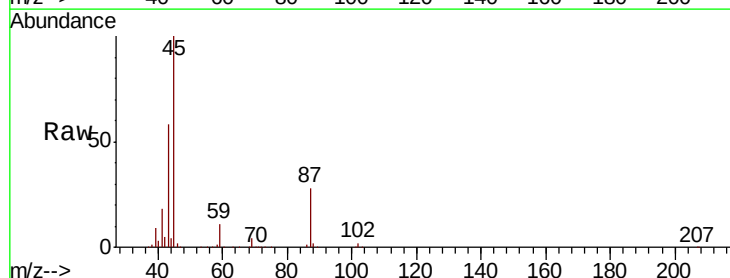
Ion Ratio Lower Upper

45 100

43 57.3 43.1 64.7

87 28.0 23.5 35.3

59 10.6 8.2 12.2

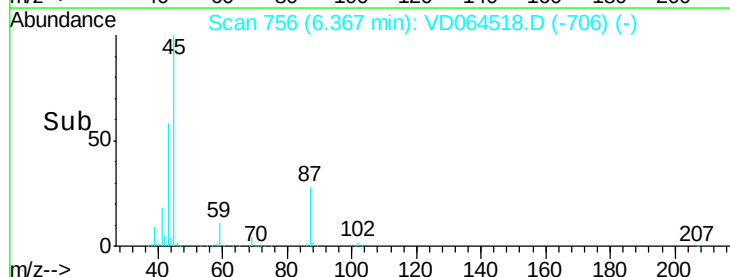
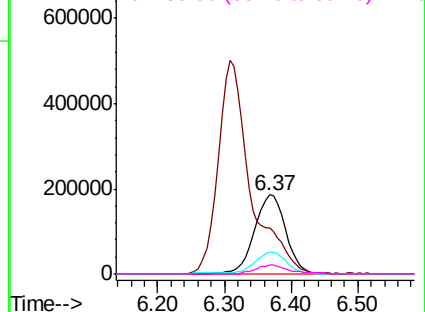


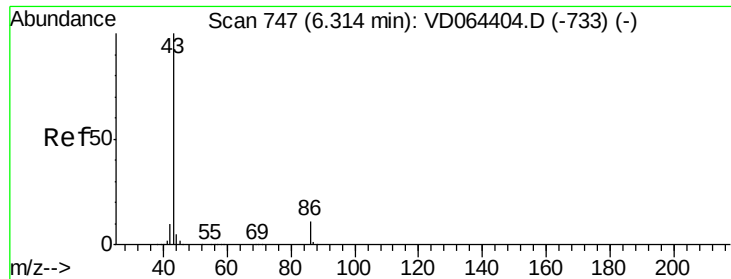
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 241.690 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

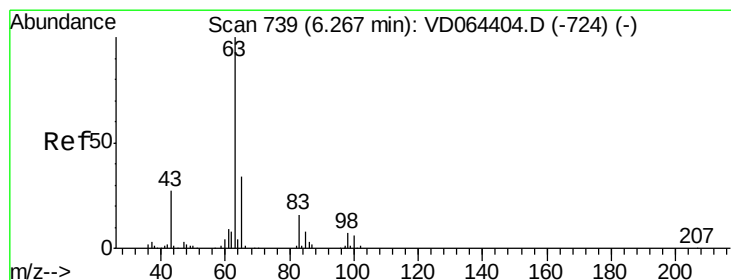
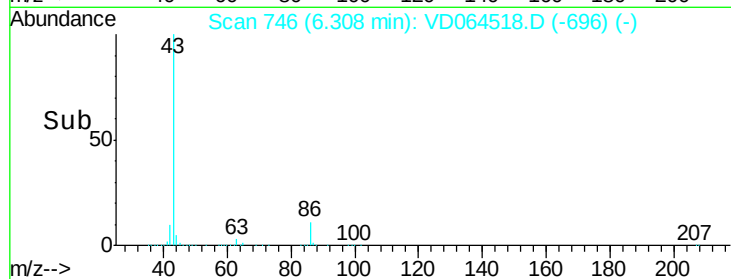
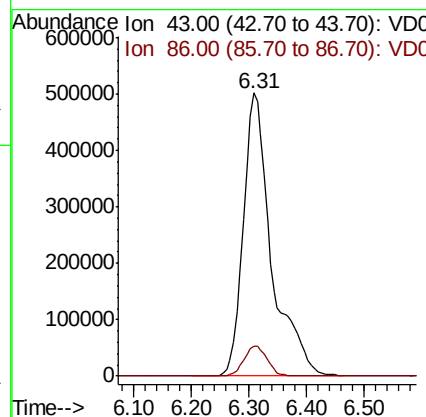
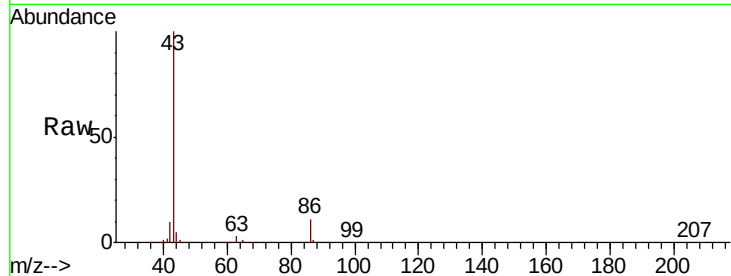
VSTDCCC050

Tgt Ion: 43 Resp: 1702426

Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 51.748 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

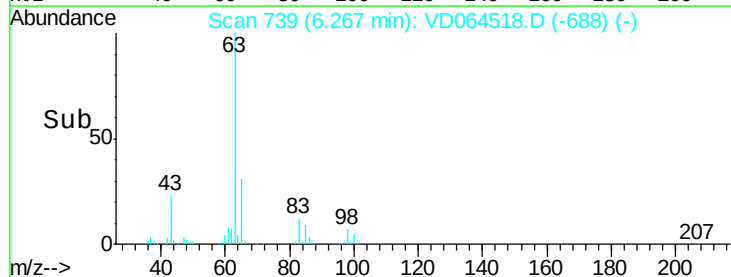
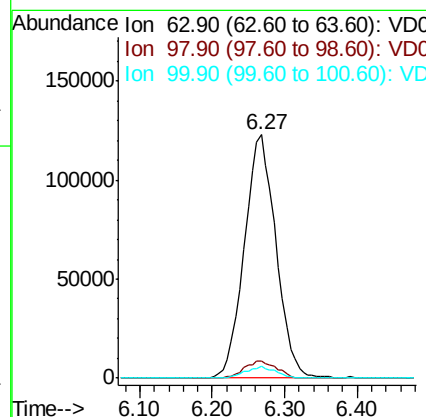
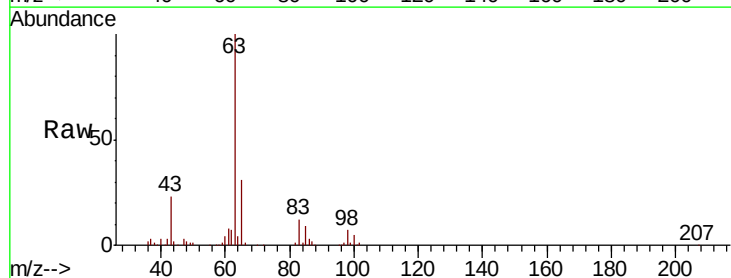
Tgt Ion: 63 Resp: 371834

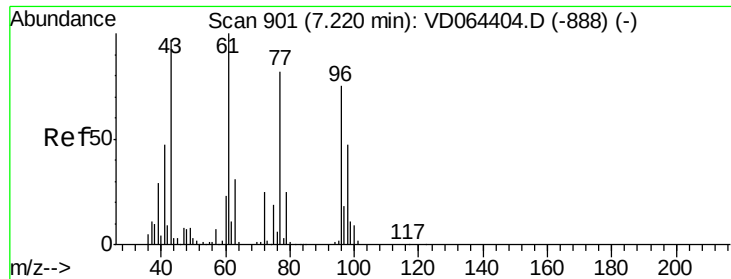
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 5.1 2.9 8.6





#25

2-Butanone

Concen: 229.543 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

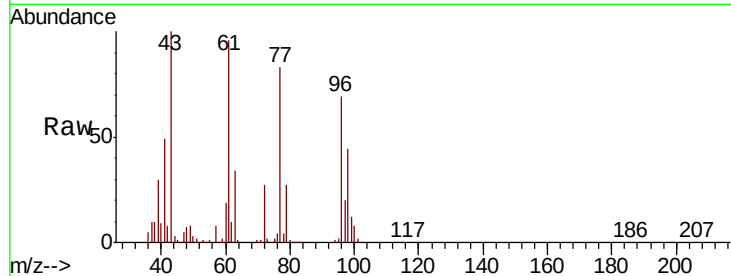
VSTDCCC050

Tgt Ion: 43 Resp: 255477

Ion Ratio Lower Upper

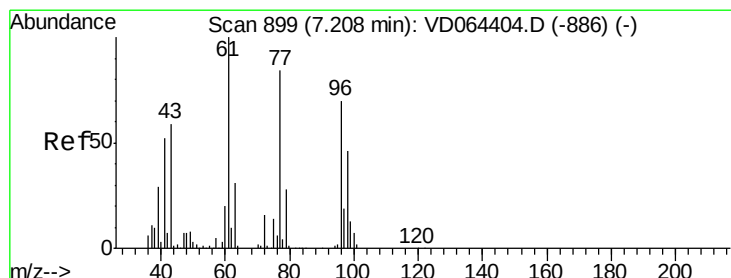
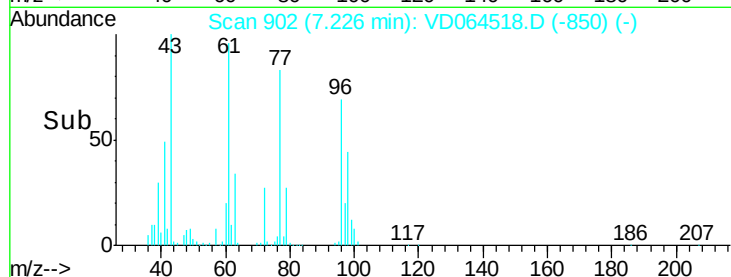
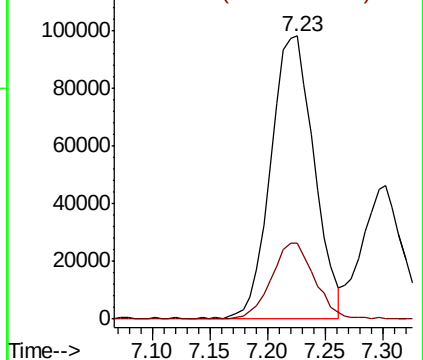
43 100

72 26.9 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 56.120 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD064518.D

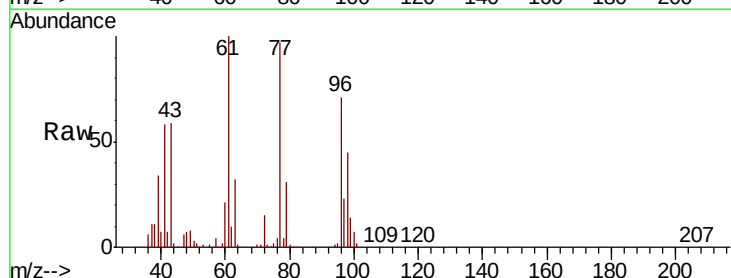
Acq: 16 Dec 2019 11:27

Tgt Ion: 77 Resp: 350687

Ion Ratio Lower Upper

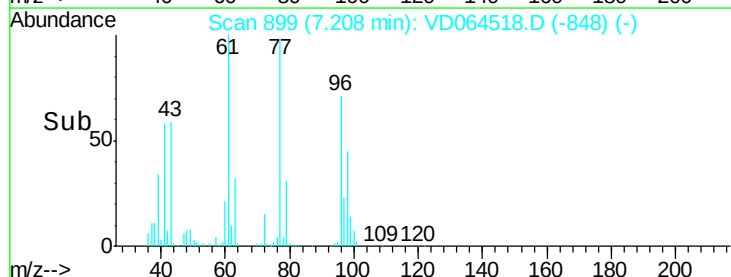
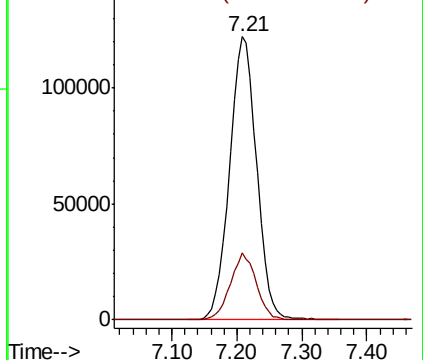
77 100

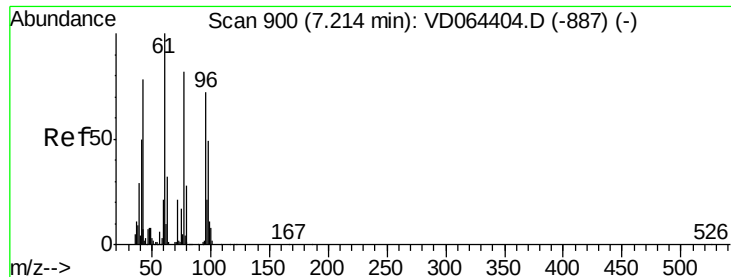
97 22.6 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



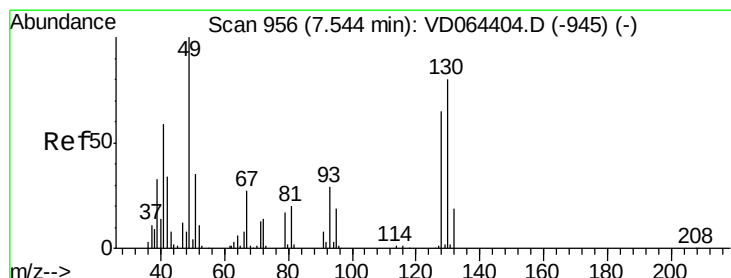
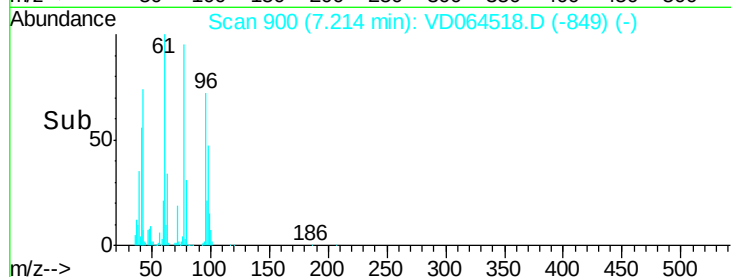
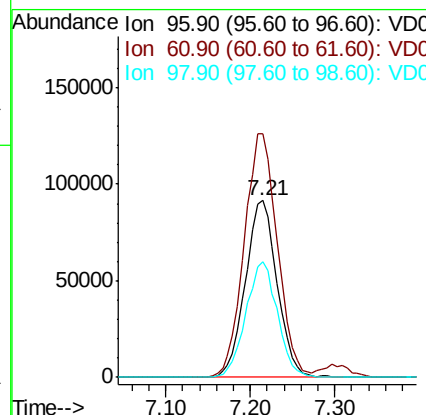
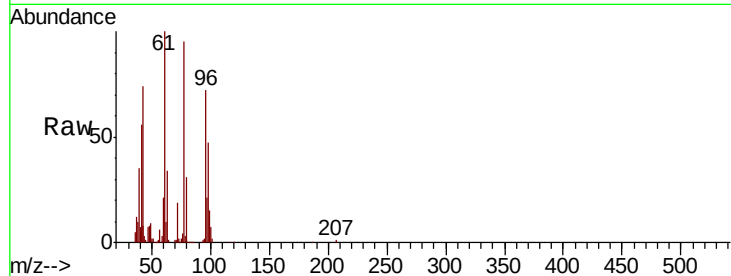


#27

cis-1,2-Dichloroethene
Concen: 50.103 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

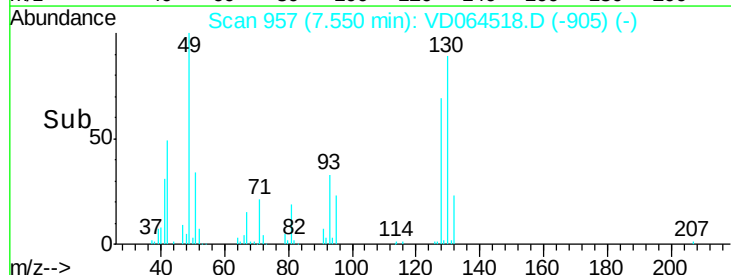
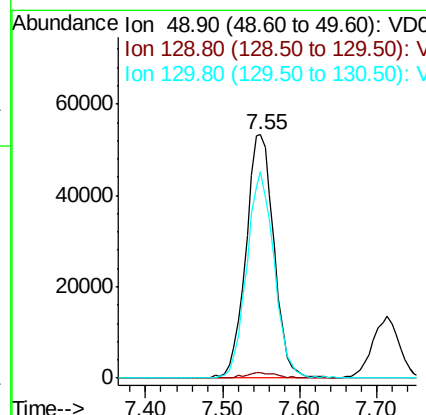
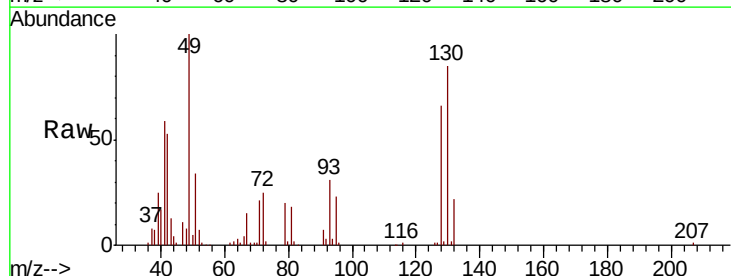
Tgt Ion: 96 Resp: 239624
Ion Ratio Lower Upper
96 100
61 143.4 0.0 279.6
98 64.7 0.0 129.2

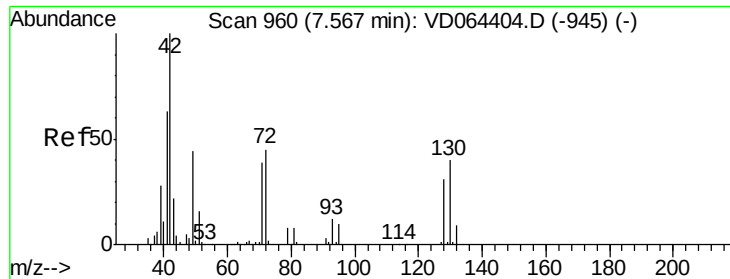


#28

Bromochloromethane
Concen: 55.270 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion: 49 Resp: 135722
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.4
130 83.0 67.4 101.0

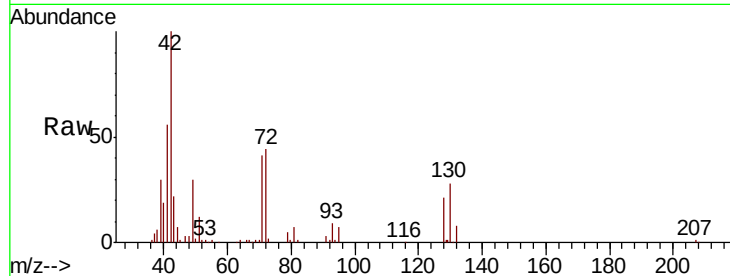




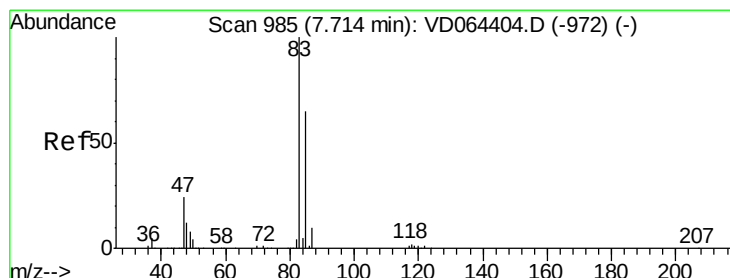
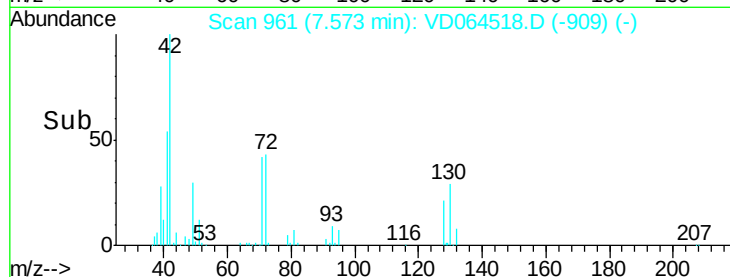
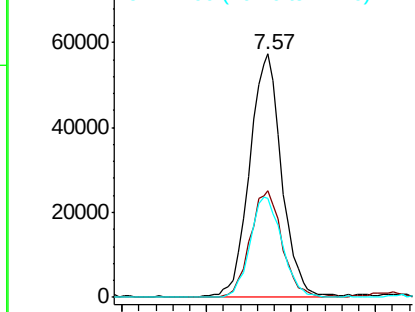
#29
Tetrahydrofuran
Concen: 214.517 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.01 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 151900
Ion Ratio Lower Upper
42 100
72 43.4 35.8 53.8
71 40.9 32.7 49.1

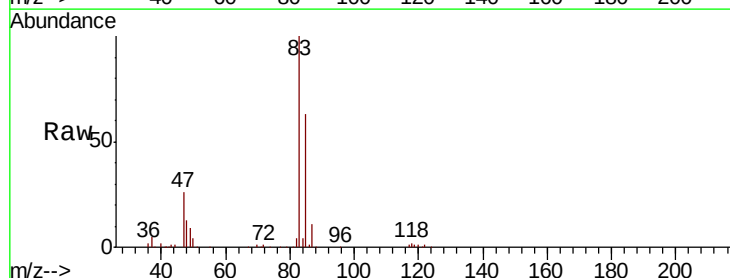


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

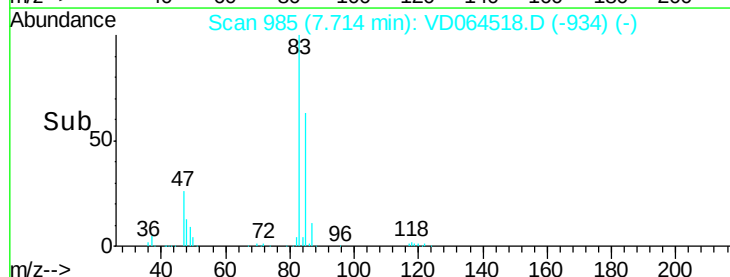
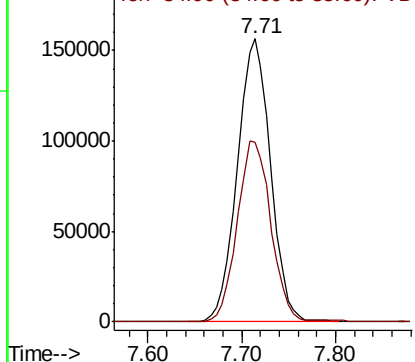


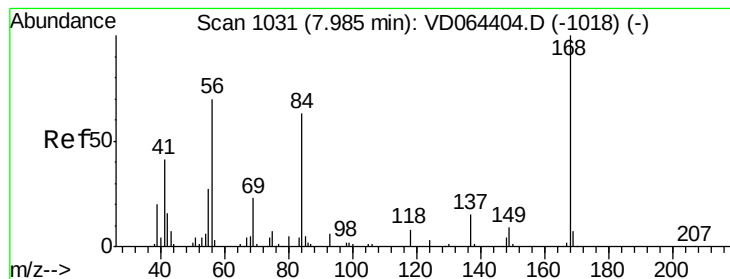
#30
Chloroform
Concen: 51.476 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion: 83 Resp: 383069
Ion Ratio Lower Upper
83 100
85 63.4 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 55.890 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

