

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121619\
 Data File : VD064521.D
 Acq On : 16 Dec 2019 13:11
 Operator : VA/SY
 Sample : VD1216SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01

Quant Time: Dec 17 01:52:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	409970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	593956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	544125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264970	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	195449	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.92	113	200468	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
50) Toluene-d8	10.34	98	755209	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	12.64	95	241227	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	79156	21.309	ug/l	99
3) Chloromethane	2.21	50	102122	21.796	ug/l	95
4) Vinyl Chloride	2.35	62	123426	22.816	ug/l	99
5) Bromomethane	2.76	94	86314	21.576	ug/l	98
6) Chloroethane	2.92	64	81758	22.611	ug/l	93
7) Trichlorofluoromethane	3.27	101	203331	22.610	ug/l	96
8) Diethyl Ether	3.70	74	41030	21.955	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	86652	22.472	ug/l	98
10) Methyl Iodide	4.29	142	90489	22.222	ug/l	99
11) Tert butyl alcohol	5.24	59	25151	106.476	ug/l #	100
12) 1,1-Dichloroethene	4.06	96	81920	22.169	ug/l	98
13) Acrolein	3.93	56	26914	83.534	ug/l	96
14) Allyl chloride	4.71	41	131009	22.717	ug/l	97
15) Acrylonitrile	5.43	53	88321	108.077	ug/l	100
16) Acetone	4.16	43	84721	112.979	ug/l	99
17) Carbon Disulfide	4.40	76	250058	21.366	ug/l	95
18) Methyl Acetate	4.73	43	46170	21.108	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	183854	21.690	ug/l	98
20) Methylene Chloride	4.96	84	91670	21.527	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	93741	22.427	ug/l	95
22) Diisopropyl ether	6.37	45	248567	21.834	ug/l	96
23) Vinyl Acetate	6.31	43	723016	107.726	ug/l	99
24) 1,1-Dichloroethane	6.27	63	151849	22.179	ug/l	99
25) 2-Butanone	7.23	43	115352	108.772	ug/l	95
26) 2,2-Dichloropropane	7.21	77	136689	22.957	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	98888	21.700	ug/l	99
28) Bromochloromethane	7.55	49	37529	16.039	ug/l	95
29) Tetrahydrofuran	7.57	42	73891	109.515	ug/l	97
30) Chloroform	7.71	83	160580	22.647	ug/l	96
31) Cyclohexane	7.98	56	144024	21.477	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	147290	22.405	ug/l	99
36) 1,1-Dichloropropene	8.11	75	125684	22.372	ug/l	98
37) Ethyl Acetate	7.30	43	51117	21.443	ug/l	98
38) Carbon Tetrachloride	8.10	117	135705	22.887	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121619\
 Data File : VD064521.D
 Acq On : 16 Dec 2019 13:11
 Operator : VA/SY
 Sample : VD1216SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1216SBS01

Quant Time: Dec 17 01:52:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	153646	22.047	ug/l	99
40) Benzene	8.35	78	340833	21.843	ug/l	100
41) Methacrylonitrile	7.53	41	25587	18.716	ug/l #	77
42) 1,2-Dichloroethane	8.43	62	100973	22.190	ug/l	98
43) Isopropyl Acetate	8.46	43	102002	21.762	ug/l	99
44) Trichloroethene	9.11	130	105709	22.490	ug/l	92
45) 1,2-Dichloropropane	9.39	63	85448	22.898	ug/l	97
46) Dibromomethane	9.48	93	44745	21.245	ug/l	96
47) Bromodichloromethane	9.66	83	124076	22.927	ug/l	95
48) Methyl methacrylate	9.46	41	45549	21.237	ug/l	96
49) 1,4-Dioxane	9.46	88	11444	440.016	ug/l #	91
51) 4-Methyl-2-Pentanone	10.23	43	252140	108.722	ug/l	100
52) Toluene	10.40	92	226843	22.307	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	117118	22.708	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	137242	22.399	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	62385	21.632	ug/l	99
56) Ethyl methacrylate	10.66	69	78697	21.395	ug/l	97
57) 1,3-Dichloropropane	10.95	76	109277	22.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	165942	113.169	ug/l	98
59) 2-Hexanone	10.98	43	171492	106.569	ug/l	99
60) Dibromochloromethane	11.14	129	85235	21.798	ug/l	99
61) 1,2-Dibromoethane	11.25	107	63475	22.044	ug/l	95
64) Tetrachloroethene	10.87	164	89402	21.546	ug/l	97
65) Chlorobenzene	11.67	112	241368	21.268	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	91683	21.823	ug/l	99
67) Ethyl Benzene	11.75	91	426437	21.119	ug/l	98
68) m/p-Xylenes	11.86	106	329768	42.833	ug/l	100
69) o-Xylene	12.18	106	148614	20.901	ug/l	97
70) Styrene	12.20	104	264734	21.425	ug/l	99
71) Bromoform	12.36	173	53298	21.205	ug/l #	95
73) Isopropylbenzene	12.48	105	412389	21.640	ug/l	100
74) N-amyl acetate	12.29	43	89586	20.712	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	67164	21.312	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	88385	40.562	ug/l #	100
77) Bromobenzene	12.76	156	101945	21.663	ug/l	99
78) n-propylbenzene	12.83	91	481257	21.887	ug/l	100
79) 2-Chlorotoluene	12.91	91	263459	21.776	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	334075	21.452	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	23328	23.344	ug/l	90
82) 4-Chlorotoluene	13.01	91	278569	21.746	ug/l	99
83) tert-Butylbenzene	13.23	119	291410	21.524	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	332370	21.225	ug/l	100
85) sec-Butylbenzene	13.41	105	400084	21.531	ug/l	99
86) p-Isopropyltoluene	13.53	119	368992	21.033	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	189730	21.242	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	189792	21.522	ug/l	98
89) n-Butylbenzene	13.86	91	348807	21.894	ug/l	99
90) Hexachloroethane	14.12	117	73414	22.374	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	162194	21.248	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	11136	21.118	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121619\
Data File : VD064521.D
Acq On : 16 Dec 2019 13:11
Operator : VA/SY
Sample : VD1216SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01

Quant Time: Dec 17 01:52:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

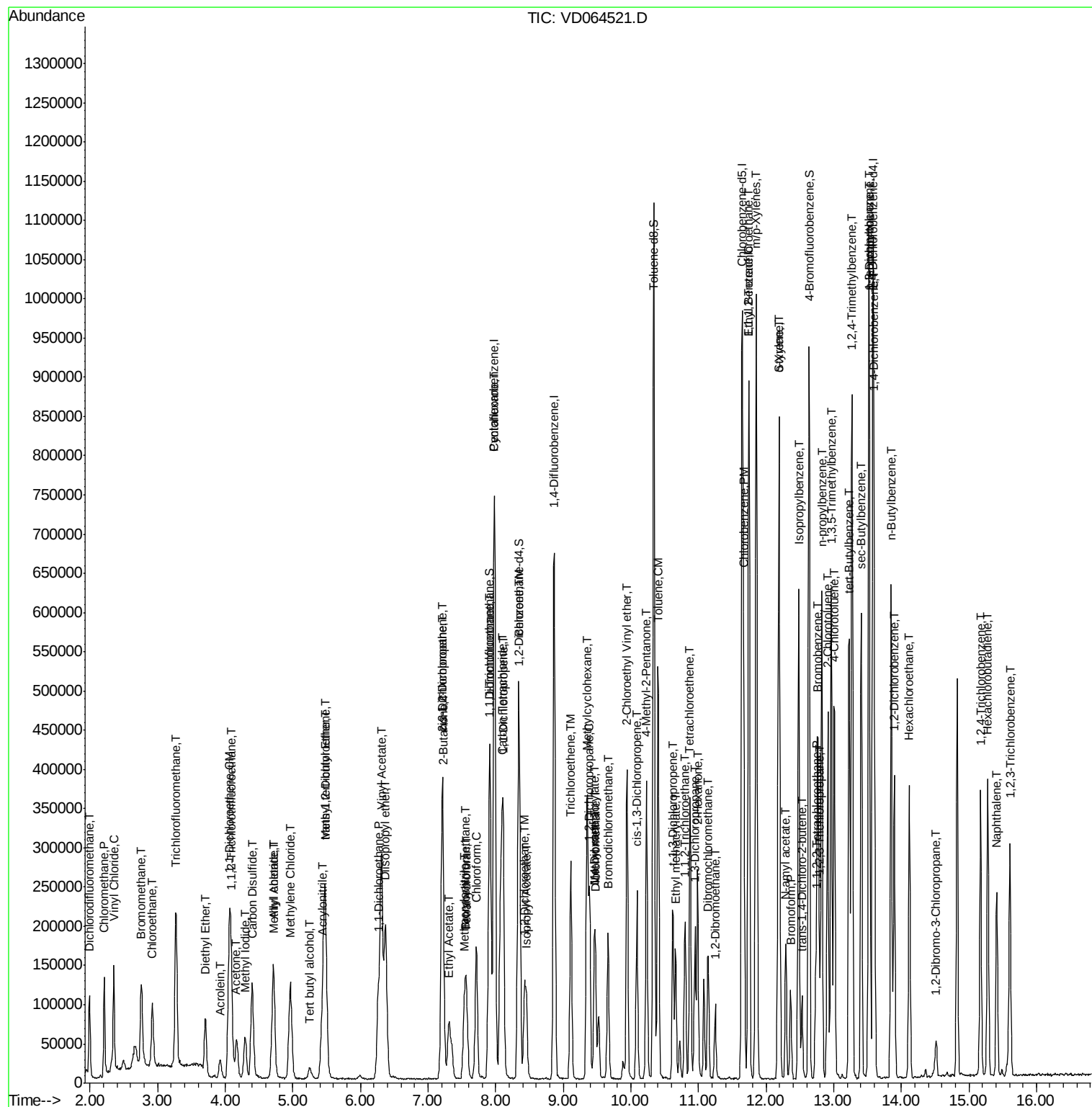
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	124670	21.326	ug/l	99
94) Hexachlorobutadiene	15.28	225	78804	21.835	ug/l	98
95) Naphthalene	15.41	128	206342	21.150	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	109431	21.929	ug/l	99

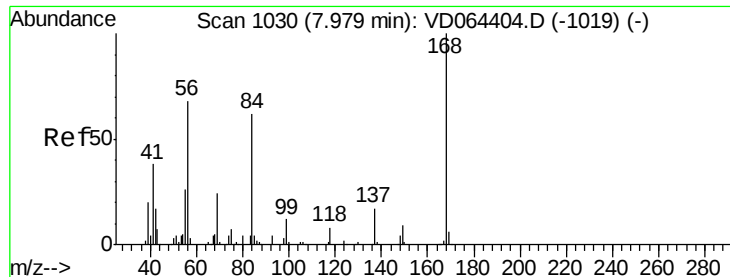
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121619\
 Data File : VD064521.D
 Acq On : 16 Dec 2019 13:11
 Operator : VA/SY
 Sample : VD1216SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01

Quant Time: Dec 17 01:52:45 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

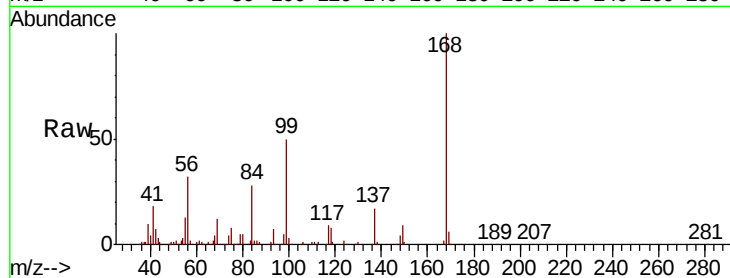
VD1216SBS01

Tgt Ion:168 Resp: 409970

Ion Ratio Lower Upper

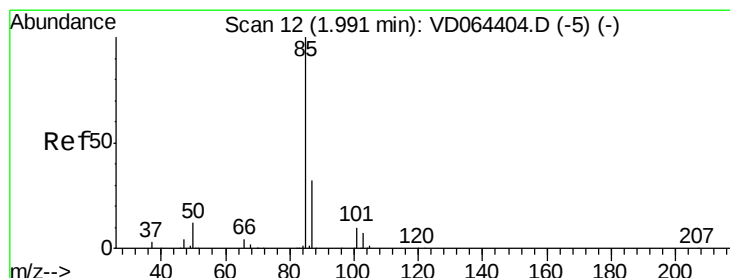
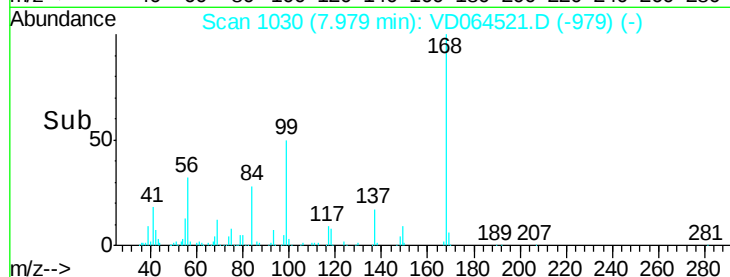
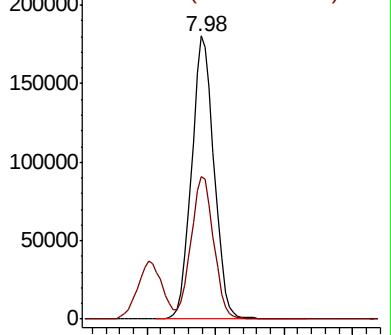
168 100

99 50.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.309 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064521.D

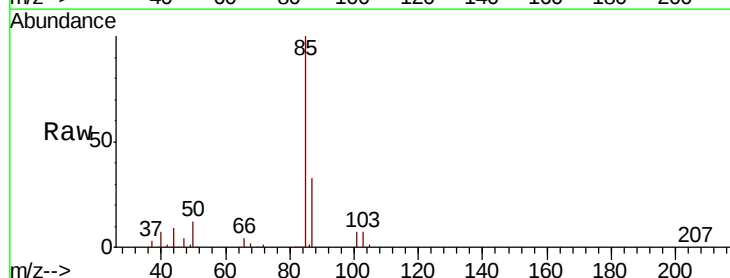
Acq: 16 Dec 2019 13:11

Tgt Ion: 85 Resp: 79156

Ion Ratio Lower Upper

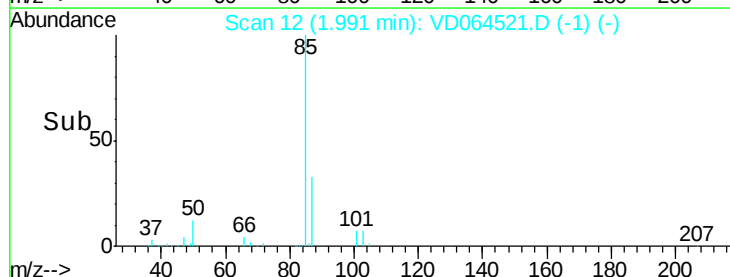
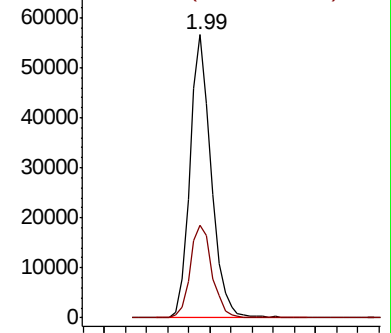
85 100

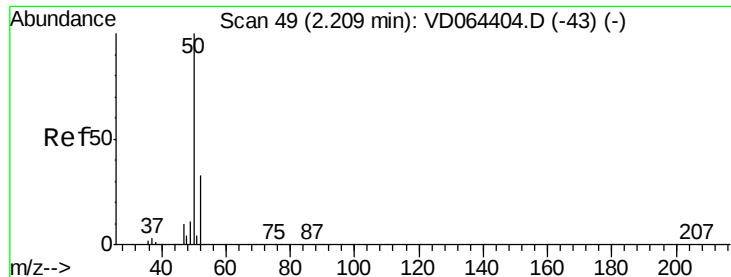
87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.796 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

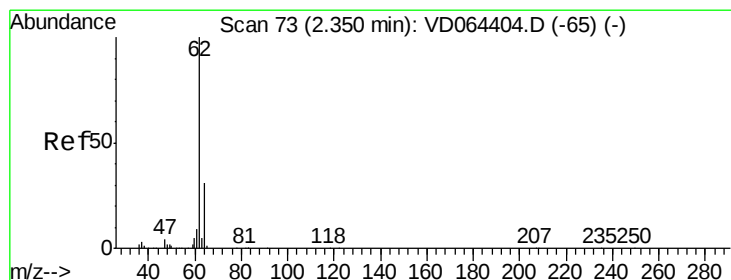
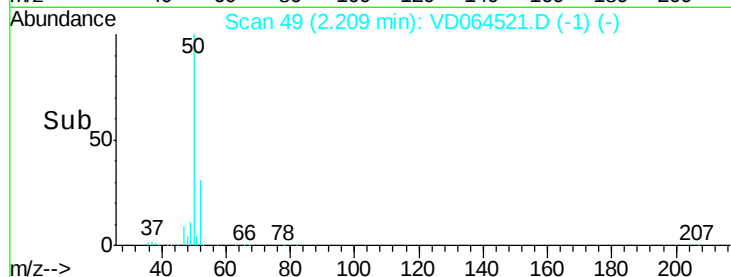
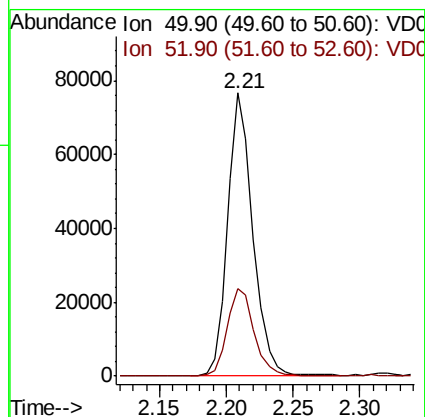
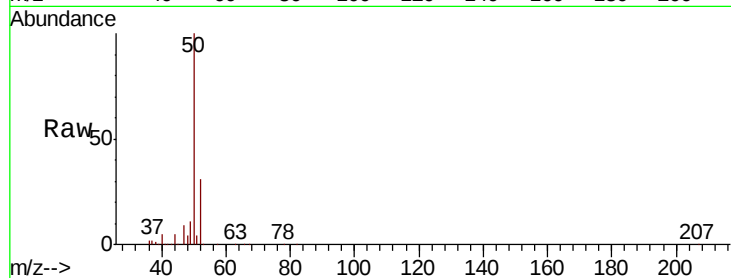
VD1216SBS01

Tgt Ion: 50 Resp: 102122

Ion Ratio Lower Upper

50 100

52 30.8 26.7 40.1



#4

Vinyl Chloride

Concen: 22.816 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064521.D

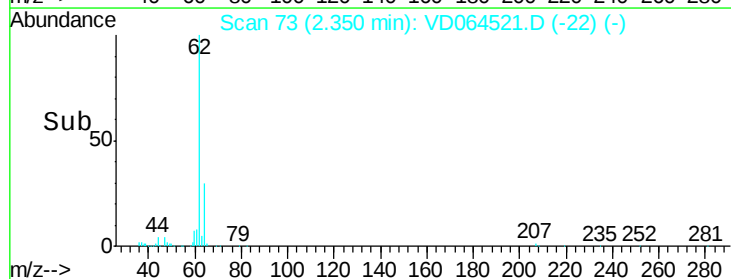
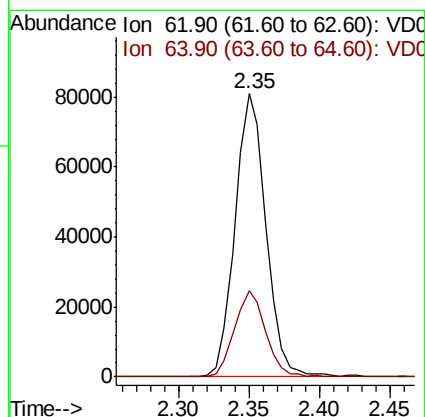
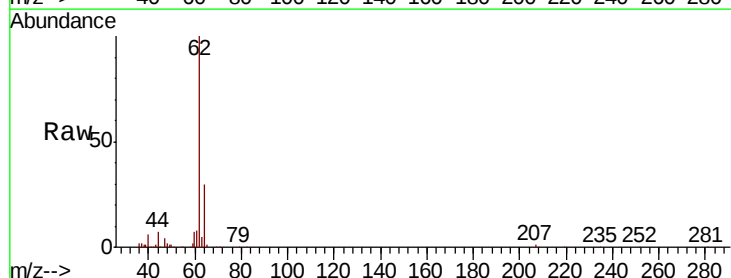
Acq: 16 Dec 2019 13:11

