

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064632.D
 Acq On : 27 Dec 2019 08:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 27 08:40:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	331154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	525246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	482022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	180333	61.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.52%	
35) Dibromofluoromethane	7.92	113	177322	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
50) Toluene-d8	10.34	98	663871	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.64	95	211381	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	110958	43.115	ug/l	96
3) Chloromethane	2.21	50	187379	52.060	ug/l	99
4) Vinyl Chloride	2.35	62	210105	47.876	ug/l	100
5) Bromomethane	2.77	94	165616	51.903	ug/l	97
6) Chloroethane	2.92	64	155143	52.760	ug/l	97
7) Trichlorofluoromethane	3.27	101	346850	46.940	ug/l	100
8) Diethyl Ether	3.71	74	81291	55.400	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	139169	45.477	ug/l	98
10) Methyl Iodide	4.29	142	181316	55.160	ug/l	100
11) Tert butyl alcohol	5.26	59	48560	290.169	ug/l	99
12) 1,1-Dichloroethene	4.06	96	144204	49.496	ug/l	95
13) Acrolein	3.93	56	60853	260.916	ug/l	98
14) Allyl chloride	4.71	41	242662	53.421	ug/l	99
15) Acrylonitrile	5.43	53	185103	302.854	ug/l	98
16) Acetone	4.17	43	141365	227.831	ug/l	93
17) Carbon Disulfide	4.40	76	466204	49.488	ug/l	99
18) Methyl Acetate	4.72	43	95229	57.926	ug/l	98
19) Methyl tert-butyl Ether	5.49	73	380076	58.734	ug/l	94
20) Methylene Chloride	4.96	84	184503	63.056	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	176129	53.083	ug/l	97
22) Diisopropyl ether	6.37	45	514878	56.828	ug/l	97
23) Vinyl Acetate	6.31	43	1571801	305.826	ug/l	99
24) 1,1-Dichloroethane	6.27	63	305340	56.137	ug/l	98
25) 2-Butanone	7.22	43	228525	284.710	ug/l	95
26) 2,2-Dichloropropane	7.21	77	225657	44.622	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	197990	55.291	ug/l	99
28) Bromochloromethane	7.55	49	130815	61.870	ug/l	98
29) Tetrahydrofuran	7.57	42	154199	308.921	ug/l	99
30) Chloroform	7.71	83	326283	57.176	ug/l	98
31) Cyclohexane	7.99	56	234552	43.080	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	273855	51.092	ug/l	99
36) 1,1-Dichloropropene	8.11	75	228308	45.160	ug/l	100
37) Ethyl Acetate	7.30	43	109168	54.967	ug/l	97
38) Carbon Tetrachloride	8.10	117	244910	45.433	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064632.D
 Acq On : 27 Dec 2019 08:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Dec 27 08:40:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	254849	41.621	ug/l	95
40) Benzene	8.36	78	703373	50.966	ug/l	98
41) Methacrylonitrile	7.53	41	61303	53.200	ug/l	94
42) 1,2-Dichloroethane	8.43	62	211762	53.098	ug/l	100
43) Isopropyl Acetate	8.46	43	212029	53.637	ug/l	98
44) Trichloroethene	9.11	130	199355	49.171	ug/l	93
45) 1,2-Dichloropropane	9.39	63	170436	51.723	ug/l	100
46) Dibromomethane	9.48	93	99059	53.920	ug/l	97
47) Bromodichloromethane	9.66	83	256719	52.514	ug/l	95
48) Methyl methacrylate	9.46	41	101746	54.663	ug/l	92
49) 1,4-Dioxane	9.47	88	23635	1115.718	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	551474	282.240	ug/l	99
52) Toluene	10.40	92	455607	50.319	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	240463	52.759	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	272692	50.741	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	131674	53.183	ug/l	98
56) Ethyl methacrylate	10.66	69	169465	54.806	ug/l	97
57) 1,3-Dichloropropane	10.94	76	228619	53.629	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	309243	262.504	ug/l	98
59) 2-Hexanone	10.99	43	366778	276.571	ug/l	99
60) Dibromochloromethane	11.14	129	182006	53.159	ug/l	98
61) 1,2-Dibromoethane	11.25	107	130993	53.642	ug/l	99
64) Tetrachloroethene	10.88	164	165061	44.635	ug/l	98
65) Chlorobenzene	11.67	112	489367	48.916	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	191742	50.840	ug/l	99
67) Ethyl Benzene	11.75	91	859626	47.340	ug/l	97
68) m/p-Xylenes	11.86	106	667261	95.204	ug/l	97
69) o-Xylene	12.18	106	311399	49.189	ug/l	100
70) Styrene	12.20	104	561350	50.517	ug/l	98
71) Bromoform	12.37	173	111910	52.032	ug/l	99
73) Isopropylbenzene	12.48	105	812727	48.278	ug/l	100
74) N-amyl acetate	12.29	43	198364	55.123	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	142988	54.069	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	182462	98.087	ug/l #	100
77) Bromobenzene	12.77	156	212947	51.480	ug/l	99
78) n-propylbenzene	12.83	91	940440	47.885	ug/l	99
79) 2-Chlorotoluene	12.91	91	532701	49.376	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	678220	49.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	42543	47.832	ug/l	97
82) 4-Chlorotoluene	13.01	91	564827	49.195	ug/l	99
83) tert-Butylbenzene	13.23	119	584912	48.715	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	687234	49.899	ug/l	98
85) sec-Butylbenzene	13.41	105	774395	47.045	ug/l	100
86) p-Isopropyltoluene	13.52	119	740866	47.071	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	386615	49.029	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	384472	49.632	ug/l	99
89) n-Butylbenzene	13.85	91	629818	44.435	ug/l	99
90) Hexachloroethane	14.12	117	146119	48.600	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	340636	50.660	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22960	53.556	ug/l	96

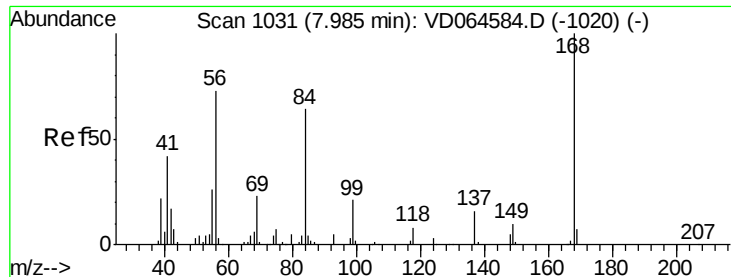
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\
Data File : VD064632.D
Acq On : 27 Dec 2019 08:16
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 27 08:40:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	235808	47.629	ug/l	99
94) Hexachlorobutadiene	15.28	225	130474	41.879	ug/l	97
95) Naphthalene	15.41	128	420635	53.704	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	211045	49.932	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

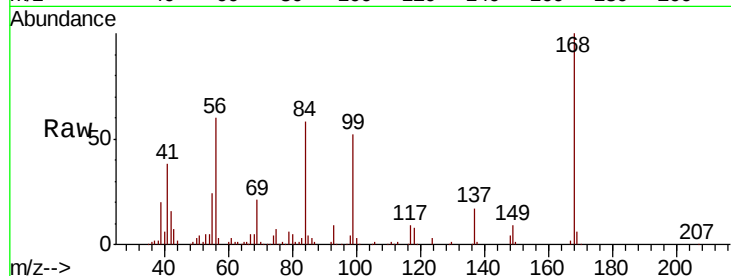
VSTDCCC050EC

Tot Ion:168 Resp: 331154

Ion Ratio Lower Upper

168 100

99 52.2 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

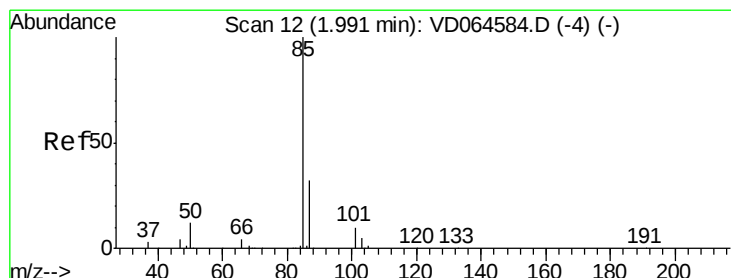
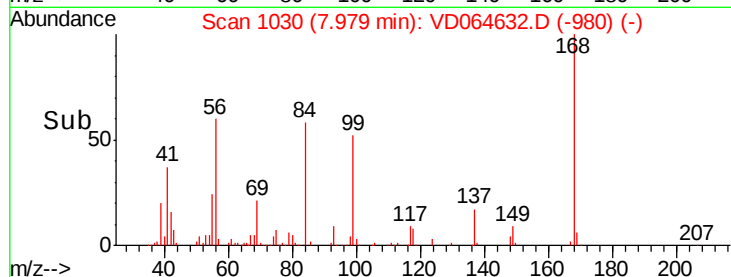
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.115 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064632.D

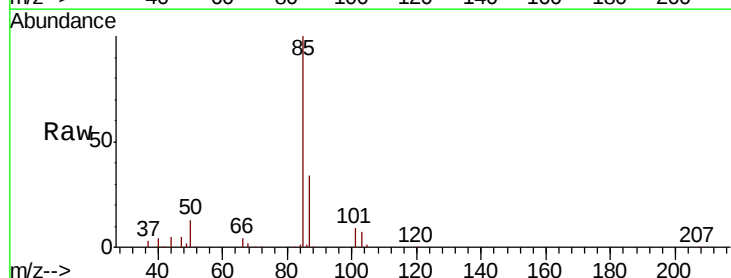
Acq: 27 Dec 2019 08:16

Tgt Ion: 85 Resp: 110958

Ion Ratio Lower Upper

85 100

87 34.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

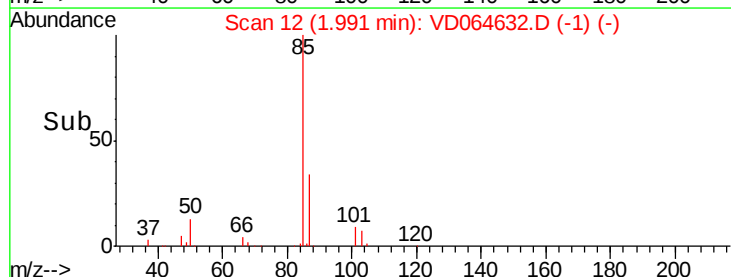
40000

20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 52.060 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

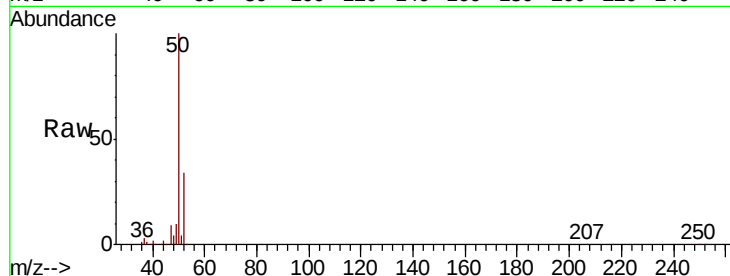
VSTDCCC050EC

Tot Ion: 50 Resp: 187379

Ion Ratio Lower Upper

50 100

52 33.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

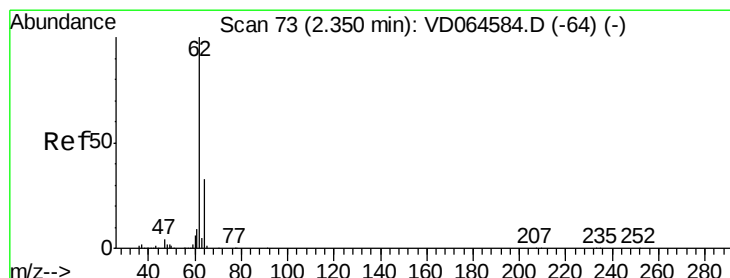
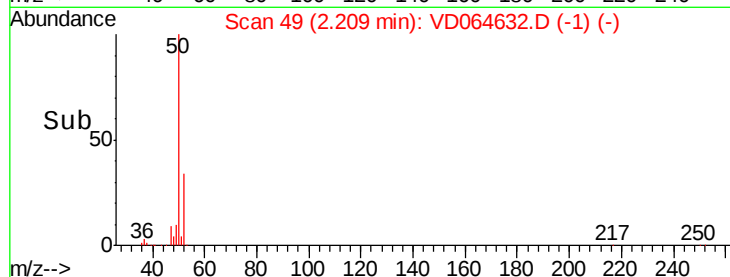
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.876 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064632.D

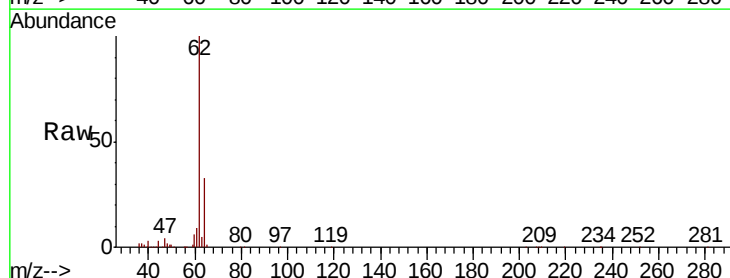
Acq: 27 Dec 2019 08:16

Tgt Ion: 62 Resp: 210105

Ion Ratio Lower Upper

62 100

64 33.1 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

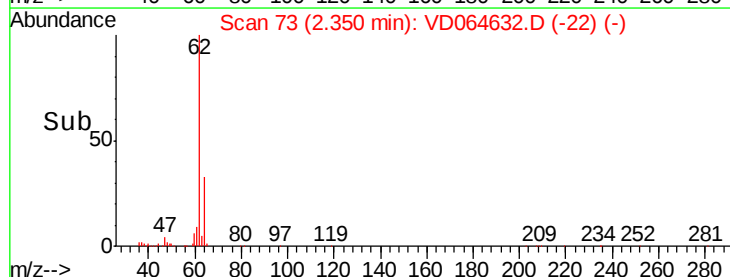
150000

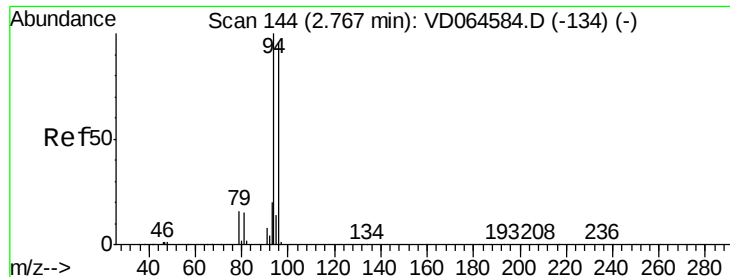
100000

50000

0

Time-->





#5

Bromomethane

Concen: 51.903 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

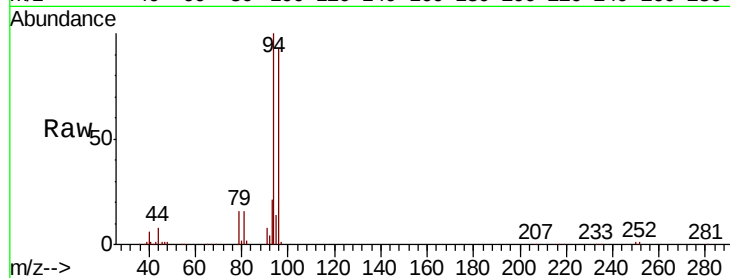
VSTDCCC050EC

Tot Ion: 94 Resp: 165616

Ion Ratio Lower Upper

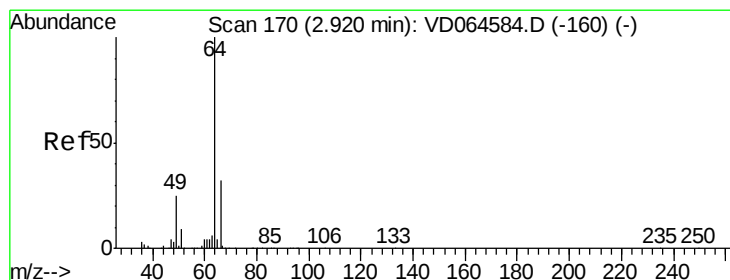
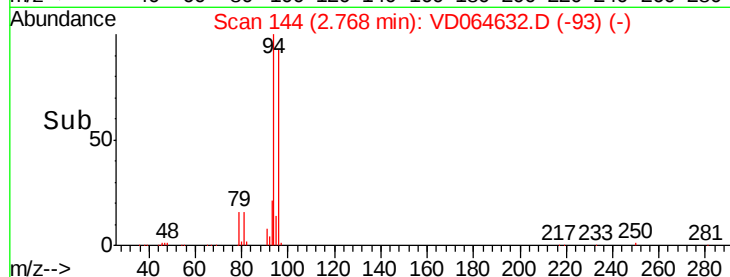
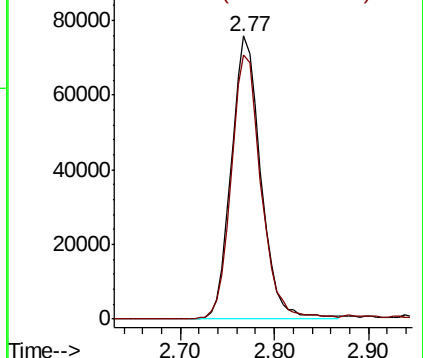
94 100

96 93.3 77.2 115.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.760 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064632.D

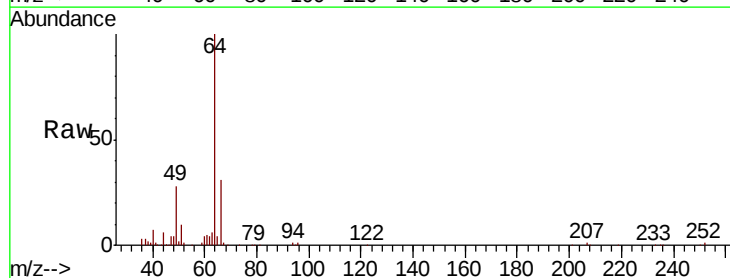
Acq: 27 Dec 2019 08:16

Tgt Ion: 64 Resp: 155143

Ion Ratio Lower Upper

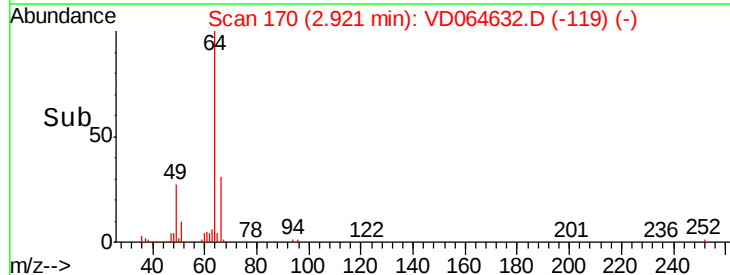
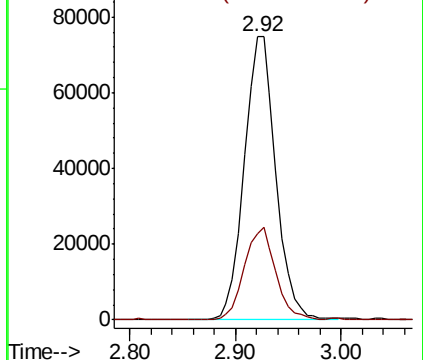
64 100

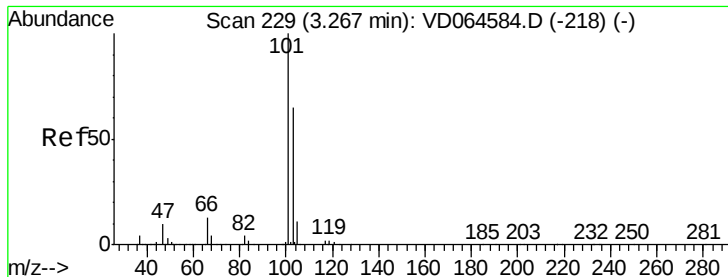
66 30.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



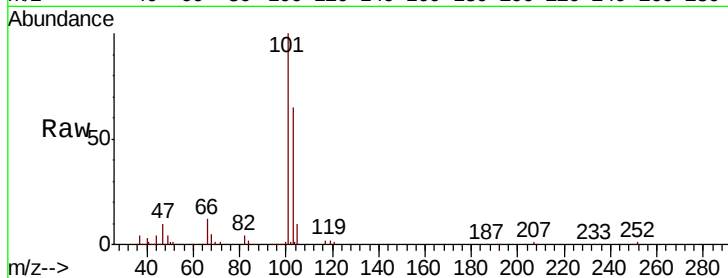


#7

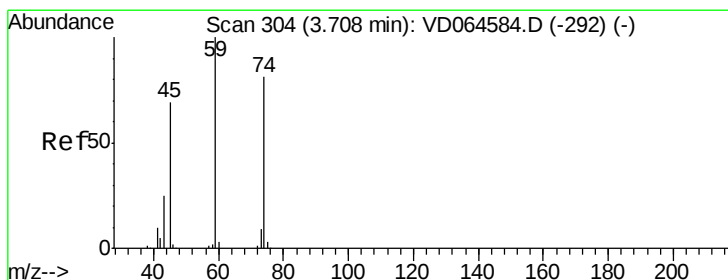
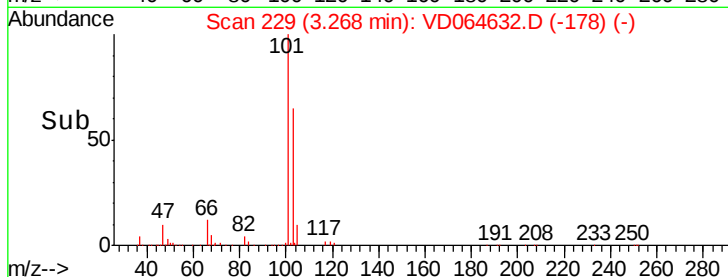
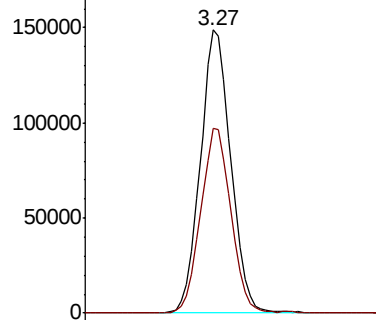
Trichlorofluoromethane
 Concen: 46.940 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 346850
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.4



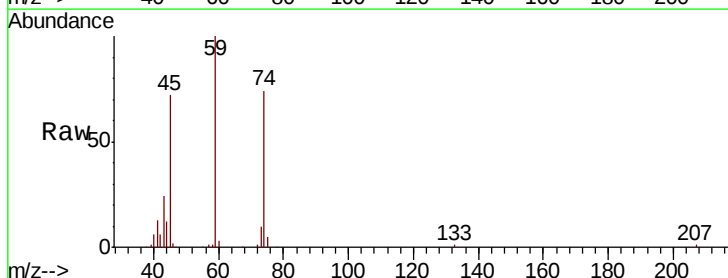
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



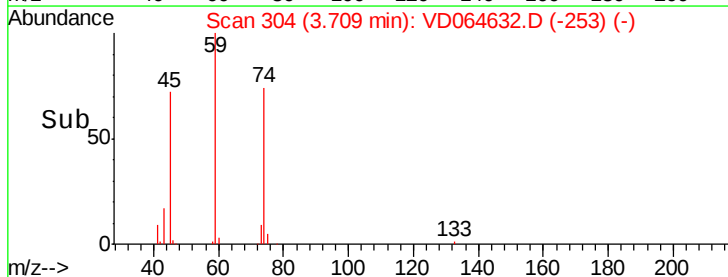
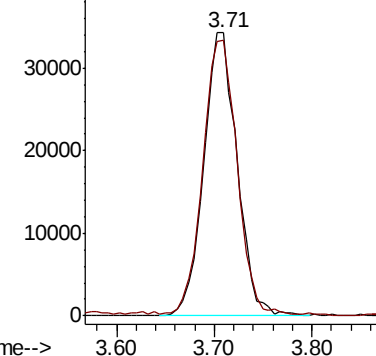
#8

Diethyl Ether
 Concen: 55.400 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion: 74 Resp: 81291
 Ion Ratio Lower Upper
 74 100
 45 98.8 47.5 142.5



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.477 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

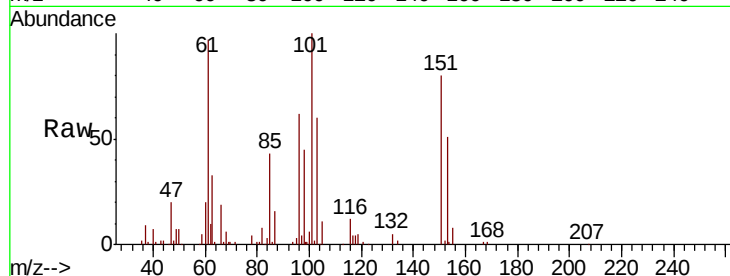
Tot Ion:101 Resp: 139169

Ion Ratio Lower Upper

101 100

85 43.5 35.2 52.8

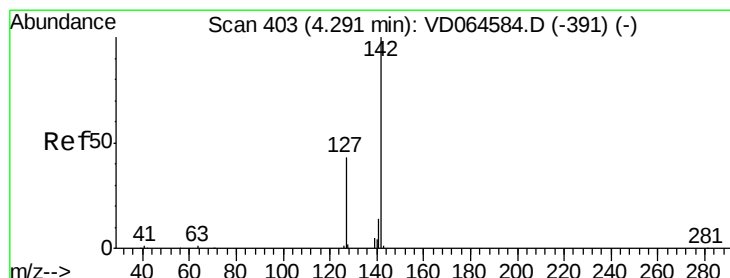
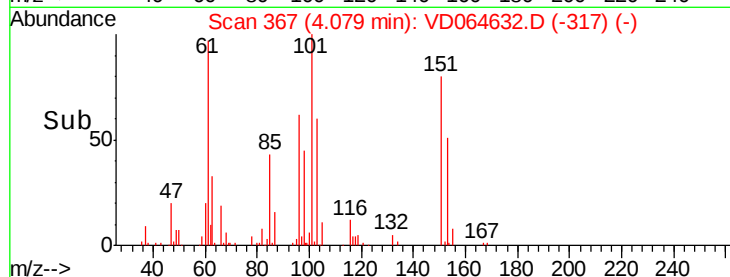
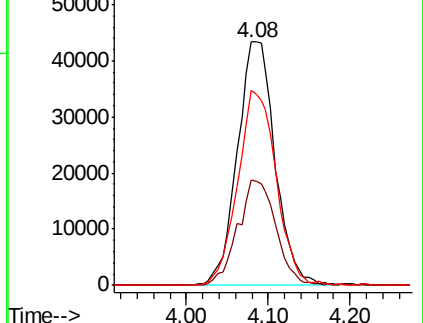
151 81.0 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.160 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

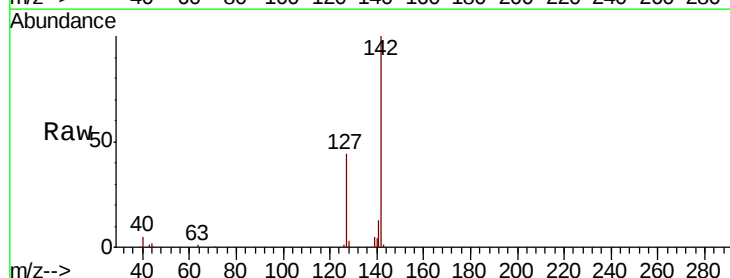
Tgt Ion:142 Resp: 181316

Ion Ratio Lower Upper

142 100

127 45.3 36.2 54.4

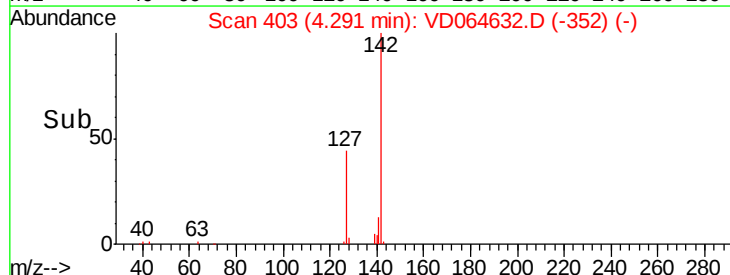
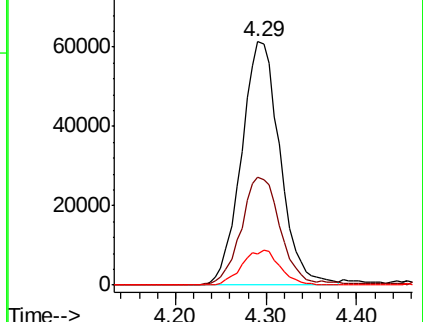
141 14.2 11.8 17.8

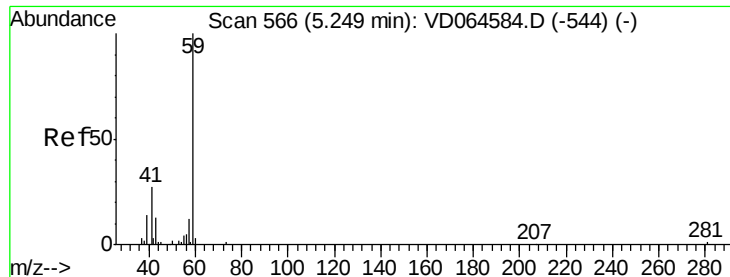


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

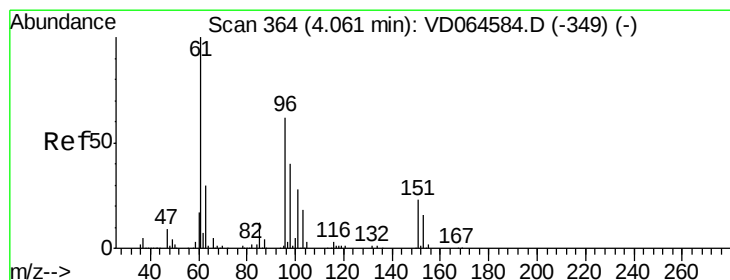
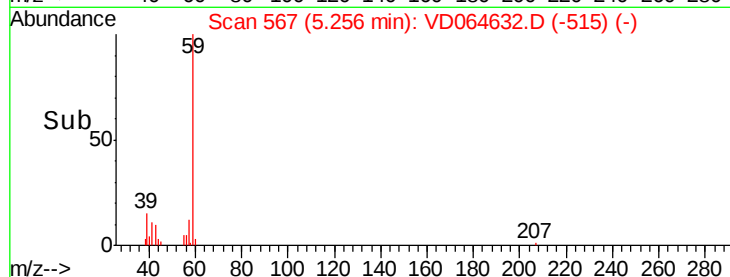
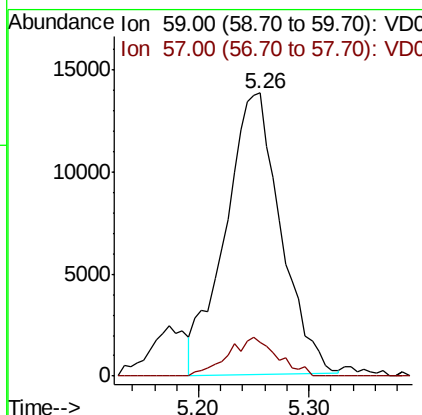
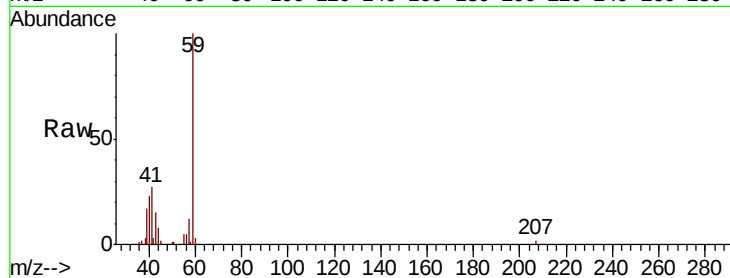




