

Data File : VD064238.D
Acq On : 15 Nov 2019 20:22
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 16 04:54:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	584072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	862157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	767373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	377578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	256575	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
35) Dibromofluoromethane	7.92	113	258425	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.34	98	930066	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.64	95	323293	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	233247	48.151	ug/l	97
3) Chloromethane	2.21	50	284748	54.802	ug/l	99
4) Vinyl Chloride	2.35	62	328145	59.057	ug/l	98
5) Bromomethane	2.77	94	233904	66.666	ug/l	97
6) Chloroethane	2.92	64	230141	64.821	ug/l	99
7) Trichlorofluoromethane	3.27	101	560569	62.226	ug/l	98
8) Diethyl Ether	3.70	74	148532	59.965	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	262132	50.910	ug/l	98
10) Methyl Iodide	4.29	142	310095	52.647	ug/l	99
11) Tert butyl alcohol	5.25	59	96595	287.902	ug/l	97
12) 1,1-Dichloroethene	4.06	96	257141	52.394	ug/l	96
13) Acrolein	3.93	56	91926	323.870	ug/l	99
14) Allyl chloride	4.71	41	440183	50.727	ug/l	97
15) Acrylonitrile	5.43	53	315258	298.547	ug/l	99
16) Acetone	4.17	43	235628	207.057	ug/l	99
17) Carbon Disulfide	4.40	76	765214	50.066	ug/l	99
18) Methyl Acetate	4.73	43	181331	57.051	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	681066	58.130	ug/l	96
20) Methylene Chloride	4.96	84	303148	52.737	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	297131	53.437	ug/l	99
22) Diisopropyl ether	6.37	45	904904	56.204	ug/l	98
23) Vinyl Acetate	6.31	43	2681719	298.807	ug/l	99
24) 1,1-Dichloroethane	6.27	63	520130	55.639	ug/l	99
25) 2-Butanone	7.23	43	397560	270.409	ug/l	100
26) 2,2-Dichloropropane	7.21	77	440851	48.087	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	344653	57.799	ug/l	94
28) Bromochloromethane	7.55	49	199190	61.202	ug/l	98
29) Tetrahydrofuran	7.57	42	258783	292.961	ug/l	97
30) Chloroform	7.71	83	554566	57.994	ug/l	98
31) Cyclohexane	7.99	56	441188	46.795	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	485086	52.979	ug/l	100
36) 1,1-Dichloropropene	8.11	75	401356	50.441	ug/l	100
37) Ethyl Acetate	7.30	43	183123	54.591	ug/l	99
38) Carbon Tetrachloride	8.10	117	436212	51.234	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	488993	48.567	ug/l	97
40) Benzene	8.35	78	1156273	53.171	ug/l	99
41) Methacrylonitrile	7.53	41	107367	50.925	ug/l #	92
42) 1,2-Dichloroethane	8.43	62	351617	53.835	ug/l	99
43) Isopropyl Acetate	8.46	43	380937	55.116	ug/l	98
44) Trichloroethene	9.11	130	344935	52.849	ug/l	98
45) 1,2-Dichloropropane	9.39	63	290448	54.873	ug/l	98
46) Dibromomethane	9.48	93	163464	57.686	ug/l	99
47) Bromodichloromethane	9.67	83	435007	56.992	ug/l	98
48) Methyl methacrylate	9.46	41	181765	53.783	ug/l	96
49) 1,4-Dioxane	9.47	88	39423	1158.400	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	923820	278.729	ug/l	99
52) Toluene	10.41	92	755207	52.813	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	414456	54.199	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	482894	54.116	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	226046	58.804	ug/l	98
56) Ethyl methacrylate	10.67	69	302096	56.179	ug/l	97
57) 1,3-Dichloropropane	10.95	76	383273	57.170	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	572549	262.850	ug/l	100
59) 2-Hexanone	10.99	43	626129	265.533	ug/l	98
60) Dibromochloromethane	11.14	129	312612	58.281	ug/l	99
61) 1,2-Dibromoethane	11.25	107	224028	58.186	ug/l	98
64) Tetrachloroethene	10.88	164	288840	48.941	ug/l	93
65) Chlorobenzene	11.67	112	830157	53.200	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	328317	55.333	ug/l	99
67) Ethyl Benzene	11.75	91	1468288	52.019	ug/l	98
68) m/p-Xylenes	11.86	106	1122443	103.747	ug/l	99
69) o-Xylene	12.18	106	527547	52.576	ug/l	99
70) Styrene	12.20	104	936486	53.467	ug/l	99
71) Bromoform	12.37	173	193682	57.357	ug/l #	98
73) Isopropylbenzene	12.48	105	1399887	50.512	ug/l	99
74) N-amyl acetate	12.30	43	342912	52.396	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	232906	55.772	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	313046	102.933	ug/l #	100
77) Bromobenzene	12.77	156	364458	54.130	ug/l	98
78) n-propylbenzene	12.83	91	1599945	50.529	ug/l	99
79) 2-Chlorotoluene	12.91	91	901464	50.427	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	1159092	50.898	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	77547	50.649	ug/l	99
82) 4-Chlorotoluene	13.01	91	970344	52.041	ug/l	100
83) tert-Butylbenzene	13.23	119	1005560	50.077	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1157541	51.486	ug/l	100
85) sec-Butylbenzene	13.41	105	1337488	49.592	ug/l	99
86) p-Isopropyltoluene	13.53	119	1288035	50.235	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	664421	53.161	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	658400	53.975	ug/l	99
89) n-Butylbenzene	13.85	91	1145970	49.471	ug/l	100
90) Hexachloroethane	14.12	117	242689	51.216	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	579371	54.768	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	40026	53.608	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111519\
Quantitation Report (Not Reviewed)

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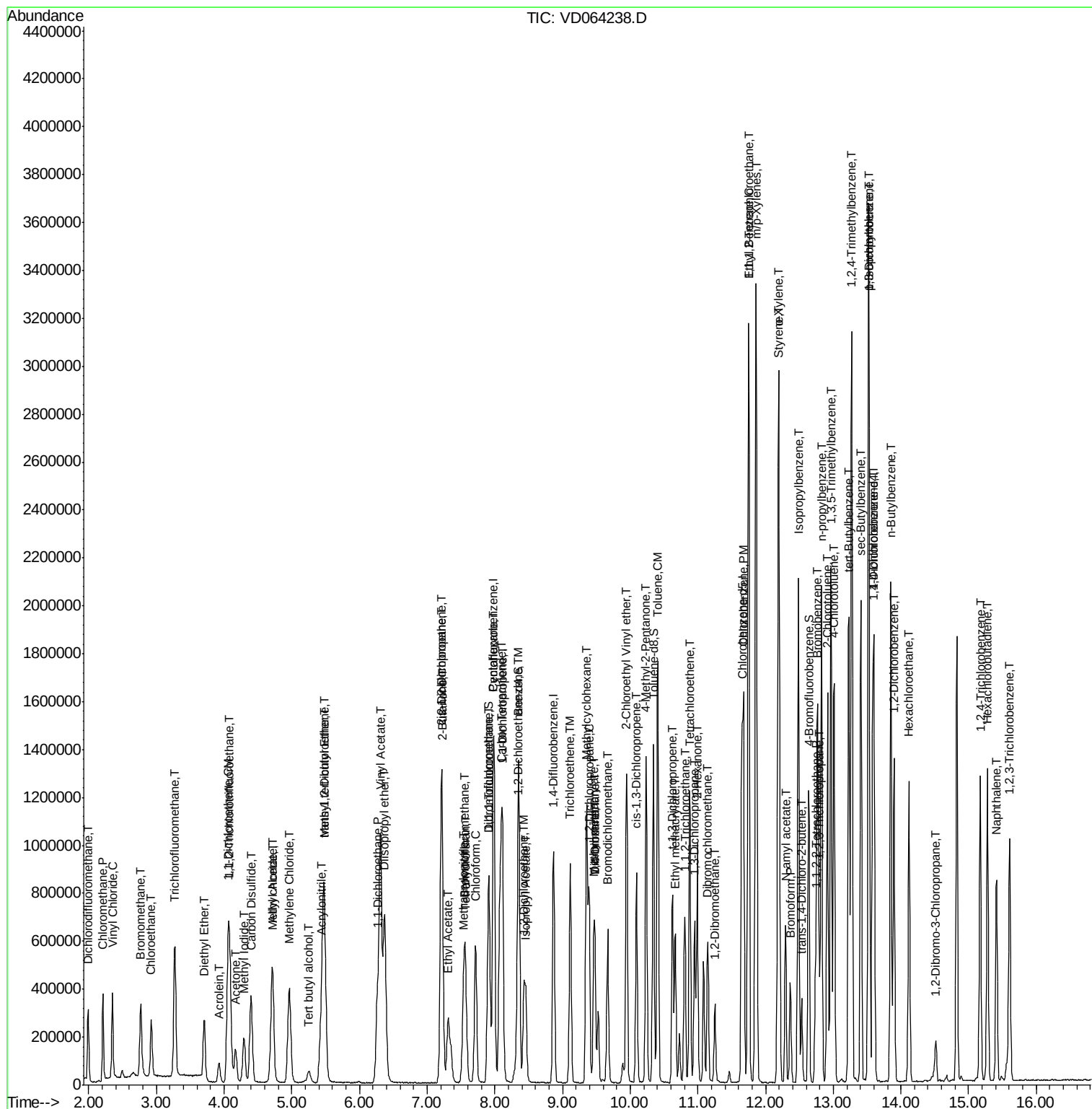
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	450510	55.206	ug/l	99
94) Hexachlorobutadiene	15.28	225	271036	51.421	ug/l	99
95) Naphthalene	15.41	128	756566	56.557	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	389433	56.141	ug/l	99

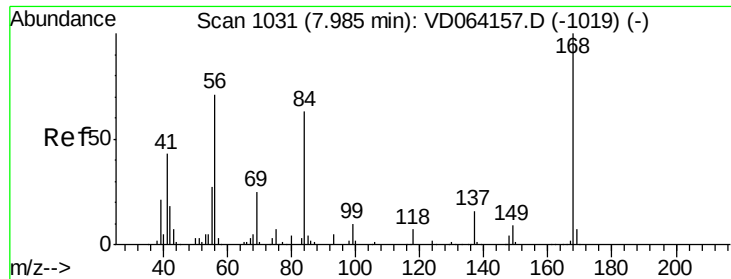
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

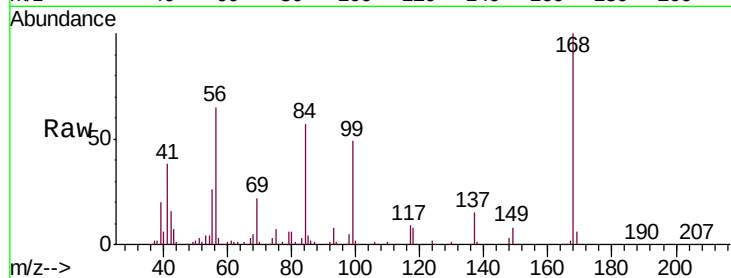
VSTDCCC050EC

Tgt Ion:168 Resp: 584072

Ion Ratio Lower Upper

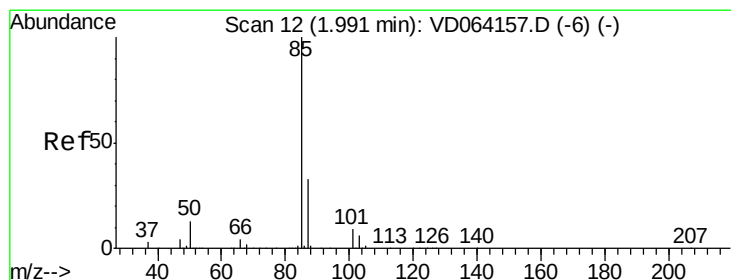
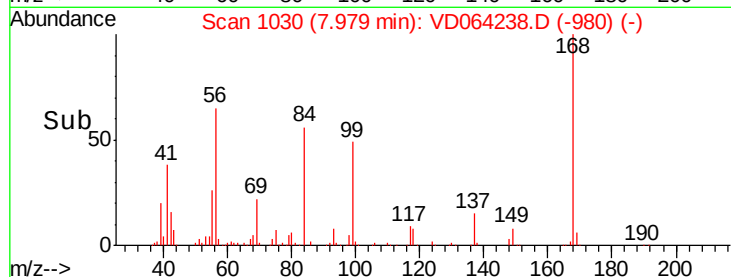
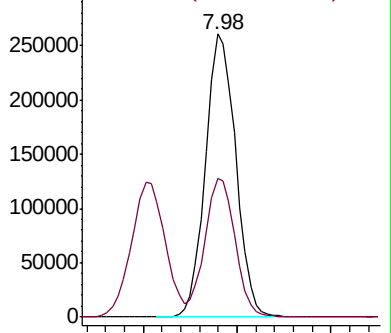
168 100

99 49.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 48.151 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064238.D

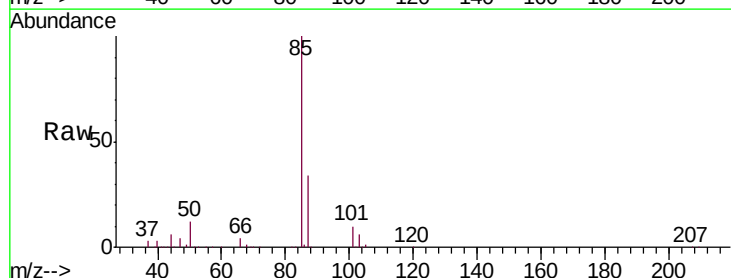
Acq: 15 Nov 2019 20:22

Tgt Ion: 85 Resp: 233247

Ion Ratio Lower Upper

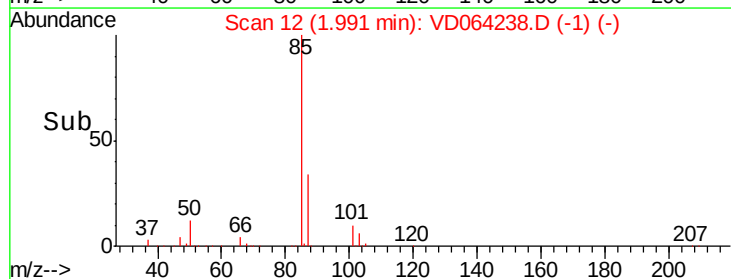
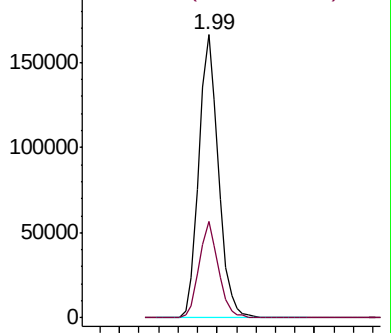
85 100

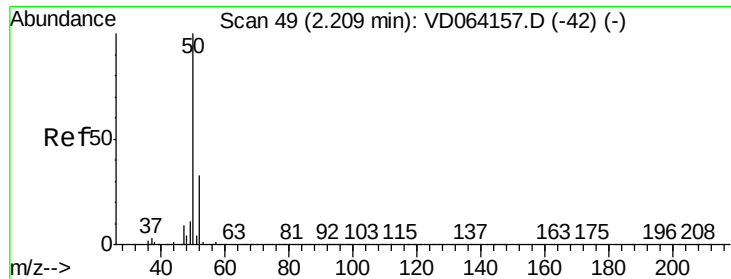
87 34.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 54.802 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

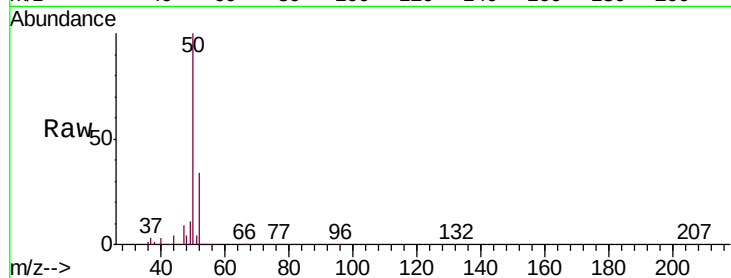
VSTDCCC050EC

Tgt Ion: 50 Resp: 284748

Ion Ratio Lower Upper

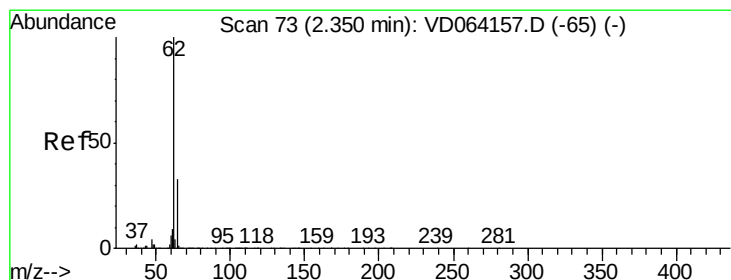
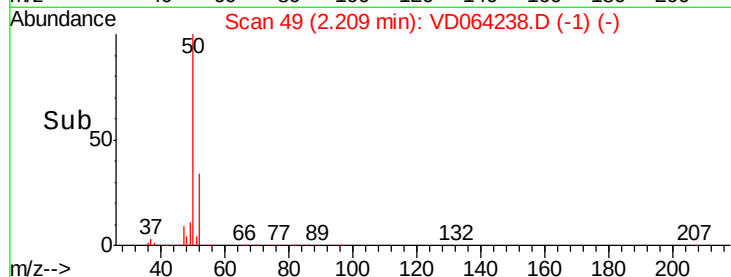
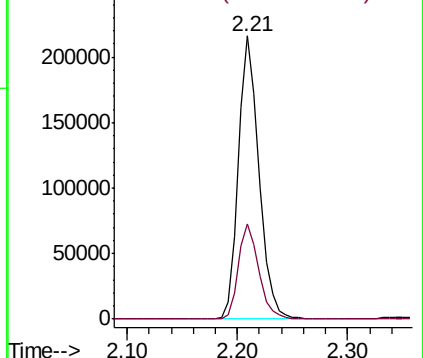
50 100

52 33.5 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 59.057 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064238.D

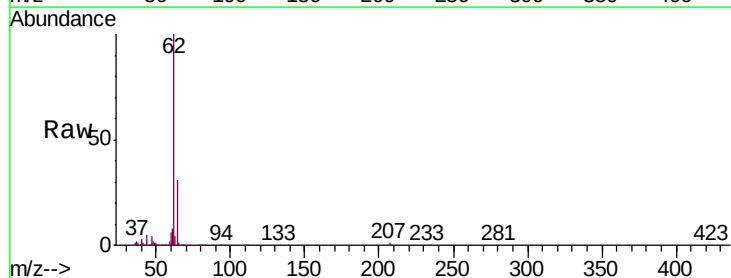
Acq: 15 Nov 2019 20:22

Tgt Ion: 62 Resp: 328145

Ion Ratio Lower Upper

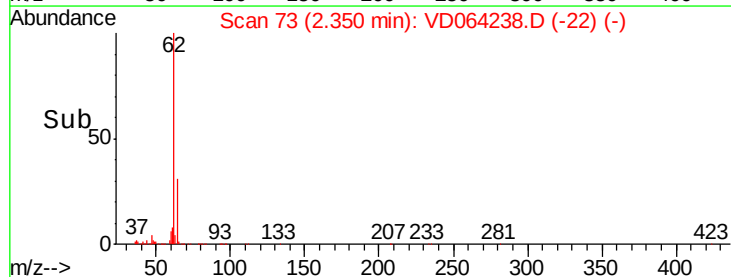
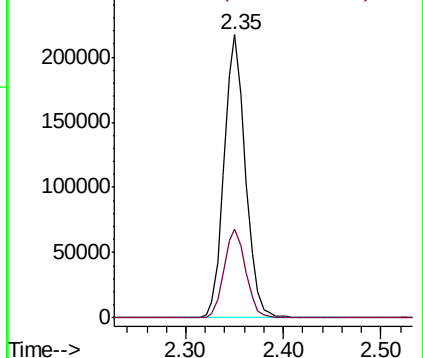
62 100

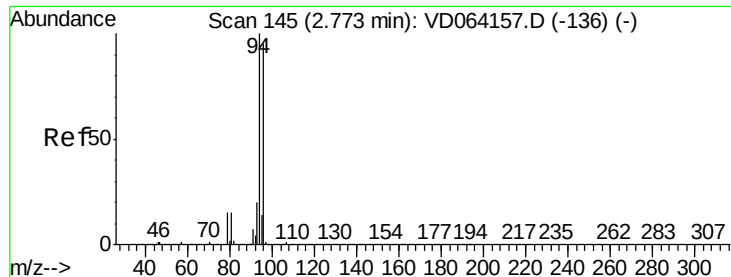
64 31.3 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 66.666 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

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MSVOA_D

ClientSampleId :

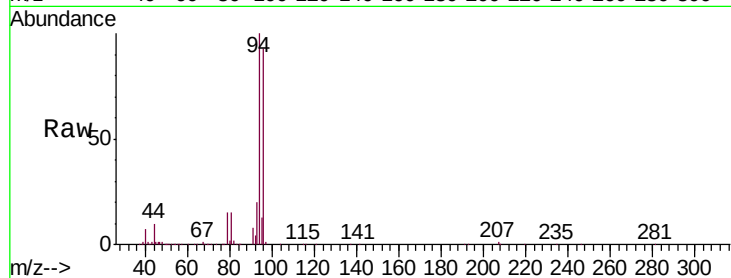
VSTDCCC050EC

Tgt Ion: 94 Resp: 233904

Ion Ratio Lower Upper

94 100

96 92.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

120000

100000

80000

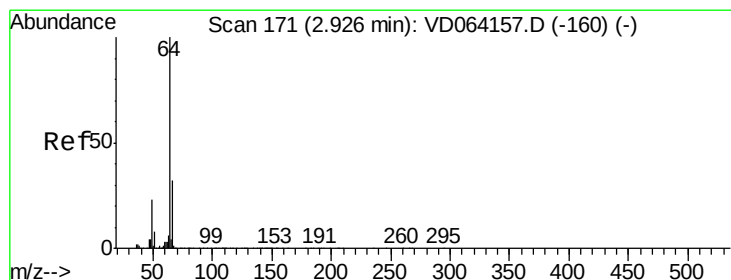
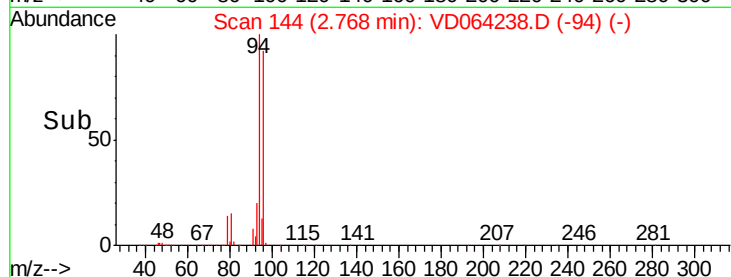
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 64.821 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD064238.D

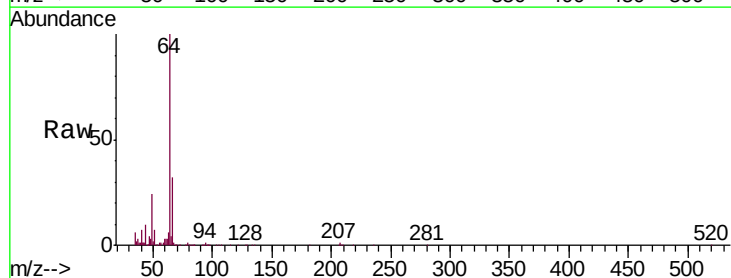
Acq: 15 Nov 2019 20:22

Tgt Ion: 64 Resp: 230141

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

120000

100000

80000

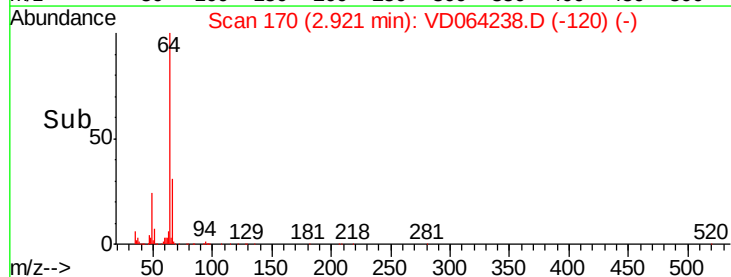
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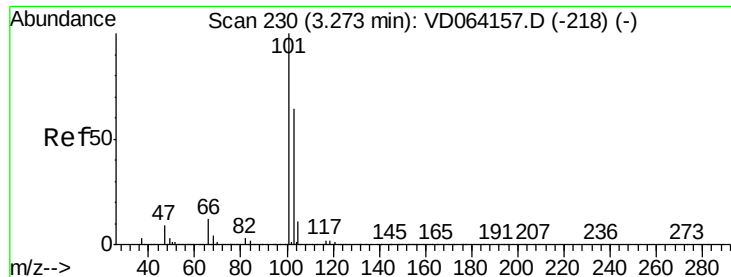
40000

20000

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Time-->



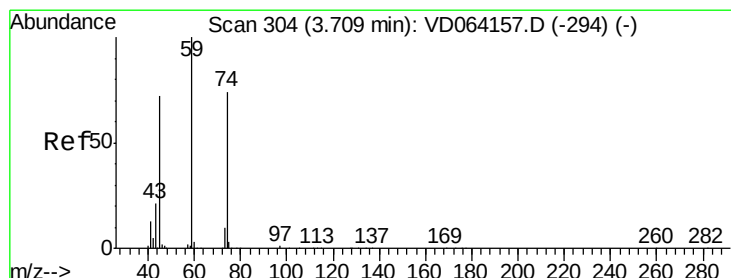
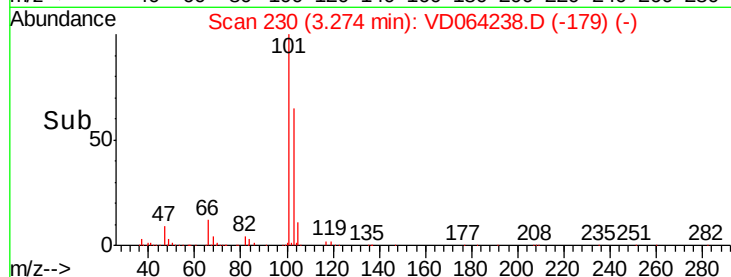
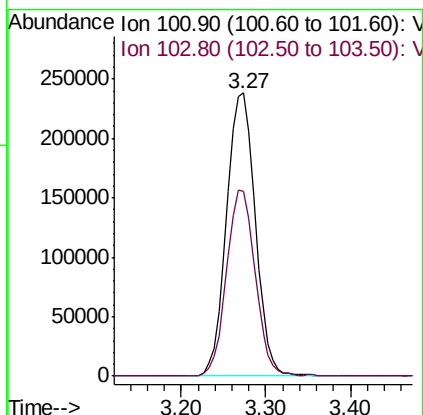
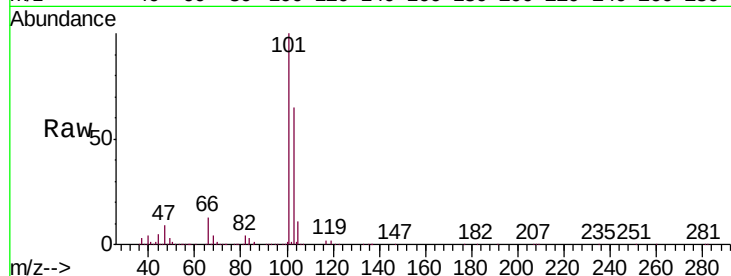


#7

Trichlorofluoromethane
 Concen: 62.226 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

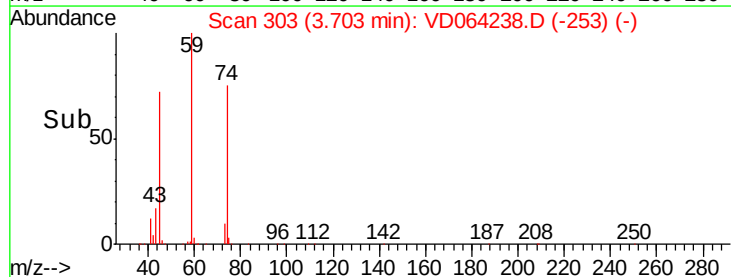
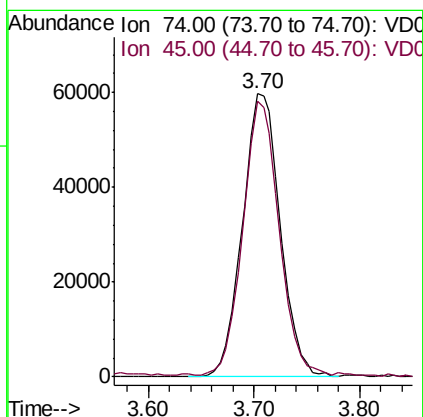
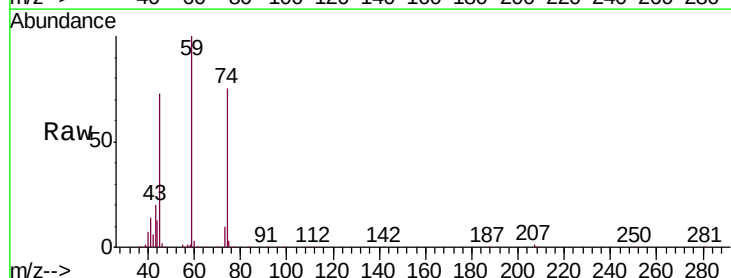
Tgt Ion:101 Resp: 560569
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.8 76.2

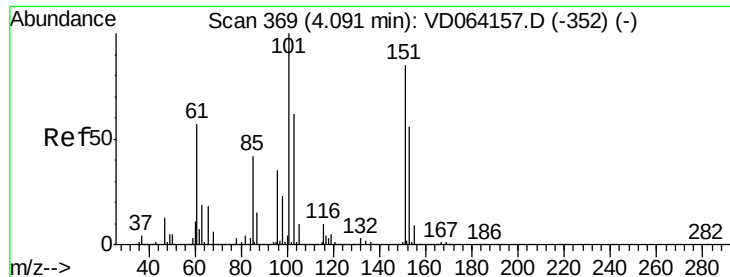


#8

Diethyl Ether
 Concen: 59.965 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Tgt Ion: 74 Resp: 148532
 Ion Ratio Lower Upper
 74 100
 45 92.2 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.910 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

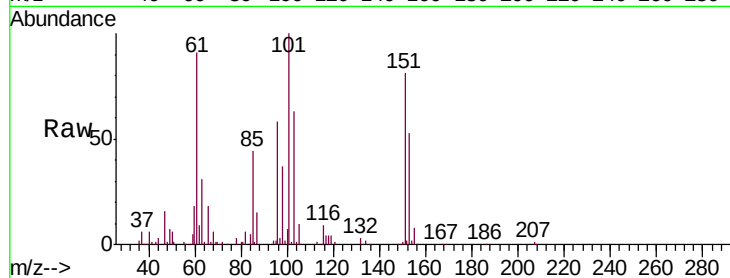
Tgt Ion:101 Resp: 262132

Ion Ratio Lower Upper

101 100

85 43.8 34.4 51.6

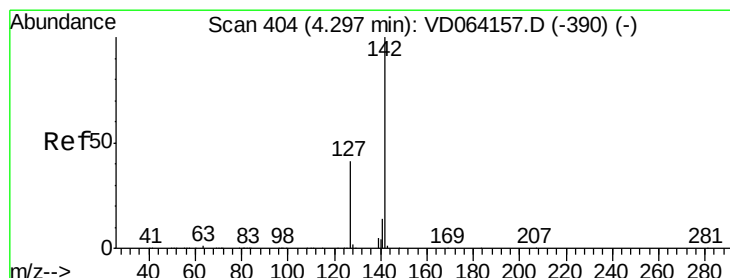
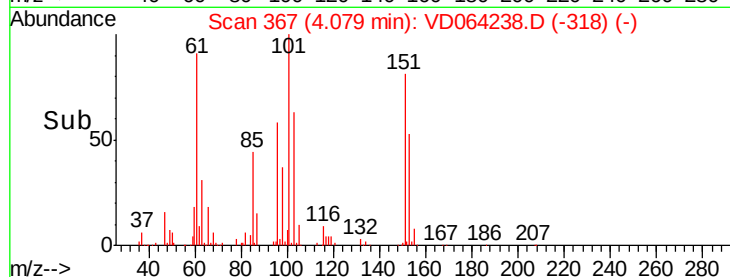
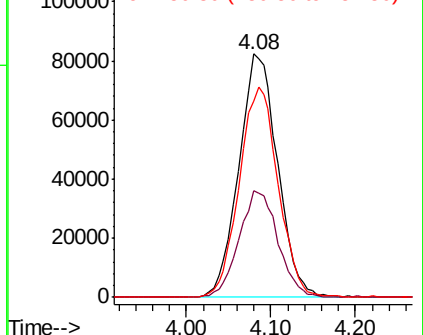
151 87.0 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.647 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