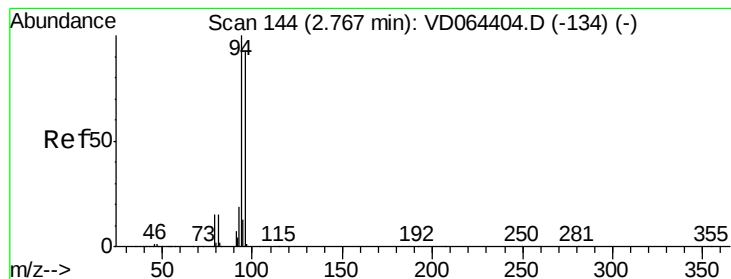
Tgt Ion: 62 Resp: 123426

Ion Ratio Lower Upper

62 100

64 30.4 25.0 37.4





#5

Bromomethane

Concen: 21.576 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

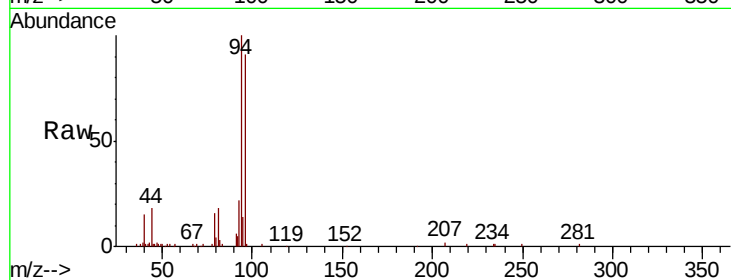
VD1216SBSD01

Tgt Ion: 94 Resp: 86314

Ion Ratio Lower Upper

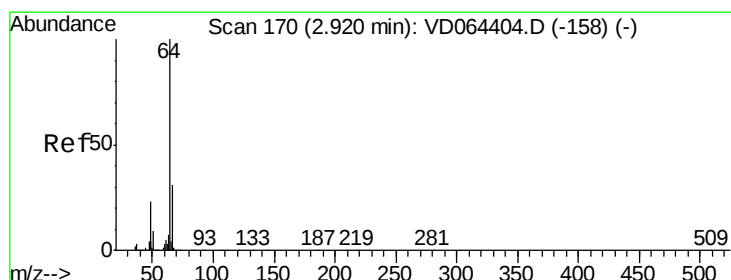
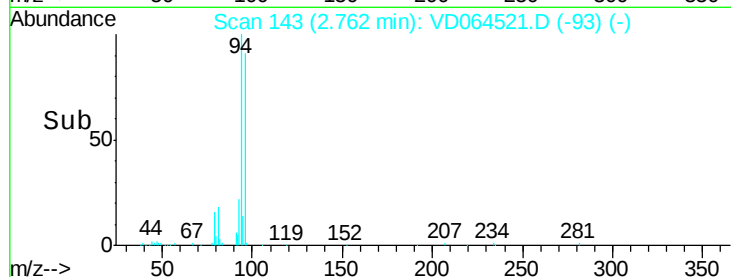
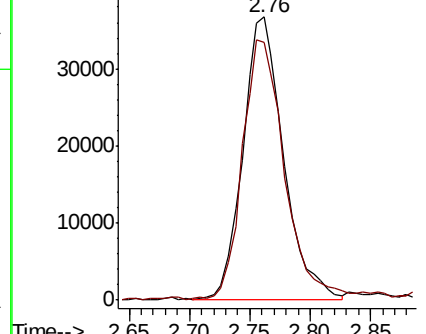
94 100

96 90.4 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 22.611 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD064521.D

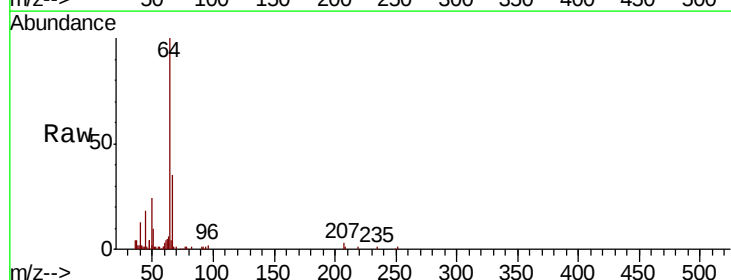
Acq: 16 Dec 2019 13:11

Tgt Ion: 64 Resp: 81758

Ion Ratio Lower Upper

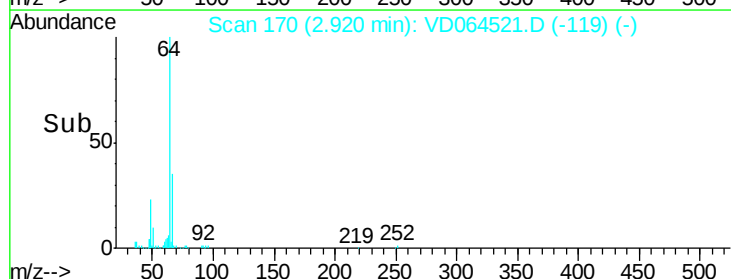
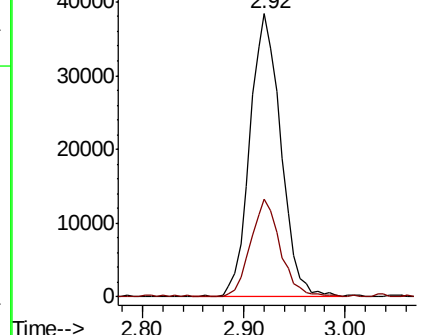
64 100

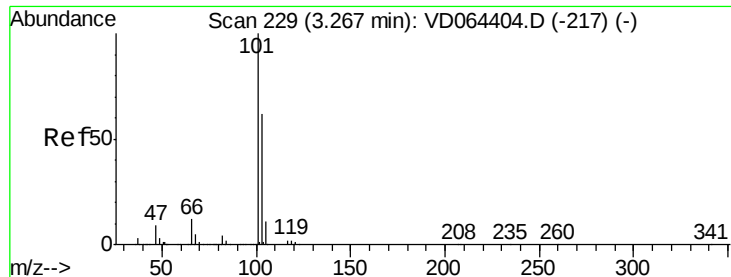
66 34.6 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



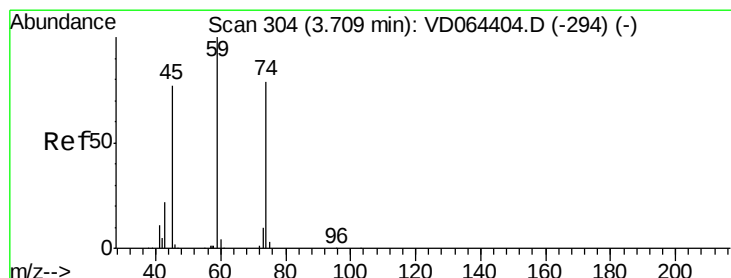
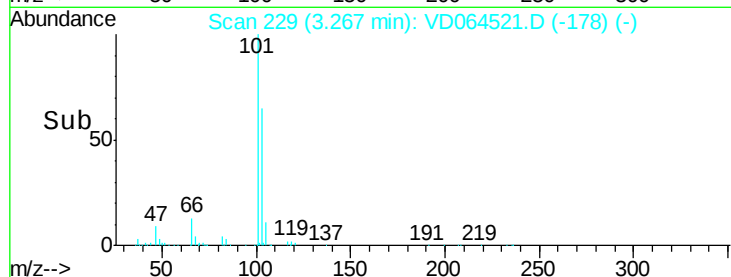
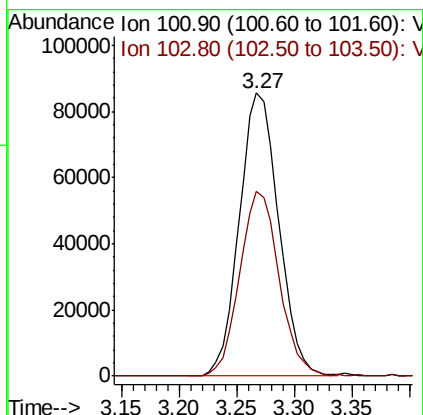
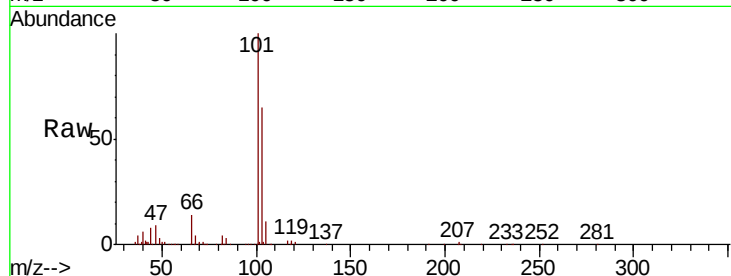


#7

Trichlorofluoromethane
 Concen: 22.610 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBSD01

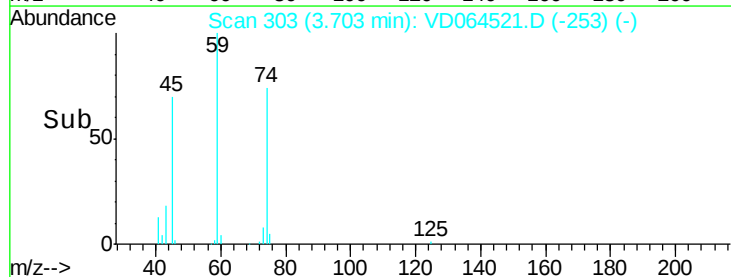
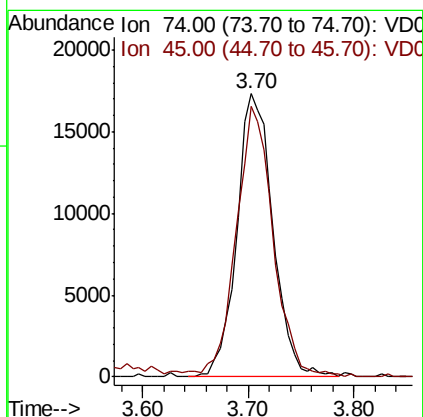
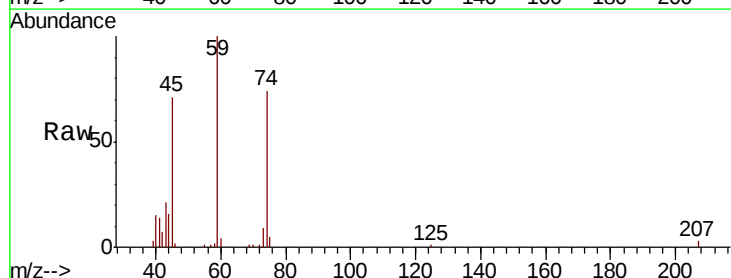
Tgt Ion:101 Resp: 203331
 Ion Ratio Lower Upper
 101 100
 103 65.4 49.8 74.6

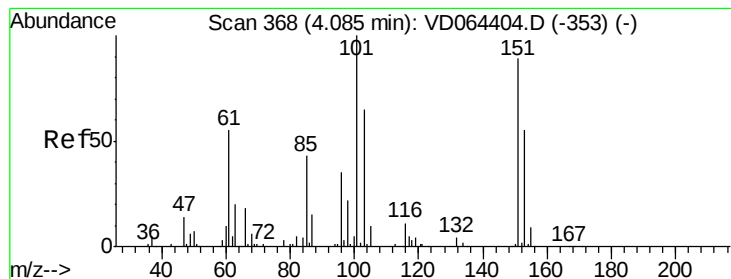


#8

Diethyl Ether
 Concen: 21.955 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion: 74 Resp: 41030
 Ion Ratio Lower Upper
 74 100
 45 98.0 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.472 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBSD01

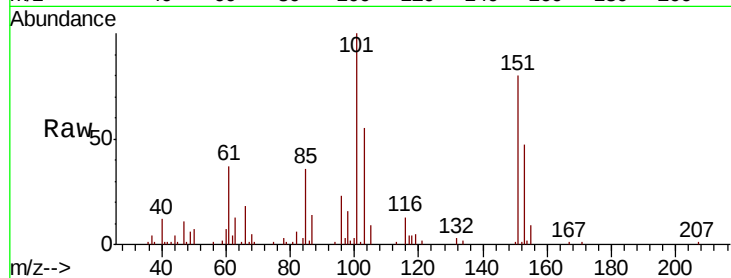
Tgt Ion:101 Resp: 86652

Ion Ratio Lower Upper

101 100

85 43.1 34.8 52.2

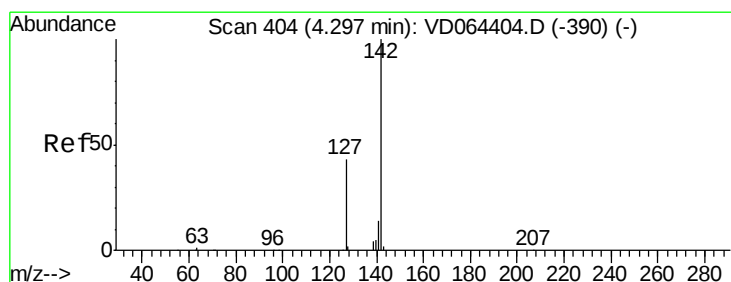
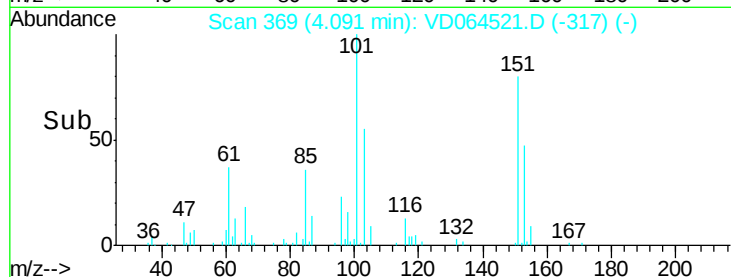
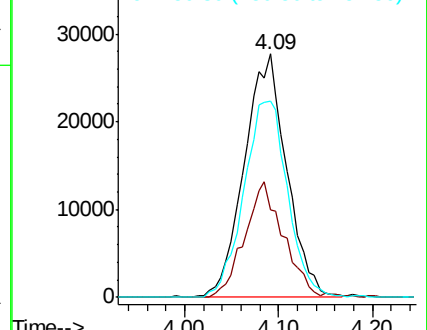
151 83.1 68.8 103.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.222 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

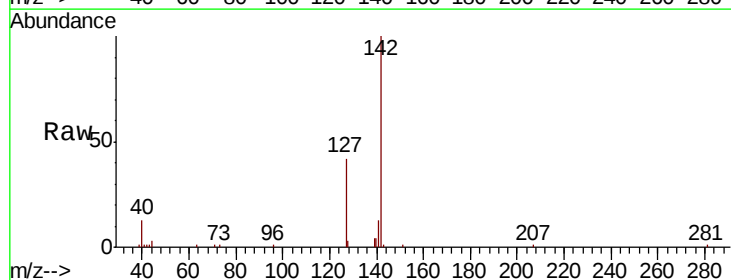
Tgt Ion:142 Resp: 90489

Ion Ratio Lower Upper

142 100

127 43.8 35.3 52.9

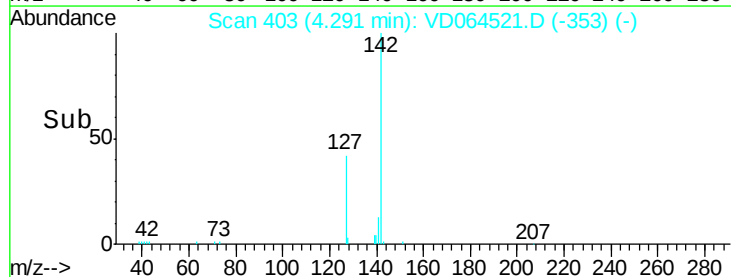
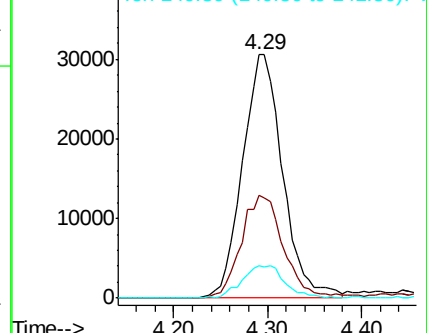
141 14.3 11.6 17.4

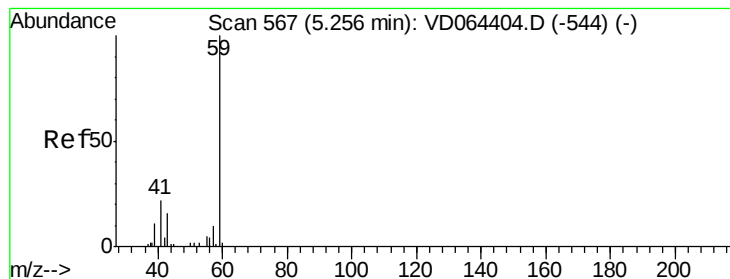


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



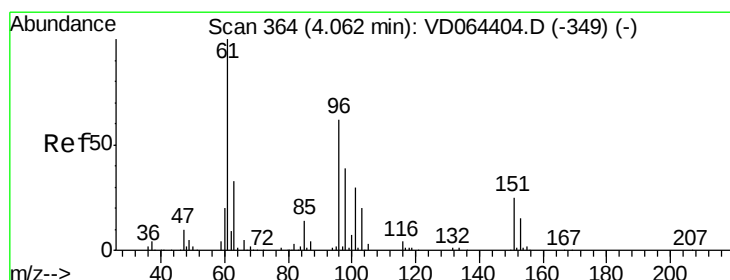
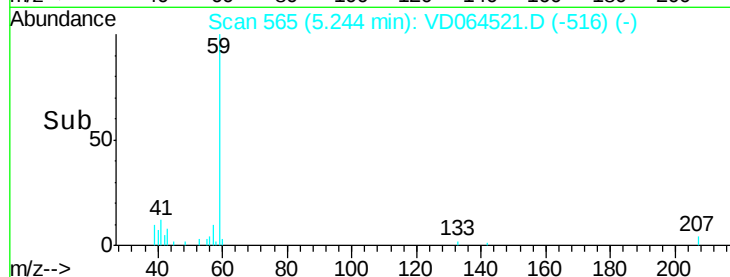
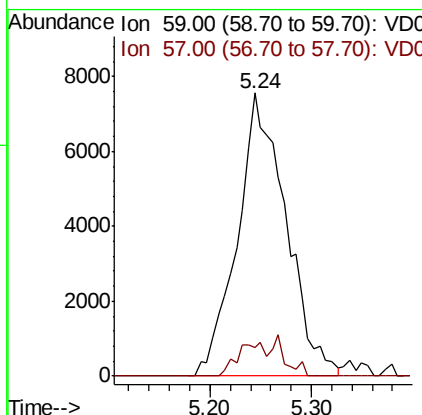
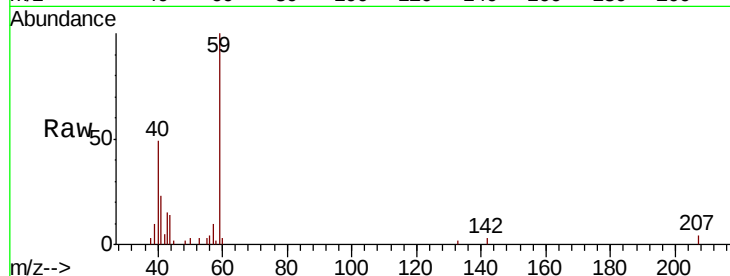


#11

Tert butyl alcohol
 Concen: 106.476 ug/l
 RT: 5.24 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01

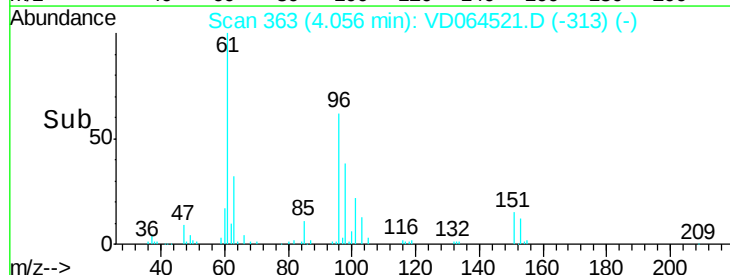
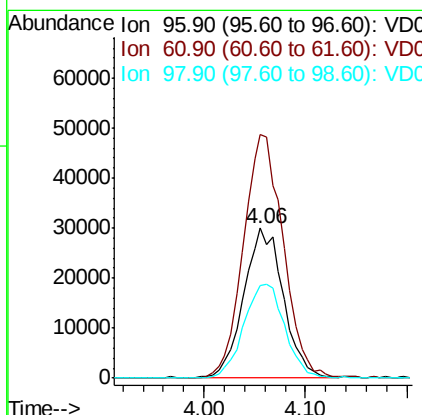
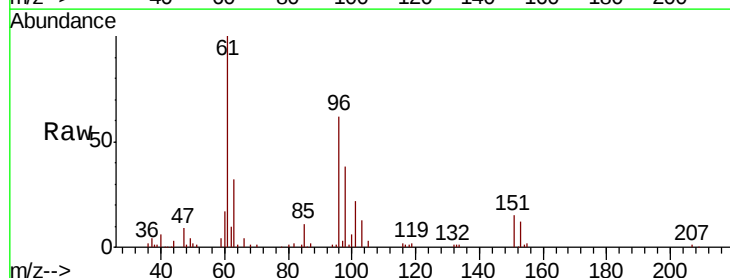
Tgt Ion: 59 Resp: 25151
 Ion Ratio Lower Upper
 59 100
 57 6.8 0.0 0.0#

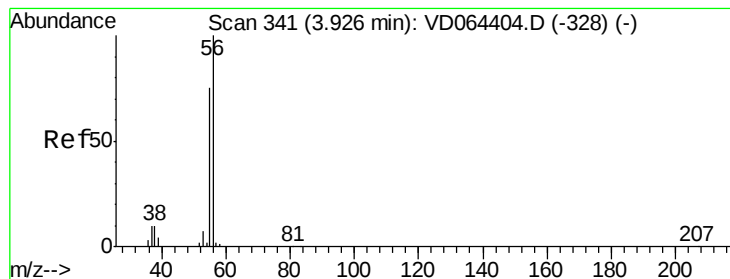


#12

1,1-Dichloroethene
 Concen: 22.169 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion: 96 Resp: 81920
 Ion Ratio Lower Upper
 96 100
 61 162.4 128.2 192.4
 98 61.7 50.4 75.6