#11
Tert butyl alcohol
Concen: 290.169 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

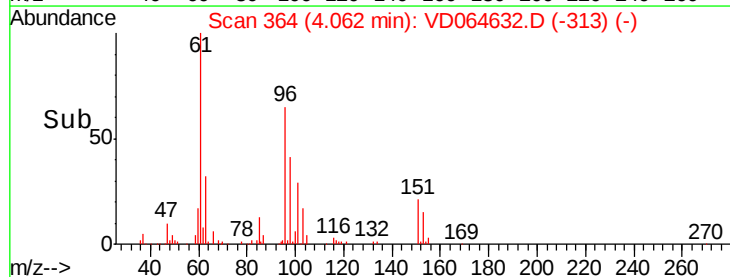
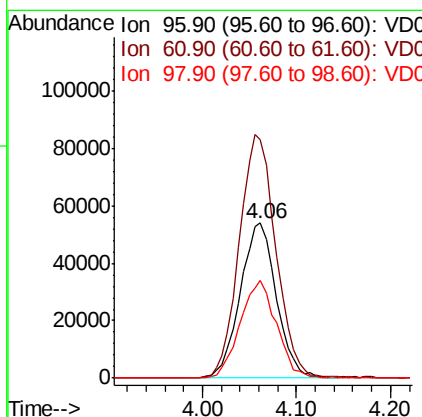
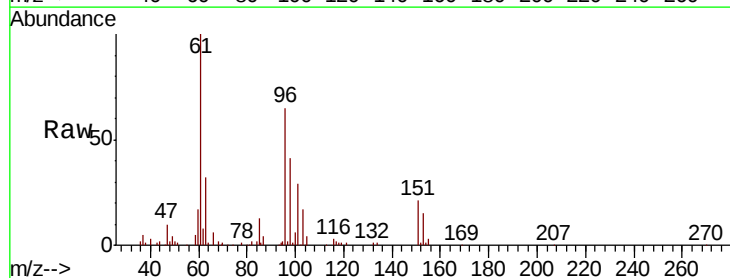
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

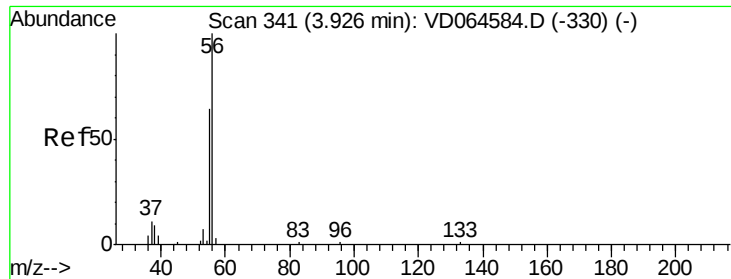
Tot Ion: 59 Resp: 48560
Ion Ratio Lower Upper
59 100
57 12.1 9.3 13.9



#12
1,1-Dichloroethene
Concen: 49.496 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 96 Resp: 144204
Ion Ratio Lower Upper
96 100
61 153.8 129.4 194.0
98 63.0 51.4 77.0





#13

Acrolein

Concen: 260.916 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

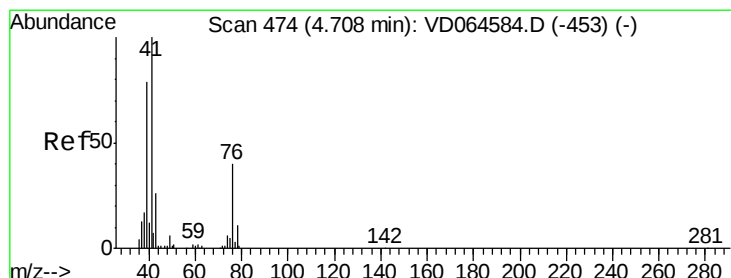
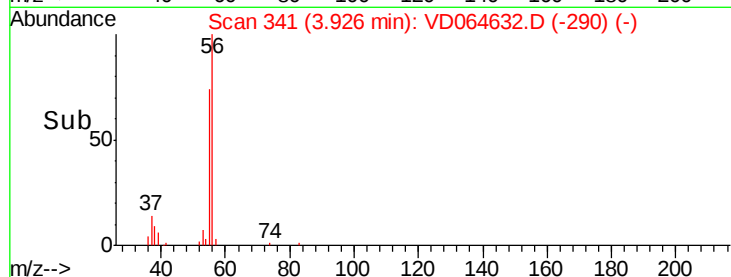
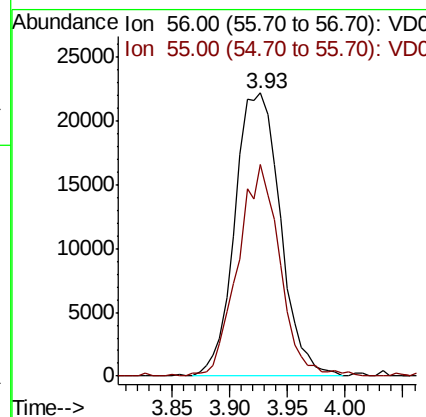
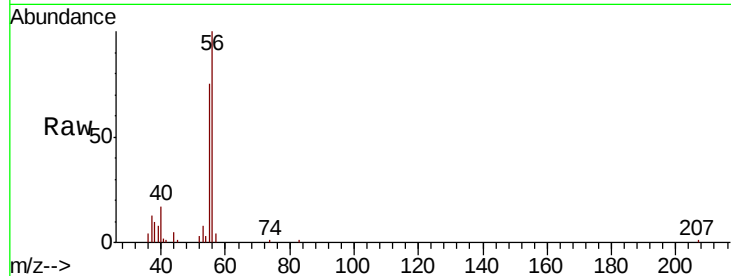
VSTDCCC050EC

Tot Ion: 56 Resp: 60853

Ion Ratio Lower Upper

56 100

55 68.9 56.7 85.1



#14

Allyl chloride

Concen: 53.421 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

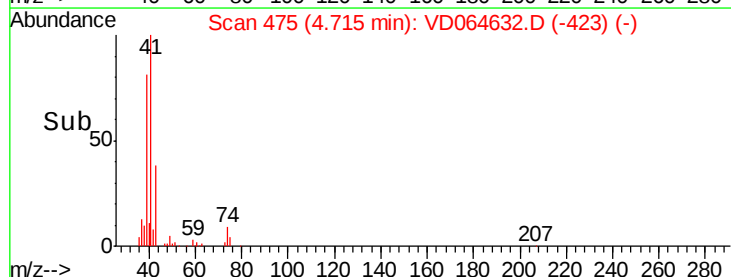
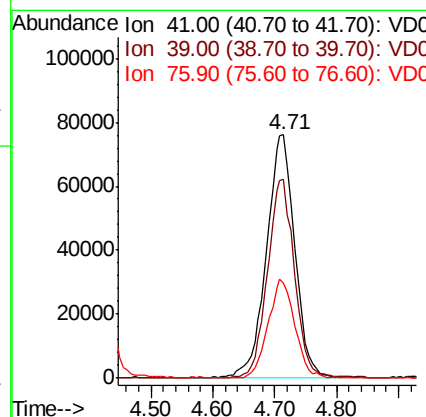
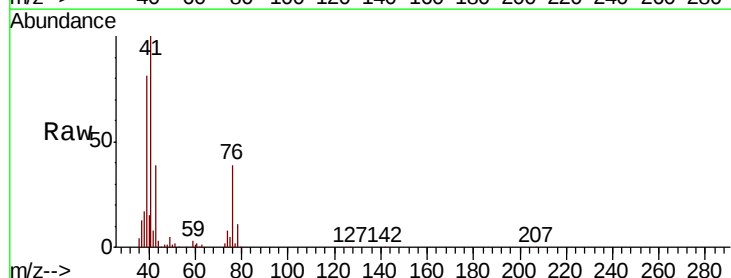
Tgt Ion: 41 Resp: 242662

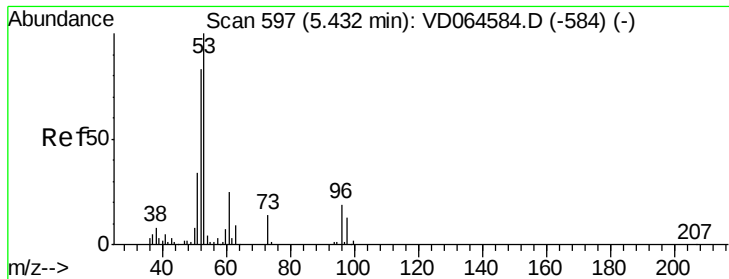
Ion Ratio Lower Upper

41 100

39 77.3 62.3 93.5

76 38.2 29.7 44.5





#15

Acrylonitrile

Concen: 302.854 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

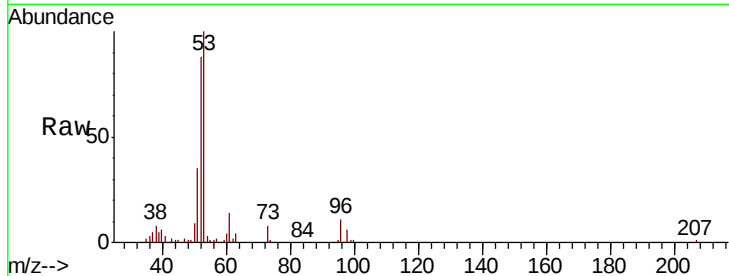
Tot Ion: 53 Resp: 185103

Ion Ratio Lower Upper

53 100

52 84.9 66.2 99.2

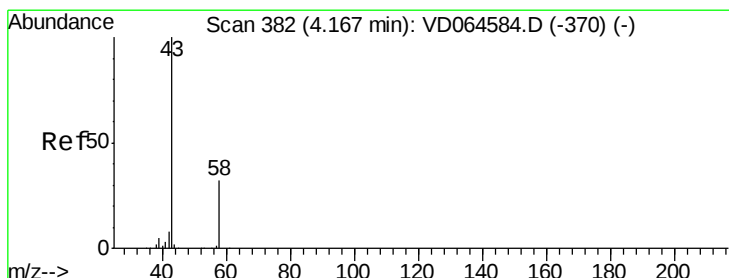
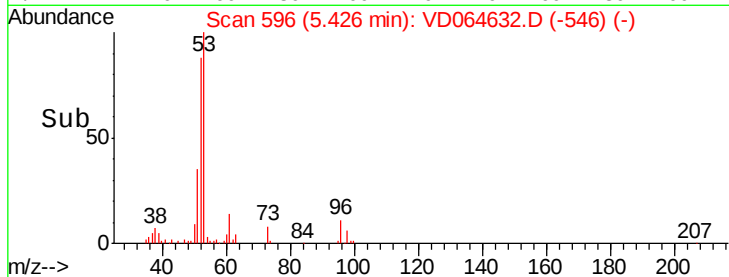
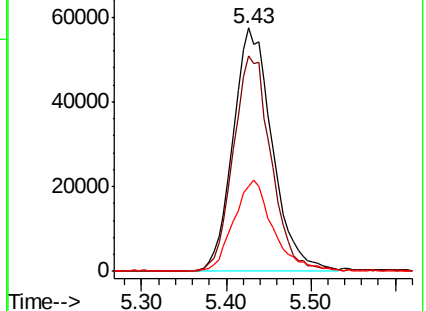
51 37.7 30.1 45.1



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: 227.831 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064632.D

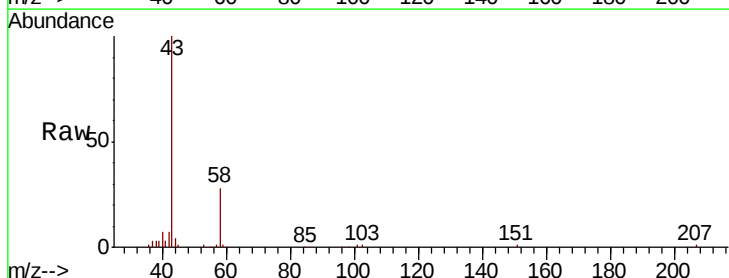
Acq: 27 Dec 2019 08:16

Tgt Ion: 43 Resp: 141365

Ion Ratio Lower Upper

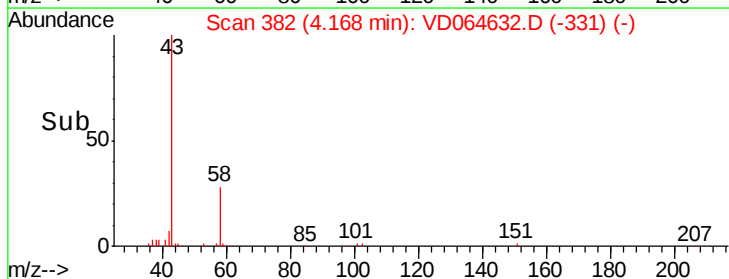
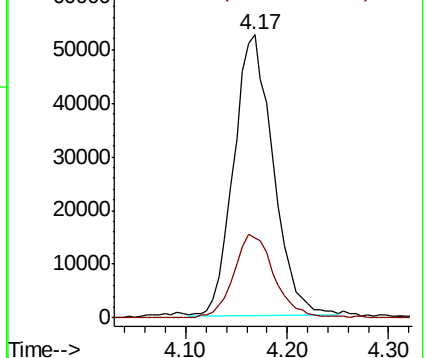
43 100

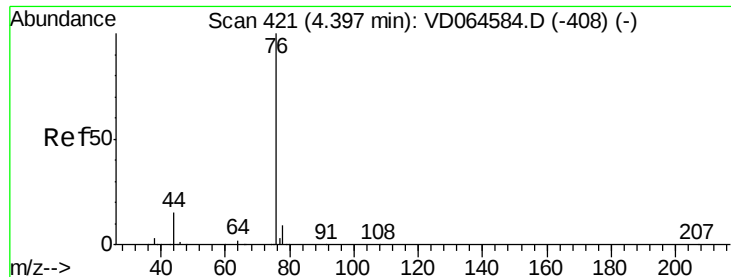
58 28.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

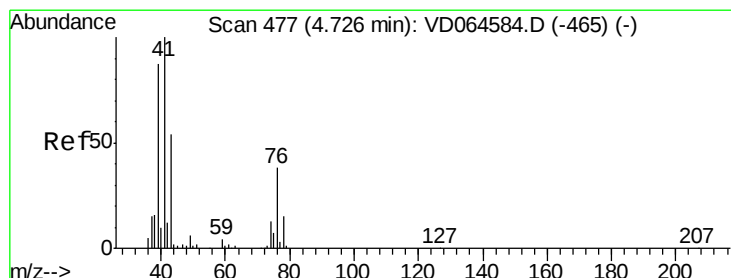
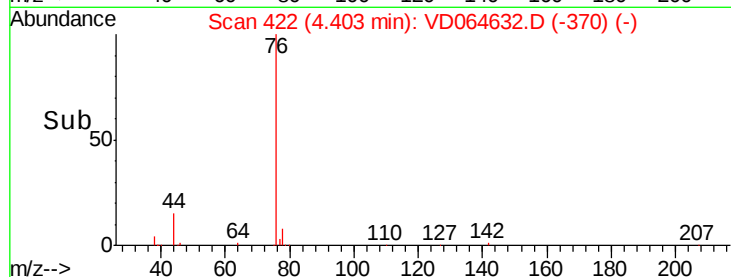
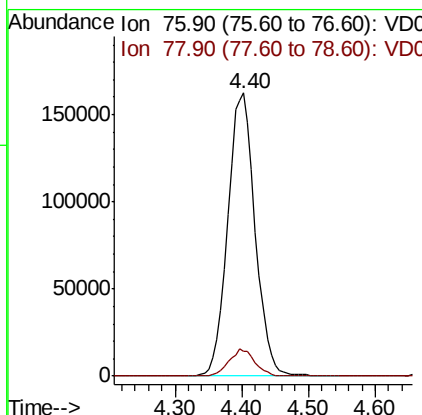
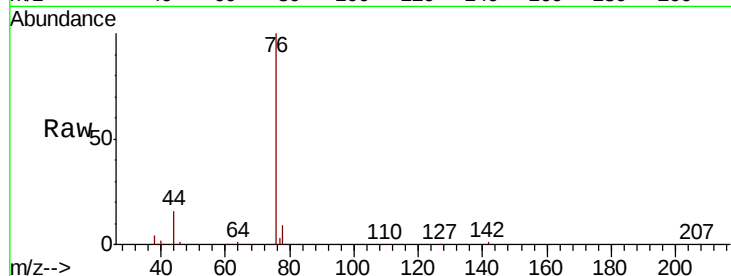




#17
Carbon Disulfide
Concen: 49.488 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

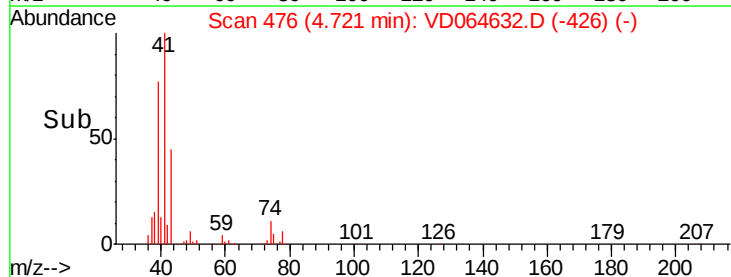
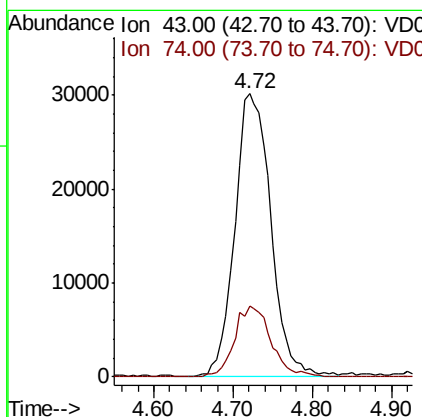
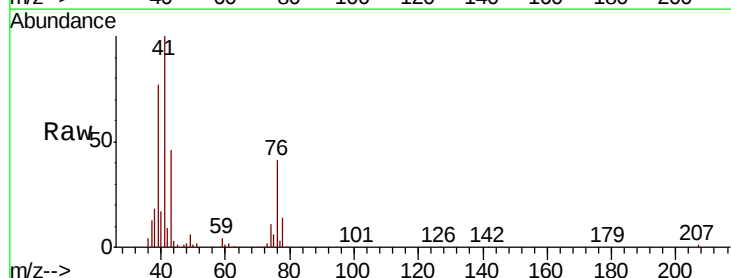
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 466204
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 57.926 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 43 Resp: 95229
Ion Ratio Lower Upper
43 100
74 25.1 19.2 28.8

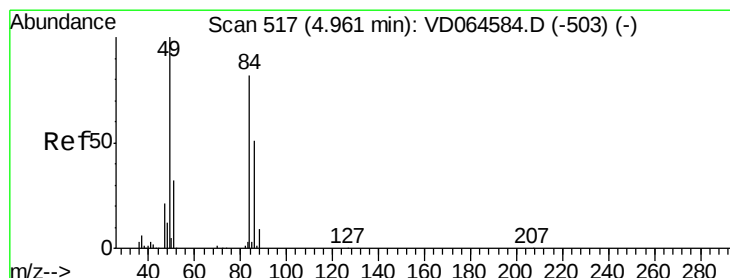
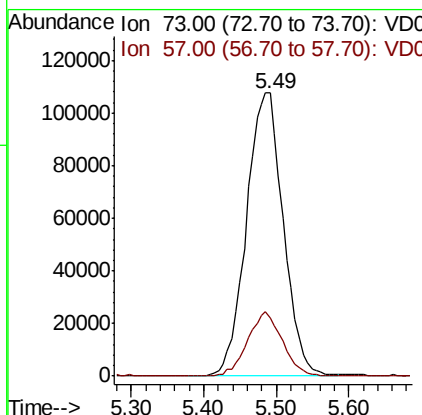
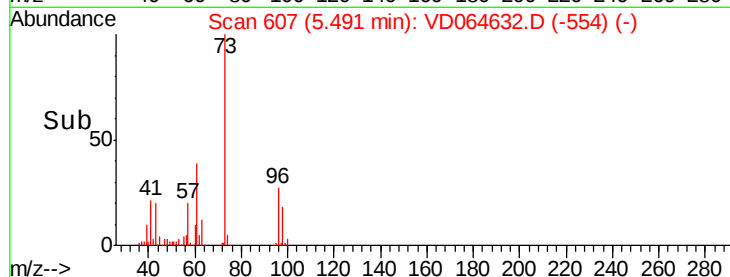
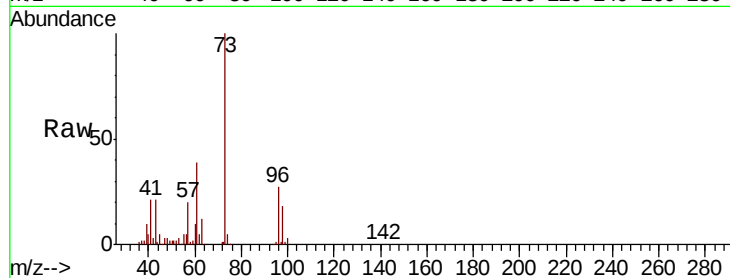




#19
Methvl tert-butvl Ether
Concen: 58.734 ug/l
RT: 5.49 min Scan# 607
Delta R.T. 0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

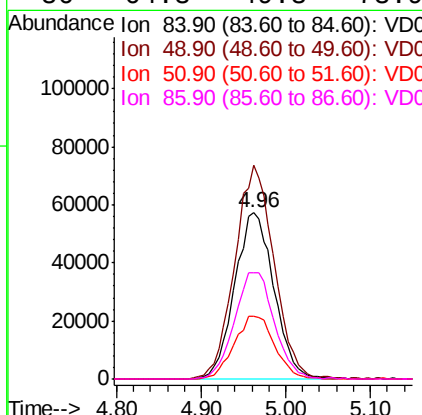
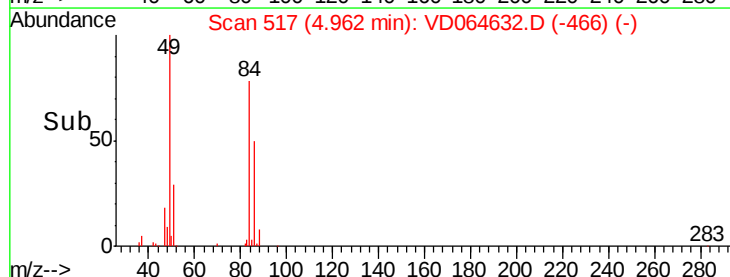
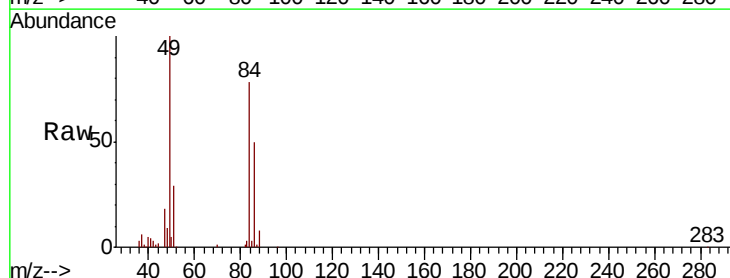
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

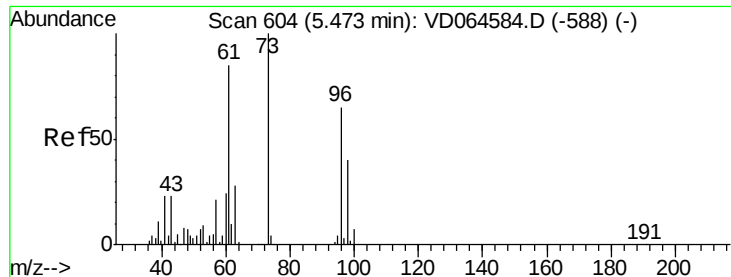
Tot Ion: 73 Resp: 380076
Ion Ratio Lower Upper
73 100
57 20.4 18.6 27.8



#20
Methylene Chloride
Concen: 63.056 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 84 Resp: 184503
Ion Ratio Lower Upper
84 100
49 128.7 97.2 145.8
51 37.6 31.4 47.0
86 64.3 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 53.083 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

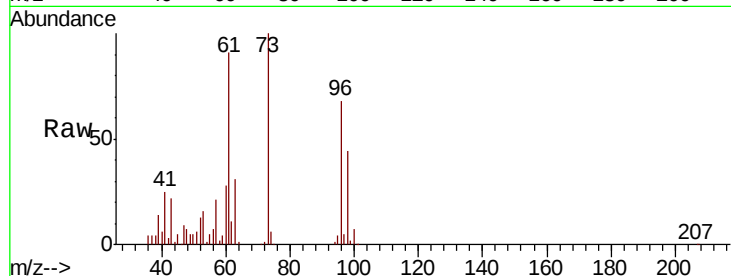
Tot Ion: 96 Resp: 176129

Ion Ratio Lower Upper

96 100

61 134.5 104.7 157.1

98 64.4 49.4 74.2

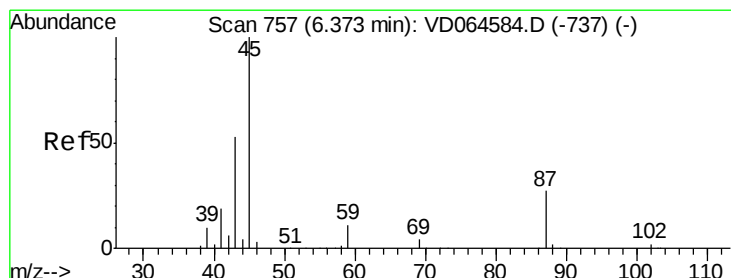
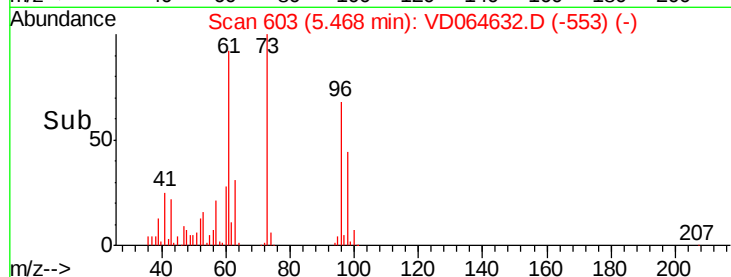
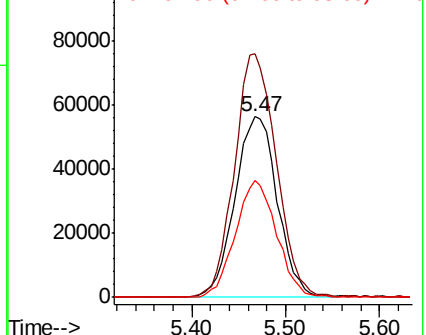


Abundance

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



#22

Diisopropyl ether

Concen: 56.828 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Tgt Ion: 45 Resp: 514878

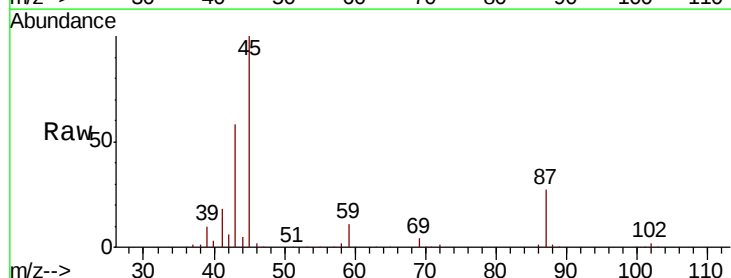
Ion Ratio Lower Upper

45 100

43 57.3 43.2 64.8

87 26.8 21.9 32.9

59 10.8 9.0 13.4



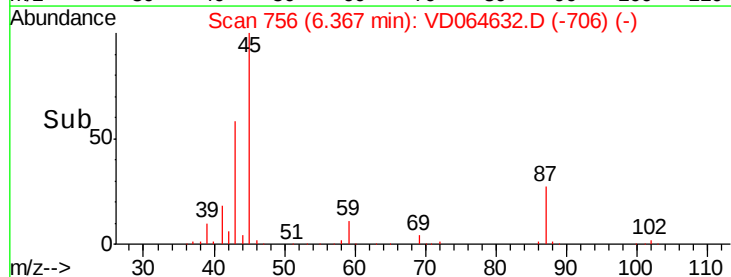
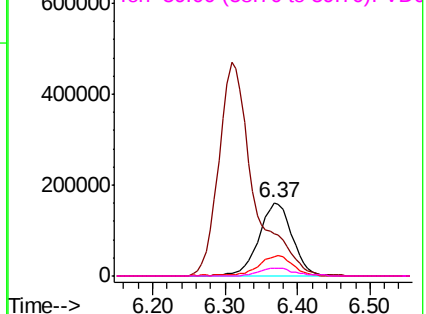
Abundance

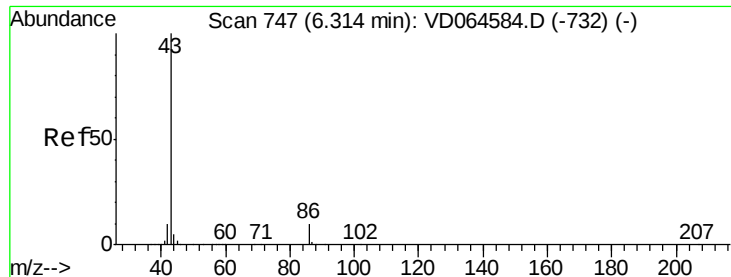
Ion 45.00 (44.70 to 45.70): VDC

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: 305.826 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

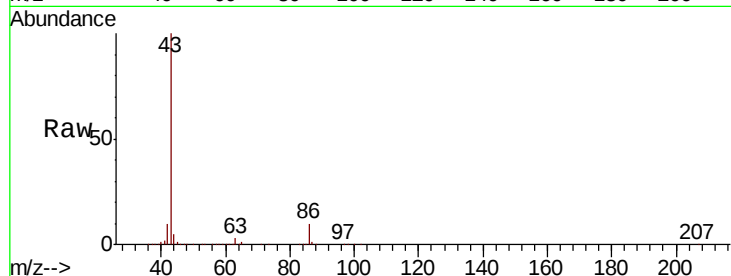
VSTDCCC050EC

Tot Ion: 43 Resp: 1571801

Ion Ratio Lower Upper

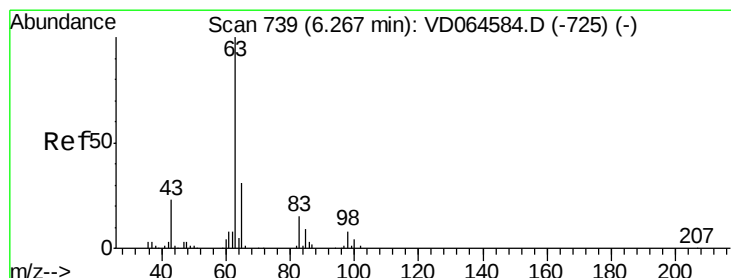
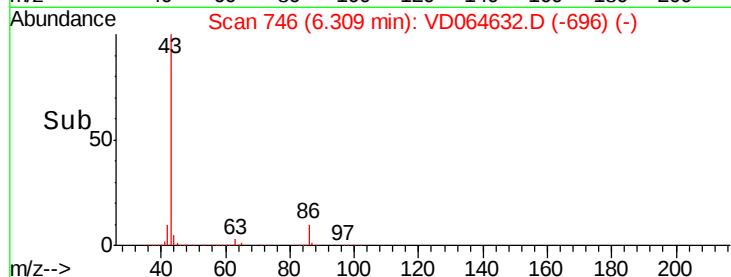
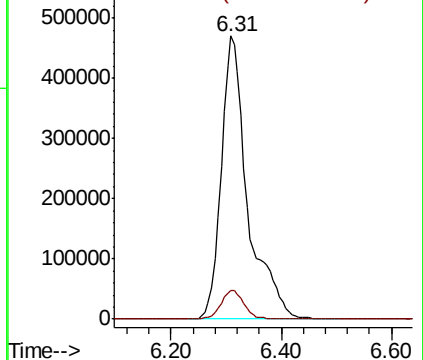
43 100