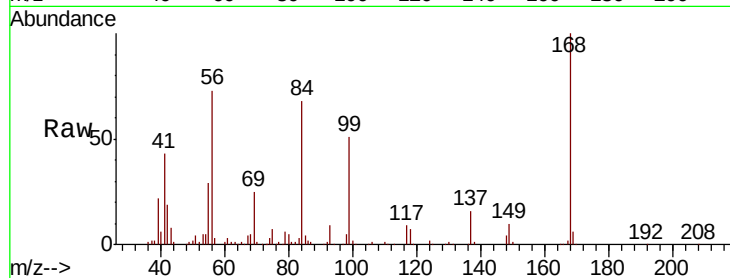
Tgt Ion: 56 Resp: 347229

Ion Ratio Lower Upper

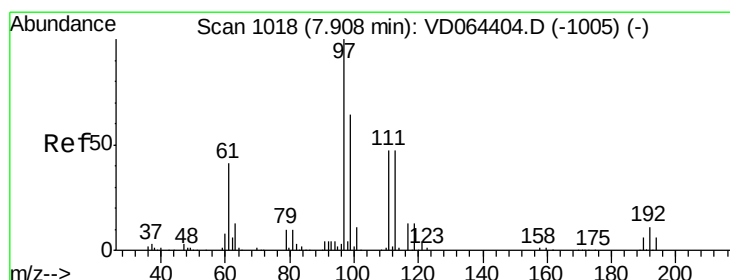
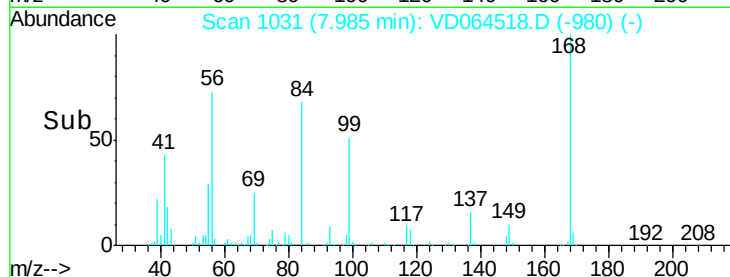
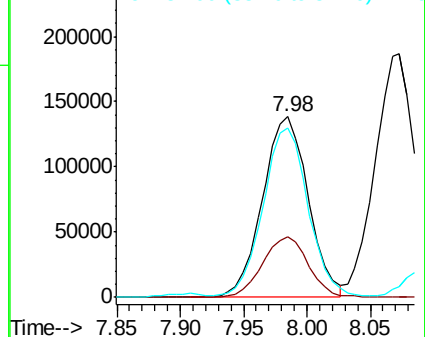
56 100

69 33.8 26.2 39.4

84 92.1 70.3 105.5



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



#32

1,1,1-Trichloroethane

Concen: 53.275 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

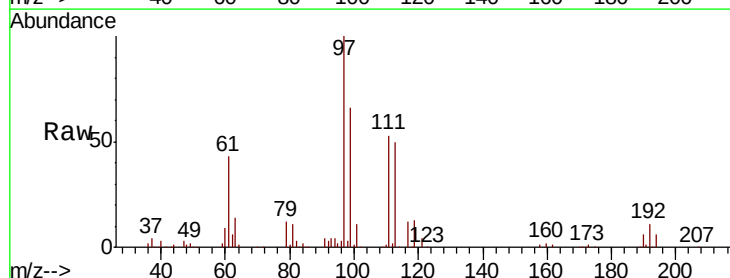
Tgt Ion: 97 Resp: 367555

Ion Ratio Lower Upper

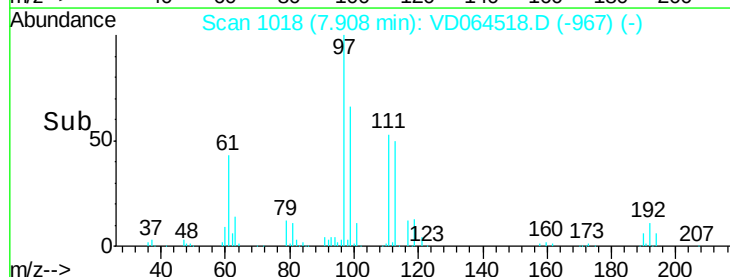
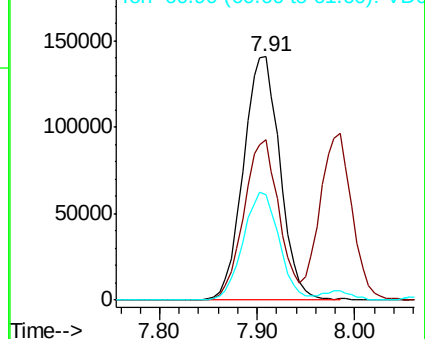
97 100

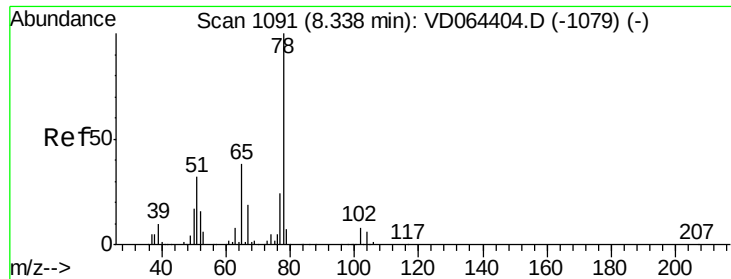
99 63.5 51.4 77.2

61 43.7 35.0 52.4



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

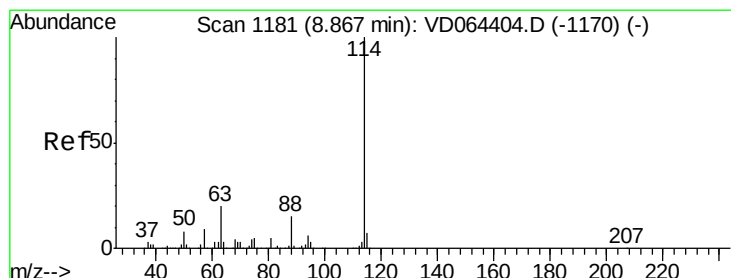
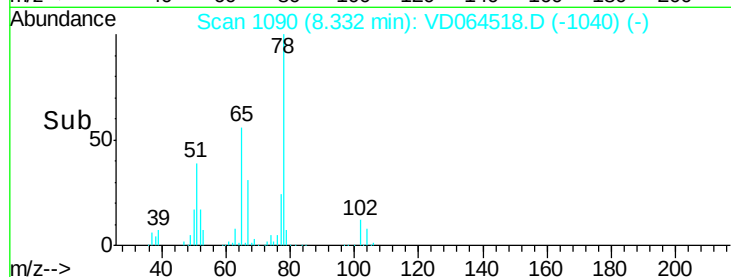
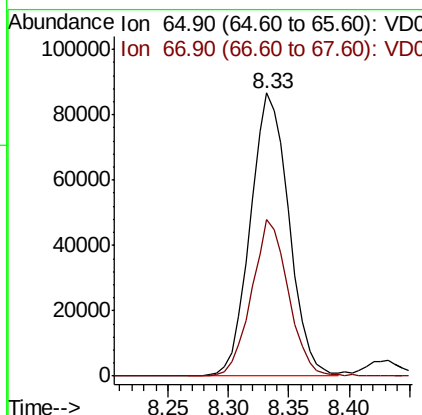
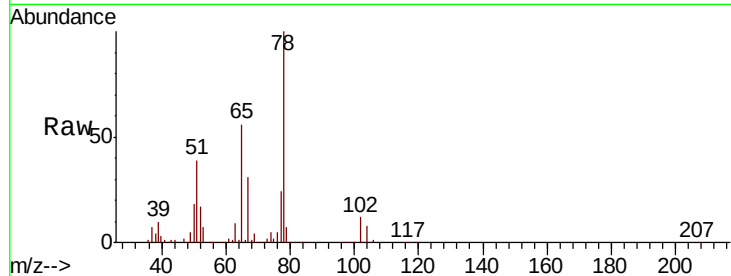




#33
 1,2-Dichloroethane-d4
 Concen: 49.624 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

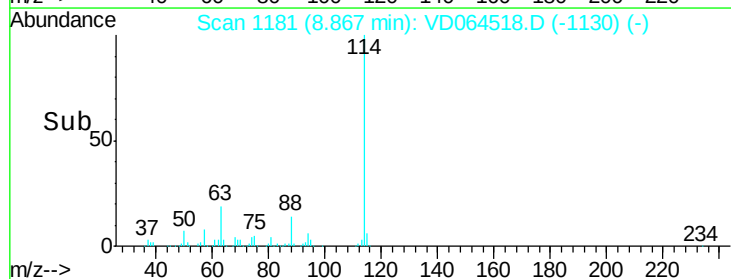
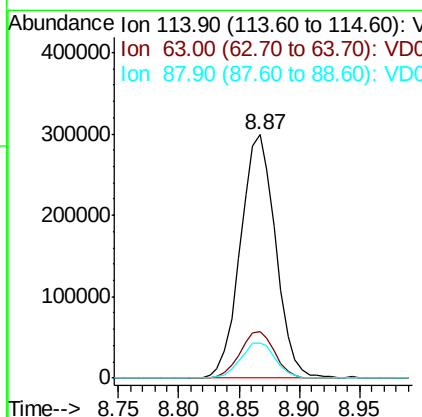
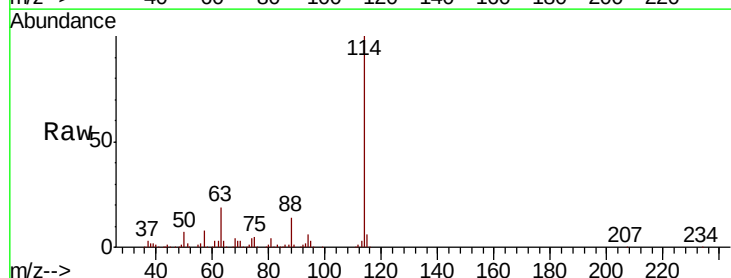
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

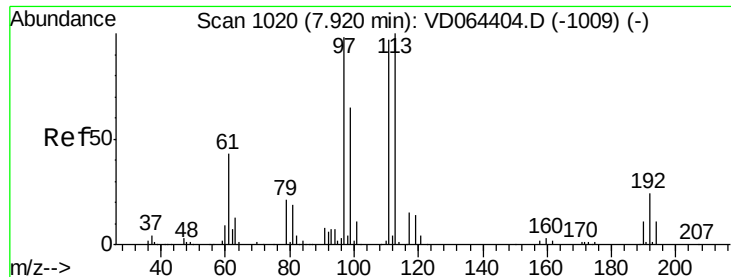
Tgt Ion: 65 Resp: 193259
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

Tgt Ion: 114 Resp: 608047
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 14.3 0.0 29.2

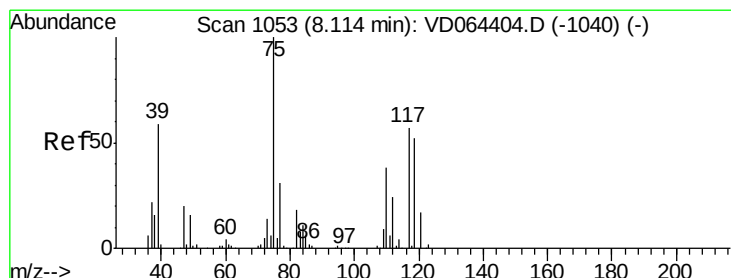
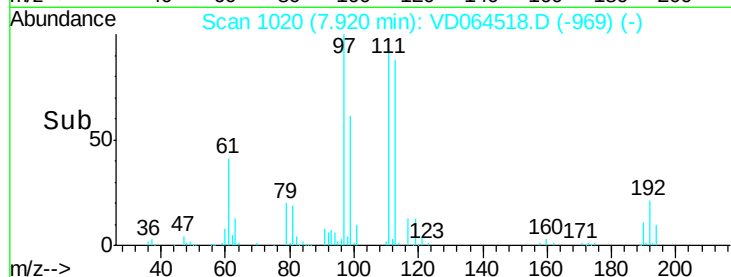
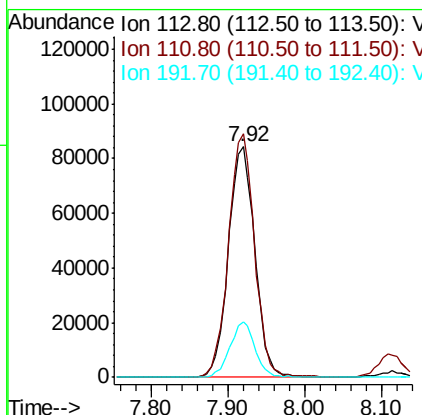
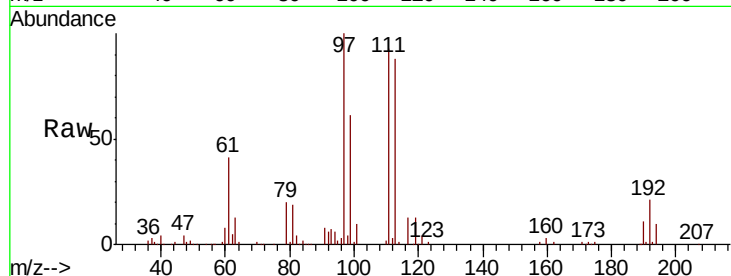




#35
 Dibromofluoromethane
 Concen: 52.981 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

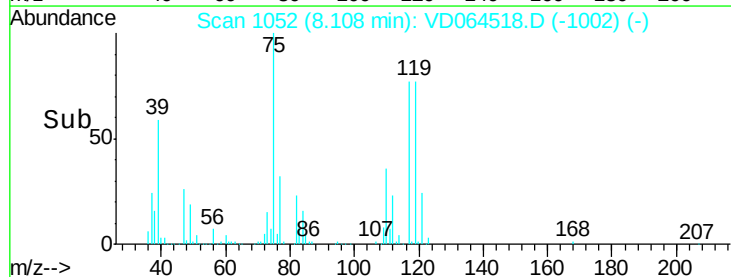
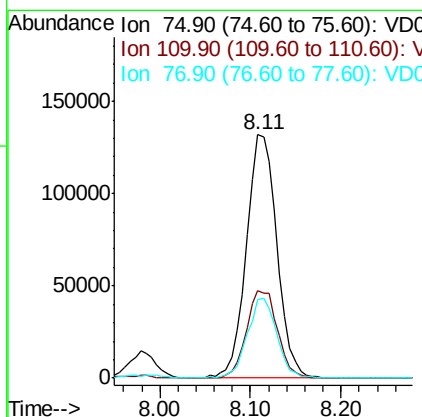
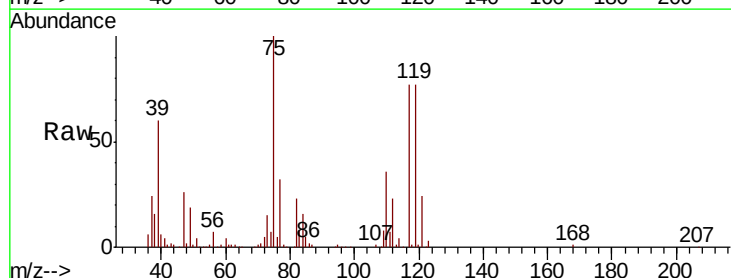
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

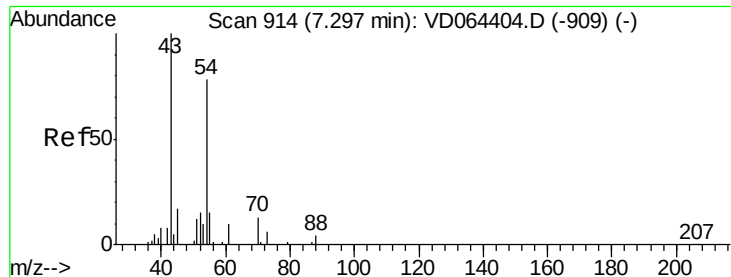
Tgt Ion: 113 Resp: 202969
 Ion Ratio Lower Upper
 113 100
 111 103.4 79.4 119.2
 192 22.9 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 53.597 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

Tgt Ion: 75 Resp: 308255
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.6 55.8
 77 31.9 25.0 37.4

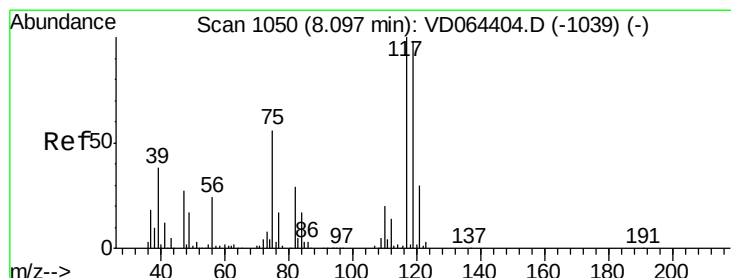
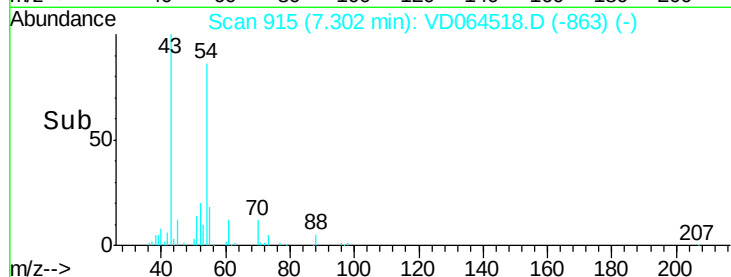
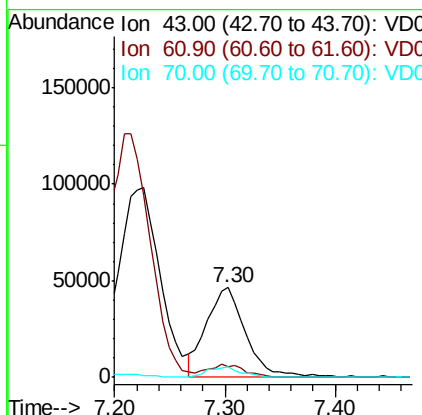
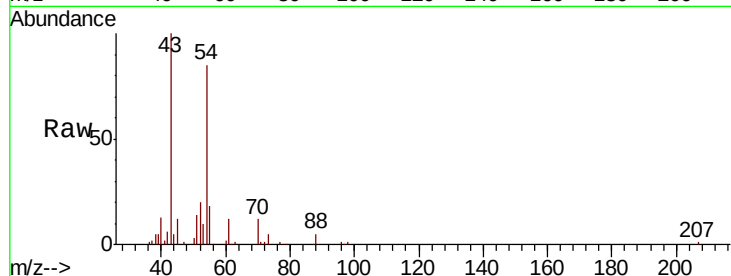




#37
Ethyl Acetate
Concen: 45.647 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

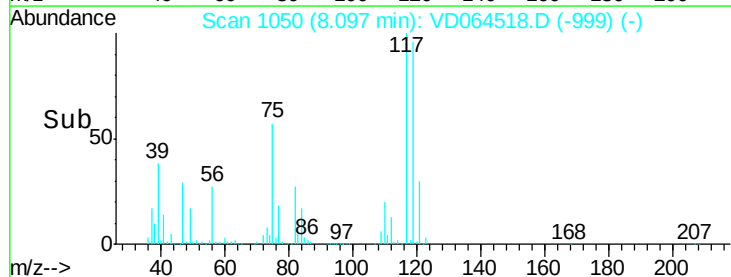
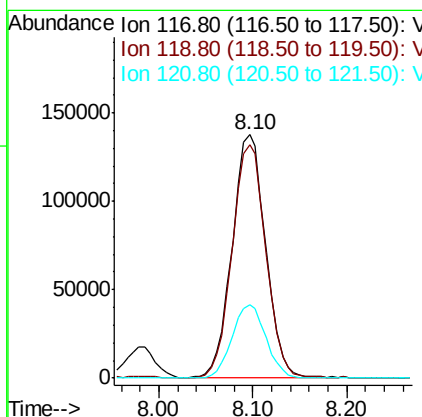
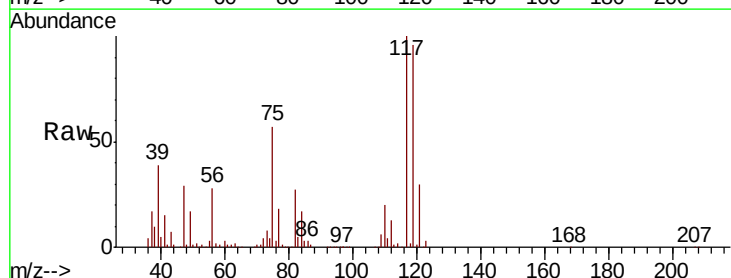
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

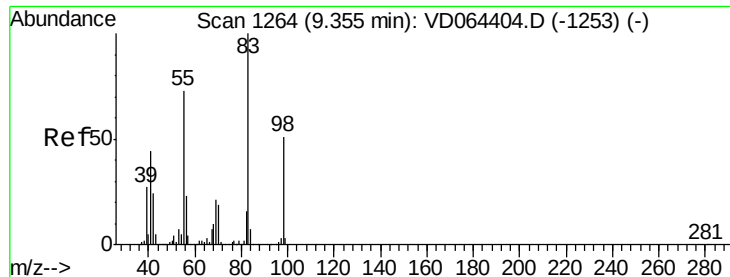
Tgt Ion: 43 Resp: 111395
Ion Ratio Lower Upper
43 100
61 14.5 10.9 16.3
70 10.7 8.3 12.5



#38
Carbon Tetrachloride
Concen: 55.808 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion: 117 Resp: 338758
Ion Ratio Lower Upper
117 100
119 96.1 78.8 118.2
121 30.0 24.2 36.2

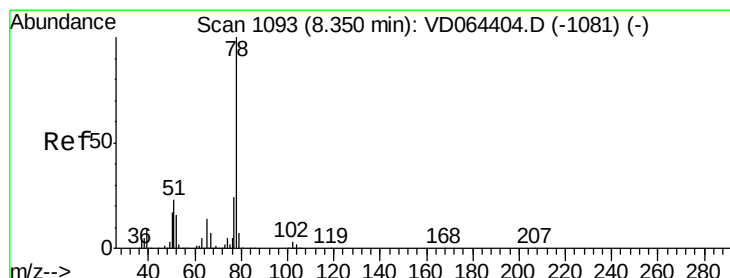
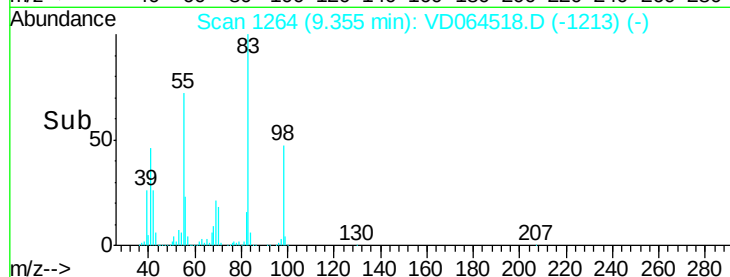
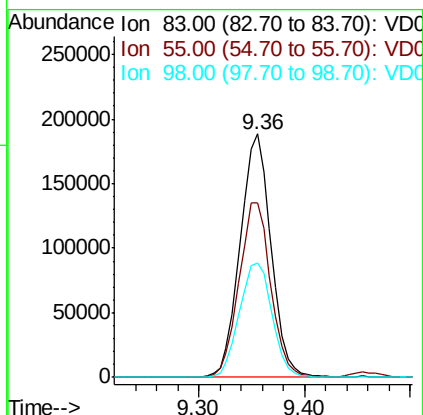
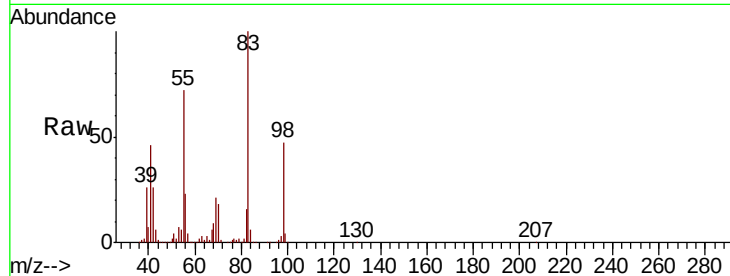




#39
Methylcyclohexane
Concen: 53.641 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

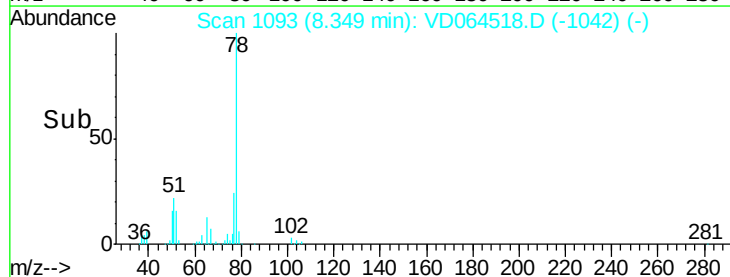
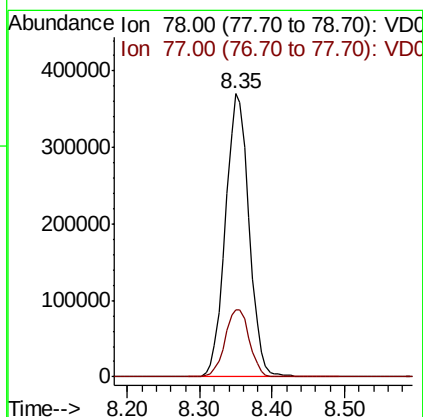
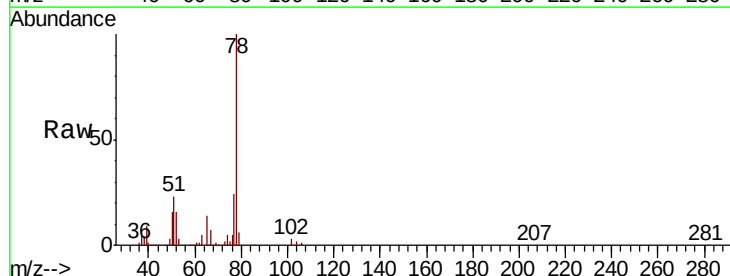
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