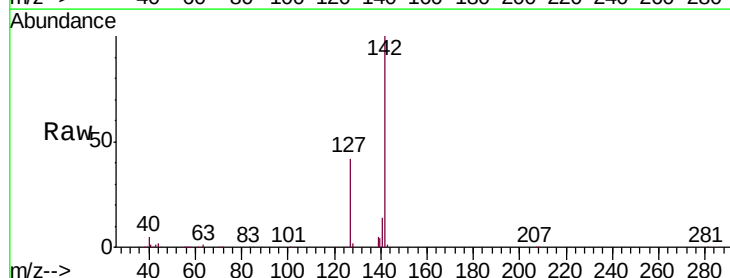
Tgt Ion:142 Resp: 310095

Ion Ratio Lower Upper

142 100

127 43.1 34.4 51.6

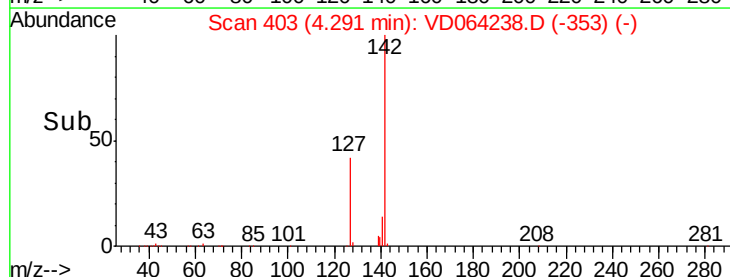
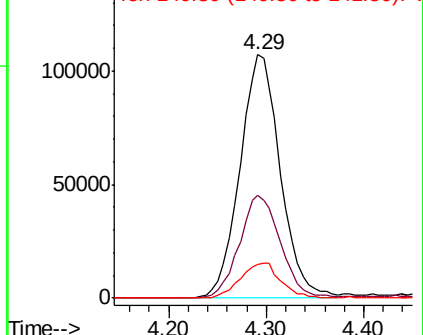
141 14.6 11.2 16.8

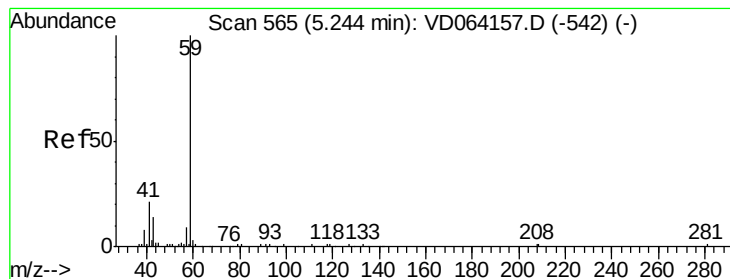


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



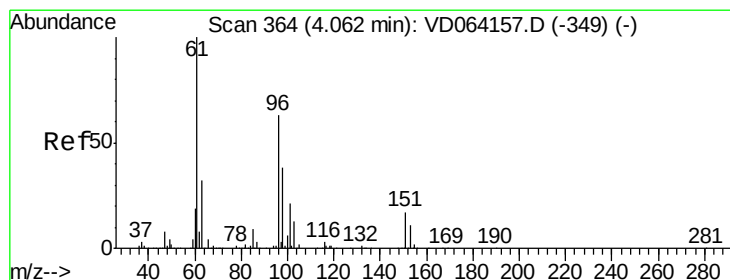
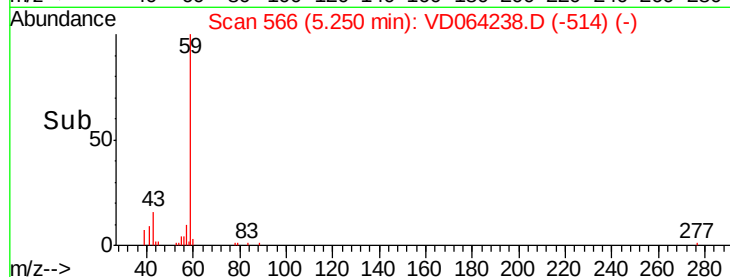
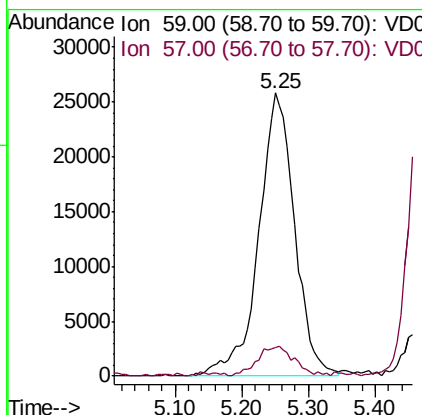
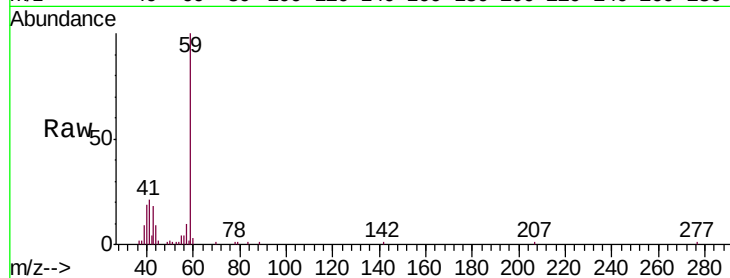


#11

Tert butyl alcohol
Concen: 287.902 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

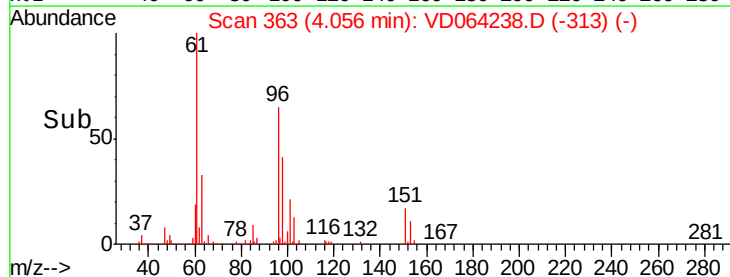
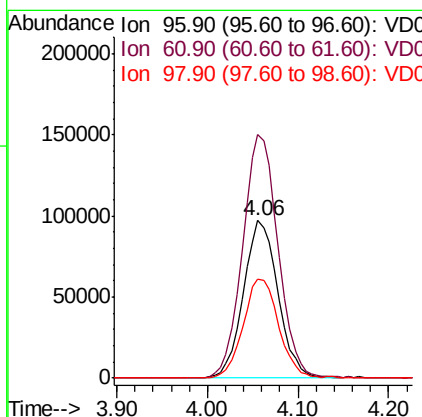
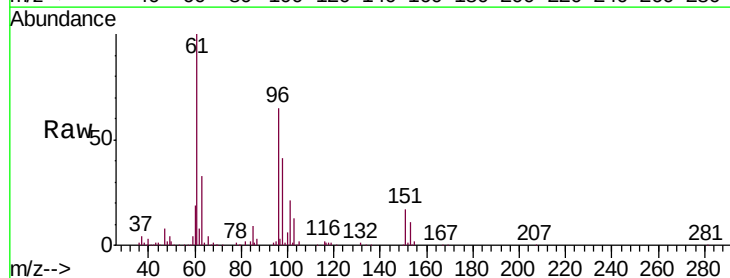
Tgt Ion: 59 Resp: 96595
Ion Ratio Lower Upper
59 100
57 10.6 9.4 14.2

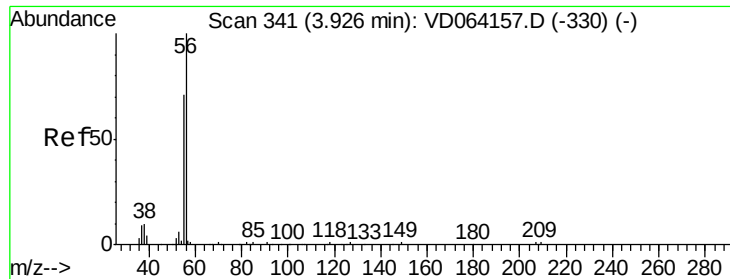


#12

1,1-Dichloroethene
Concen: 52.394 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion: 96 Resp: 257141
Ion Ratio Lower Upper
96 100
61 154.5 127.4 191.2
98 62.7 48.1 72.1

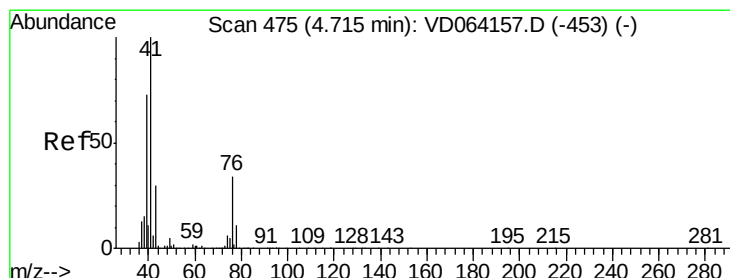
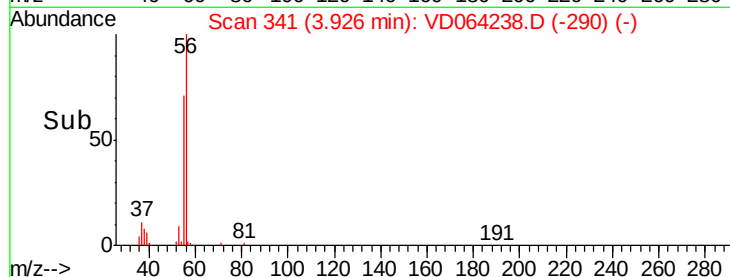
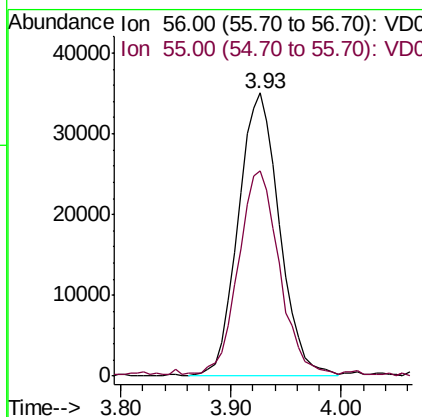
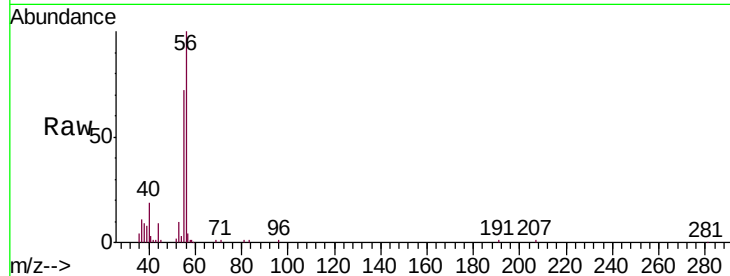




#13
 Acrolein
 Concen: 323.870 ug/l
 RT: 3.93 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

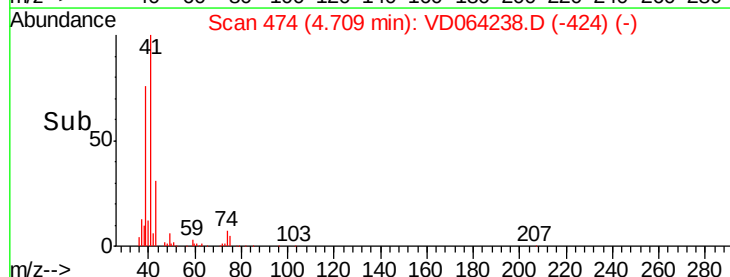
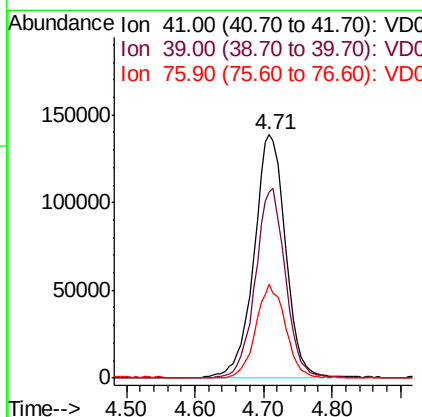
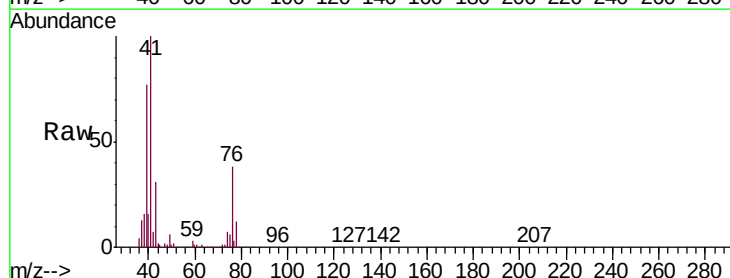
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

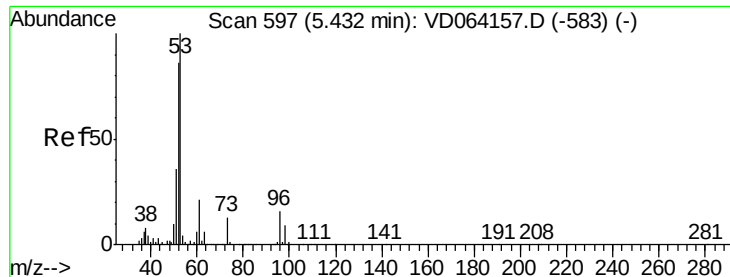
Tgt Ion: 56 Resp: 91926
 Ion Ratio Lower Upper
 56 100
 55 70.7 56.1 84.1



#14
 Allyl chloride
 Concen: 50.727 ug/l
 RT: 4.71 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Tgt Ion: 41 Resp: 440183
 Ion Ratio Lower Upper
 41 100
 39 74.1 57.5 86.3
 76 36.3 26.8 40.2





#15

Acrylonitrile

Concen: 298.547 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

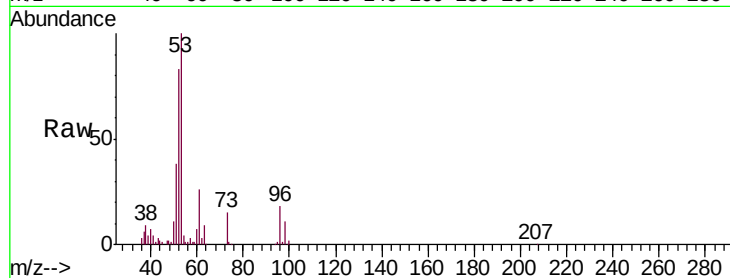
Tgt Ion: 53 Resp: 315258

Ion Ratio Lower Upper

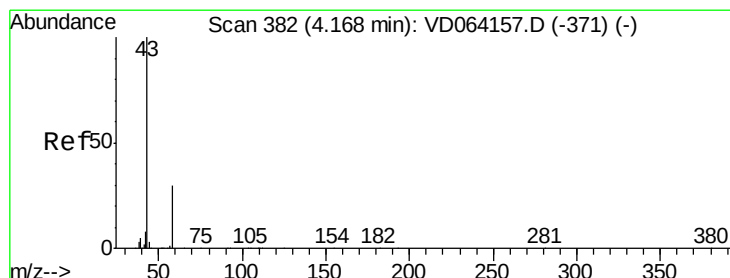
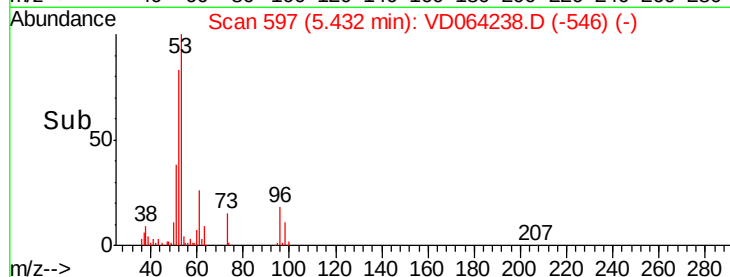
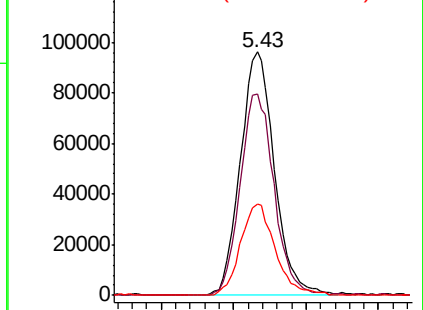
53 100

52 82.1 66.7 100.1

51 38.3 30.6 46.0



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: 207.057 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064238.D

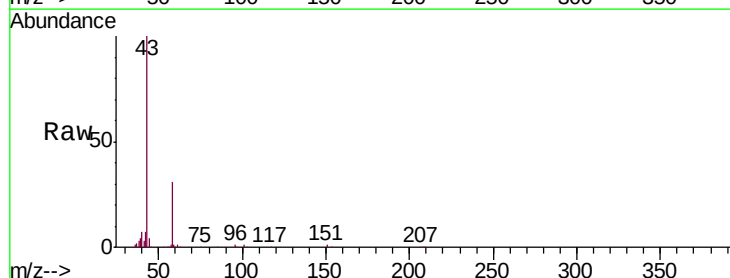
Acq: 15 Nov 2019 20:22

Tgt Ion: 43 Resp: 235628

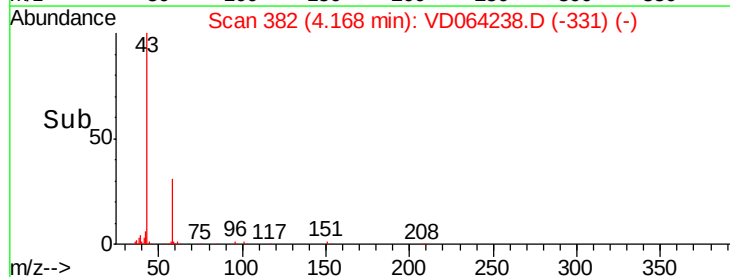
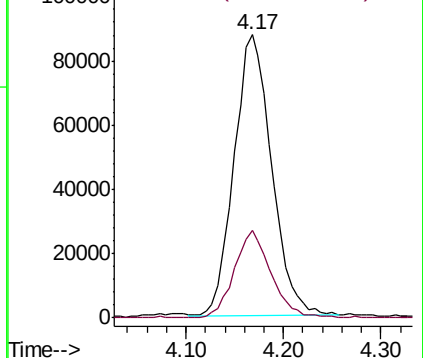
Ion Ratio Lower Upper

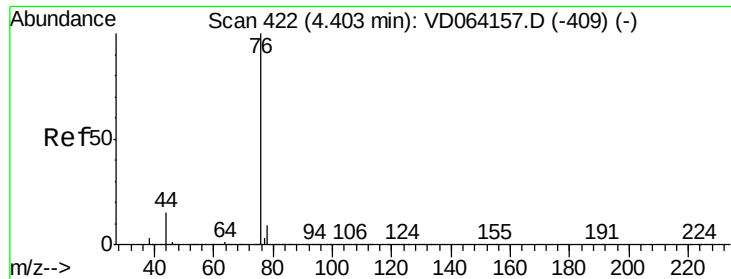
43 100

58 30.8 24.1 36.1



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

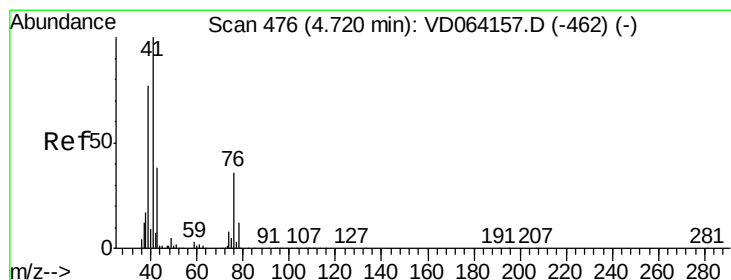
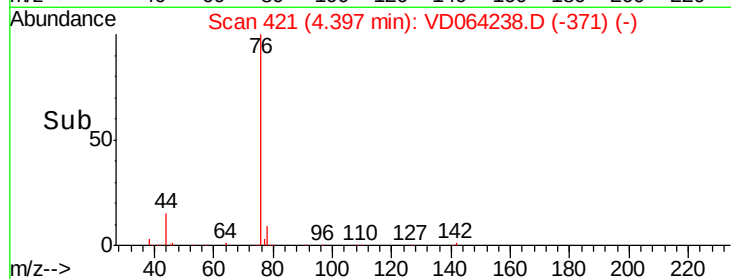
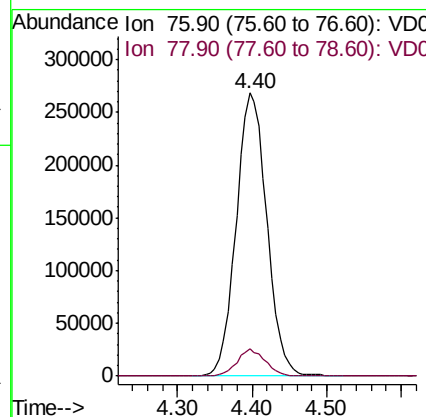
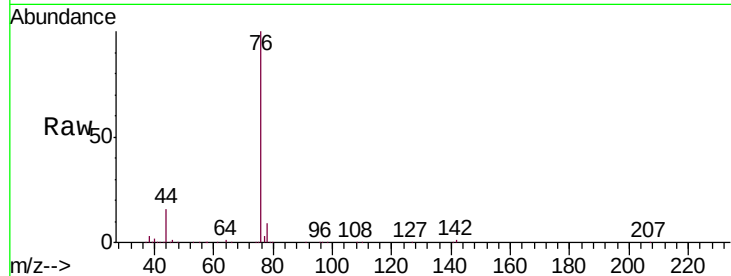




#17
Carbon Disulfide
Concen: 50.066 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

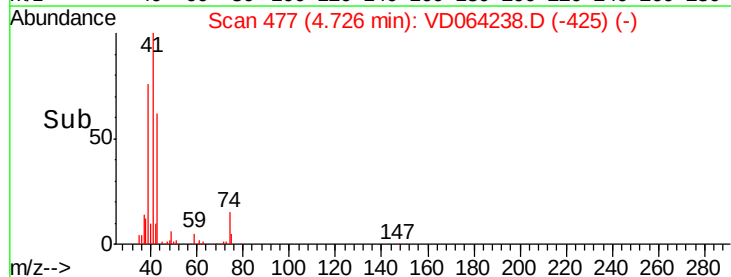
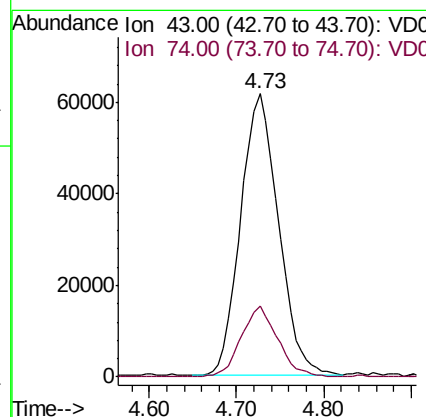
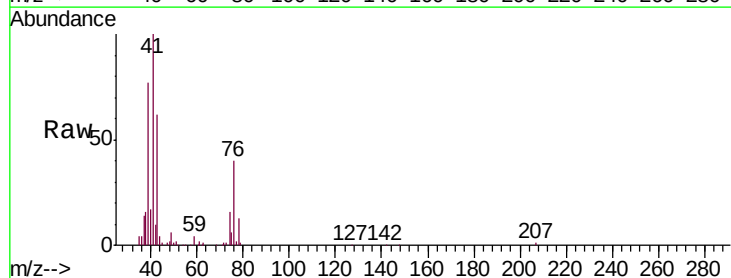
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

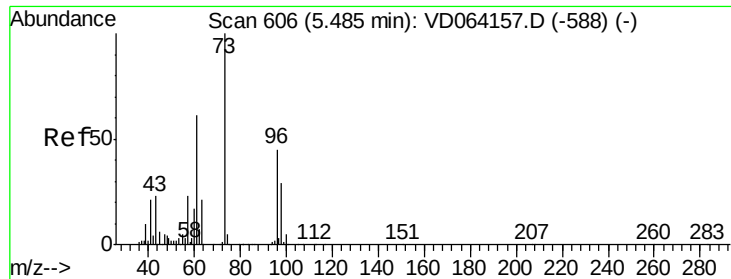
Tgt Ion: 76 Resp: 765214
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 57.051 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion: 43 Resp: 181331
Ion Ratio Lower Upper
43 100
74 24.2 18.4 27.6

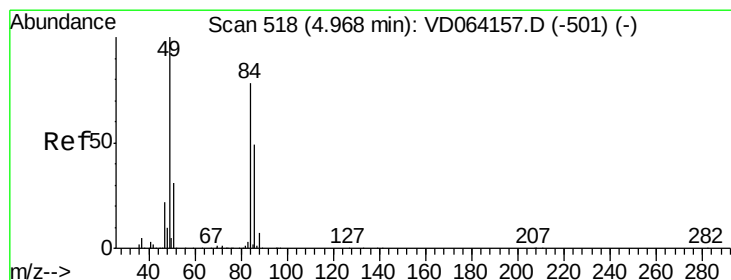
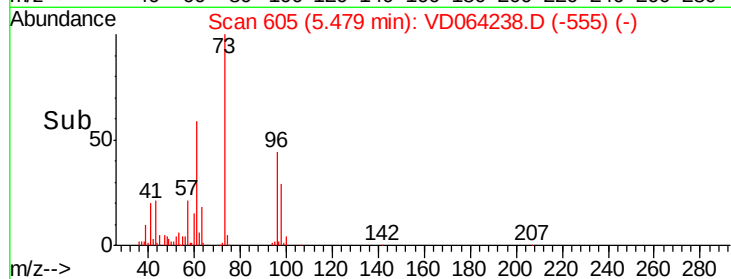
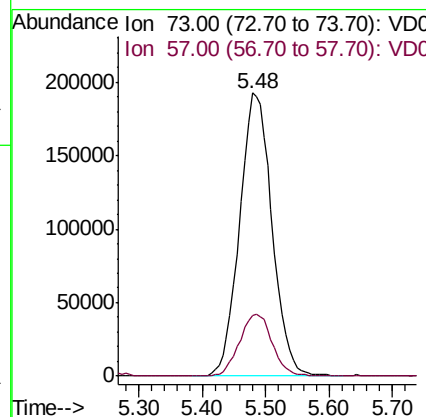
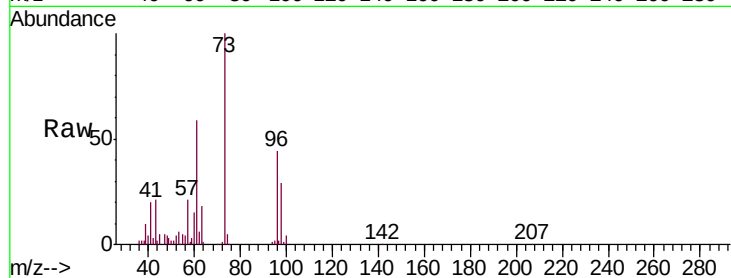




#19
Methyl tert-butyl Ether
Concen: 58.130 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

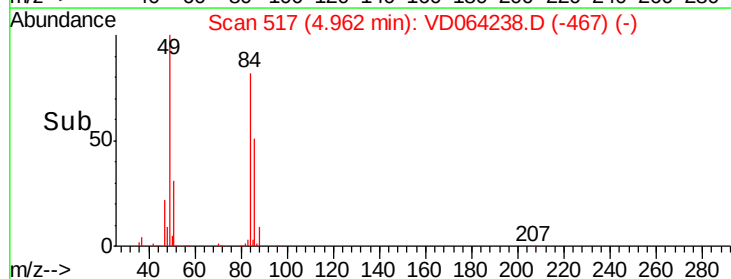
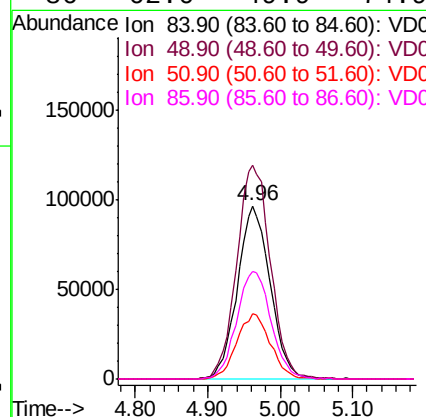
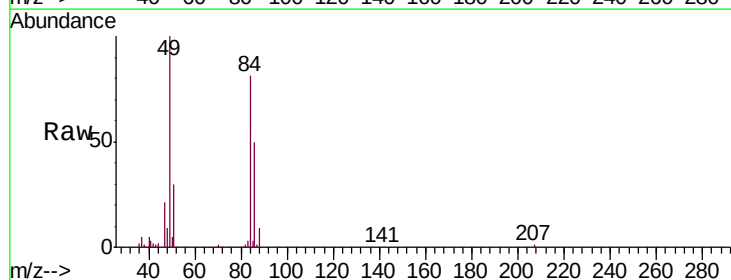
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

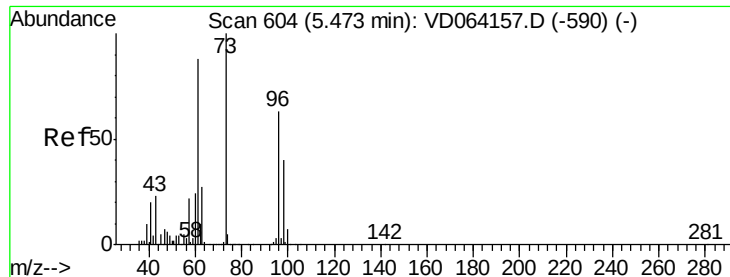
Tgt Ion: 73 Resp: 681066
Ion Ratio Lower Upper
73 100
57 21.2 18.4 27.6



#20
Methylene Chloride
Concen: 52.737 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion: 84 Resp: 303148
Ion Ratio Lower Upper
84 100
49 123.2 102.1 153.1
51 37.5 32.2 48.2
86 62.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.437 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

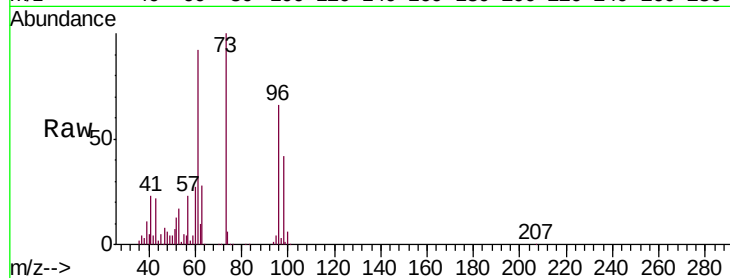
Tgt Ion: 96 Resp: 297131

Ion Ratio Lower Upper

96 100

61 139.0 111.8 167.6

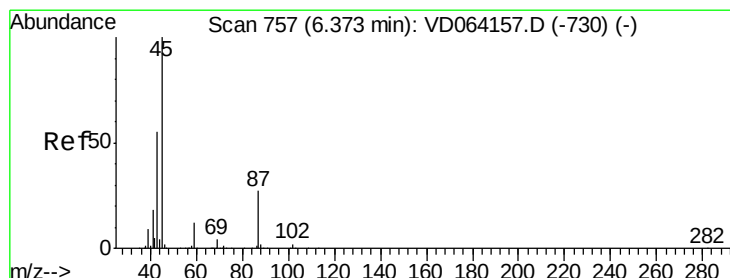
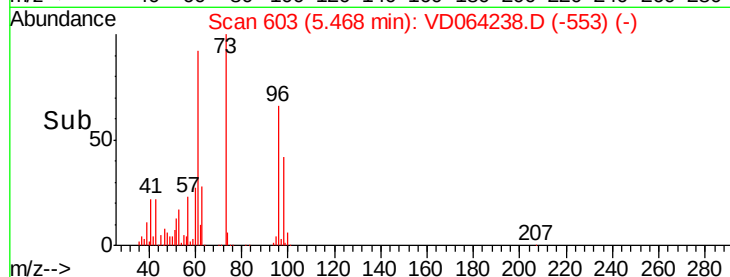
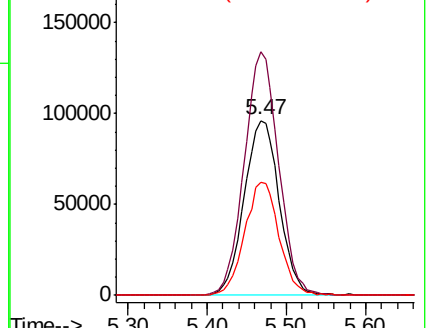
98 64.5 50.3 75.5