86 10.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 56.137 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

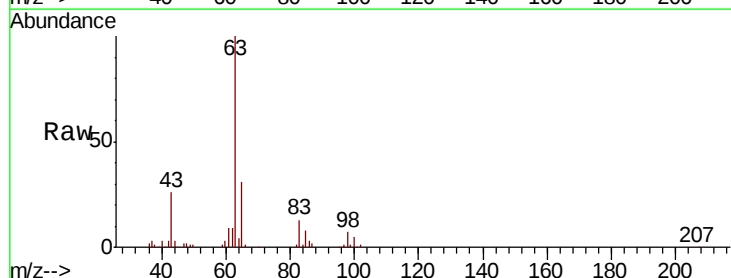
Tgt Ion: 63 Resp: 305340

Ion Ratio Lower Upper

63 100

98 7.0 4.1 12.3

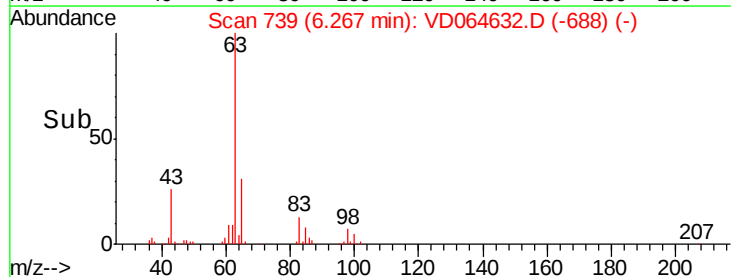
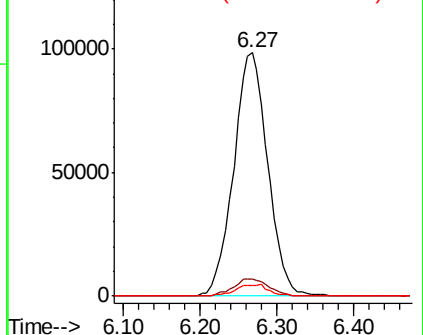
100 4.6 2.2 6.6

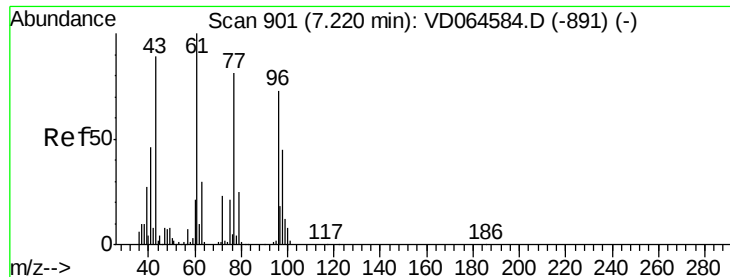


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 284.710 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

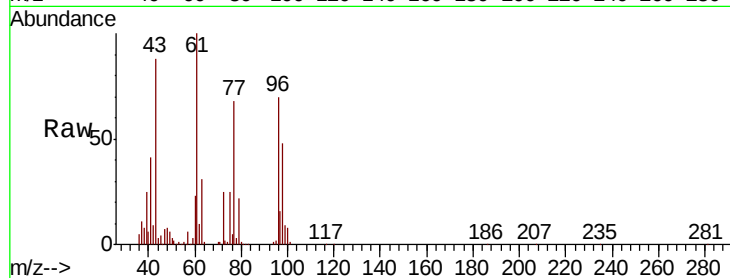
VSTDCCC050EC

Tot Ion: 43 Resp: 228525

Ion Ratio Lower Upper

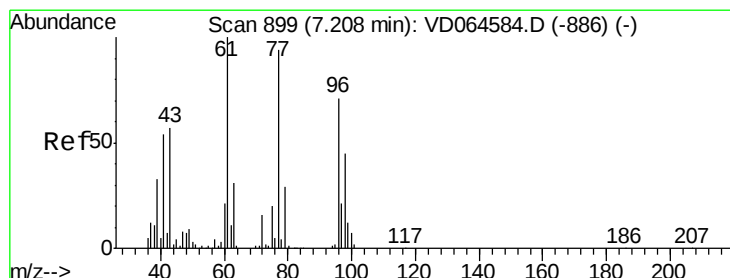
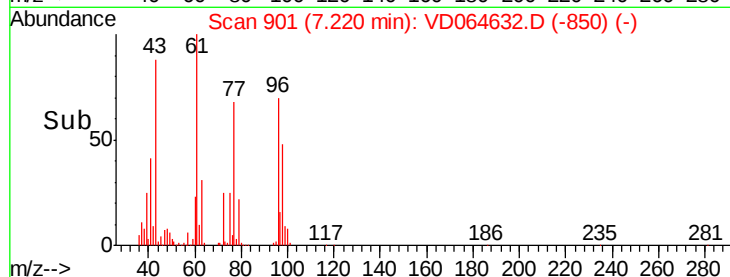
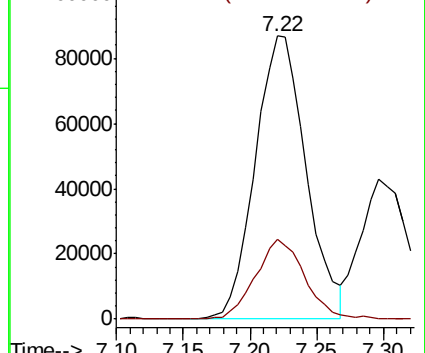
43 100

72 28.2 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 44.622 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD064632.D

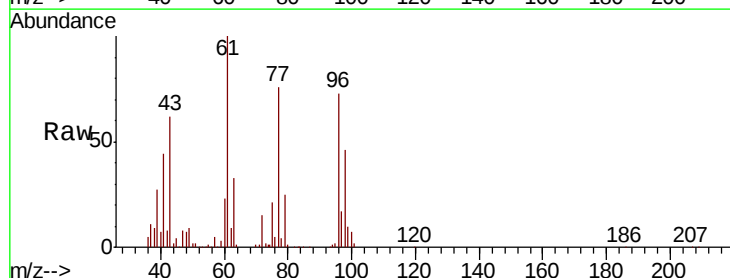
Acq: 27 Dec 2019 08:16

Tgt Ion: 77 Resp: 225657

Ion Ratio Lower Upper

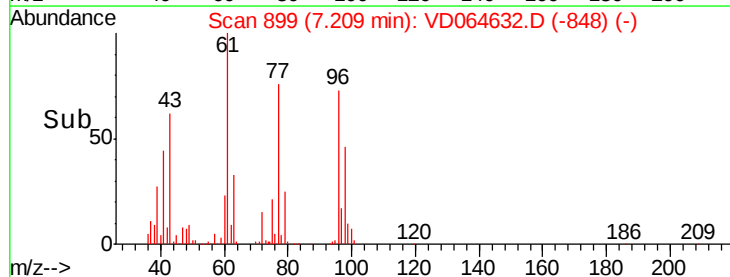
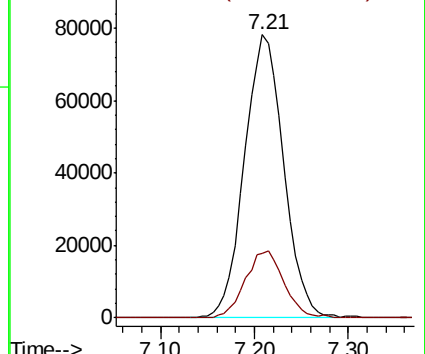
77 100

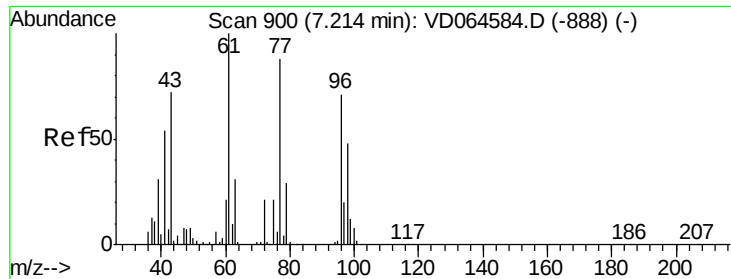
97 23.5 11.2 33.6



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: 55.291 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

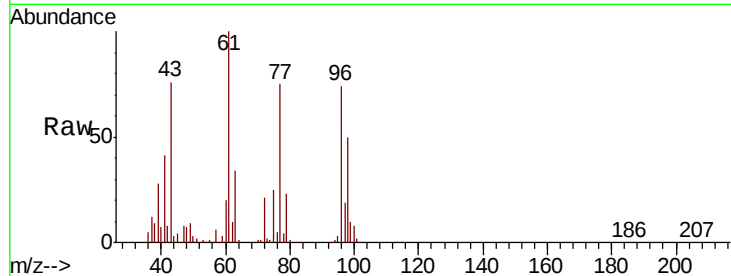
Tot Ion: 96 Resp: 197990

Ion Ratio Lower Upper

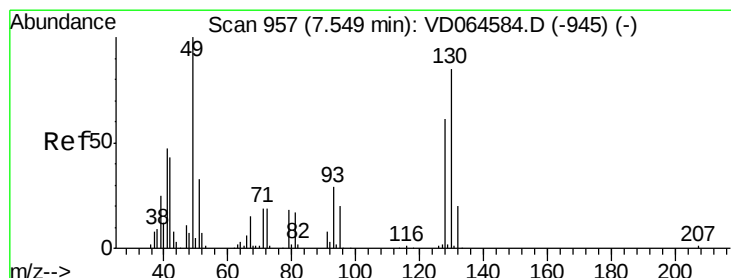
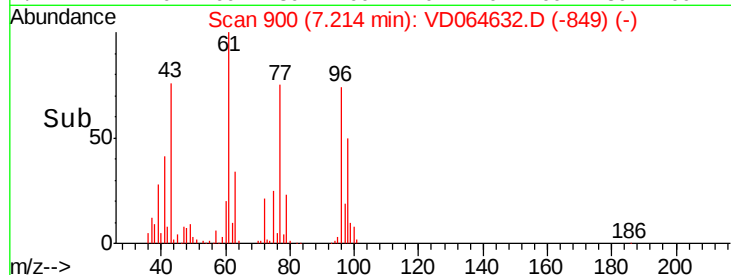
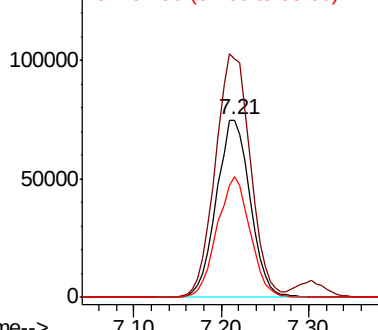
96 100

61 141.8 0.0 282.6

98 66.3 0.0 130.8



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: 61.870 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

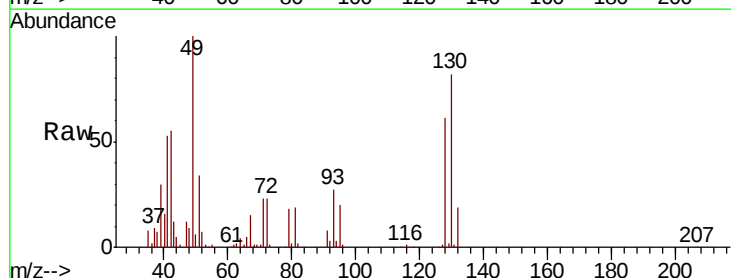
Tgt Ion: 49 Resp: 130815

Ion Ratio Lower Upper

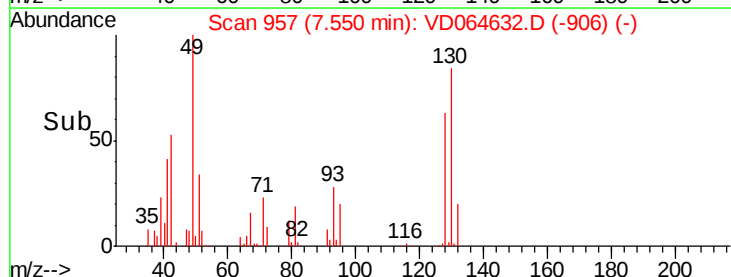
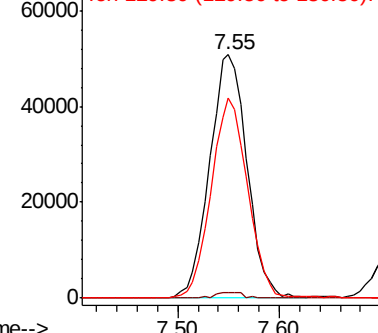
49 100

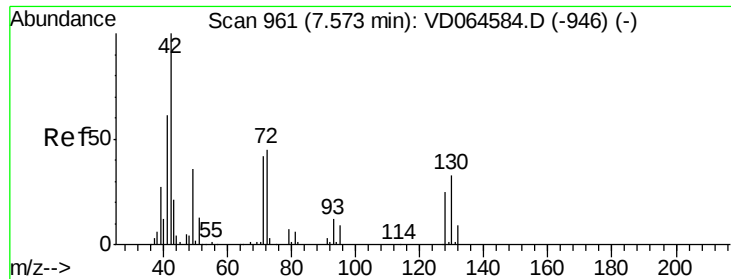
129 1.9 0.0 4.8

130 79.9 65.0 97.6



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

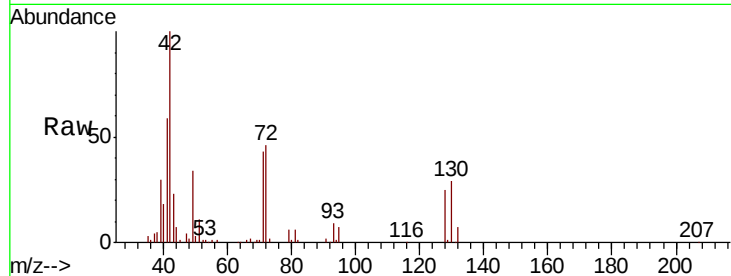




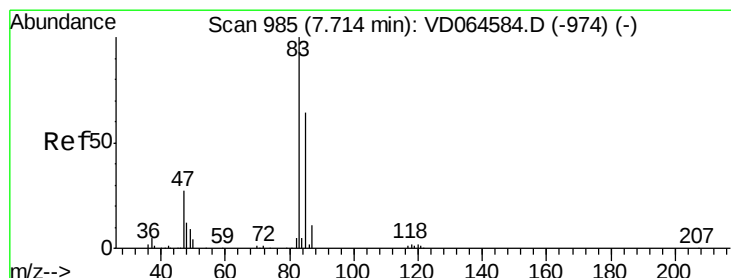
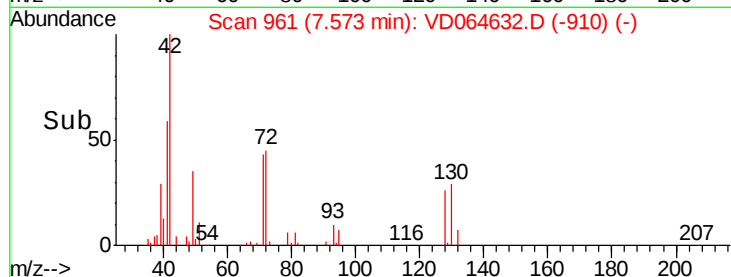
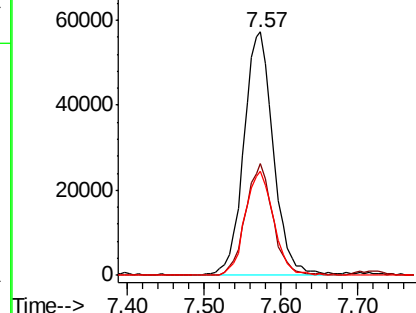
#29
Tetrahydrofuran
Concen: 308.921 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 154199
Ion Ratio Lower Upper
42 100
72 42.3 35.0 52.4
71 41.0 32.9 49.3

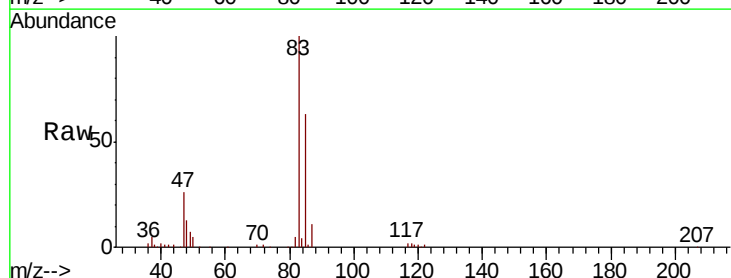


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

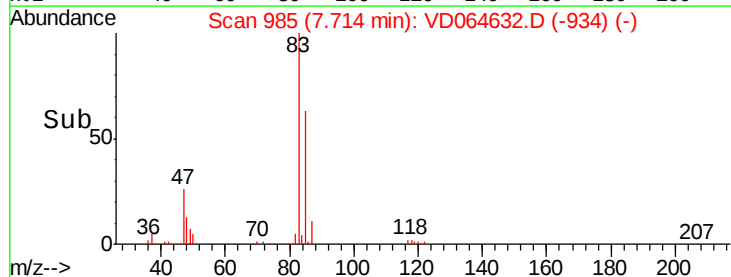
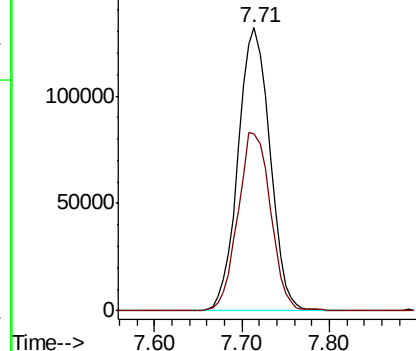


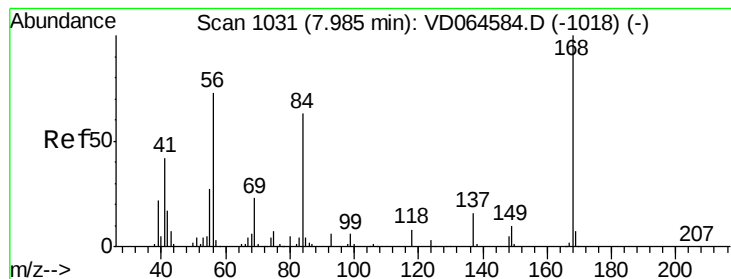
#30
Chloroform
Concen: 57.176 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 83 Resp: 326283
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7



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





#31

Cyclohexane

Concen: 43.080 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

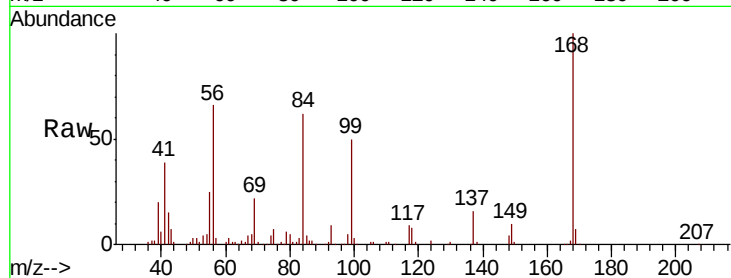
Tot Ion: 56 Resp: 234552

Ion Ratio Lower Upper

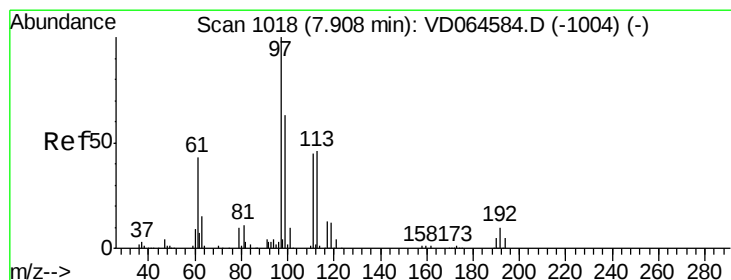
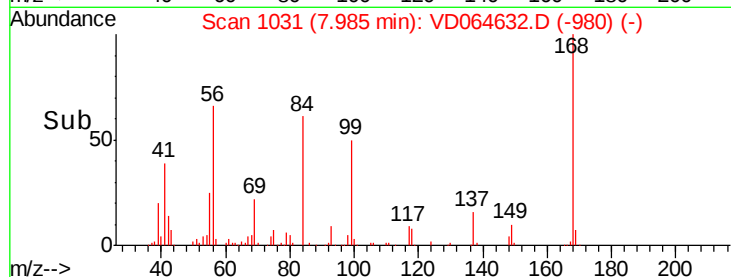
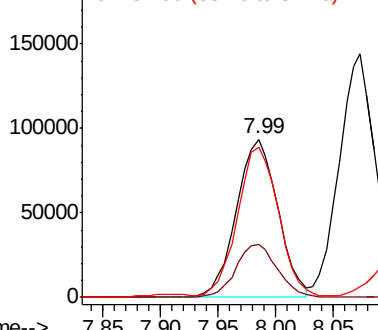
56 100

69 33.5 24.7 37.1

84 92.7 69.4 104.2



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



#32

1,1,1-Trichloroethane

Concen: 51.092 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

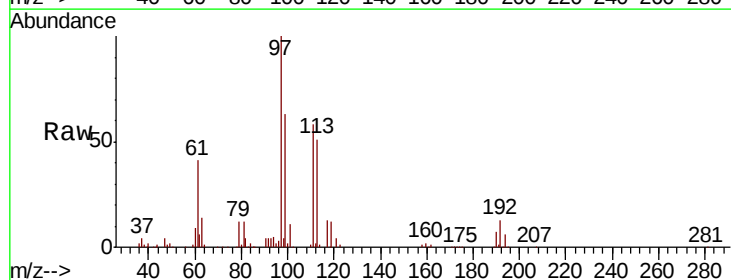
Tgt Ion: 97 Resp: 273855

Ion Ratio Lower Upper

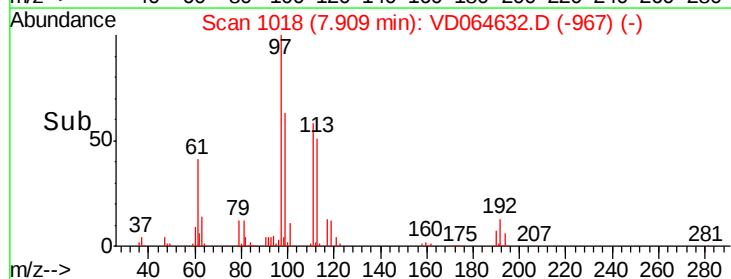
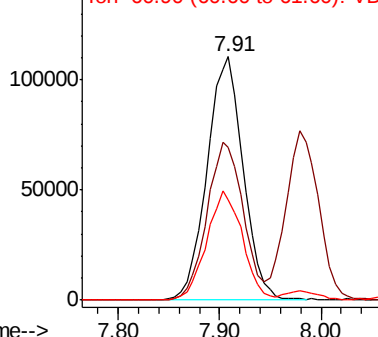
97 100

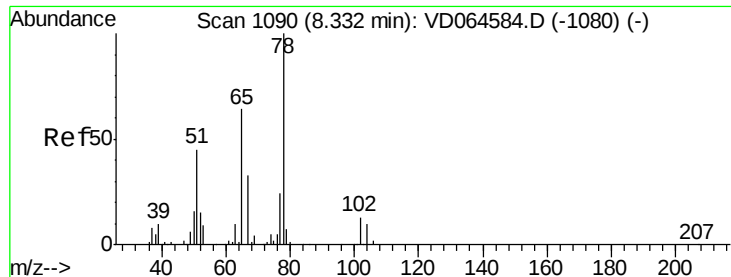
99 65.3 51.0 76.6

61 44.6 35.4 53.0



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





#33

1,2-Dichloroethane-d4

Concen: 61.756 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

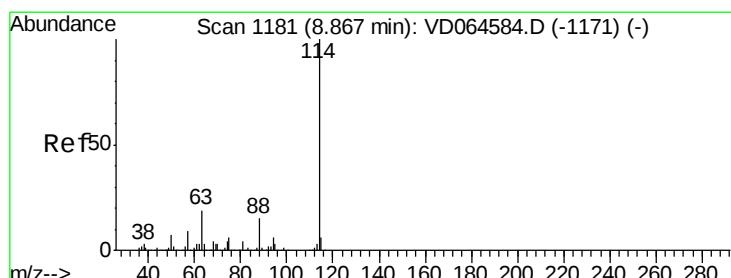
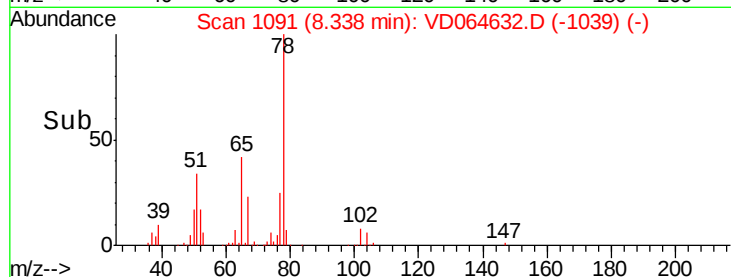
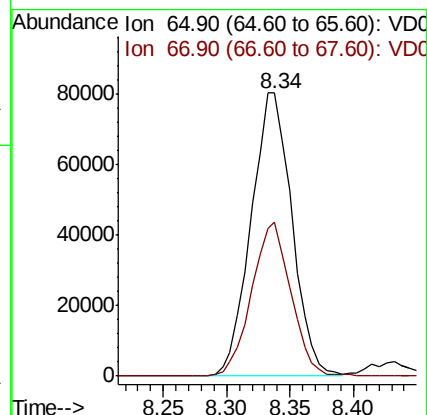
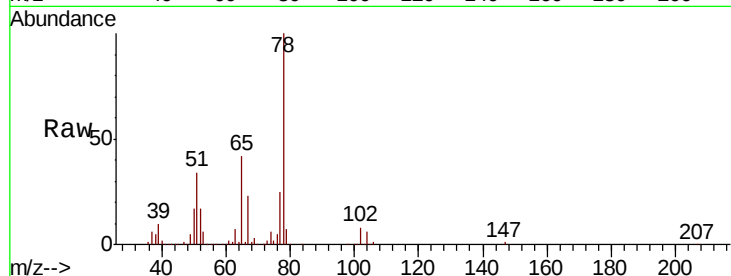
VSTDCCC050EC

Tot Ion: 65 Resp: 180333

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

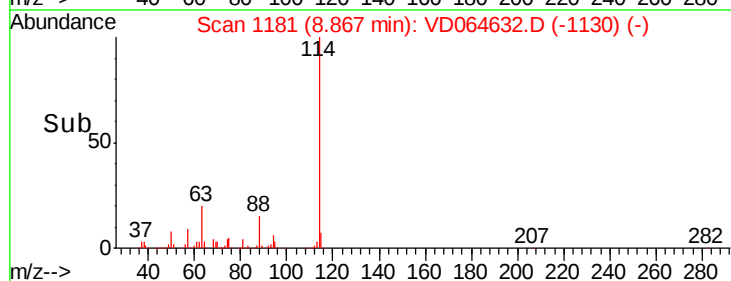
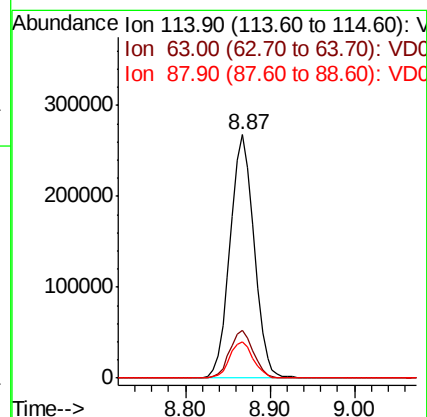
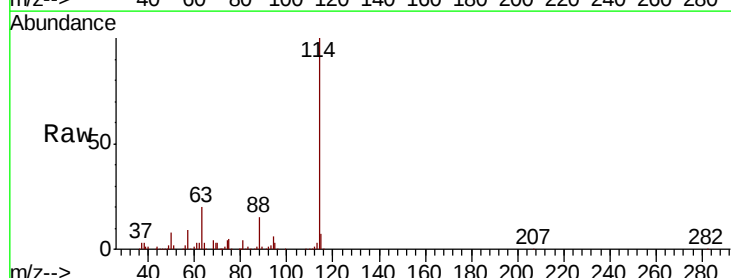
Tgt Ion: 114 Resp: 525246

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 14.8 0.0 29.2

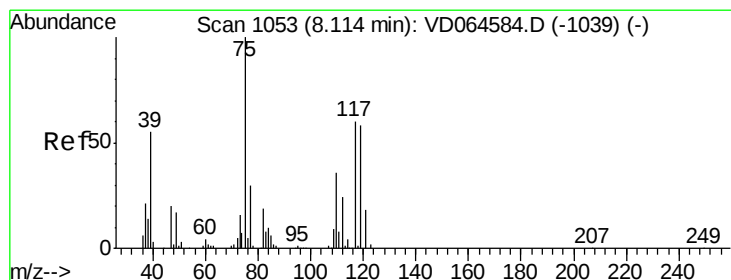
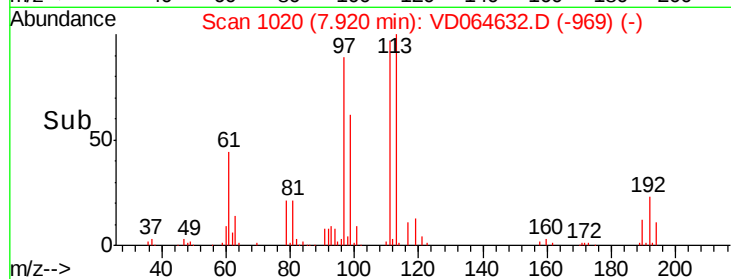
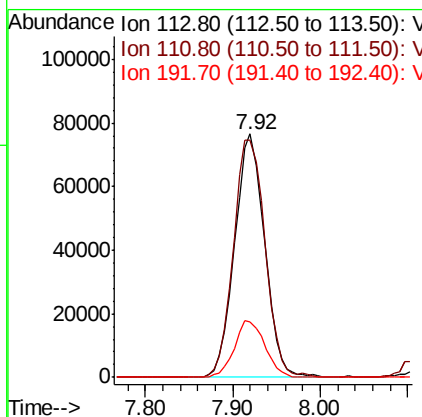
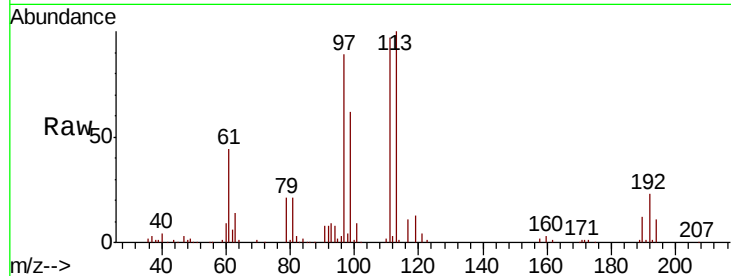




#35
 Dibromofluoromethane
 Concen: 55.027 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