#13

Acrolein

Concen: 83.534 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

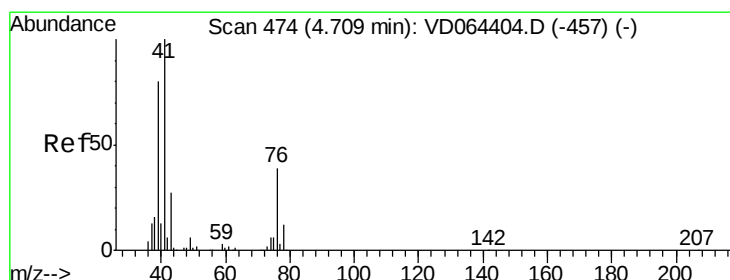
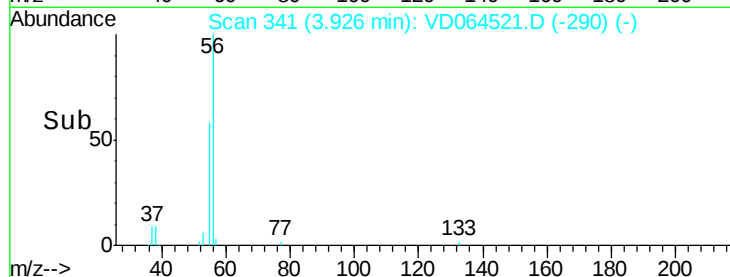
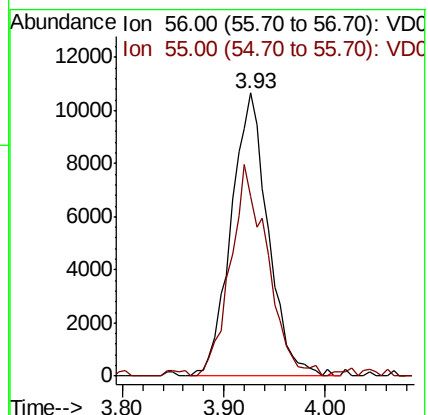
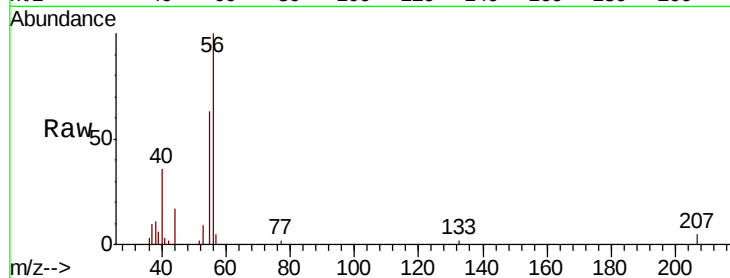
VD1216SBSD01

Tgt Ion: 56 Resp: 26914

Ion Ratio Lower Upper

56 100

55 74.7 56.9 85.3



#14

Allyl chloride

Concen: 22.717 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

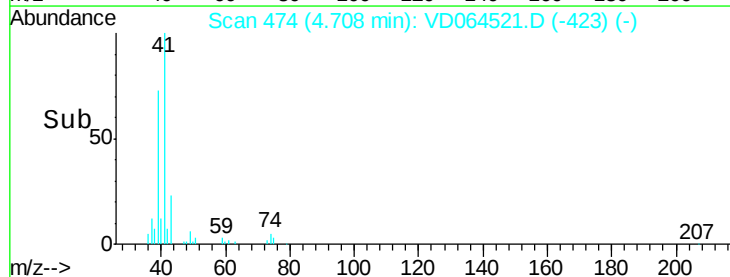
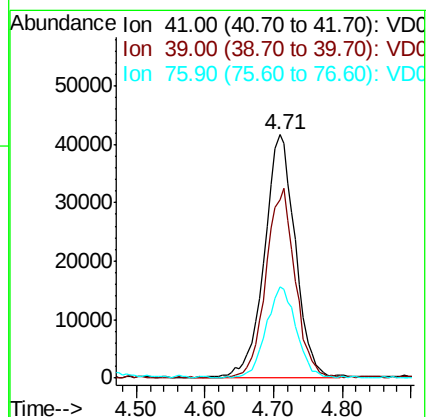
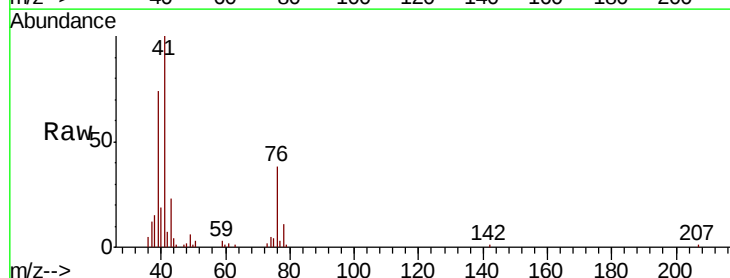
Tgt Ion: 41 Resp: 131009

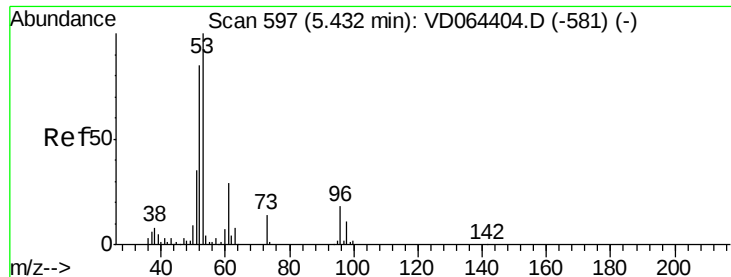
Ion Ratio Lower Upper

41 100

39 73.7 62.1 93.1

76 36.4 29.8 44.8





#15

Acrylonitrile

Concen: 108.077 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

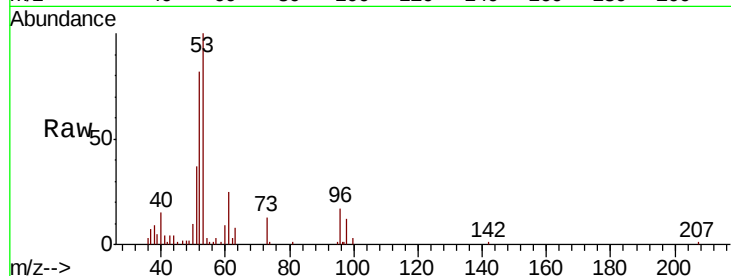
Tgt Ion: 53 Resp: 88321

Ion Ratio Lower Upper

53 100

52 84.3 67.9 101.9

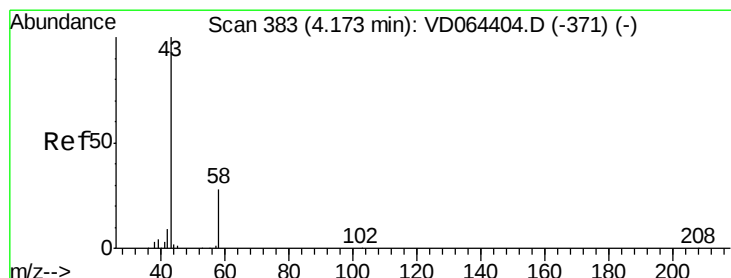
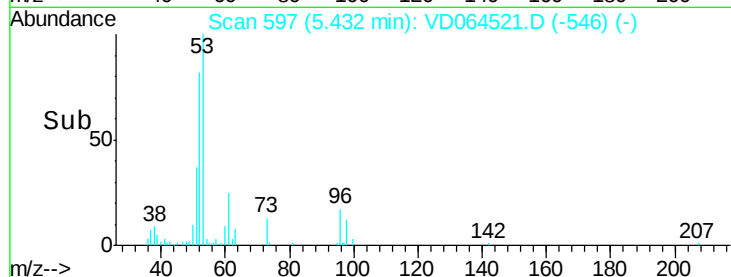
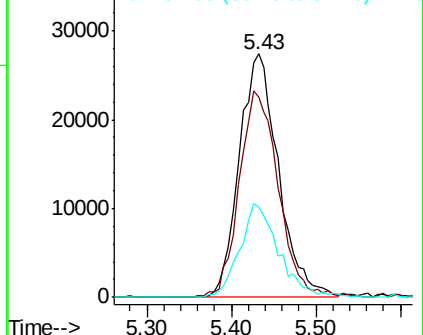
51 38.3 30.6 45.8



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 112.979 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064521.D

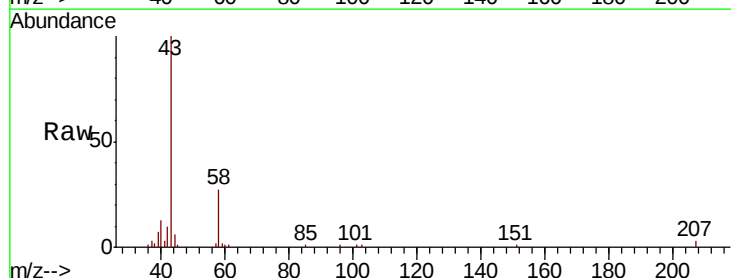
Acq: 16 Dec 2019 13:11

Tgt Ion: 43 Resp: 84721

Ion Ratio Lower Upper

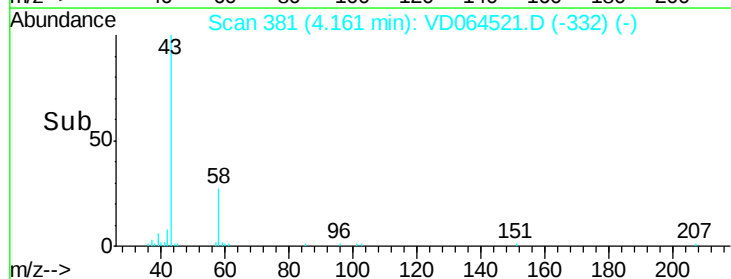
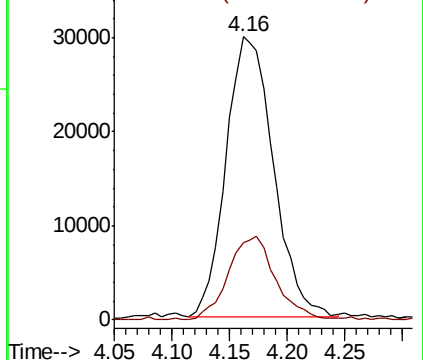
43 100

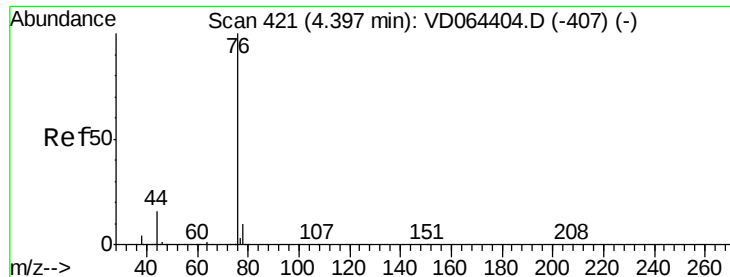
58 27.5 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

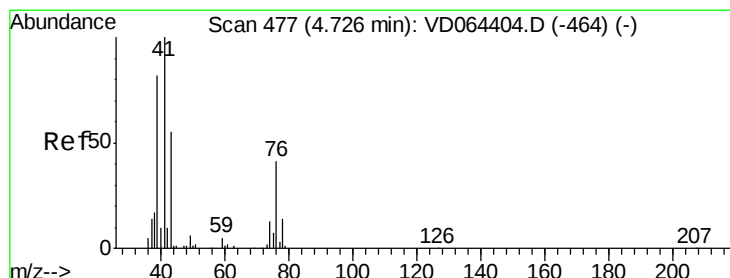
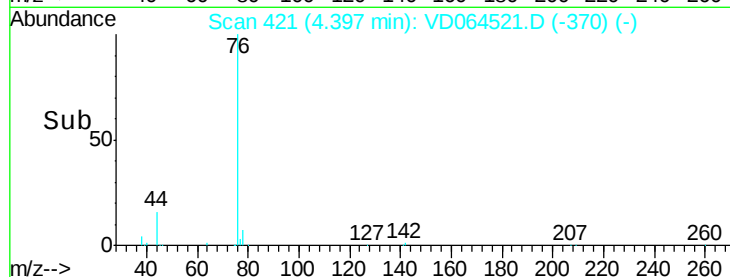
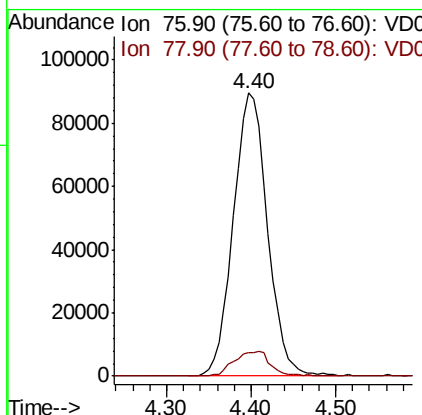
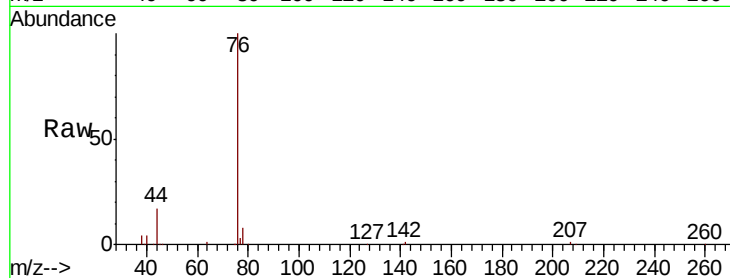




#17
Carbon Disulfide
Concen: 21.366 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

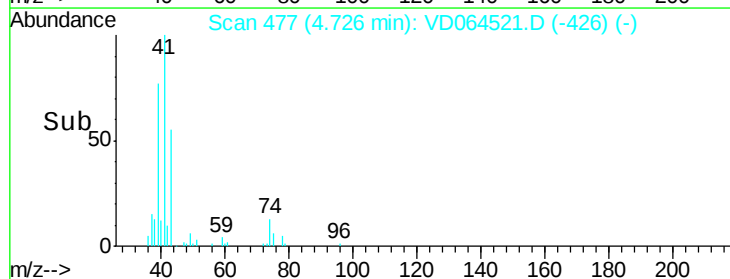
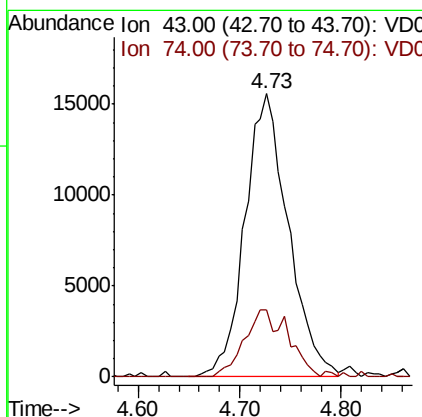
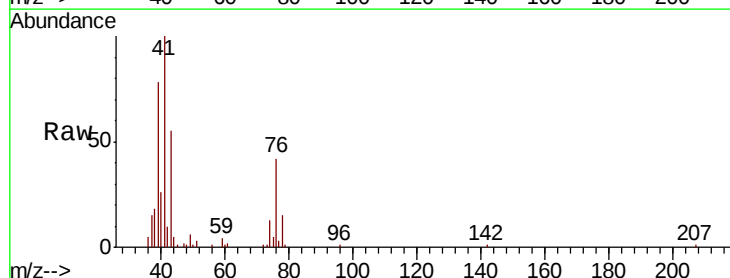
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01

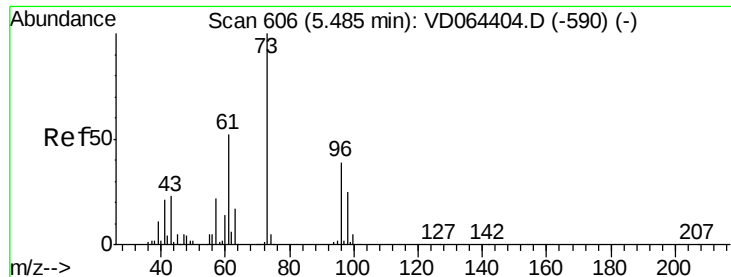
Tgt Ion: 76 Resp: 250058
Ion Ratio Lower Upper
76 100
78 8.1 7.8 11.8



#18
Methyl Acetate
Concen: 21.108 ug/l
RT: 4.73 min Scan# 477
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

Tgt Ion: 43 Resp: 46170
Ion Ratio Lower Upper
43 100
74 23.9 19.7 29.5



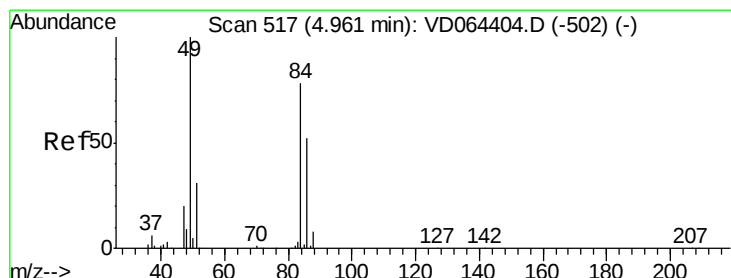
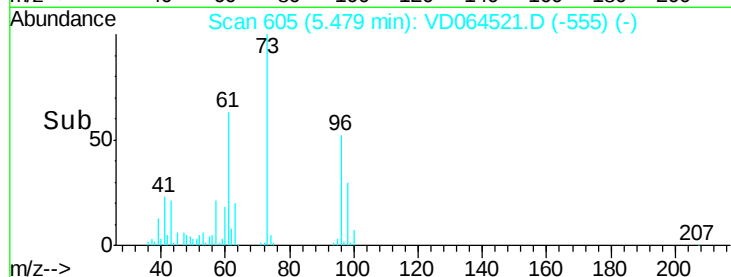
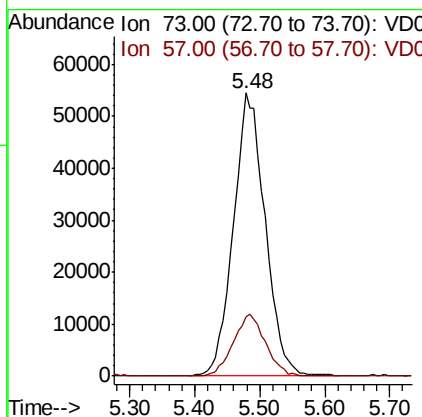
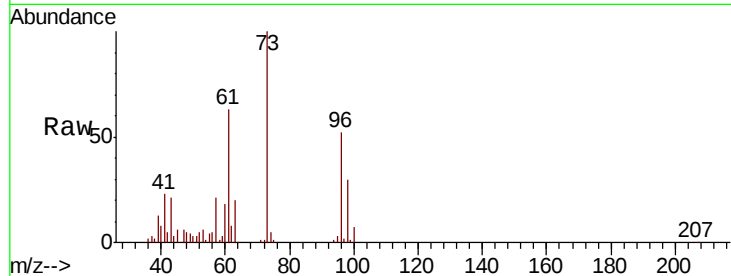


#19

Methyl tert-butyl Ether
 Concen: 21.690 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01

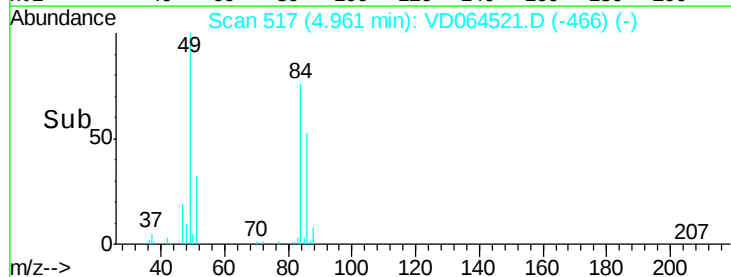
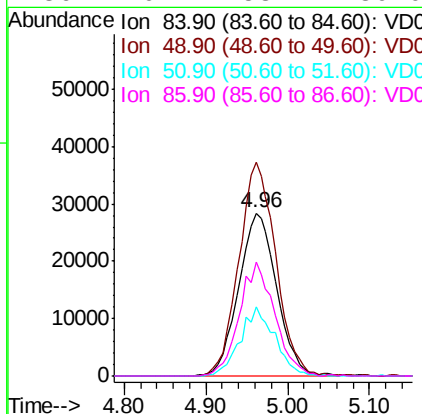
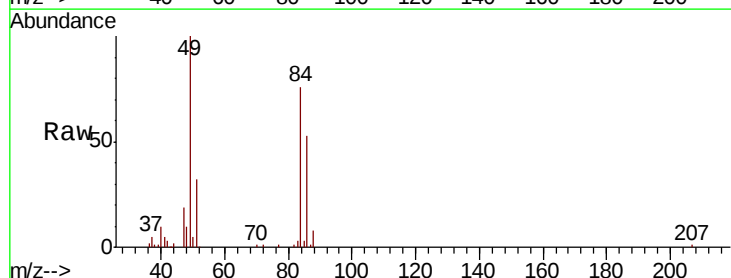
Tgt Ion: 73 Resp: 183854
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.6 26.4

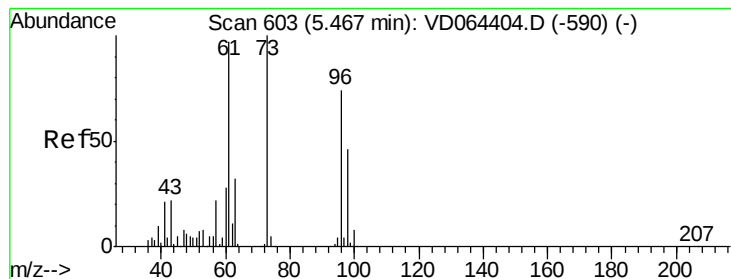


#20

Methylene Chloride
 Concen: 21.527 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion: 84 Resp: 91670
 Ion Ratio Lower Upper
 84 100
 49 131.1 102.6 153.8
 51 42.3 32.0 48.0
 86 70.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 22.427 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBSD01