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: 56.204 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Tgt Ion: 45 Resp: 904904

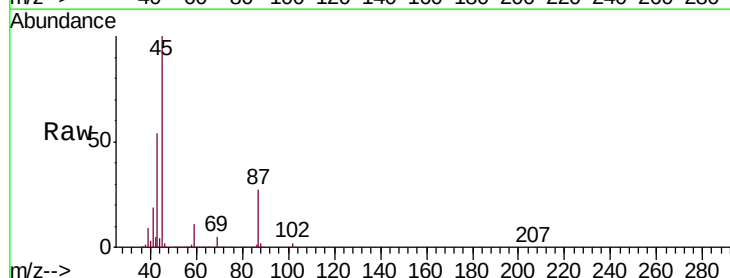
Ion Ratio Lower Upper

45 100

43 53.6 44.4 66.6

87 27.0 21.9 32.9

59 11.3 9.4 14.2

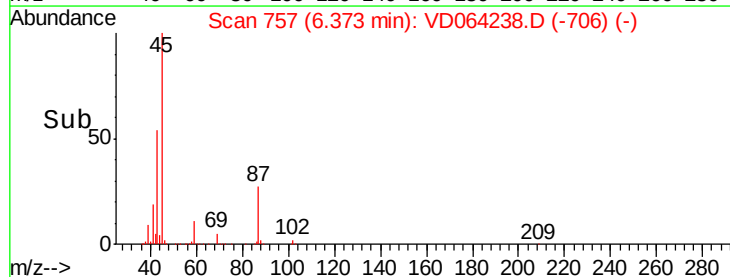
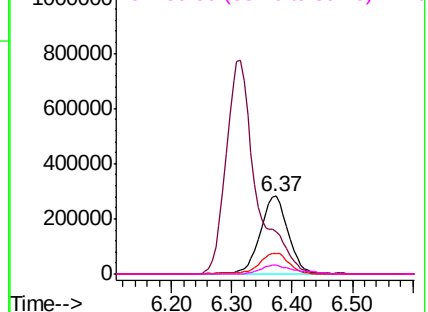


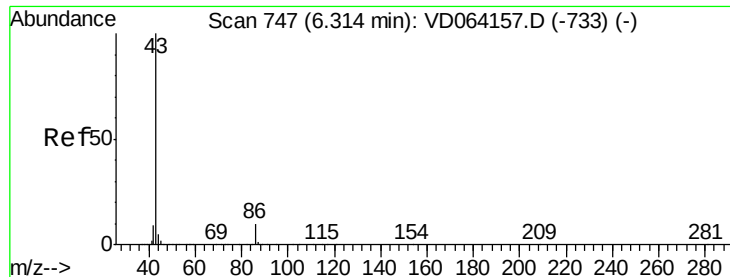
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 298.807 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

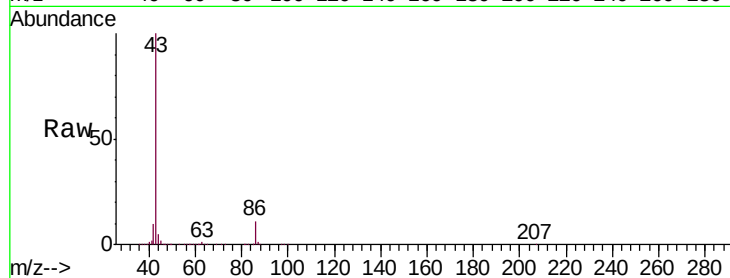
VSTDCCC050EC

Tgt Ion: 43 Resp: 2681719

Ion Ratio Lower Upper

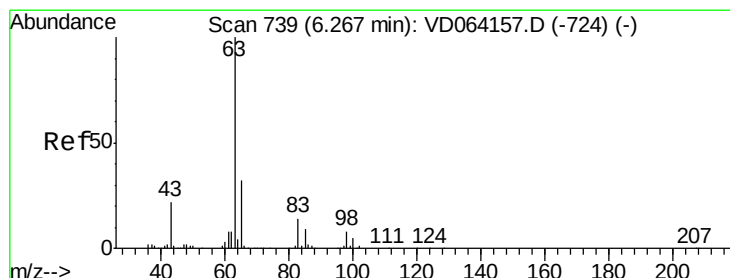
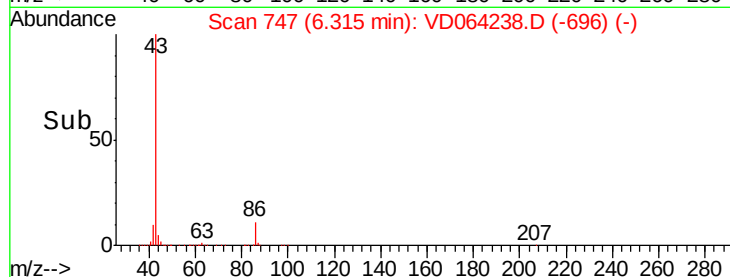
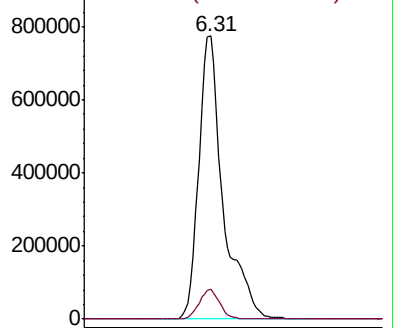
43 100

86 10.6 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 55.639 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

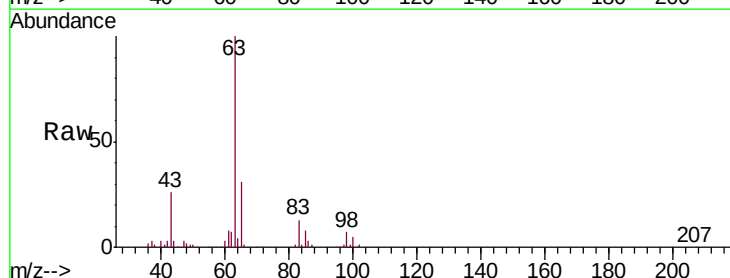
Tgt Ion: 63 Resp: 520130

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

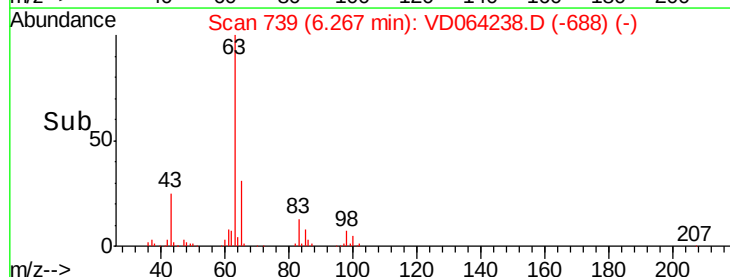
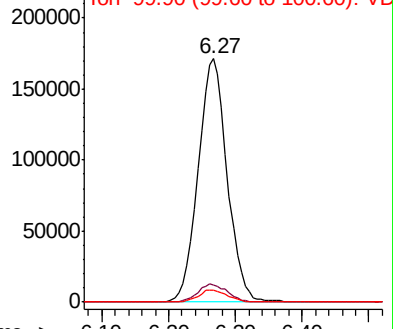
100 4.7 2.4 7.2

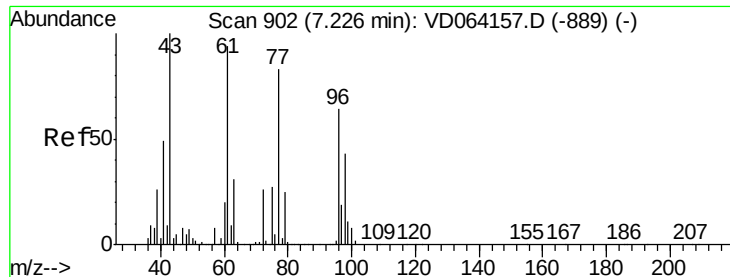


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 270.409 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

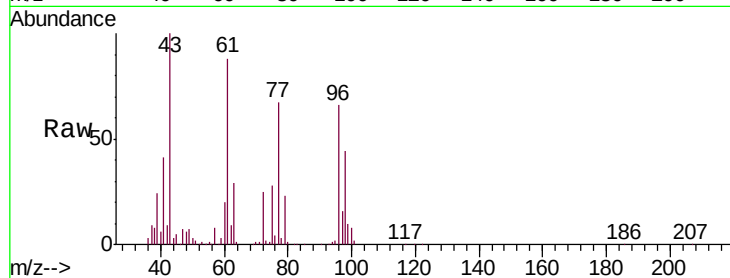
VSTDCCC050EC

Tgt Ion: 43 Resp: 397560

Ion Ratio Lower Upper

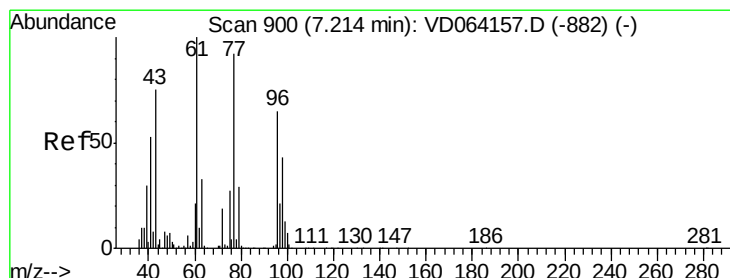
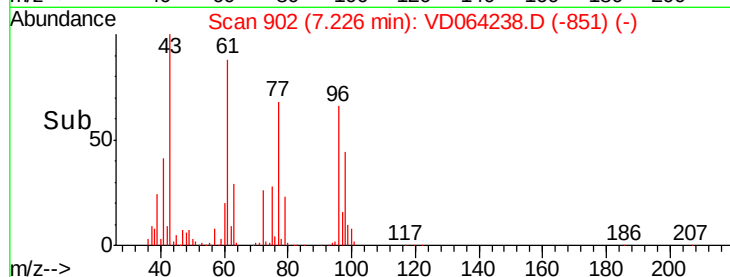
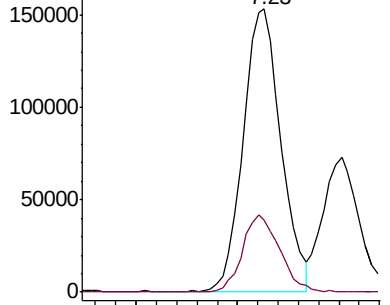
43 100

72 25.5 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.087 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064238.D

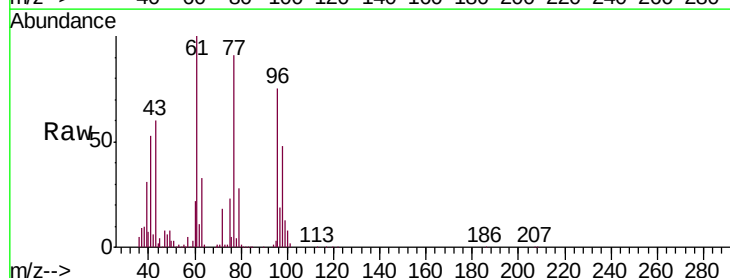
Acq: 15 Nov 2019 20:22

Tgt Ion: 77 Resp: 440851

Ion Ratio Lower Upper

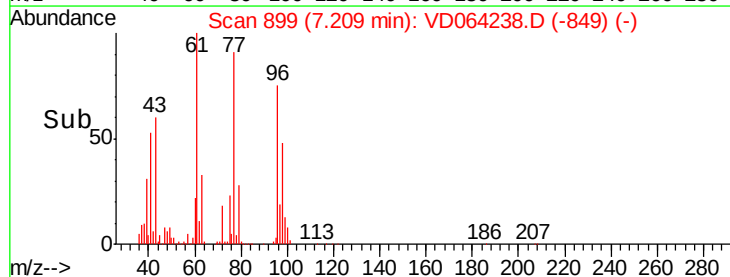
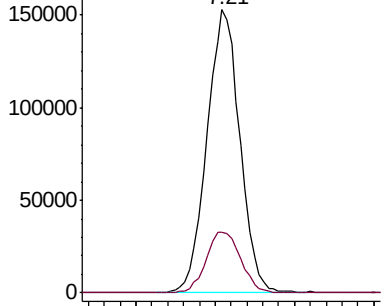
77 100

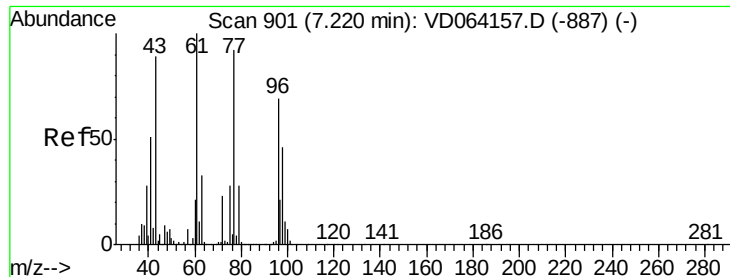
97 22.6 11.1 33.3



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: 57.799 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

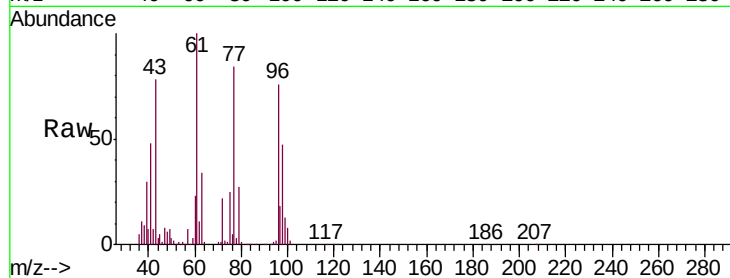
Tgt Ion: 96 Resp: 344653

Ion Ratio Lower Upper

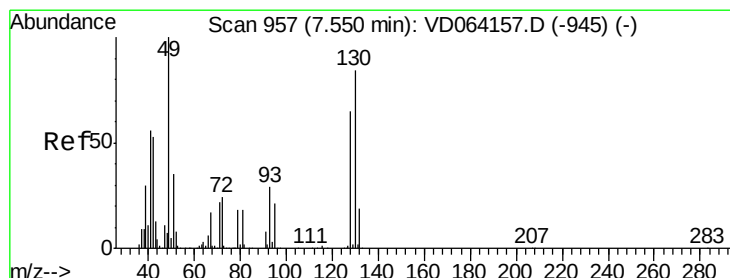
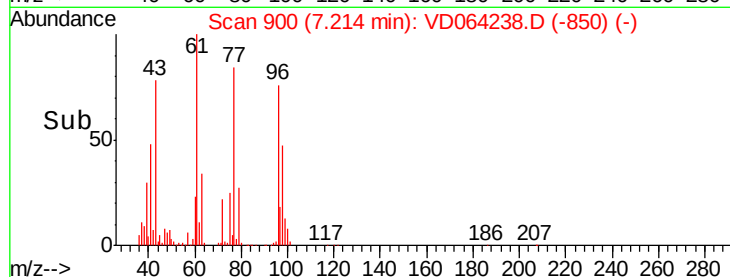
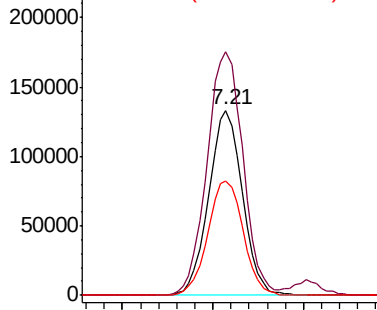
96 100

61 140.4 0.0 301.4

98 64.9 0.0 133.2



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



#28

Bromochloromethane

Concen: 61.202 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

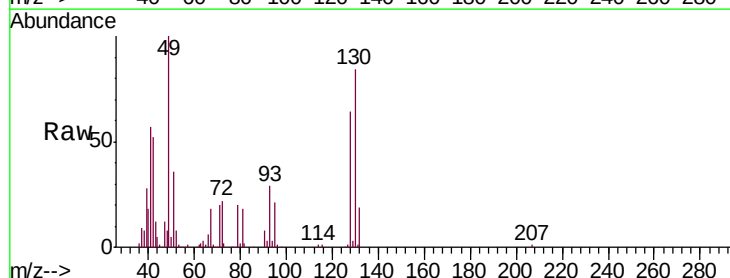
Tgt Ion: 49 Resp: 199190

Ion Ratio Lower Upper

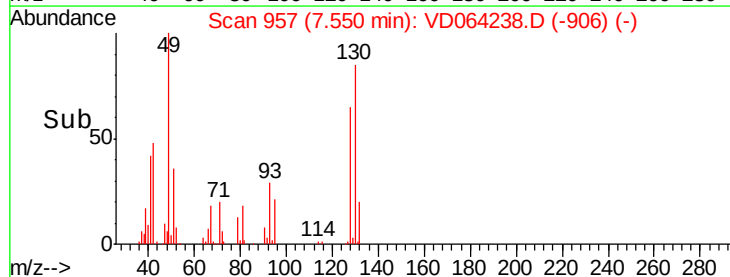
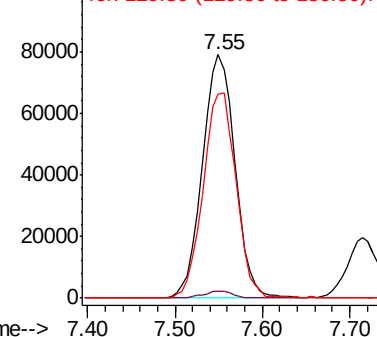
49 100

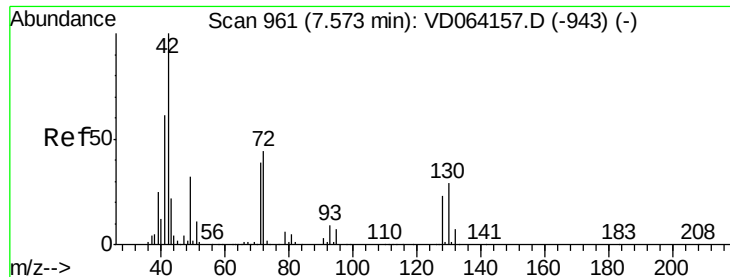
129 2.3 0.0 4.4

130 84.9 66.8 100.2



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 292.961 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

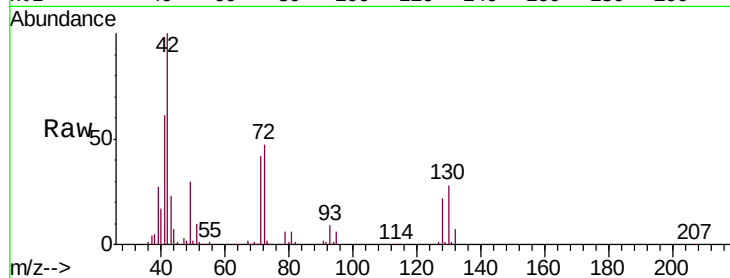
Tgt Ion: 42 Resp: 258783

Ion Ratio Lower Upper

42 100

72 44.0 33.4 50.2

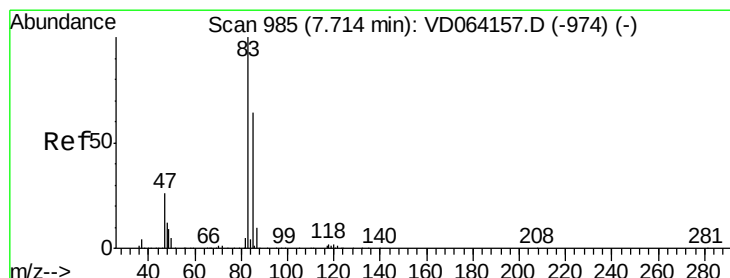
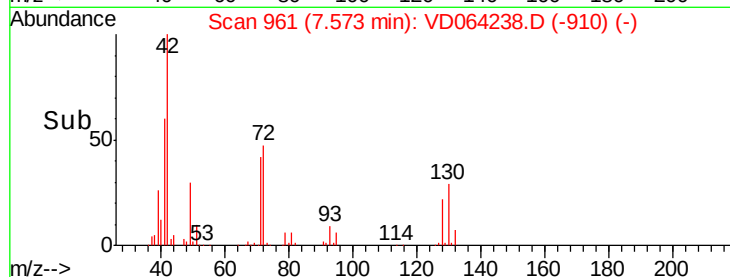
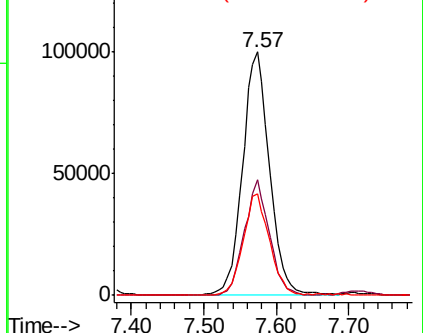
71 40.3 31.0 46.4



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: 57.994 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064238.D

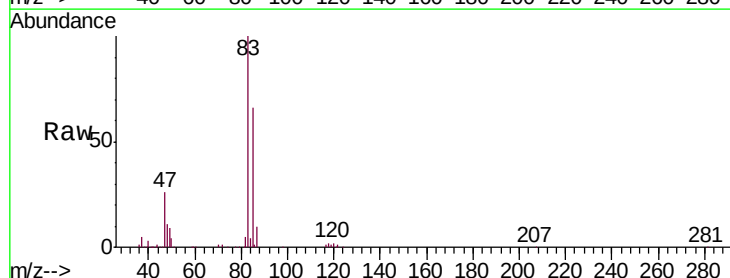
Acq: 15 Nov 2019 20:22

Tgt Ion: 83 Resp: 554566

Ion Ratio Lower Upper

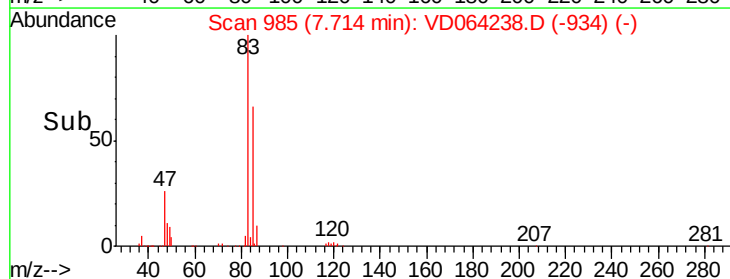
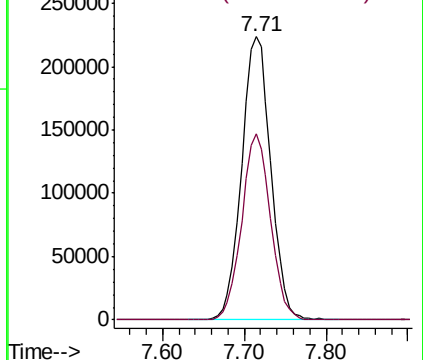
83 100

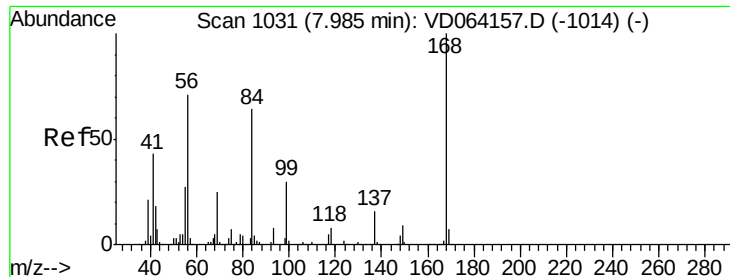
85 65.7 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

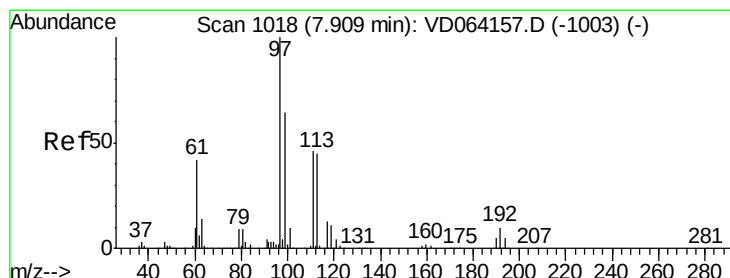
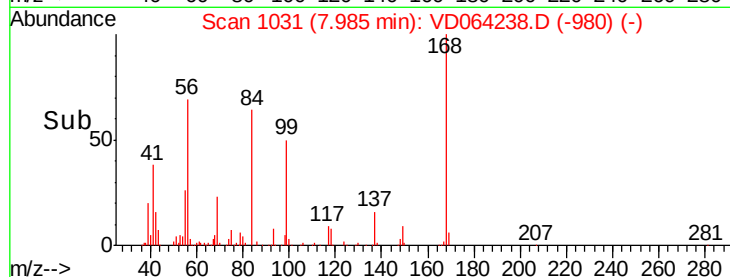
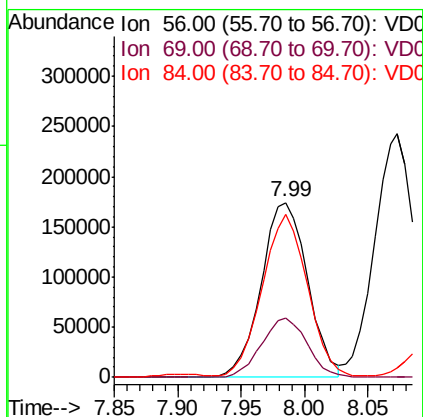
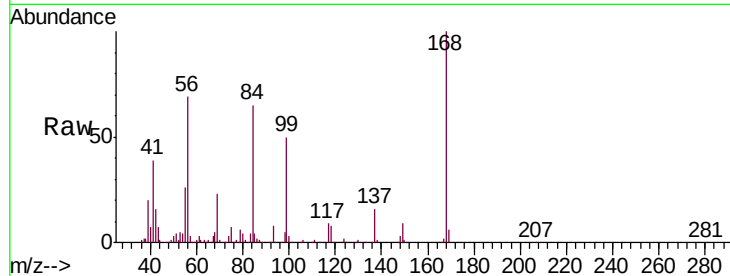




#31
Cyclohexane
Concen: 46.795 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

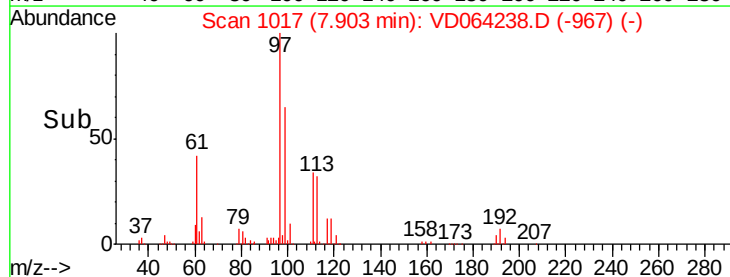
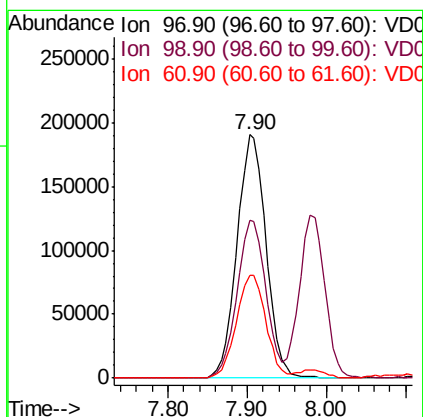
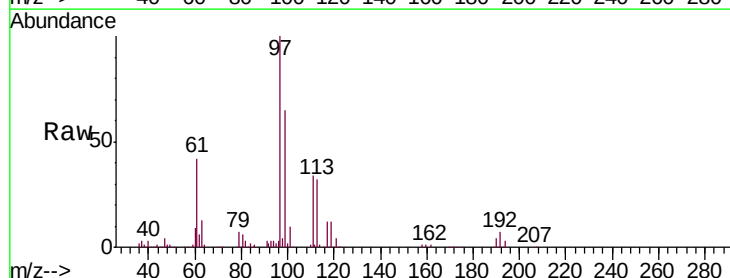
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

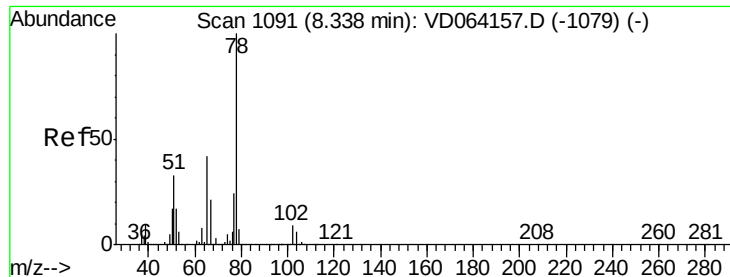
Tgt Ion: 56 Resp: 441188
Ion Ratio Lower Upper
56 100
69 33.8 28.2 42.4
84 91.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 52.979 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion: 97 Resp: 485086
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 43.0 34.2 51.2

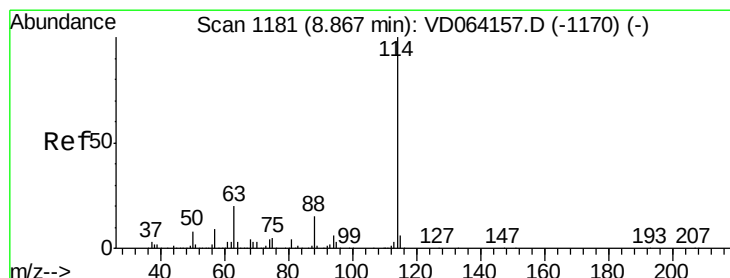
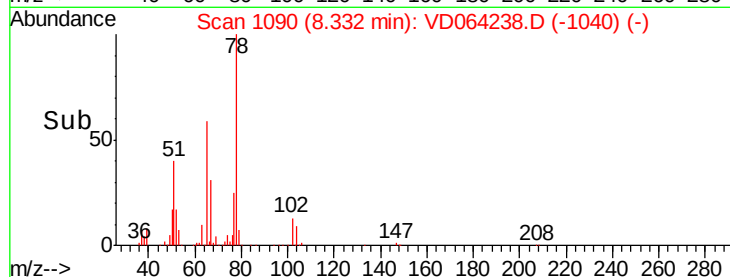
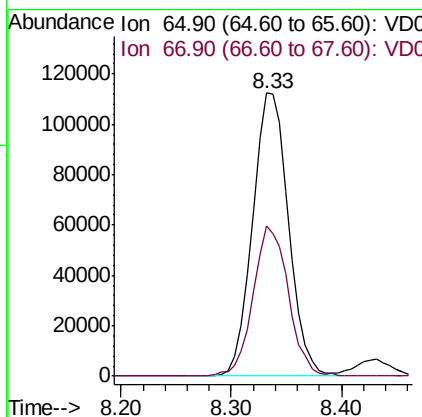
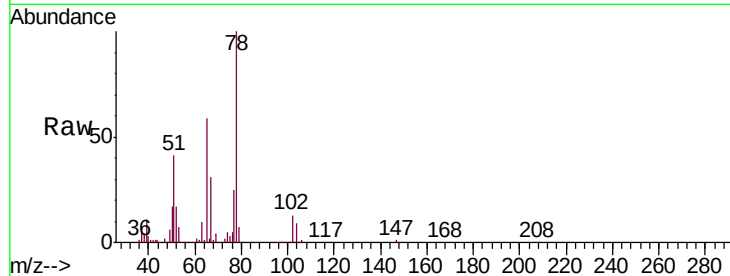




#33
 1,2-Dichloroethane-d4
 Concen: 53.413 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

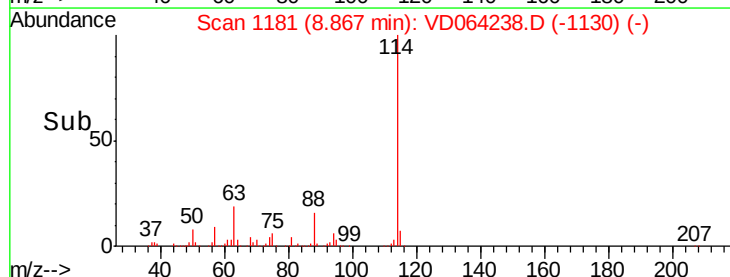
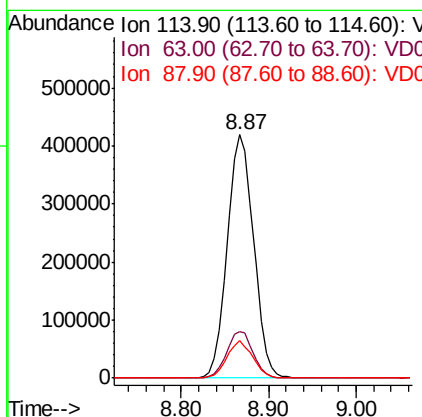
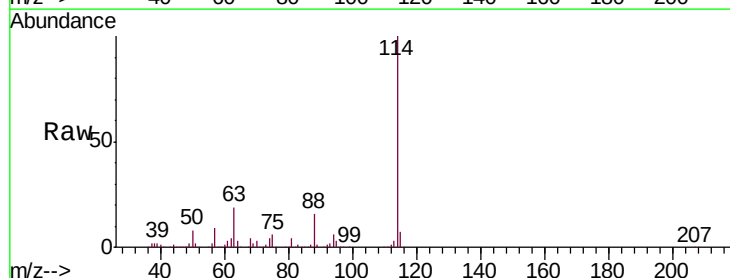
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