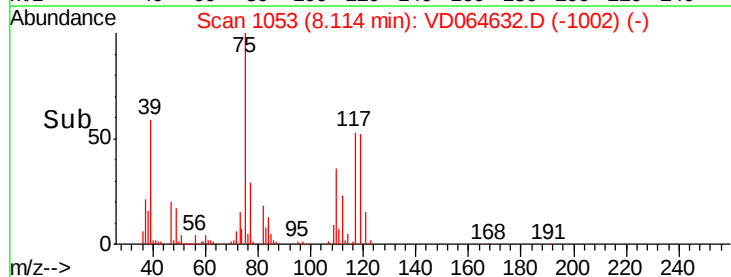
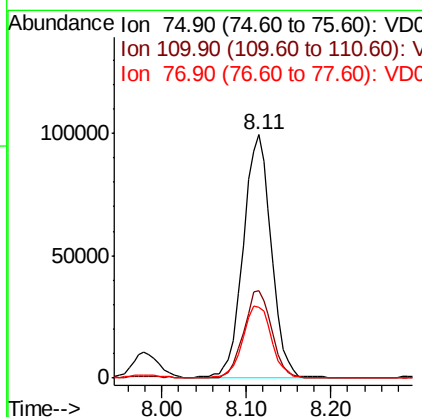
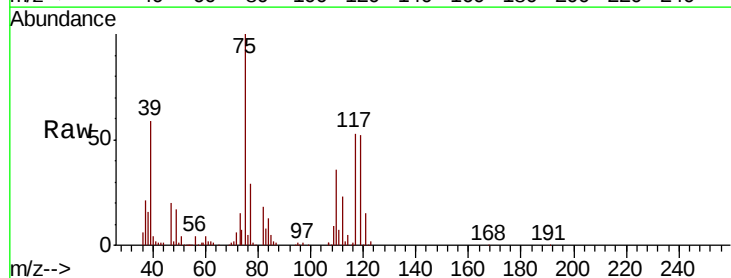
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 177322
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.6 121.0
 192 23.7 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 45.160 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion: 75 Resp: 228308
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.1 54.1
 77 30.7 24.2 36.4





#37

Ethyl Acetate

Concen: 54.967 ug/l

RT: 7.30 min Scan# 914

Delta R.T. -0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

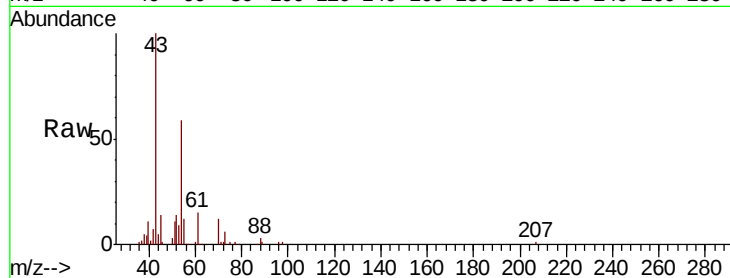
Tot Ion: 43 Resp: 109168

Ion Ratio Lower Upper

43 100

61 14.3 10.3 15.5

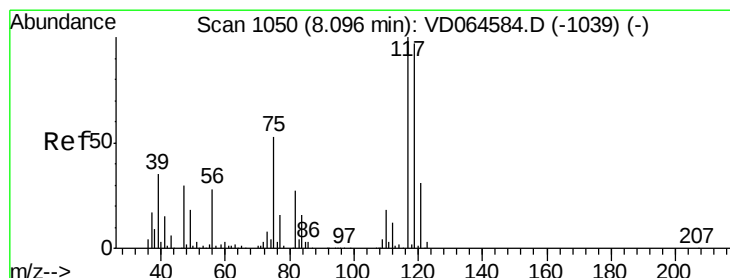
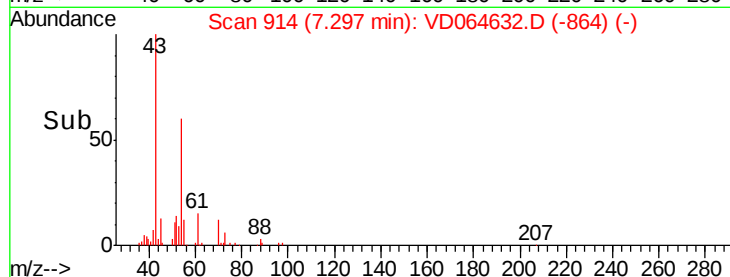
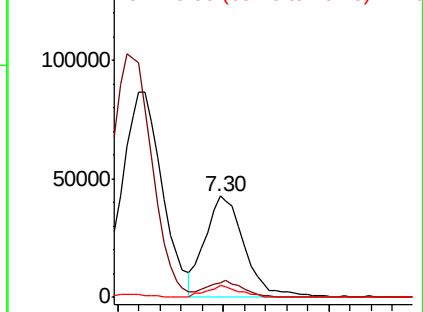
70 10.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 45.433 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

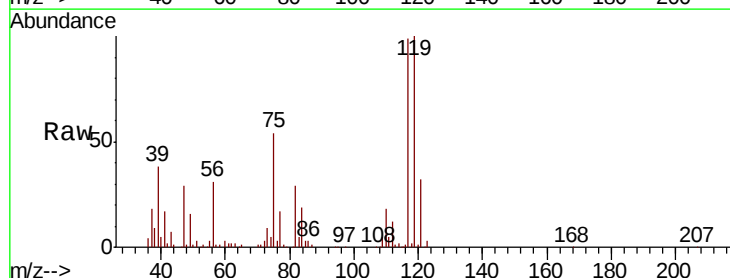
Tgt Ion: 117 Resp: 244910

Ion Ratio Lower Upper

117 100

119 101.0 77.3 115.9

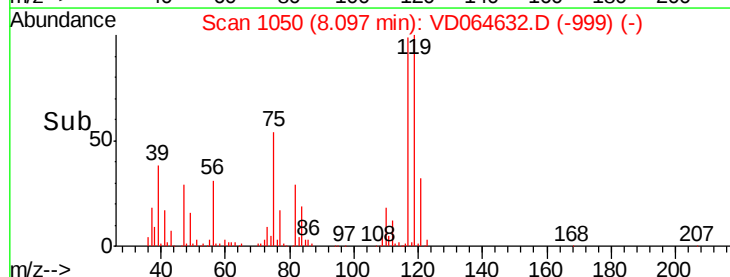
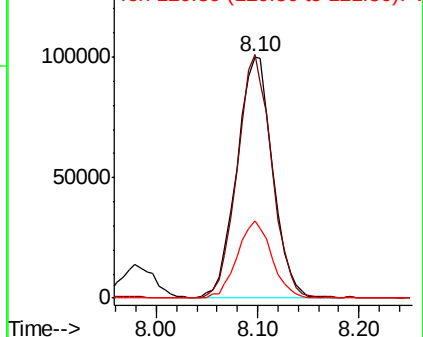
121 32.0 25.0 37.6

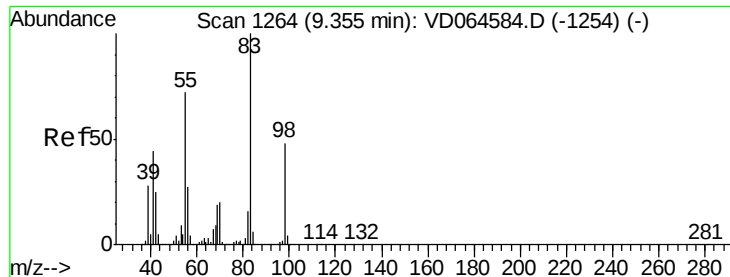


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

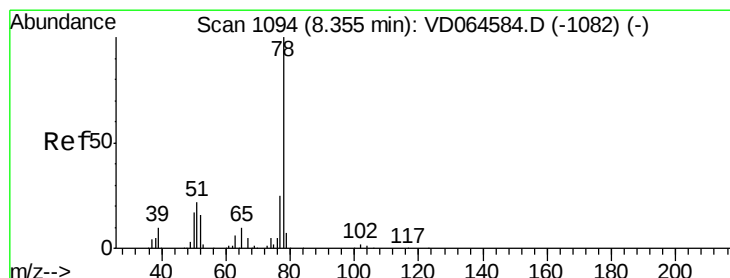
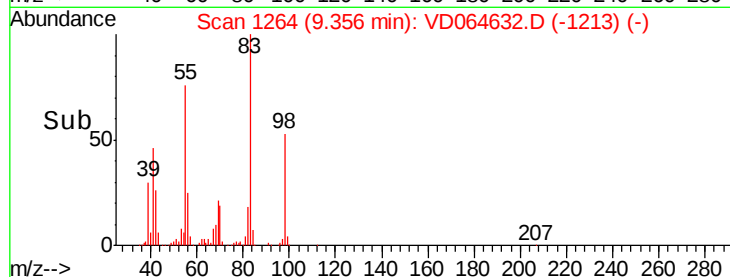
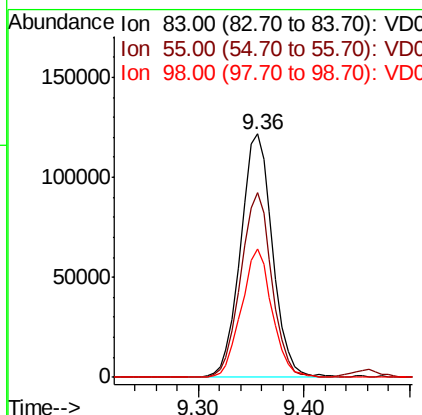
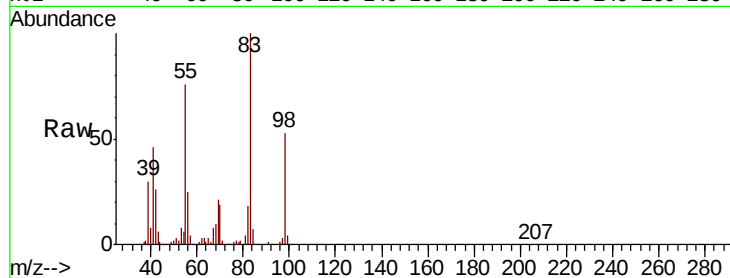




#39
Methvlcvclohexane
Concen: 41.621 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

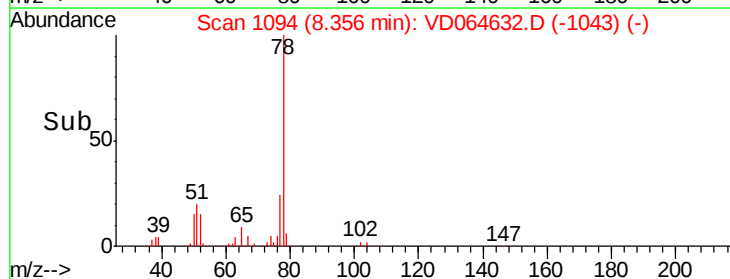
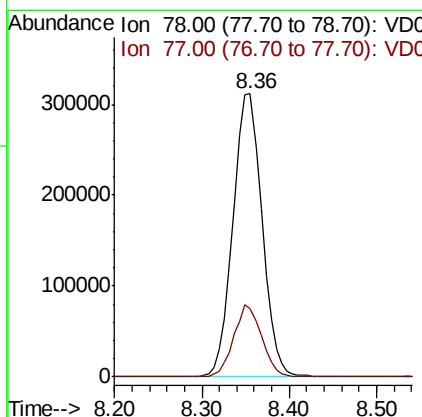
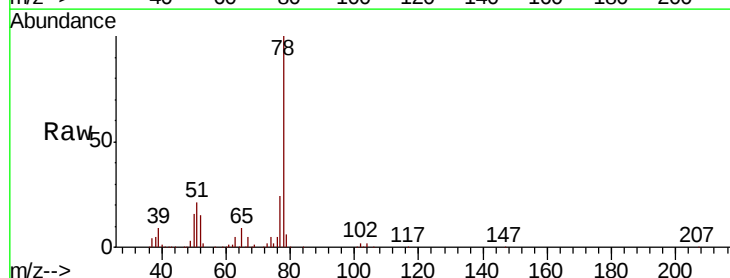
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

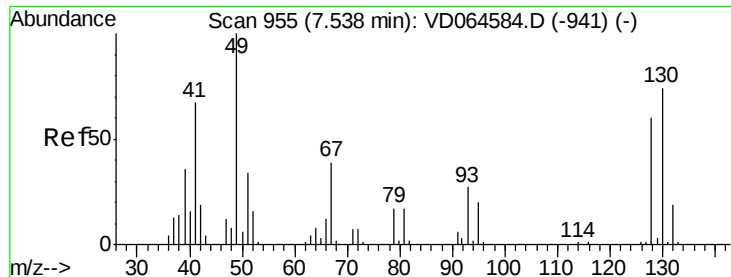
Tot Ion: 83 Resp: 254849
Ion Ratio Lower Upper
83 100
55 75.8 57.8 86.6
98 52.6 38.7 58.1



#40
Benzene
Concen: 50.966 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 78 Resp: 703373
Ion Ratio Lower Upper
78 100
77 23.9 19.9 29.9

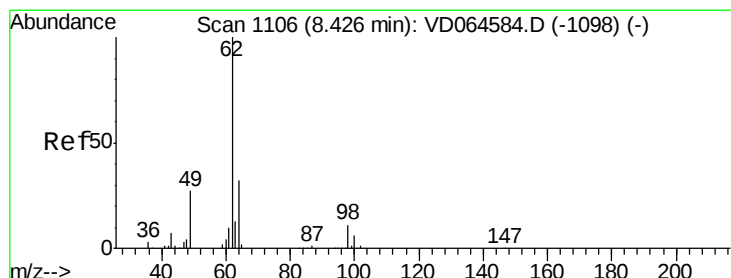
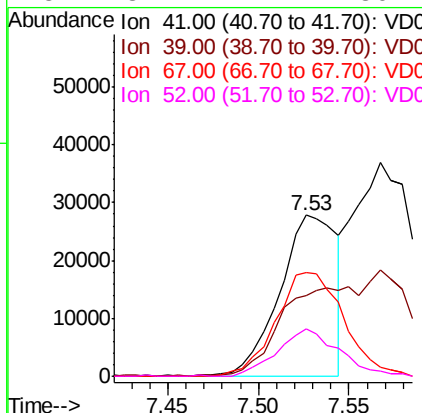
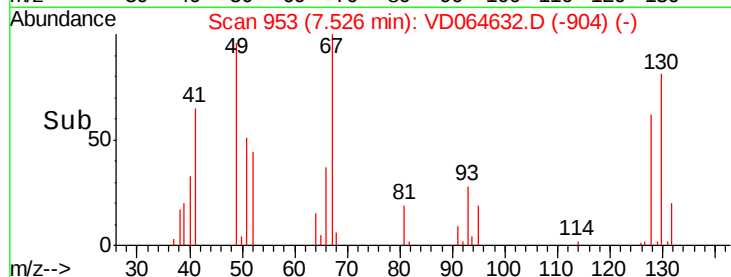
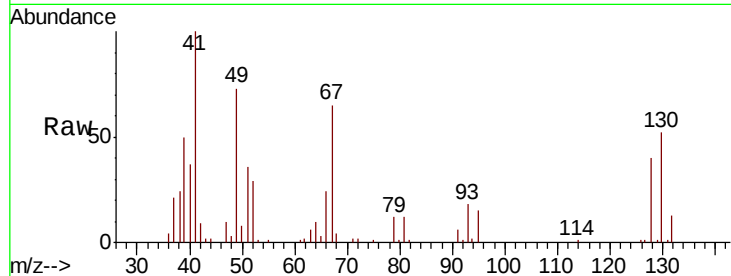




#41
Methacrylonitrile
Concen: 53.200 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

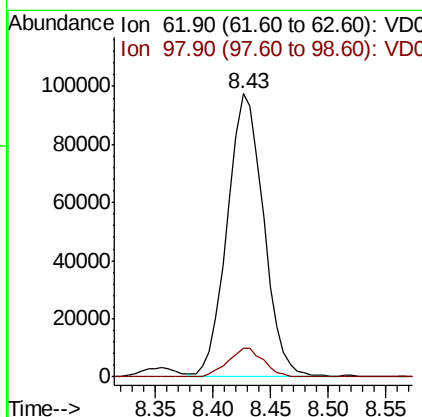
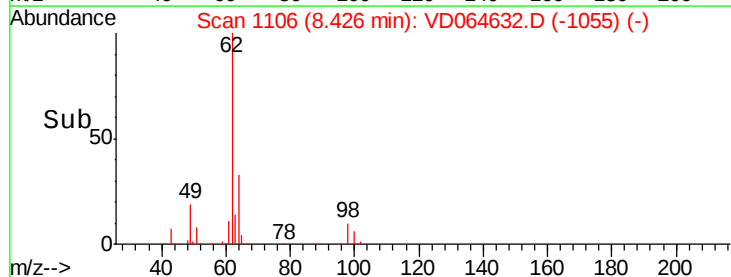
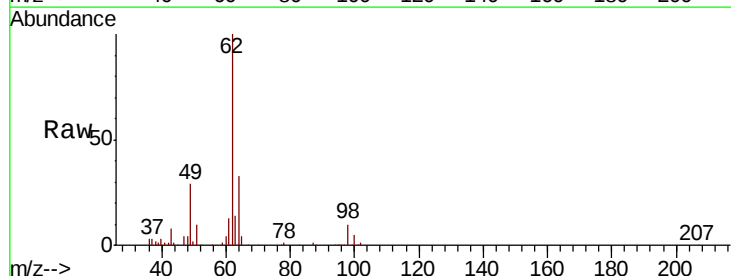
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

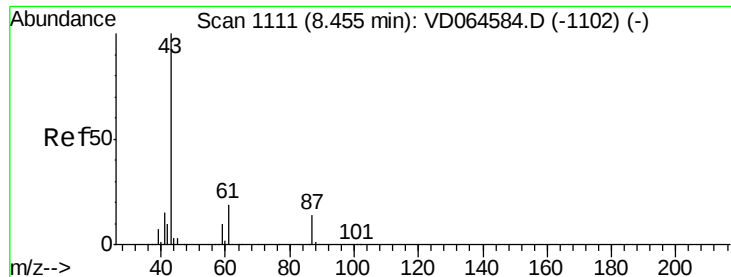
Tot Ion: 41 Resp: 61303
Ion Ratio Lower Upper
41 100
39 58.0 46.7 70.1
67 76.2 52.5 78.7
52 31.7 24.1 36.1



#42
1,2-Dichloroethane
Concen: 53.098 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 62 Resp: 211762
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.0





#43

Isopropyl Acetate

Concen: 53.637 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

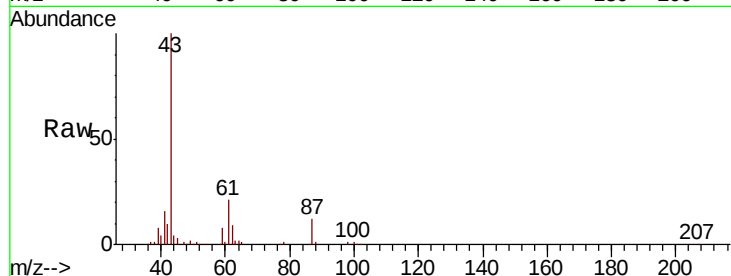
Tot Ion: 43 Resp: 212029

Ion Ratio Lower Upper

43 100

61 31.2 23.7 35.5

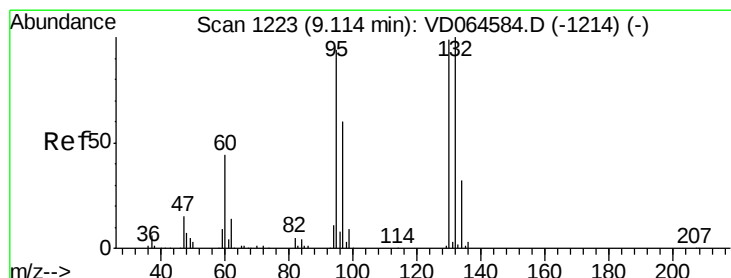
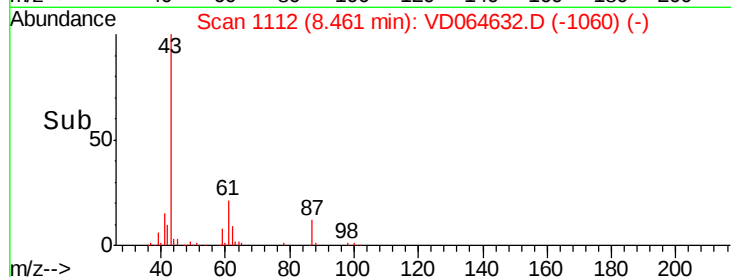
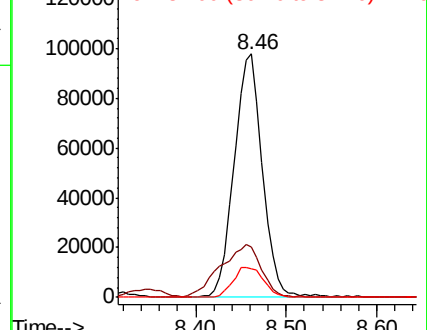
87 13.3 10.5 15.7



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: 49.171 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD064632.D

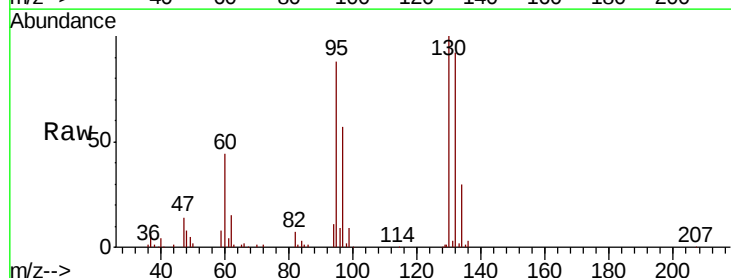
Acq: 27 Dec 2019 08:16

Tgt Ion:130 Resp: 199355

Ion Ratio Lower Upper

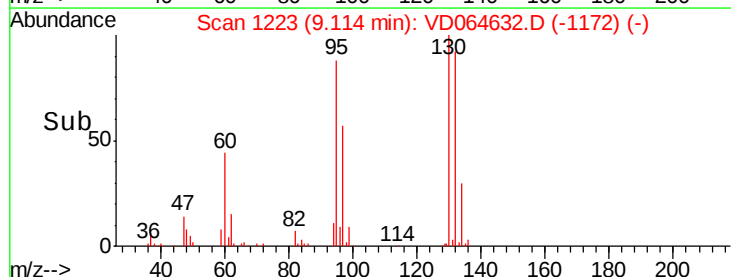
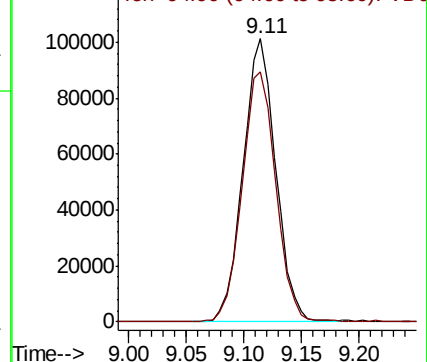
130 100

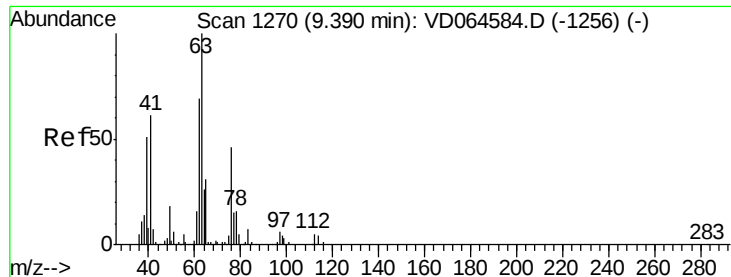
95 88.3 0.0 190.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

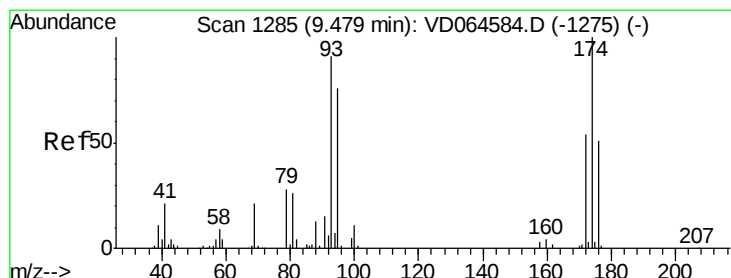
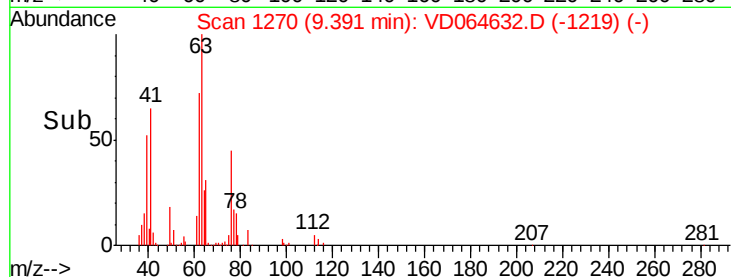
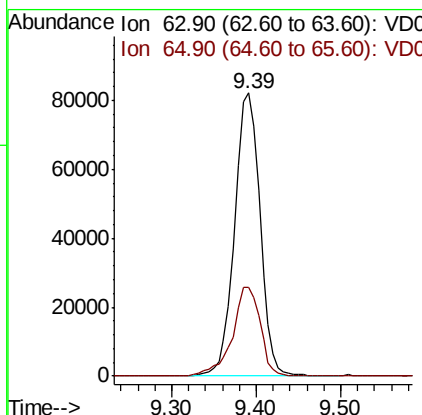
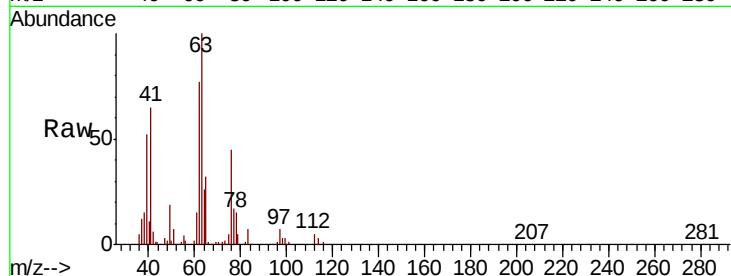




#45
 1,2-Dichloropropane
 Concen: 51.723 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

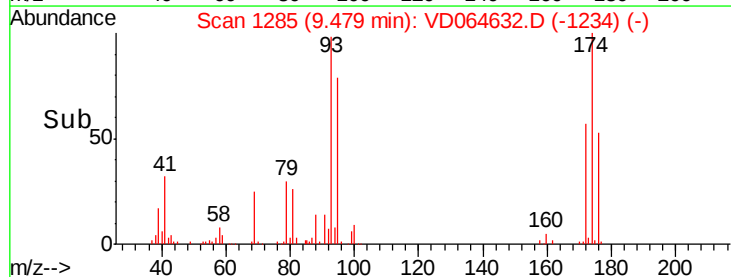
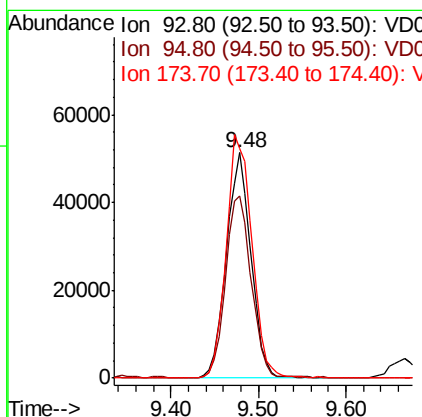
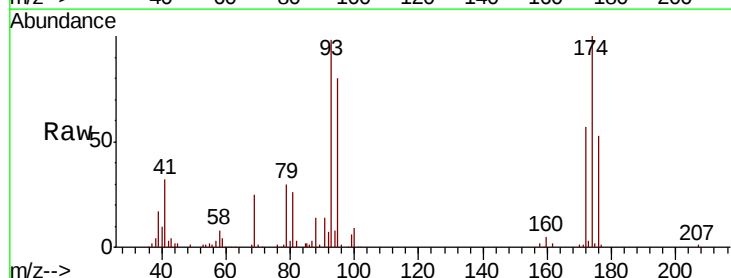
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

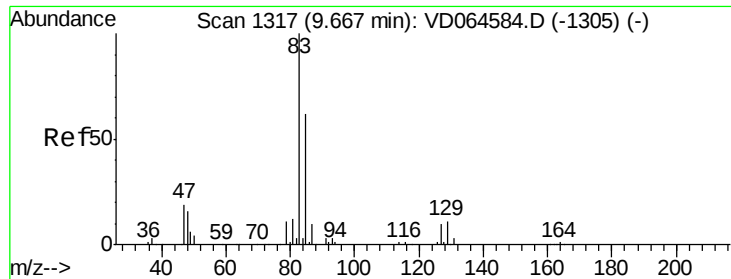
Tot Ion: 63 Resp: 170436
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.2 37.8



#46
 Dibromomethane
 Concen: 53.920 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion: 93 Resp: 99059
 Ion Ratio Lower Upper
 93 100
 95 83.9 64.6 97.0
 174 112.0 88.1 132.1

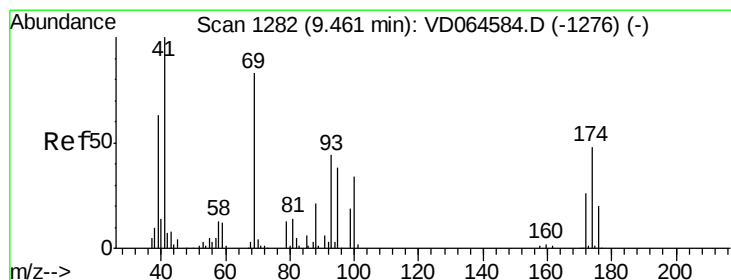
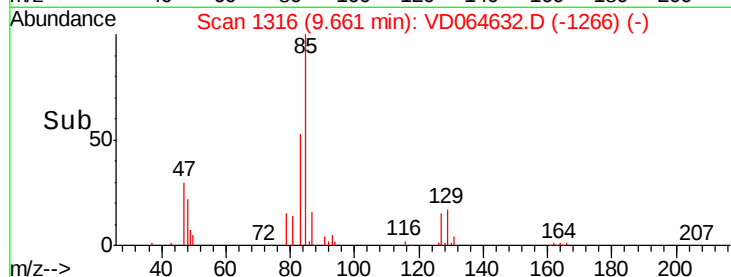
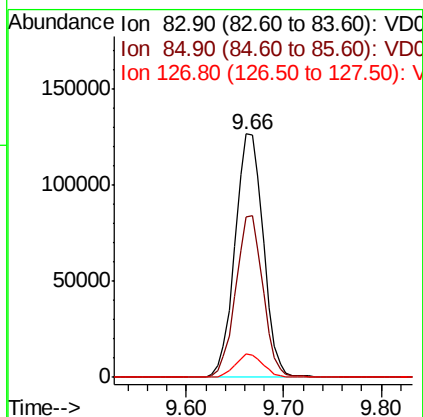
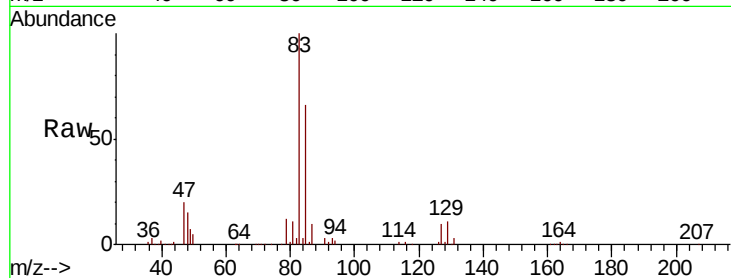




#47
Bromodichloromethane
Concen: 52.514 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