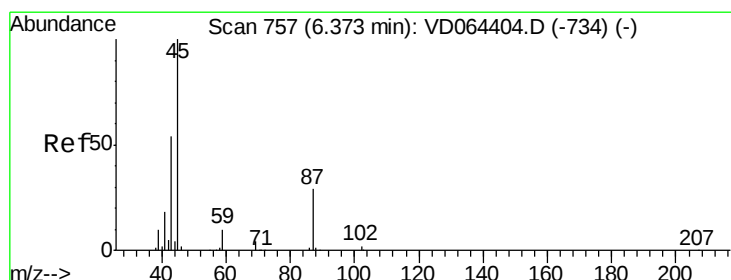
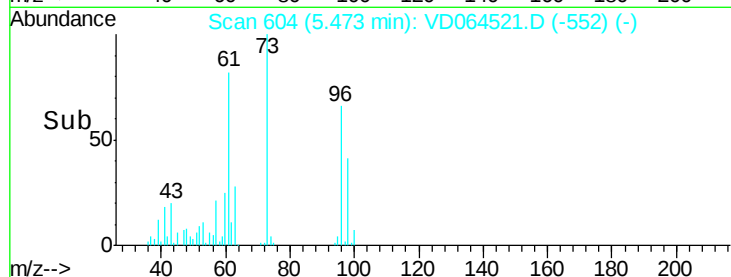
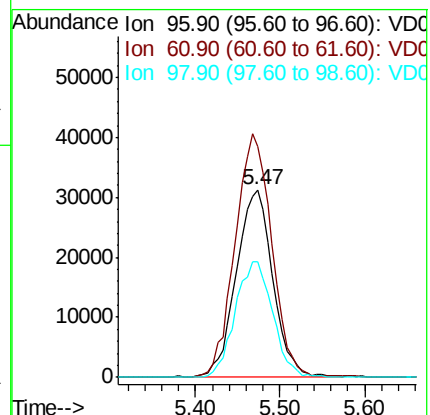
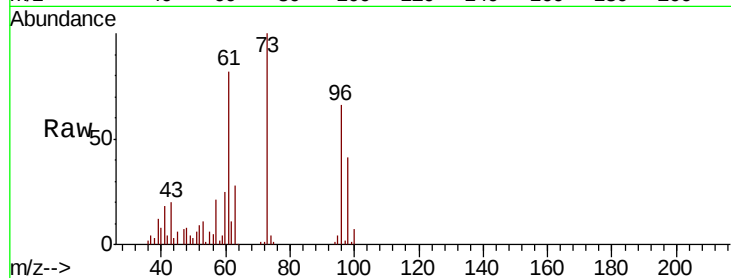
Tgt Ion: 96 Resp: 93741

Ion Ratio Lower Upper

96 100

61 123.3 105.8 158.6

98 61.9 50.1 75.1



#22

Diisopropyl ether

Concen: 21.834 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Tgt Ion: 45 Resp: 248567

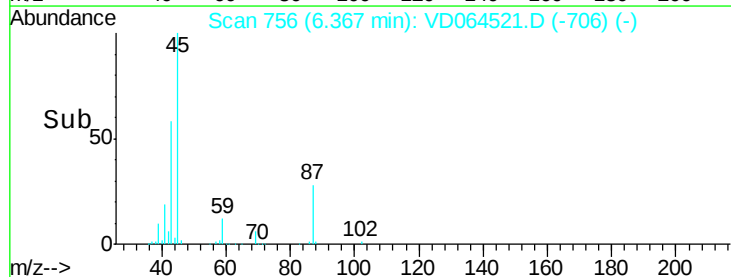
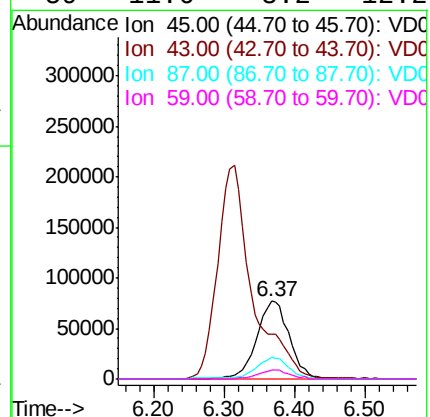
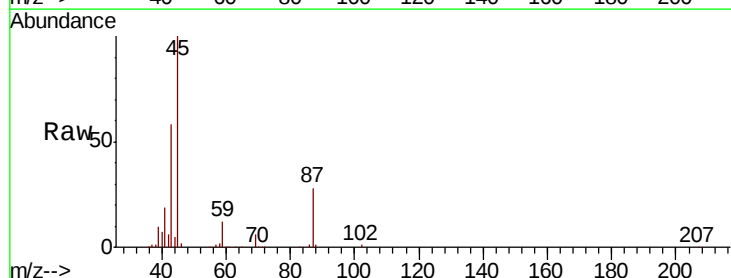
Ion Ratio Lower Upper

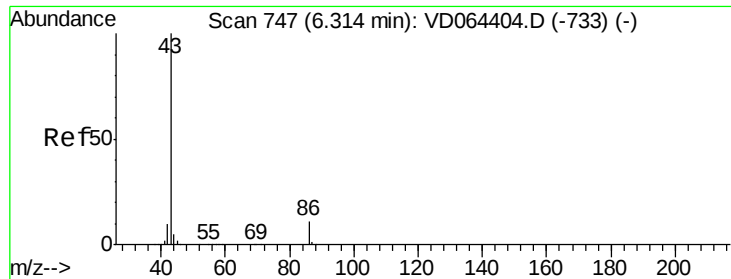
45 100

43 57.3 43.1 64.7

87 27.9 23.5 35.3

59 11.6 8.2 12.2





#23

Vinyl Acetate

Concen: 107.726 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

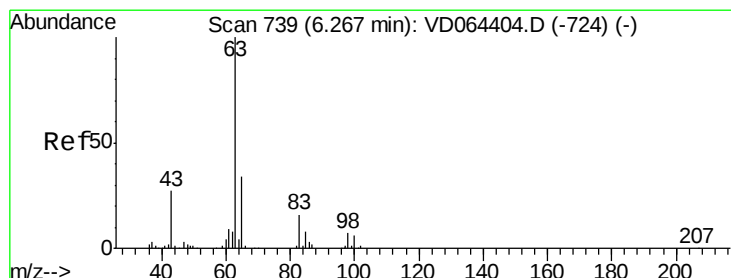
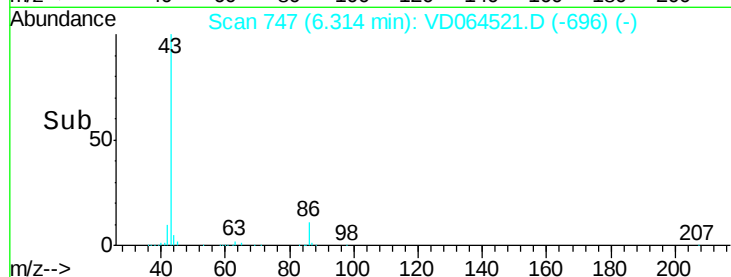
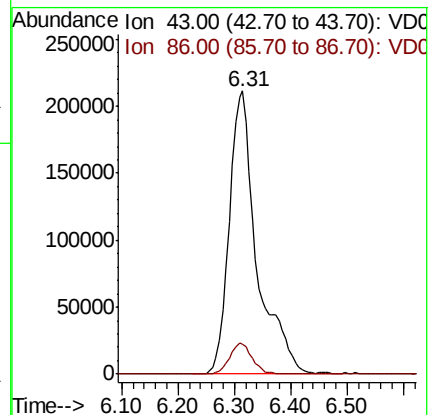
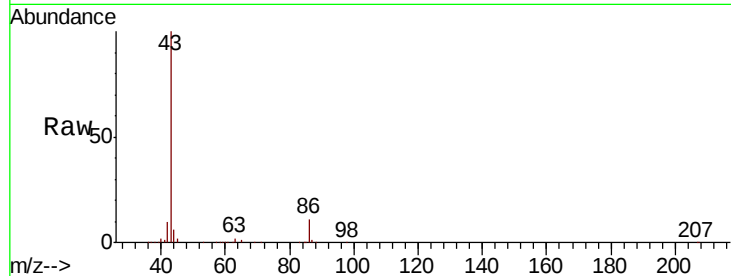
VD1216SBS01

Tgt Ion: 43 Resp: 723016

Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 22.179 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

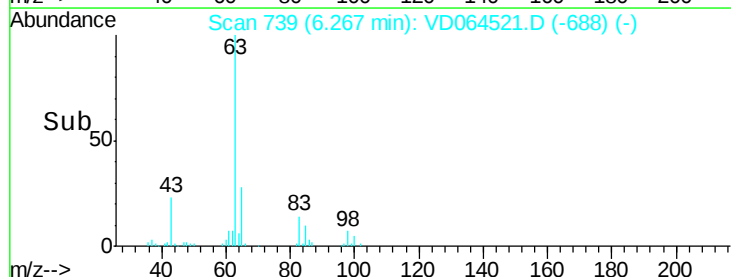
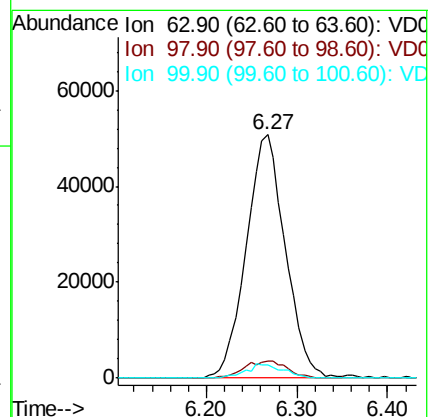
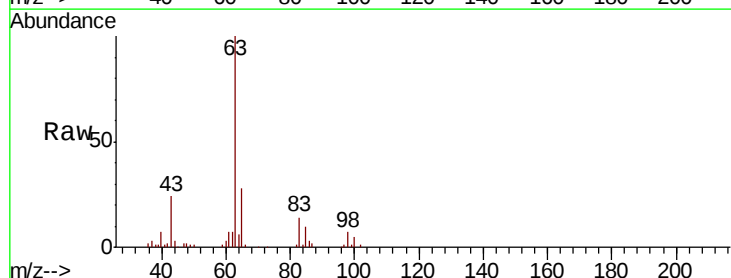
Tgt Ion: 63 Resp: 151849

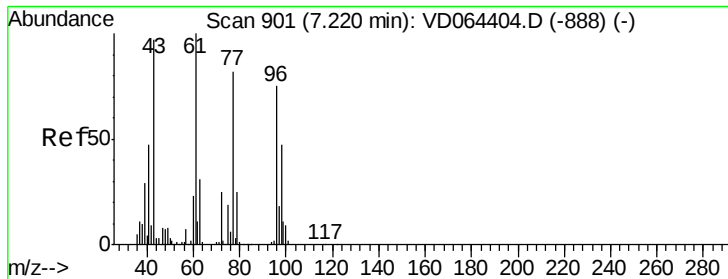
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

100 5.2 2.9 8.6





#25

2-Butanone

Concen: 108.772 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

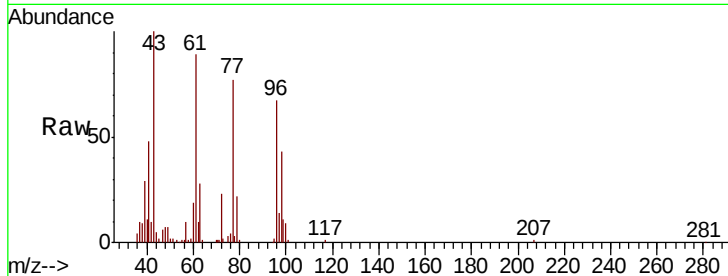
VD1216SBS01

Tgt Ion: 43 Resp: 115352

Ion Ratio Lower Upper

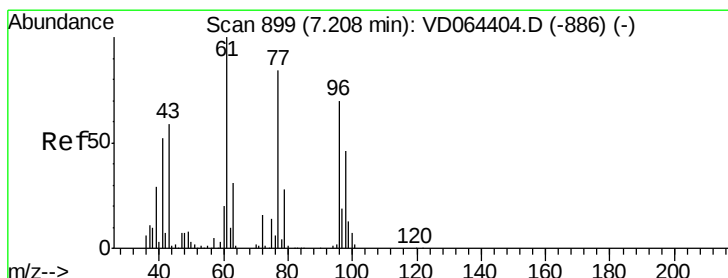
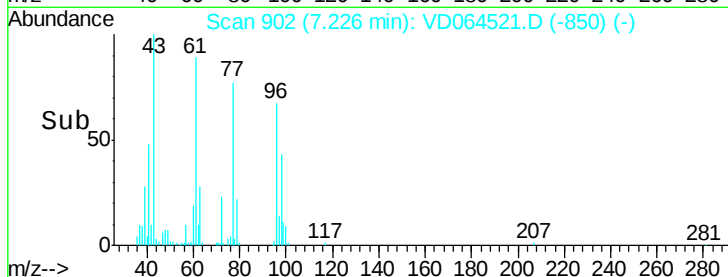
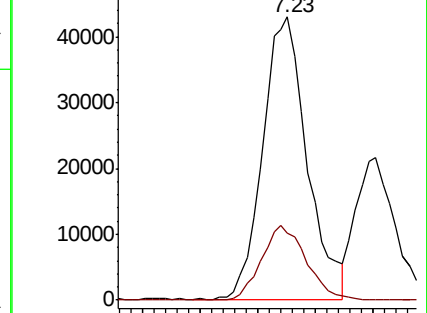
43 100

72 23.5 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 22.957 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD064521.D

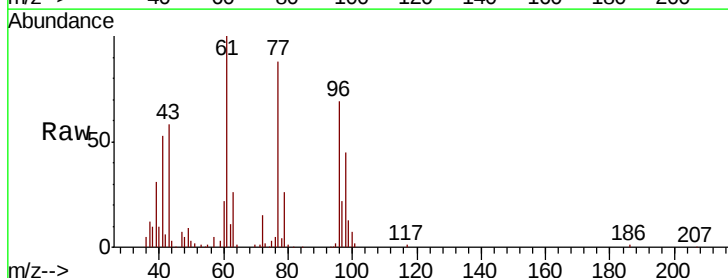
Acq: 16 Dec 2019 13:11

Tgt Ion: 77 Resp: 136689

Ion Ratio Lower Upper

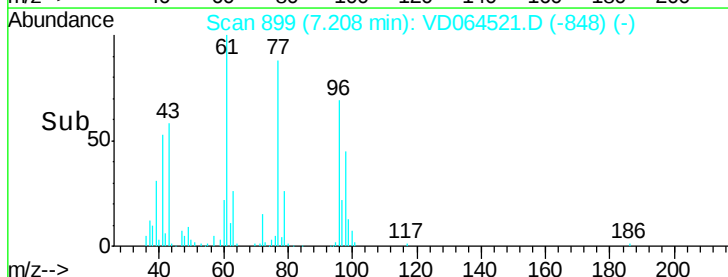
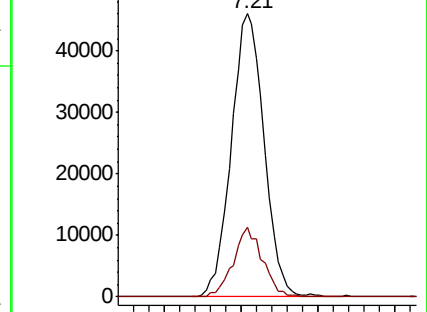
77 100

97 21.8 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

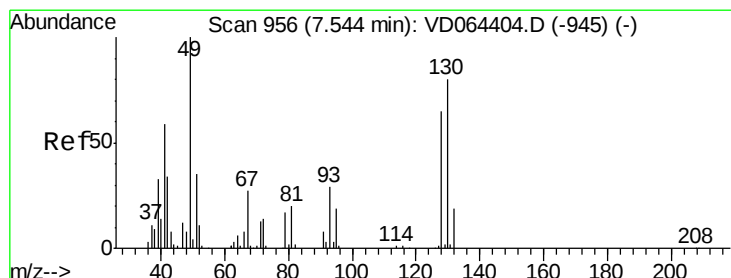
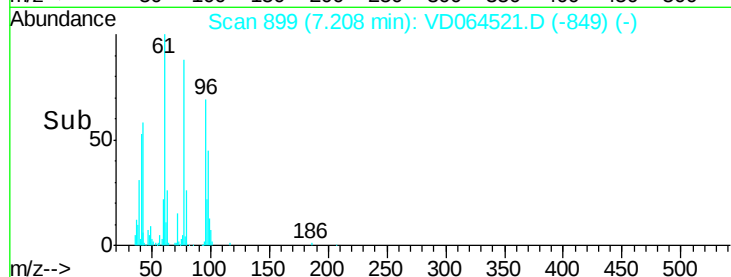
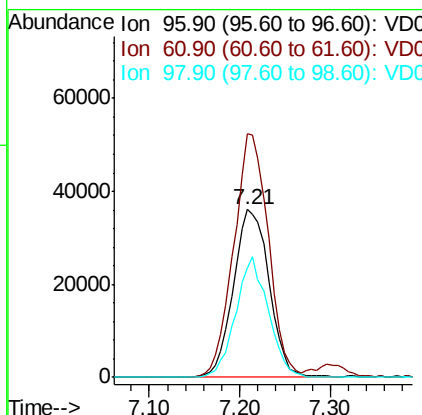
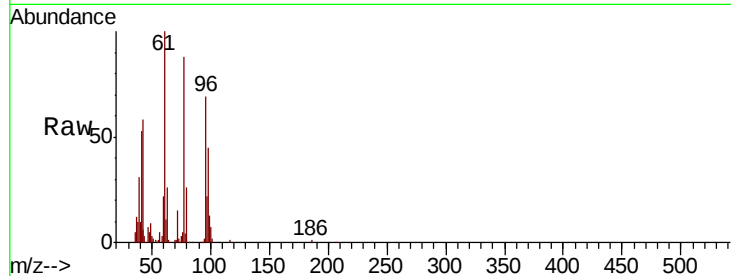




#27
 cis-1,2-Dichloroethene
 Concen: 21.700 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

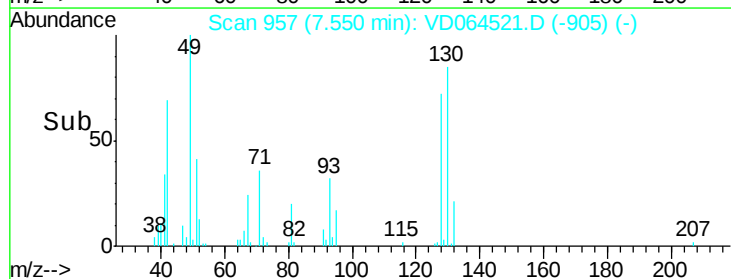
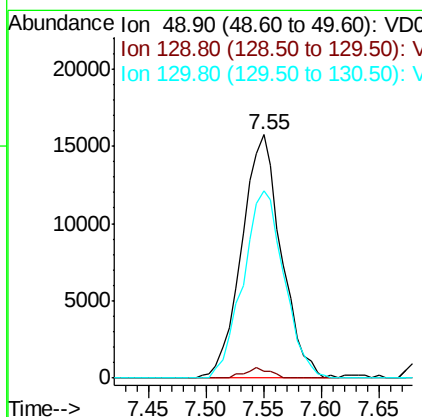
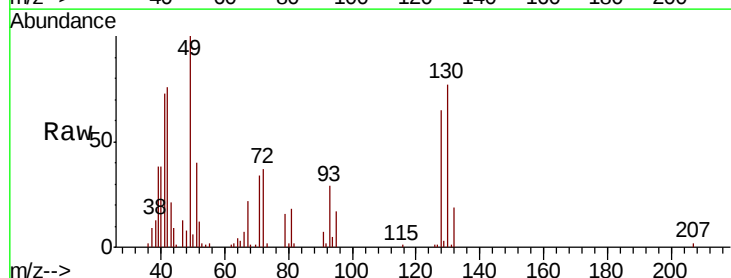
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBSD01

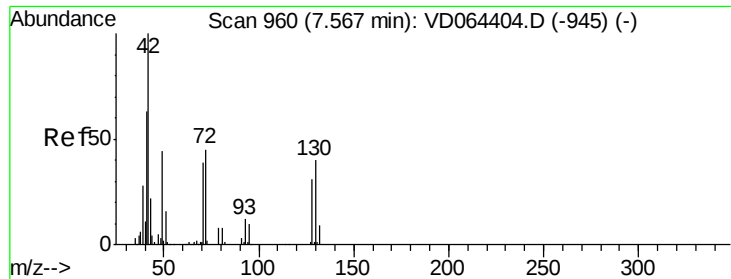
Tgt Ion: 96 Resp: 98888
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 279.6
 98 65.8 0.0 129.2



#28
 Bromochloromethane
 Concen: 16.039 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion: 49 Resp: 37529
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.4
 130 79.8 67.4 101.0