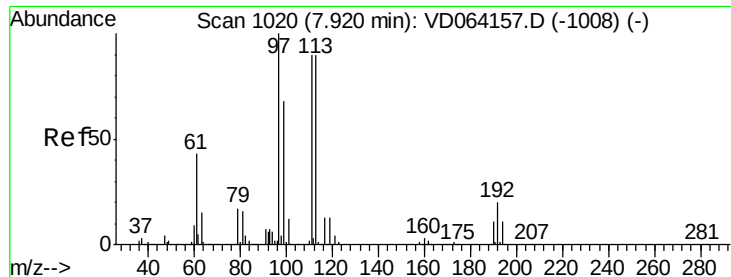
Tgt Ion: 65 Resp: 256575
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Tgt Ion: 114 Resp: 862157
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.5 0.0 30.2

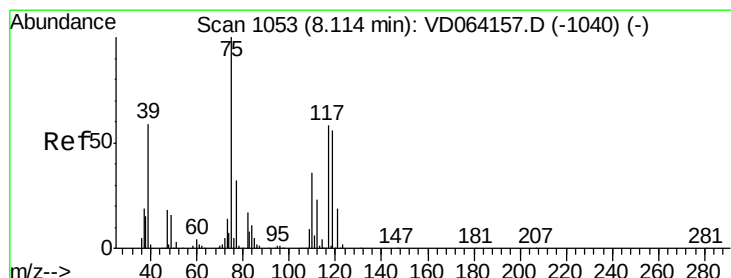
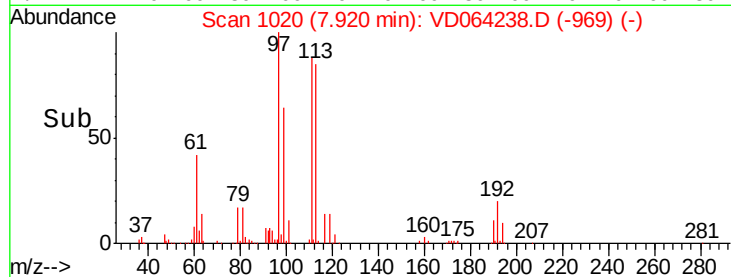
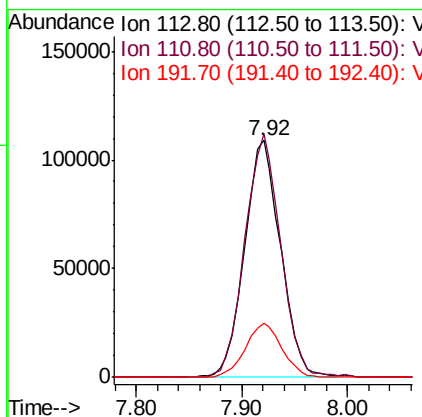
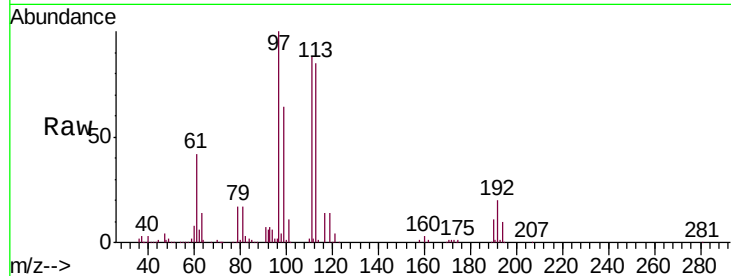




#35
 Dibromofluoromethane
 Concen: 52.218 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

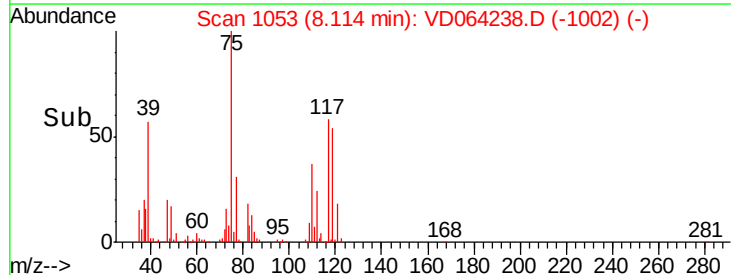
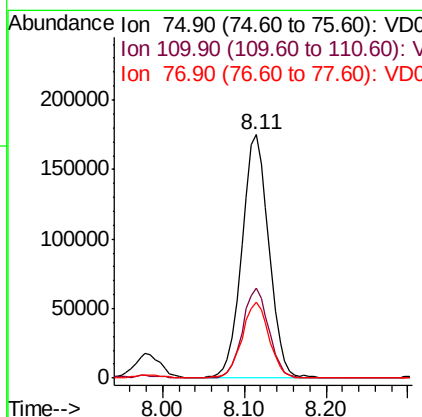
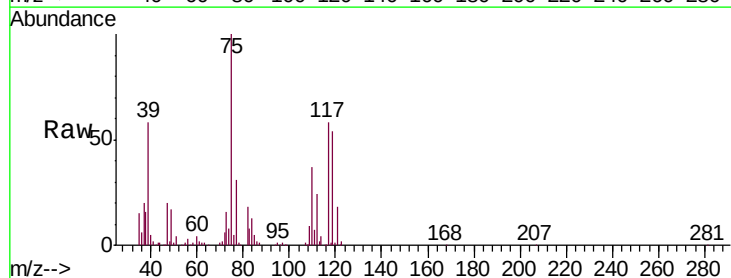
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

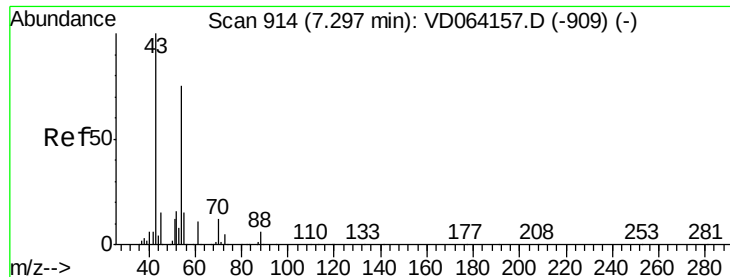
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	23.2	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 50.441 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.3	54.9
77	31.3	25.0	37.6

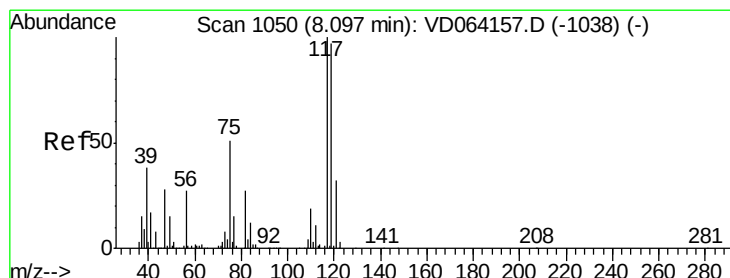
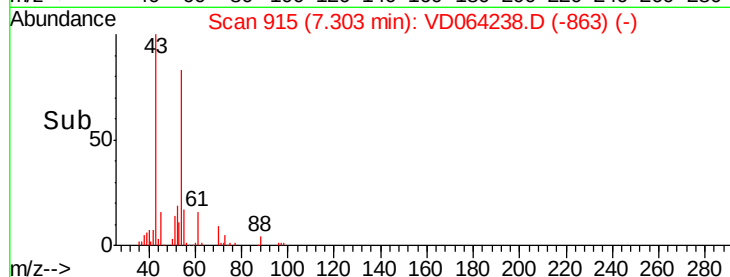
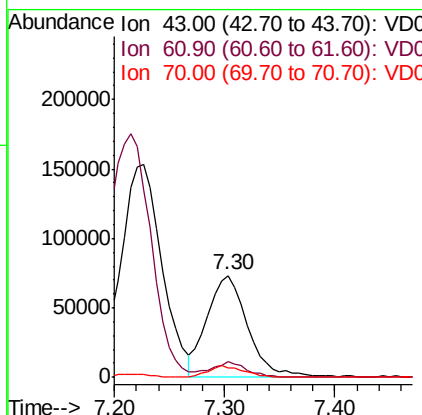
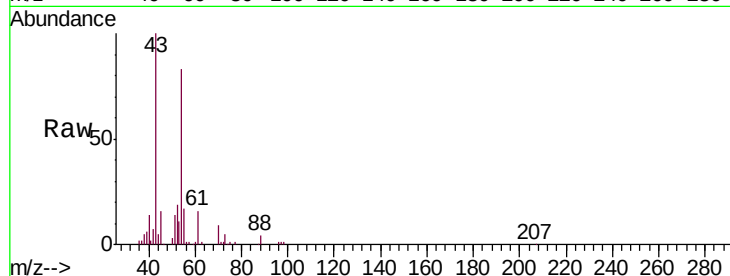




#37
Ethyl Acetate
Concen: 54.591 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

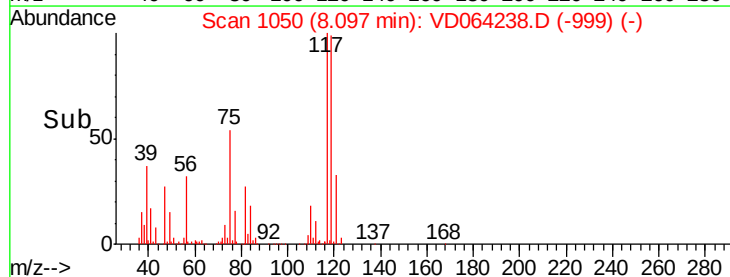
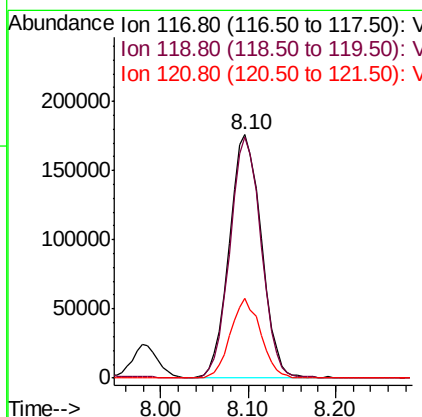
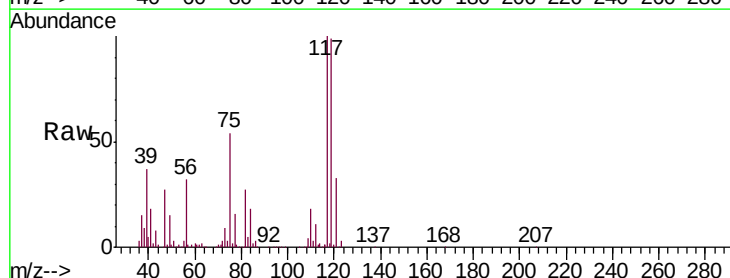
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

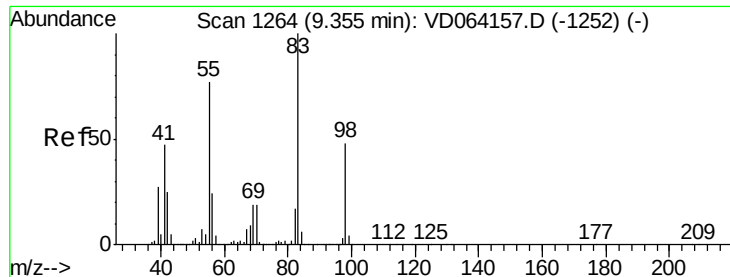
Tgt Ion: 43 Resp: 183123
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.2
70 10.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 51.234 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion: 117 Resp: 436212
Ion Ratio Lower Upper
117 100
119 99.1 77.2 115.8
121 32.8 25.5 38.3

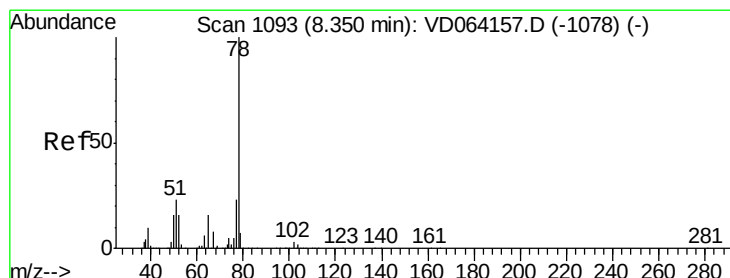
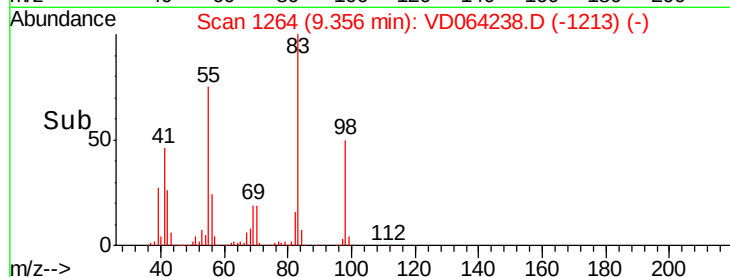
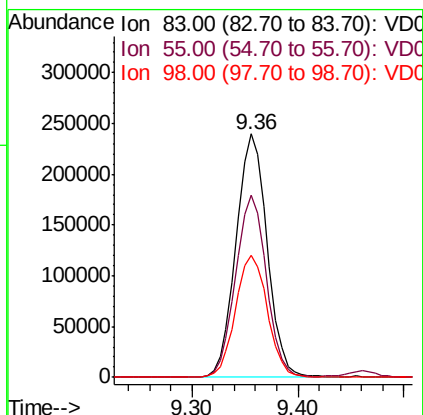
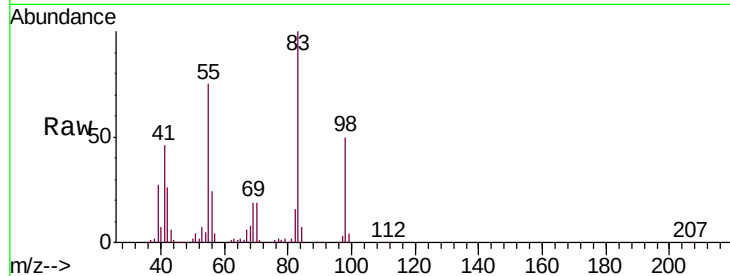




#39
Methylcyclohexane
Concen: 48.567 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

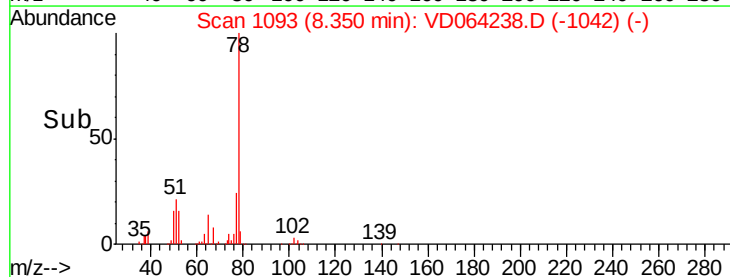
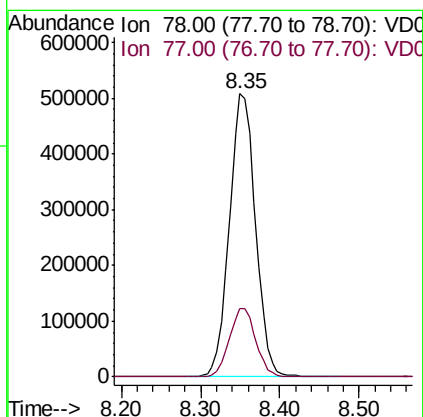
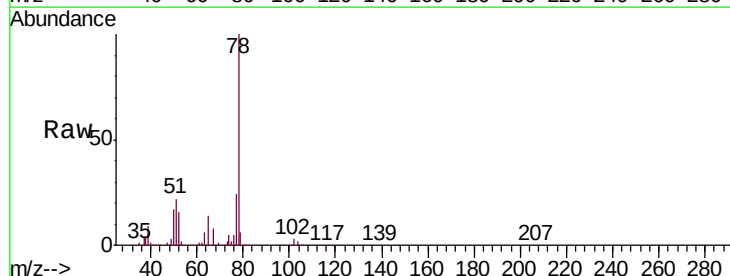
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

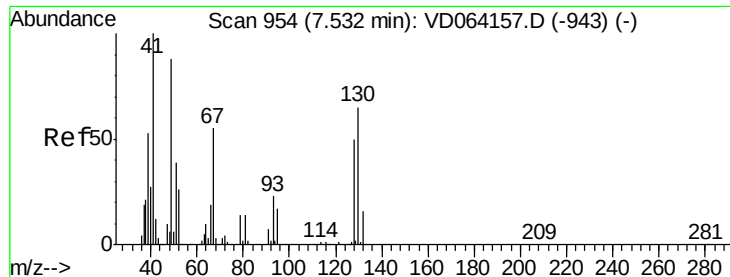
Tgt Ion: 83 Resp: 488993
Ion Ratio Lower Upper
83 100
55 75.0 61.7 92.5
98 50.2 38.6 58.0



#40
Benzene
Concen: 53.171 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion: 78 Resp: 1156273
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0

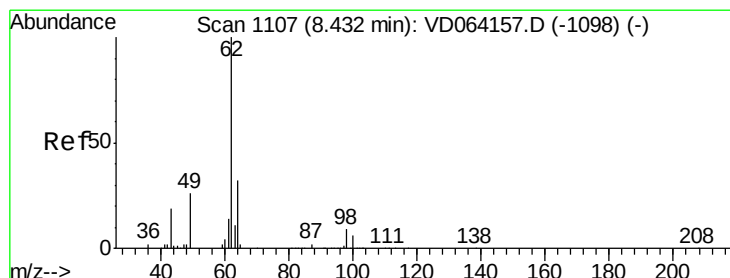
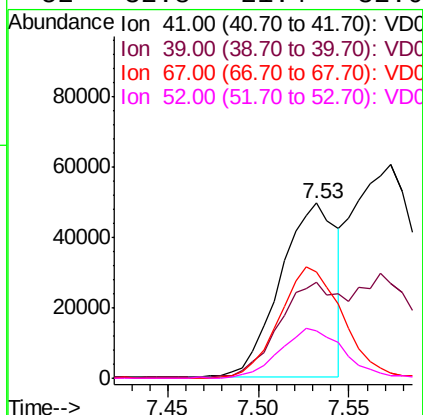
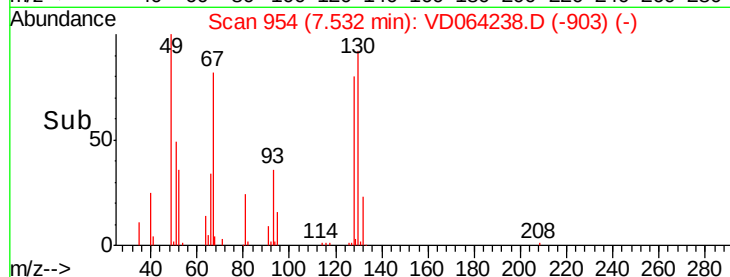
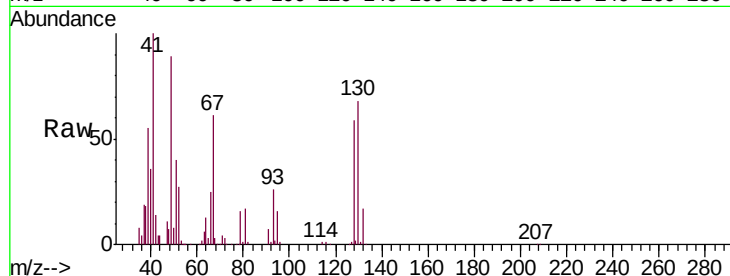




#41
Methacrylonitrile
Concen: 50.925 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

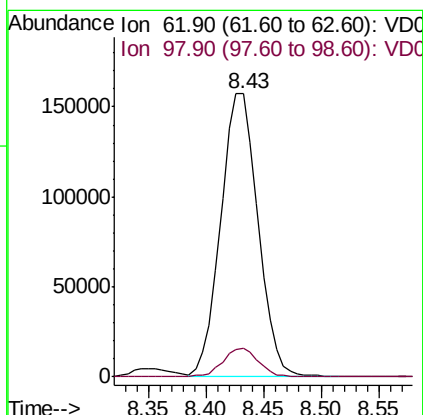
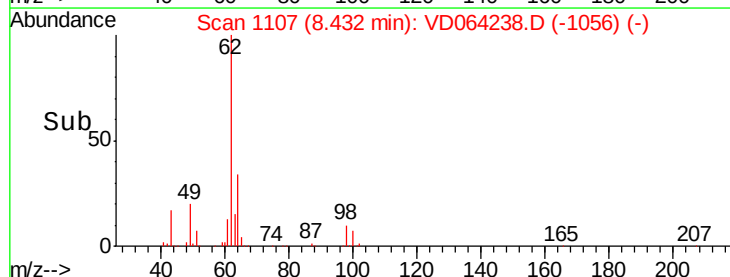
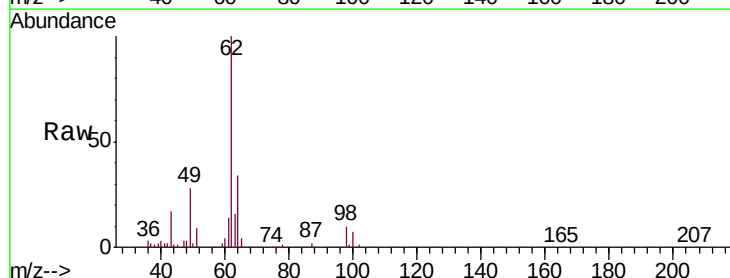
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

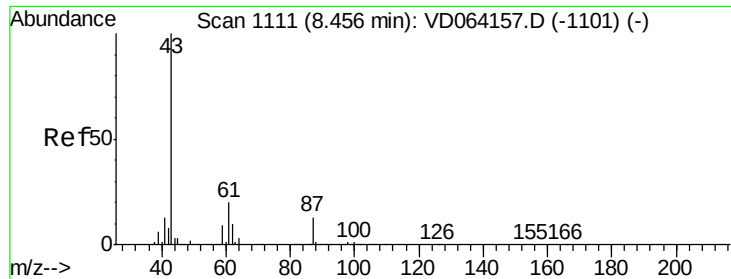
Tgt Ion:	41	Resp:	107367
Ion	Ratio	Lower	Upper
41	100		
39	62.3	49.4	74.2
67	72.2	49.6	74.4
52	32.8	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 53.835 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion:	62	Resp:	351617
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.0





#43

Isopropyl Acetate

Concen: 55.116 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

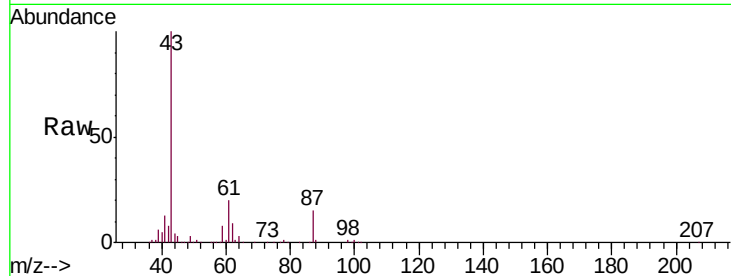
Tgt Ion: 43 Resp: 380937

Ion Ratio Lower Upper

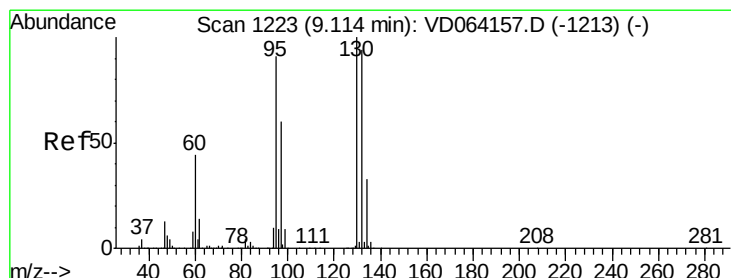
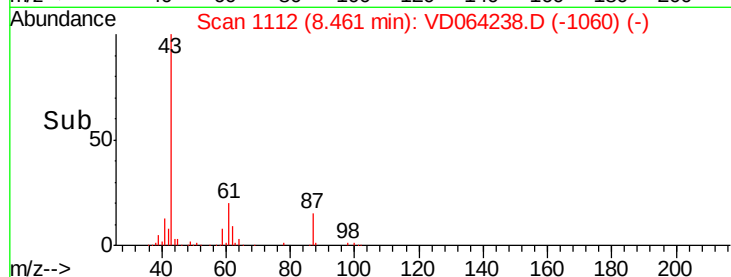
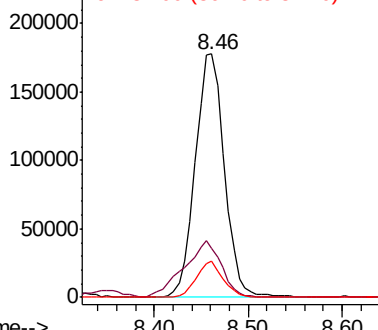
43 100

61 29.6 22.9 34.3

87 13.5 10.2 15.2



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: 52.849 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD064238.D

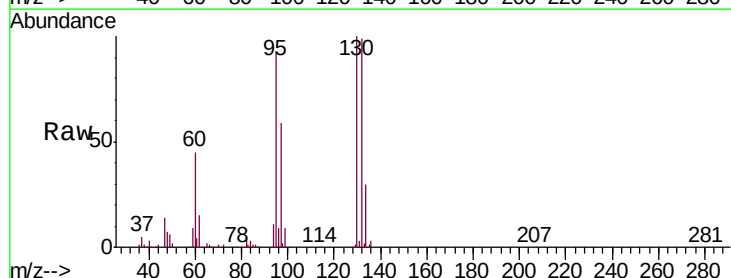
Acq: 15 Nov 2019 20:22

Tgt Ion: 130 Resp: 344935

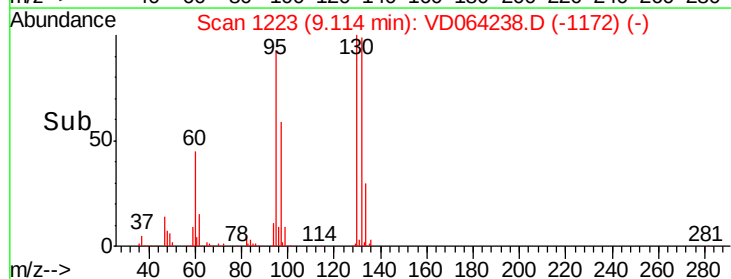
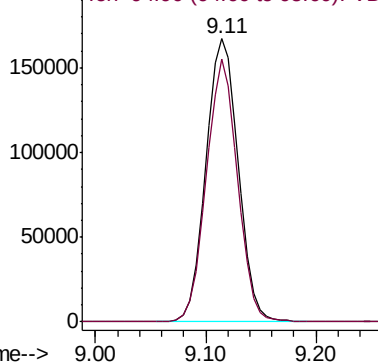
Ion Ratio Lower Upper

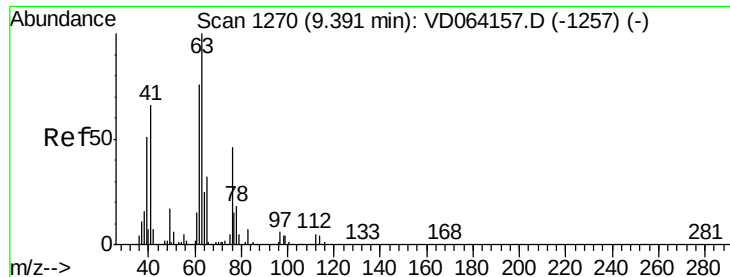
130 100

95 93.0 0.0 181.6



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

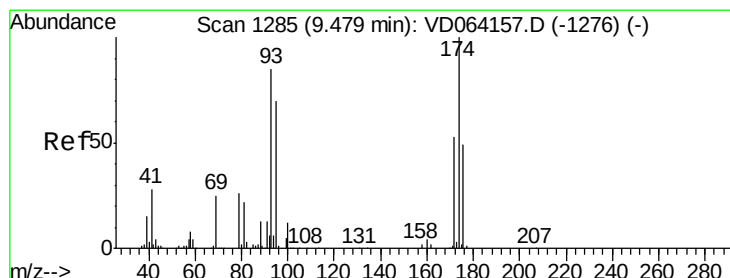
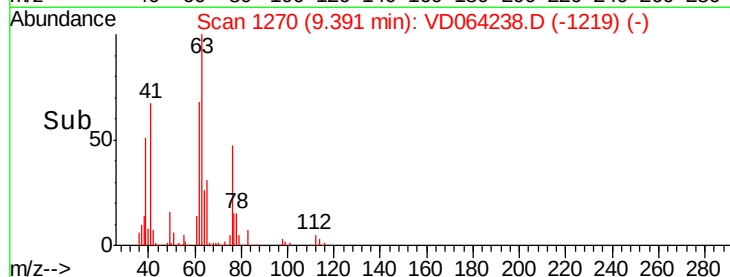
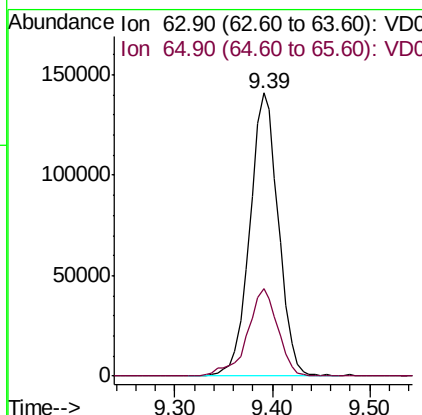
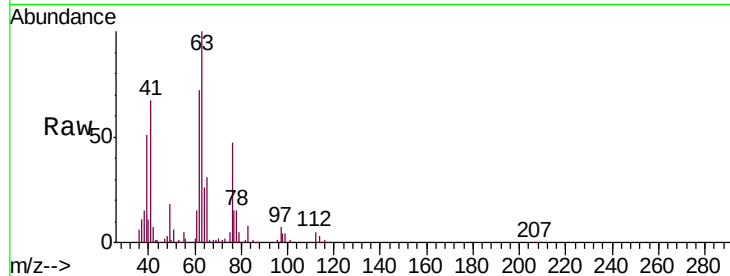




#45
 1,2-Dichloropropane
 Concen: 54.873 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

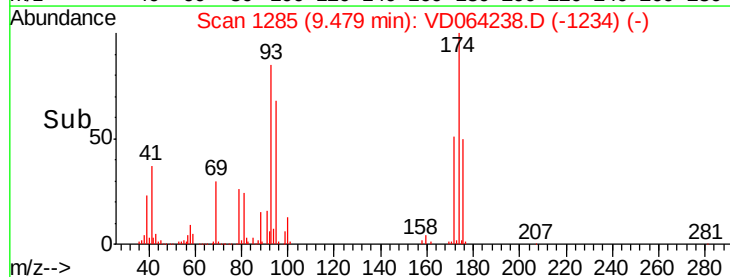
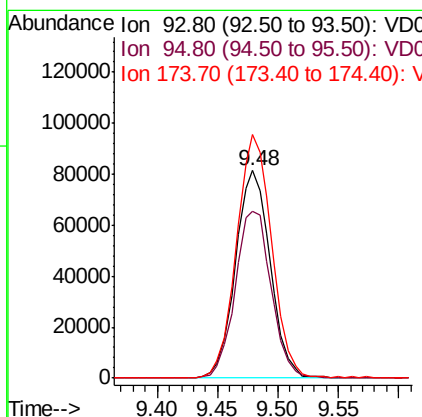
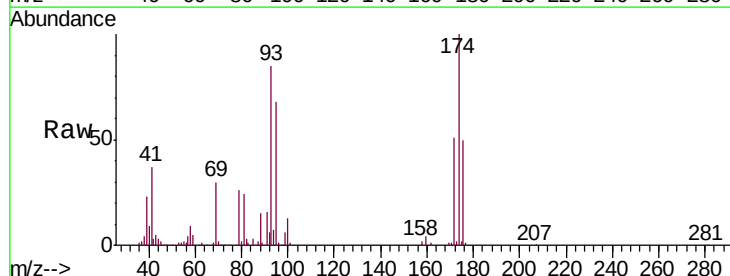
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