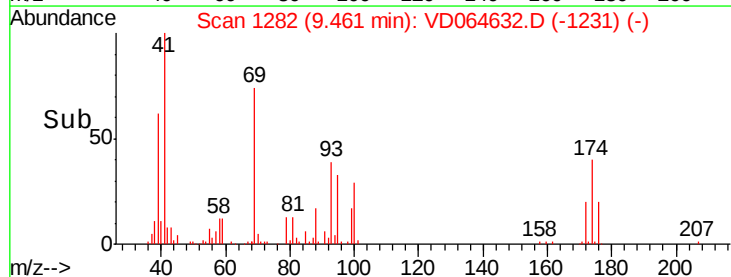
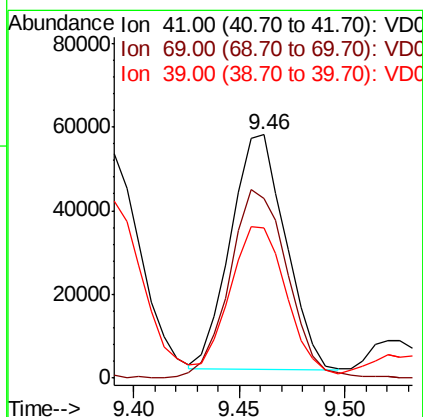
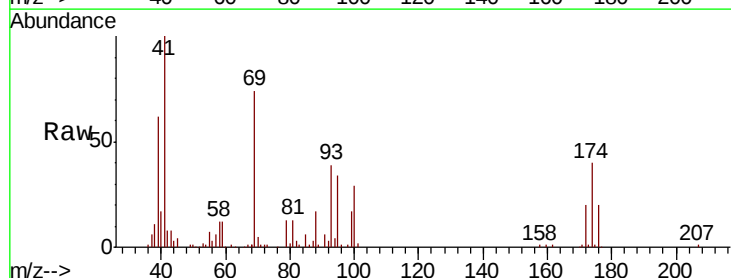
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

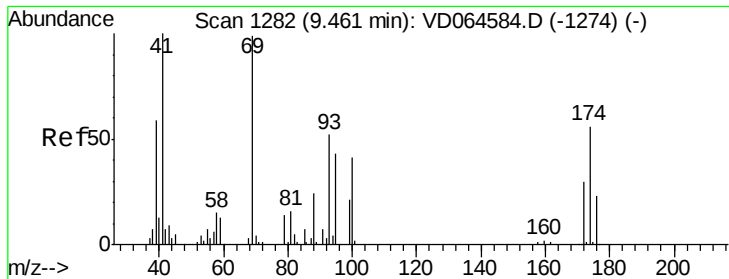
Tot Ion: 83 Resp: 256719
Ion Ratio Lower Upper
83 100
85 66.1 49.5 74.3
127 9.7 7.8 11.6



#48
Methyl methacrylate
Concen: 54.663 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 41 Resp: 101746
Ion Ratio Lower Upper
41 100
69 83.8 63.0 94.6
39 67.2 47.4 71.2

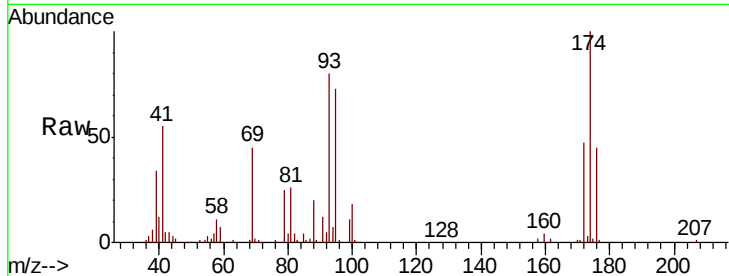




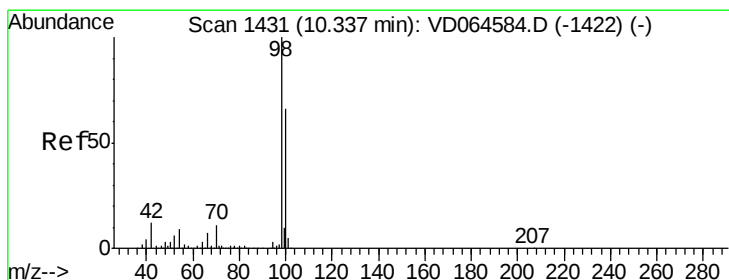
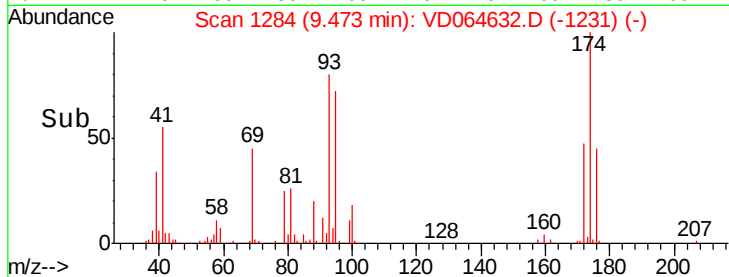
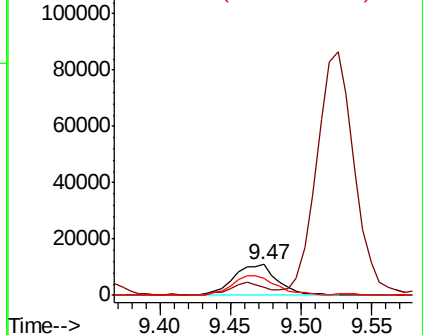
#49
1,4-Dioxane
Concen: 1115.718 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 23635
Ion Ratio Lower Upper
88 100
43 31.7 27.7 41.5
58 65.6 53.8 80.6

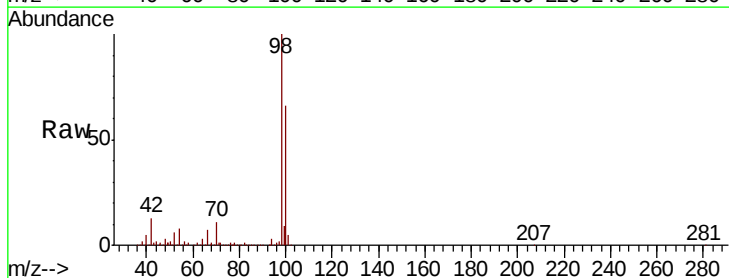


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

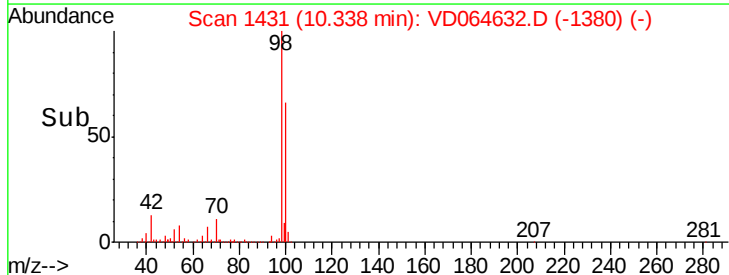
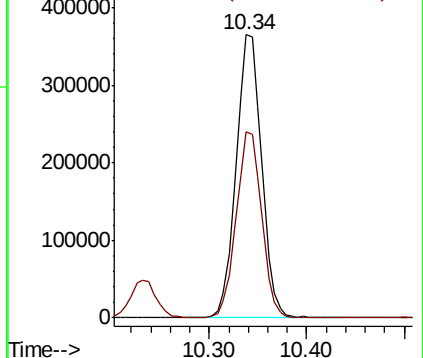


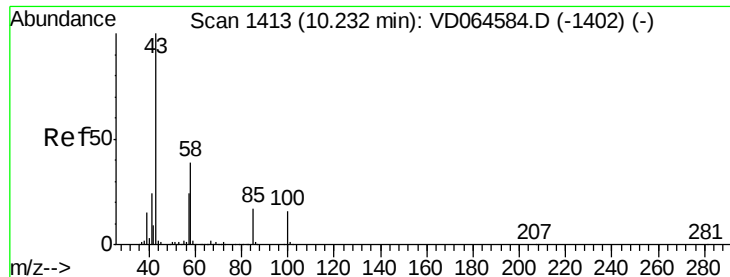
#50
Toluene-d8
Concen: 53.791 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 98 Resp: 663871
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 282.240 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

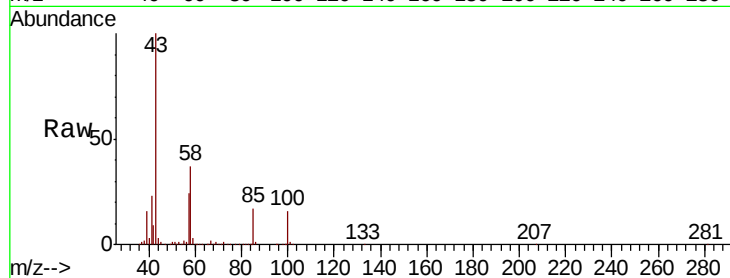
VSTDCCC050EC

Tot Ion: 43 Resp: 551474

Ion Ratio Lower Upper

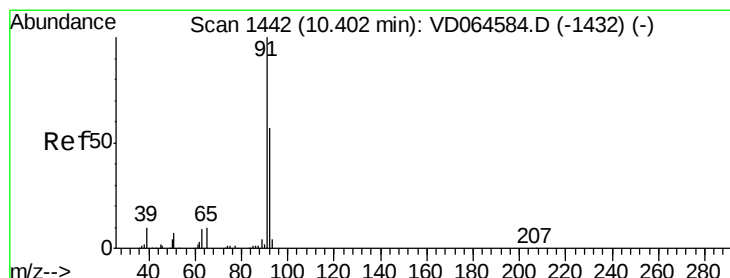
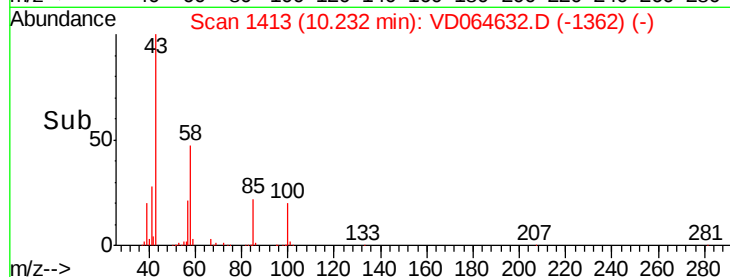
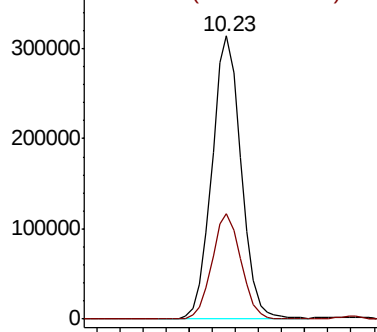
43 100

58 37.2 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 50.319 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD064632.D

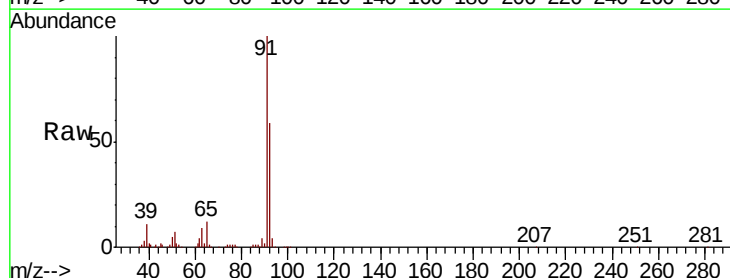
Acq: 27 Dec 2019 08:16

Tgt Ion: 92 Resp: 455607

Ion Ratio Lower Upper

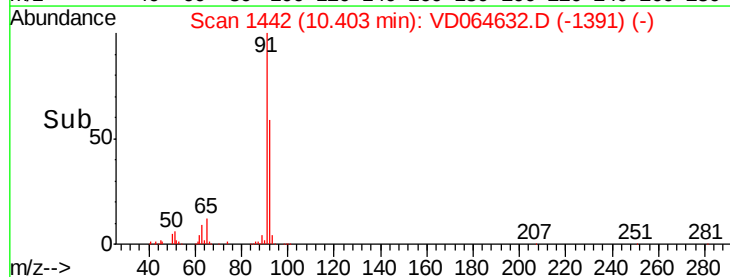
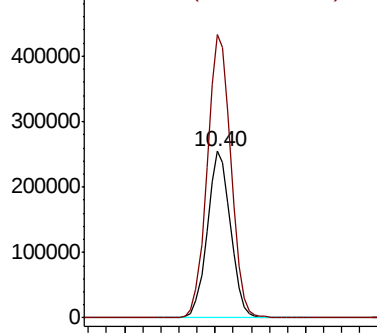
92 100

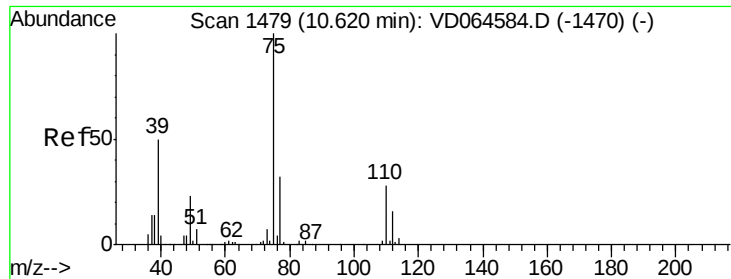
91 172.6 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 52.759 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

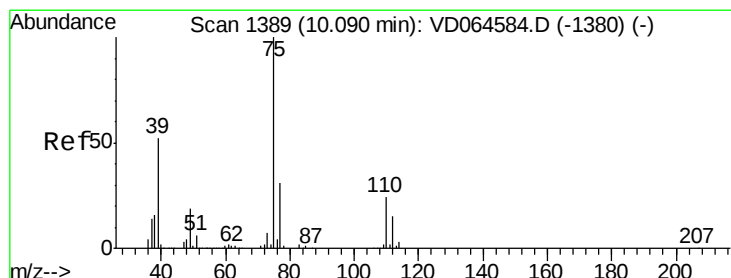
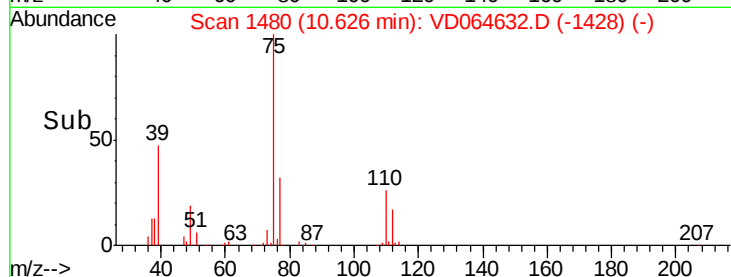
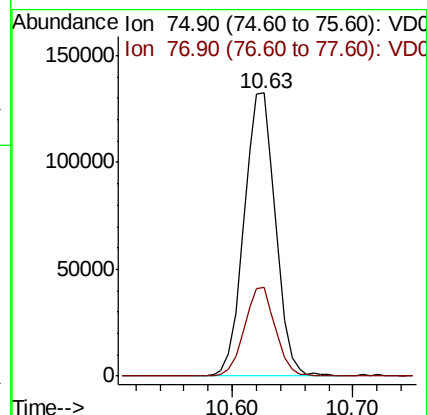
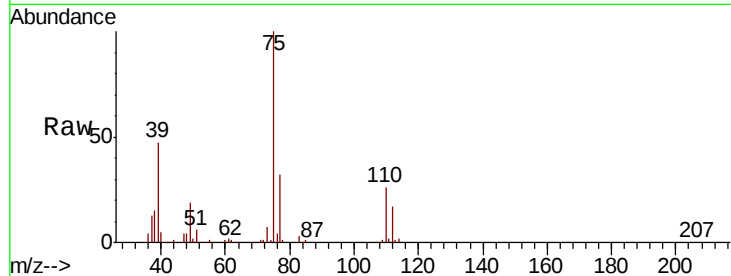
VSTDCCC050EC

Tot Ion: 75 Resp: 240463

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.741 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

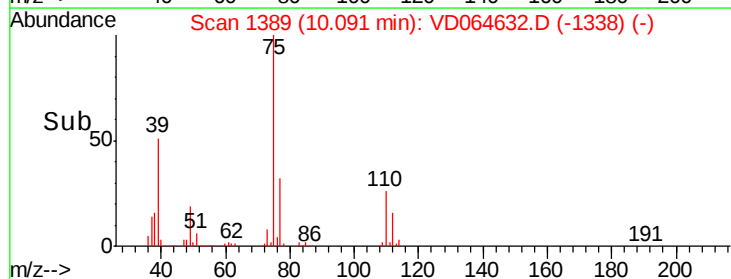
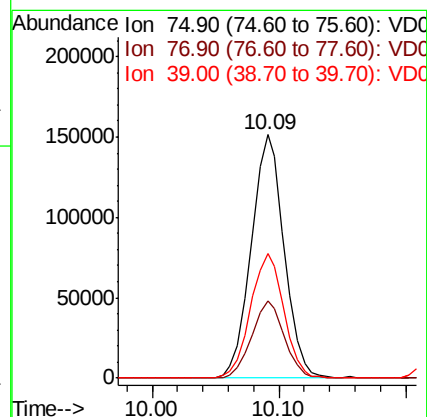
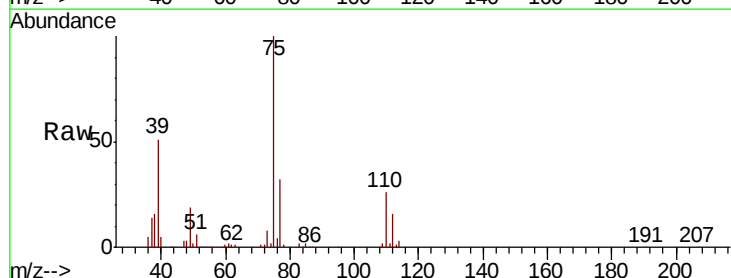
Tgt Ion: 75 Resp: 272692

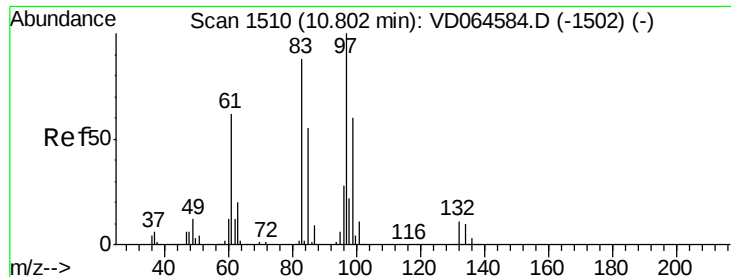
Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 51.2 41.4 62.2

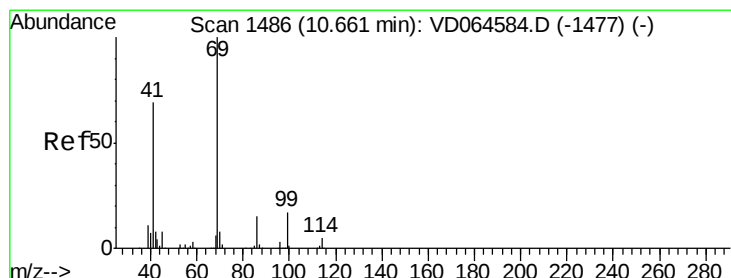
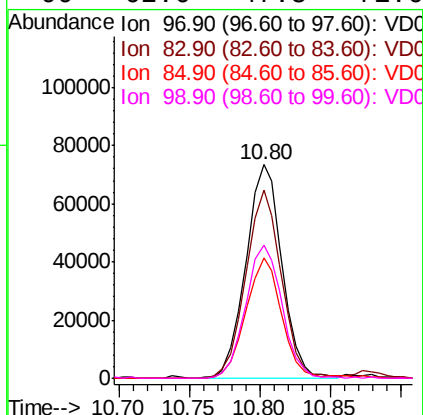
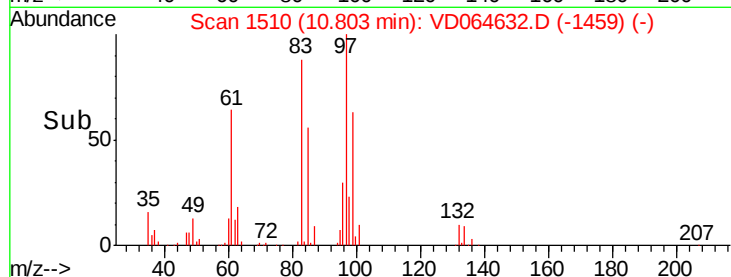
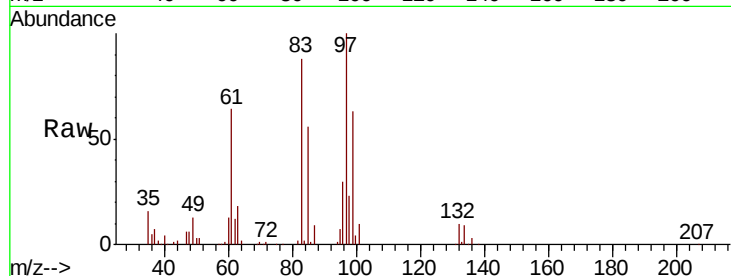




#55
 1,1,2-Trichloroethane
 Concen: 53.183 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

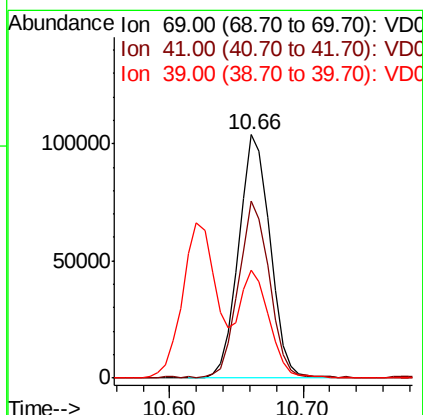
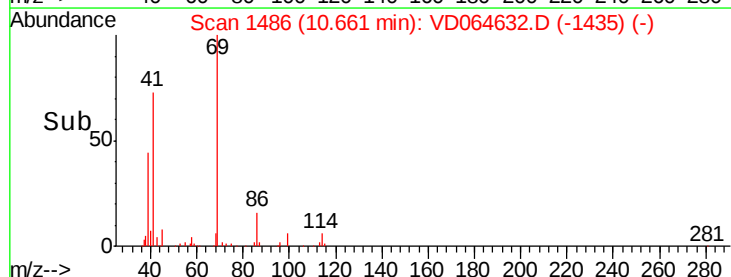
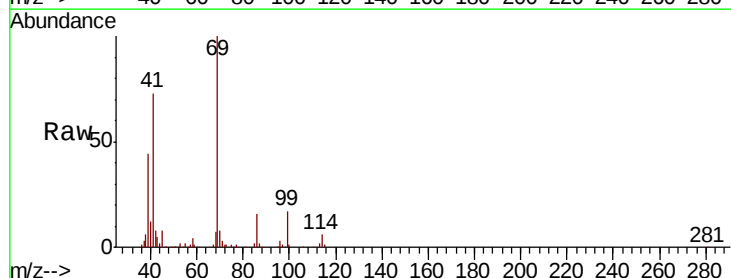
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

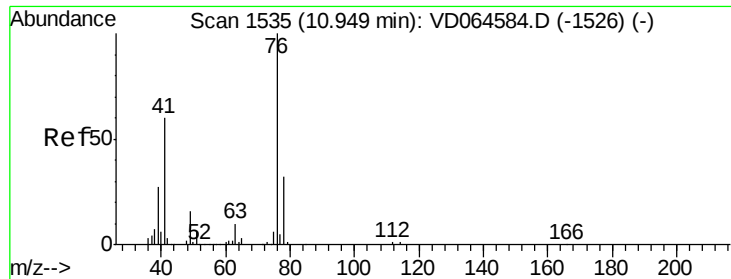
Tot Ion: 97 Resp: 131674
 Ion Ratio Lower Upper
 97 100
 83 88.2 70.2 105.4
 85 56.4 44.0 66.0
 99 62.6 47.8 71.6



#56
 Ethyl methacrylate
 Concen: 54.806 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion: 69 Resp: 169465
 Ion Ratio Lower Upper
 69 100
 41 72.5 55.3 82.9
 39 42.2 33.8 50.8

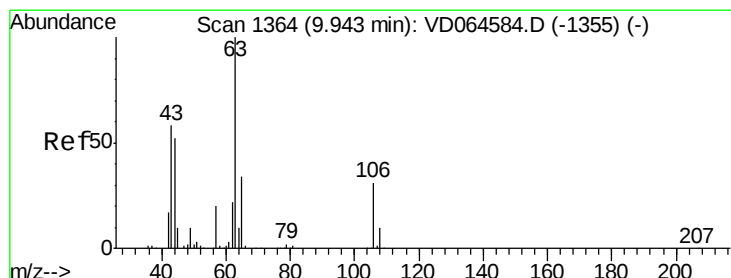
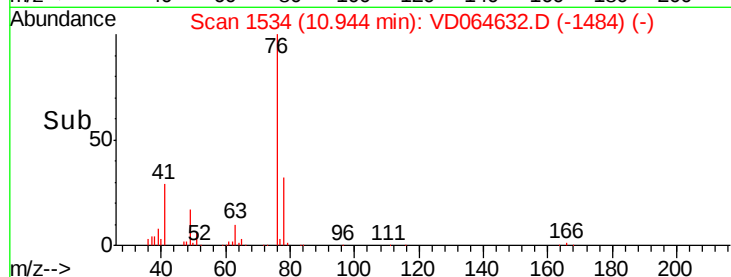
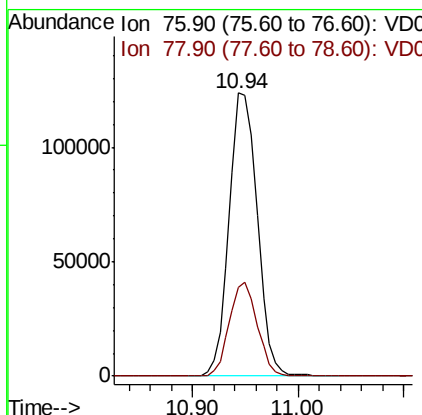
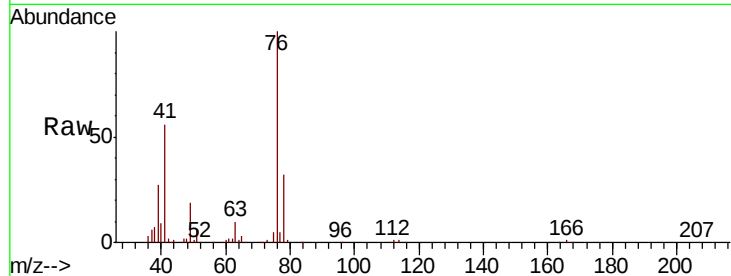




#57
 1,3-Dichloropropane
 Concen: 53.629 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

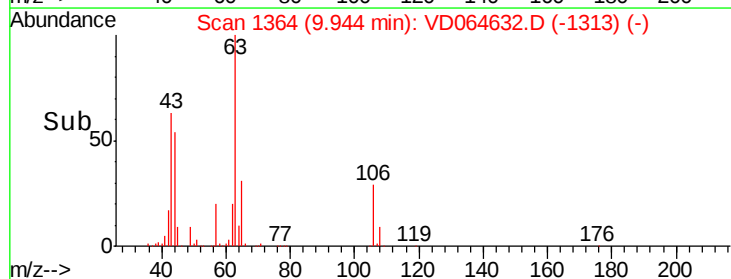
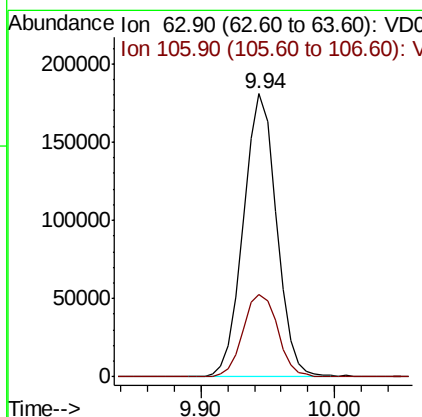
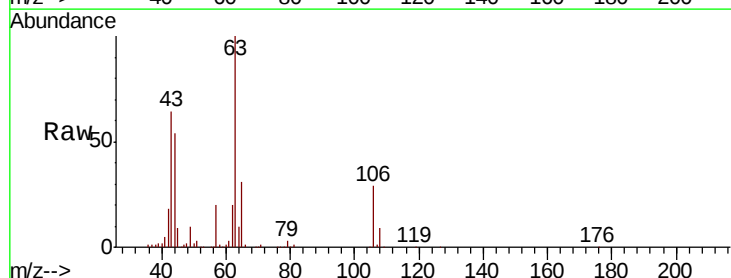
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

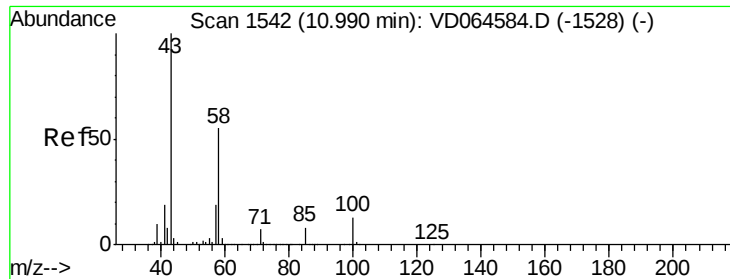
Tot Ion: 76 Resp: 228619
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.504 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion: 63 Resp: 309243
 Ion Ratio Lower Upper
 63 100
 106 30.8 23.8 35.8

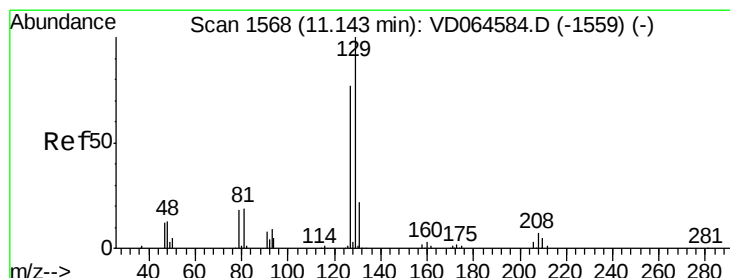
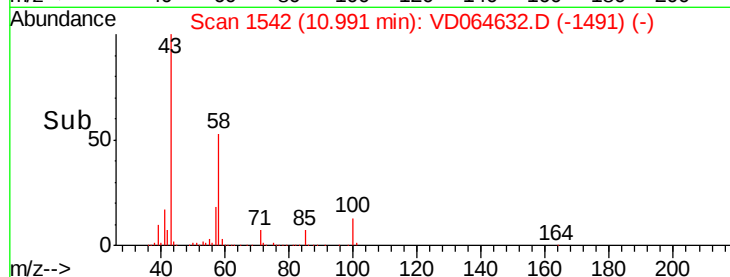
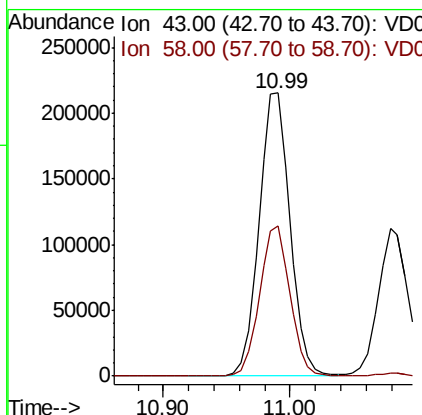
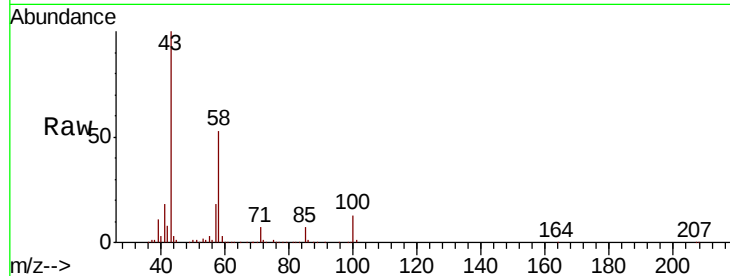