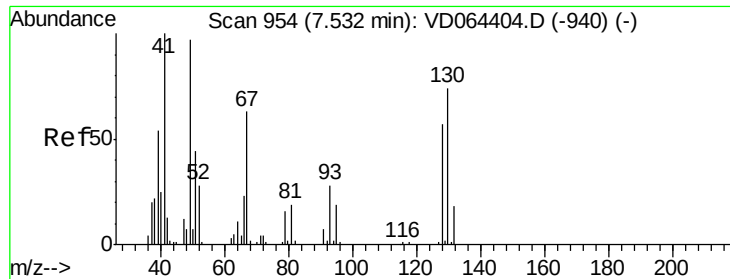
Tgt Ion: 83 Resp: 382688
Ion Ratio Lower Upper
83 100
55 71.8 58.6 87.8
98 47.2 40.9 61.3



#40
Benzene
Concen: 52.415 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion: 78 Resp: 837266
Ion Ratio Lower Upper
78 100
77 23.7 19.6 29.4

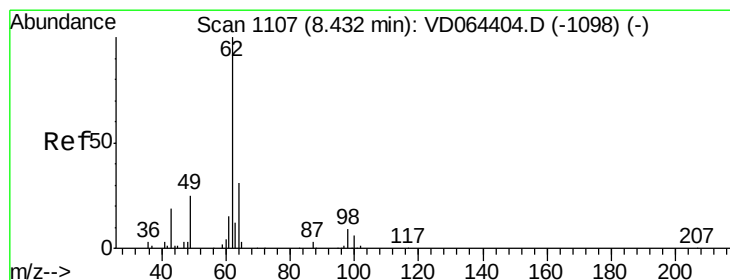
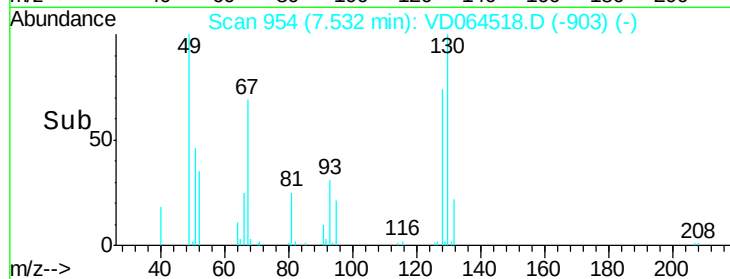
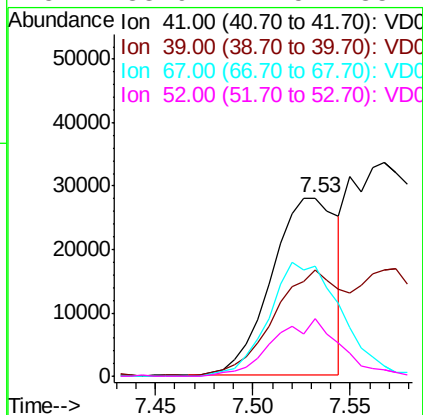
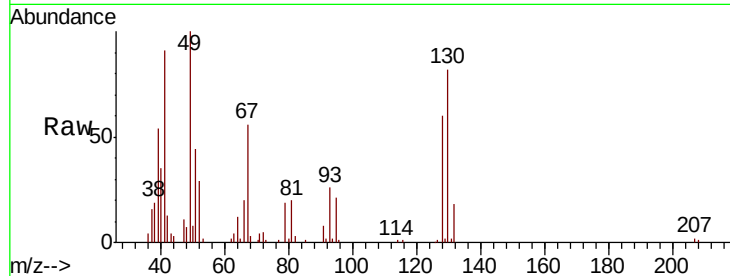




#41
Methacrylonitrile
Concen: 46.547 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

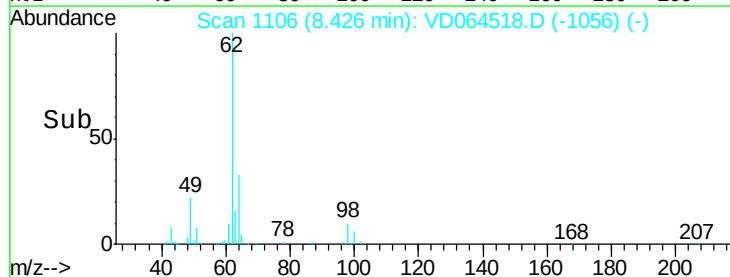
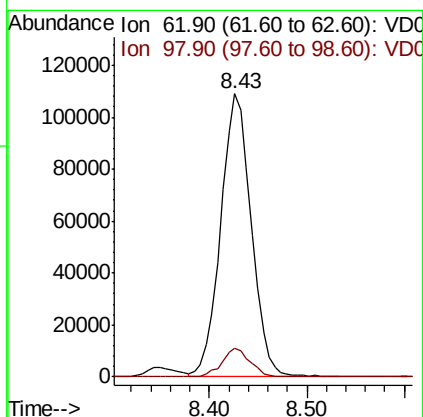
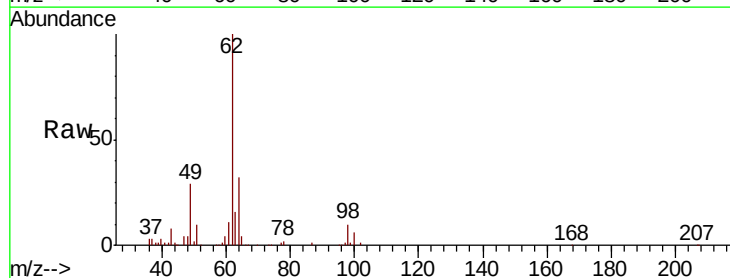
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

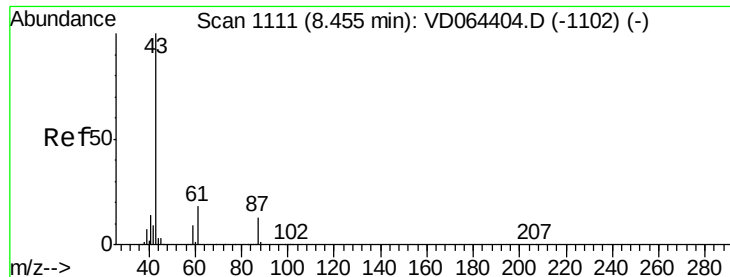
Tgt Ion:	41	Resp:	65144
Ion	Ratio	Lower	Upper
41	100		
39	64.8	44.6	67.0
67	71.3	50.9	76.3
52	33.9	22.5	33.7#



#42
1,2-Dichloroethane
Concen: 50.744 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion:	62	Resp:	236382
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.6





#43

Isopropyl Acetate

Concen: 46.743 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

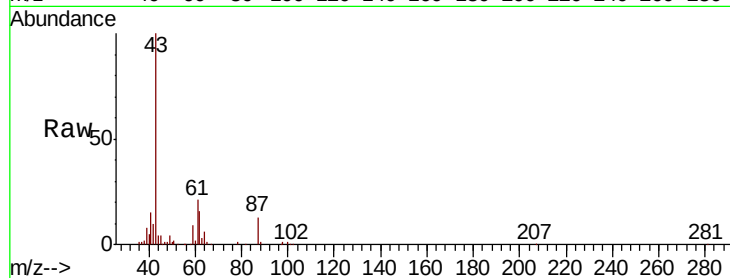
Tgt Ion: 43 Resp: 224288

Ion Ratio Lower Upper

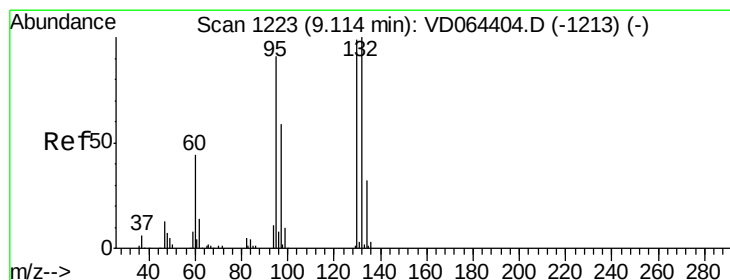
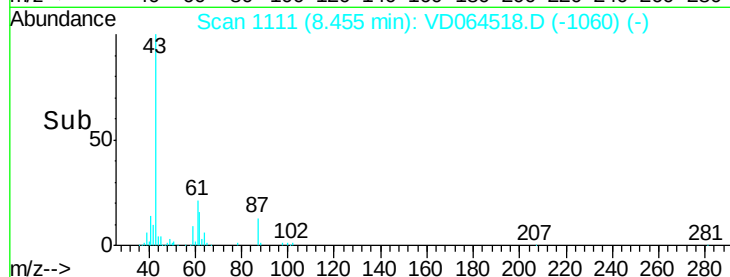
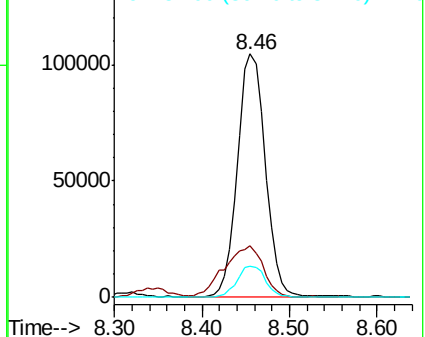
43 100

61 29.9 24.0 36.0

87 13.1 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 52.313 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD064518.D

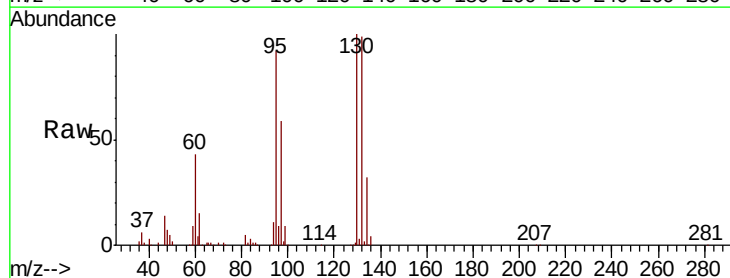
Acq: 16 Dec 2019 11:27

Tgt Ion: 130 Resp: 251716

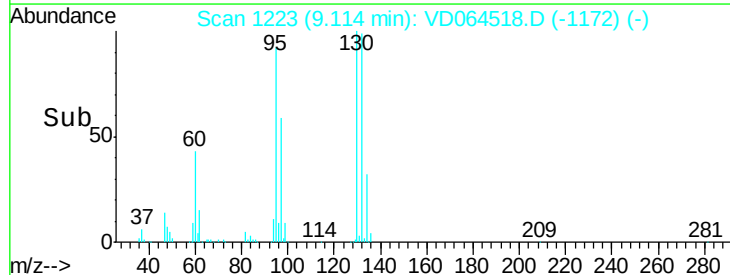
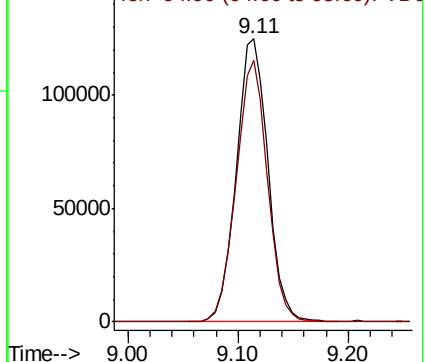
Ion Ratio Lower Upper

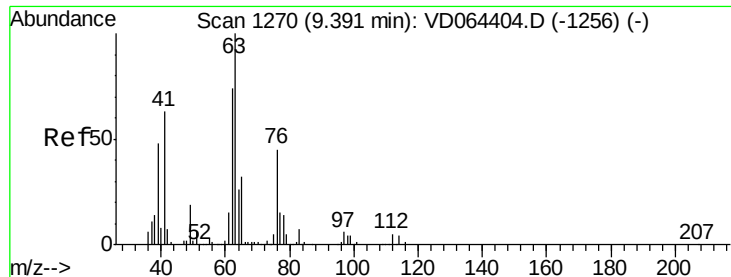
130 100

95 92.4 0.0 184.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 52.587 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

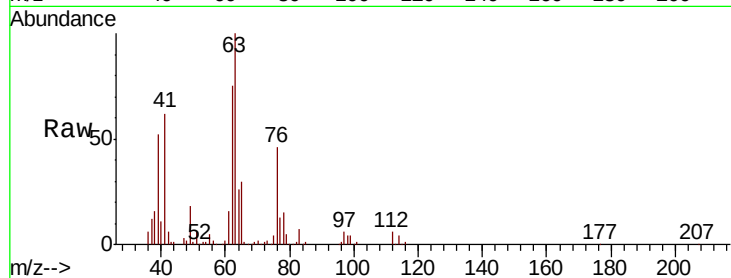
VSTDCCC050

Tgt Ion: 63 Resp: 200895

Ion Ratio Lower Upper

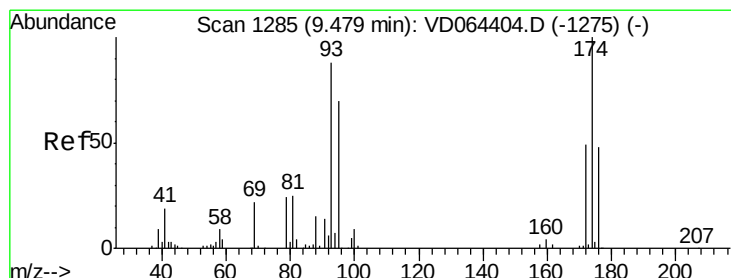
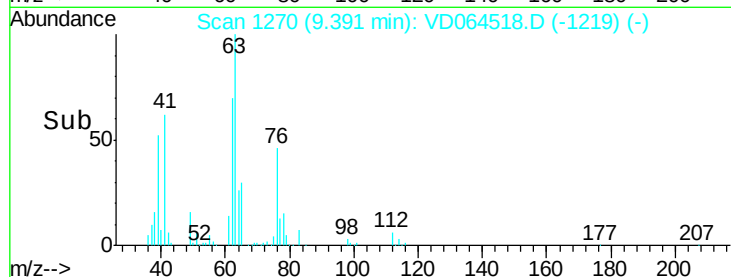
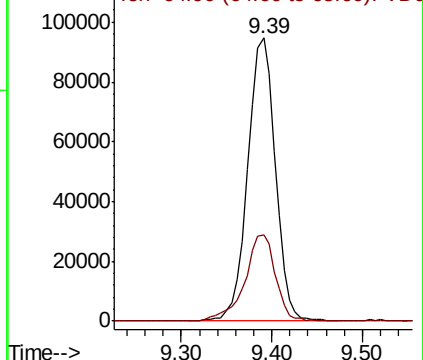
63 100

65 30.4 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 49.694 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

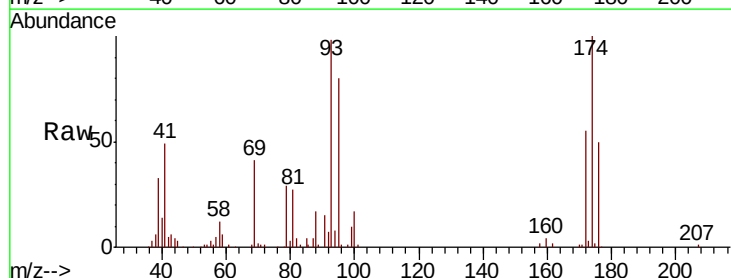
Tgt Ion: 93 Resp: 107148

Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

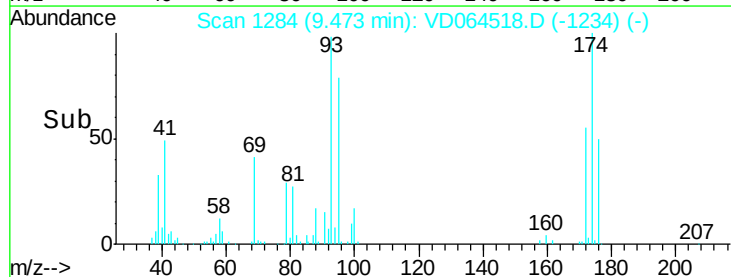
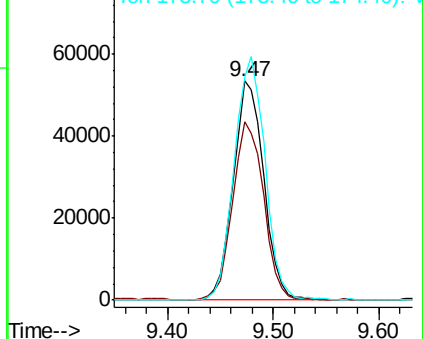
174 112.3 92.3 138.5

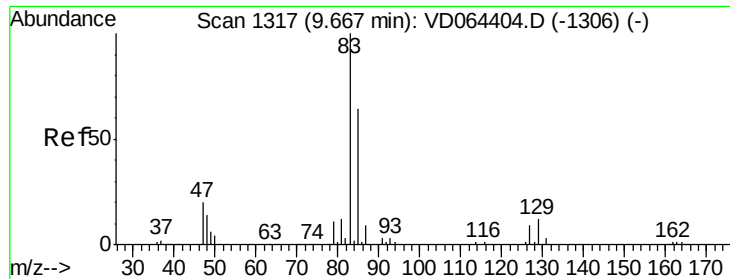


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 51.561 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

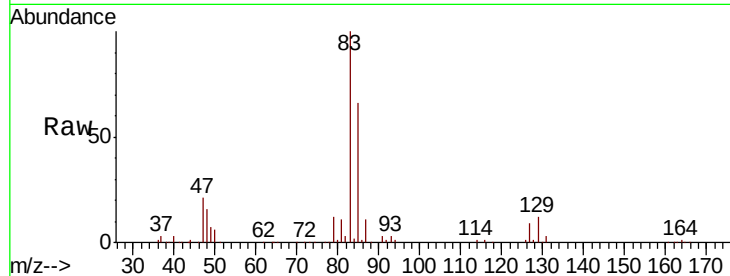
Tgt Ion: 83 Resp: 285655

Ion Ratio Lower Upper

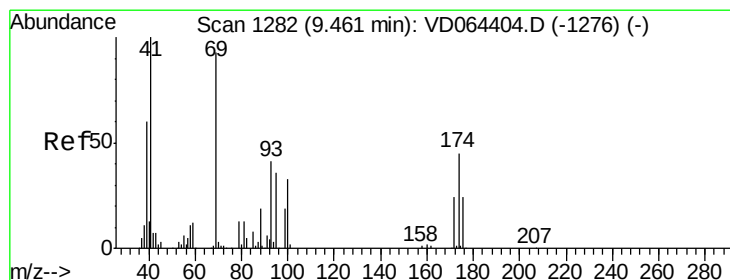
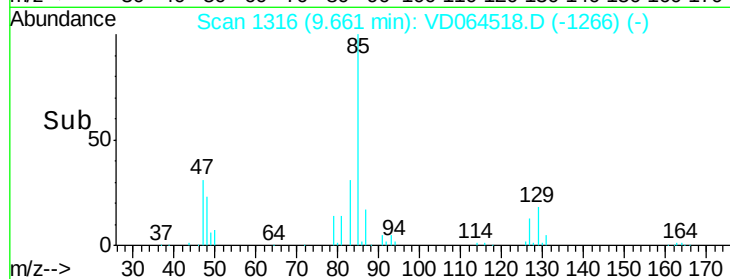
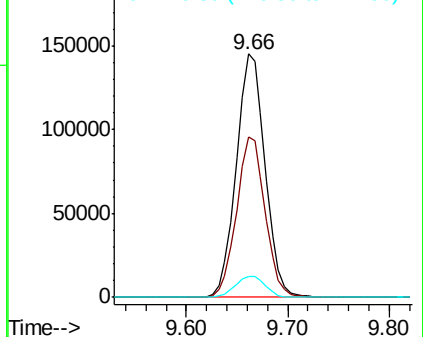
83 100

85 66.0 51.1 76.7

127 8.7 7.4 11.0



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



#48

Methyl methacrylate

Concen: 51.570 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

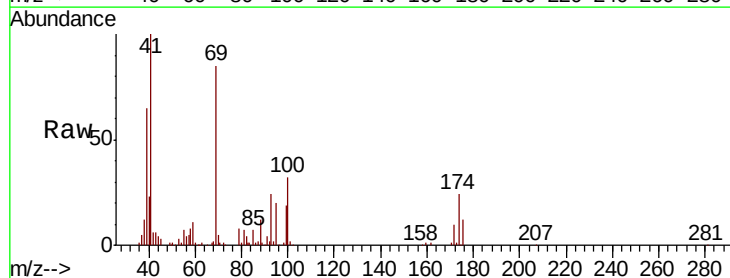
Tgt Ion: 41 Resp: 113229

Ion Ratio Lower Upper

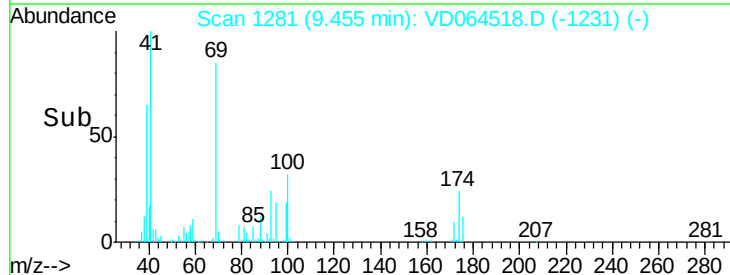
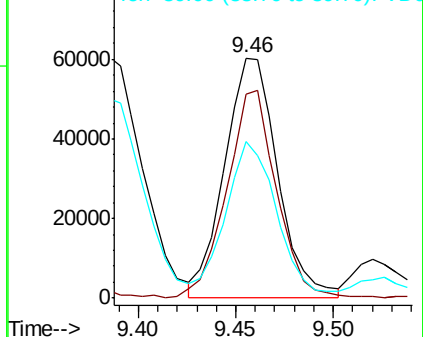
41 100

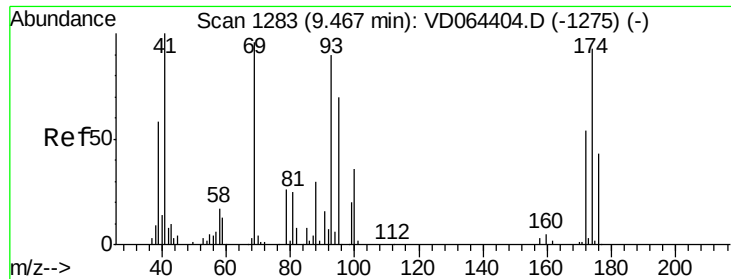
69 81.8 72.0 108.0

39 57.5 55.2 82.8



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





#49

1,4-Dioxane

Concen: 850.135 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

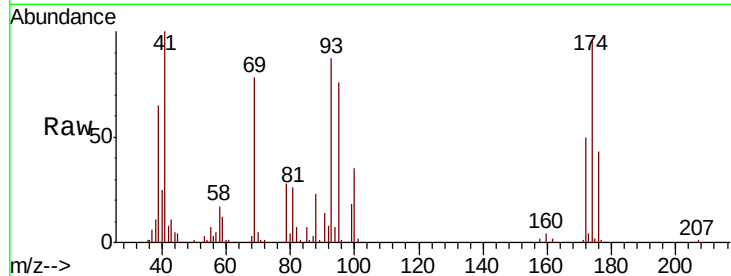
Tgt Ion: 88 Resp: 22635

Ion Ratio Lower Upper

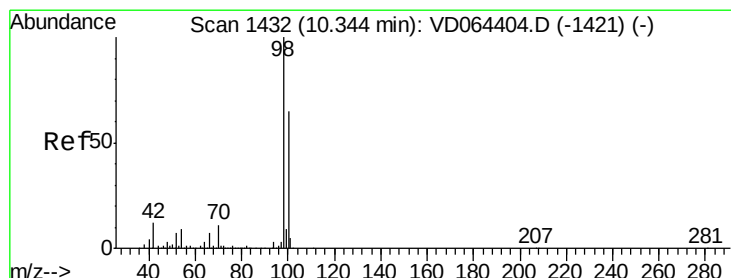
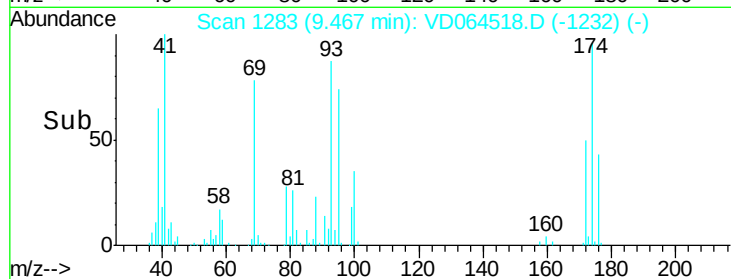
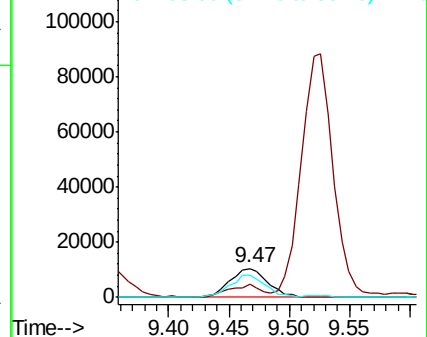
88 100