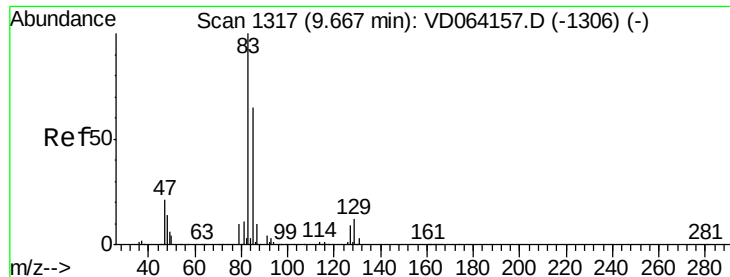
Tgt Ion: 63 Resp: 290448
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.7 38.5



#46
 Dibromomethane
 Concen: 57.686 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Tgt Ion: 93 Resp: 163464
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.5 98.3
 174 118.5 93.9 140.9





#47

Bromodichloromethane

Concen: 56.992 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

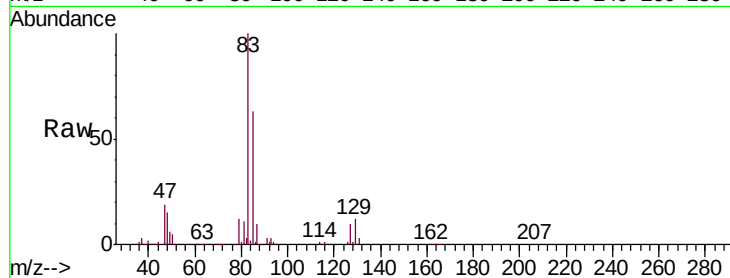
Tgt Ion: 83 Resp: 435007

Ion Ratio Lower Upper

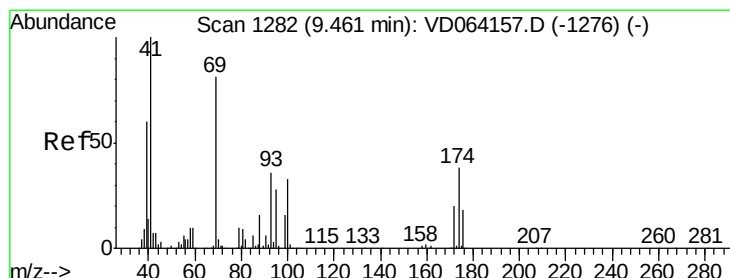
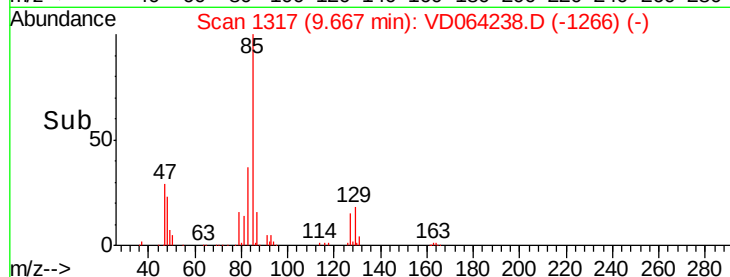
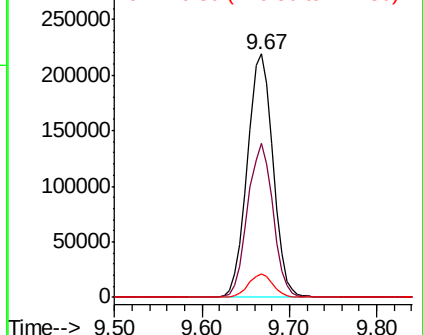
83 100

85 63.2 52.2 78.4

127 9.7 7.5 11.3



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): VDC



#48

Methyl methacrylate

Concen: 53.783 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

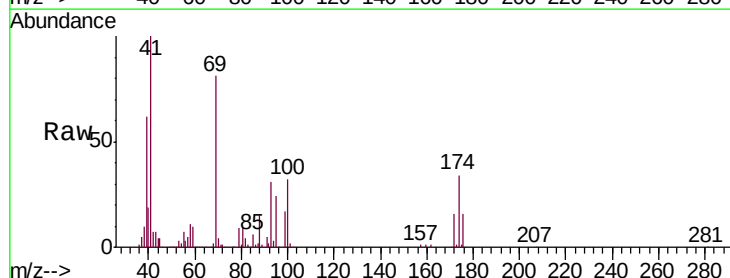
Tgt Ion: 41 Resp: 181765

Ion Ratio Lower Upper

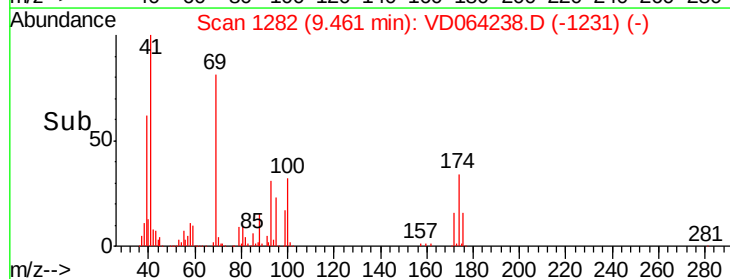
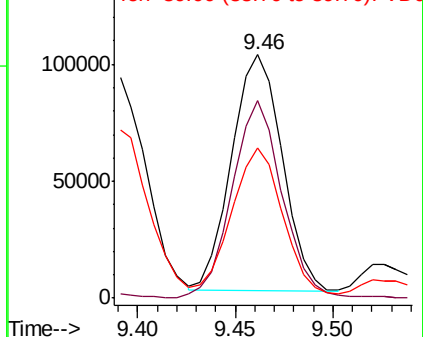
41 100

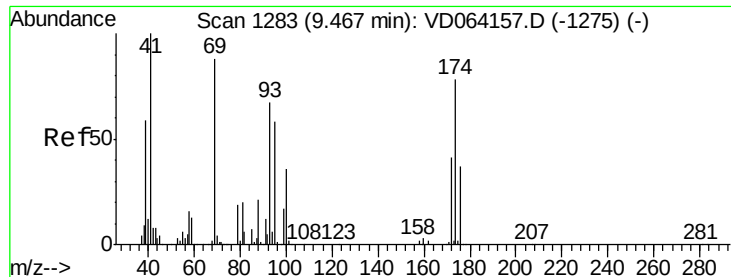
69 82.1 64.6 97.0

39 65.2 48.2 72.2



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

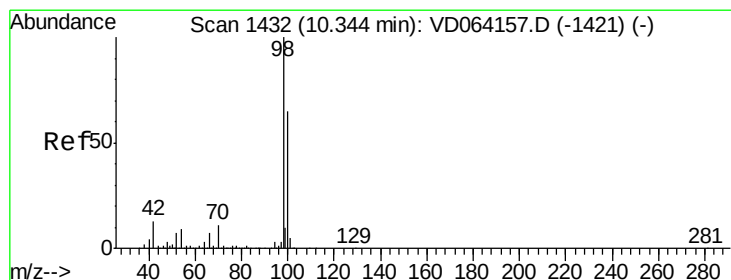
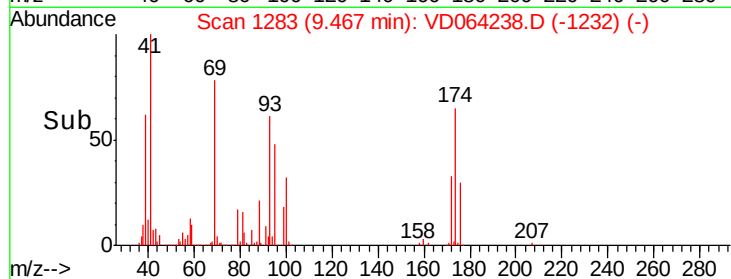
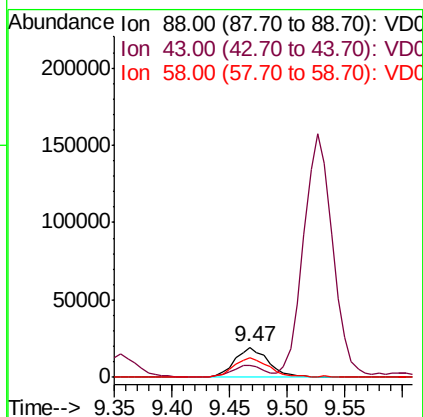
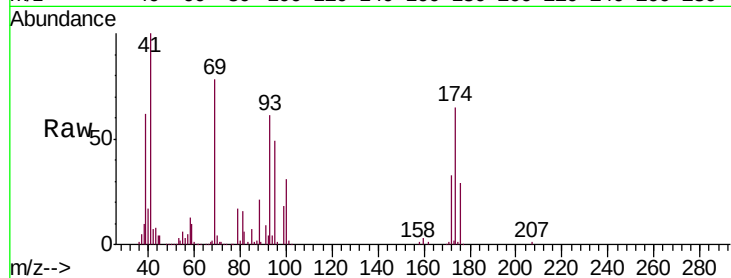




#49
1,4-Dioxane
Concen: 1158.400 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

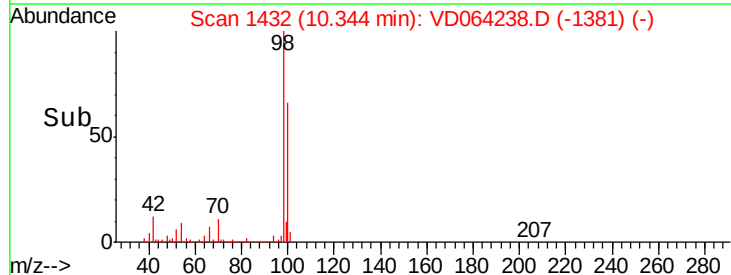
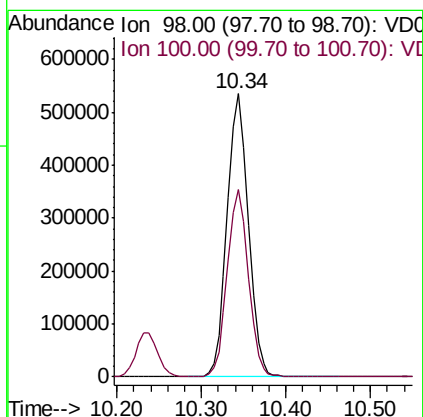
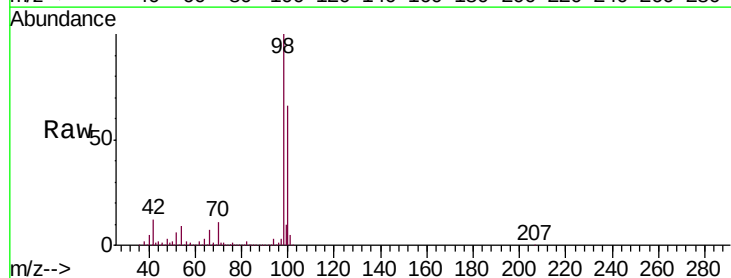
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

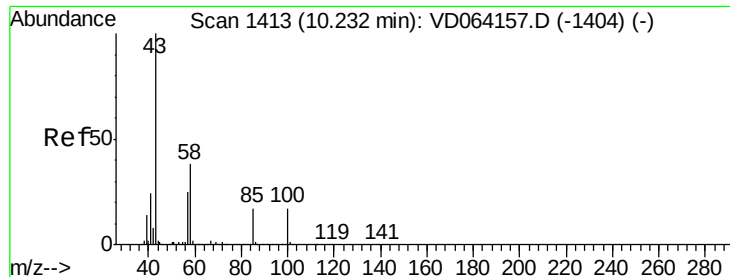
Tgt Ion: 88 Resp: 39423
Ion Ratio Lower Upper
88 100
43 36.9 29.8 44.8
58 70.3 58.1 87.1



#50
Toluene-d8
Concen: 49.818 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion: 98 Resp: 930066
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

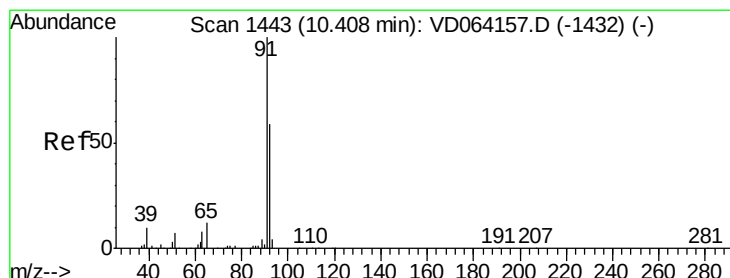
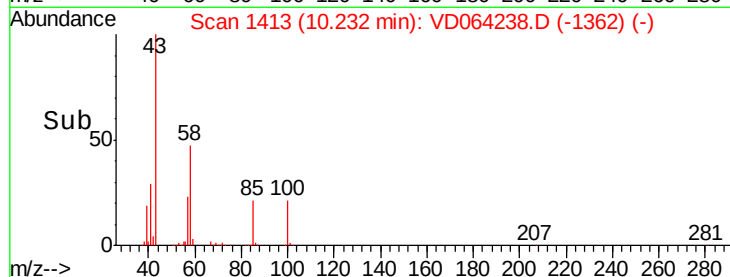
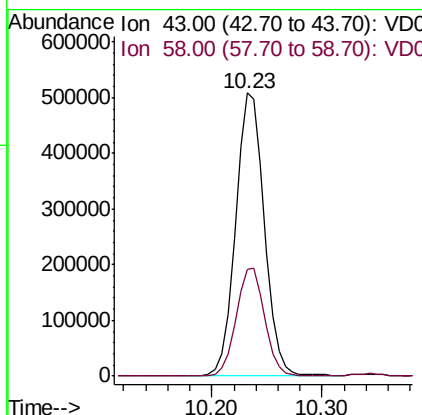
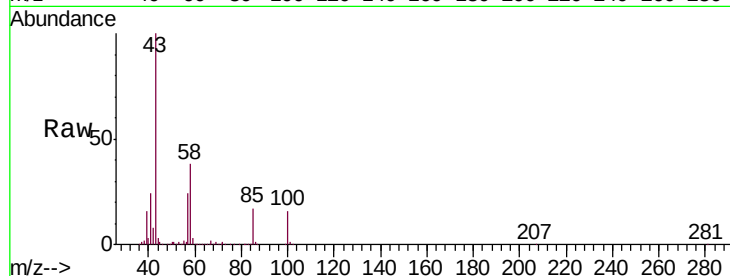




#51
 4-Methyl-2-Pentanone
 Concen: 278.729 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

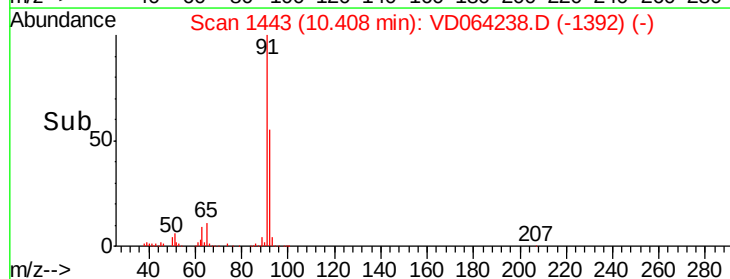
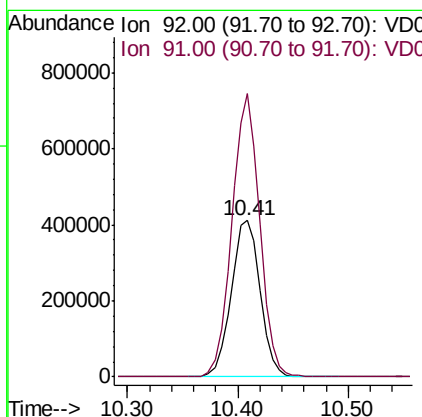
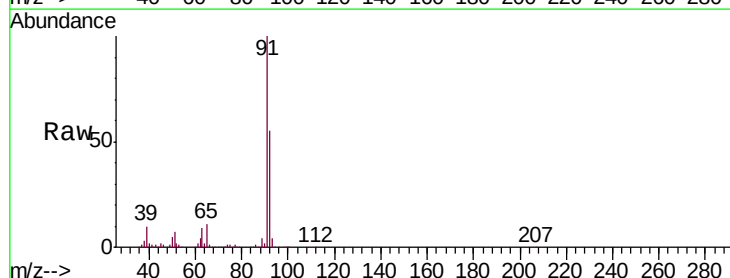
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

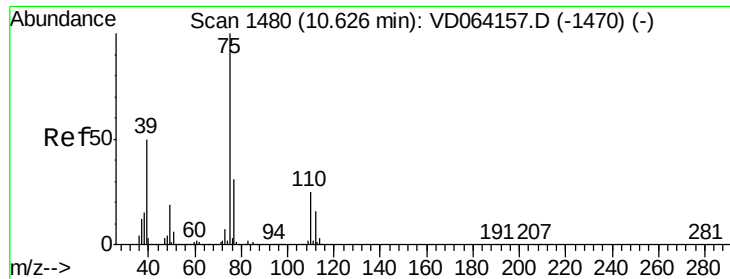
Tgt Ion: 43 Resp: 923820
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.2 45.4



#52
 Toluene
 Concen: 52.813 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Tgt Ion: 92 Resp: 755207
 Ion Ratio Lower Upper
 92 100
 91 173.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 54.199 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

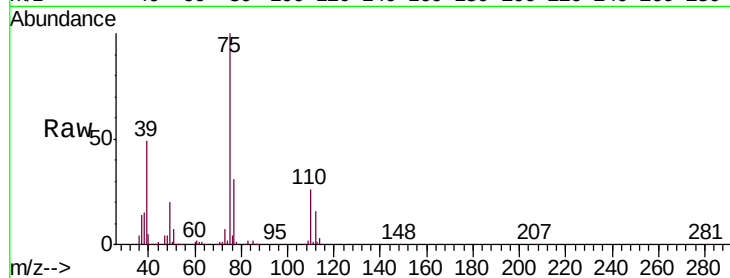
VSTDCCC050EC

Tgt Ion: 75 Resp: 414456

Ion Ratio Lower Upper

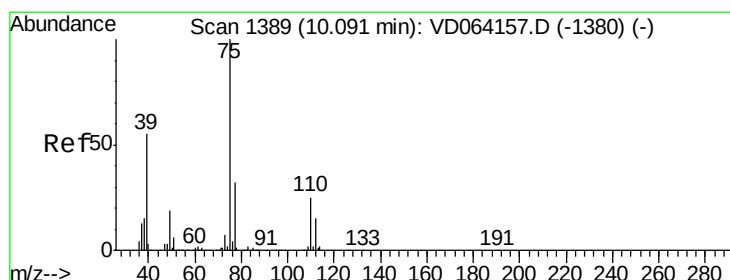
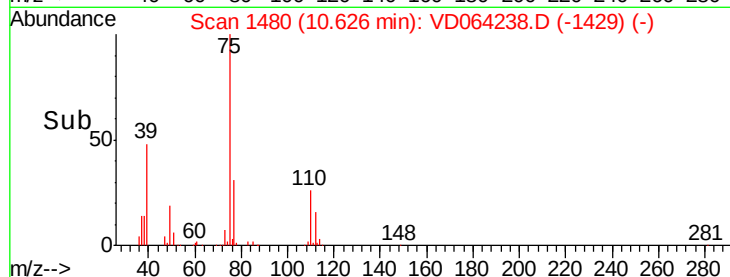
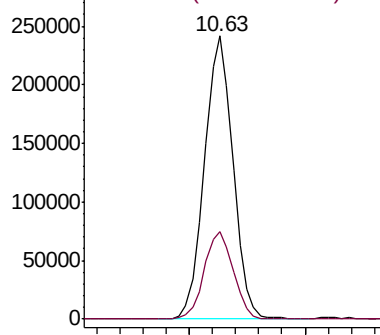
75 100

77 30.8 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 54.116 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

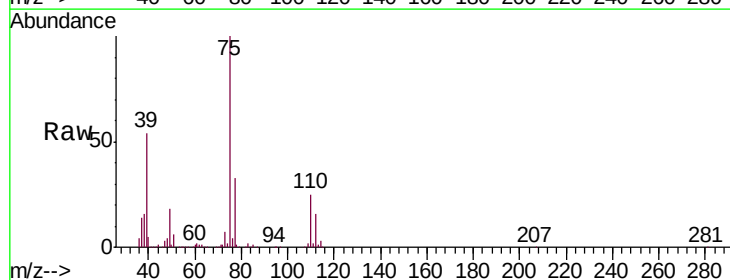
Tgt Ion: 75 Resp: 482894

Ion Ratio Lower Upper

75 100

77 32.6 25.2 37.8

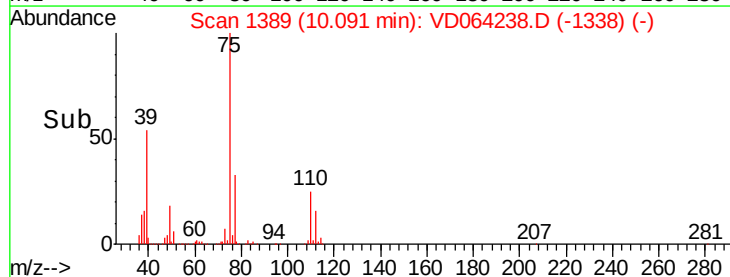
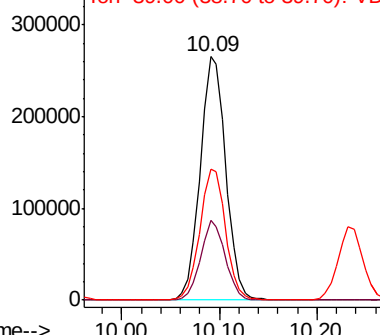
39 53.7 44.2 66.2

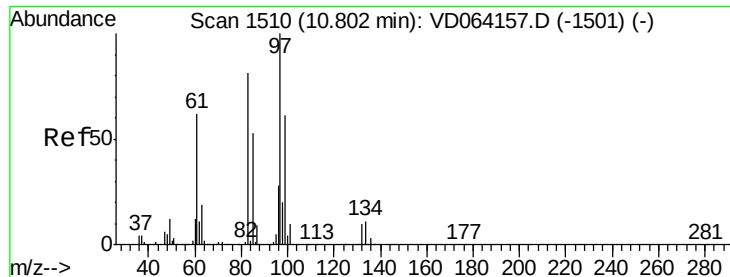


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

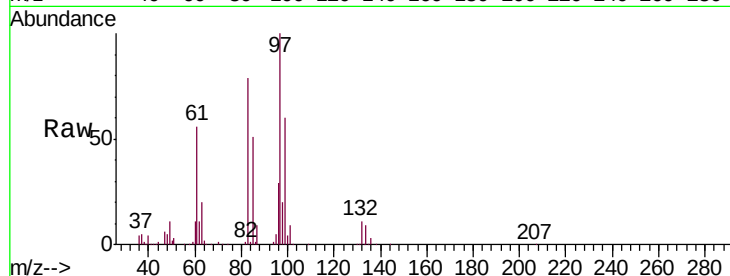




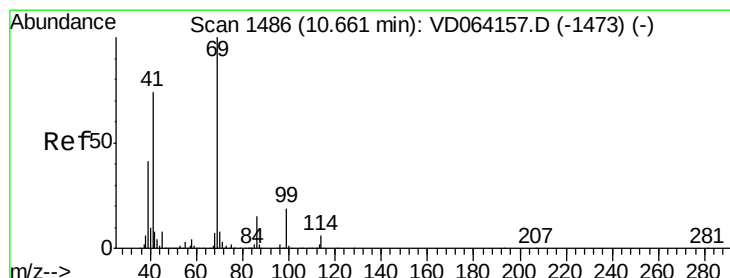
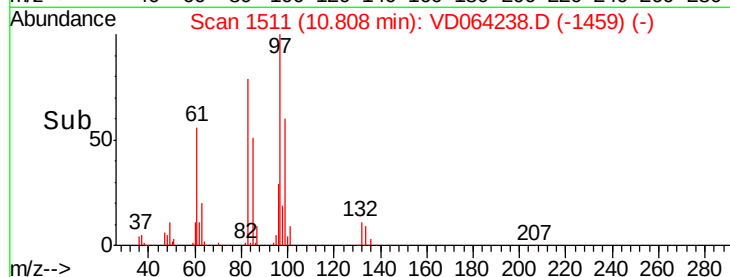
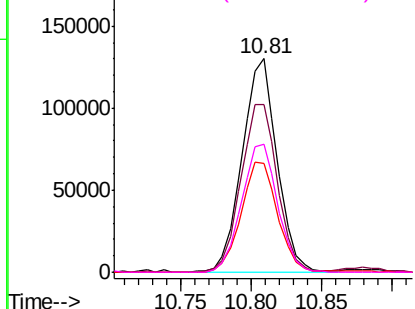
#55
 1,1,2-Trichloroethane
 Concen: 58.804 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	226046
Ion	Ratio	Lower	Upper
97	100		
83	78.5	65.1	97.7
85	51.0	42.0	63.0
99	59.9	48.9	73.3

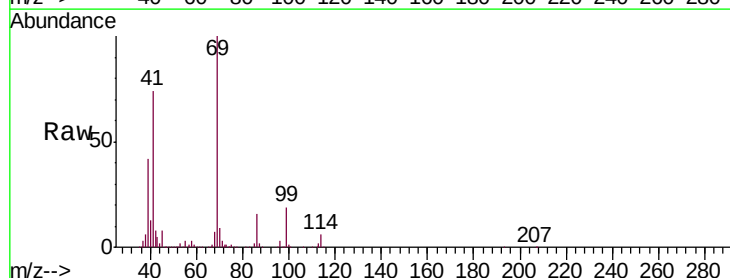


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

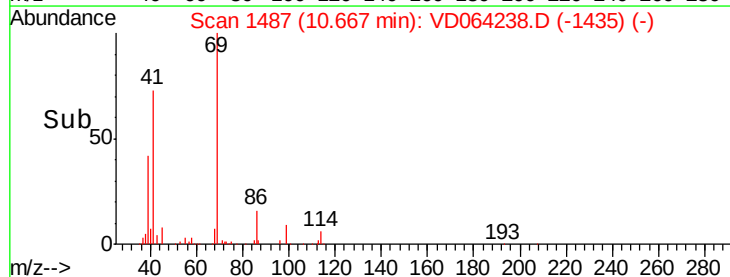
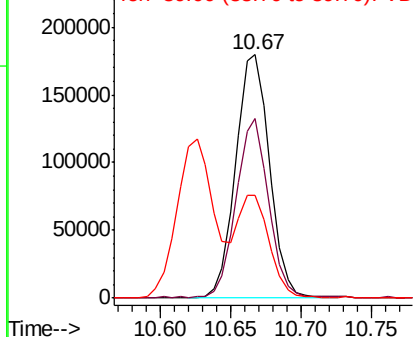


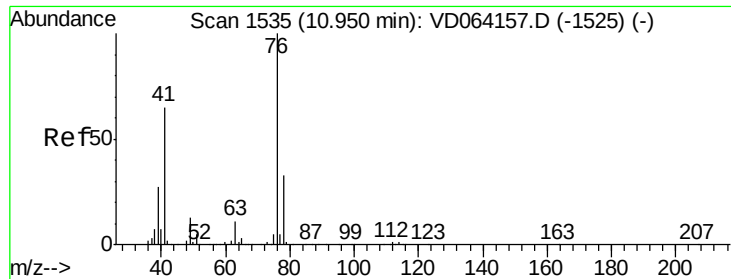
#56
 Ethyl methacrylate
 Concen: 56.179 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Tgt Ion:	69	Resp:	302096
Ion	Ratio	Lower	Upper
69	100		
41	70.0	57.9	86.9
39	38.0	29.0	43.4



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

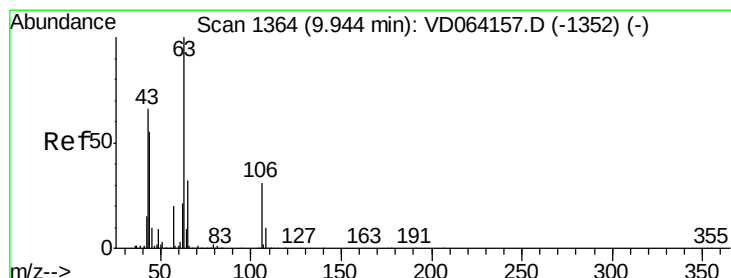
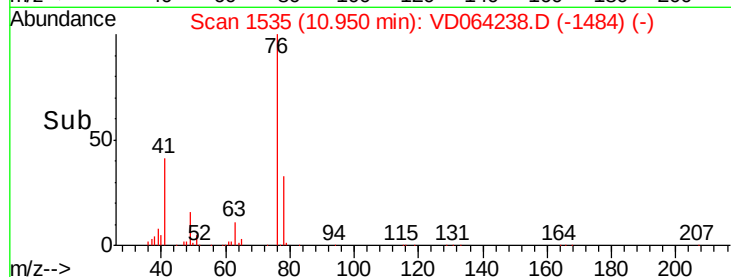
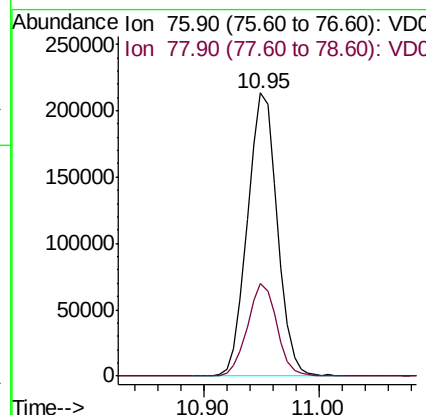
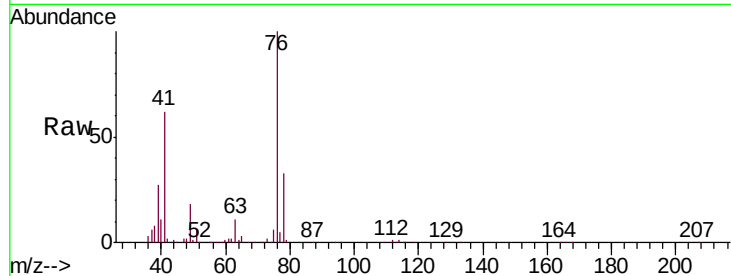




#57
 1,3-Dichloropropane
 Concen: 57.170 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

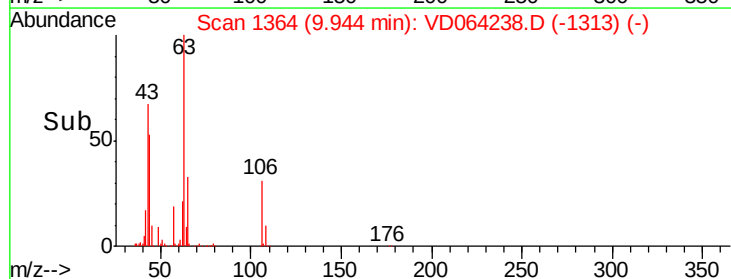
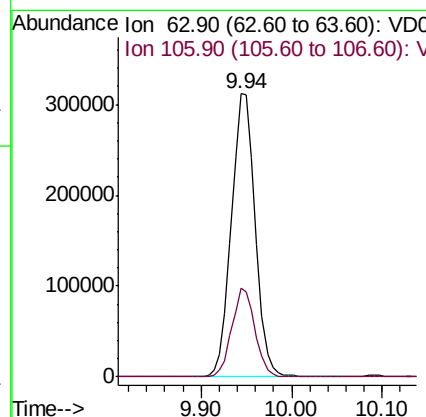
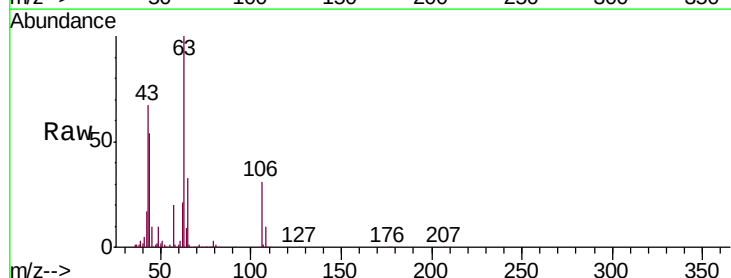
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