#59
2-Hexanone
Concen: 276.571 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

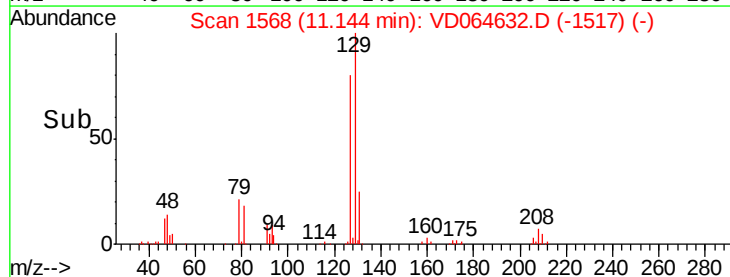
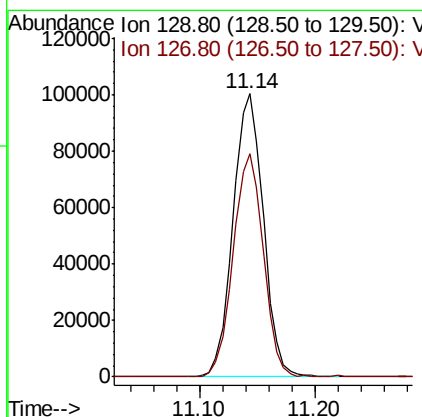
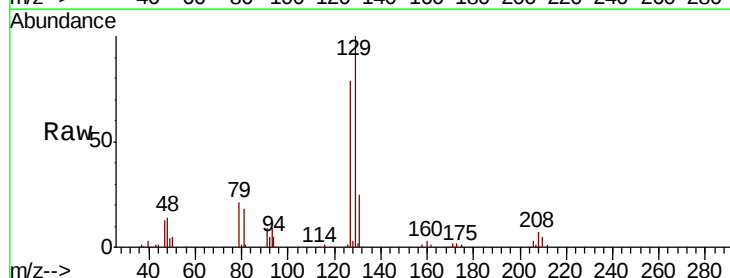
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

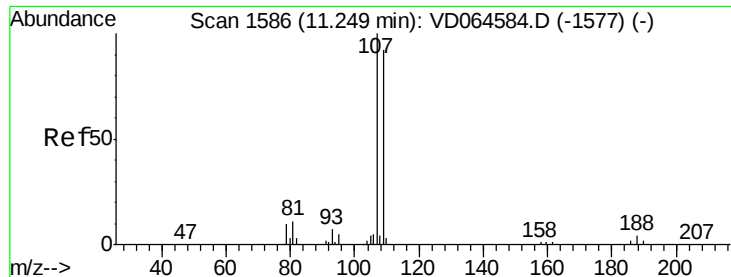
Tot Ion: 43 Resp: 366778
Ion Ratio Lower Upper
43 100
58 51.9 26.4 79.0



#60
Dibromochloromethane
Concen: 53.159 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 129 Resp: 182006
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.2

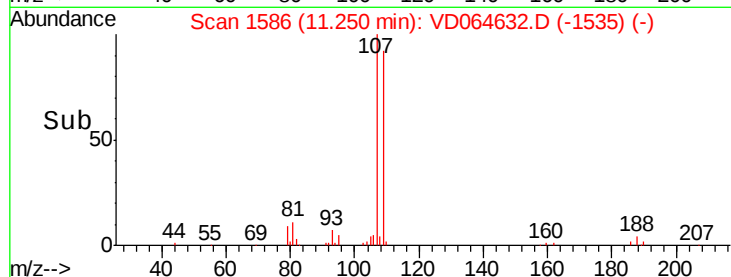
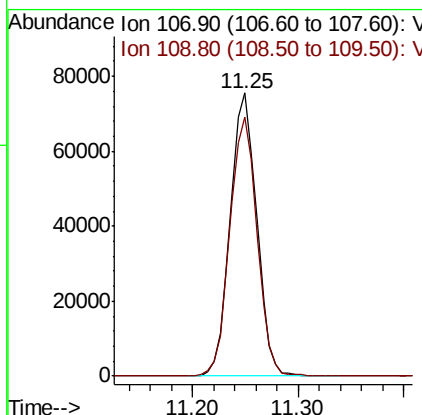
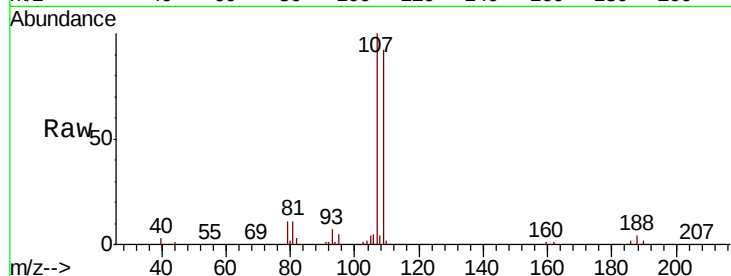




#61
1,2-Dibromoethane
Concen: 53.642 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

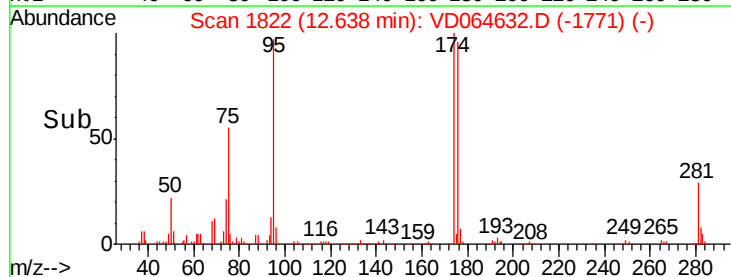
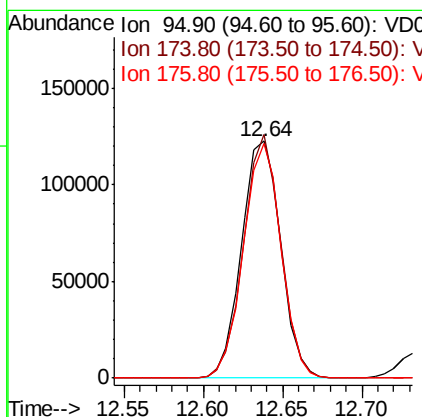
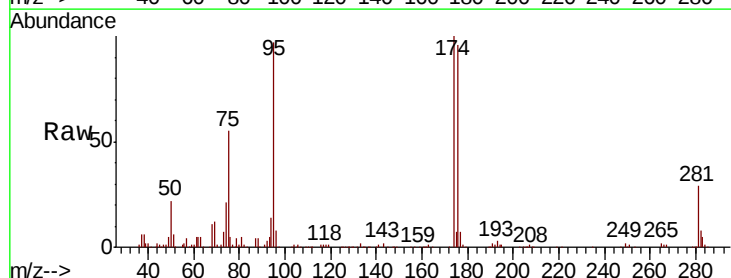
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

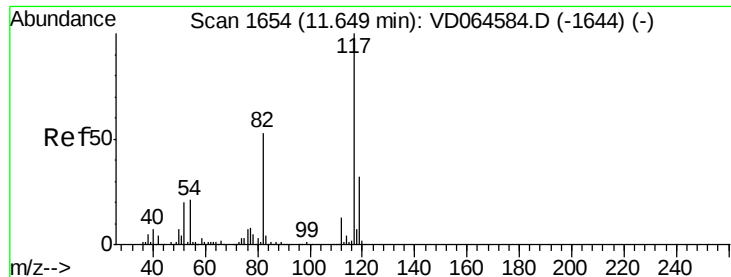
Tot Ion:107 Resp: 130993
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.164 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 95 Resp: 211381
Ion Ratio Lower Upper
95 100
174 97.0 0.0 193.2
176 95.2 0.0 184.2

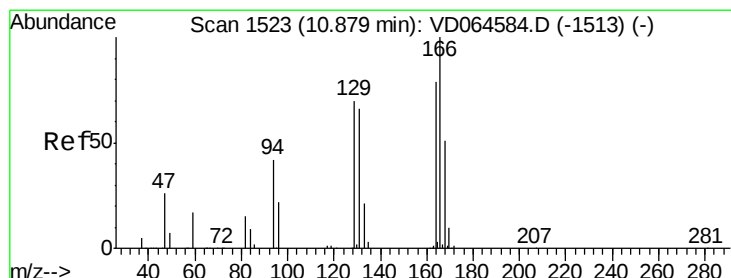
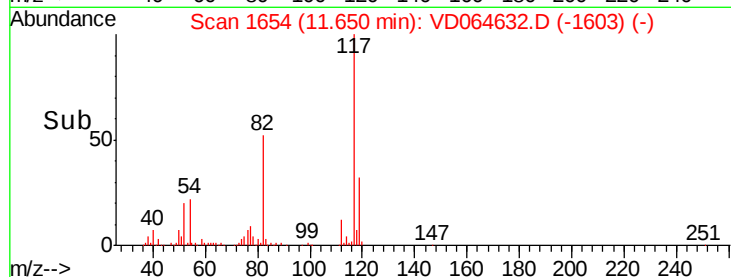
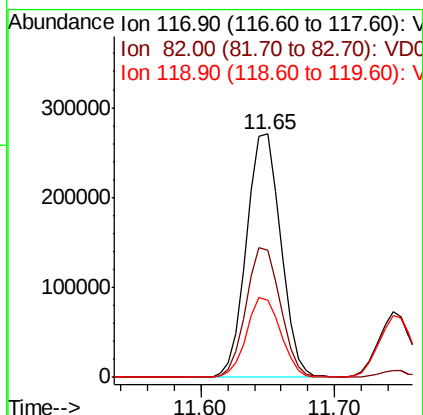
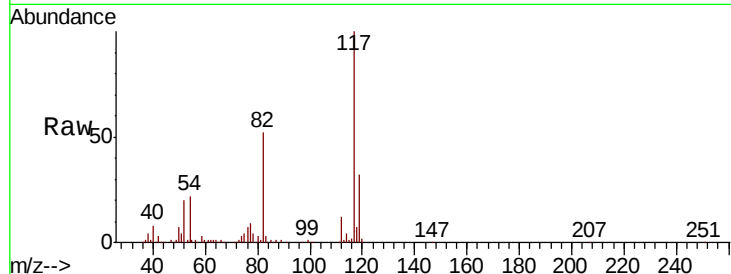




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

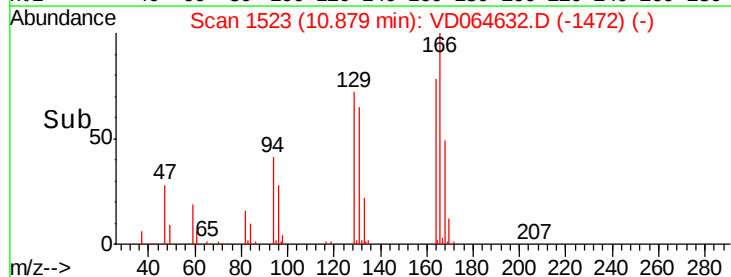
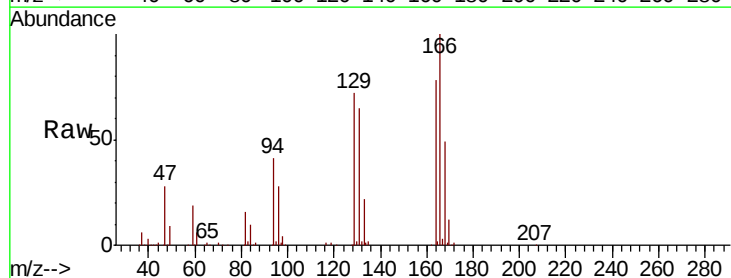
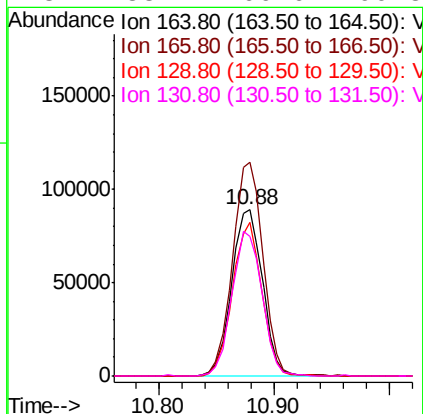
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 482022
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.4
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 44.635 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion:164 Resp: 165061
Ion Ratio Lower Upper
164 100
166 128.5 101.3 151.9
129 92.3 70.5 105.7
131 83.7 66.6 99.8

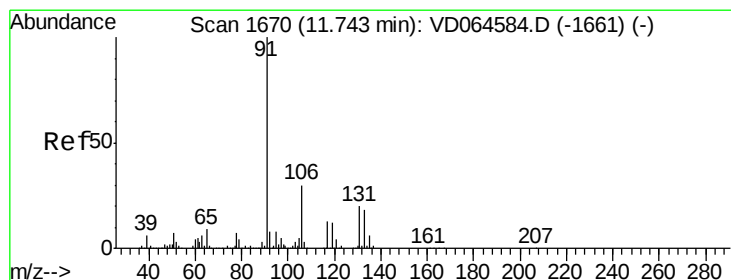
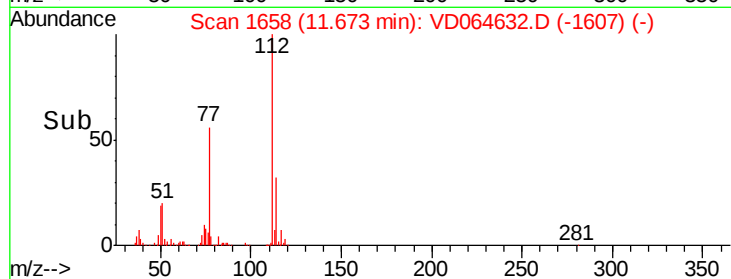
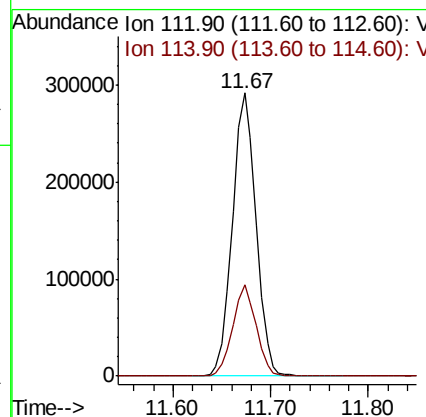
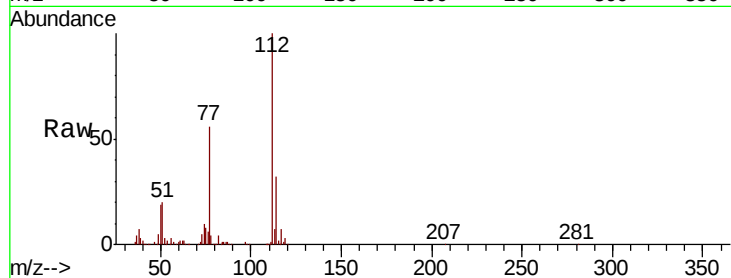




#65
Chlorobenzene
Concen: 48.916 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

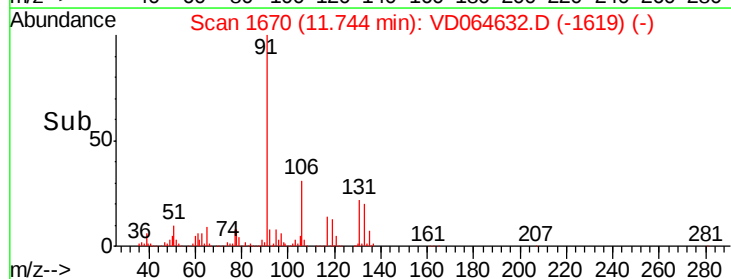
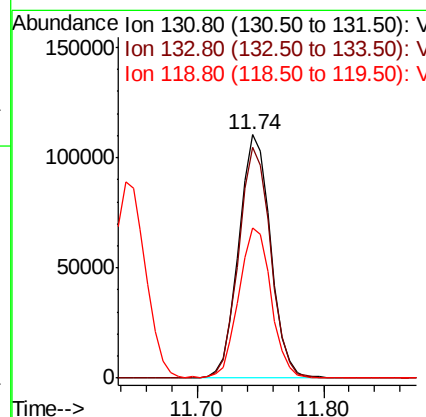
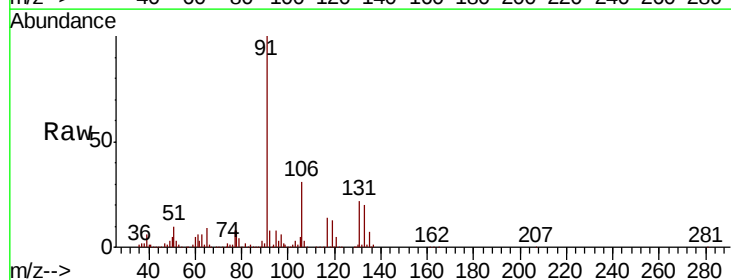
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 489367
Ion Ratio Lower Upper
112 100
114 32.4 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.840 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion:131 Resp: 191742
Ion Ratio Lower Upper
131 100
133 95.6 48.3 144.8
119 62.7 32.1 96.3





#67

Ethyl Benzene

Concen: 47.340 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

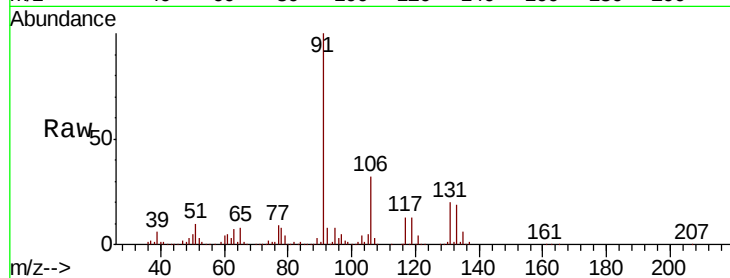
VSTDCCC050EC

Tot Ion: 91 Resp: 859626

Ion Ratio Lower Upper

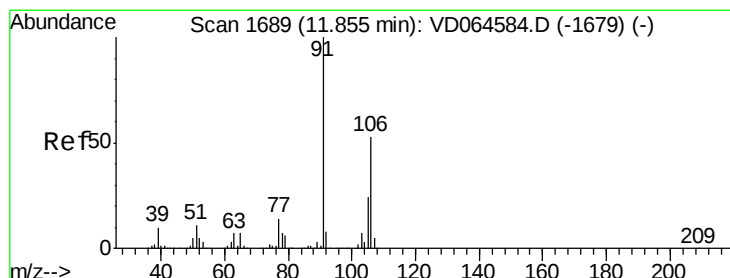
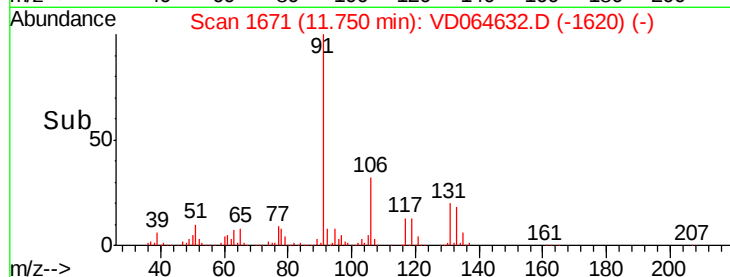
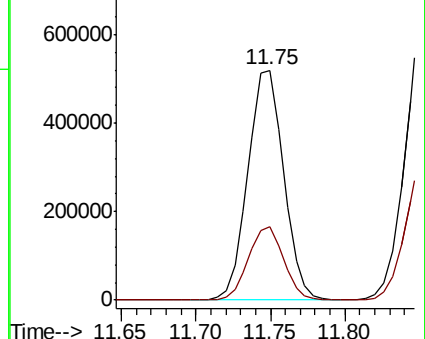
91 100

106 32.3 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 95.204 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064632.D

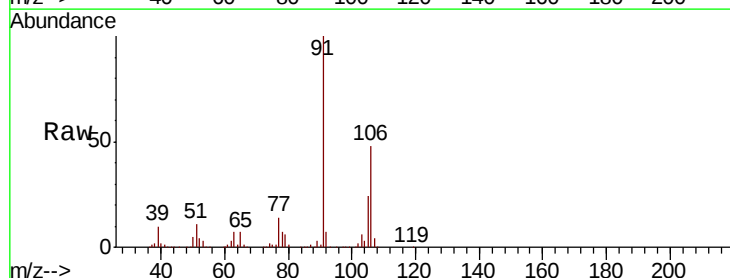
Acq: 27 Dec 2019 08:16

Tgt Ion: 106 Resp: 667261

Ion Ratio Lower Upper

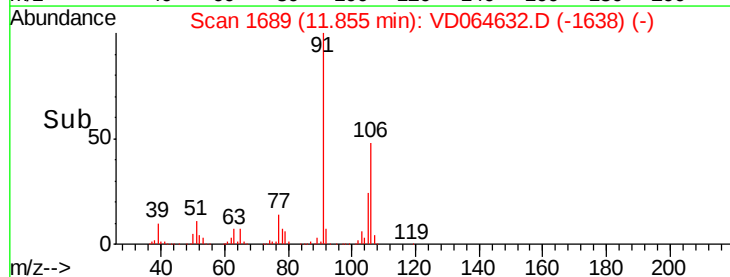
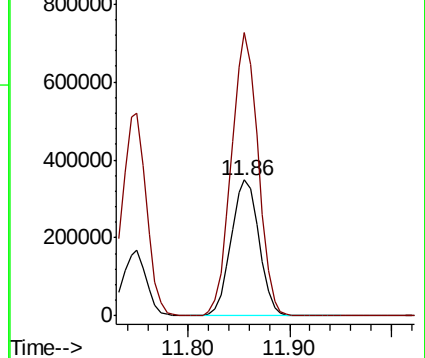
106 100

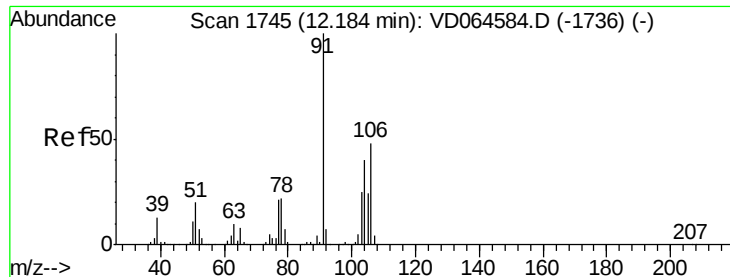
91 200.2 156.3 234.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

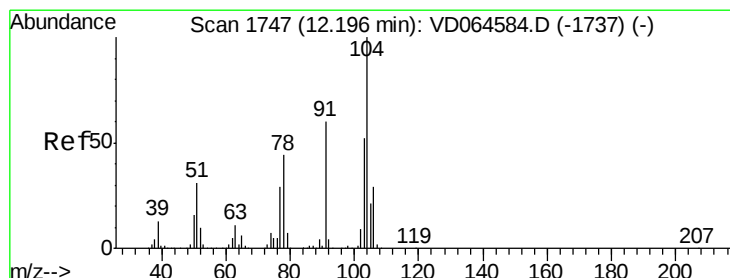
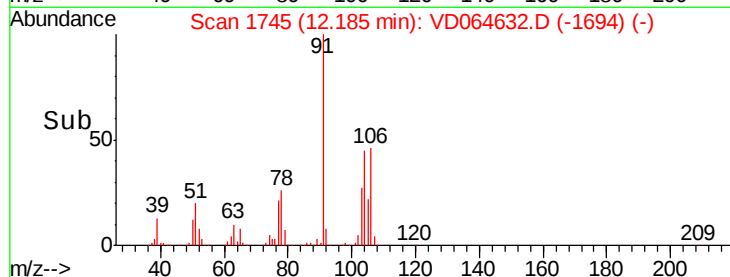
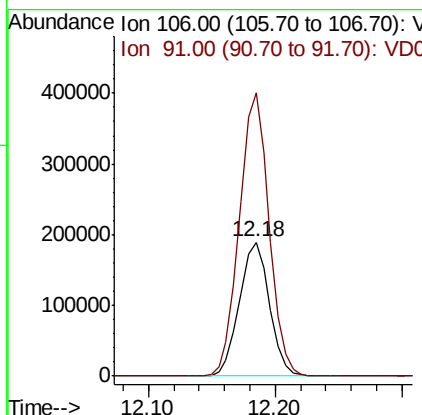
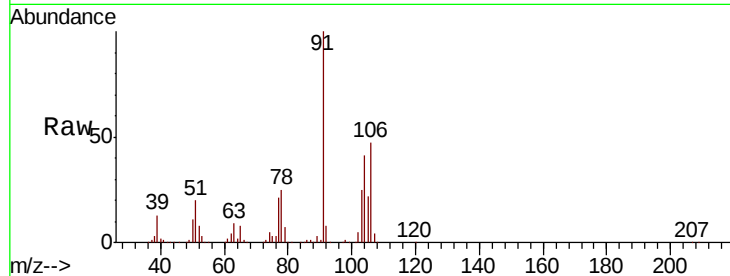




#69
o-Xylene
Concen: 49.189 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

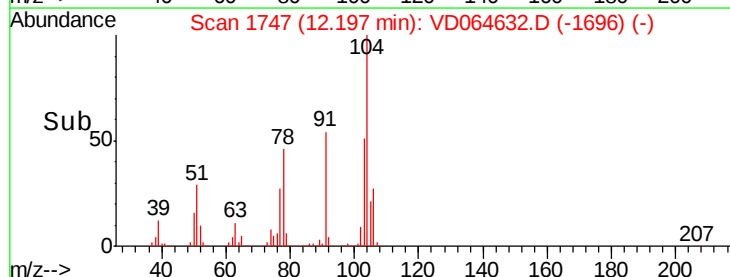
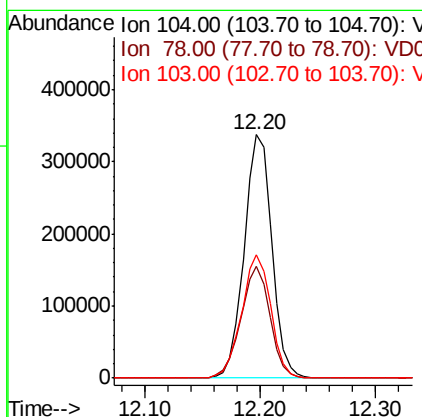
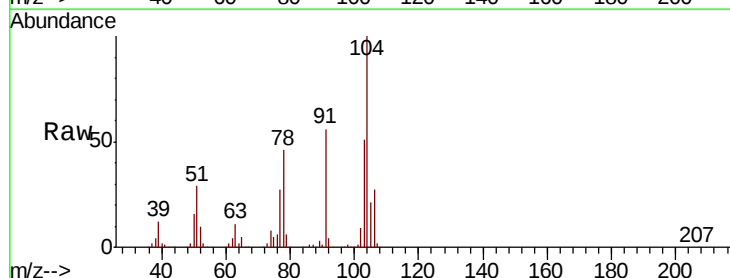
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

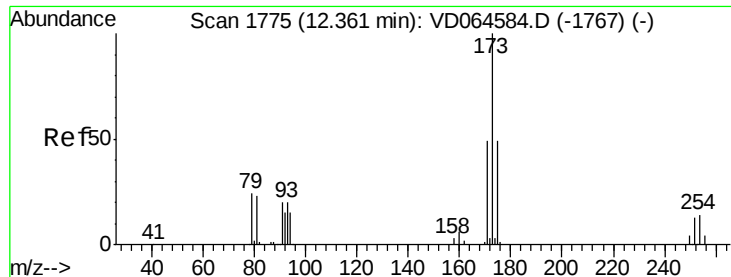
Tot Ion:106 Resp: 311399
Ion Ratio Lower Upper
106 100
91 208.9 104.8 314.4



#70
Styrene
Concen: 50.517 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion:104 Resp: 561350
Ion Ratio Lower Upper
104 100
78 48.2 38.2 57.2
103 53.8 44.6 67.0

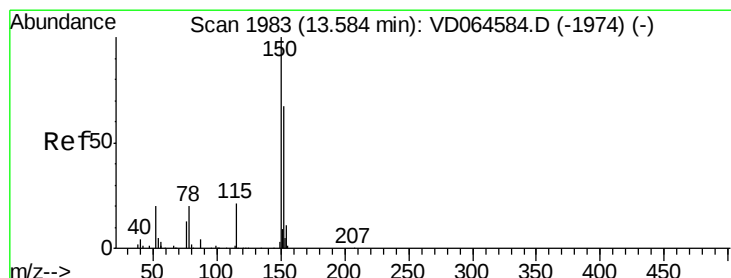
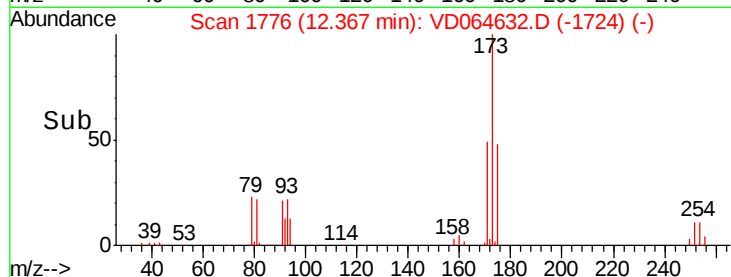
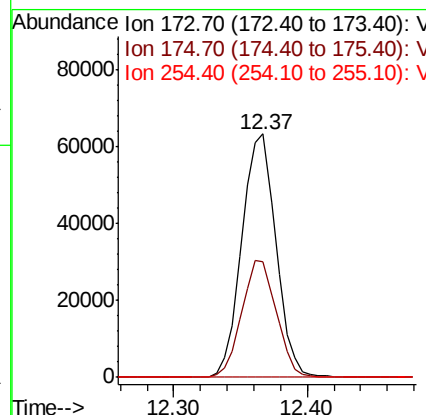
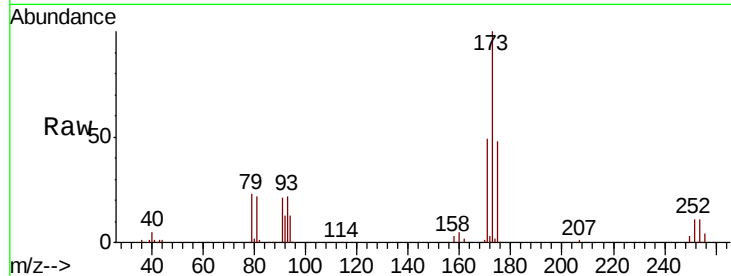




#71
Bromoform
Concen: 52.032 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