43 39.2 26.7 40.1

58 73.1 52.3 78.5



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



#50

Toluene-d8

Concen: 53.839 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064518.D

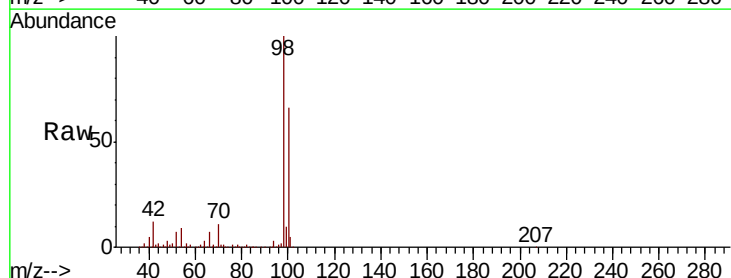
Acq: 16 Dec 2019 11:27

Tgt Ion: 98 Resp: 776942

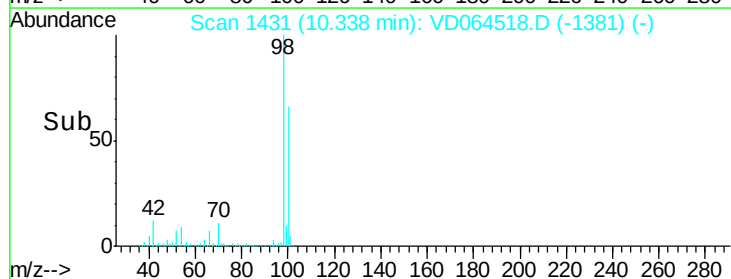
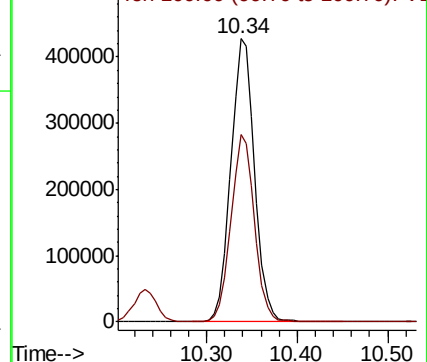
Ion Ratio Lower Upper

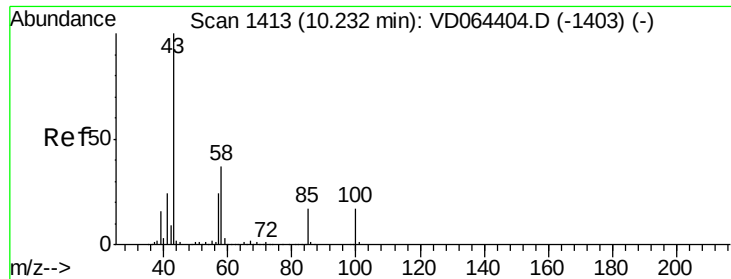
98 100

100 64.9 52.6 79.0



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





#51

4-Methyl-2-Pentanone

Concen: 230.185 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

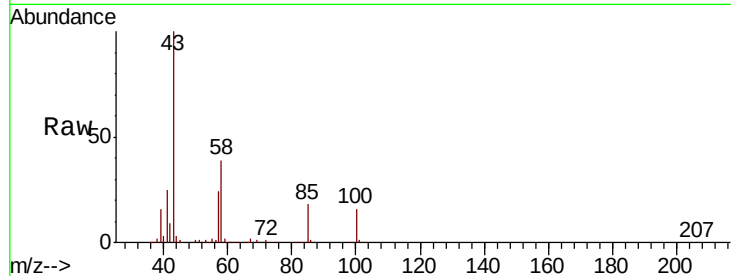
VSTDCCC050

Tgt Ion: 43 Resp: 546492

Ion Ratio Lower Upper

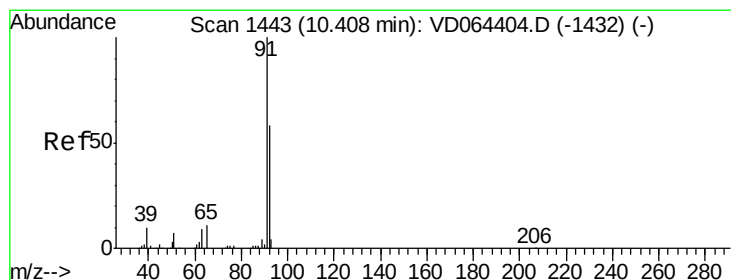
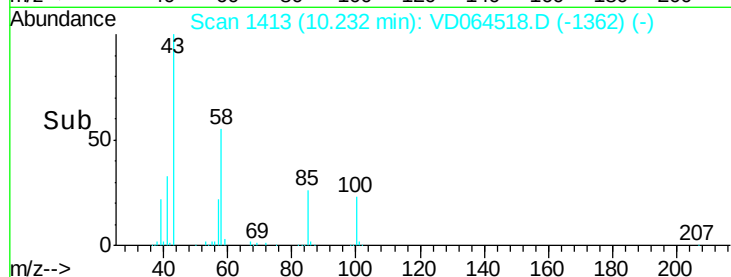
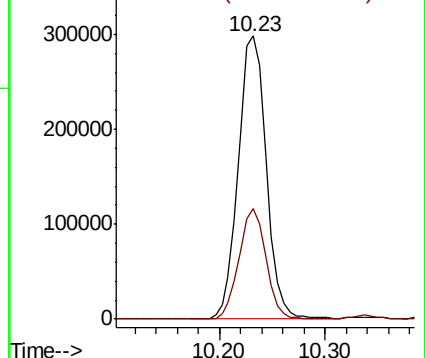
43 100

58 37.8 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 52.747 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD064518.D

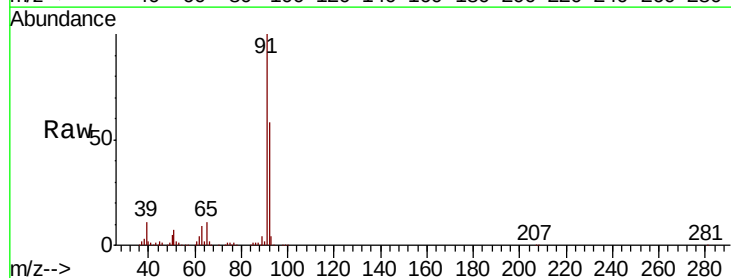
Acq: 16 Dec 2019 11:27

Tgt Ion: 92 Resp: 549111

Ion Ratio Lower Upper

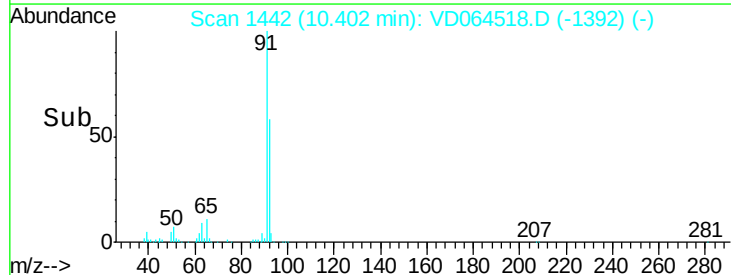
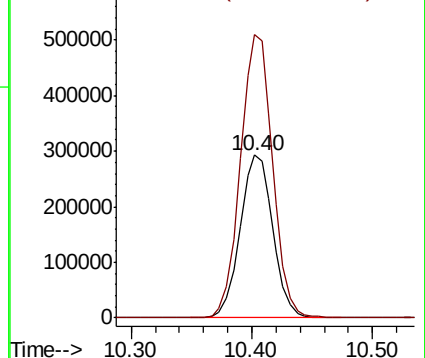
92 100

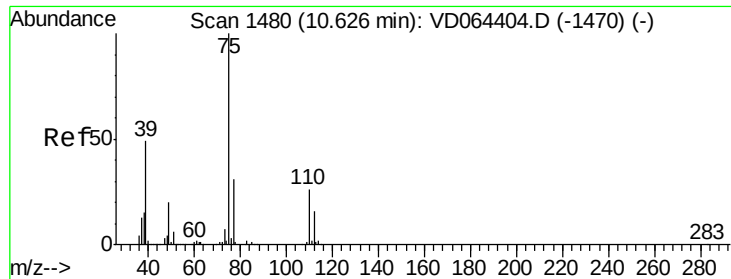
91 172.5 137.8 206.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 51.827 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

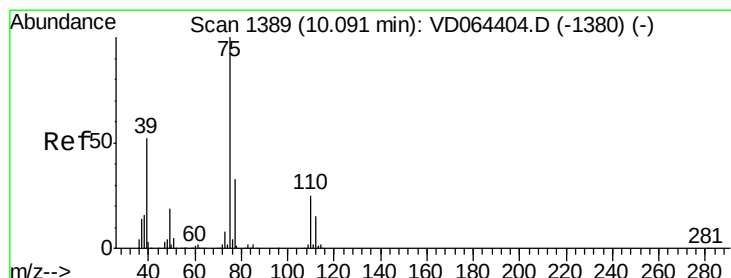
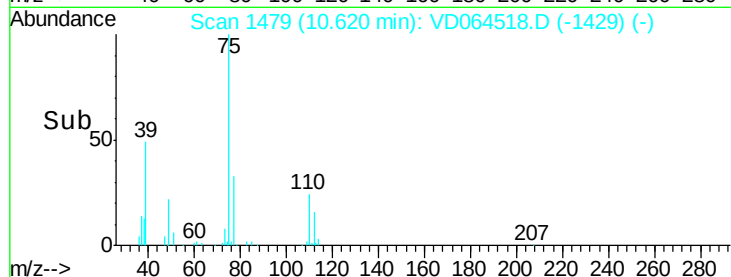
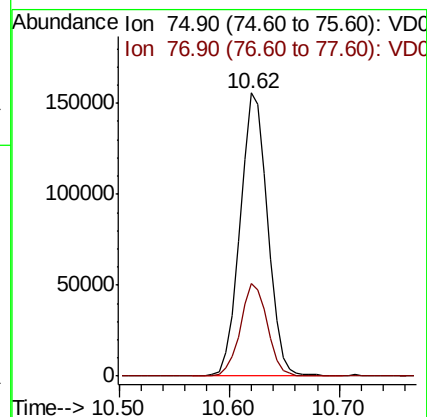
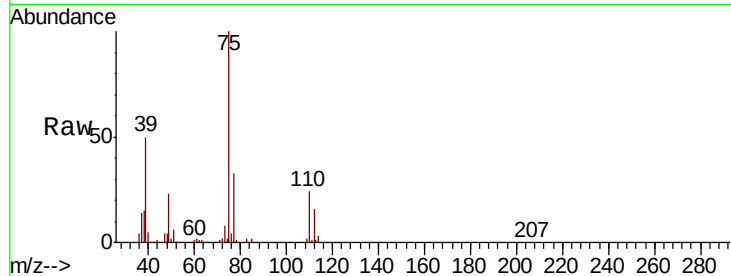
VSTDCCC050

Tgt Ion: 75 Resp: 273643

Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 52.199 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

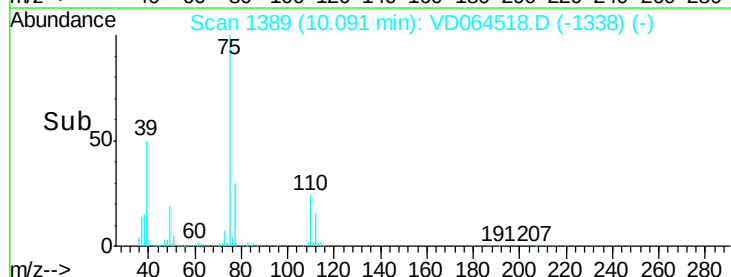
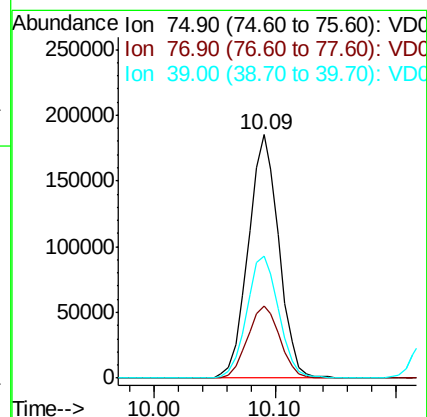
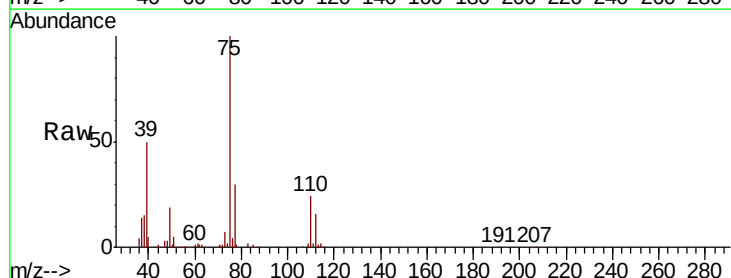
Tgt Ion: 75 Resp: 327417

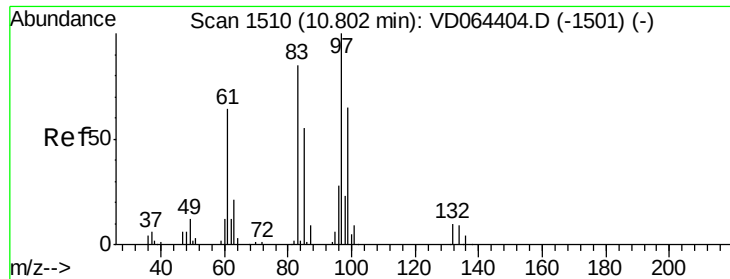
Ion Ratio Lower Upper

75 100

77 29.8 26.1 39.1

39 50.0 41.5 62.3





#55

1,1,2-Trichloroethane

Concen: 48.393 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 142873

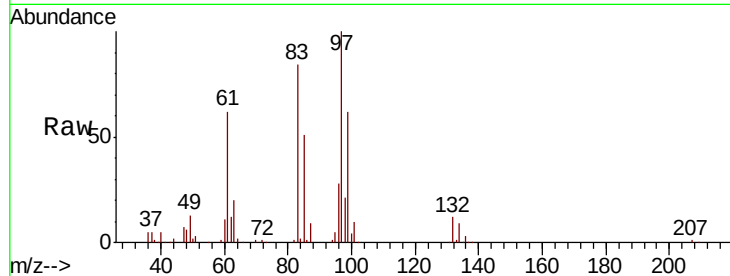
Ion Ratio Lower Upper

97 100

83 83.6 67.8 101.8

85 51.1 43.7 65.5

99 61.7 51.7 77.5

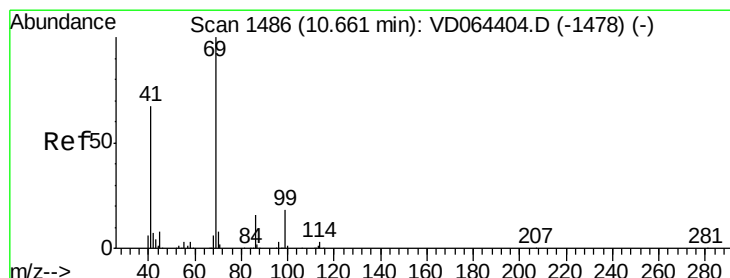
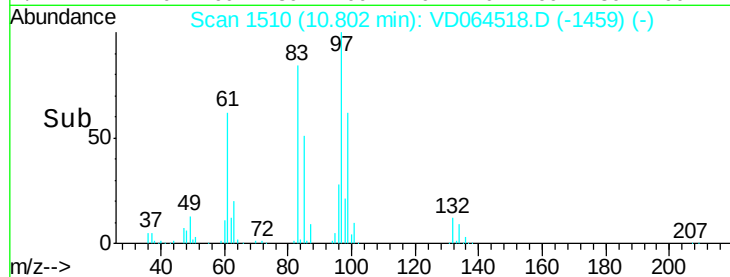
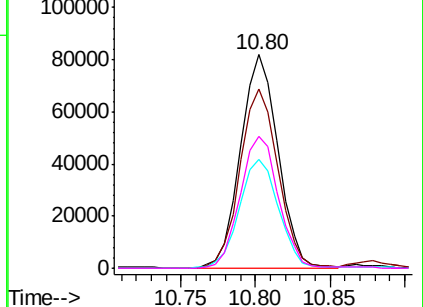


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 48.288 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

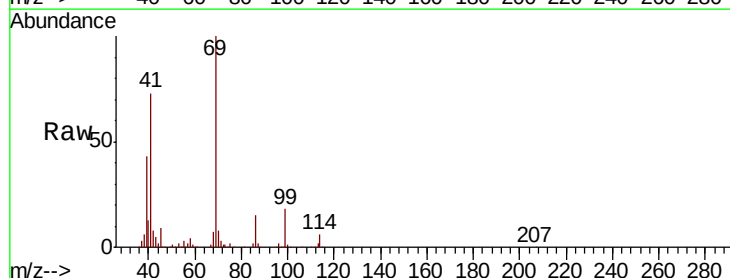
Tgt Ion: 69 Resp: 181831

Ion Ratio Lower Upper

69 100

41 68.9 55.0 82.4

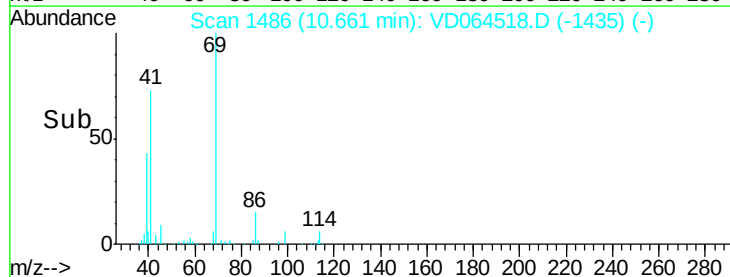
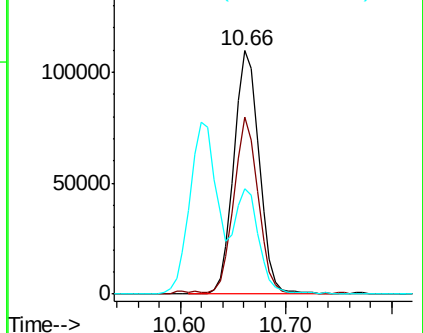
39 41.0 33.0 49.6

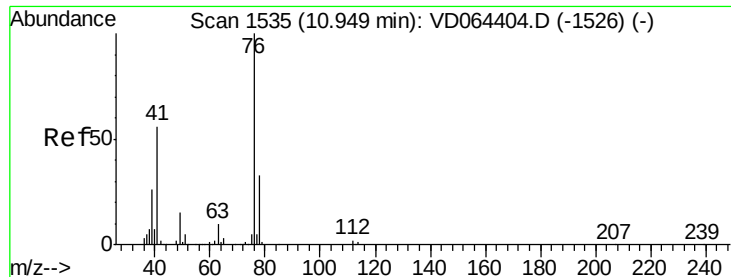


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

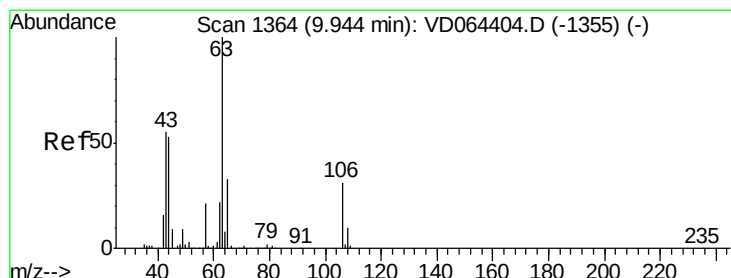
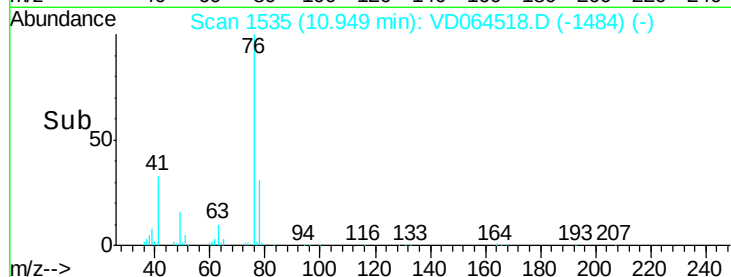
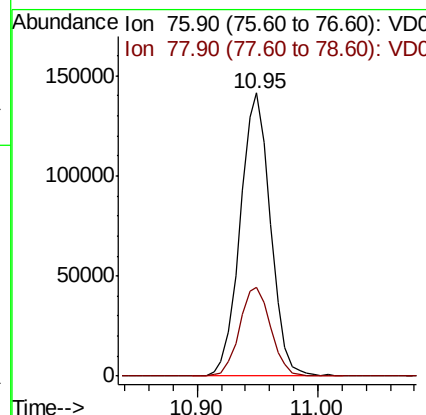
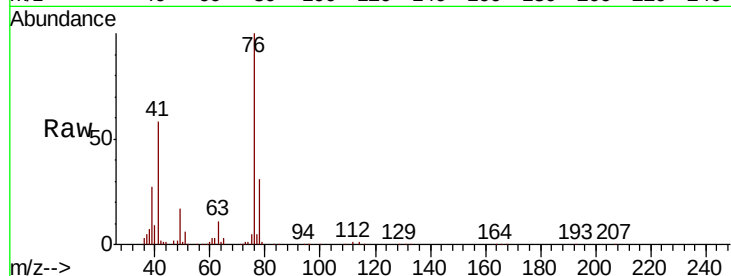




#57
 1,3-Dichloropropane
 Concen: 49.211 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

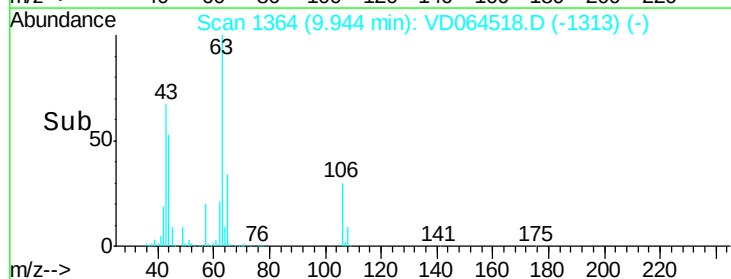
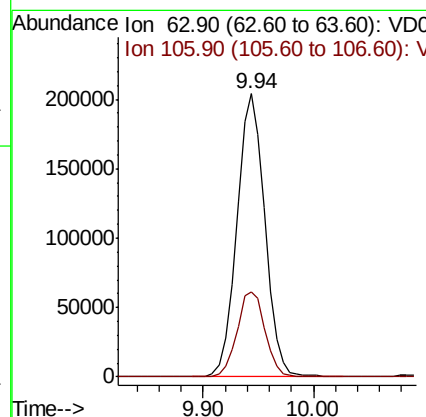
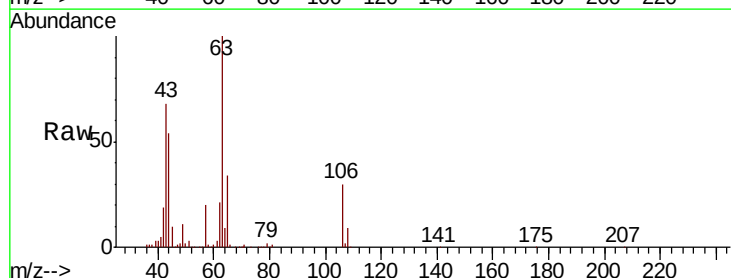
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

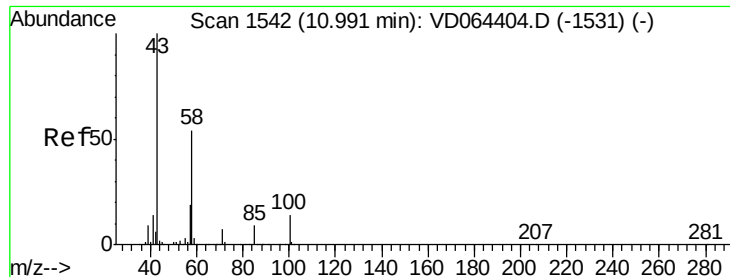
Tgt Ion: 76 Resp: 247324
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.334 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

Tgt Ion: 63 Resp: 362267
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.2 36.4