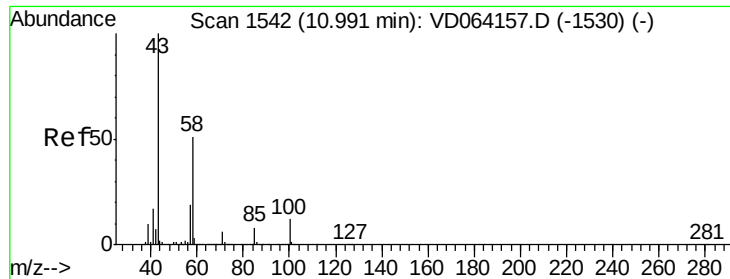
Tgt Ion: 76 Resp: 383273
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.850 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Tgt Ion: 63 Resp: 572549
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.1 36.1

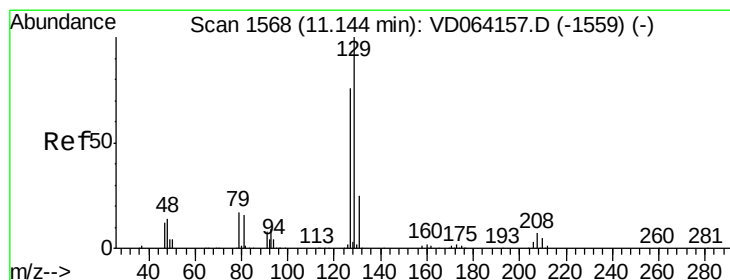
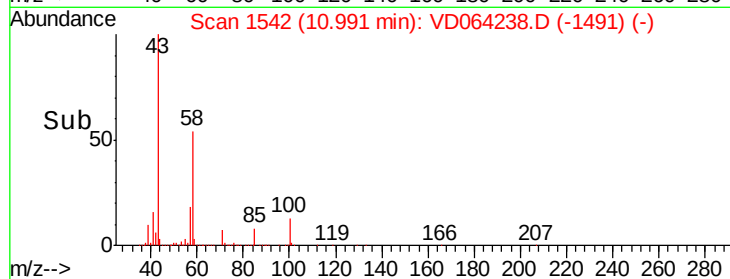
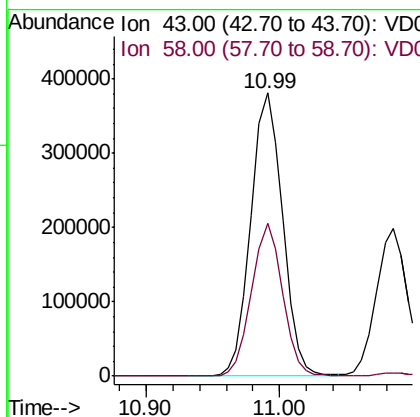
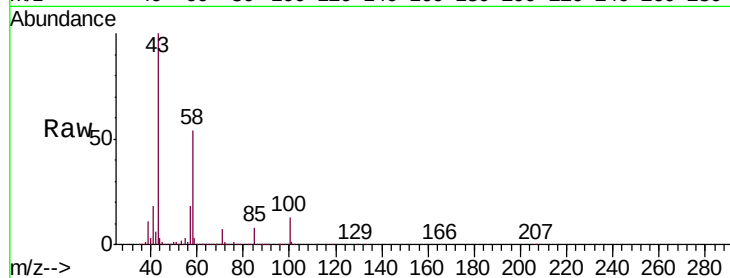




#59
2-Hexanone
Concen: 265.533 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

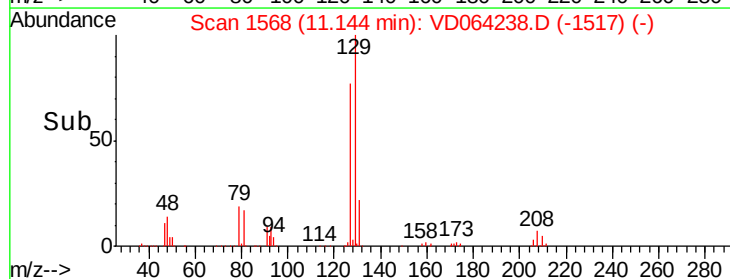
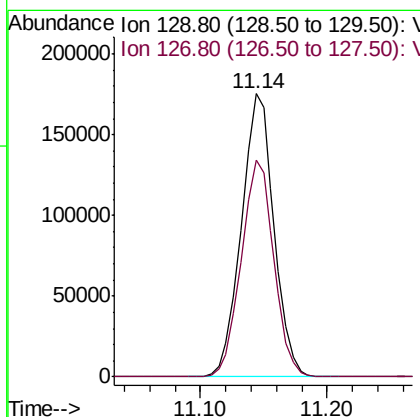
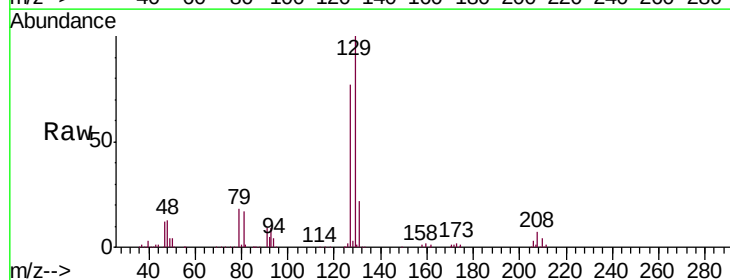
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

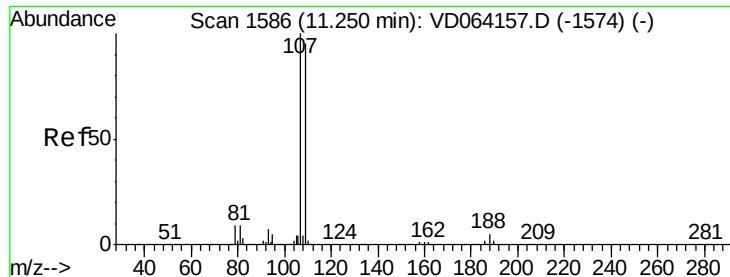
Tgt Ion: 43 Resp: 626129
Ion Ratio Lower Upper
43 100
58 53.0 25.9 77.7



#60
Dibromochloromethane
Concen: 58.281 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion: 129 Resp: 312612
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 58.186 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

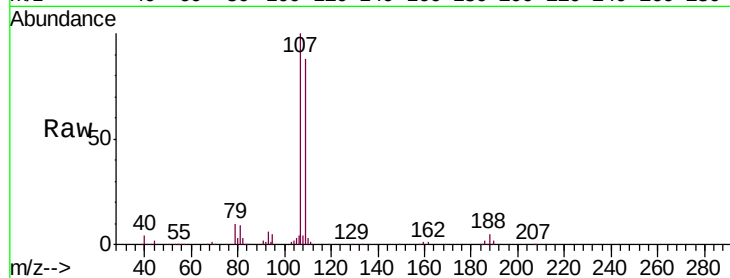
VSTDCCC050EC

Tgt Ion: 107 Resp: 224028

Ion Ratio Lower Upper

107 100

109 92.2 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.25

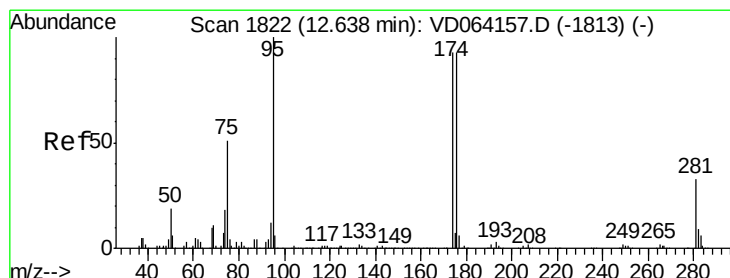
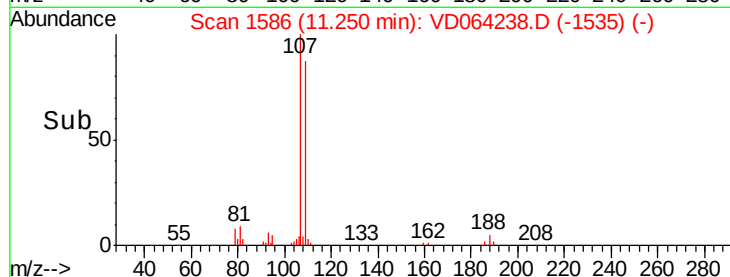
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.004 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

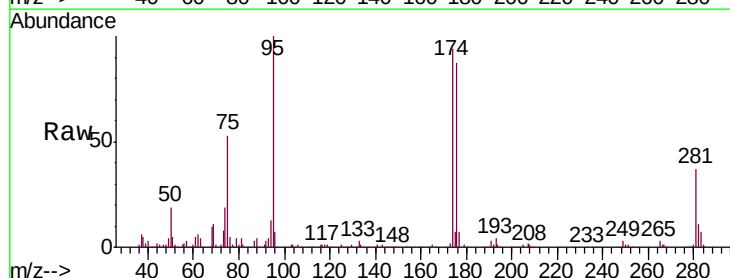
Tgt Ion: 95 Resp: 323293

Ion Ratio Lower Upper

95 100

174 94.9 0.0 183.6

176 91.6 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

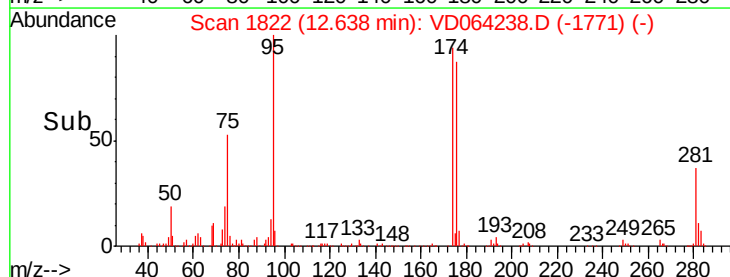
150000

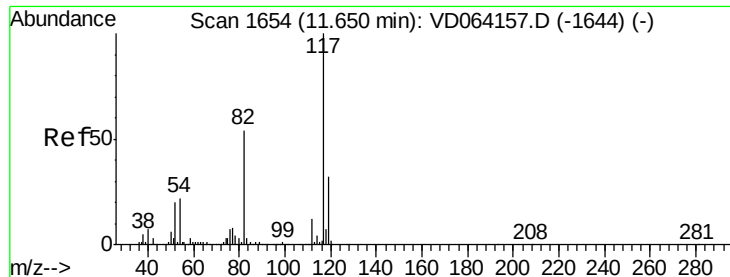
100000

50000

0

Time-->

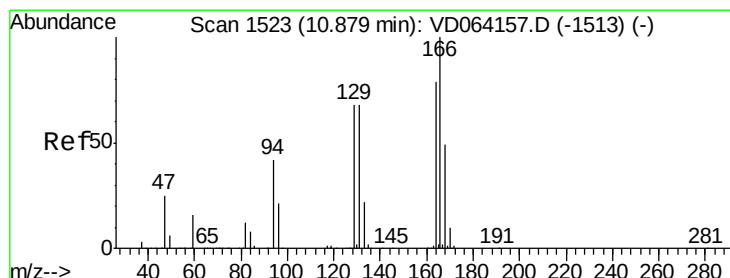
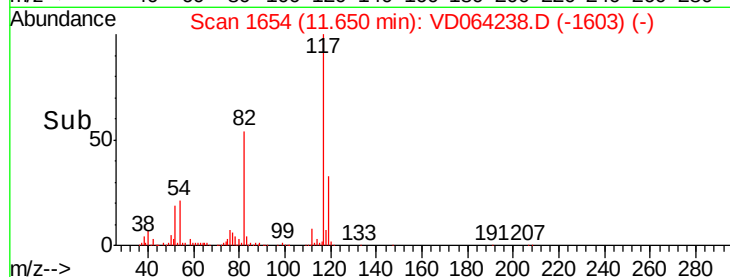
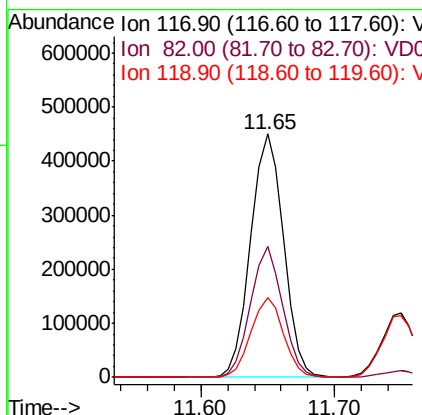
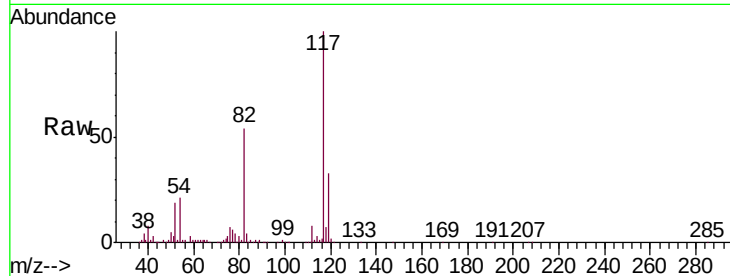




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

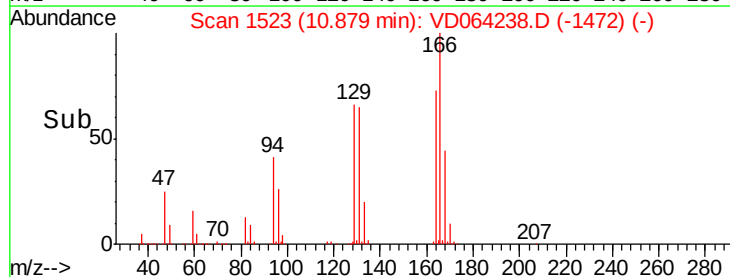
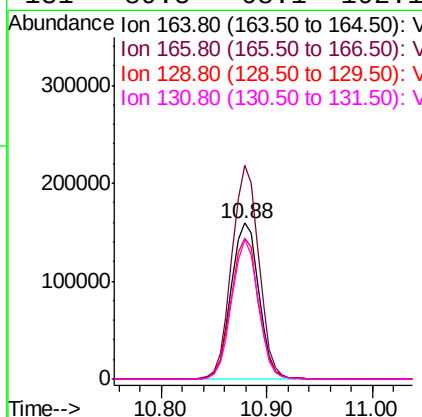
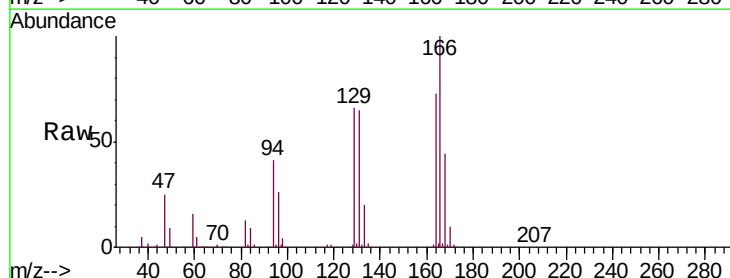
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

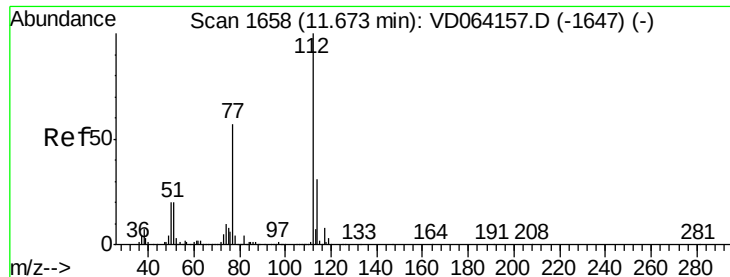
Tgt Ion:117 Resp: 767373
Ion Ratio Lower Upper
117 100
82 53.8 42.8 64.2
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 48.941 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion:164 Resp: 288840
Ion Ratio Lower Upper
164 100
166 137.0 100.8 151.2
129 90.4 68.7 103.1
131 89.5 68.1 102.1

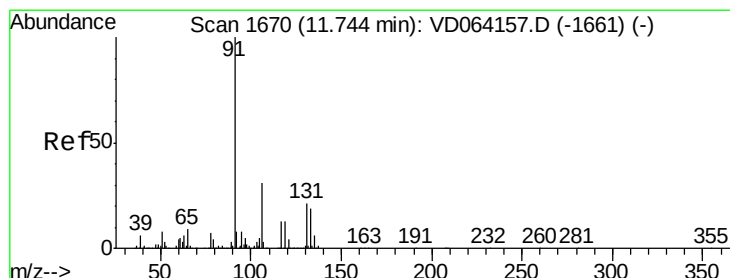
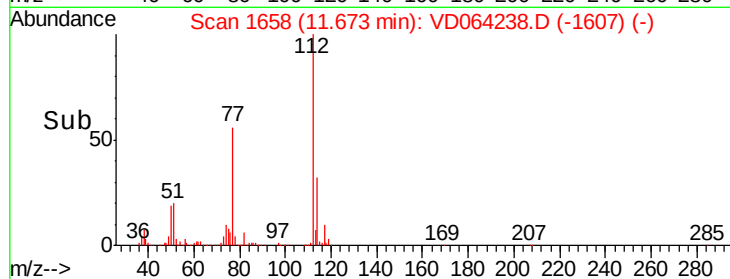
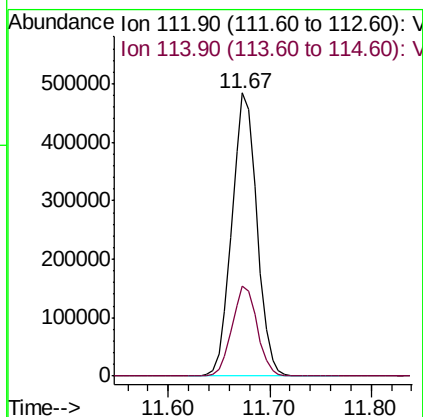
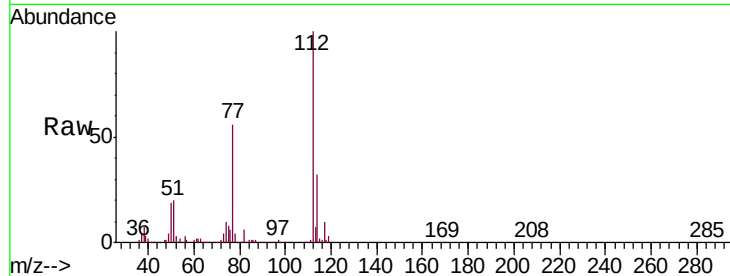




#65
Chlorobenzene
Concen: 53.200 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

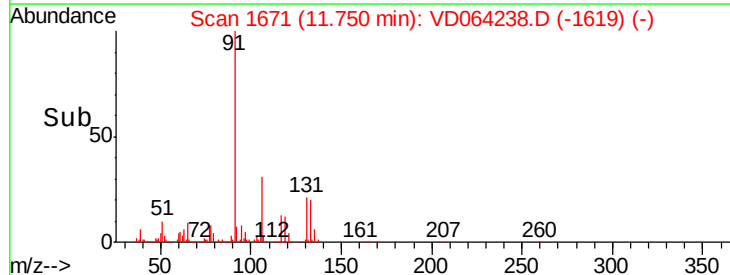
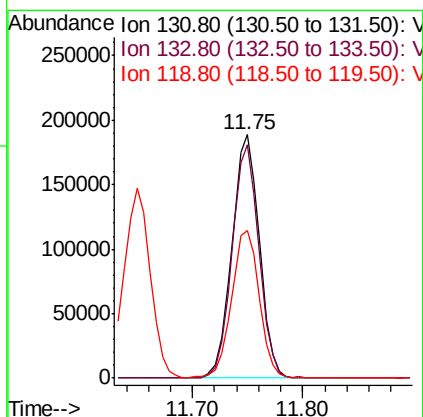
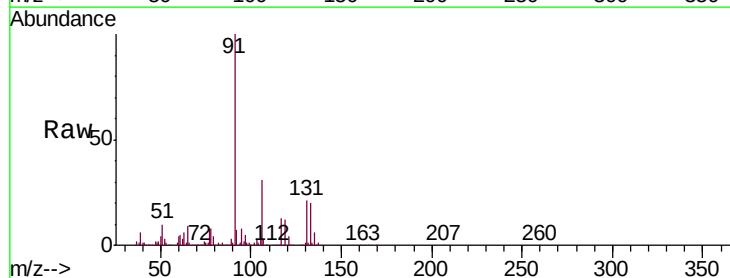
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

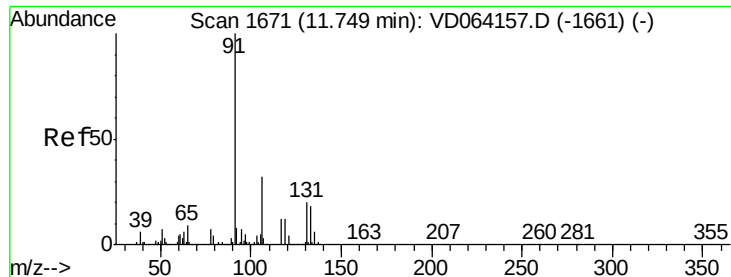
Tgt Ion:112 Resp: 830157
Ion Ratio Lower Upper
112 100
114 31.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 55.333 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion:131 Resp: 328317
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.9
119 61.1 31.1 93.3





#67

Ethyl Benzene

Concen: 52.019 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

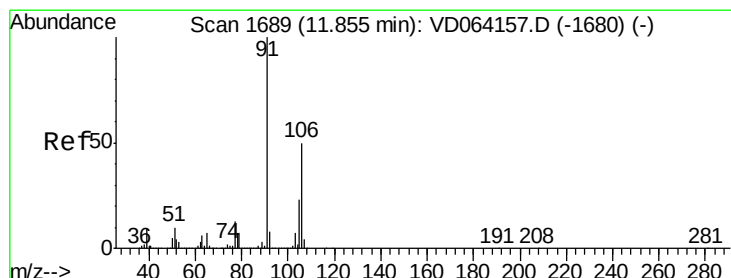
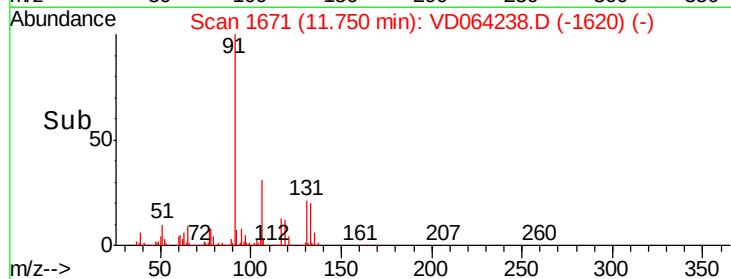
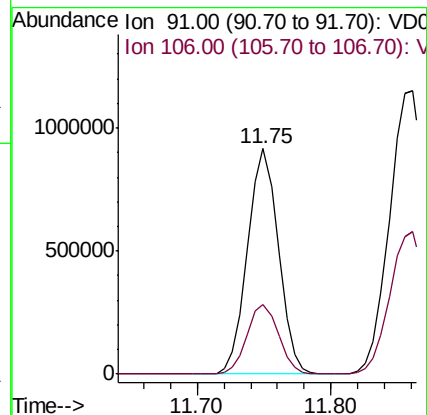
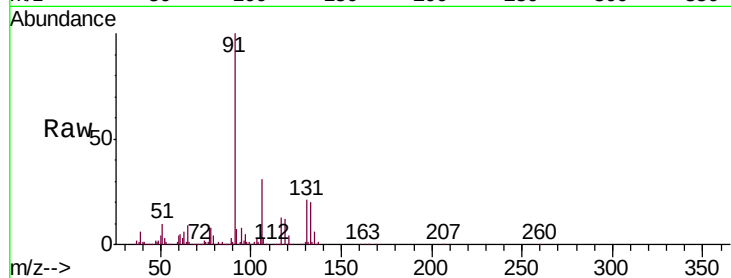
VSTDCCC050EC

Tgt Ion: 91 Resp: 1468288

Ion Ratio Lower Upper

91 100

106 30.9 25.5 38.3



#68

m/p-Xylenes

Concen: 103.747 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD064238.D

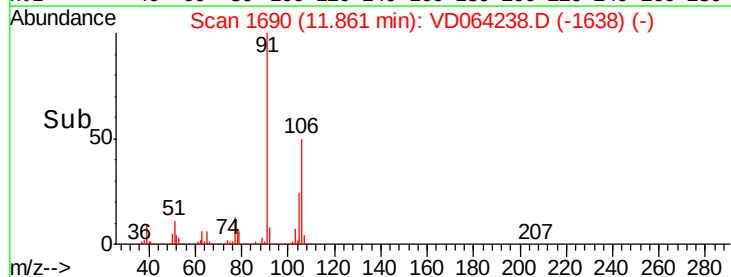
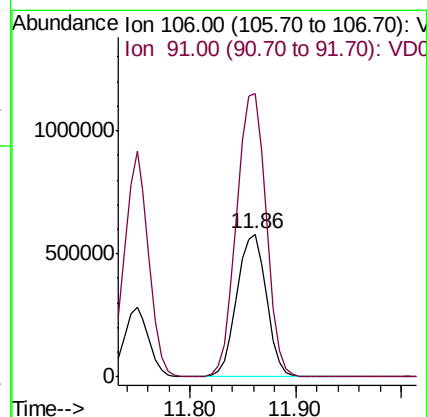
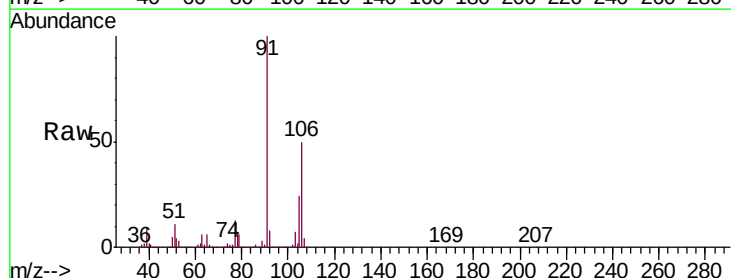
Acq: 15 Nov 2019 20:22

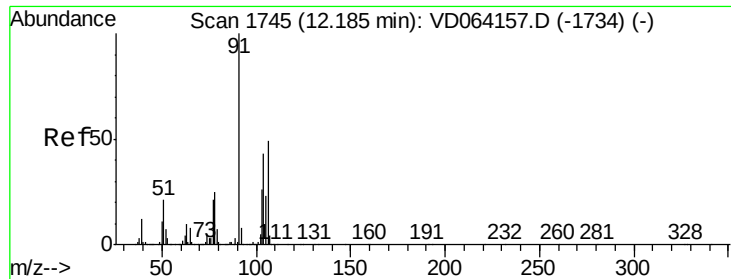
Tgt Ion: 106 Resp: 1122443

Ion Ratio Lower Upper

106 100

91 199.1 160.3 240.5

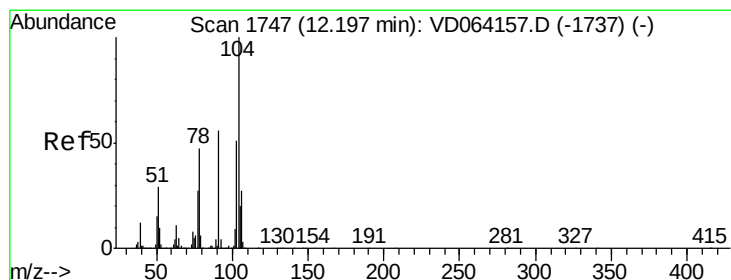
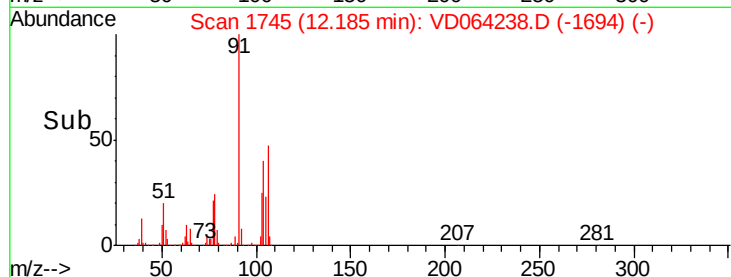
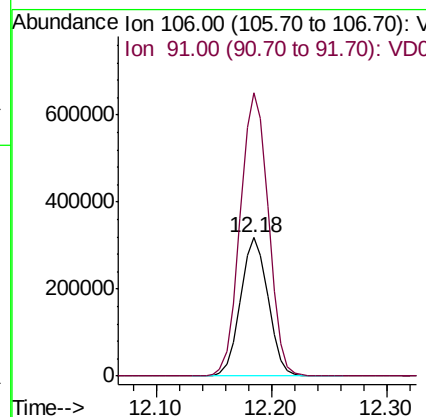
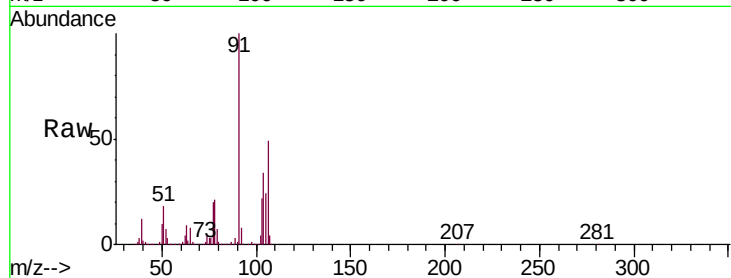




#69
o-Xylene
Concen: 52.576 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

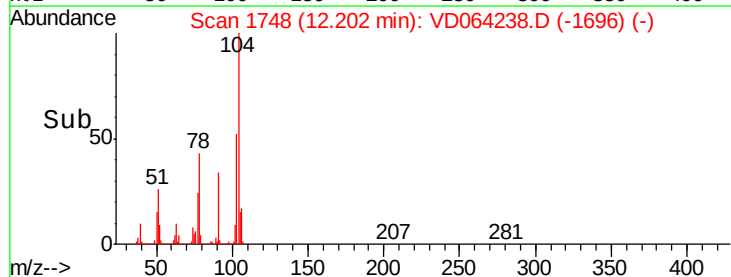
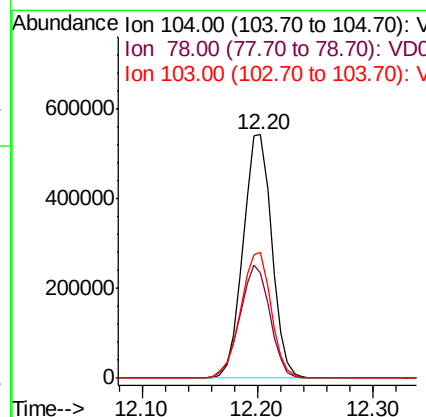
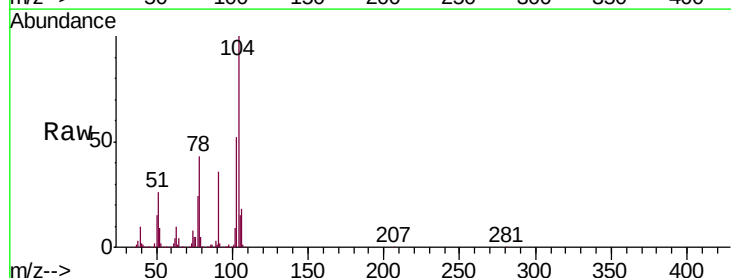
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

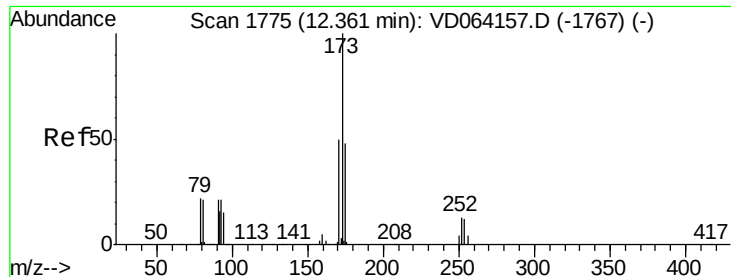
Tgt Ion:106 Resp: 527547
Ion Ratio Lower Upper
106 100
91 208.5 105.1 315.3



#70
Styrene
Concen: 53.467 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion:104 Resp: 936486
Ion Ratio Lower Upper
104 100
78 48.6 39.9 59.9
103 54.7 43.4 65.0