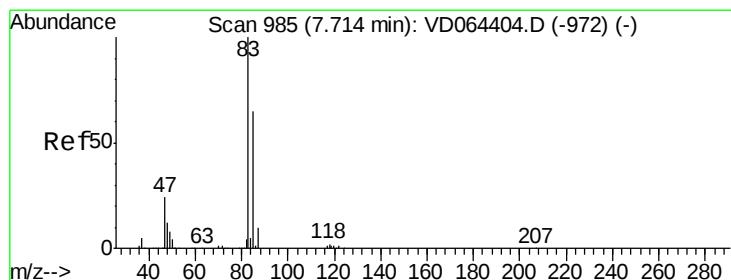
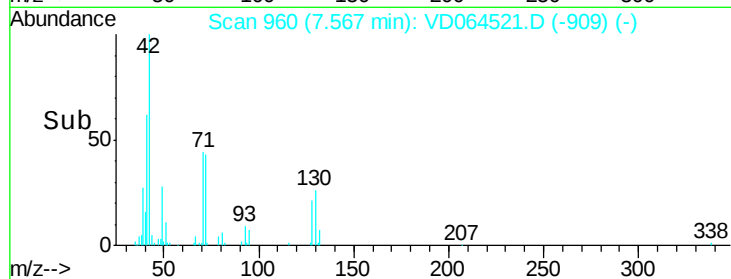
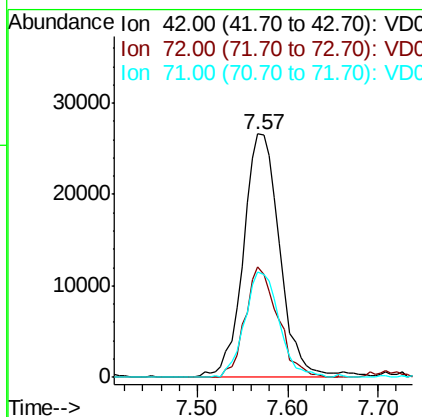
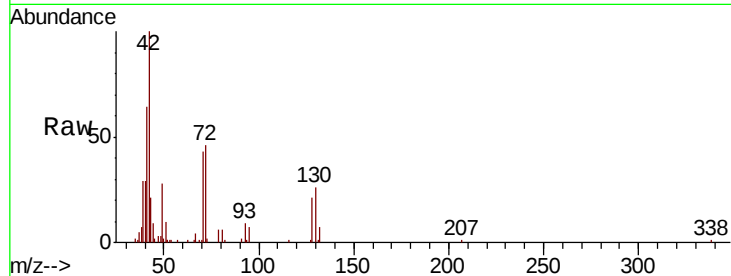




#29
Tetrahydrofuran
Concen: 109.515 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

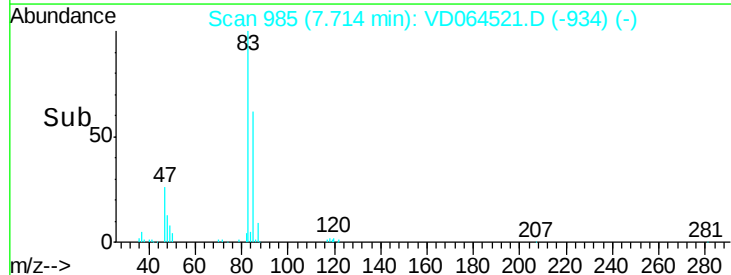
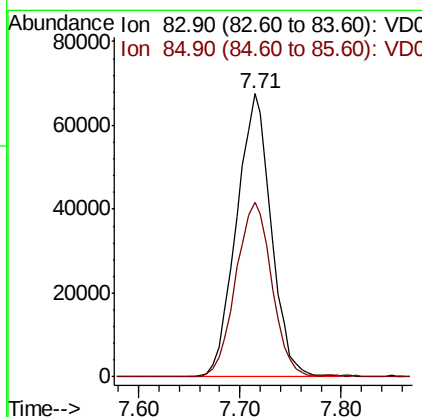
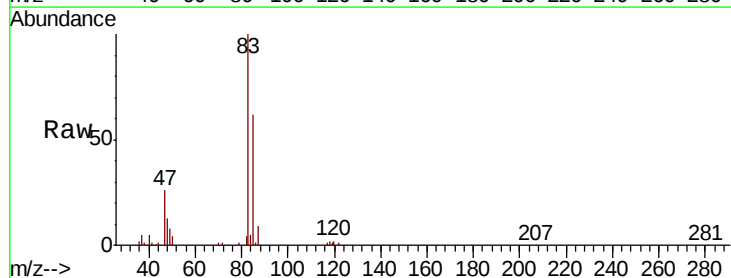
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01

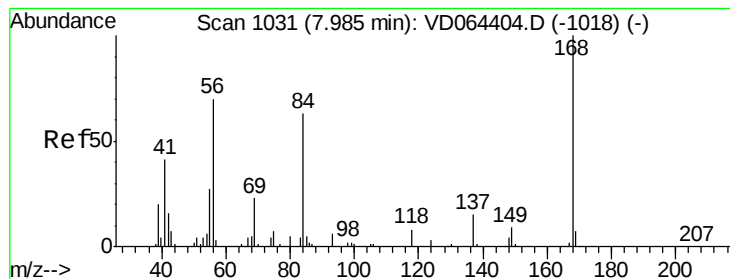
Tgt Ion: 42 Resp: 73891
Ion Ratio Lower Upper
42 100
72 41.1 35.8 53.8
71 41.2 32.7 49.1



#30
Chloroform
Concen: 22.647 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

Tgt Ion: 83 Resp: 160580
Ion Ratio Lower Upper
83 100
85 61.6 51.8 77.6





#31

Cyclohexane

Concen: 21.477 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

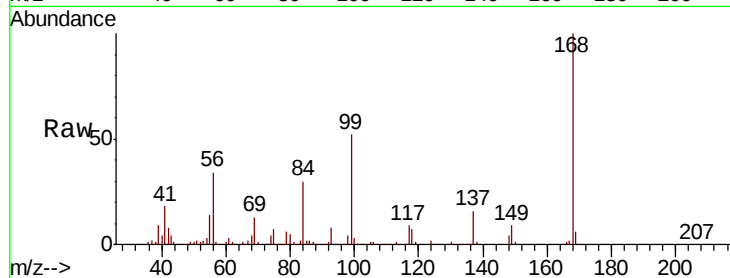
Tgt Ion: 56 Resp: 144024

Ion Ratio Lower Upper

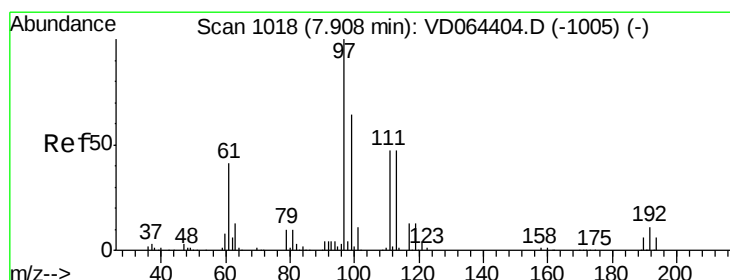
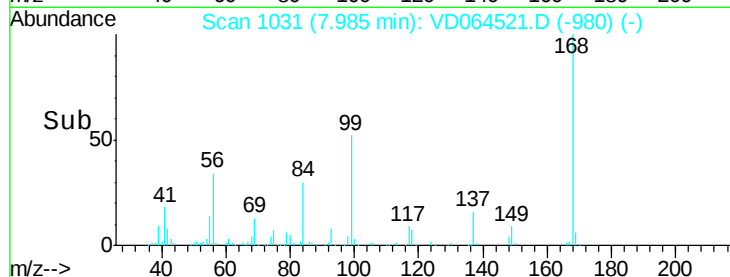
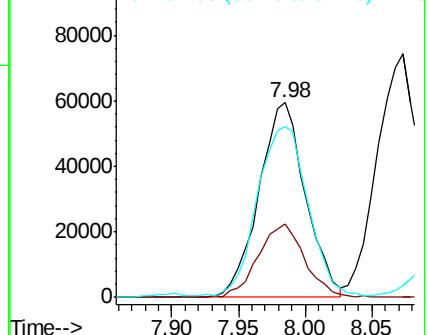
56 100

69 37.7 26.2 39.4

84 86.3 70.3 105.5



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



#32

1,1,1-Trichloroethane

Concen: 22.405 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

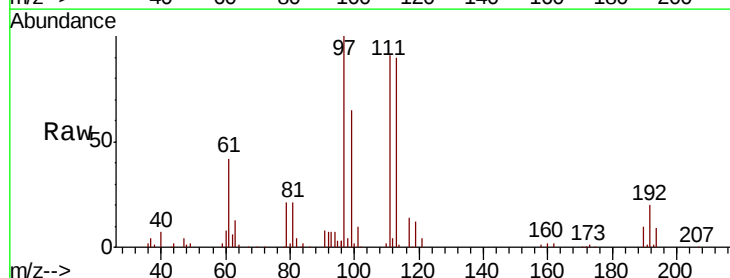
Tgt Ion: 97 Resp: 147290

Ion Ratio Lower Upper

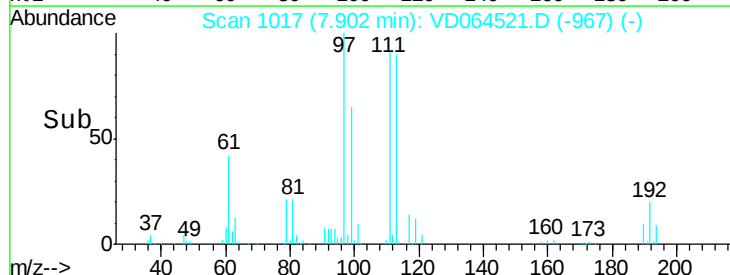
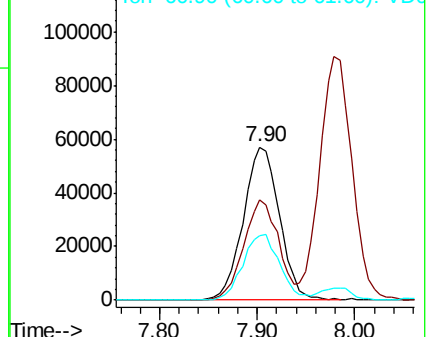
97 100

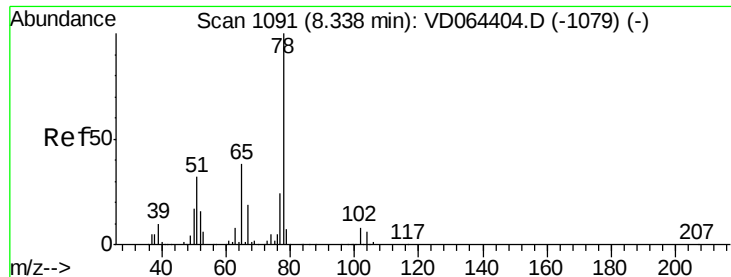
99 62.6 51.4 77.2

61 44.0 35.0 52.4



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

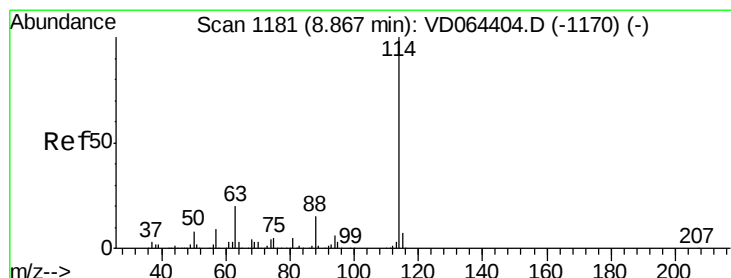
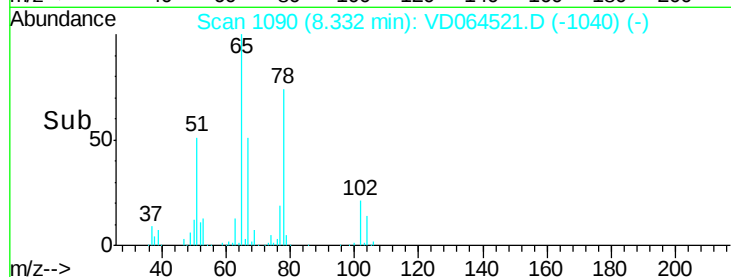
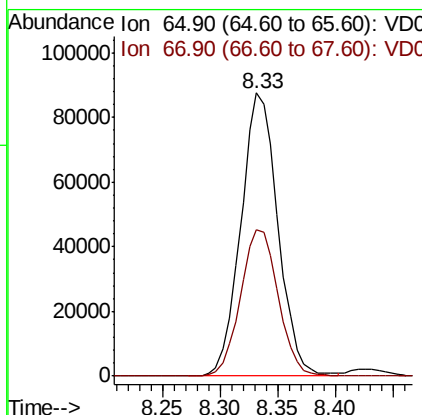
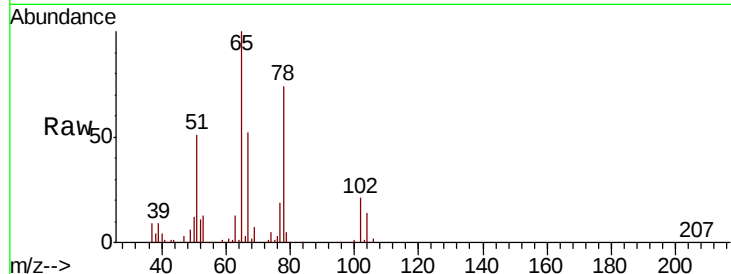




#33
 1,2-Dichloroethane-d4
 Concen: 52.670 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

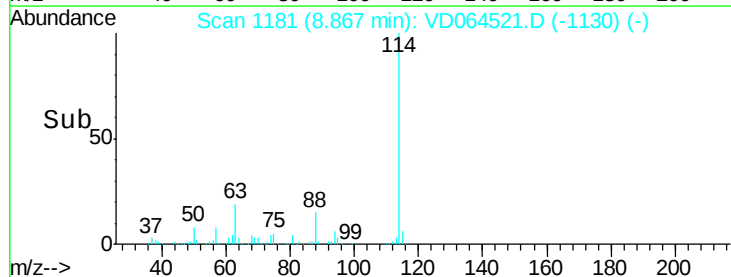
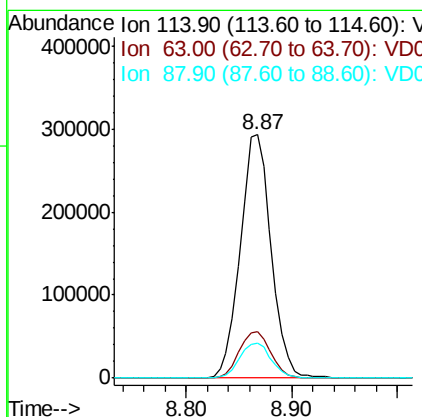
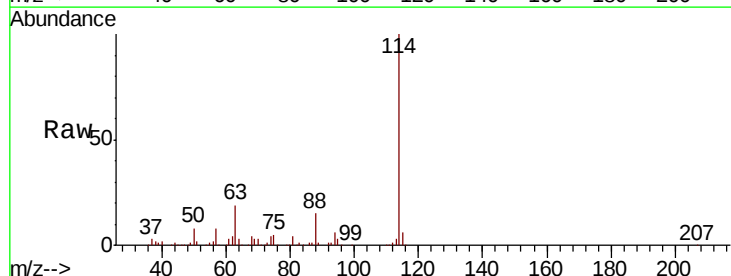
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01

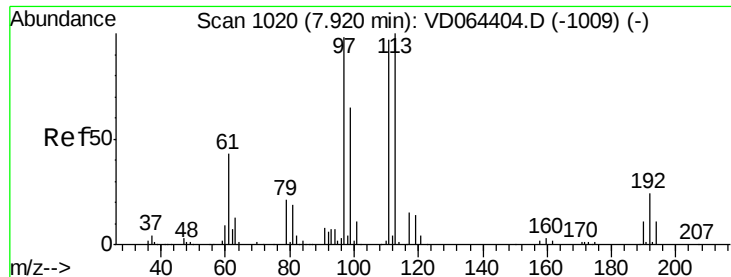
Tgt Ion: 65 Resp: 195449
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion: 114 Resp: 593956
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 14.6 0.0 29.2



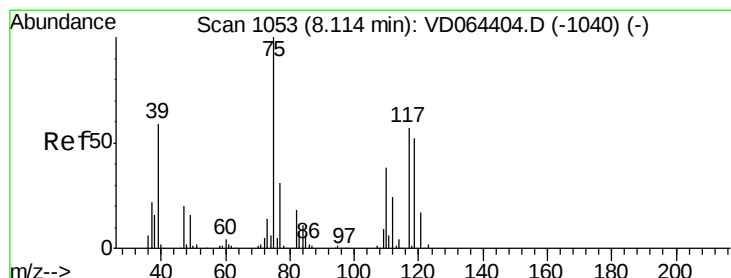
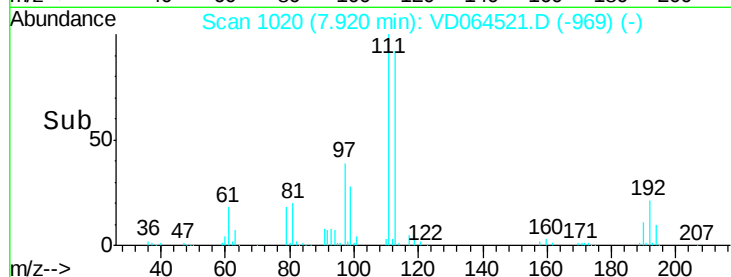
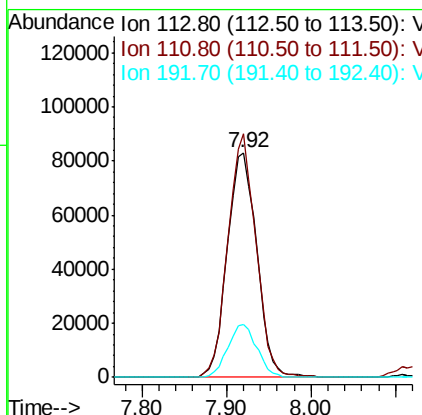
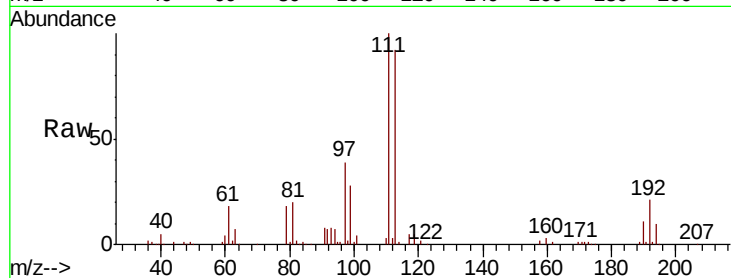


#35
Dibromofluoromethane
Concen: 53.569 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01

Tgt Ion: 113 Resp: 200468

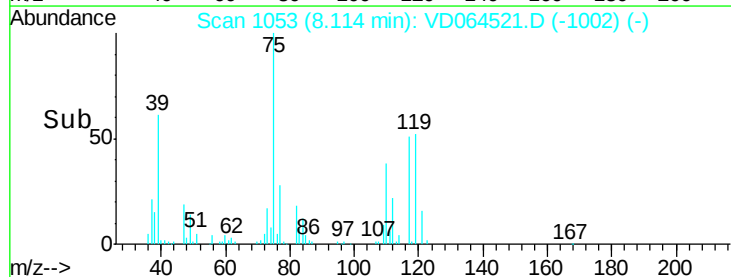
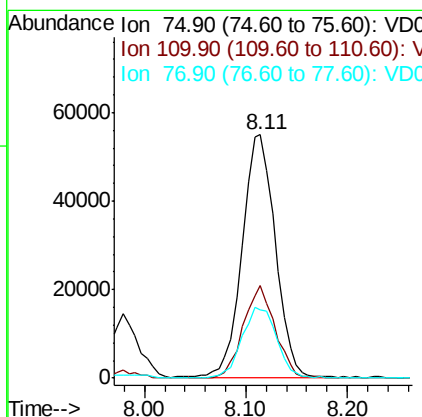
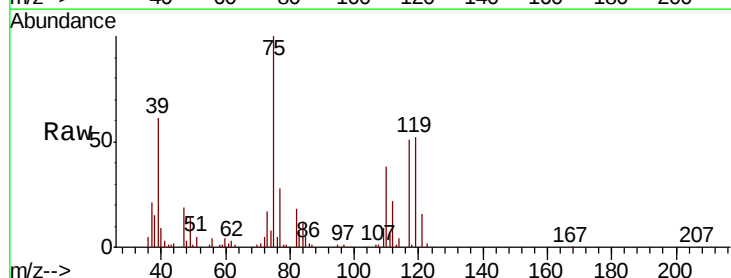
Ion	Ratio	Lower	Upper
113	100		
111	102.6	79.4	119.2
192	23.2	18.6	28.0

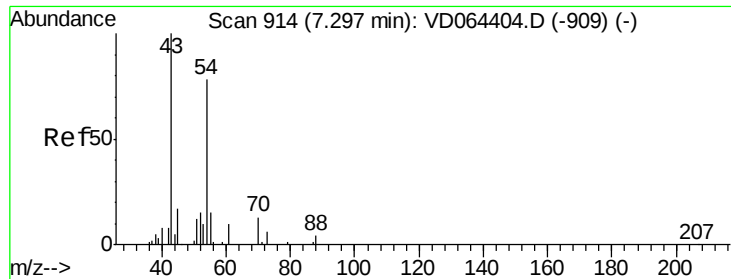


#36
1,1-Dichloropropene
Concen: 22.372 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