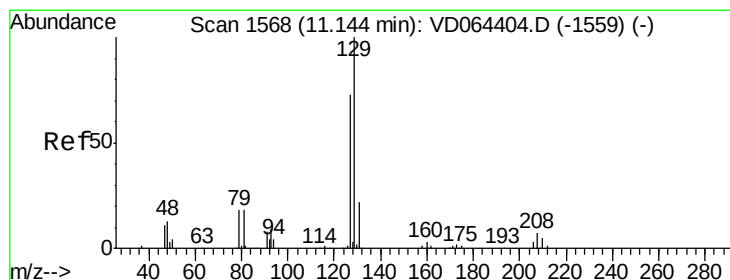
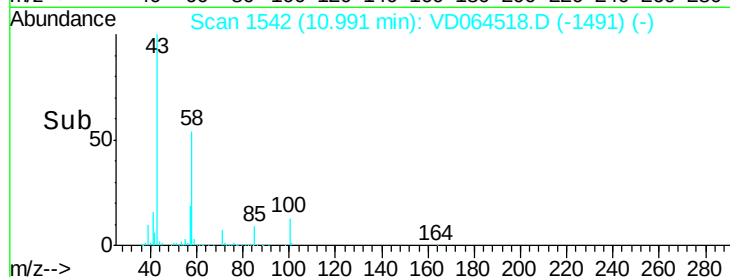
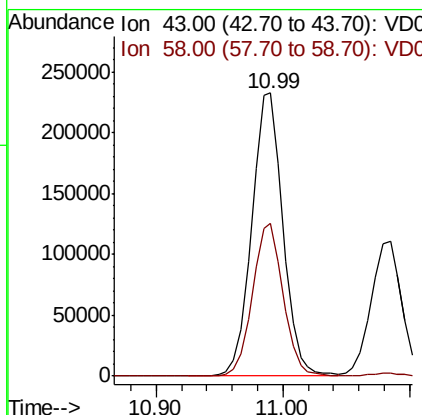
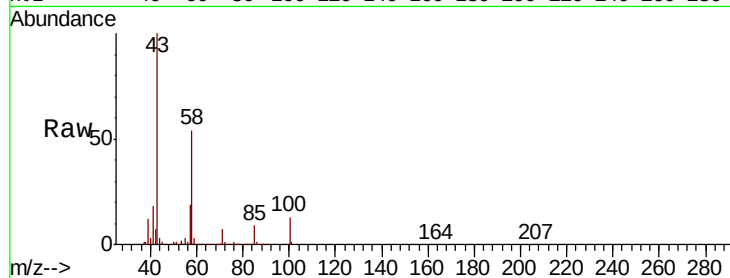




#59
2-Hexanone
Concen: 242.592 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

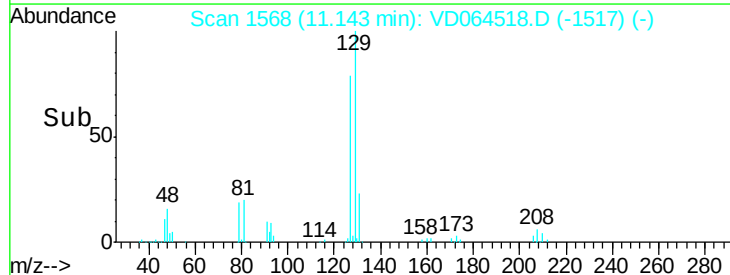
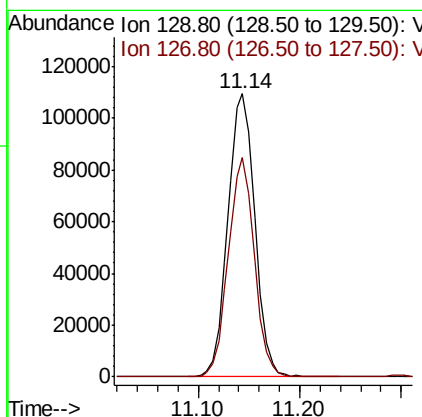
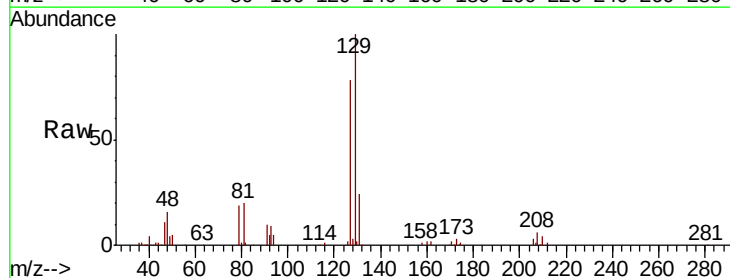
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

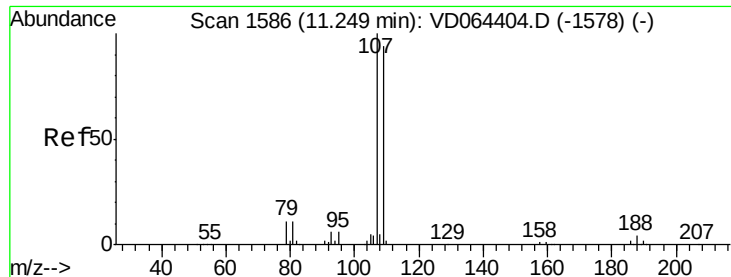
Tgt Ion: 43 Resp: 399644
Ion Ratio Lower Upper
43 100
58 52.8 26.3 78.8



#60
Dibromochloromethane
Concen: 50.574 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion: 129 Resp: 202448
Ion Ratio Lower Upper
129 100
127 74.9 38.1 114.3

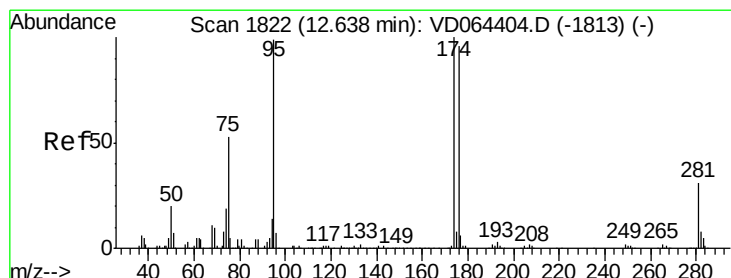
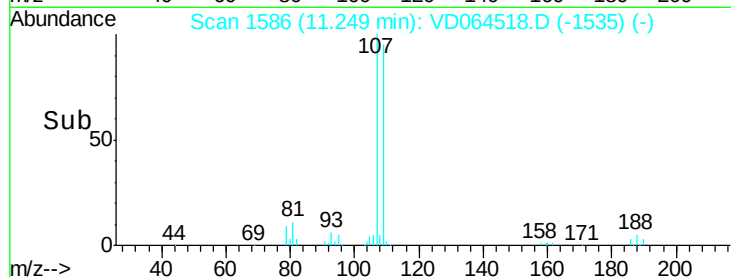
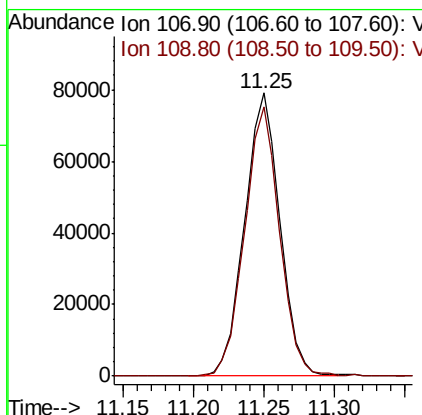
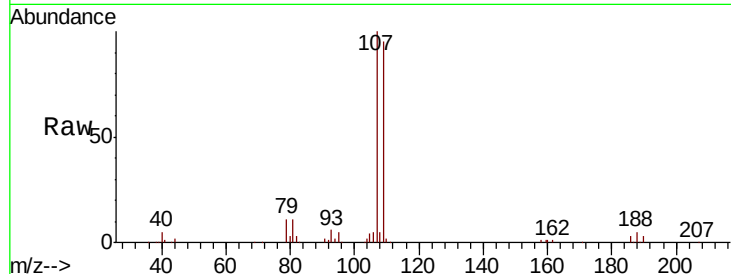




#61
 1,2-Dibromoethane
 Concen: 47.061 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

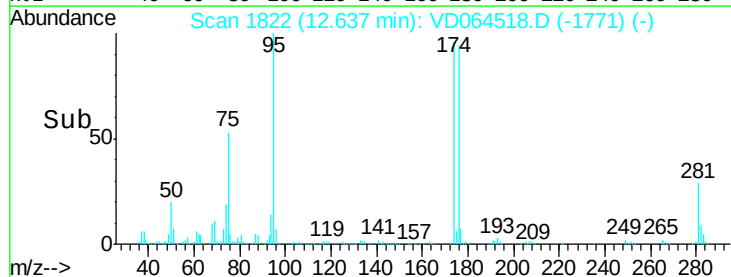
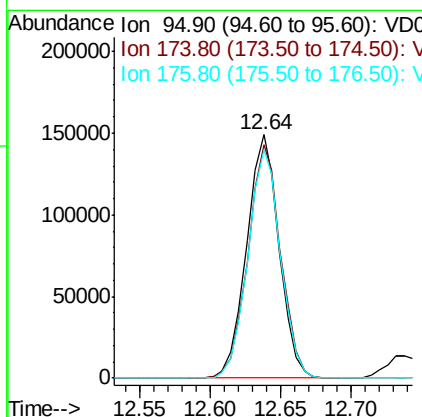
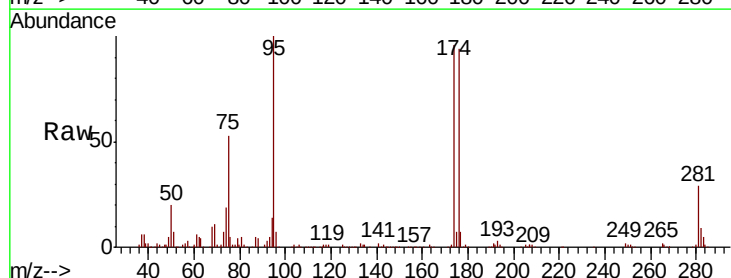
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

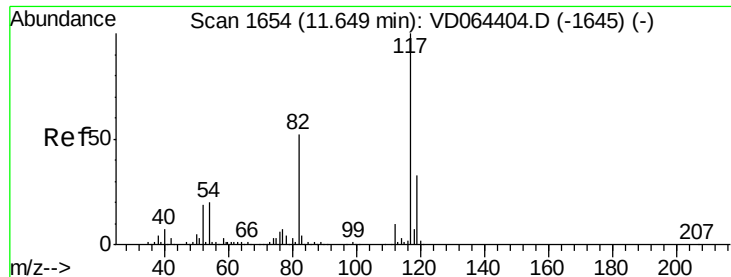
Tgt Ion: 107 Resp: 138728
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 51.785 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

Tgt Ion: 95 Resp: 240166
 Ion Ratio Lower Upper
 95 100
 174 96.6 0.0 197.2
 176 94.5 0.0 189.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

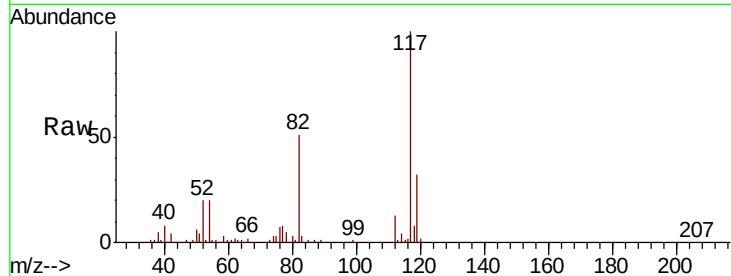
Tgt Ion:117 Resp: 526177

Ion Ratio Lower Upper

117 100

82 51.5 41.4 62.2

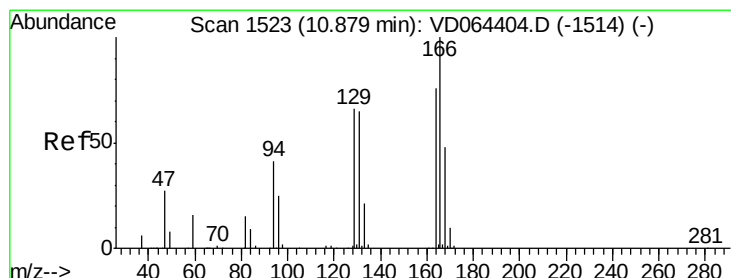
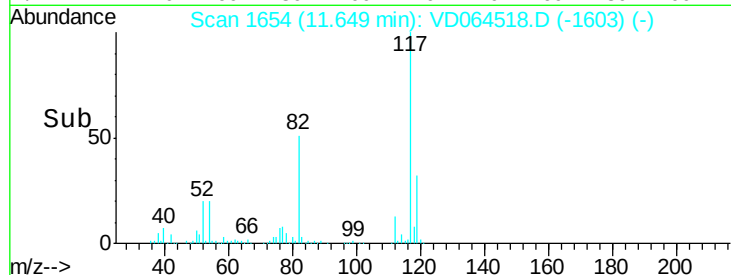
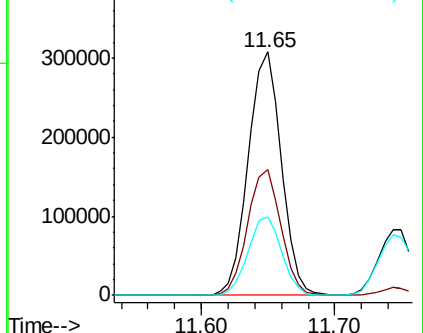
119 32.2 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 52.663 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Tgt Ion:164 Resp: 211311

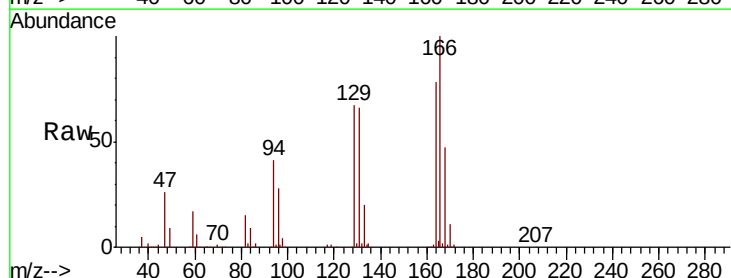
Ion Ratio Lower Upper

164 100

166 128.1 104.8 157.2

129 86.0 68.7 103.1

131 84.2 67.9 101.9

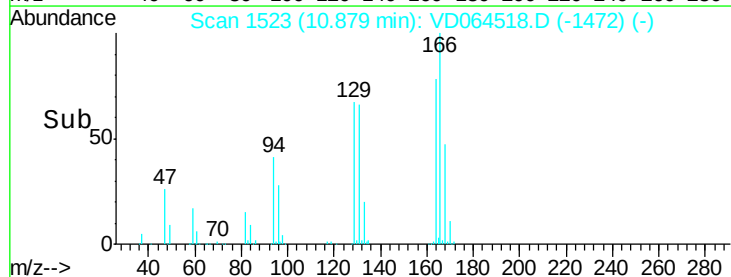
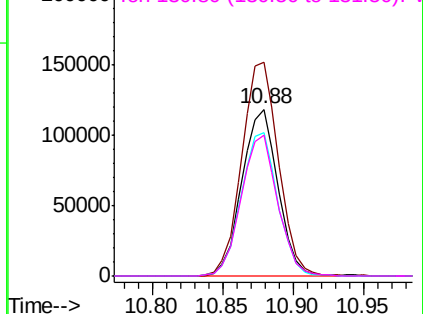


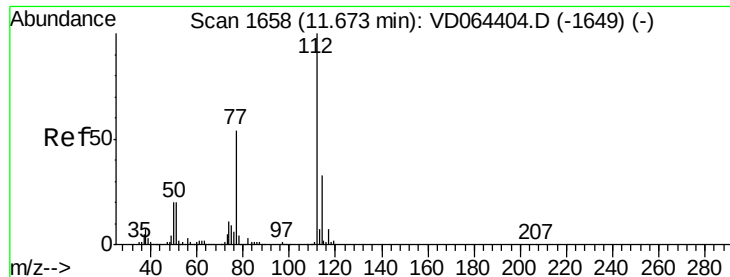
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

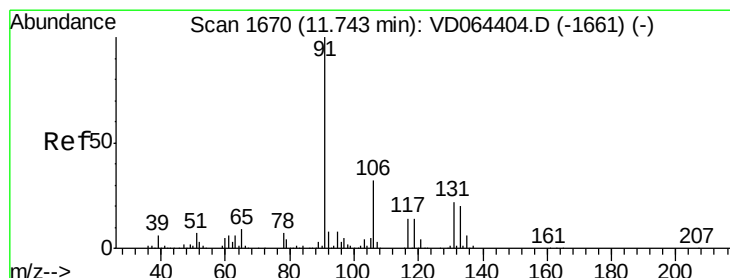
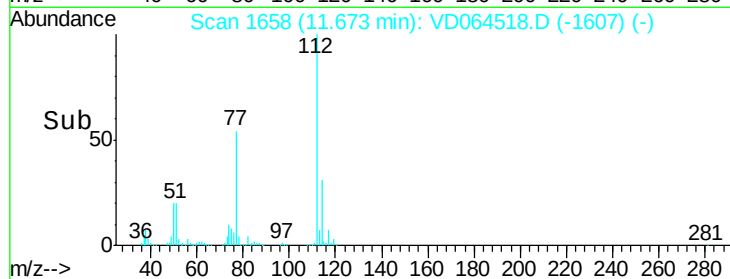
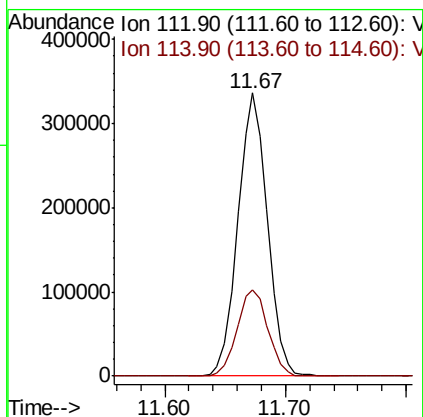
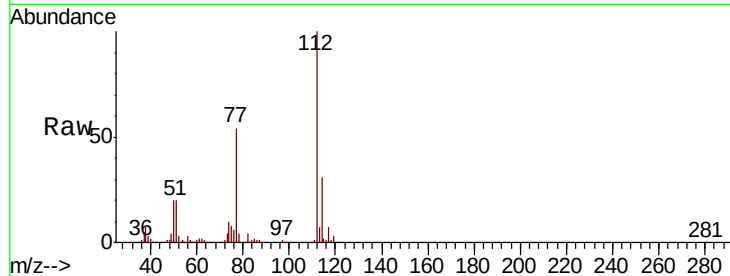




#65
Chlorobenzene
Concen: 52.076 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

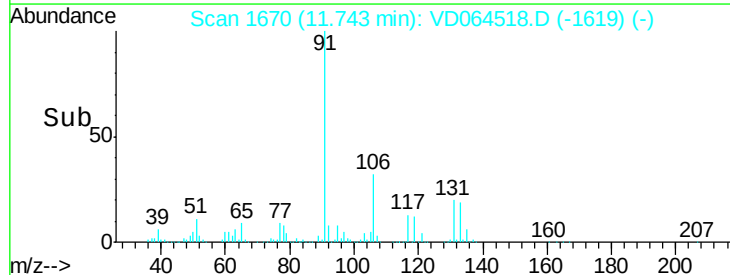
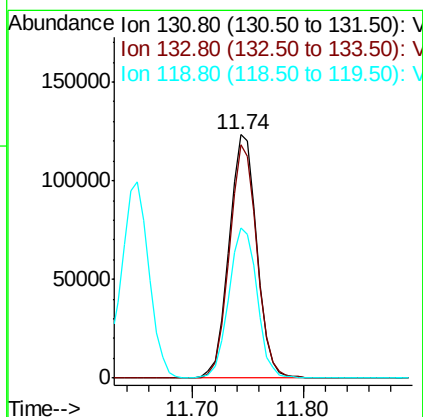
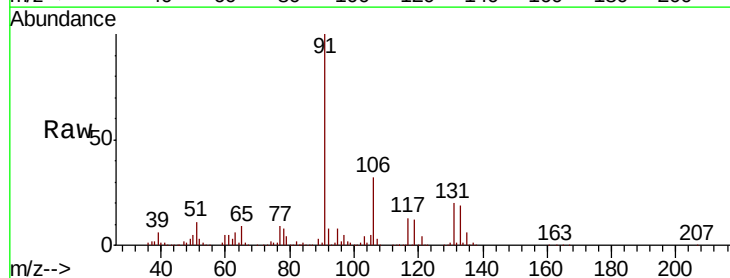
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

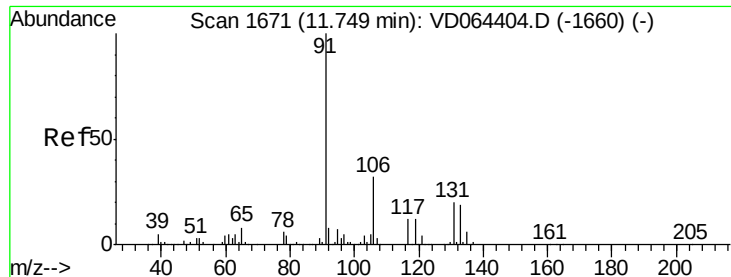
Tgt Ion:112 Resp: 571499
Ion Ratio Lower Upper
112 100
114 30.7 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.645 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion:131 Resp: 217935
Ion Ratio Lower Upper
131 100
133 94.8 48.3 144.9
119 62.6 31.9 95.9





#67

Ethyl Benzene

Concen: 53.947 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

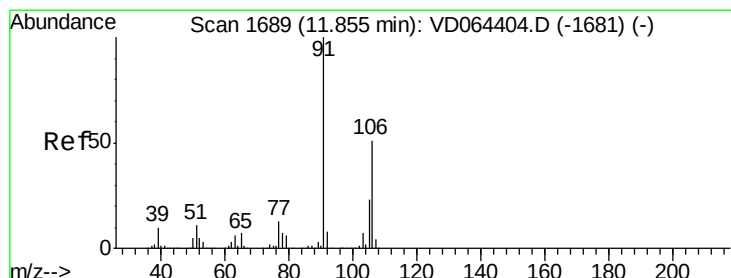
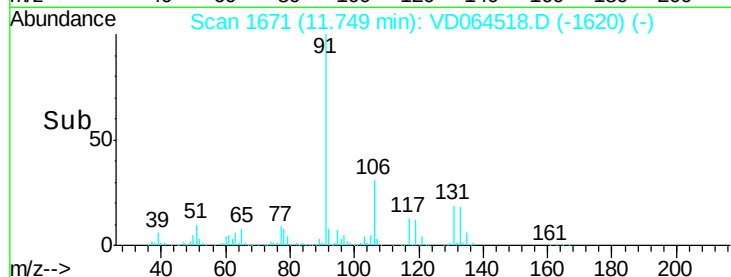
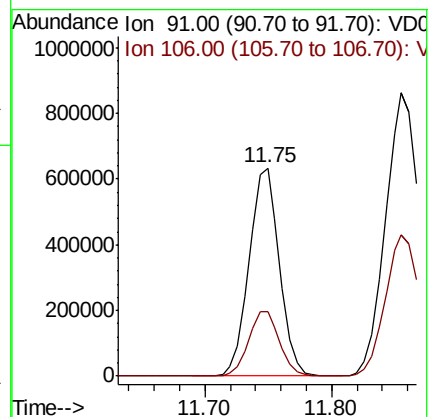
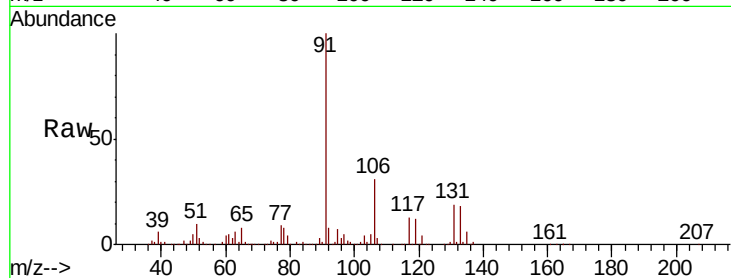
VSTDCCC050