#71

Bromoform

Concen: 57.357 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

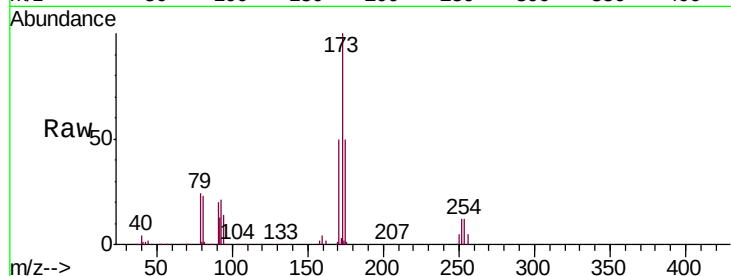
Tgt Ion:173 Resp: 193682

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.3

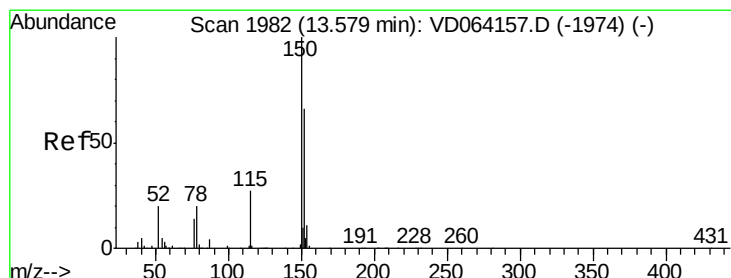
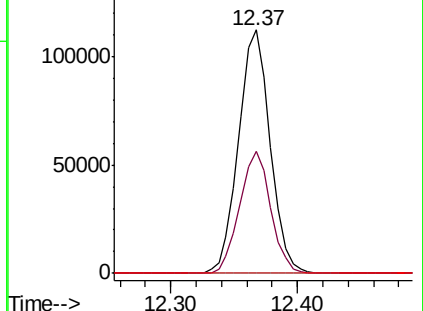
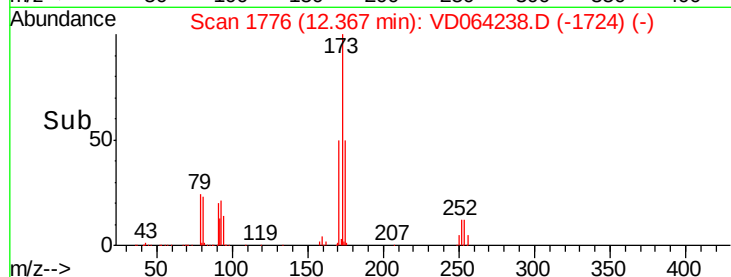
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

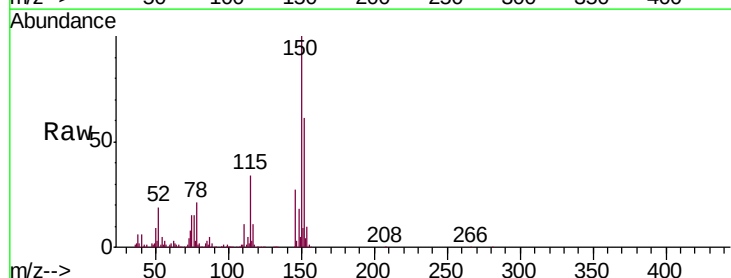
Tgt Ion:152 Resp: 377578

Ion Ratio Lower Upper

152 100

115 54.2 27.4 82.2

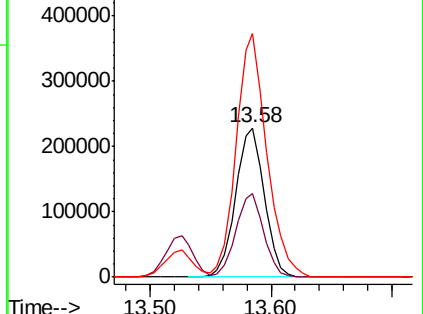
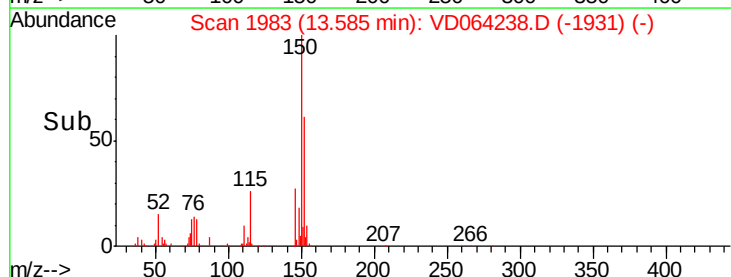
150 174.0 0.0 351.6

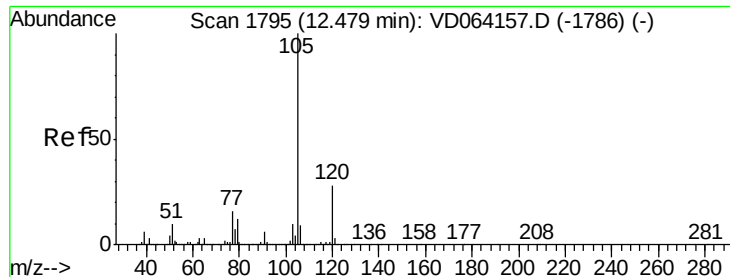


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.512 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

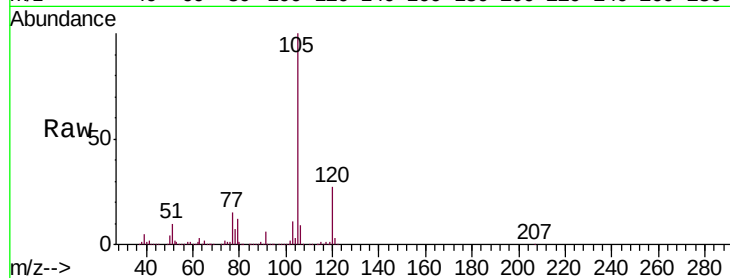
VSTDCCC050EC

Tgt Ion:105 Resp: 1399887

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

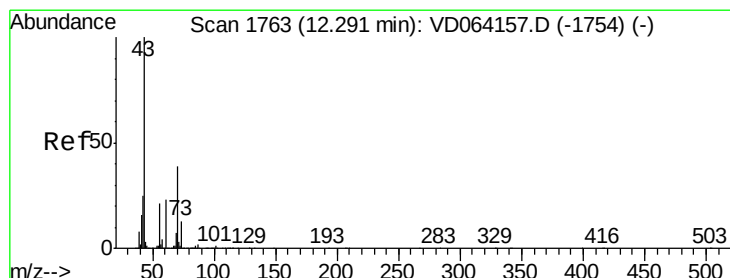
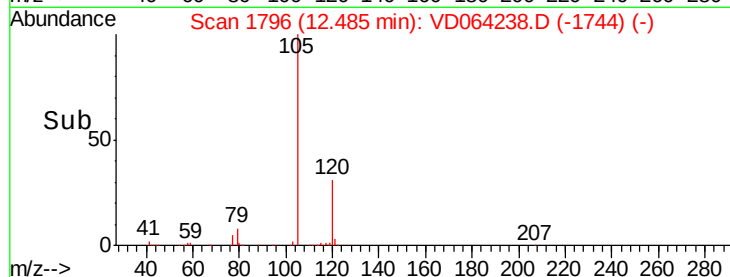
400000

200000

0

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 52.396 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Tgt Ion: 43 Resp: 342912

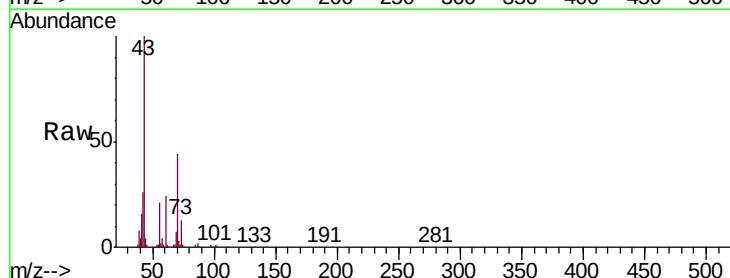
Ion Ratio Lower Upper

43 100

70 42.3 32.4 48.6

55 22.0 17.9 26.9

61 24.3 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

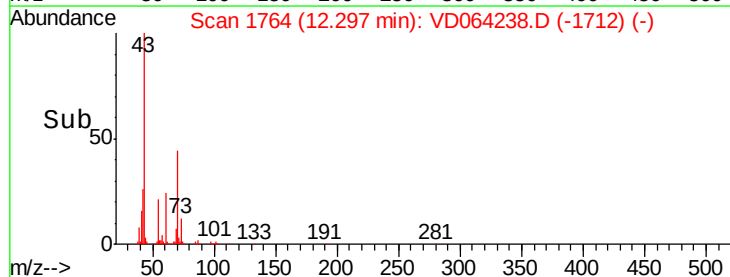
200000

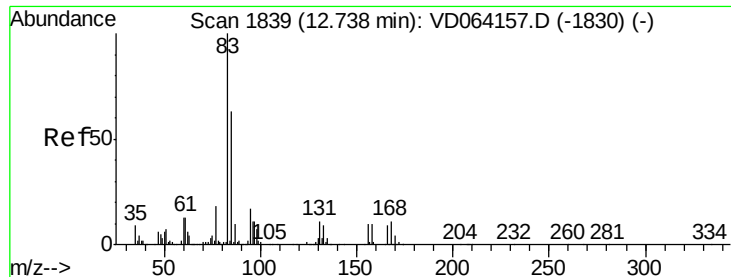
100000

0

12.20 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.772 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

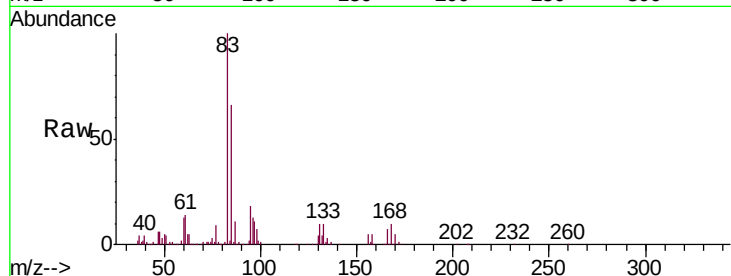
Tgt Ion: 83 Resp: 232906

Ion Ratio Lower Upper

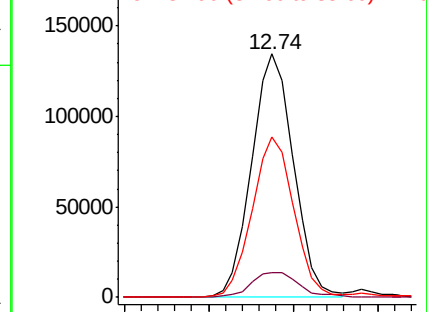
83 100

131 11.9 5.9 17.7

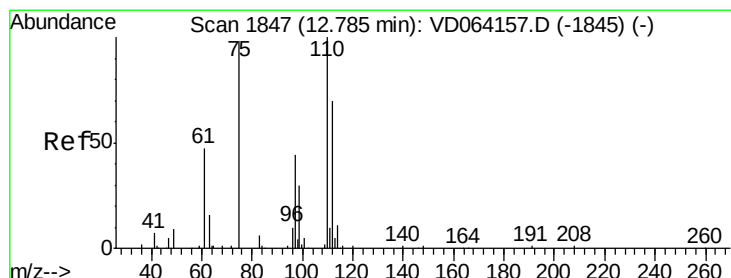
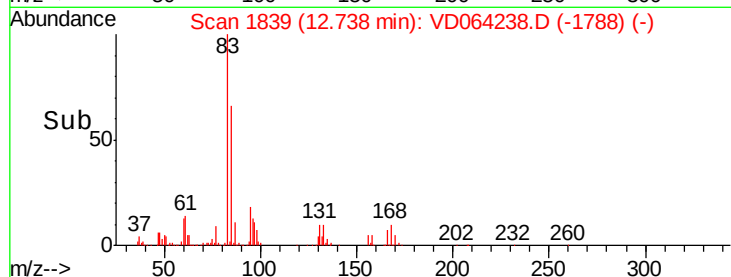
85 65.3 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



Time--> 12.65 12.70 12.75 12.80



#76

1,2,3-Trichloropropane

Concen: 102.933 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD064238.D

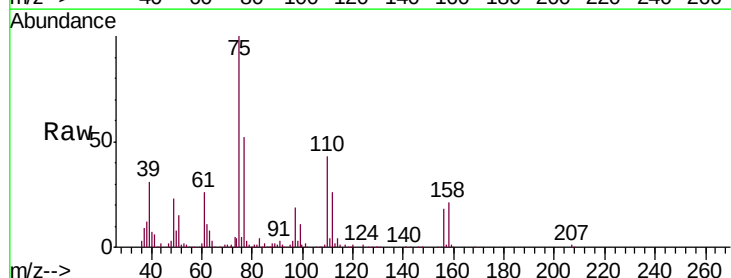
Acq: 15 Nov 2019 20:22

Tgt Ion: 75 Resp: 313046

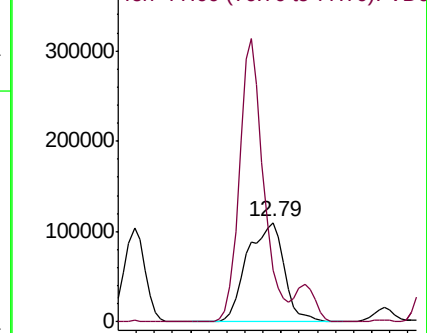
Ion Ratio Lower Upper

75 100

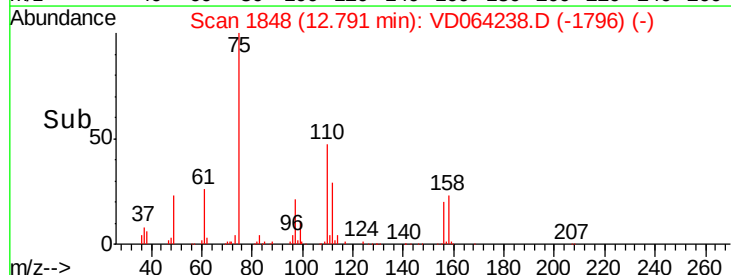
77 0.0 0.0 0.0

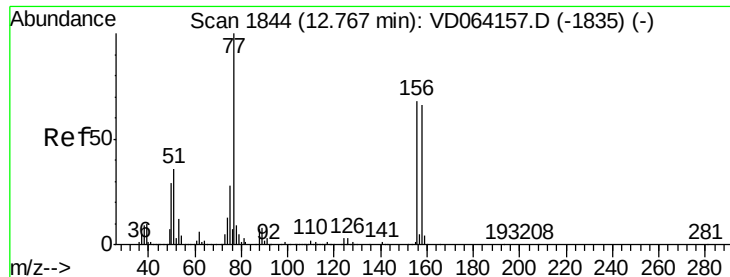


Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC



Time--> 12.70 12.80 12.90





#77

Bromobenzene

Concen: 54.130 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

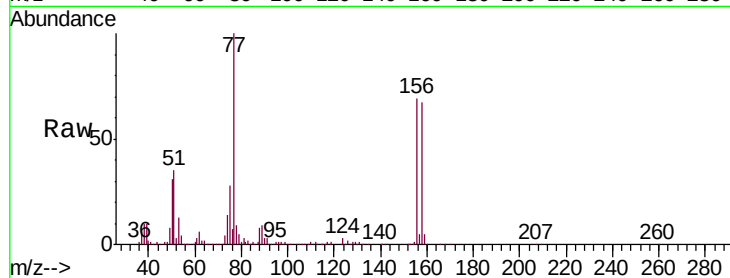
Tgt Ion:156 Resp: 364458

Ion Ratio Lower Upper

156 100

77 159.3 81.2 243.4

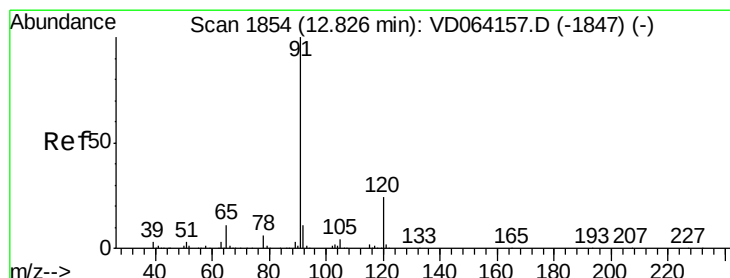
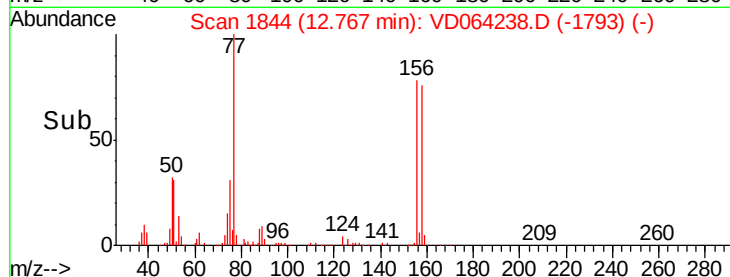
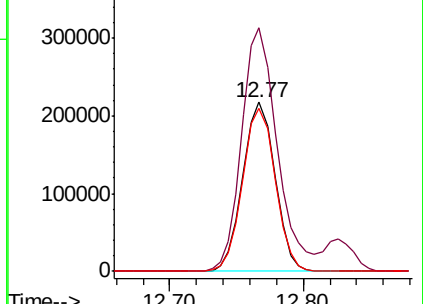
158 97.4 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.529 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064238.D

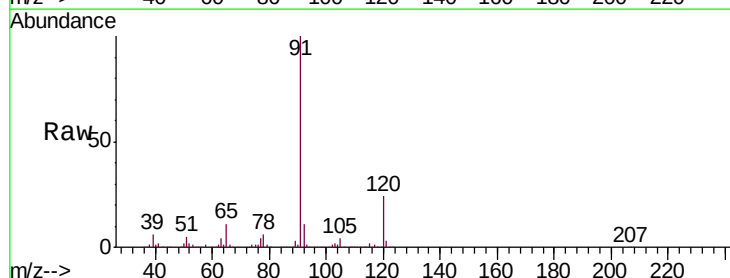
Acq: 15 Nov 2019 20:22

Tgt Ion: 91 Resp: 1599945

Ion Ratio Lower Upper

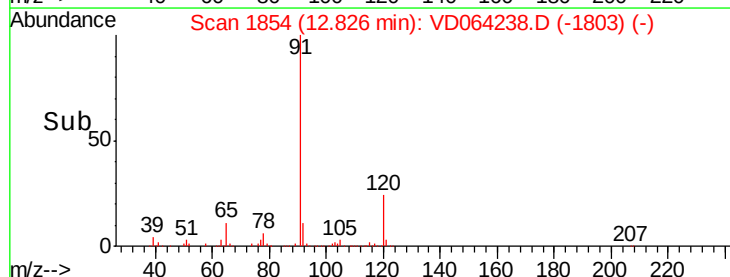
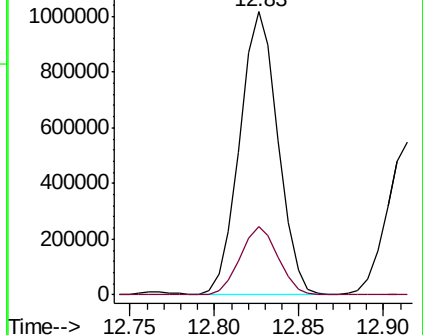
91 100

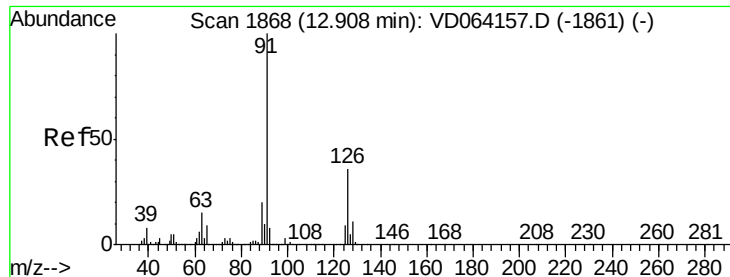
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.427 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD064238.D

Acq: 15 Nov 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

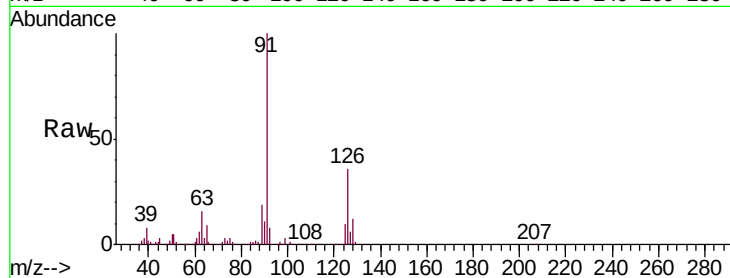
VSTDCCC050EC

Tgt Ion: 91 Resp: 901464

Ion Ratio Lower Upper

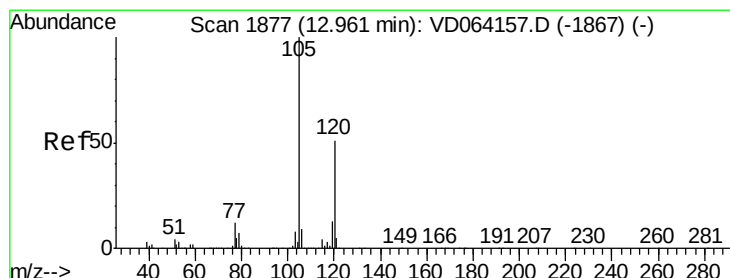
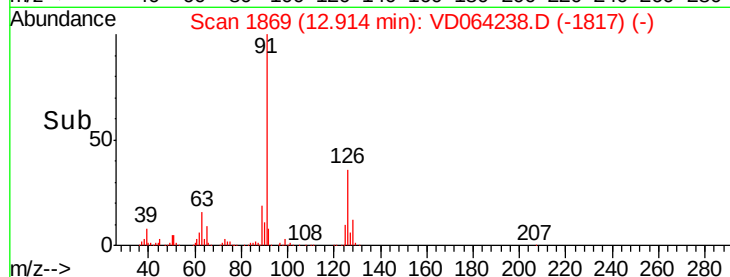
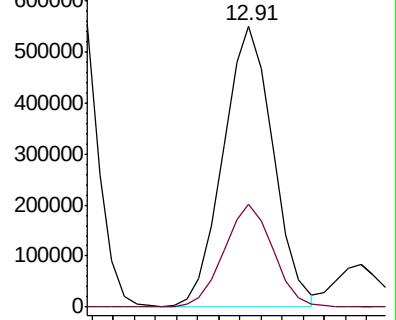
91 100

126 36.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.898 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD064238.D

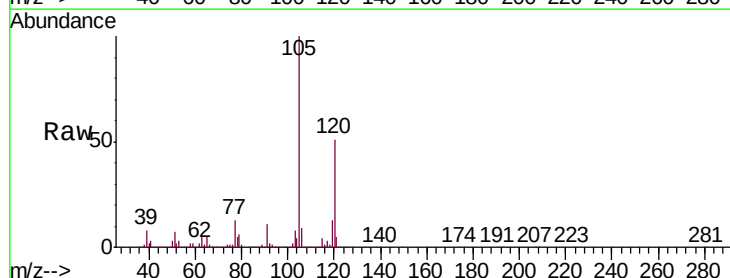
Acq: 15 Nov 2019 20:22

Tgt Ion: 105 Resp: 1159092

Ion Ratio Lower Upper

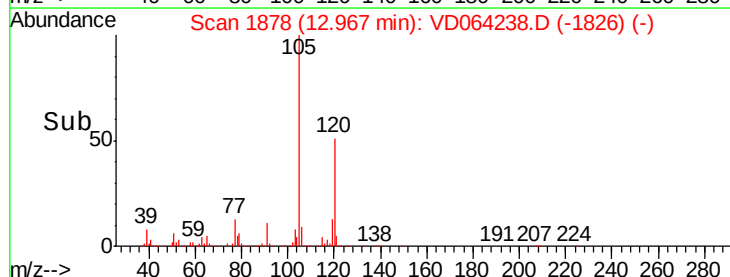
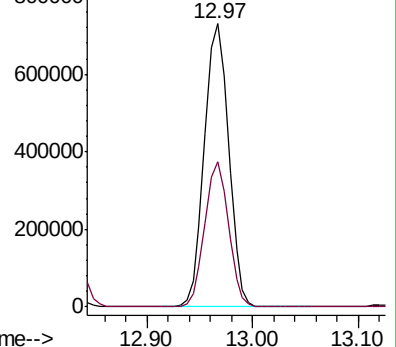
105 100

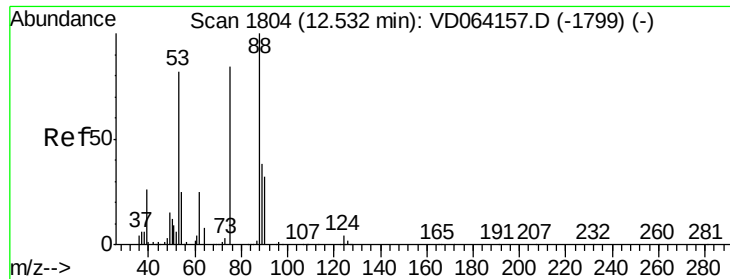
120 50.3 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

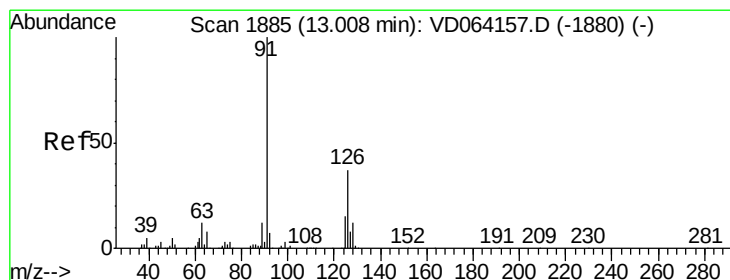
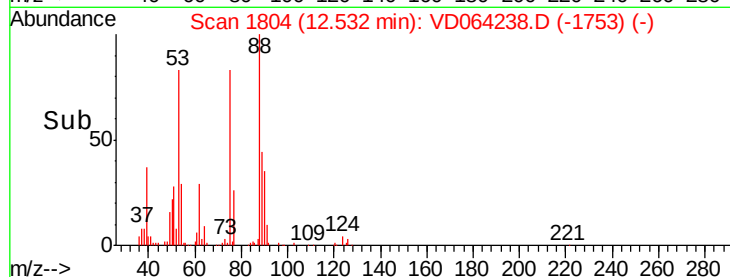
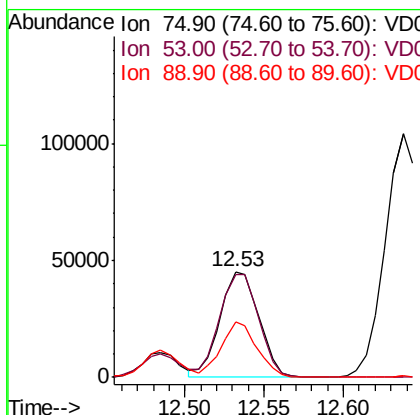
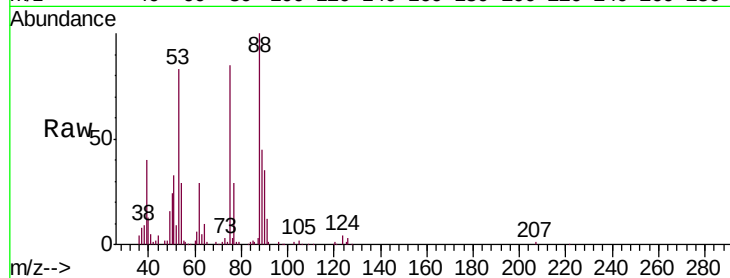




#81
trans-1,4-Dichloro-2-butene
Concen: 50.649 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

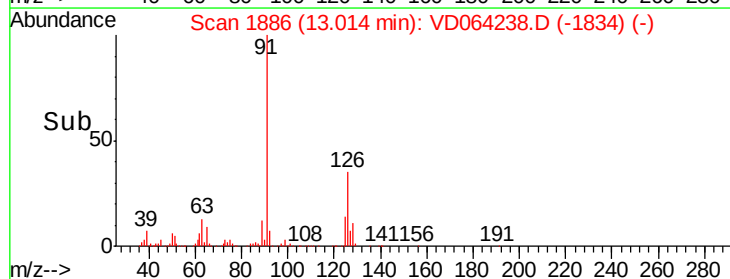
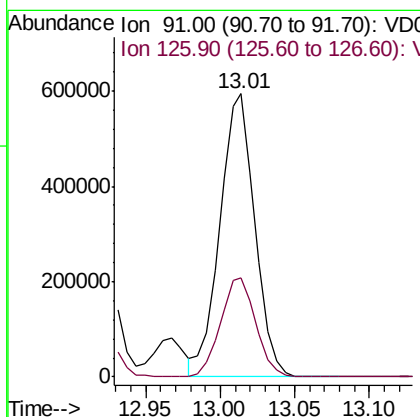
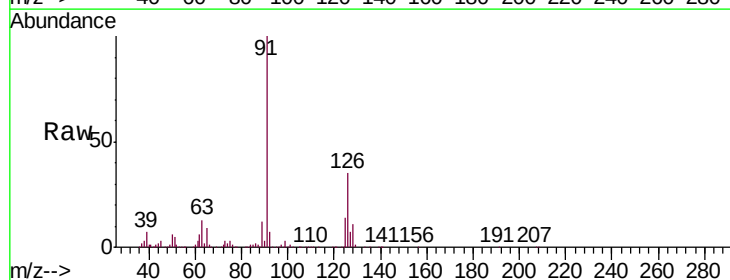
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

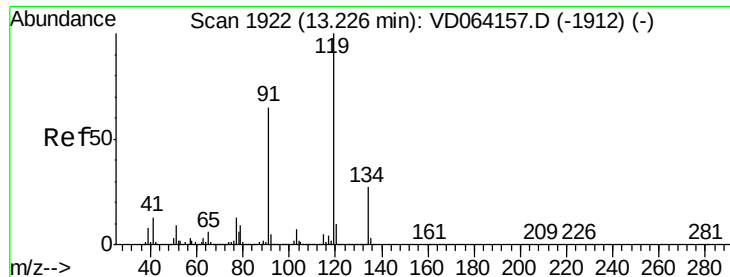
Tgt Ion: 75 Resp: 77547
Ion Ratio Lower Upper
75 100
53 99.2 79.4 119.0
89 47.4 36.6 55.0



#82
4-Chlorotoluene
Concen: 52.041 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion: 91 Resp: 970344
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.4

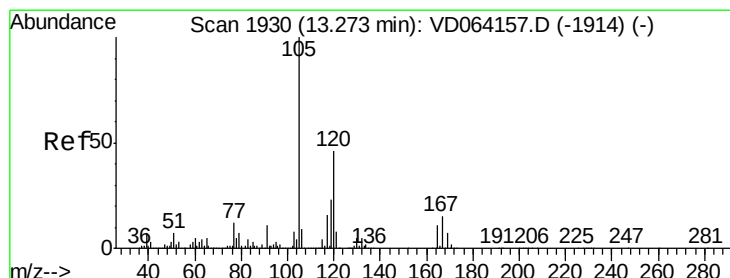
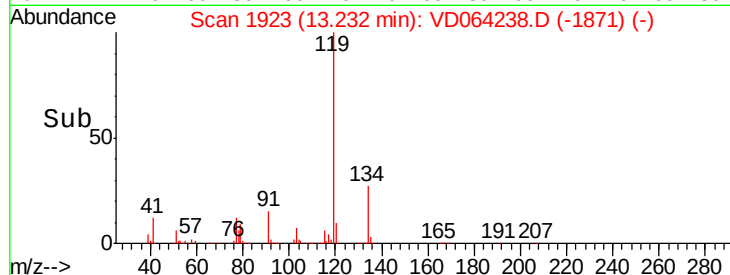
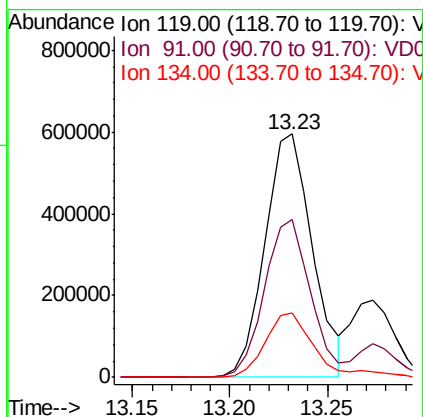
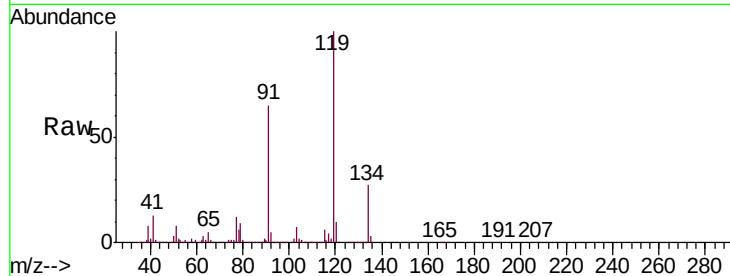




#83
tert-Butylbenzene
Concen: 50.077 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