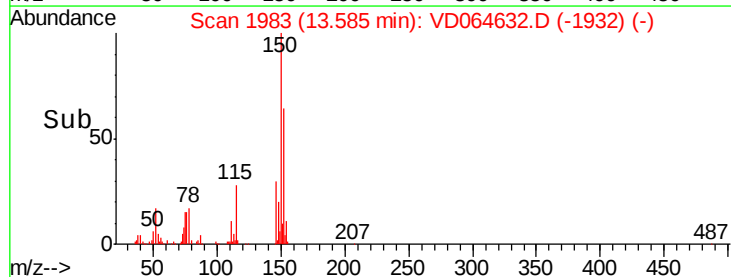
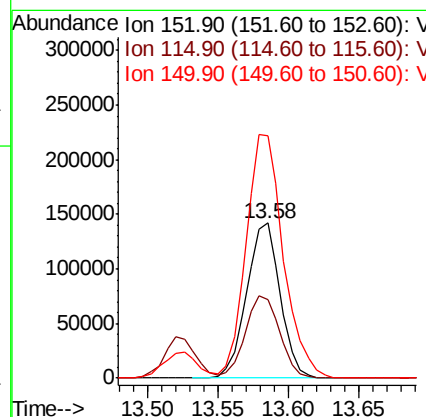
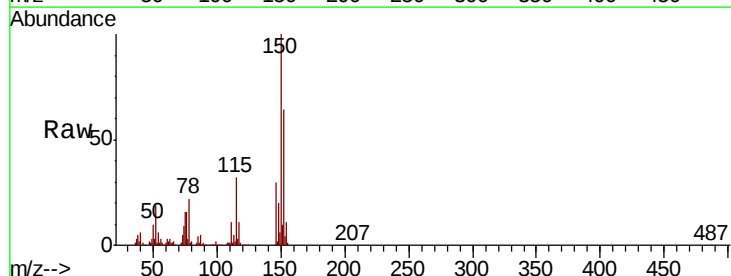
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

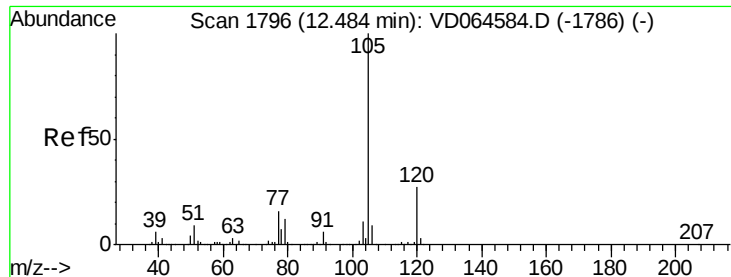
Tot Ion:173 Resp: 111910
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.8
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion:152 Resp: 235571
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.4
150 174.6 0.0 351.4





#73

Isopropylbenzene

Concen: 48.278 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

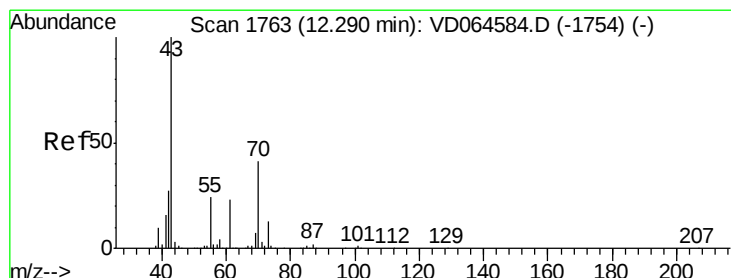
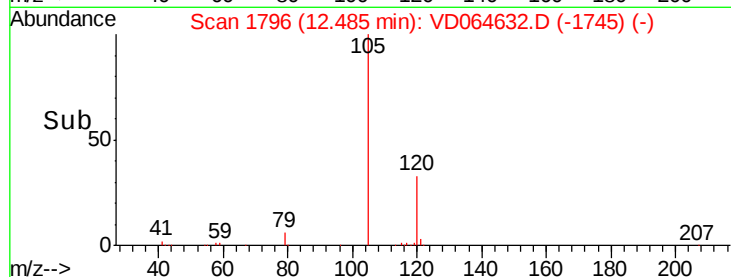
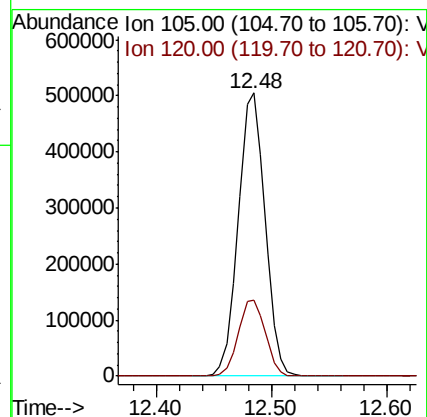
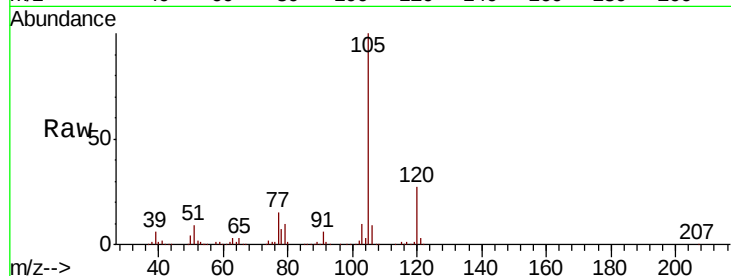
VSTDCCC050EC

Tot Ion:105 Resp: 812727

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 55.123 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Tgt Ion: 43 Resp: 198364

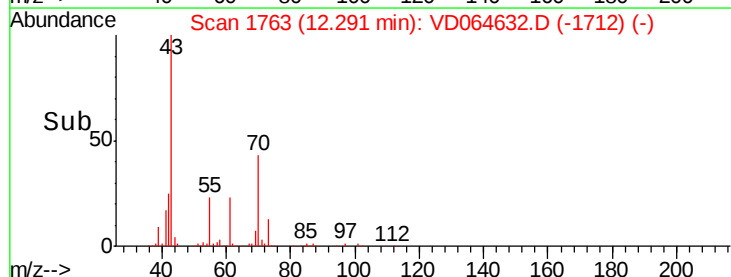
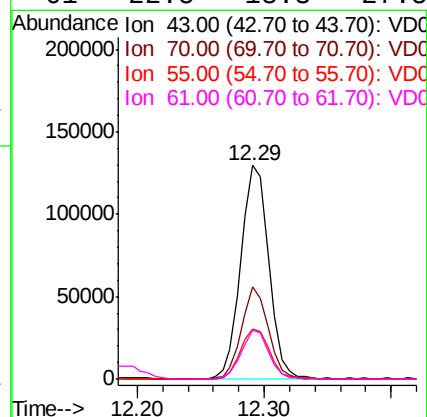
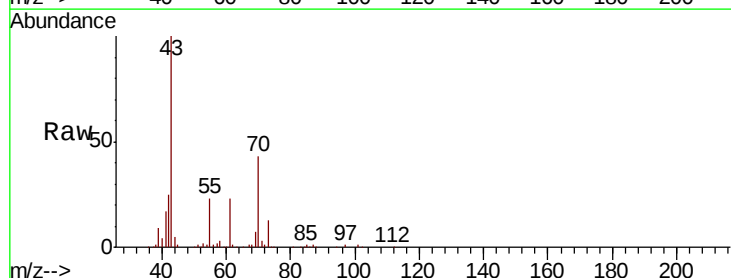
Ion Ratio Lower Upper

43 100

70 41.0 33.4 50.0

55 24.5 19.4 29.0

61 22.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 54.069 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

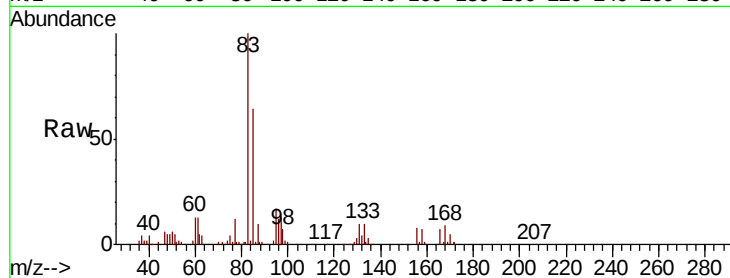
Tot Ion: 83 Resp: 142988

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.4

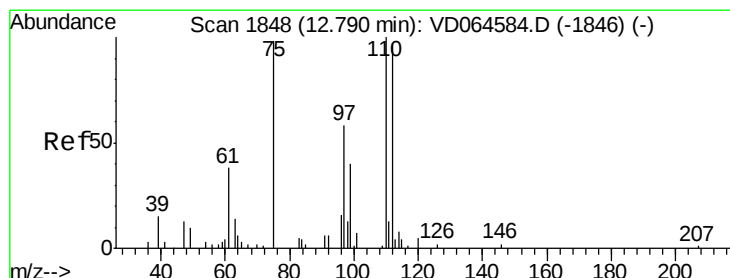
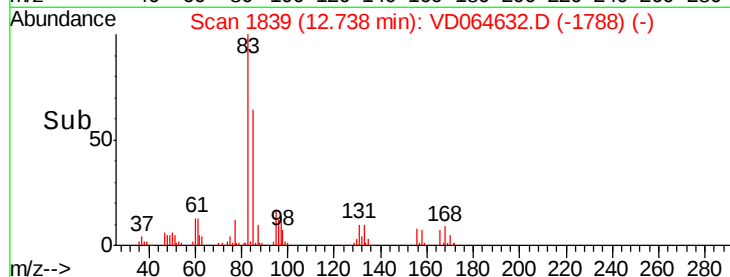
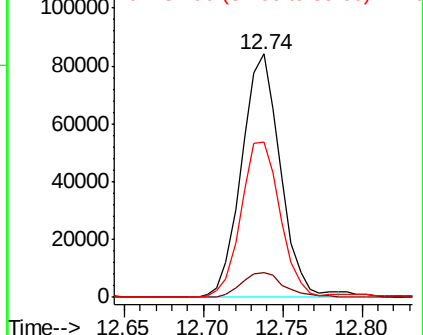
85 64.9 32.3 96.9



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



#76

1,2,3-Trichloropropane

Concen: 98.087 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD064632.D

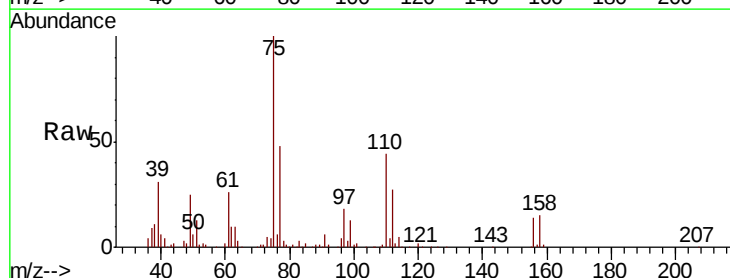
Acq: 27 Dec 2019 08:16

Tgt Ion: 75 Resp: 182462

Ion Ratio Lower Upper

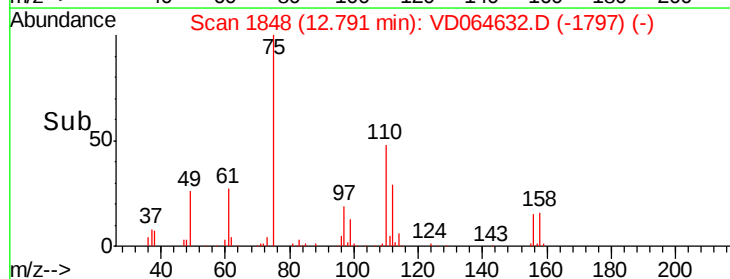
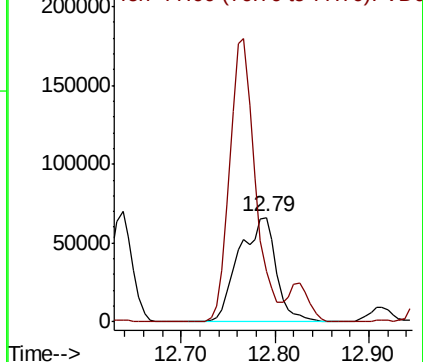
75 100

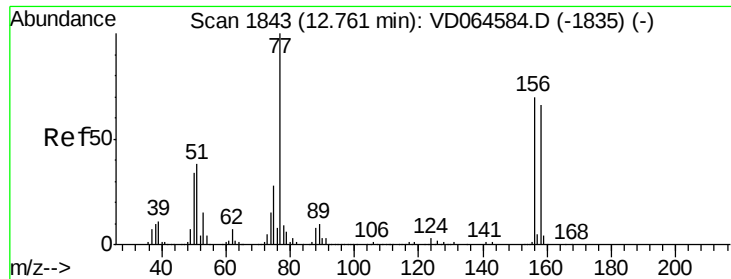
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.480 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

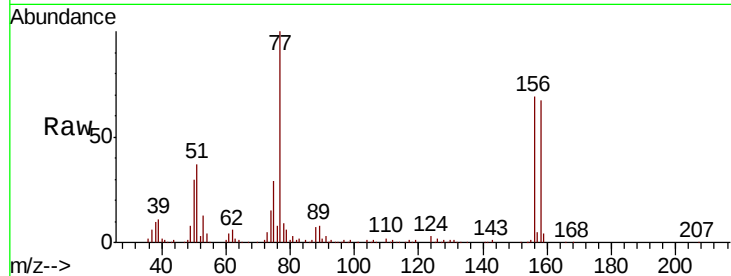
Tot Ion:156 Resp: 212947

Ion Ratio Lower Upper

156 100

77 160.5 80.9 242.7

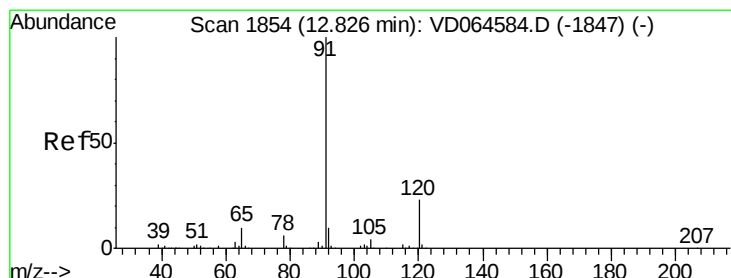
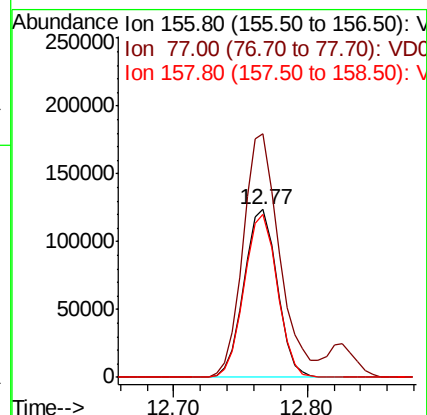
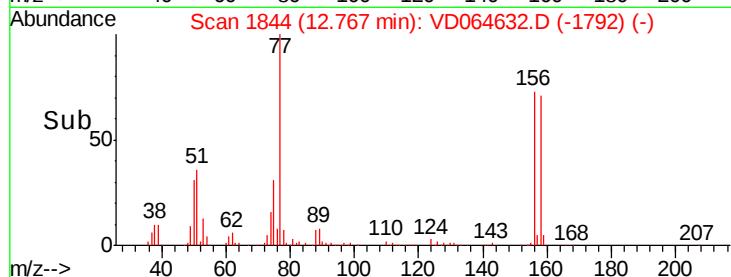
158 97.1 48.0 144.2



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: 47.885 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064632.D

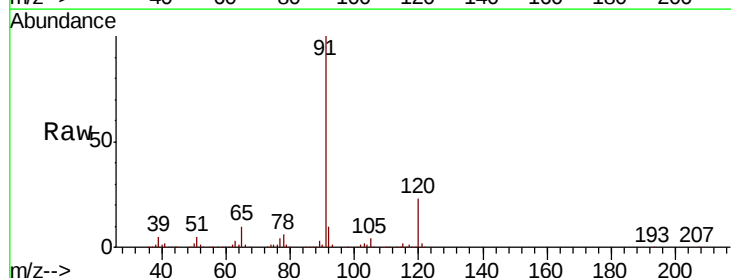
Acq: 27 Dec 2019 08:16

Tgt Ion: 91 Resp: 940440

Ion Ratio Lower Upper

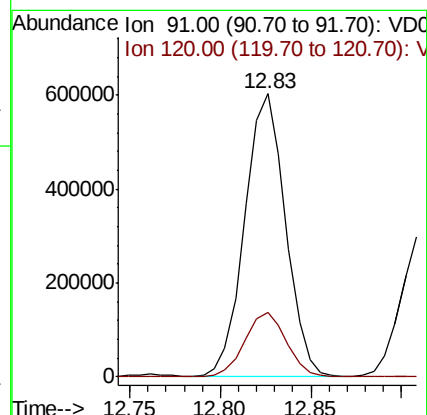
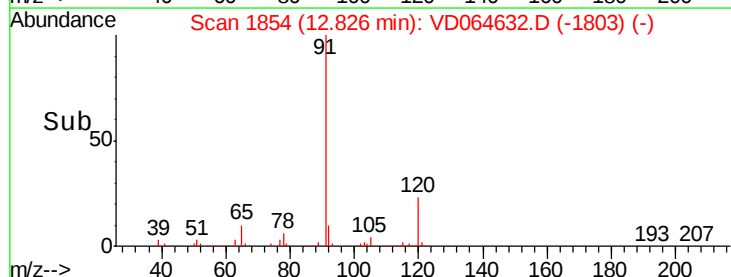
91 100

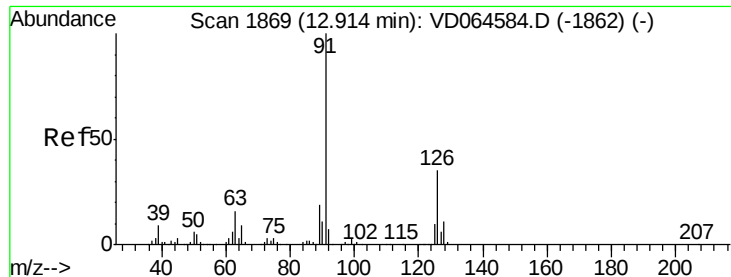
120 23.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.376 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

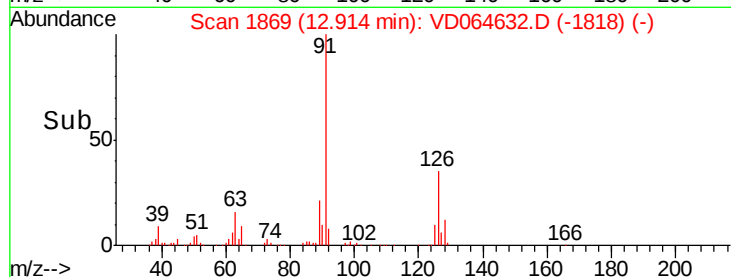
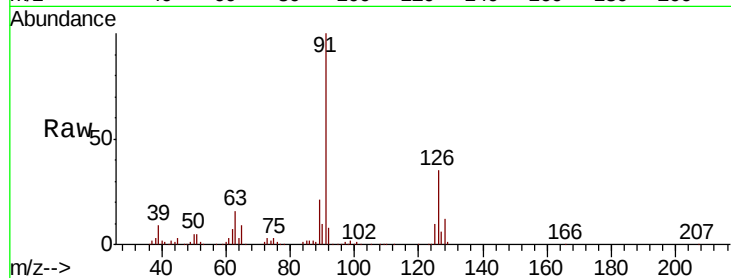
VSTDCCC050EC

Tot Ion: 91 Resp: 532701

Ion Ratio Lower Upper

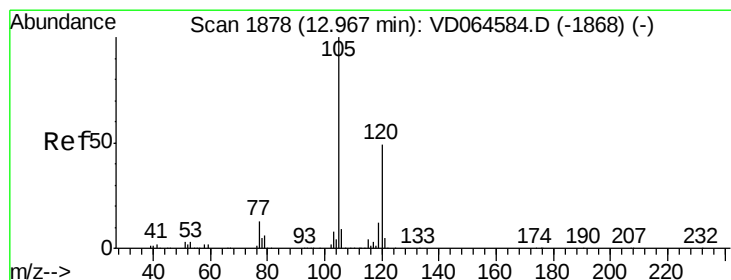
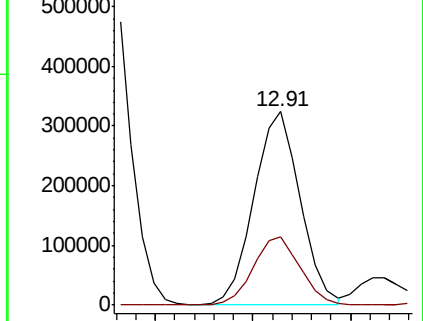
91 100

126 35.6 17.8 53.5



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: 49.044 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064632.D

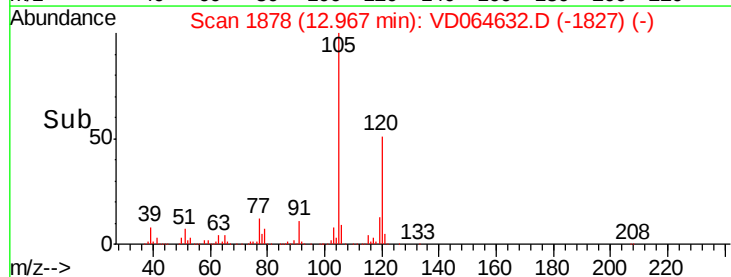
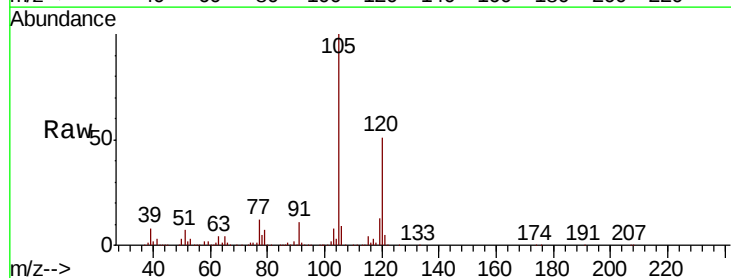
Acq: 27 Dec 2019 08:16

Tgt Ion:105 Resp: 678220

Ion Ratio Lower Upper

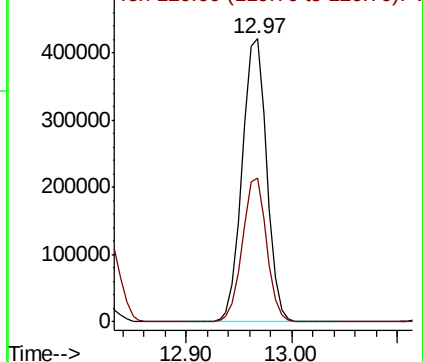
105 100

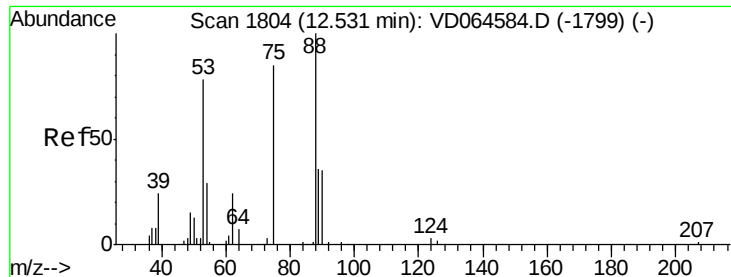
120 50.1 25.0 75.0



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: 47.832 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

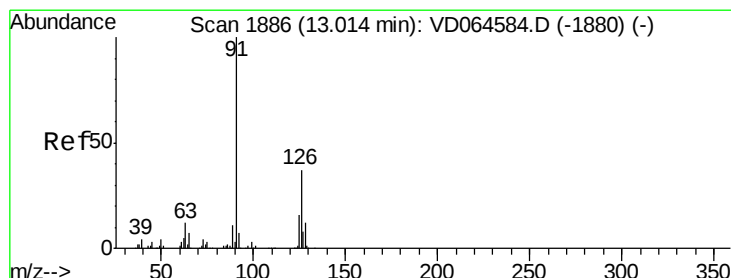
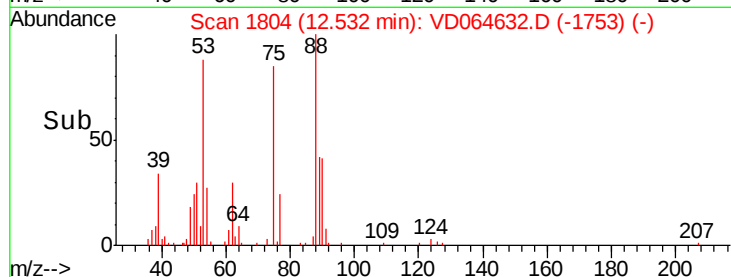
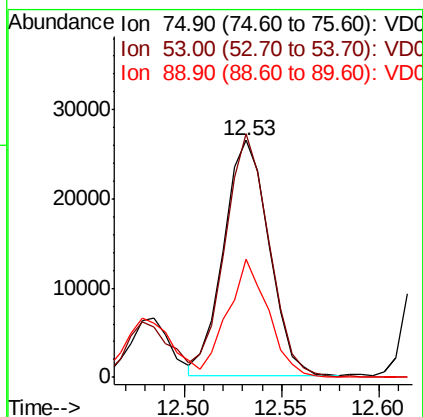
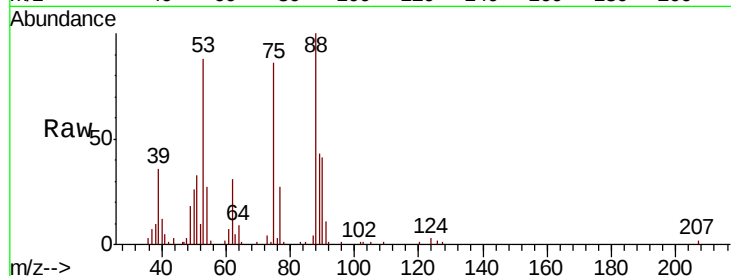
Tot Ion: 75 Resp: 42543

Ion Ratio Lower Upper

75 100

53 101.1 78.8 118.2

89 44.7 38.3 57.5



#82

4-Chlorotoluene

Concen: 49.195 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD064632.D

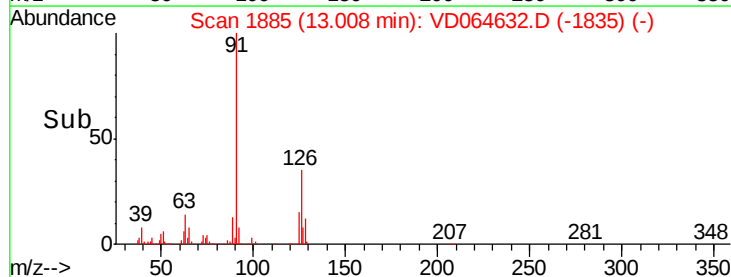
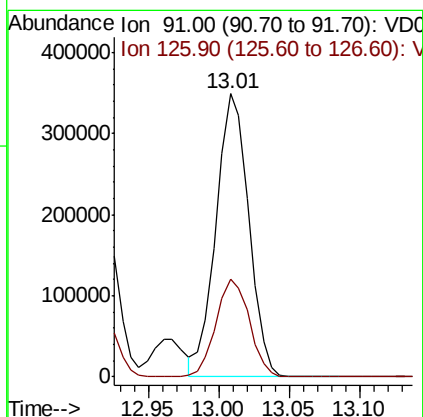
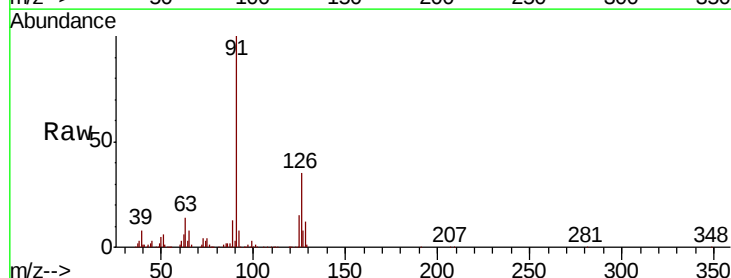
Acq: 27 Dec 2019 08:16

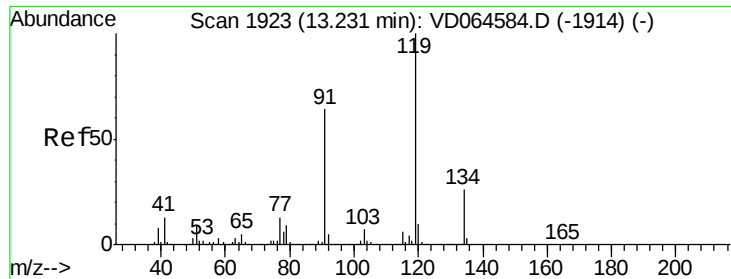
Tgt Ion: 91 Resp: 564827

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.5

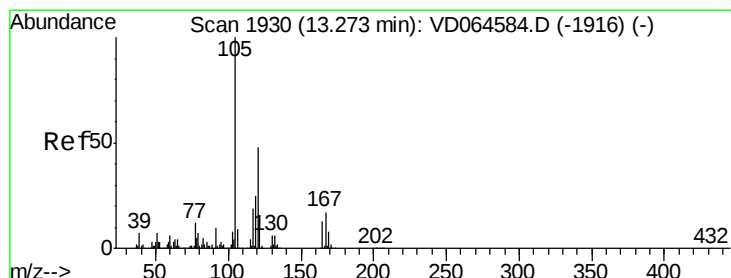
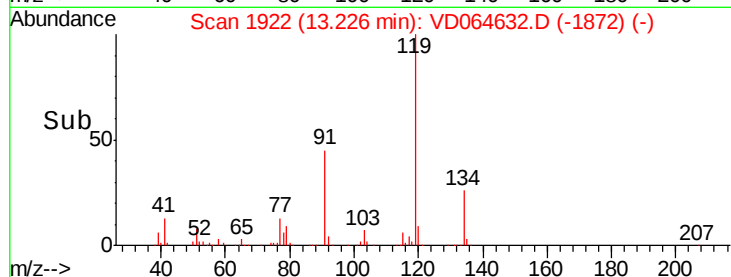
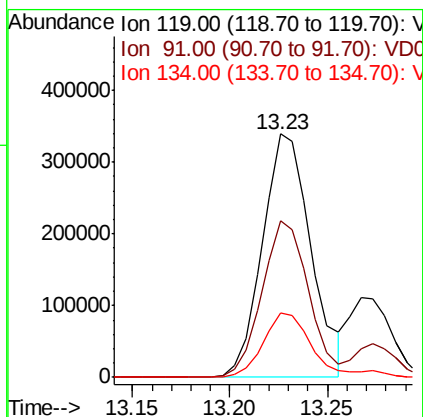
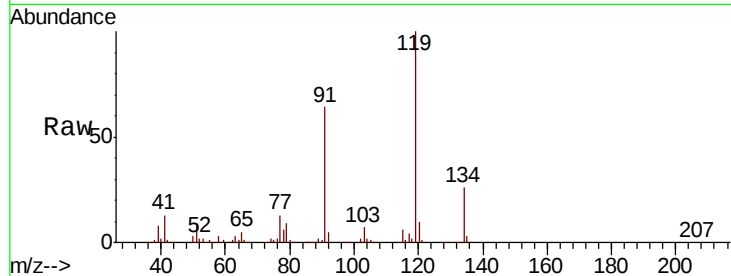




#83
tert-Butylbenzene
Concen: 48.715 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

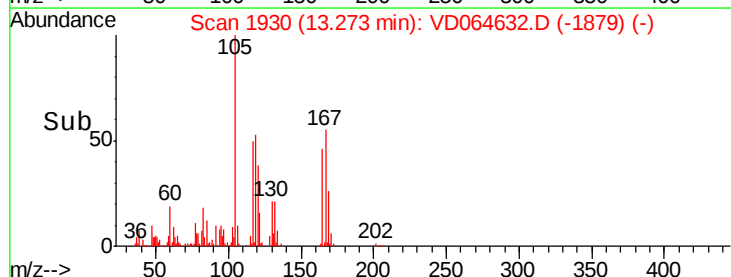
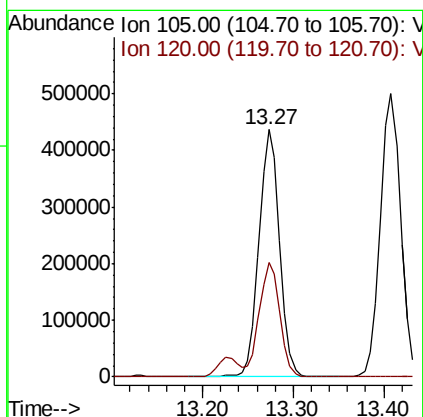
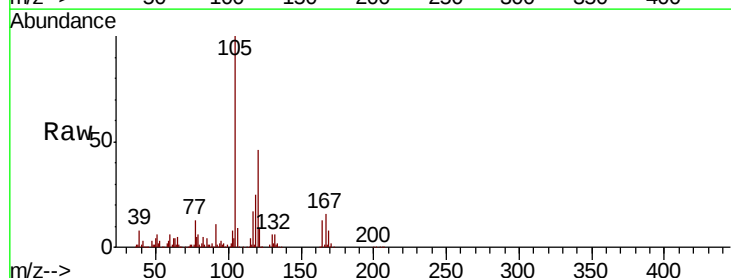
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