Tgt Ion: 91 Resp: 1053353

Ion Ratio Lower Upper

91 100

106 31.0 25.8 38.8



#68

m/p-Xylenes

Concen: 109.335 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064518.D

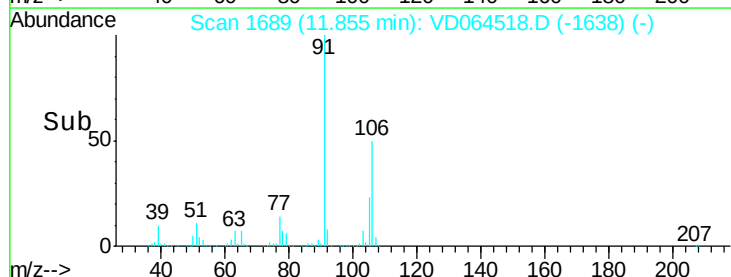
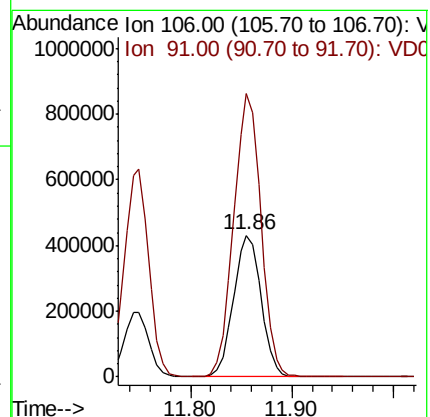
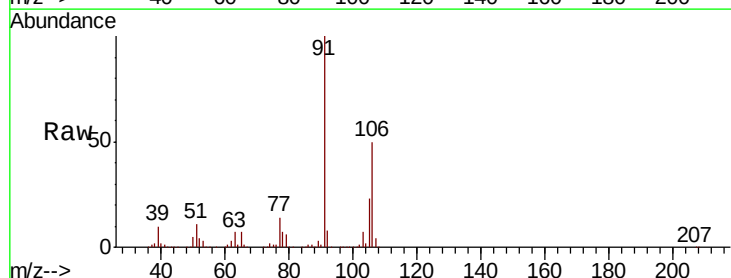
Acq: 16 Dec 2019 11:27

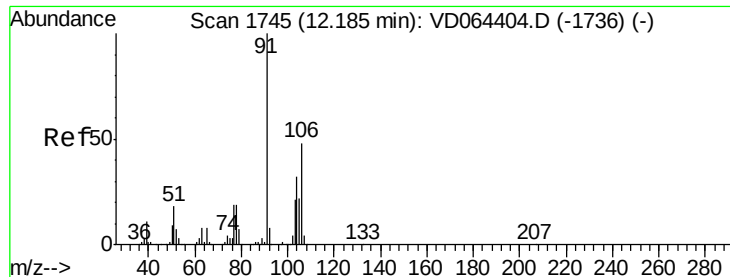
Tgt Ion: 106 Resp: 814004

Ion Ratio Lower Upper

106 100

91 198.1 157.4 236.2

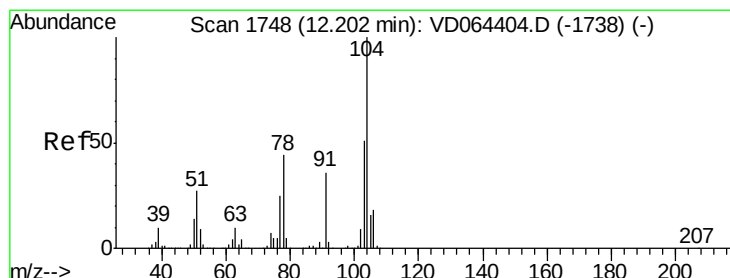
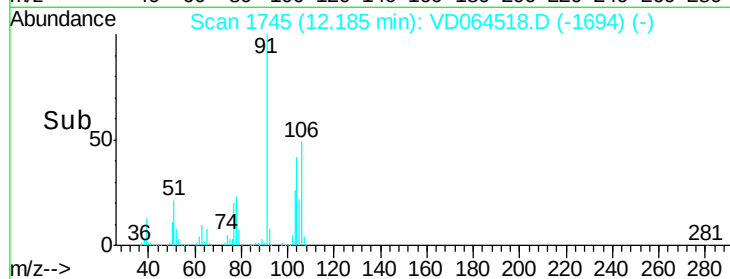
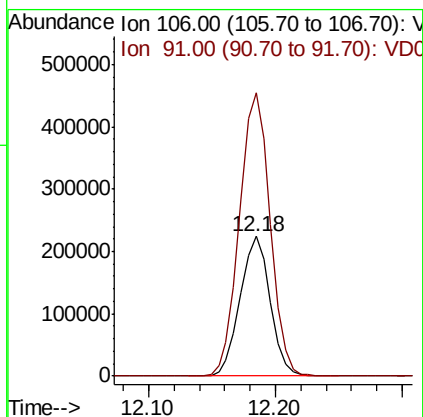
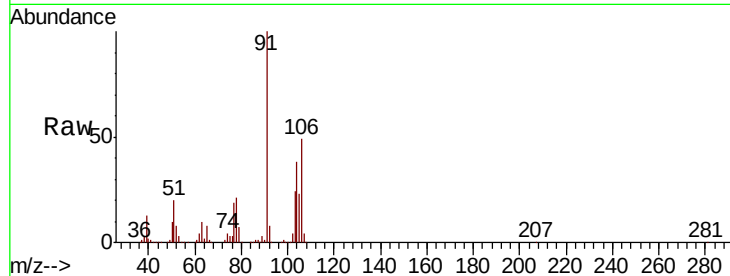




#69
o-Xylene
Concen: 53.427 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

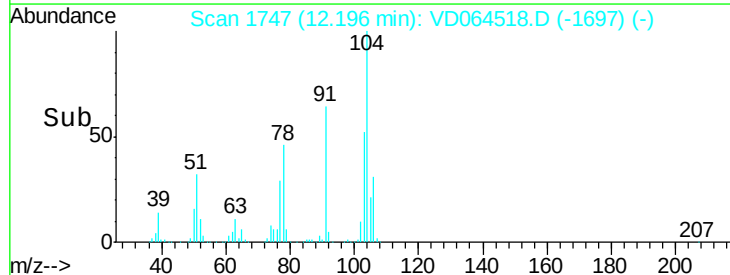
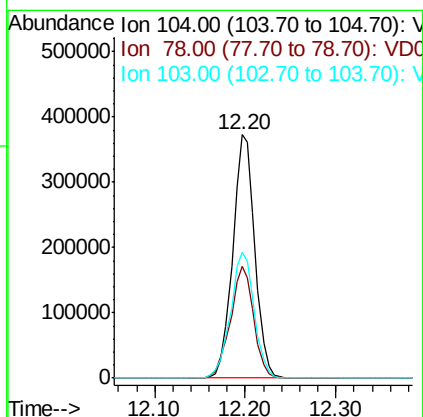
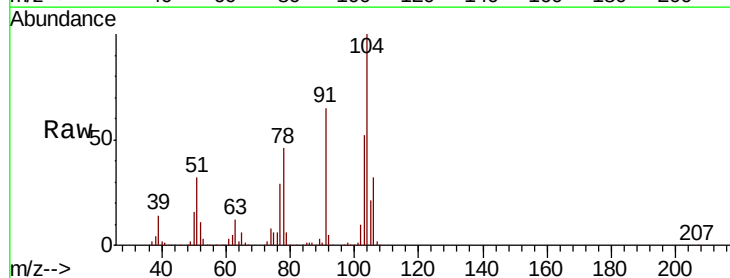
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

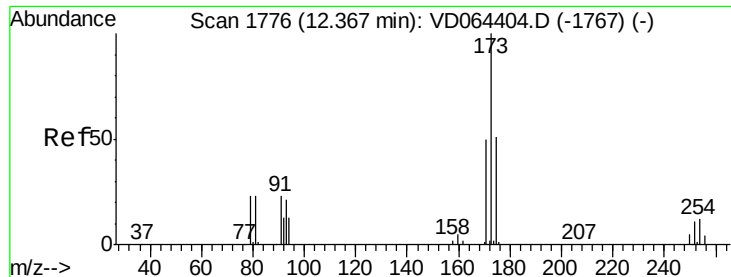
Tgt Ion:106 Resp: 367356
Ion Ratio Lower Upper
106 100
91 207.8 103.8 311.4



#70
Styrene
Concen: 52.887 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion:104 Resp: 631926
Ion Ratio Lower Upper
104 100
78 48.3 38.8 58.2
103 55.5 44.2 66.4

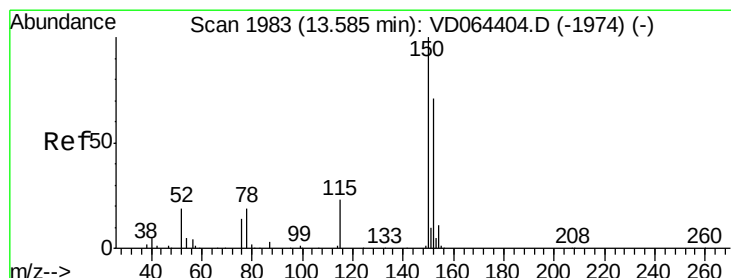
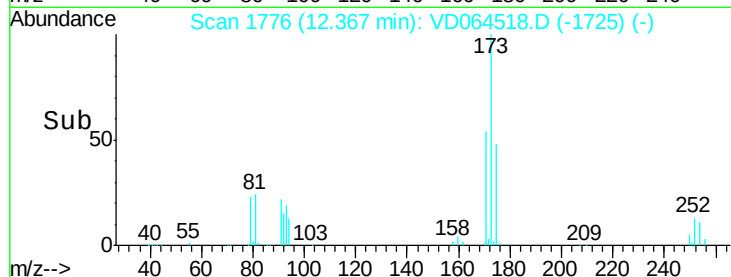
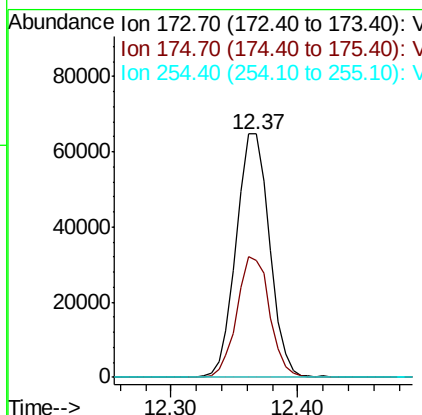
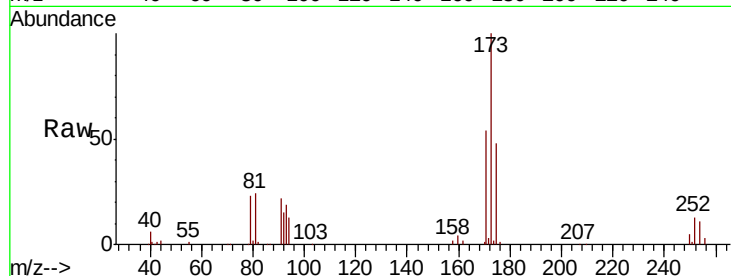




#71
Bromoform
Concen: 48.654 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

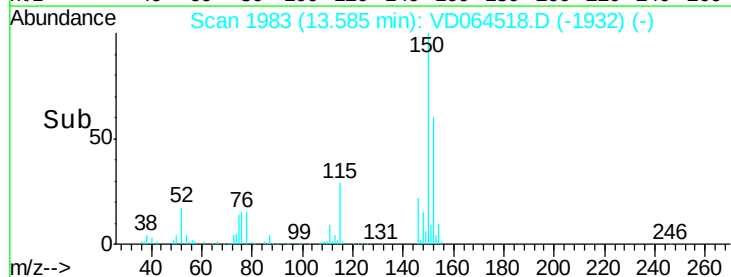
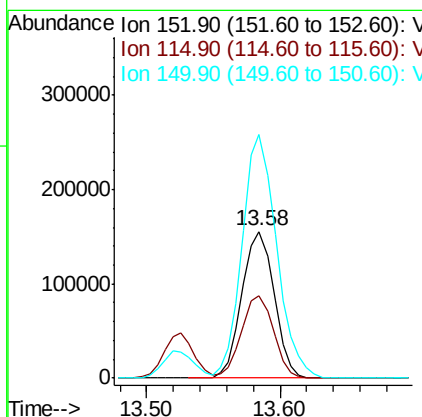
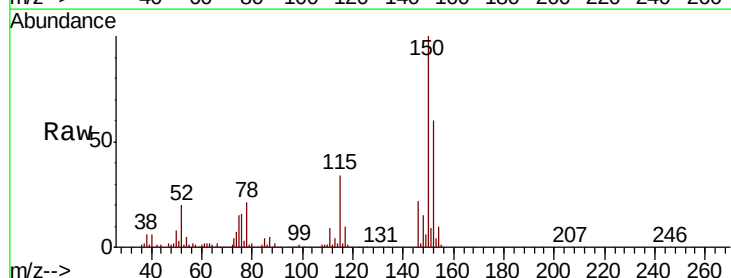
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

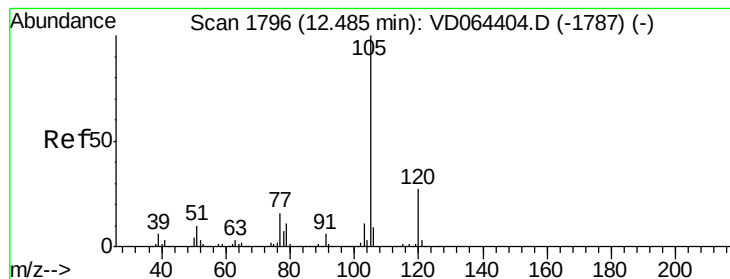
Tgt Ion:173 Resp: 118256
Ion Ratio Lower Upper
173 100
175 48.8 25.3 75.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion:152 Resp: 259426
Ion Ratio Lower Upper
152 100
115 56.1 26.7 80.1
150 178.0 0.0 347.2





#73

Isopropylbenzene

Concen: 54.541 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

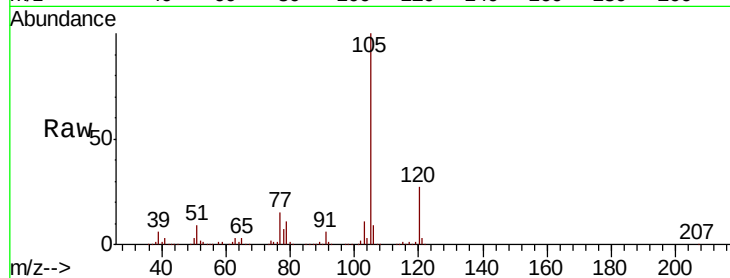
VSTDCCC050

Tgt Ion:105 Resp: 1017633

Ion Ratio Lower Upper

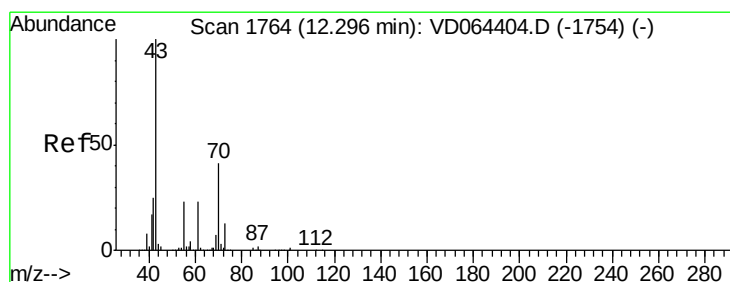
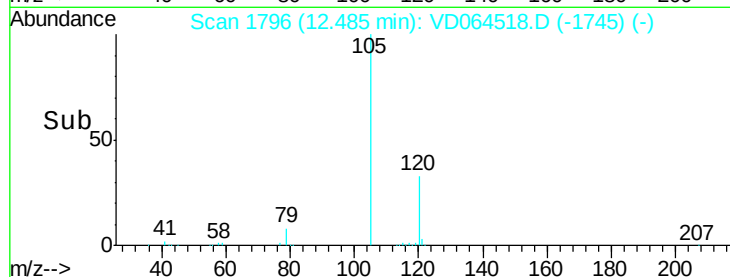
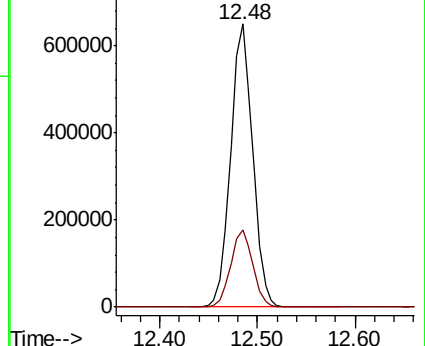
105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.155 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Tgt Ion: 43 Resp: 203921

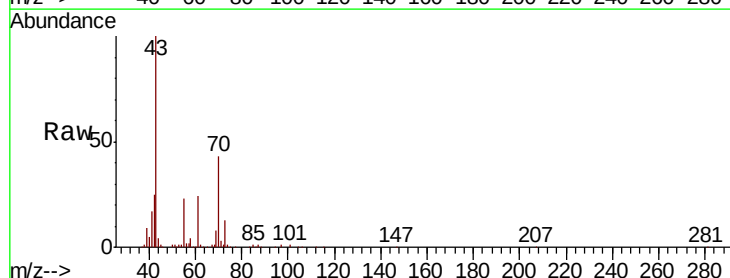
Ion Ratio Lower Upper

43 100

70 41.7 33.4 50.2

55 23.7 18.9 28.3

61 23.6 18.5 27.7

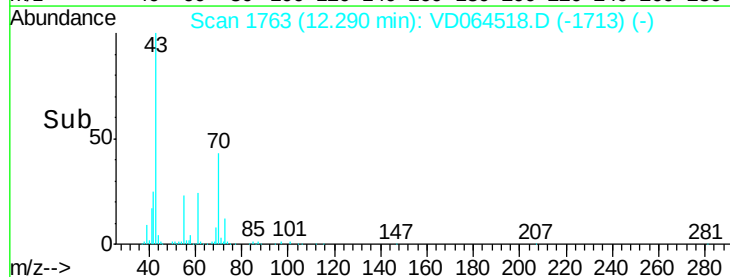
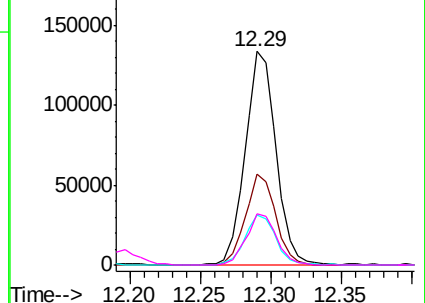


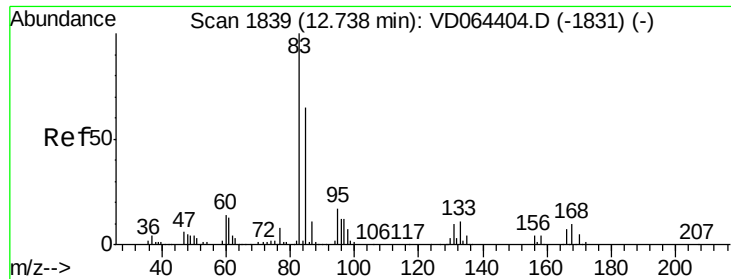
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.608 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

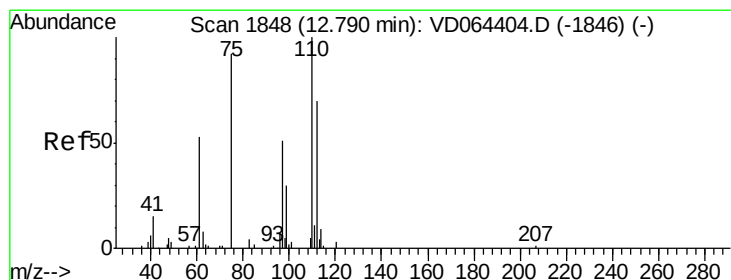
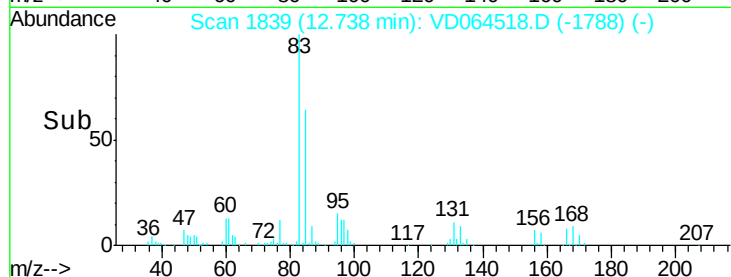
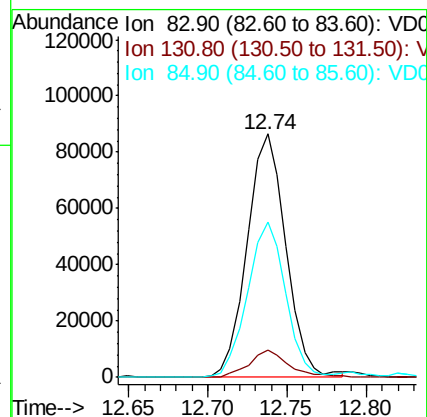
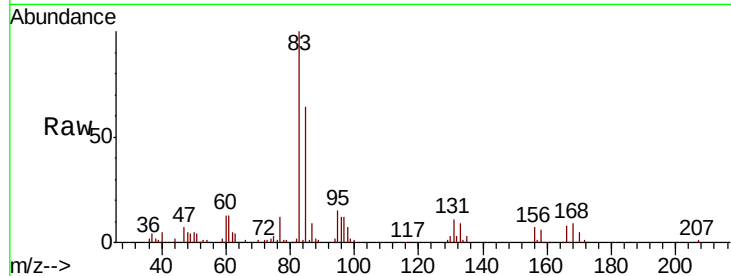
Tgt Ion: 83 Resp: 146895

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.0

85 62.9 31.3 93.9



#76

1,2,3-Trichloropropane

Concen: 92.858 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD064518.D

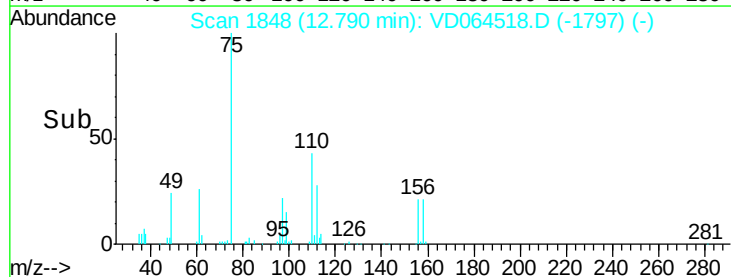
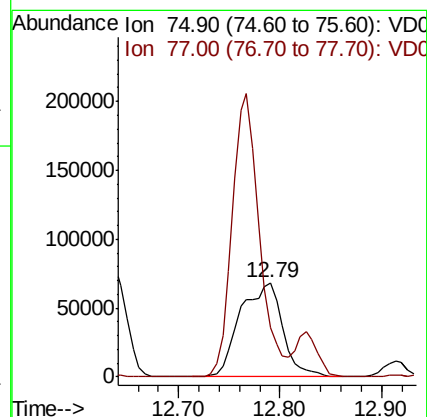
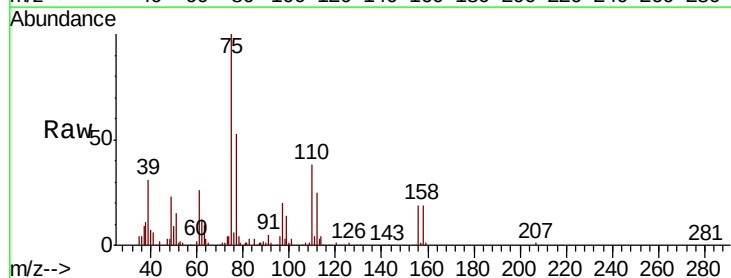
Acq: 16 Dec 2019 11:27

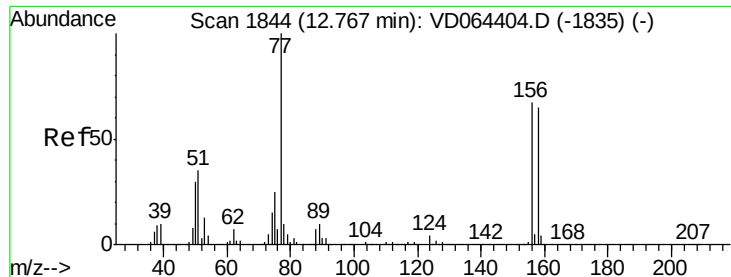
Tgt Ion: 75 Resp: 198106

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.638 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