Tgt Ion: 75 Resp: 125684

Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.6	55.8
77	30.4	25.0	37.4

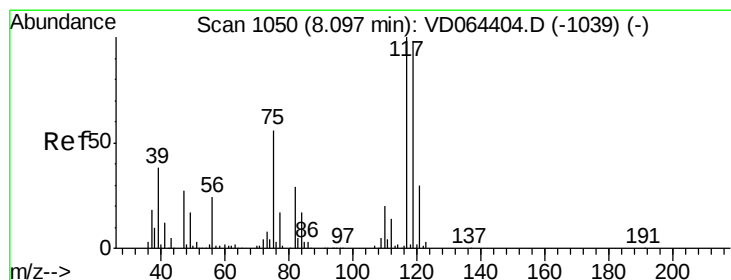
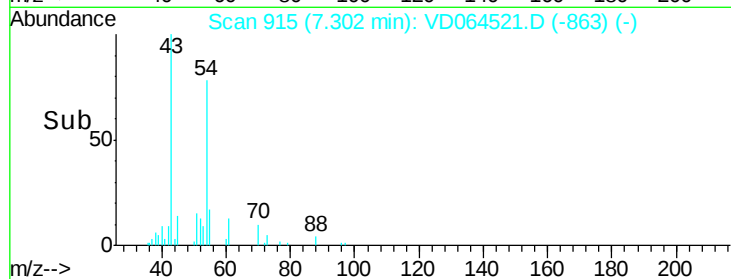
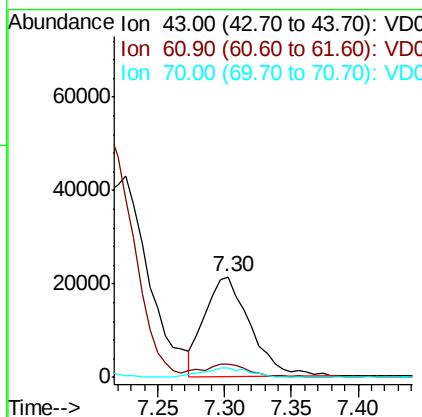
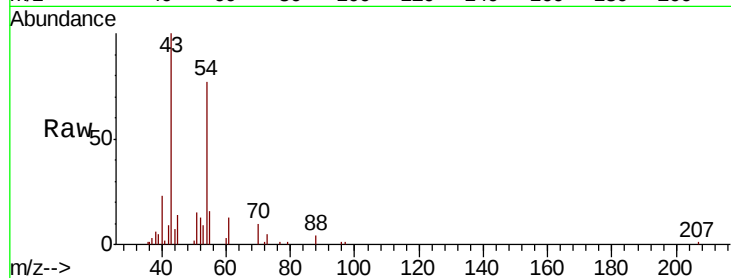




#37
Ethyl Acetate
Concen: 21.443 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

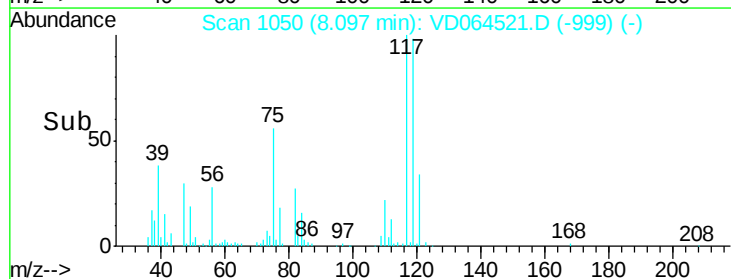
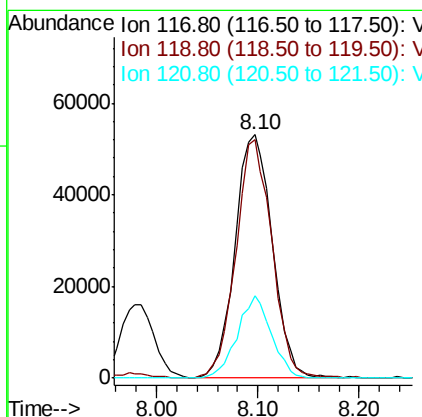
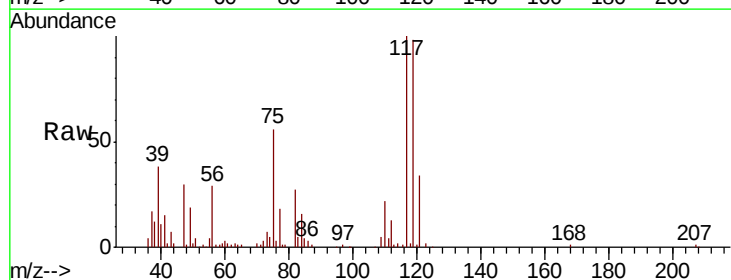
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

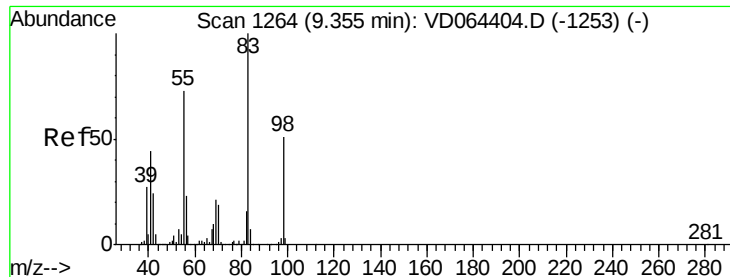
Tgt Ion: 43 Resp: 51117
Ion Ratio Lower Upper
43 100
61 14.7 10.9 16.3
70 9.9 8.3 12.5



#38
Carbon Tetrachloride
Concen: 22.887 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

Tgt Ion: 117 Resp: 135705
Ion Ratio Lower Upper
117 100
119 97.7 78.8 118.2
121 33.6 24.2 36.2

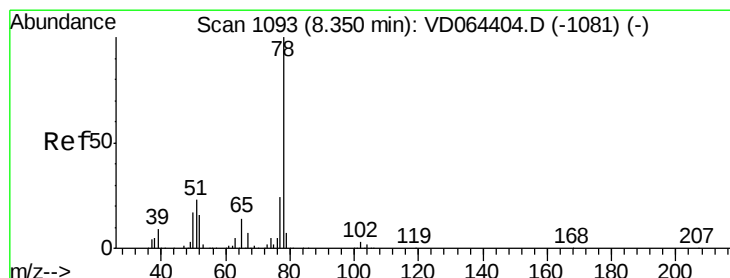
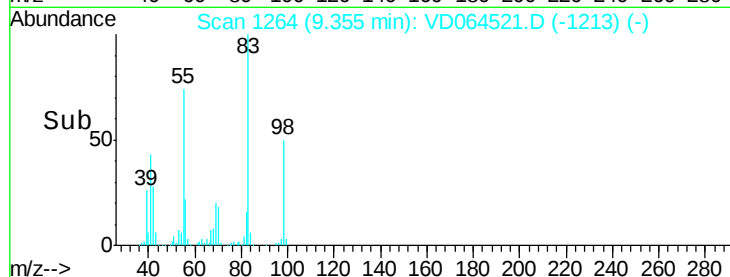
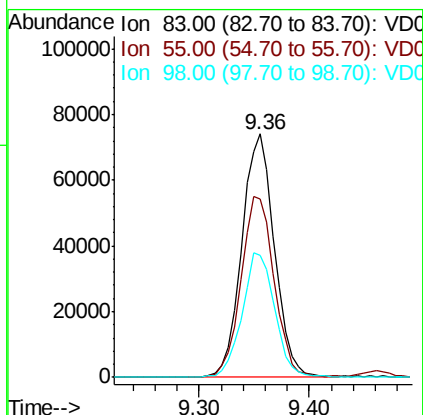
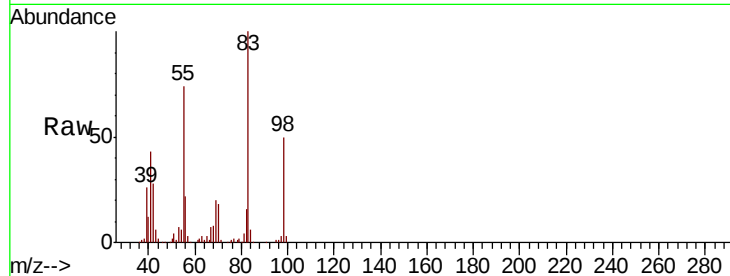




#39
Methylcyclohexane
Concen: 22.047 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

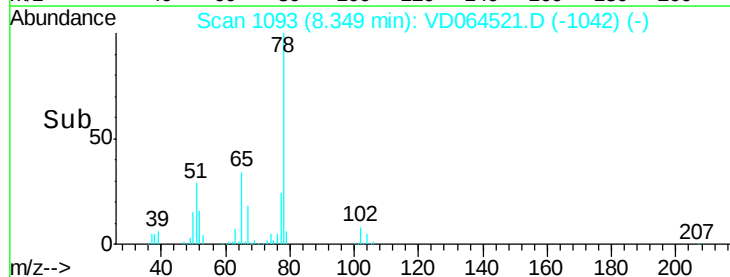
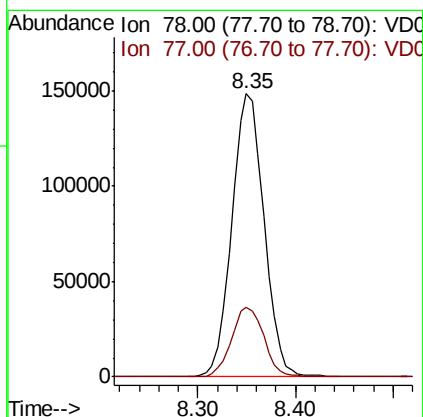
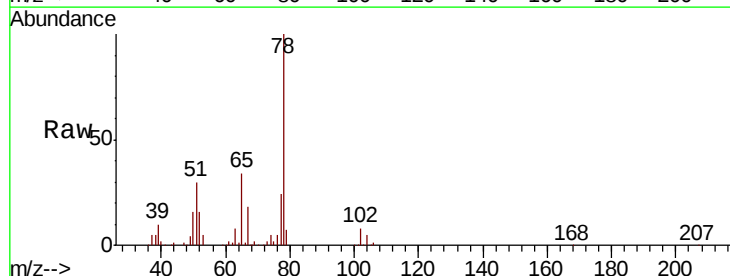
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01

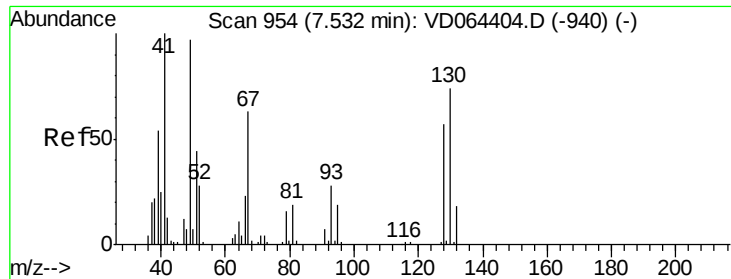
Tgt Ion: 83 Resp: 153646
Ion Ratio Lower Upper
83 100
55 73.5 58.6 87.8
98 50.0 40.9 61.3



#40
Benzene
Concen: 21.843 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

Tgt Ion: 78 Resp: 340833
Ion Ratio Lower Upper
78 100
77 24.5 19.6 29.4





#41

Methacrylonitrile

Concen: 18.716 ug/l

RT: 7.53 min Scan# 954

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

Tgt Ion: 41 Resp: 25587

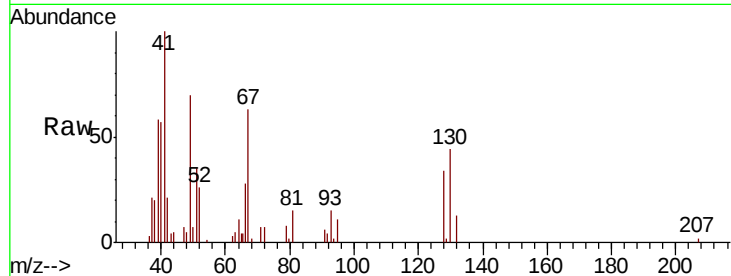
Ion Ratio Lower Upper

41 100

39 73.6 44.6 67.0#

67 81.8 50.9 76.3#

52 38.1 22.5 33.7#

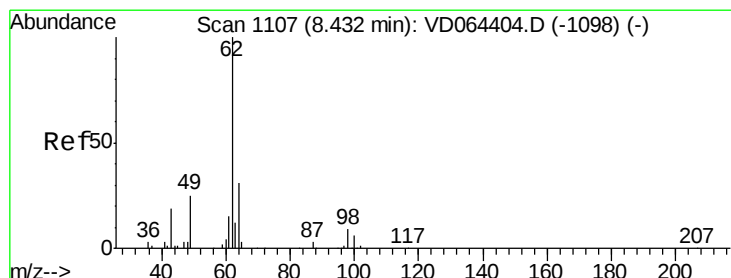
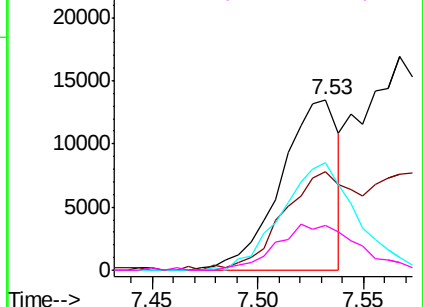
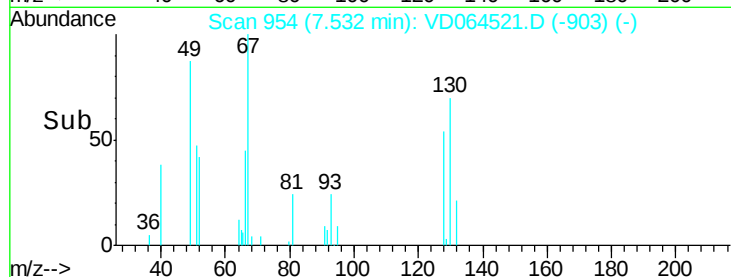


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 22.190 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD064521.D

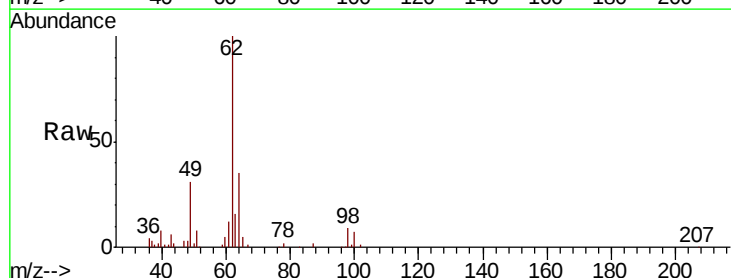
Acq: 16 Dec 2019 13:11

Tgt Ion: 62 Resp: 100973

Ion Ratio Lower Upper

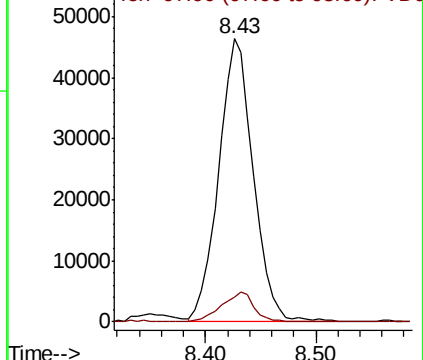
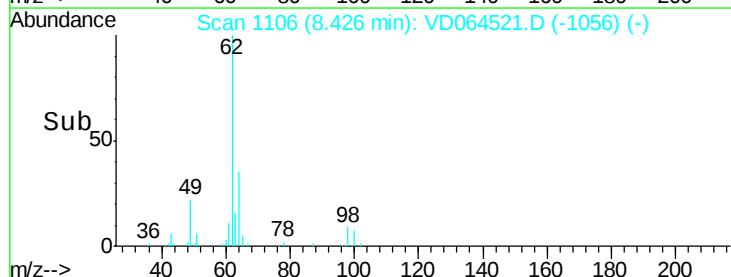
62 100

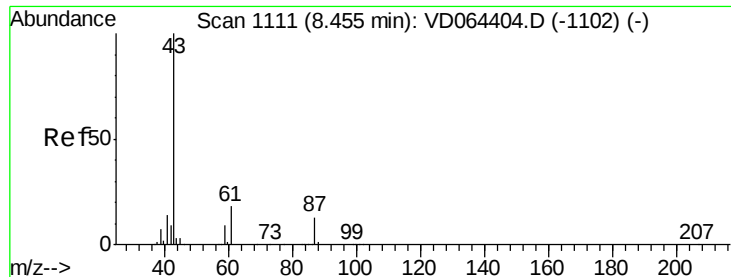
98 9.7 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 21.762 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBSD01

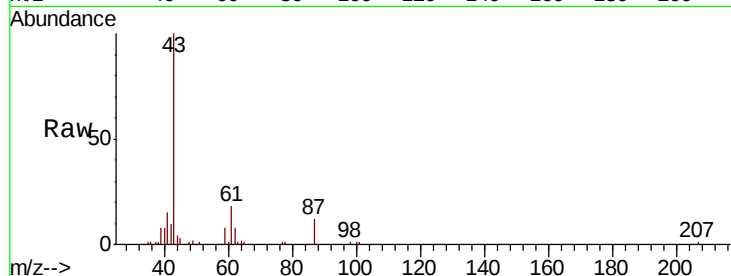
Tgt Ion: 43 Resp: 102002

Ion Ratio Lower Upper

43 100

61 30.5 24.0 36.0

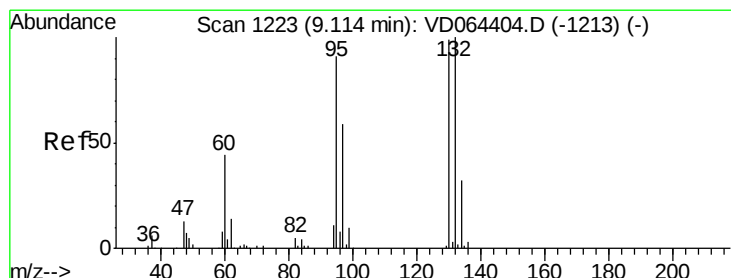
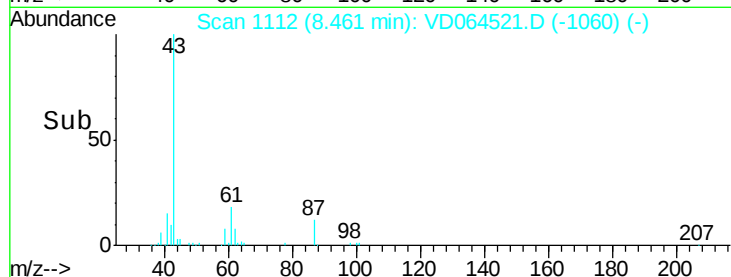
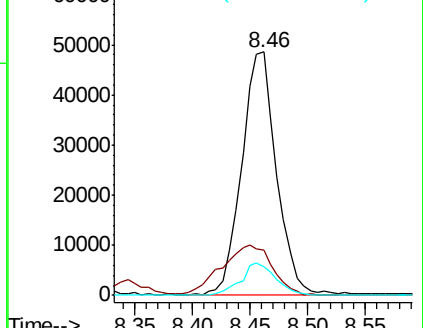
87 13.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 22.490 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD064521.D

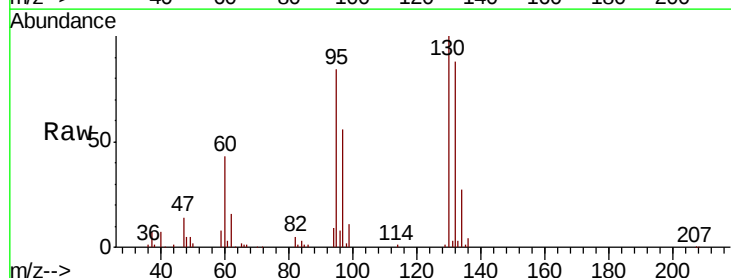
Acq: 16 Dec 2019 13:11

Tgt Ion: 130 Resp: 105709

Ion Ratio Lower Upper

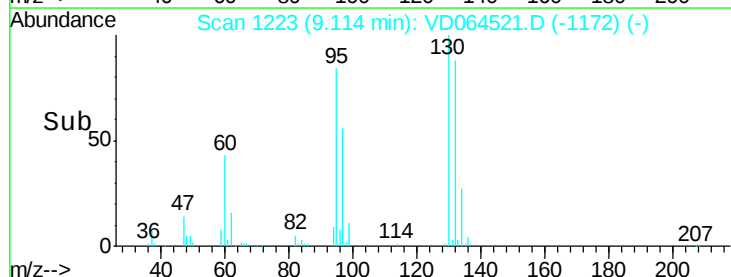
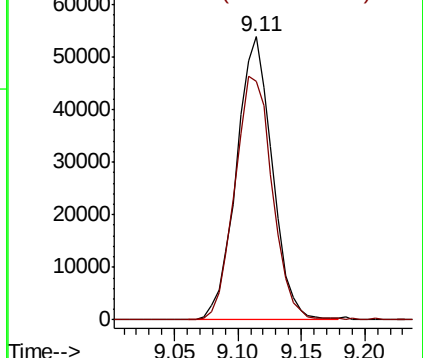
130 100

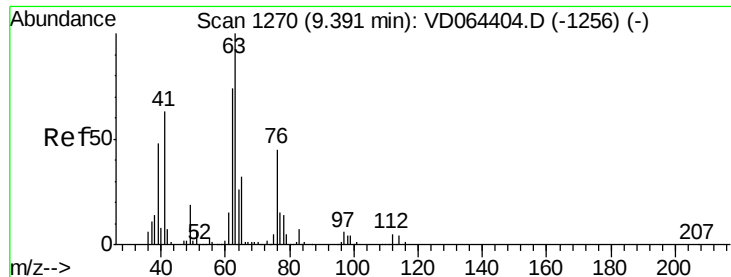
95 84.3 0.0 184.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 22.898 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