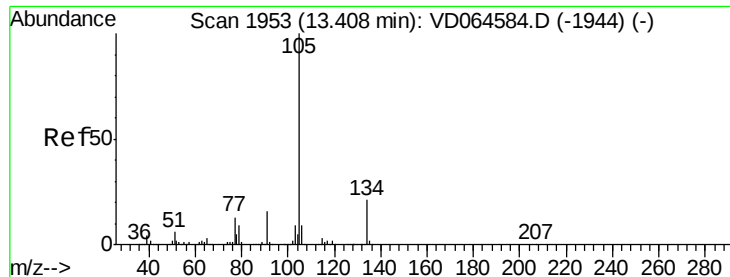
Tot Ion:119 Resp: 584912
Ion Ratio Lower Upper
119 100
91 61.5 30.8 92.4
134 27.2 12.8 38.3



#84
1,2,4-Trimethylbenzene
Concen: 49.899 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion:105 Resp: 687234
Ion Ratio Lower Upper
105 100
120 46.4 23.8 71.2

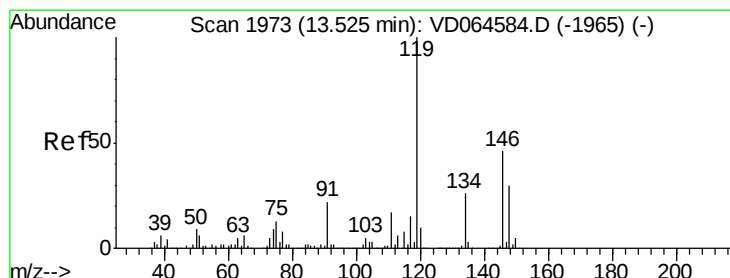
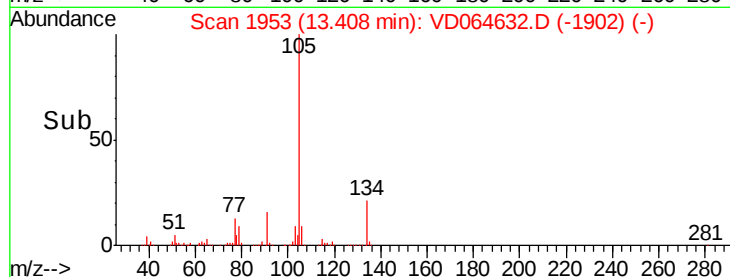
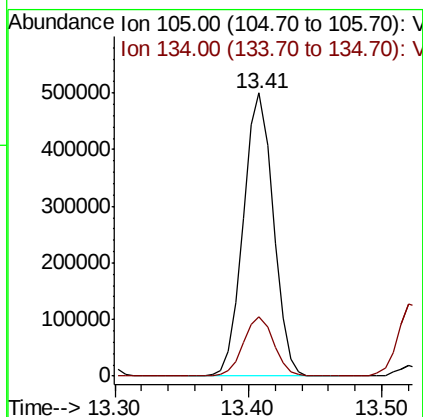
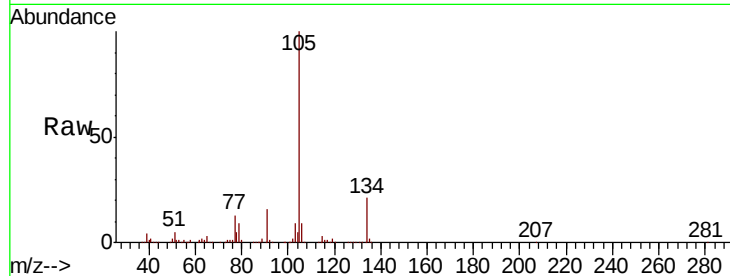




#85
 sec-Butylbenzene
 Concen: 47.045 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

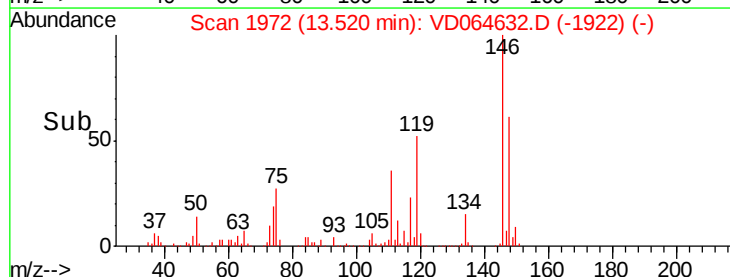
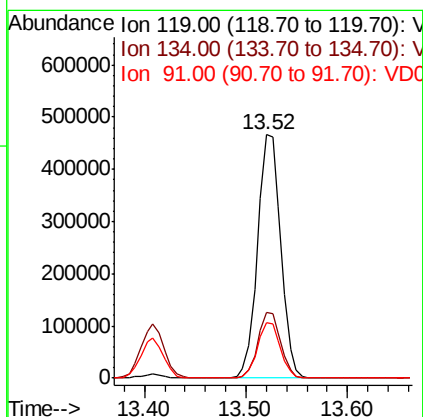
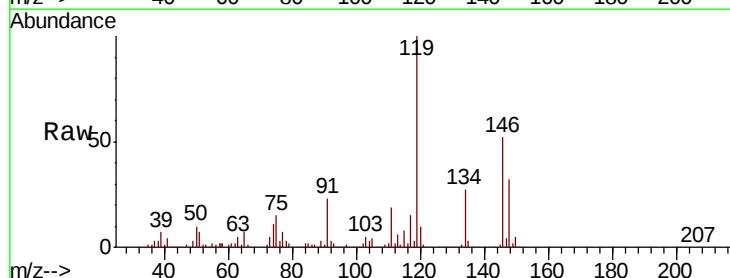
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

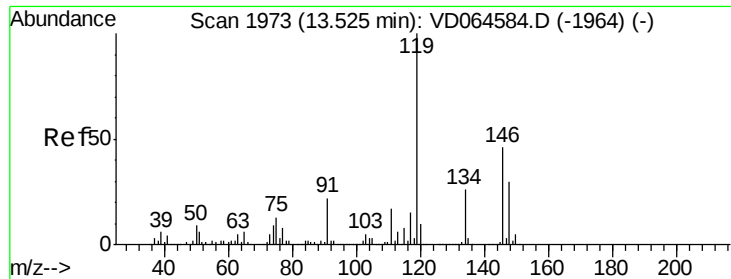
Tot Ion:105 Resp: 774395
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 47.071 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion:119 Resp: 740866
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.1
 91 22.4 11.2 33.6

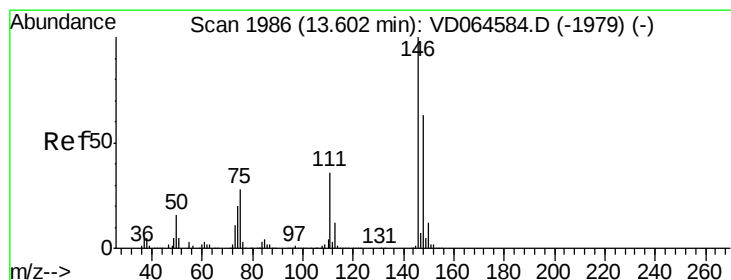
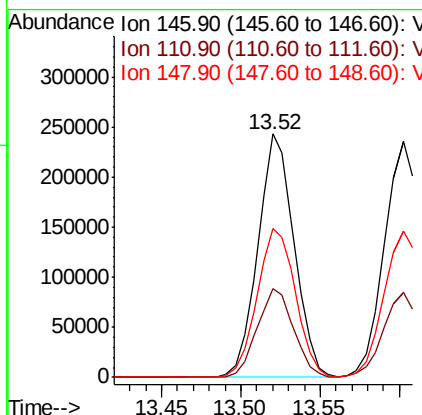
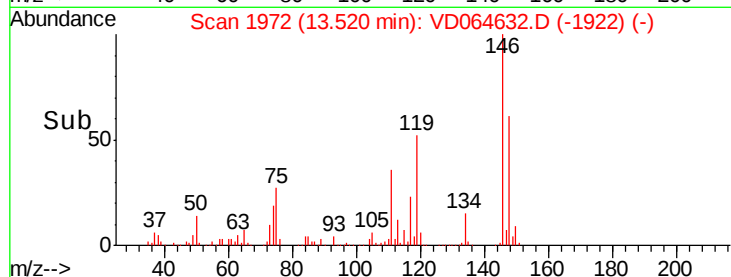
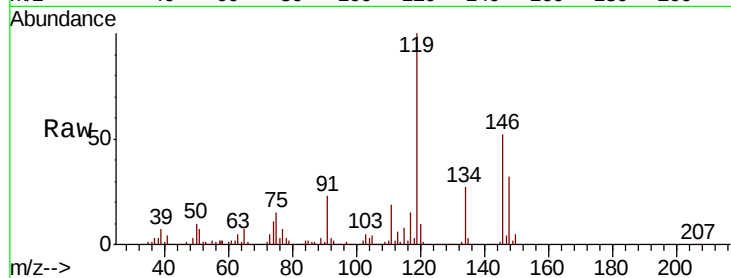




#87
 1,3-Dichlorobenzene
 Concen: 49.029 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

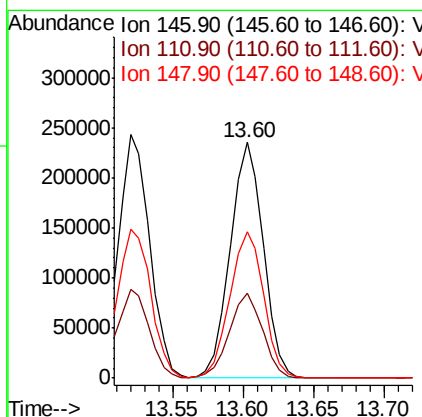
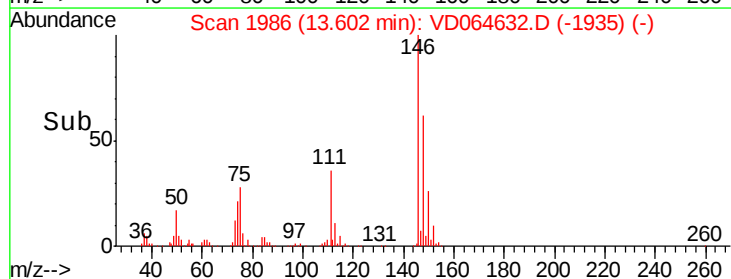
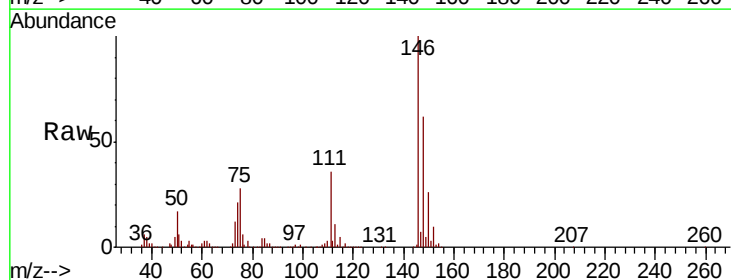
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

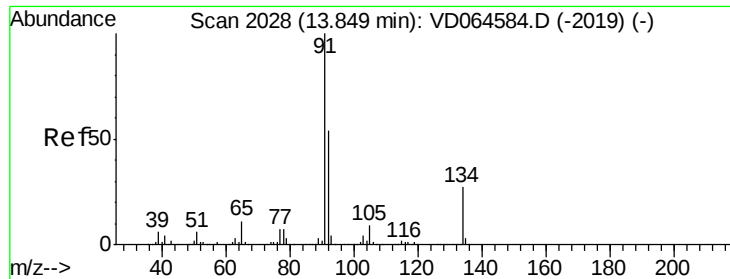
Tot Ion:146 Resp: 386615
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.8 56.4
 148 64.6 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 49.632 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion:146 Resp: 384472
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.1 54.1
 148 63.4 32.3 96.9

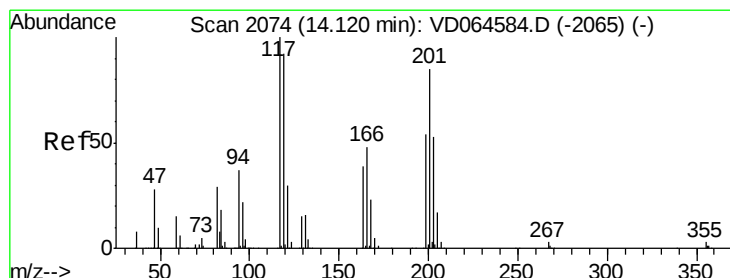
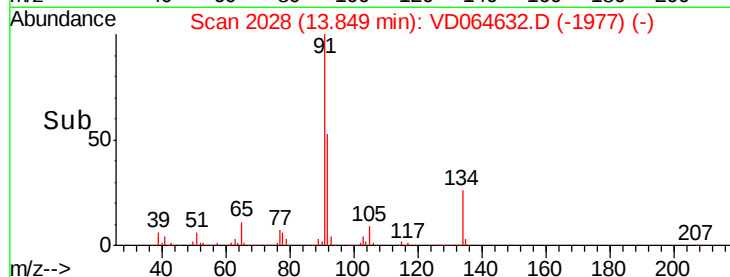
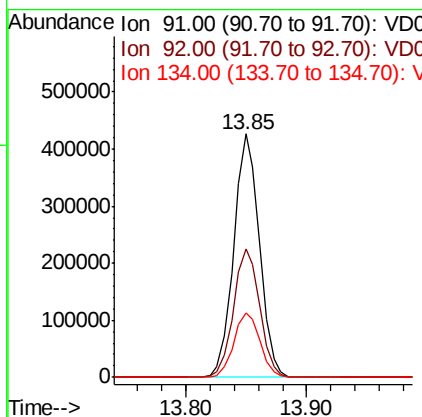
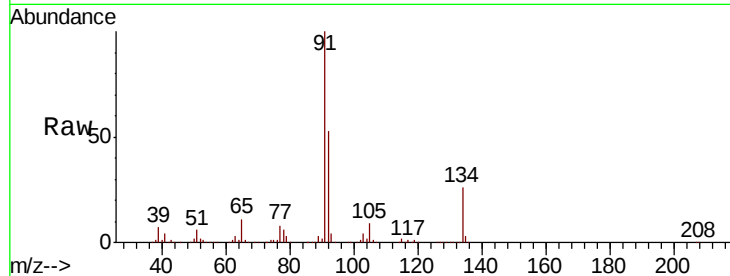




#89
n-Butylbenzene
Concen: 44.435 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

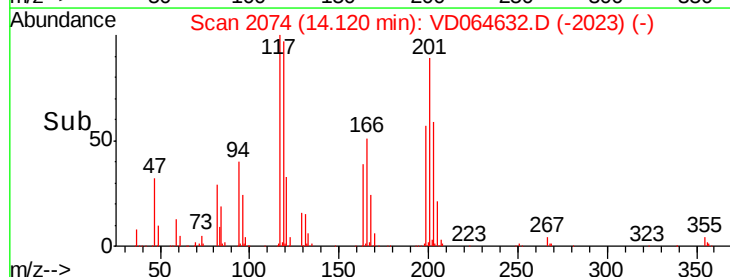
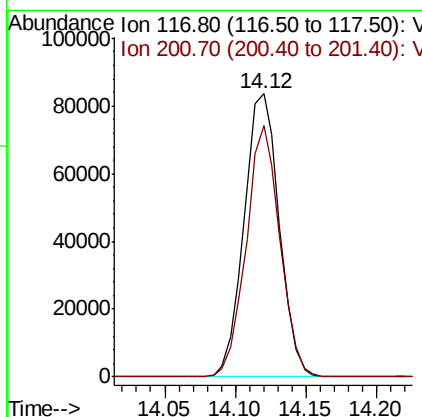
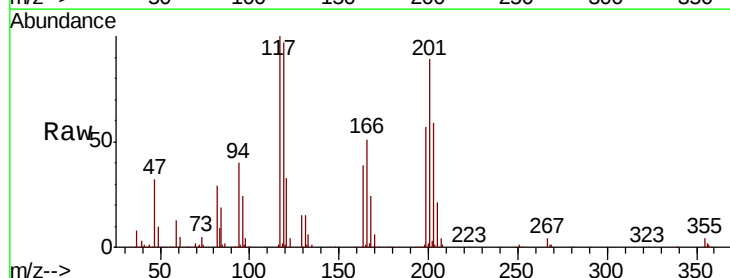
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

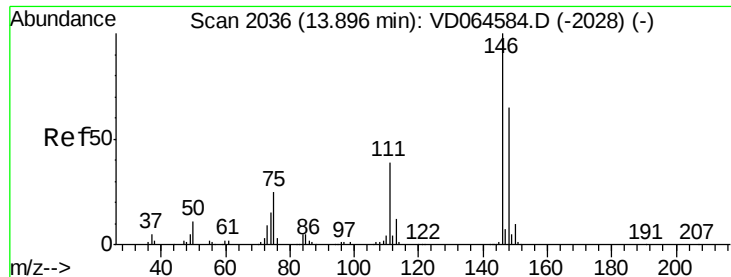
Tot Ion: 91 Resp: 629818
Ion Ratio Lower Upper
91 100
92 53.7 26.8 80.4
134 27.2 14.0 41.9



#90
Hexachloroethane
Concen: 48.600 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 117 Resp: 146119
Ion Ratio Lower Upper
117 100
201 85.1 44.0 131.8

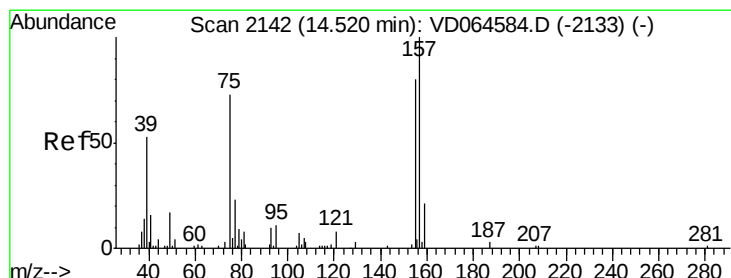
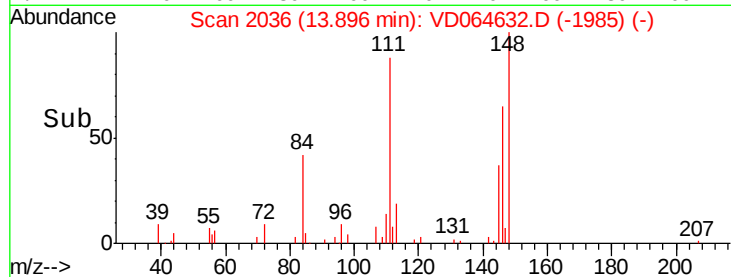
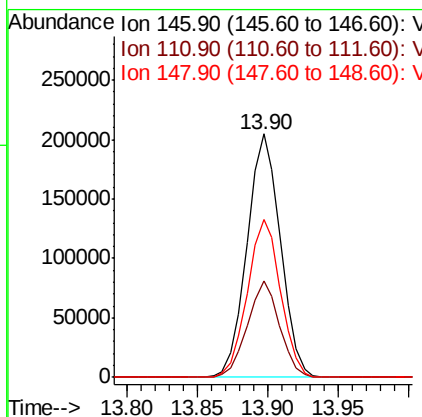
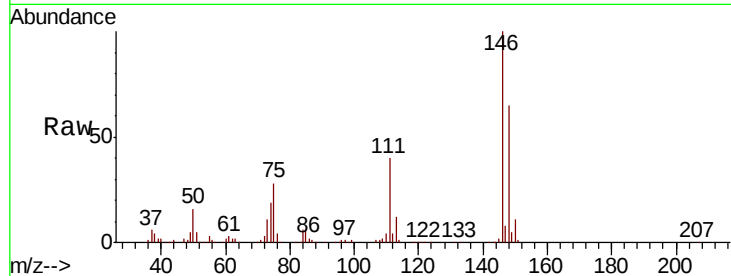




#91
 1,2-Dichlorobenzene
 Concen: 50.660 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

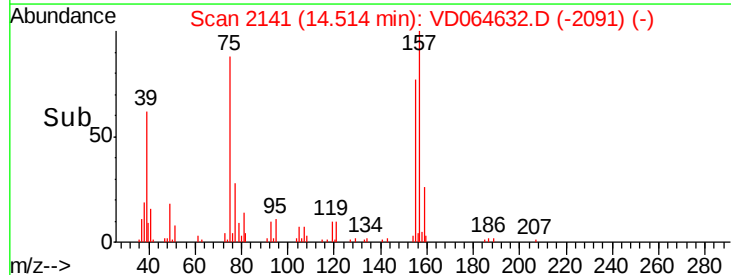
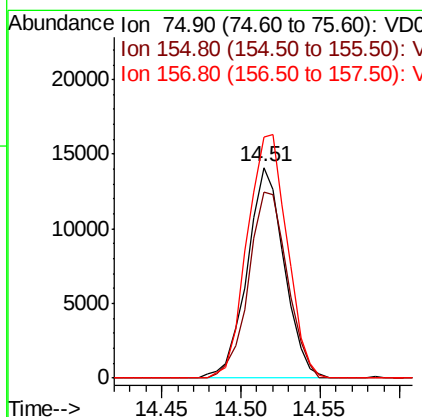
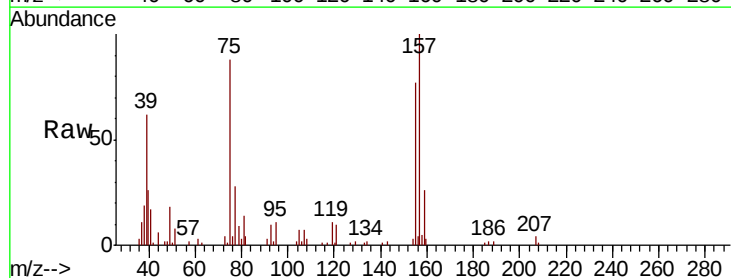
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

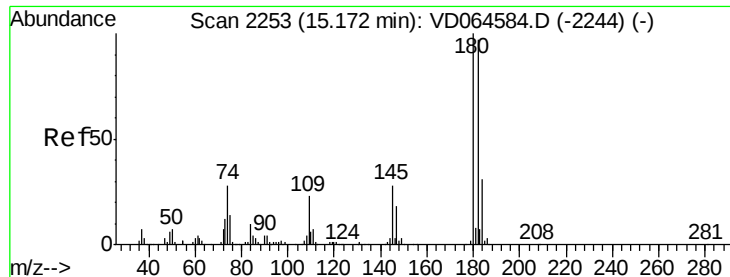
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	64.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.556 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	48.0	144.0
157	124.2	64.1	192.3

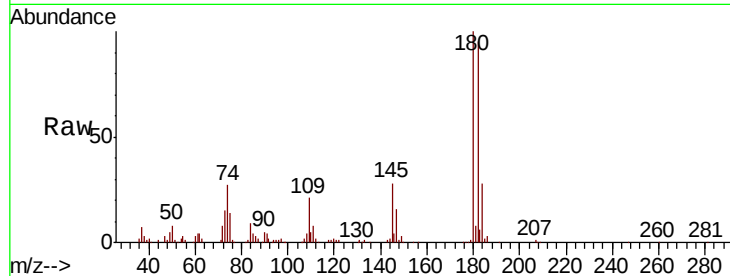




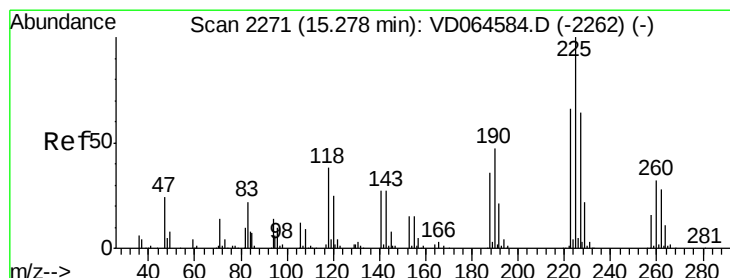
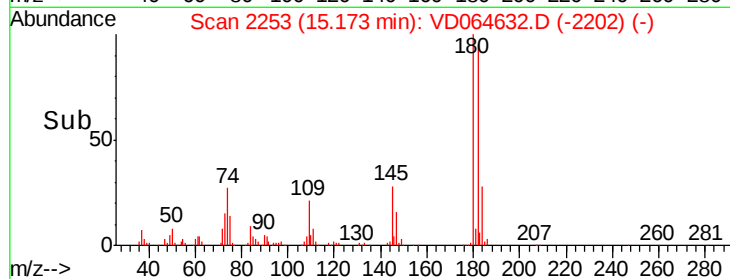
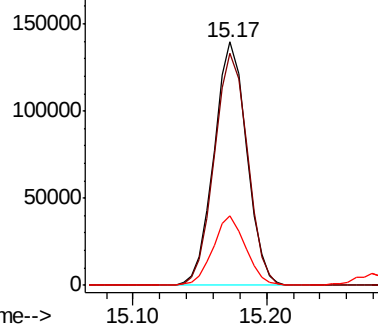
#93
 1,2,4-Trichlorobenzene
 Concen: 47.629 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 235808
 Ion Ratio Lower Upper
 180 100
 182 97.0 48.0 144.2
 145 28.5 13.8 41.4

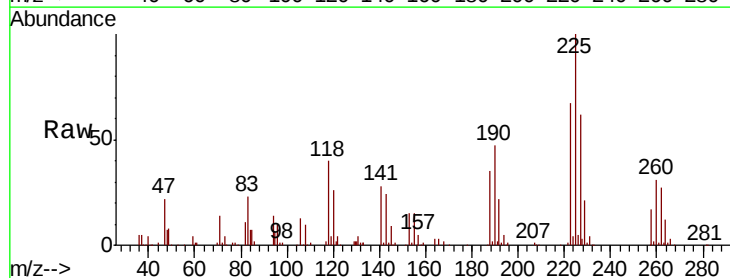


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

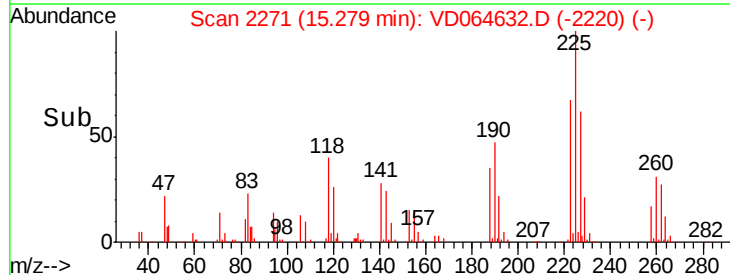
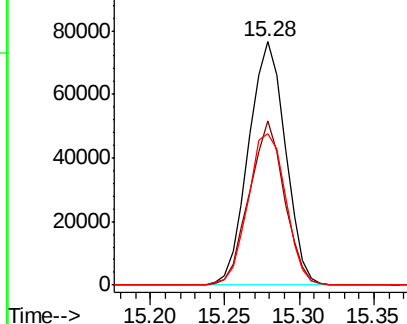


#94
 Hexachlorobutadiene
 Concen: 41.879 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion:225 Resp: 130474
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.1 93.2
 227 64.2 30.9 92.7



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





#95

Naphthalene

Concen: 53.704 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

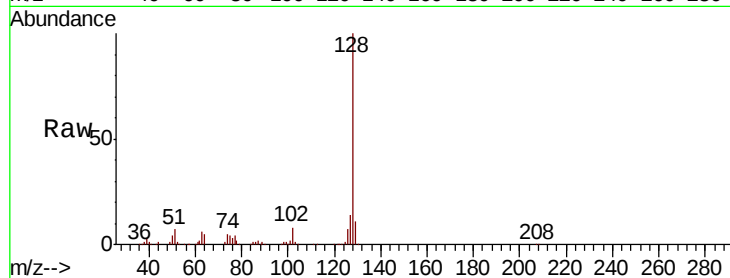
Tot Ion:128 Resp: 420635

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

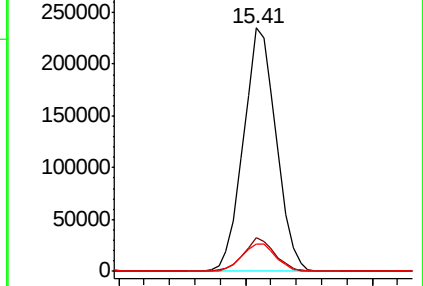
129 11.6 8.5 12.7



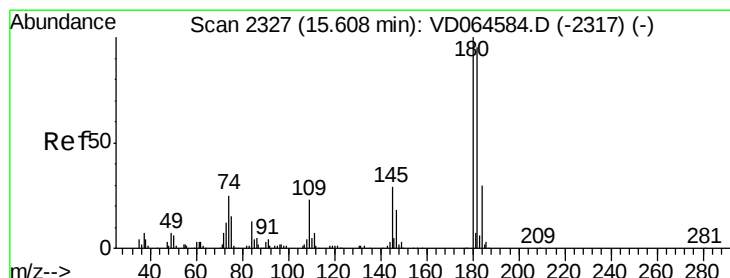
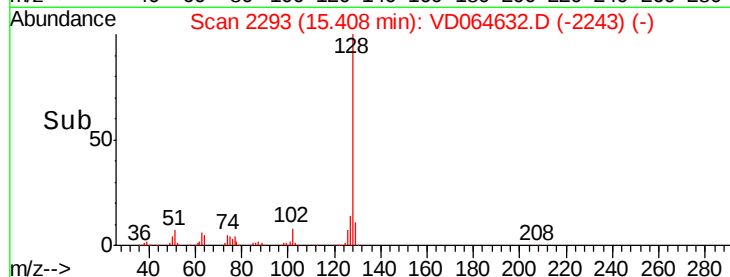
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 15.30 15.40 15.50



#96

1,2,3-Trichlorobenzene

Concen: 49.932 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

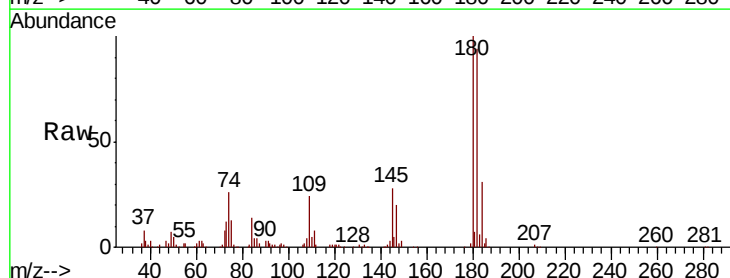
Tgt Ion:180 Resp: 211045

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

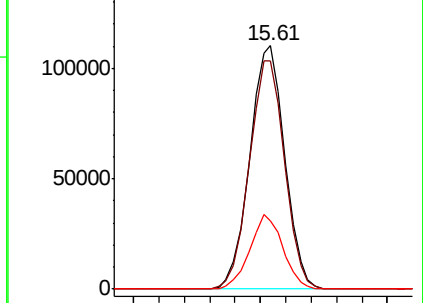
145 28.9 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time--> 15.50 15.60