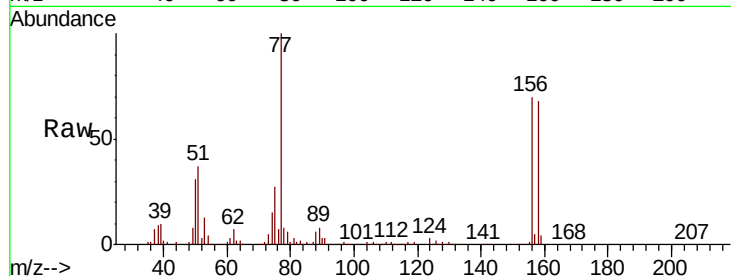
Tgt Ion:156 Resp: 242535

Ion Ratio Lower Upper

156 100

77 158.8 80.0 240.2

158 97.0 48.9 146.6



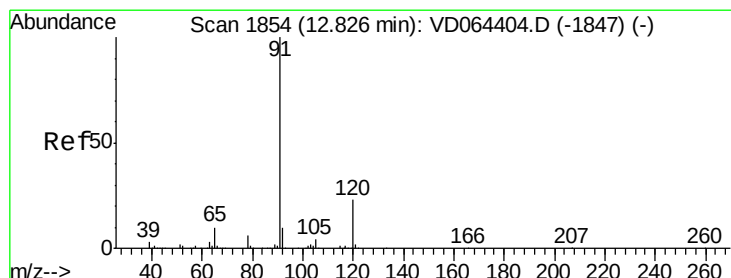
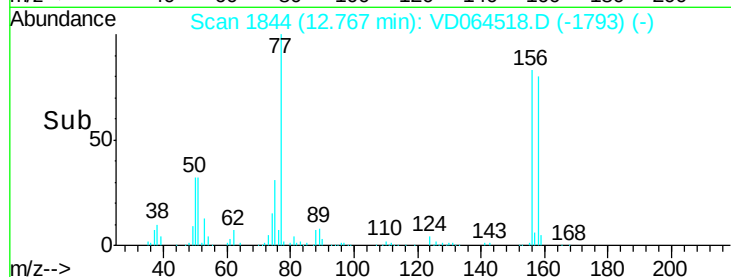
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V

12.77

Time-->



#78

n-propylbenzene

Concen: 55.378 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064518.D

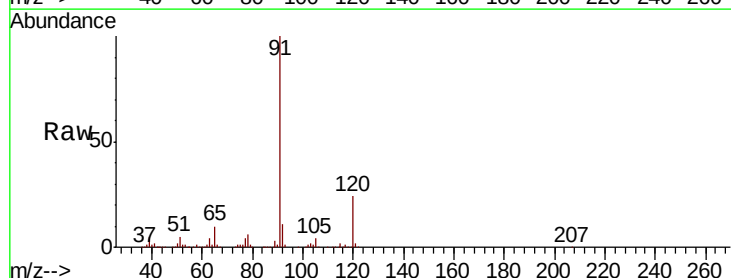
Acq: 16 Dec 2019 11:27

Tgt Ion: 91 Resp: 1192172

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.9

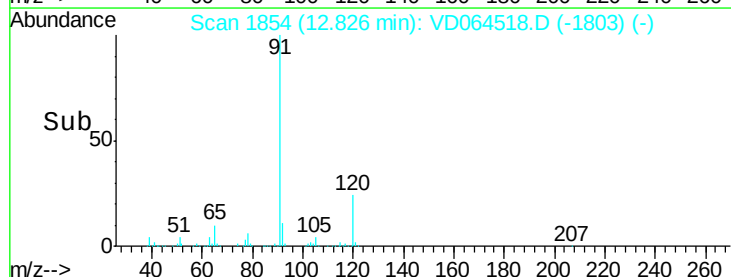


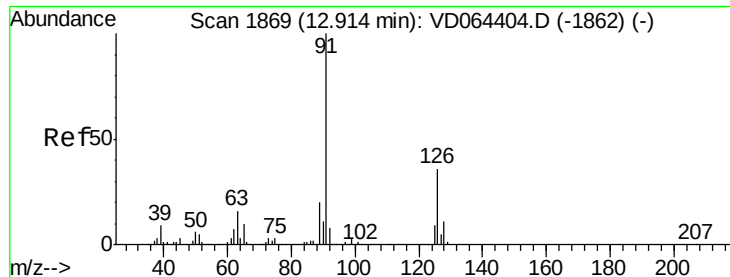
Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

12.83

Time-->

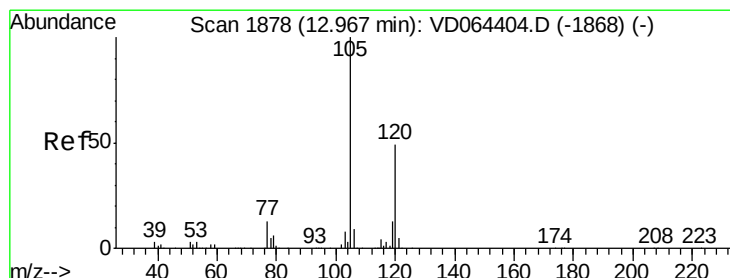
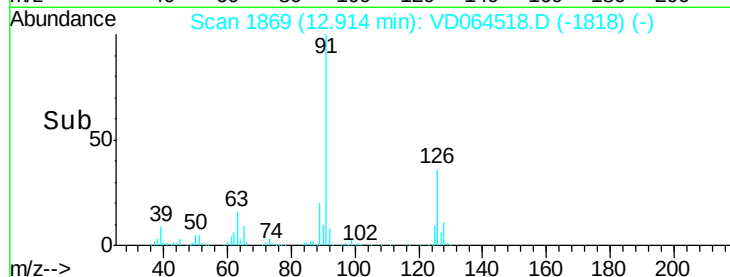
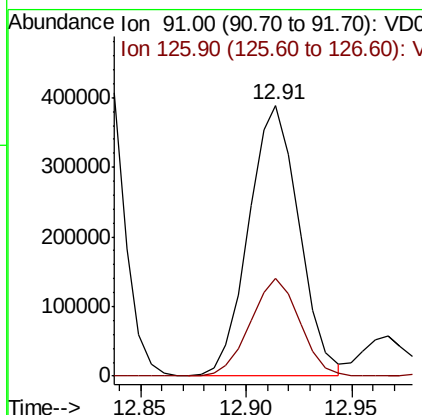
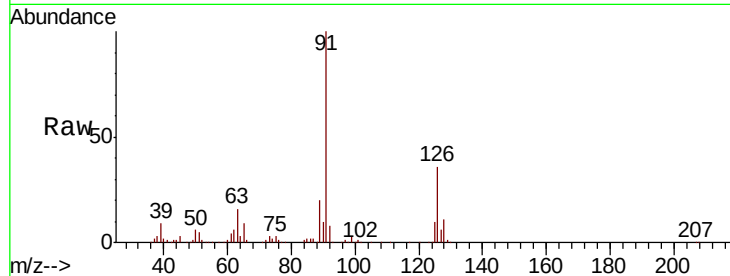




#79
 2-Chlorotoluene
 Concen: 54.286 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

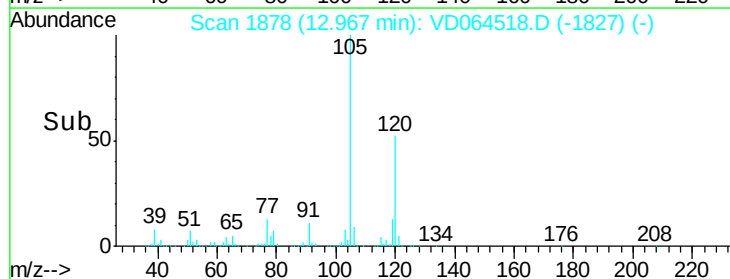
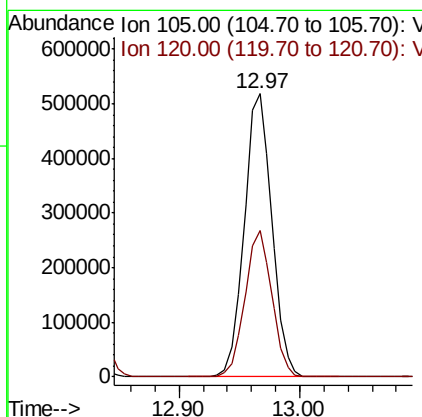
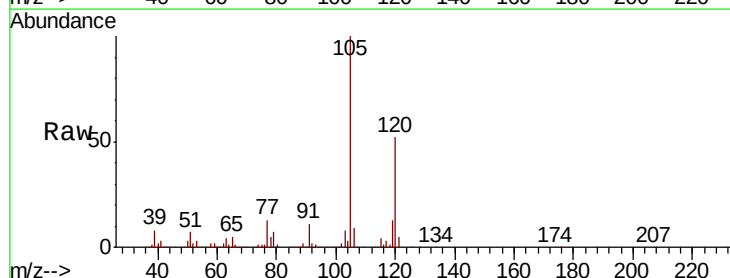
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

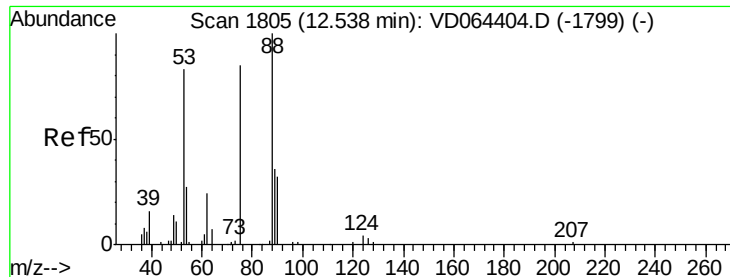
Tgt Ion: 91 Resp: 643057
 Ion Ratio Lower Upper
 91 100
 126 35.7 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.236 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

Tgt Ion: 105 Resp: 826951
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 50.988 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

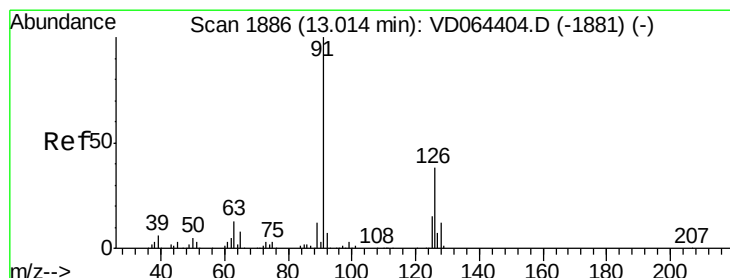
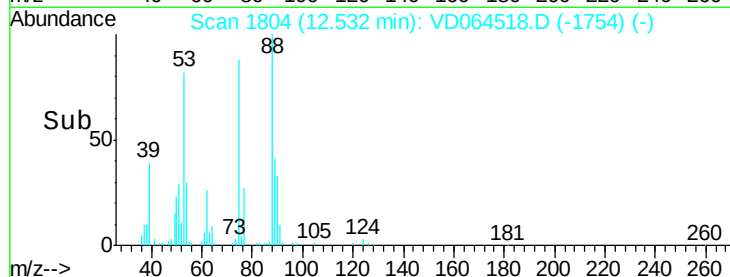
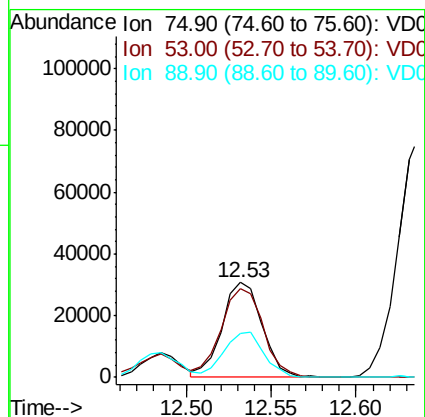
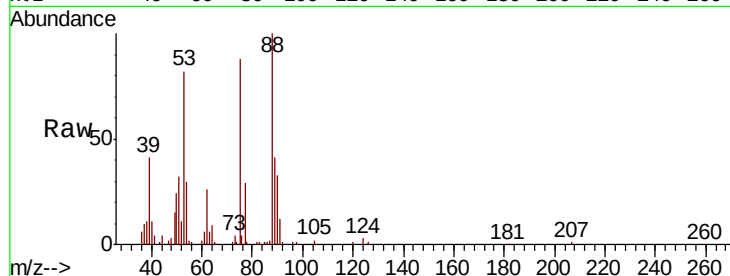
Tgt Ion: 75 Resp: 49887

Ion Ratio Lower Upper

75 100

53 99.9 81.0 121.6

89 47.7 38.5 57.7



#82

4-Chlorotoluene

Concen: 53.300 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD064518.D

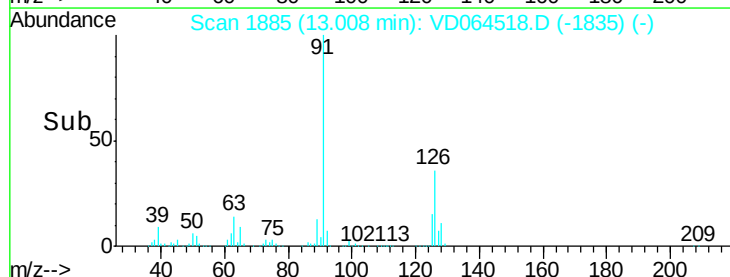
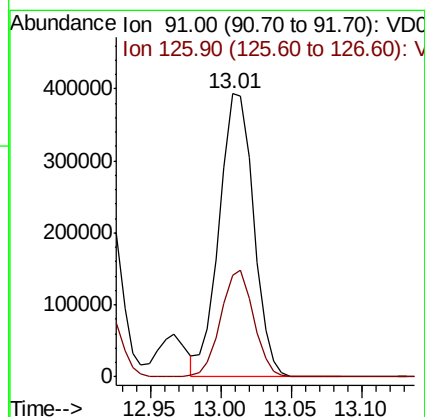
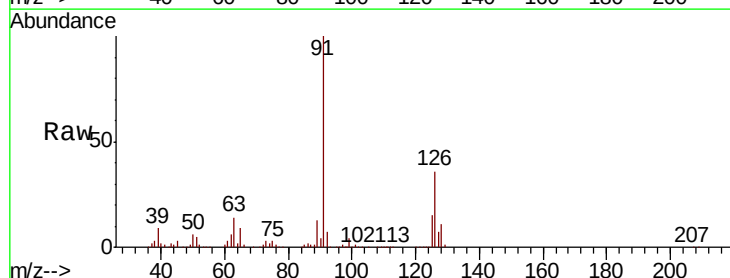
Acq: 16 Dec 2019 11:27

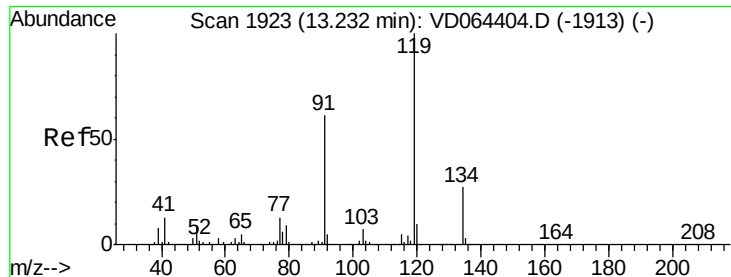
Tgt Ion: 91 Resp: 668488

Ion Ratio Lower Upper

91 100

126 36.2 18.2 54.6

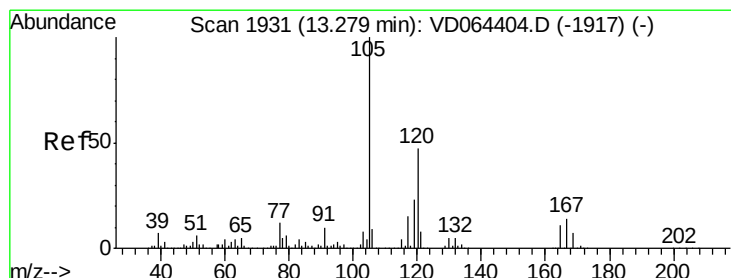
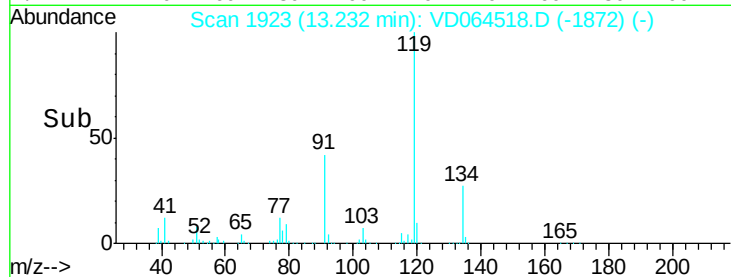
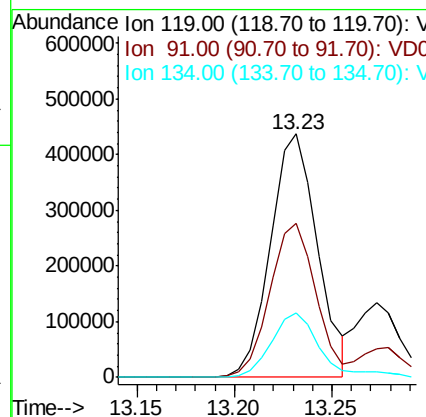
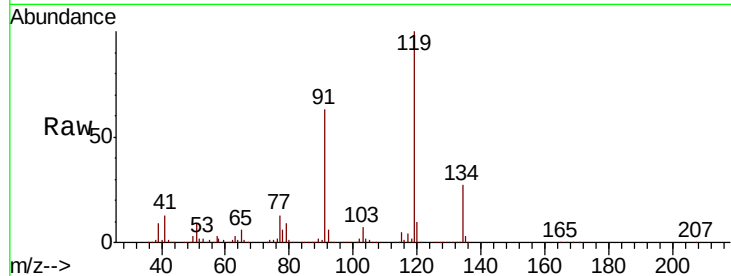




#83
 tert-Butylbenzene
 Concen: 54.953 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

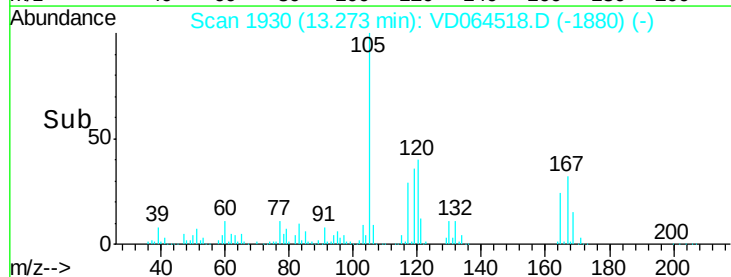
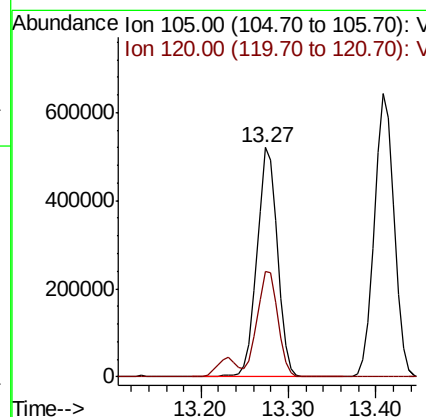
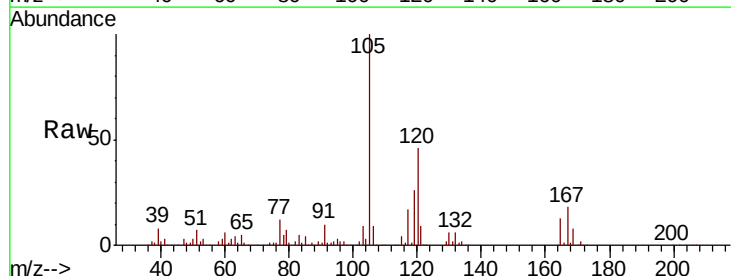
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

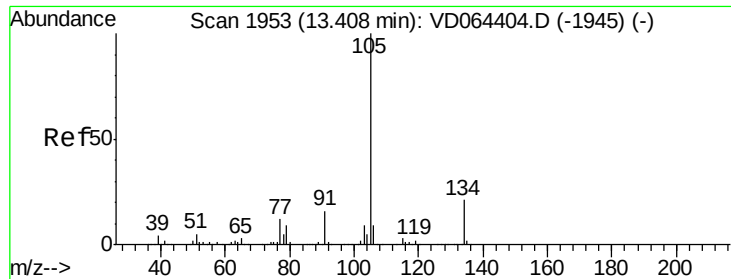
Tgt Ion:119 Resp: 728445
 Ion Ratio Lower Upper
 119 100
 91 61.8 31.2 93.6
 134 27.7 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 53.770 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

Tgt Ion:105 Resp: 824388
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.6 70.8





#85

sec-Butylbenzene

Concen: 55.703 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

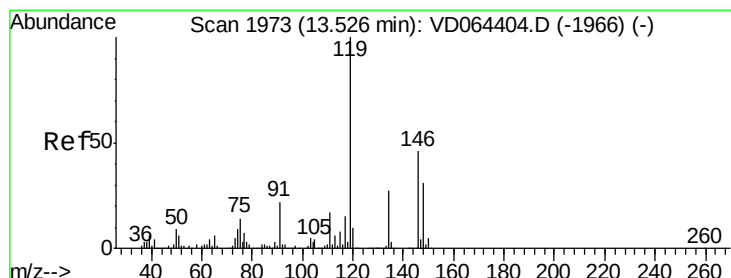
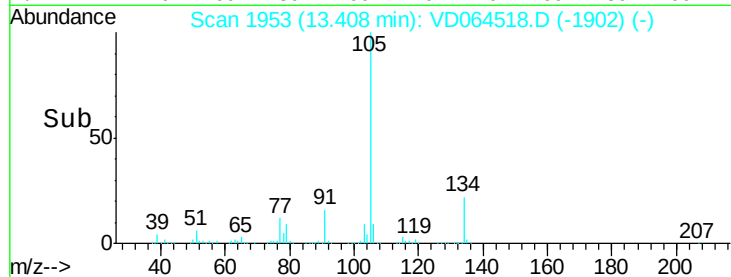
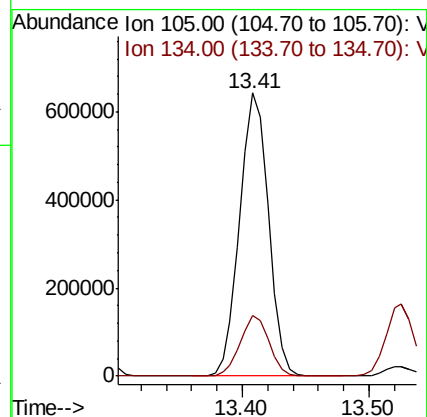
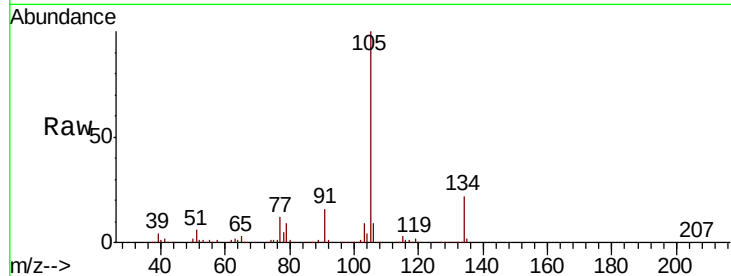
VSTDCCC050

Tgt Ion:105 Resp: 1013417

Ion Ratio Lower Upper

105 100

134 21.4 10.5 31.5



#86

p-Isopropyltoluene

Concen: 54.713 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD064518.D

Acq: 16 Dec 2019 11:27

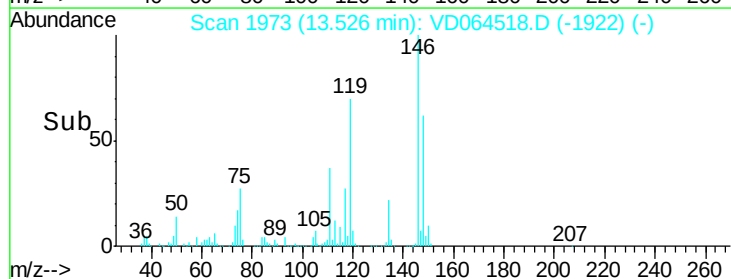
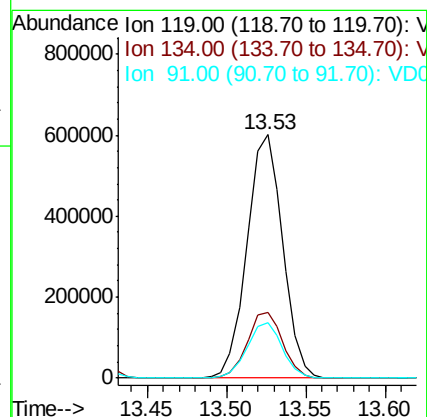
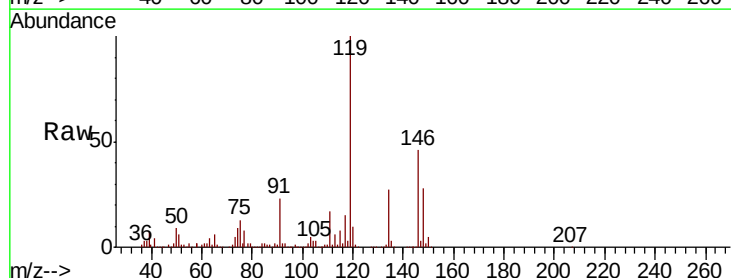
Tgt Ion:119 Resp: 939754

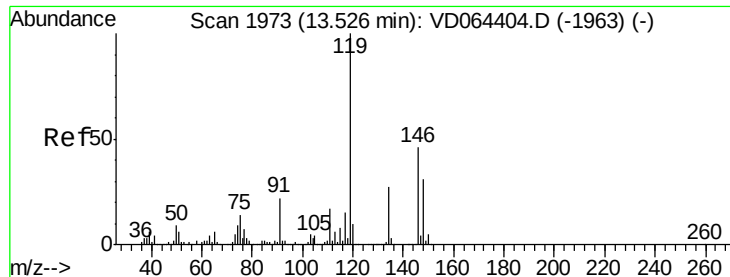
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.5 11.2 33.5