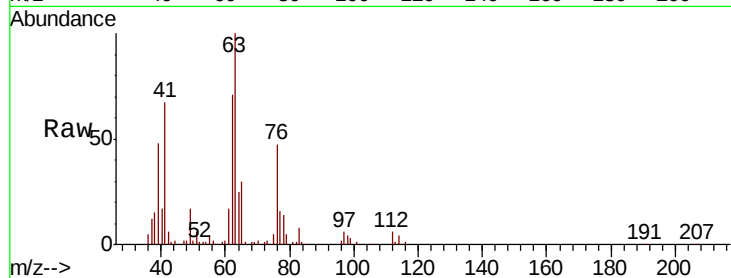
VD1216SBSD01

Tgt Ion: 63 Resp: 85448

Ion Ratio Lower Upper

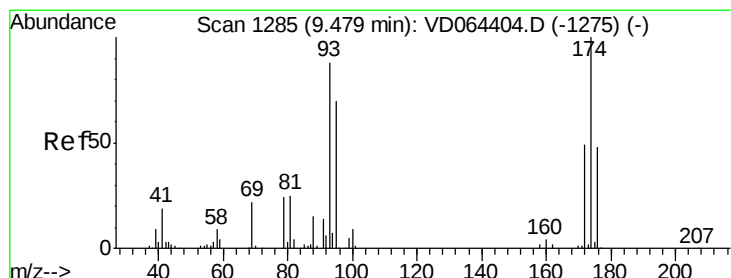
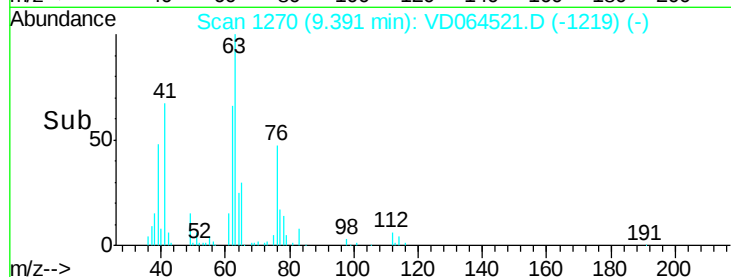
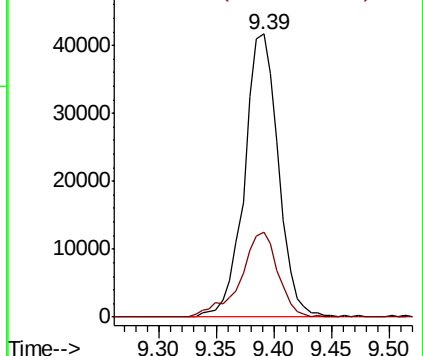
63 100

65 30.2 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 21.245 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

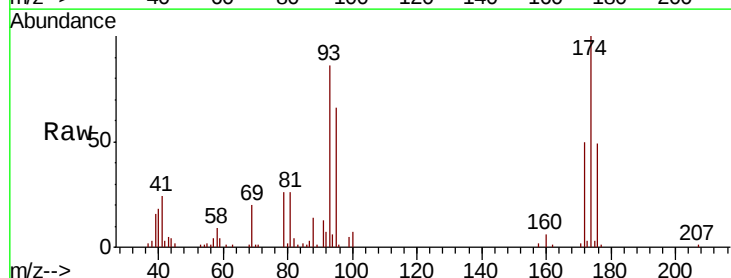
Tgt Ion: 93 Resp: 44745

Ion Ratio Lower Upper

93 100

95 84.6 66.7 100.1

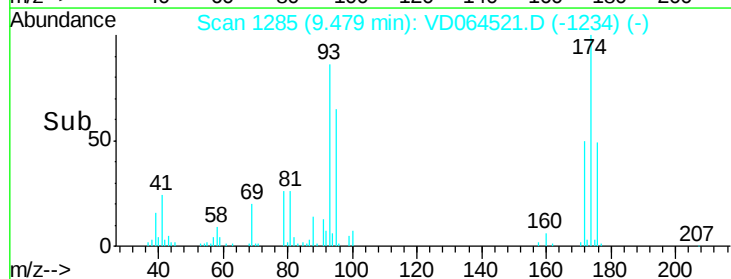
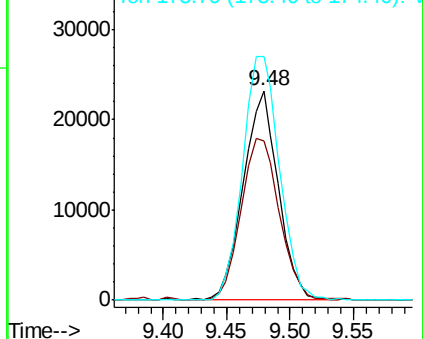
174 122.6 92.3 138.5

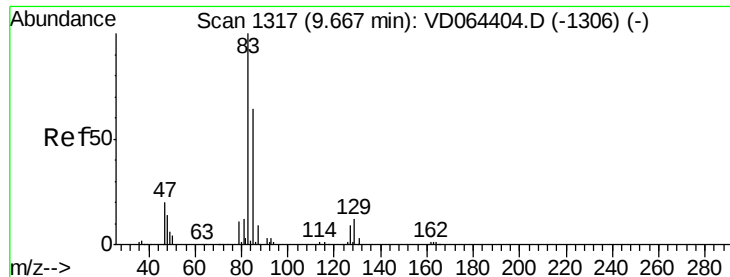


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 22.927 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

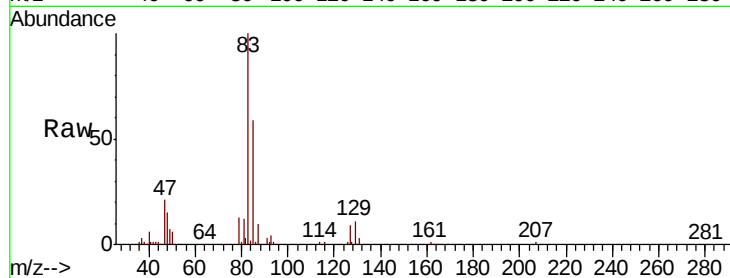
Tgt Ion: 83 Resp: 124076

Ion Ratio Lower Upper

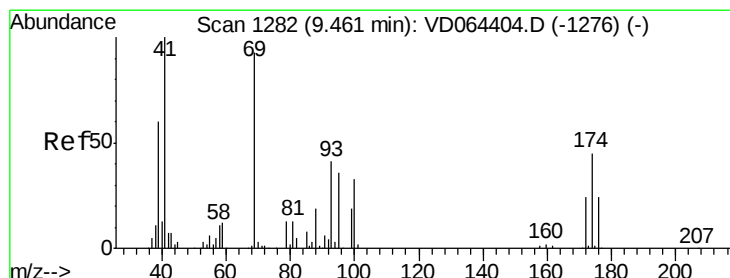
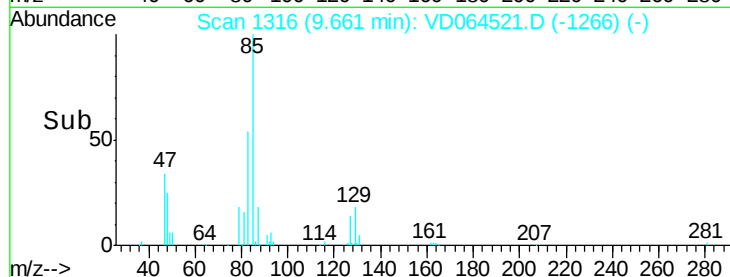
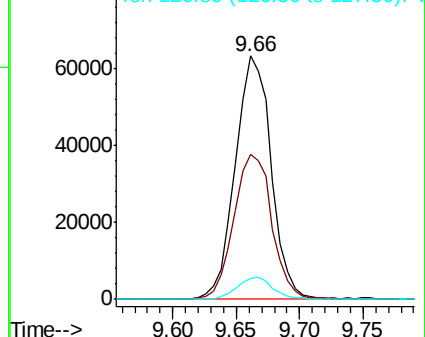
83 100

85 59.3 51.1 76.7

127 8.5 7.4 11.0



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



#48

Methyl methacrylate

Concen: 21.237 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

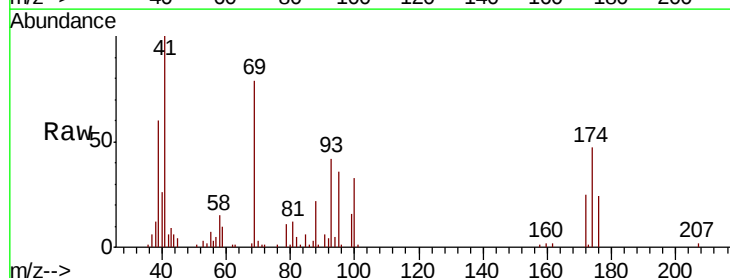
Tgt Ion: 41 Resp: 45549

Ion Ratio Lower Upper

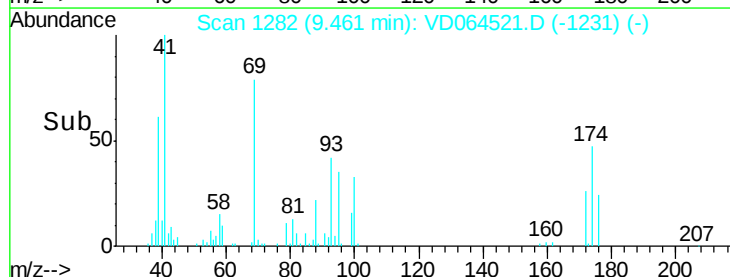
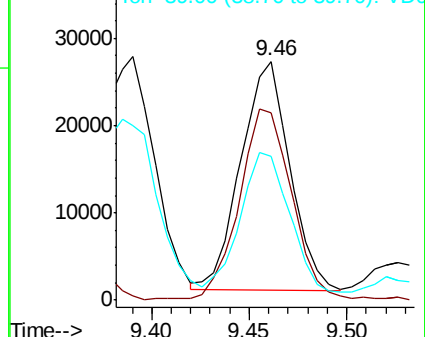
41 100

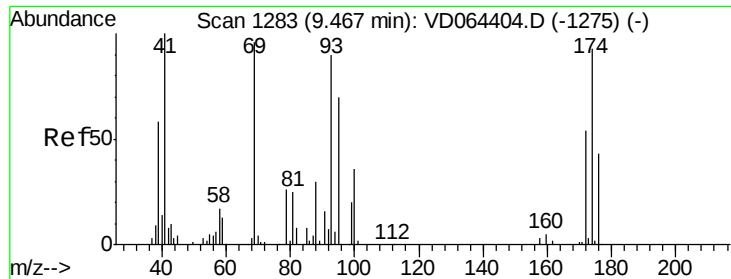
69 90.7 72.0 108.0

39 61.6 55.2 82.8



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

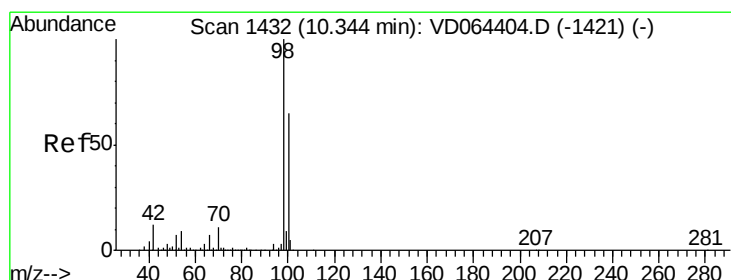
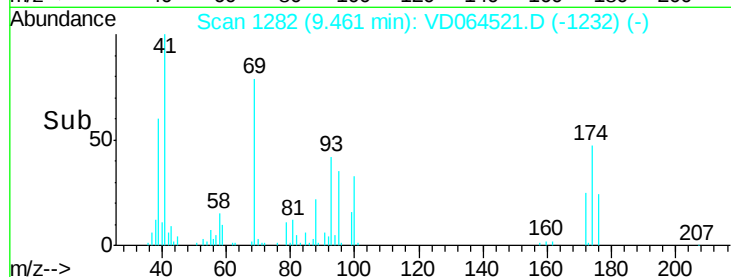
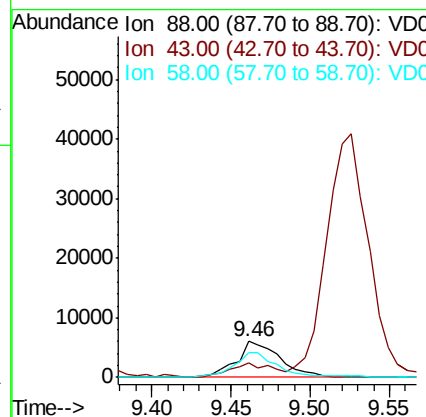
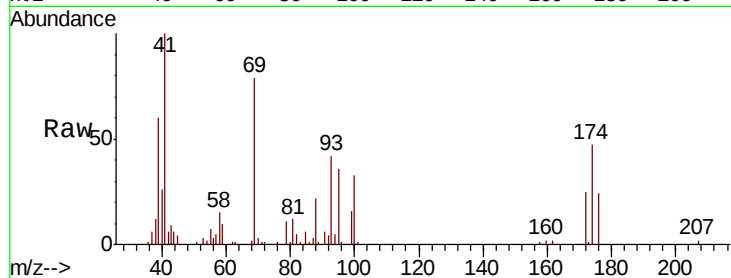




#49
1,4-Dioxane
Concen: 440.016 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

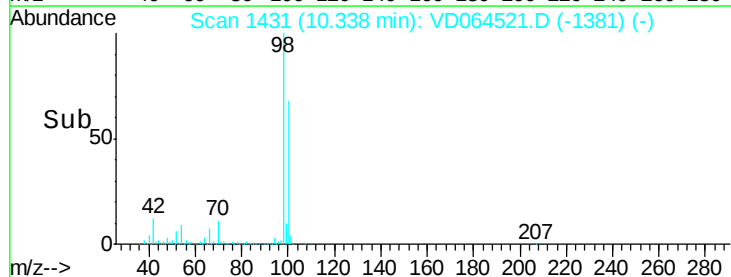
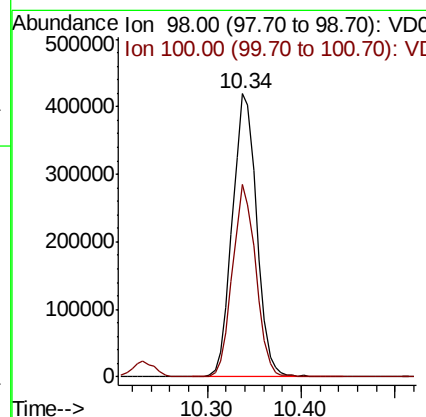
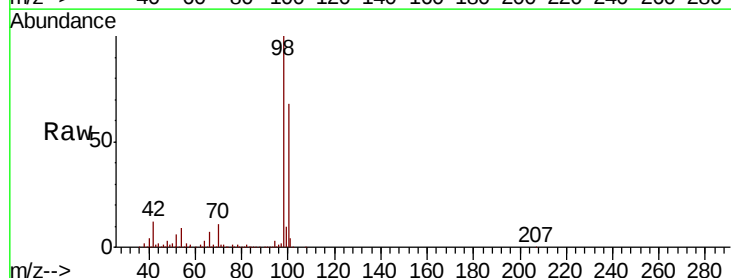
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01

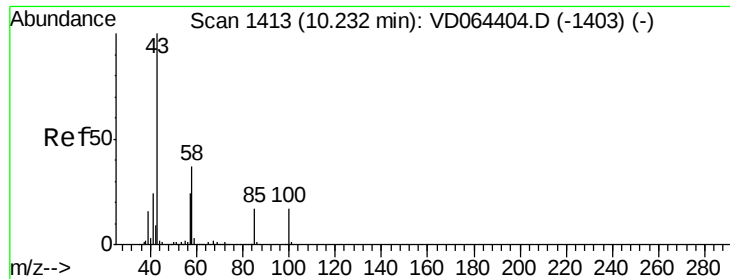
Tgt Ion: 88 Resp: 11444
Ion Ratio Lower Upper
88 100
43 40.4 26.7 40.1#
58 70.9 52.3 78.5



#50
Toluene-d8
Concen: 53.574 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

Tgt Ion: 98 Resp: 755209
Ion Ratio Lower Upper
98 100
100 65.4 52.6 79.0

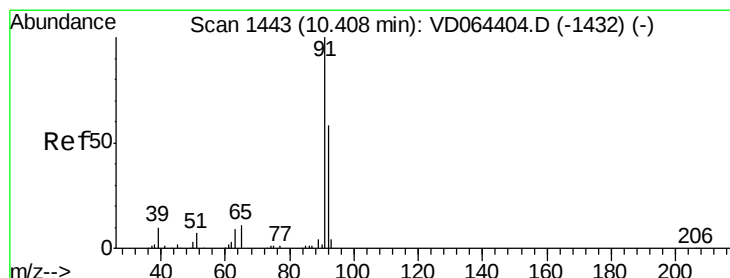
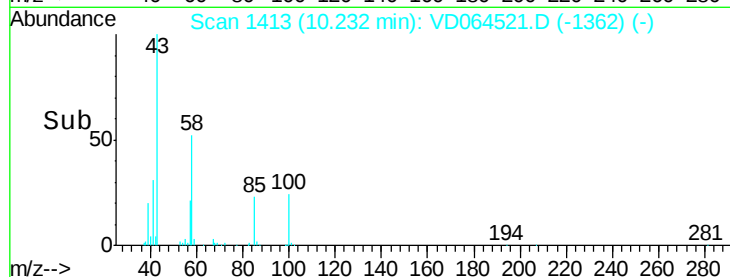
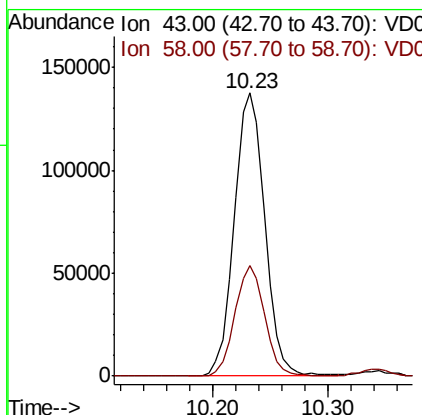
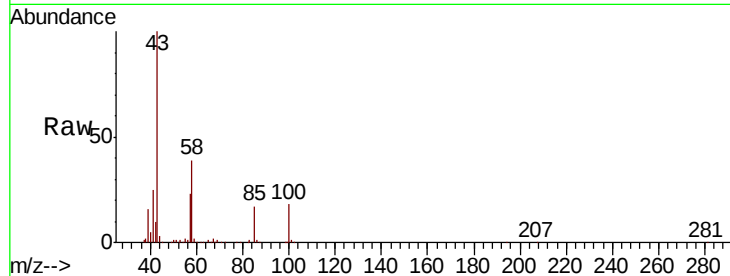




#51
 4-Methyl-2-Pentanone
 Concen: 108.722 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

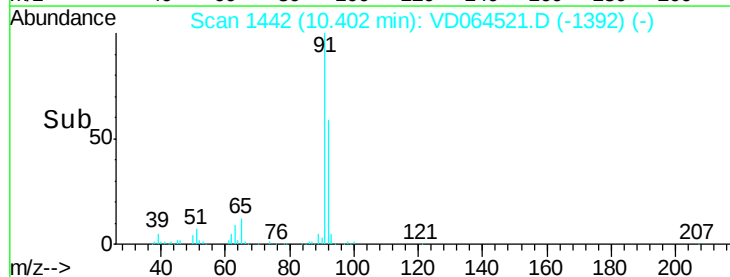
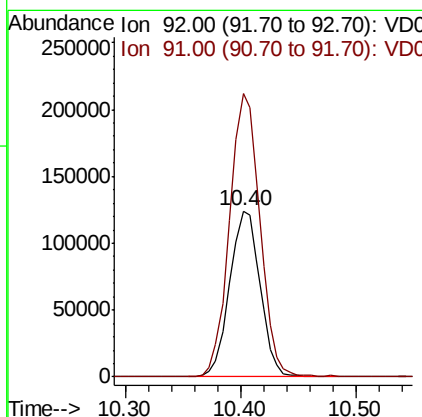
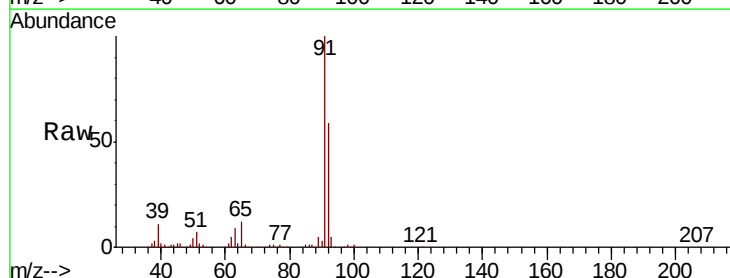
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBSD01

Tgt Ion: 43 Resp: 252140
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.6 46.0



#52
 Toluene
 Concen: 22.307 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion: 92 Resp: 226843
 Ion Ratio Lower Upper
 92 100
 91 170.2 137.8 206.6





#53

t-1,3-Dichloropropene

Concen: 22.708 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

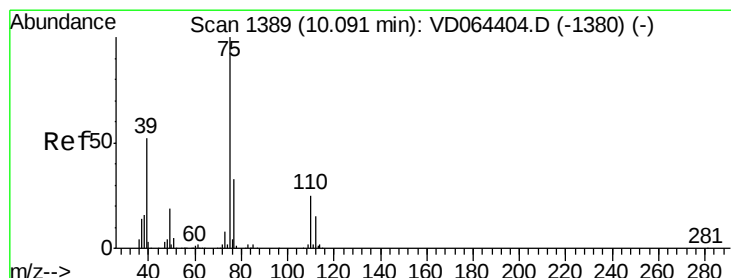
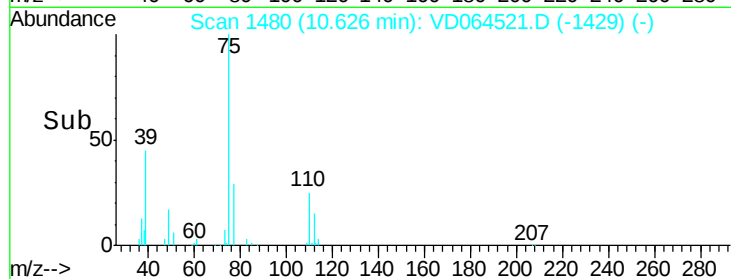
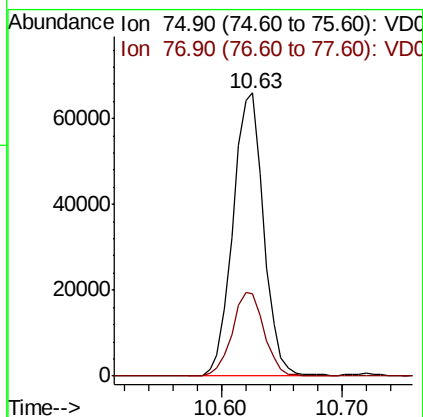
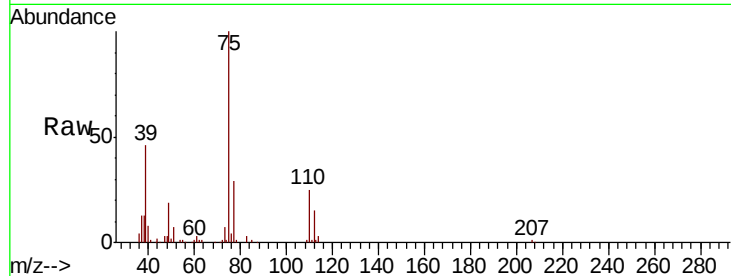
VD1216SBSD01