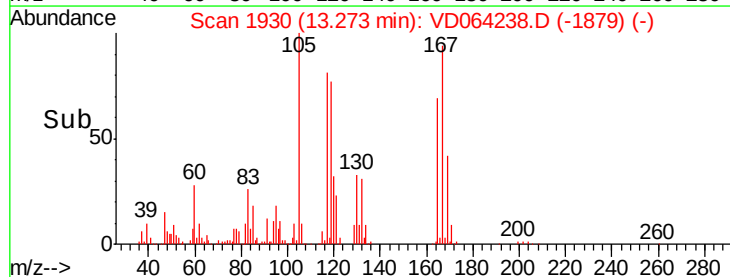
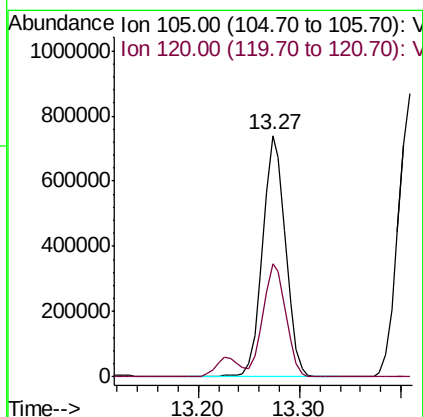
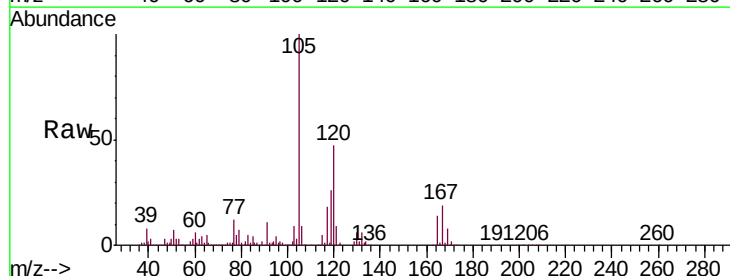
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

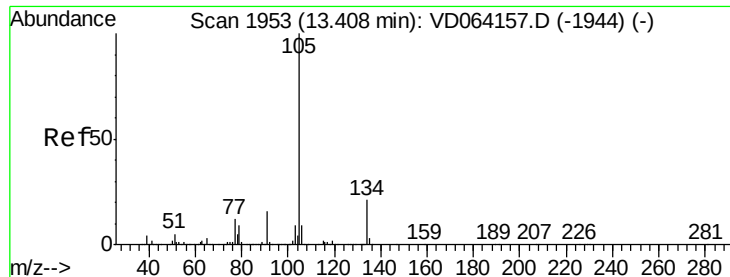
Tgt Ion:119 Resp: 1005560
Ion Ratio Lower Upper
119 100
91 62.5 31.8 95.4
134 27.8 13.7 41.0



#84
1,2,4-Trimethylbenzene
Concen: 51.486 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion:105 Resp: 1157541
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8

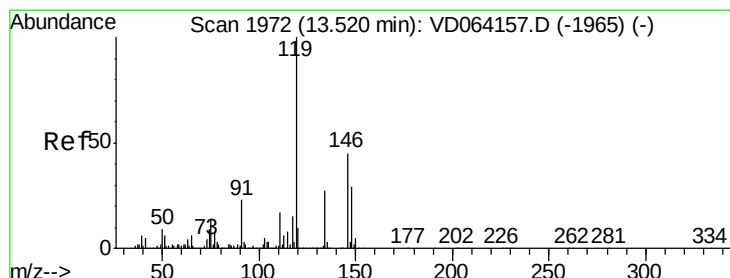
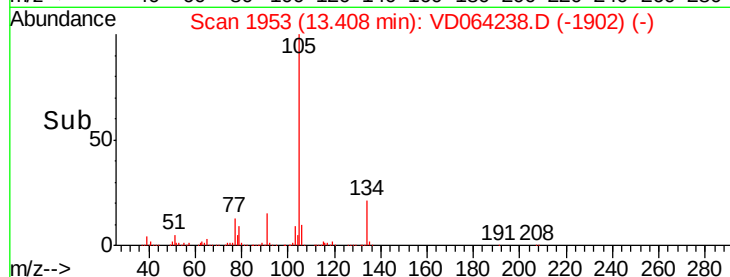
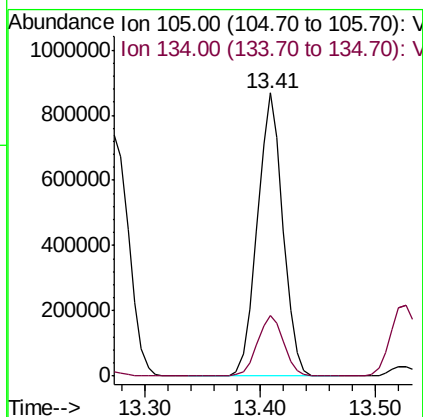
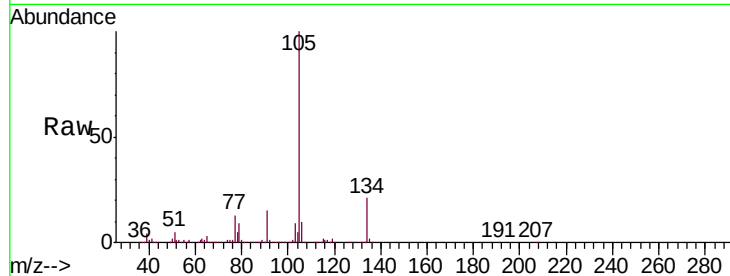




#85
 sec-Butylbenzene
 Concen: 49.592 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

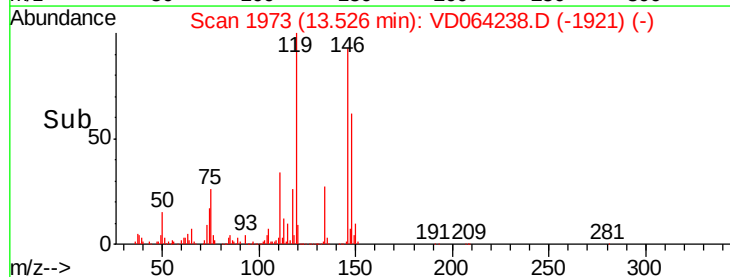
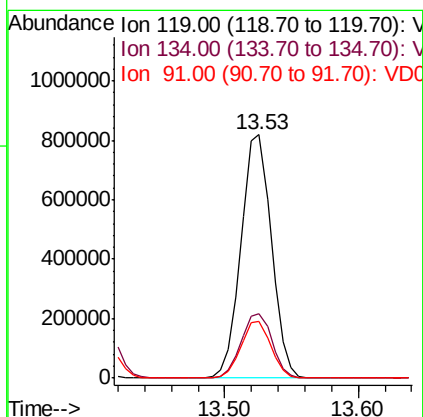
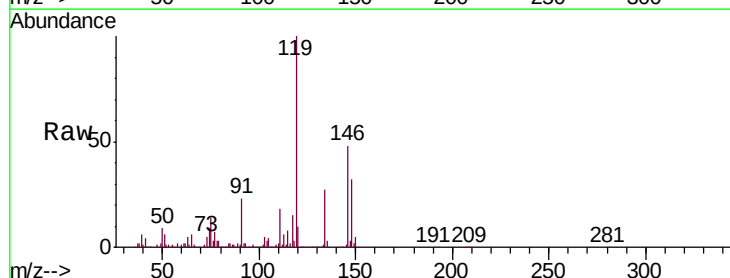
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

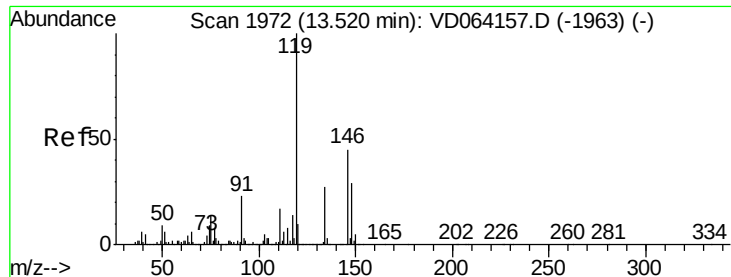
Tgt Ion:105 Resp: 1337488
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 50.235 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Tgt Ion:119 Resp: 1288035
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 23.0 11.5 34.4

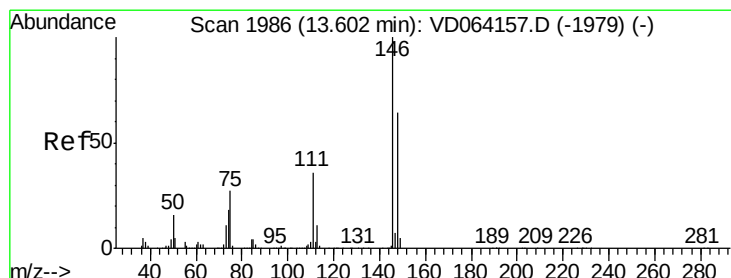
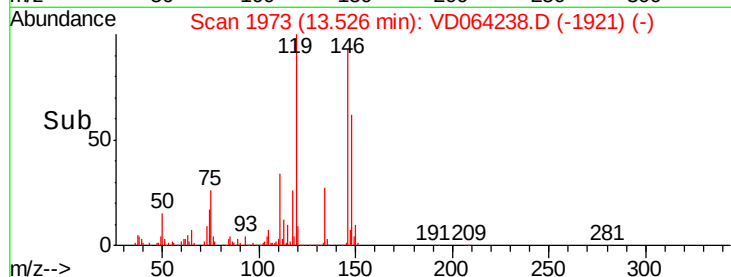
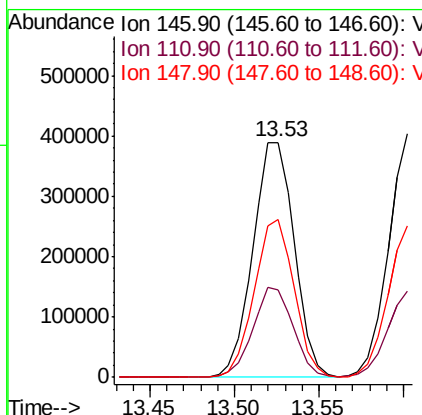
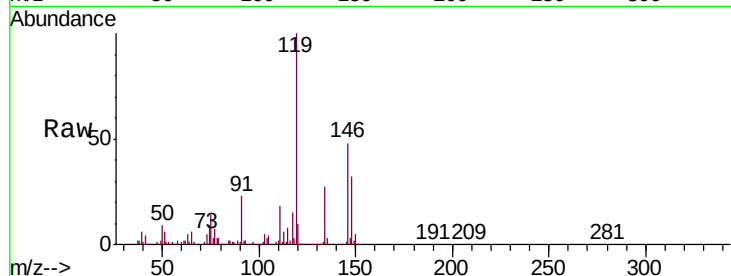




#87
 1,3-Dichlorobenzene
 Concen: 53.161 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

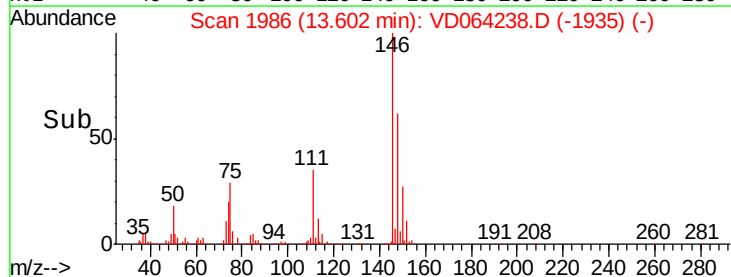
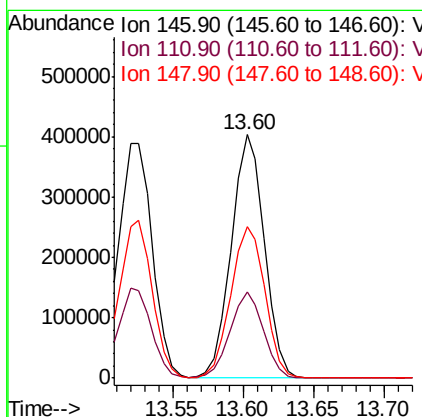
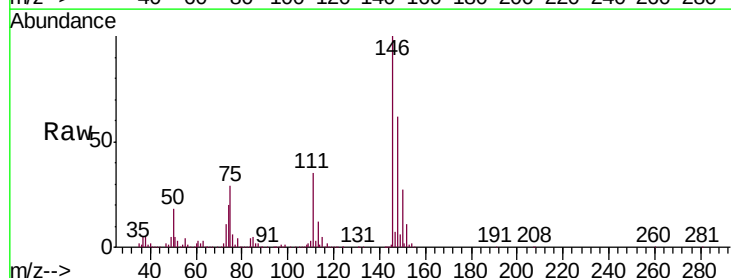
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

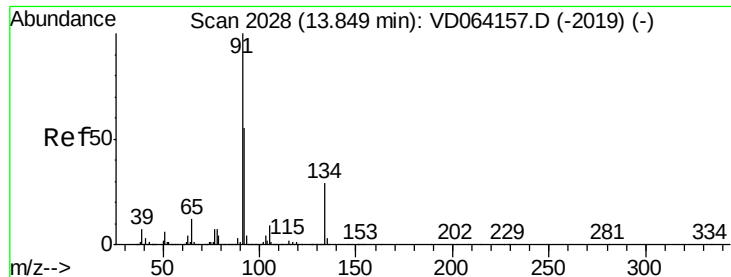
Tgt Ion:146 Resp: 664421
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.9
 148 64.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 53.975 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Tgt Ion:146 Resp: 658400
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.1 54.4
 148 64.1 31.9 95.7

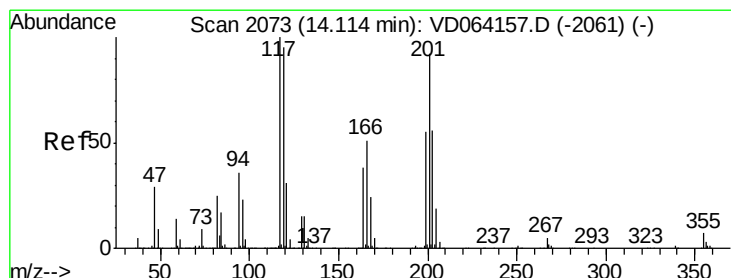
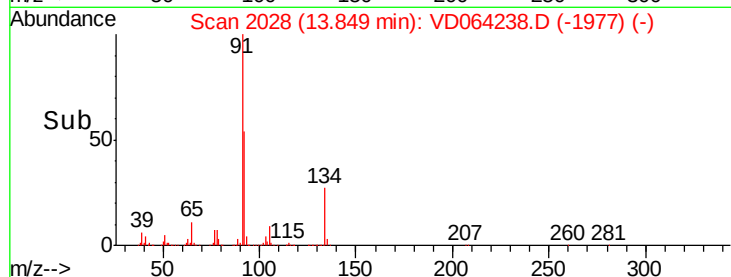
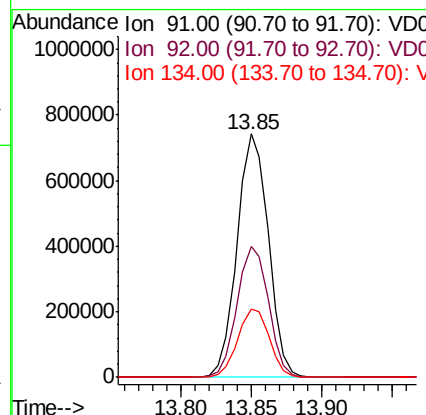
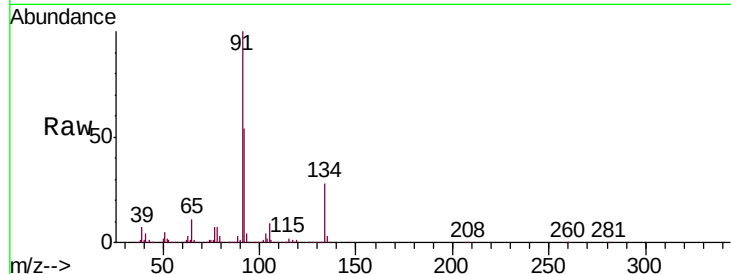




#89
n-Butylbenzene
Concen: 49.471 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

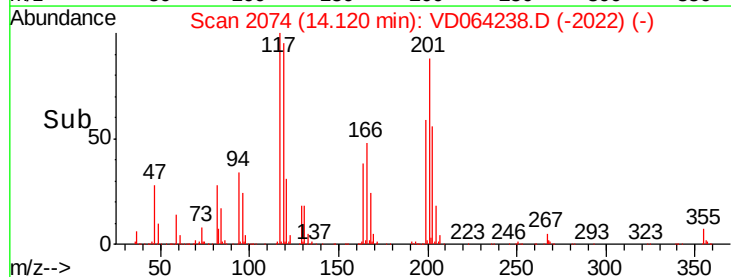
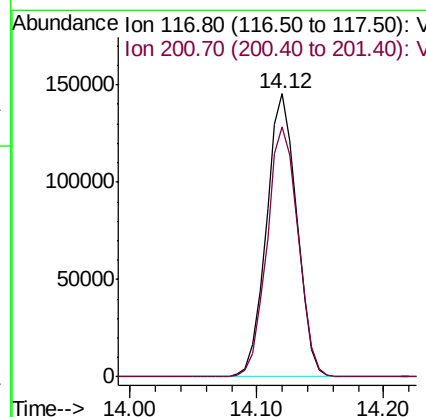
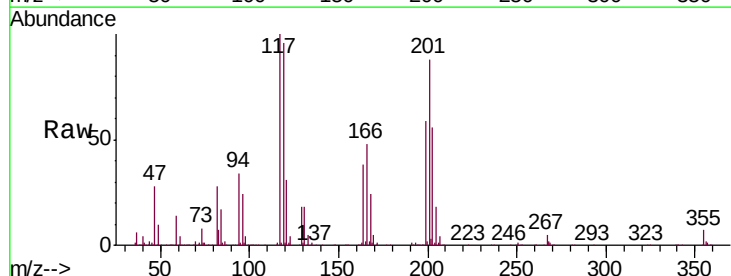
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

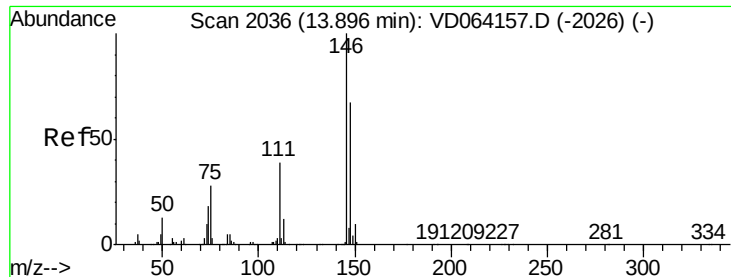
Tgt Ion: 91 Resp: 1145970
Ion Ratio Lower Upper
91 100
92 54.3 27.3 81.8
134 28.5 14.1 42.4



#90
Hexachloroethane
Concen: 51.216 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion: 117 Resp: 242689
Ion Ratio Lower Upper
117 100
201 90.7 45.8 137.4

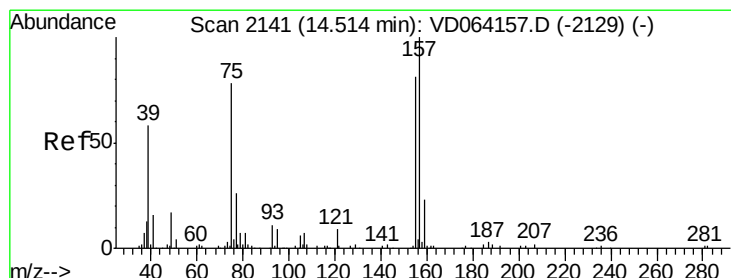
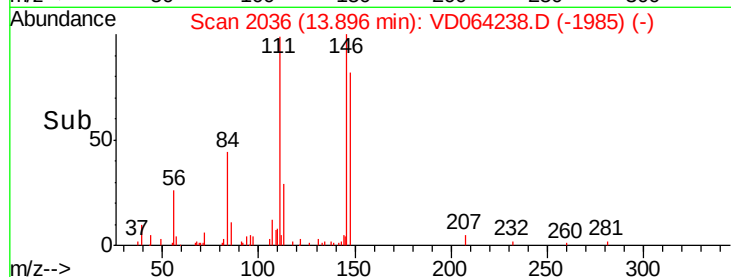
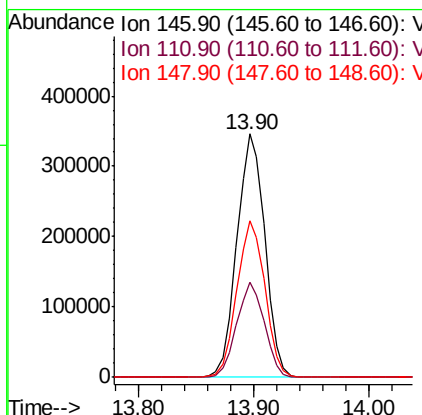
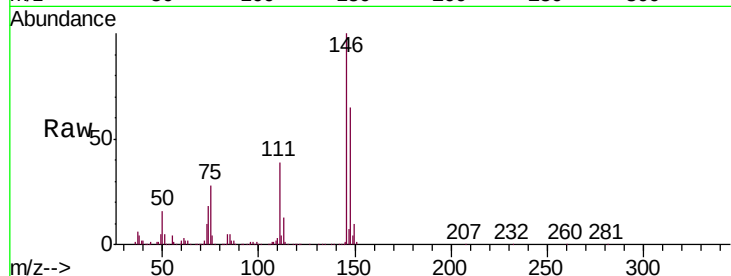




#91
 1,2-Dichlorobenzene
 Concen: 54.768 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

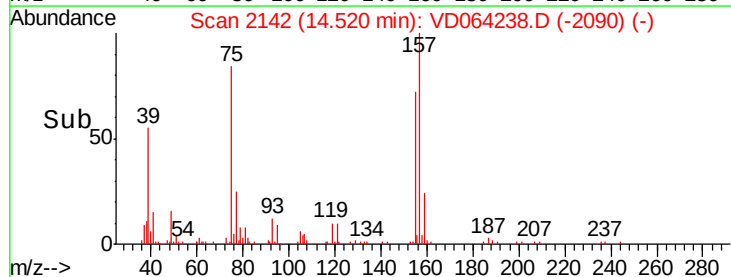
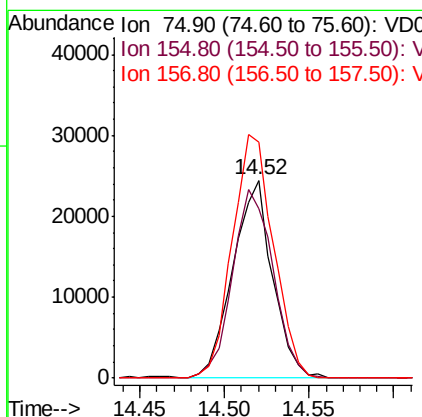
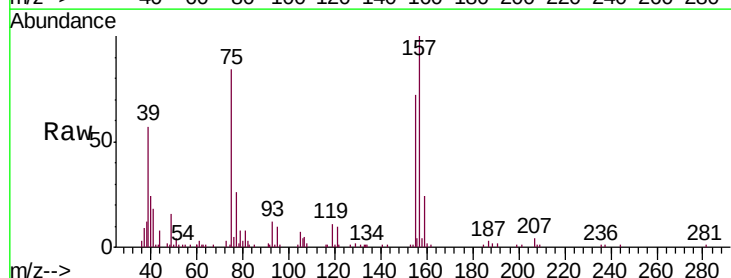
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

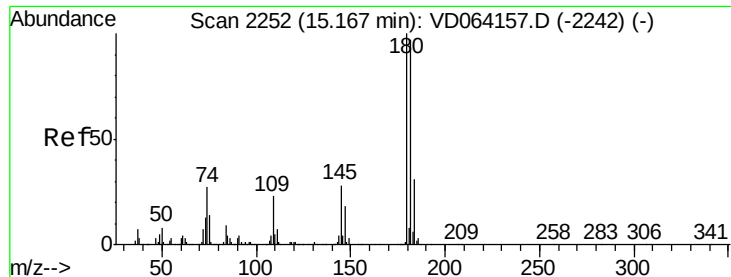
Tgt Ion:146 Resp: 579371
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.7 59.0
 148 64.6 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.608 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Tgt Ion: 75 Resp: 40026
 Ion Ratio Lower Upper
 75 100
 155 97.8 48.0 144.0
 157 127.3 61.5 184.4

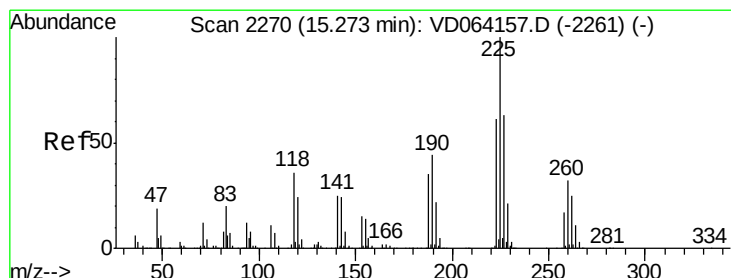
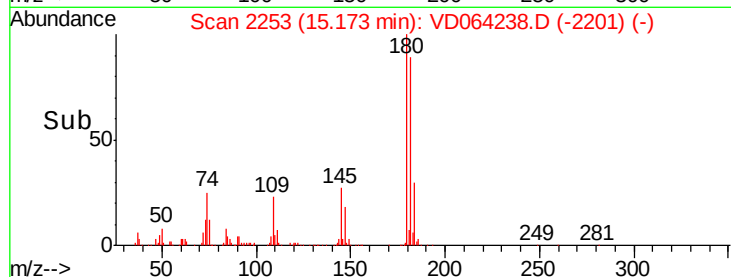
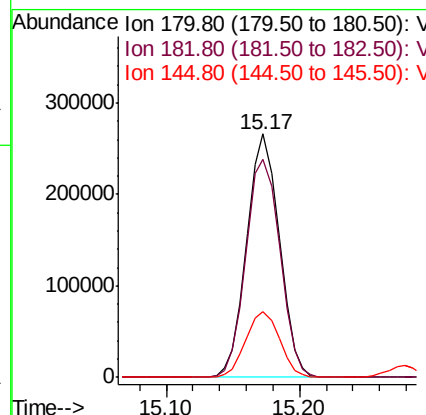
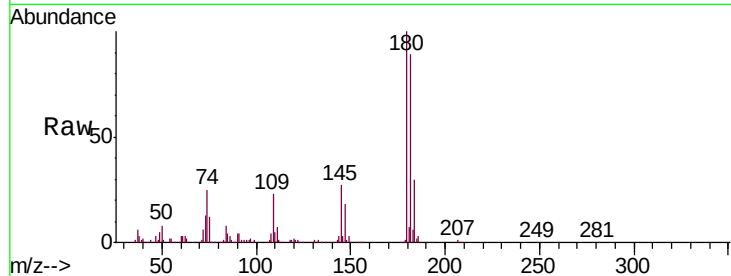




#93
 1,2,4-Trichlorobenzene
 Concen: 55.206 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

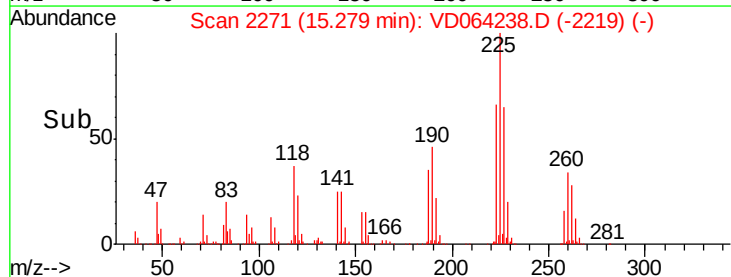
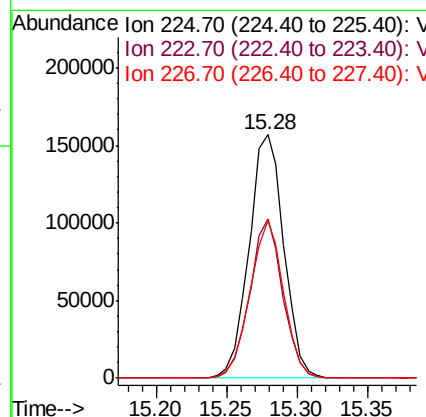
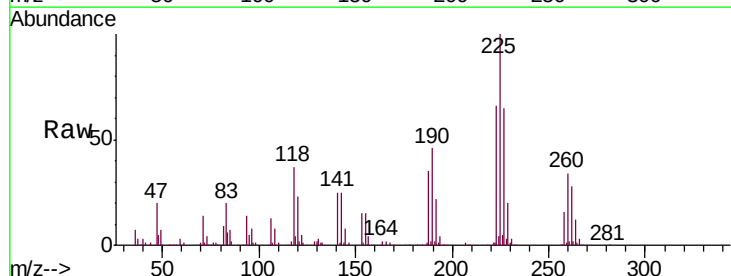
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

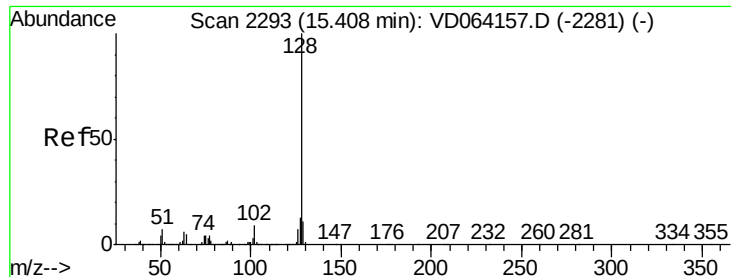
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.5	142.5
145	28.2	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 51.421 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD064238.D
 Acq: 15 Nov 2019 20:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.3
227	62.3	31.5	94.5

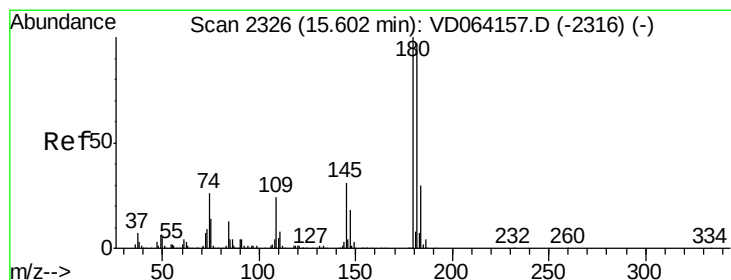
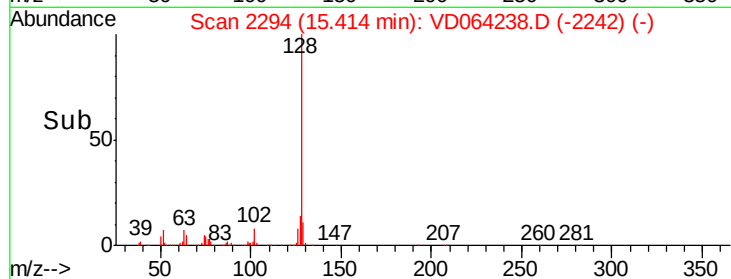
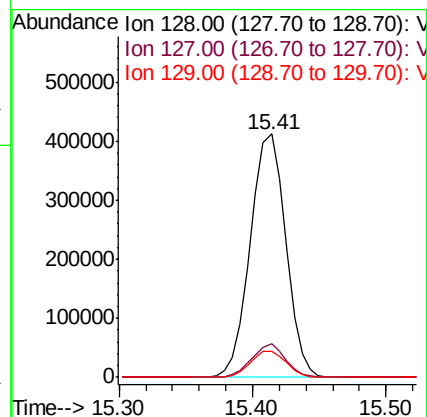
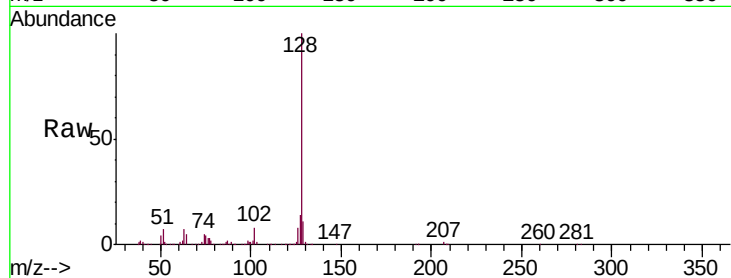




#95
Naphthalene
Concen: 56.557 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 56.141 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.01 min
Lab File: VD064238.D
Acq: 15 Nov 2019 20:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.3	144.9
145	29.6	15.3	45.8