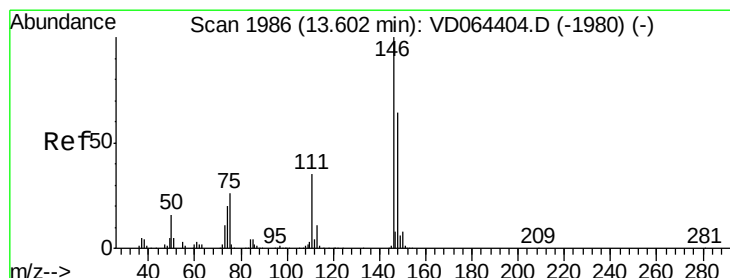
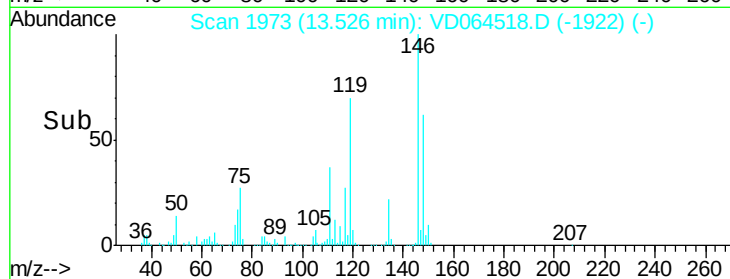
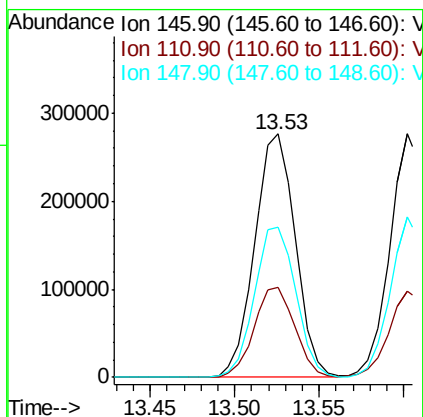
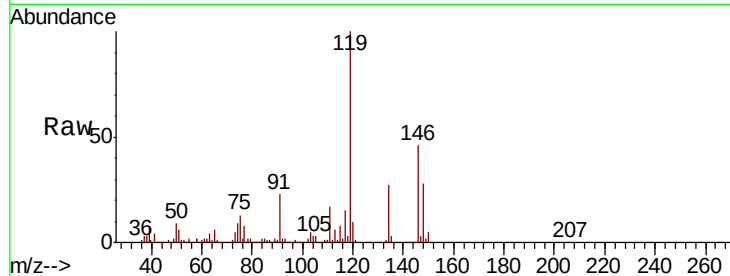




#87
 1,3-Dichlorobenzene
 Concen: 52.942 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

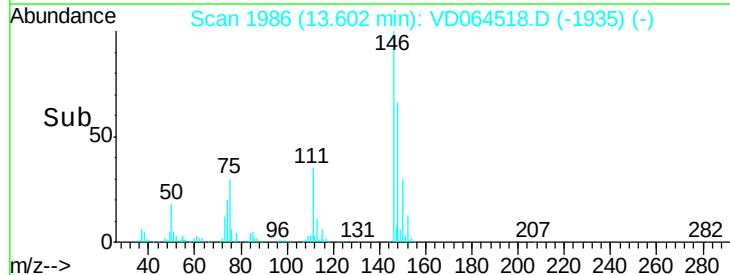
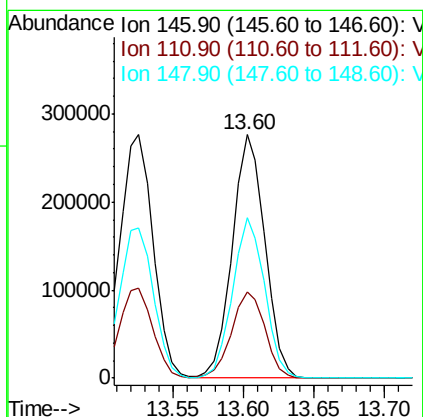
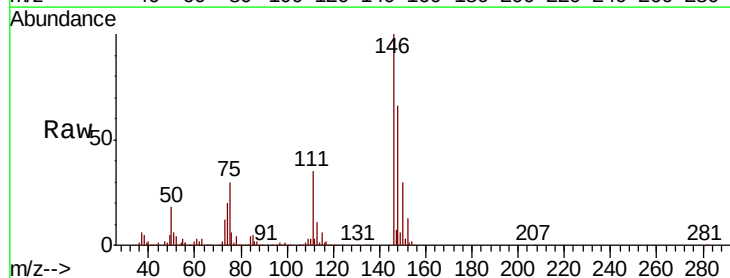
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

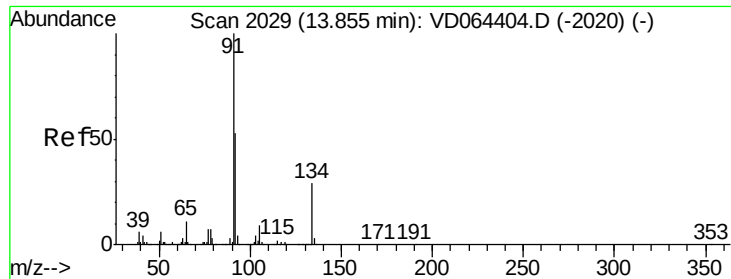
Tgt Ion:146 Resp: 462985
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.8 56.4
 148 62.8 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 51.616 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

Tgt Ion:146 Resp: 445646
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.2 54.6
 148 65.1 31.8 95.4

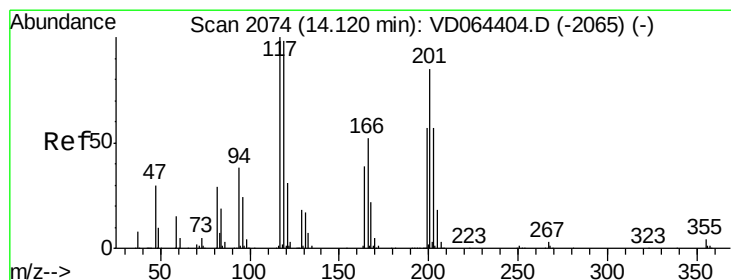
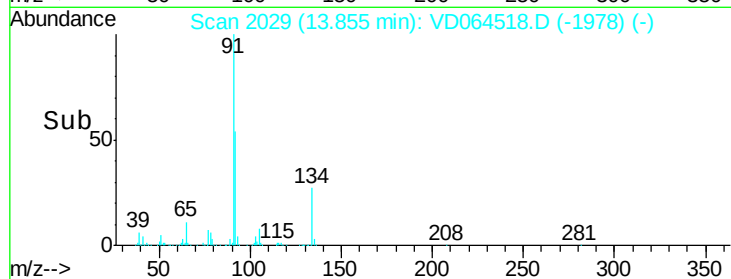
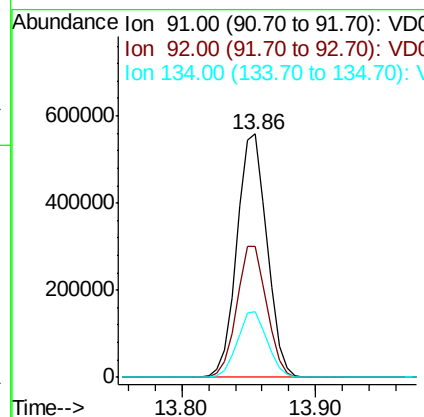
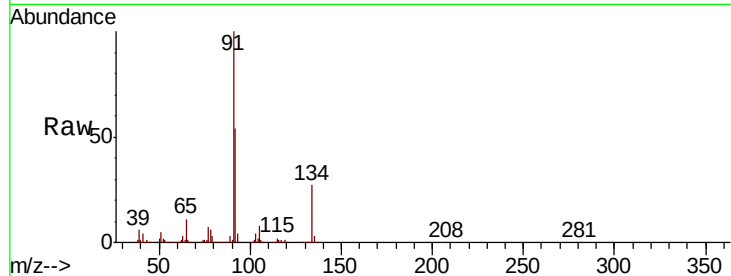




#89
n-Butylbenzene
Concen: 56.001 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

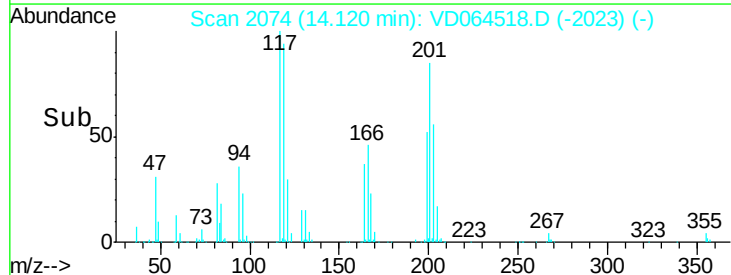
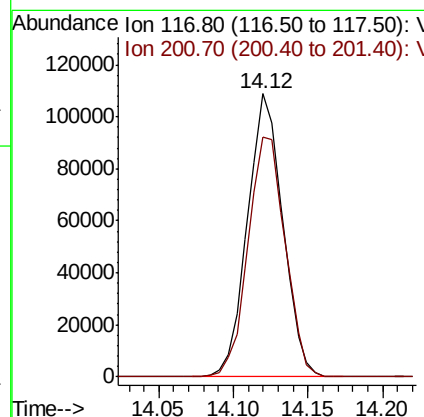
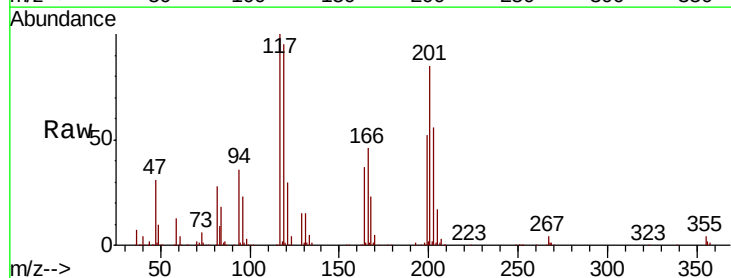
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

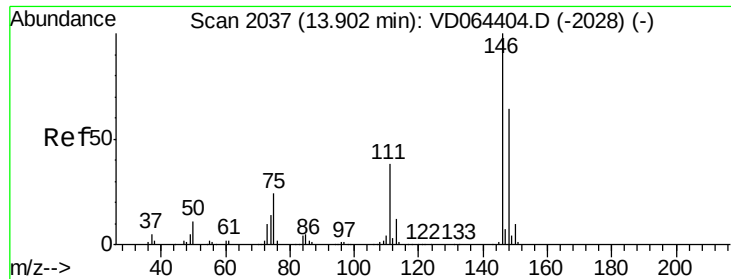
Tgt Ion: 91 Resp: 873494
Ion Ratio Lower Upper
91 100
92 53.8 26.5 79.4
134 26.9 13.9 41.7



#90
Hexachloroethane
Concen: 55.354 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion: 117 Resp: 177830
Ion Ratio Lower Upper
117 100
201 89.0 44.3 132.8

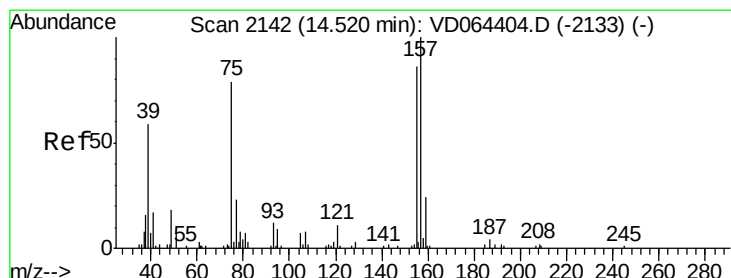
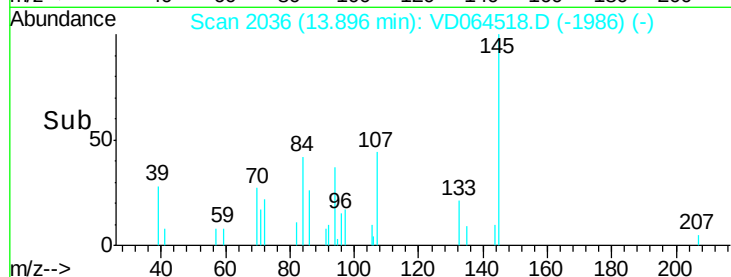
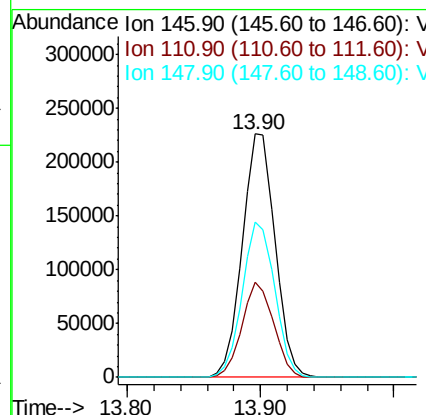
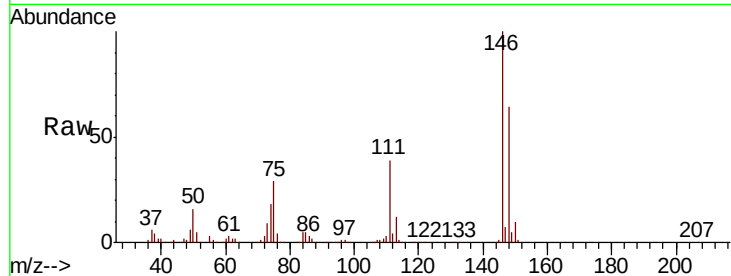




#91
 1,2-Dichlorobenzene
 Concen: 51.202 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

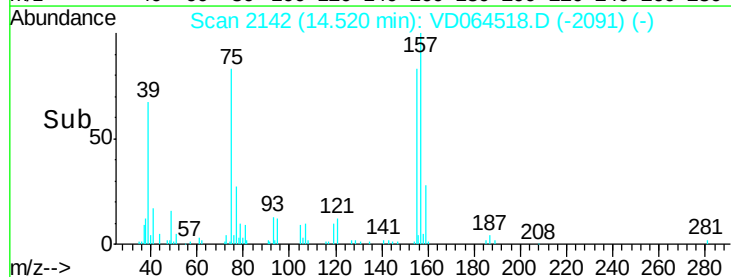
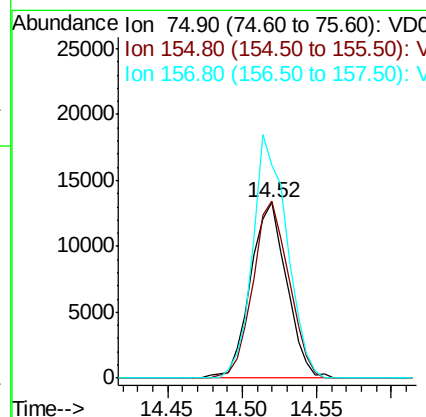
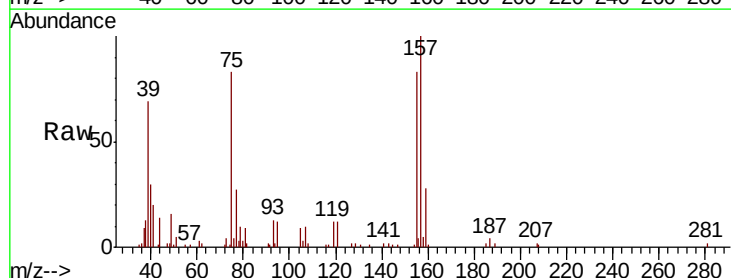
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

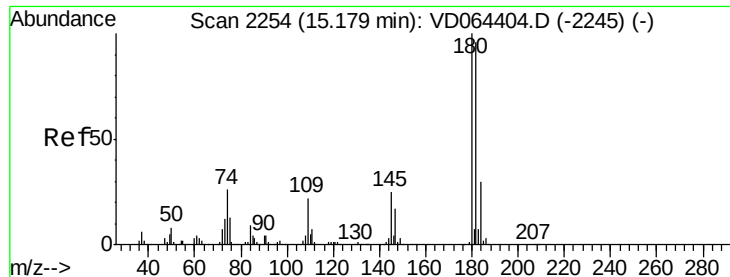
Tgt Ion: 146 Resp: 382672
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.3
 148 63.3 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.320 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

Tgt Ion: 75 Resp: 22345
 Ion Ratio Lower Upper
 75 100
 155 100.2 51.9 155.7
 157 130.4 63.2 189.8

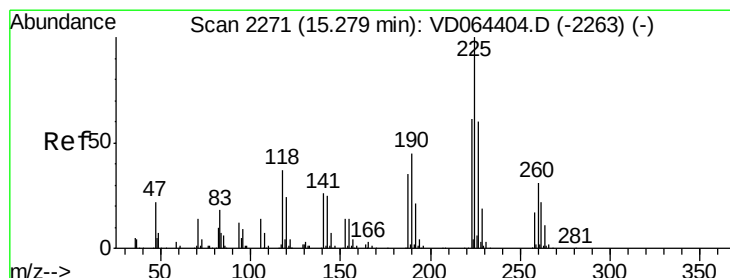
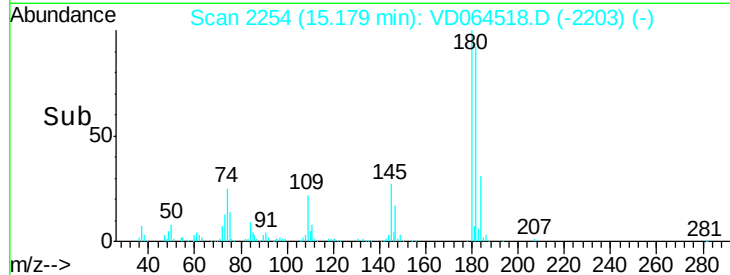
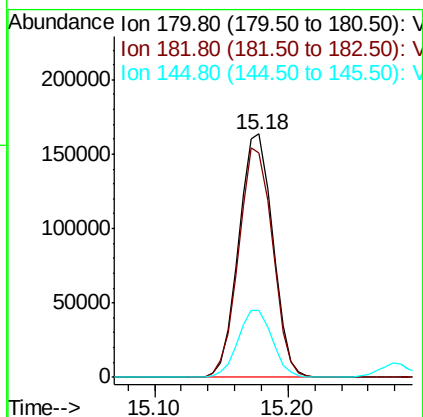
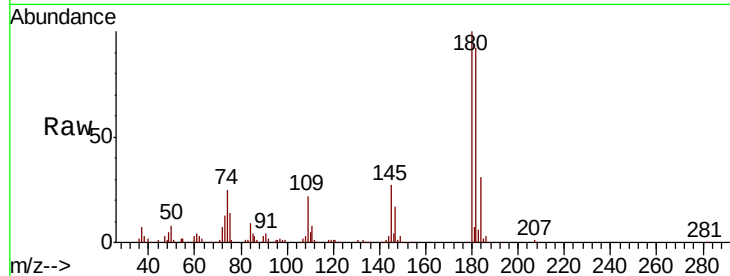




#93
 1,2,4-Trichlorobenzene
 Concen: 50.563 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

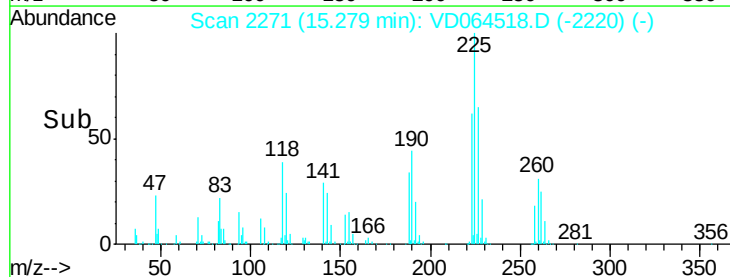
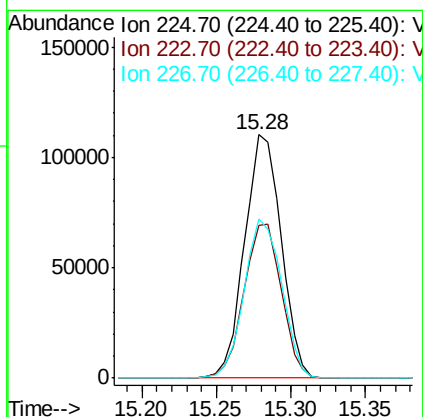
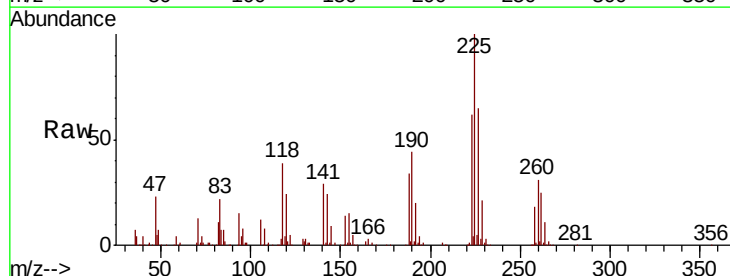
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

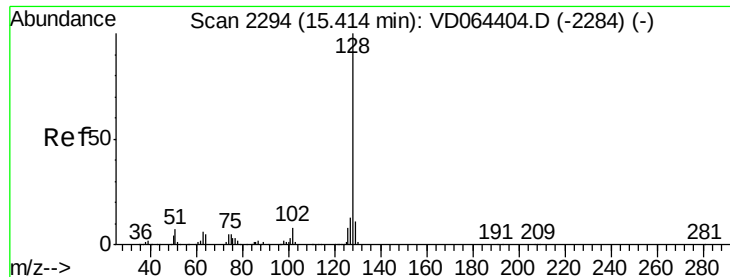
Tgt Ion:180 Resp: 289407
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.4 142.3
 145 27.7 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 53.034 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD064518.D
 Acq: 16 Dec 2019 11:27

Tgt Ion:225 Resp: 187395
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.1 93.3
 227 66.8 31.8 95.4

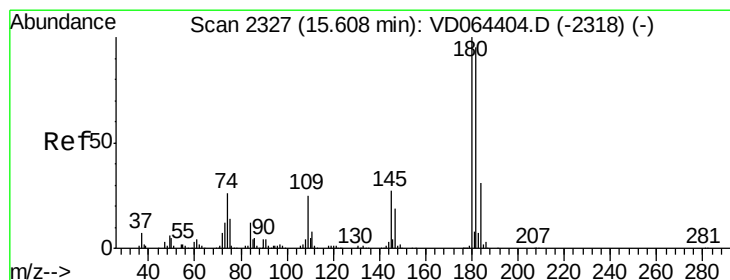
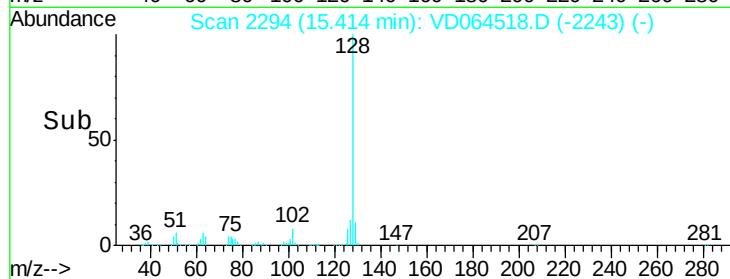
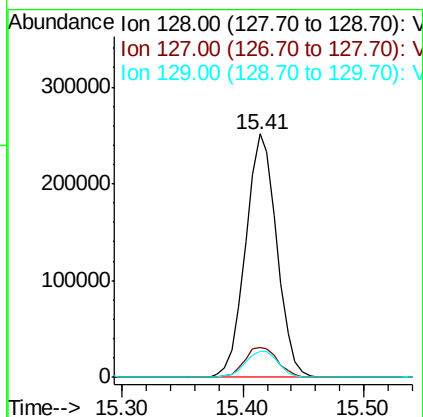
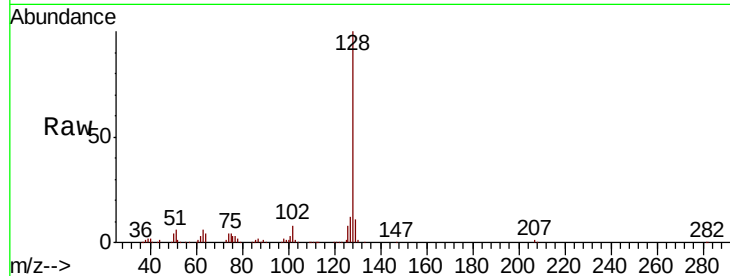




#95
Naphthalene
Concen: 47.353 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 452328
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.966 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD064518.D
Acq: 16 Dec 2019 11:27

Tgt Ion:180 Resp: 244125
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.9
145 29.8 14.6 43.8