Tgt Ion: 75 Resp: 117118

Ion Ratio Lower Upper

75 100

77 29.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 22.399 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

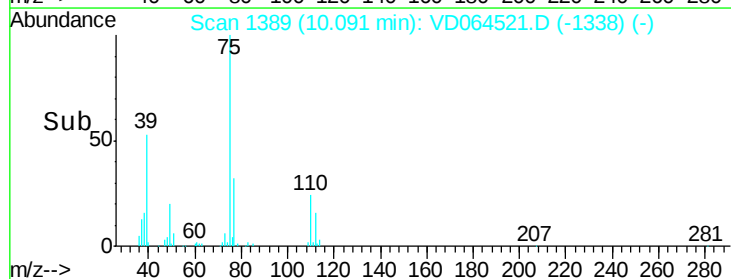
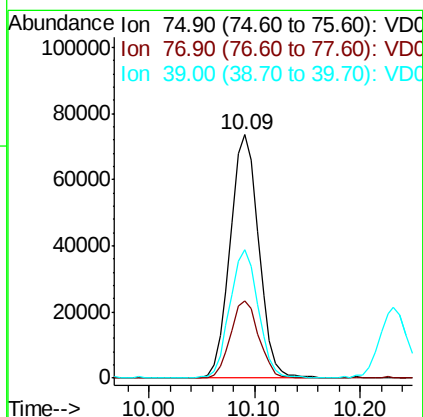
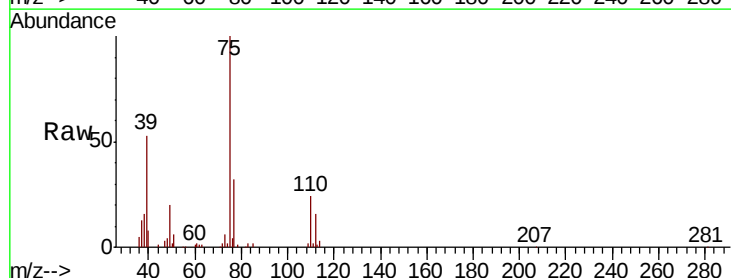
Tgt Ion: 75 Resp: 137242

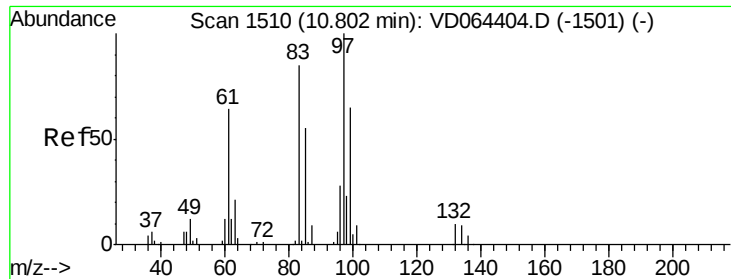
Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

39 52.6 41.5 62.3

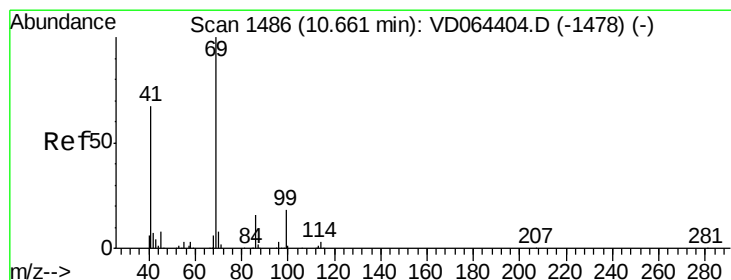
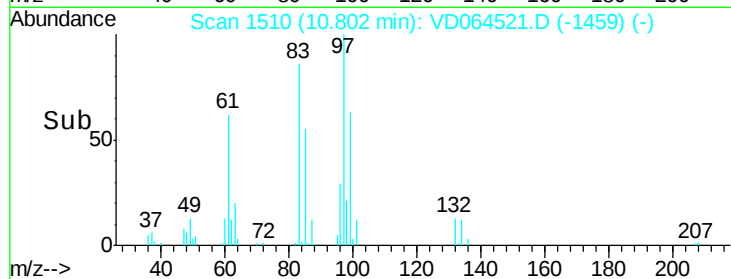
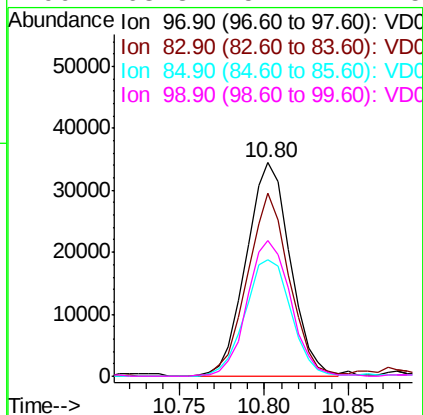
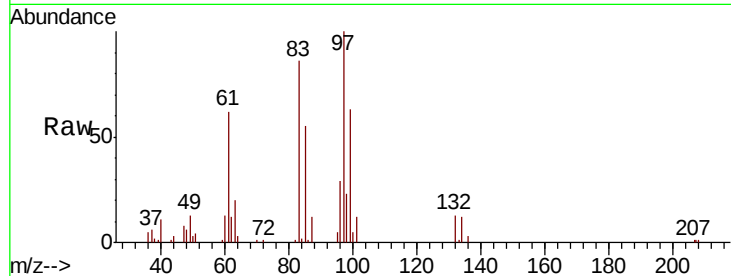




#55
 1,1,2-Trichloroethane
 Concen: 21.632 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

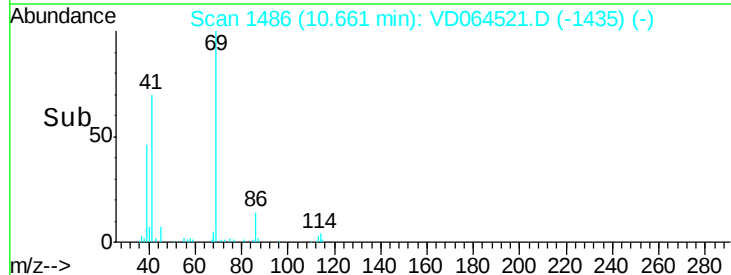
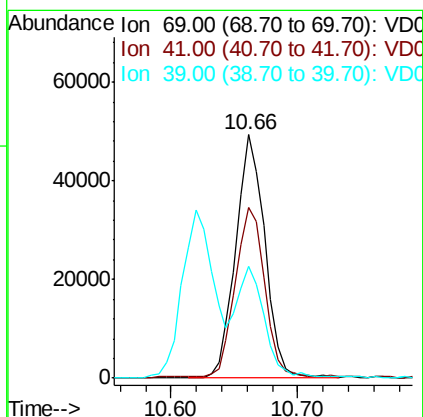
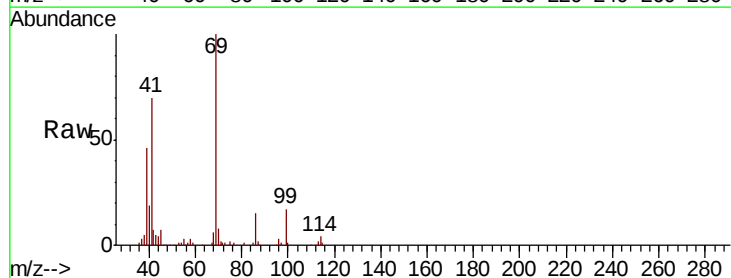
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBSD01

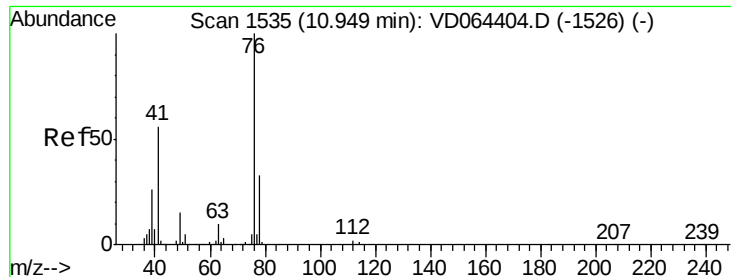
Tgt Ion:	97	Resp:	62385
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.8	101.8
85	54.6	43.7	65.5
99	63.3	51.7	77.5



#56
 Ethyl methacrylate
 Concen: 21.395 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion:	69	Resp:	78697
Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.0	82.4
39	45.6	33.0	49.6

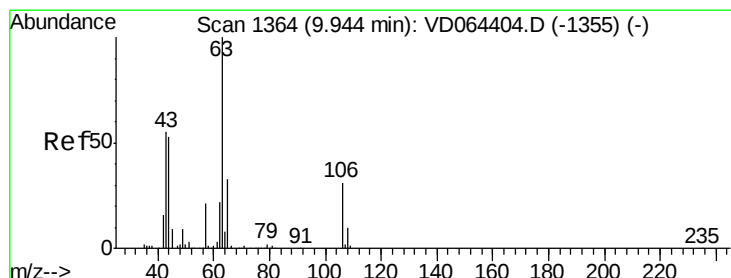
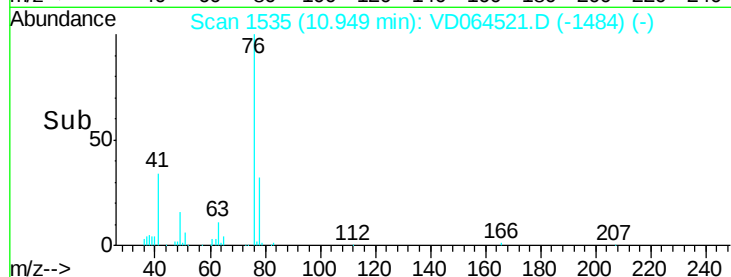
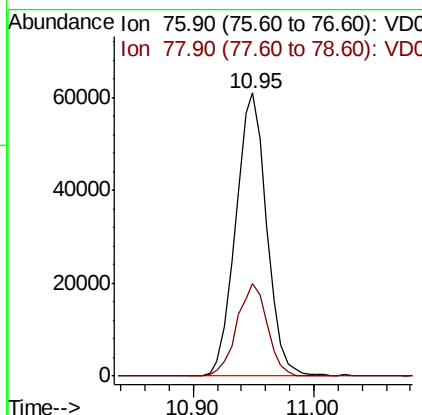
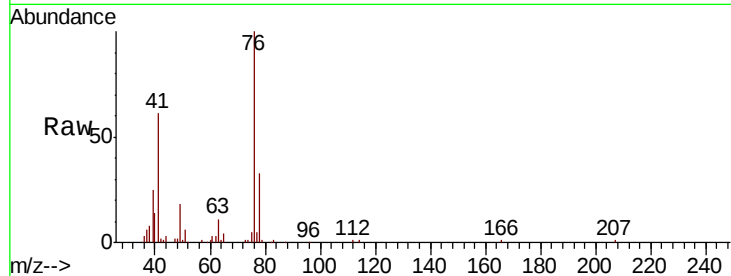




#57
 1,3-Dichloropropane
 Concen: 22.259 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

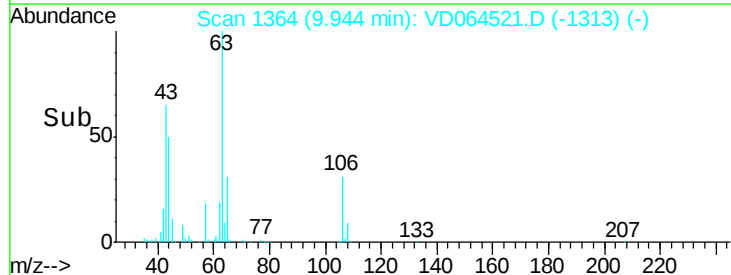
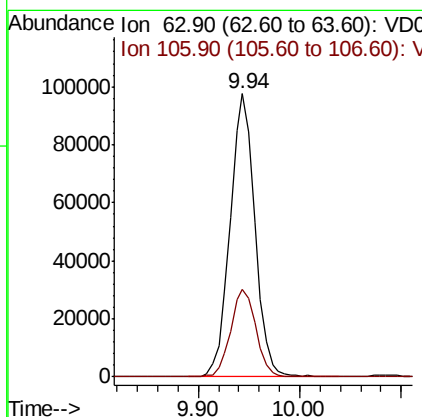
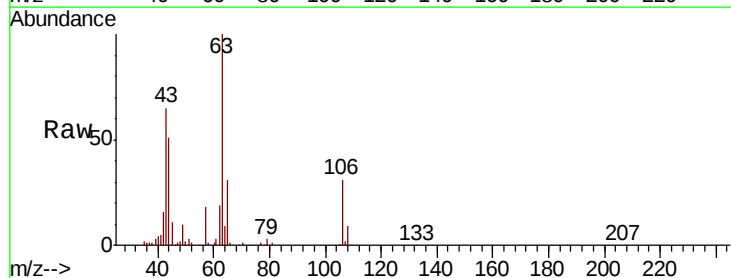
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBSD01

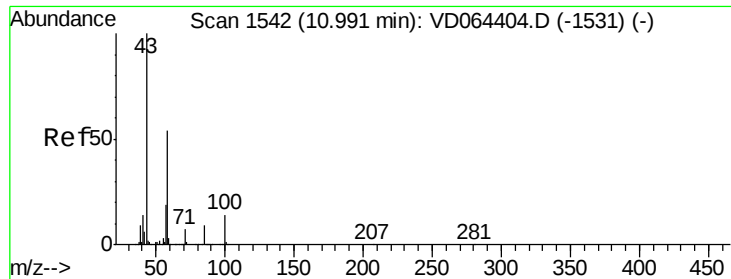
Tgt Ion: 76 Resp: 109277
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.169 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion: 63 Resp: 165942
 Ion Ratio Lower Upper
 63 100
 106 31.6 24.2 36.4

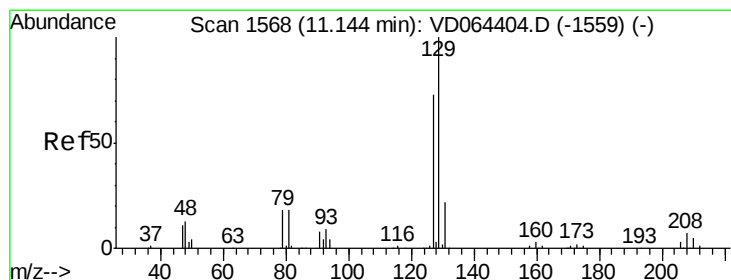
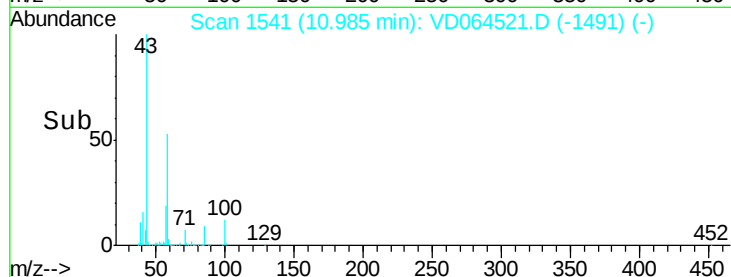
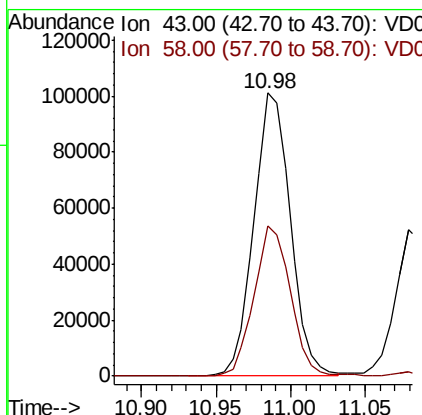
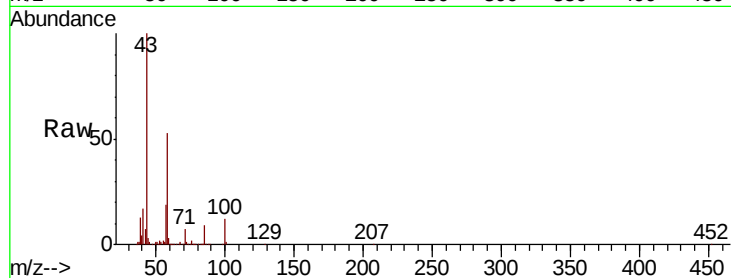




#59
2-Hexanone
Concen: 106.569 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

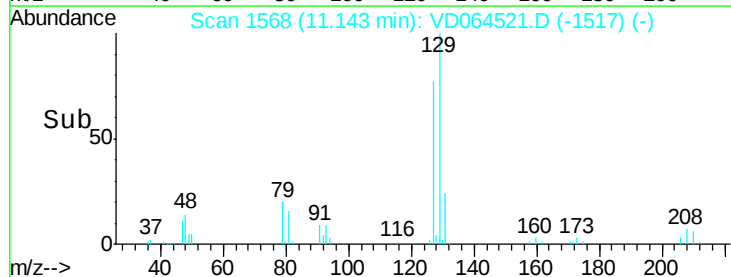
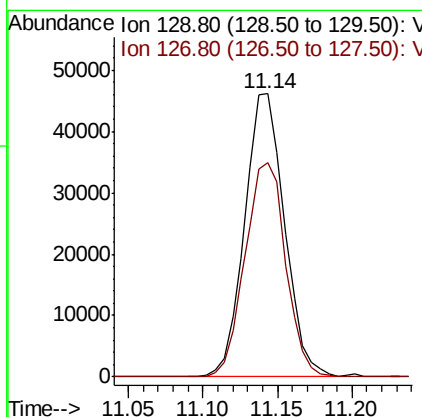
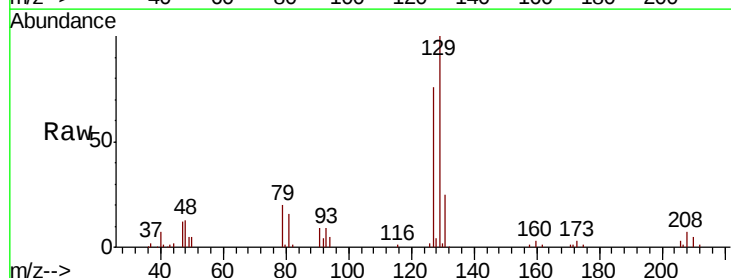
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01

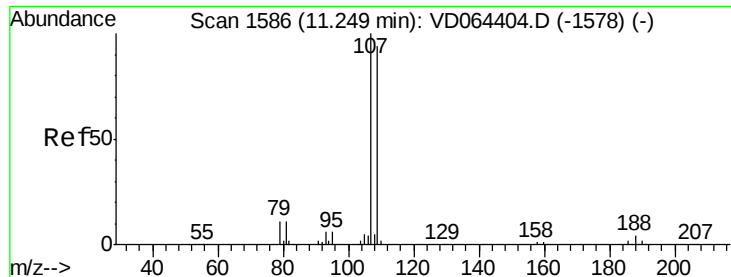
Tgt Ion: 43 Resp: 171492
Ion Ratio Lower Upper
43 100
58 52.9 26.3 78.8



#60
Dibromochloromethane
Concen: 21.798 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

Tgt Ion: 129 Resp: 85235
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3

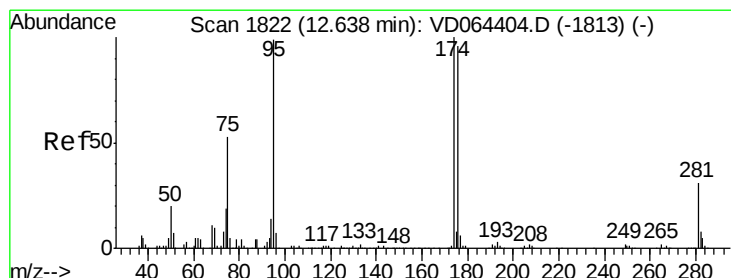
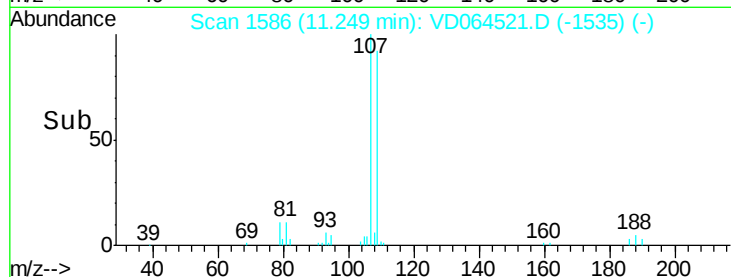
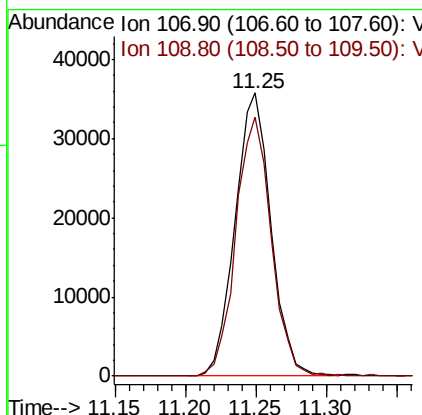
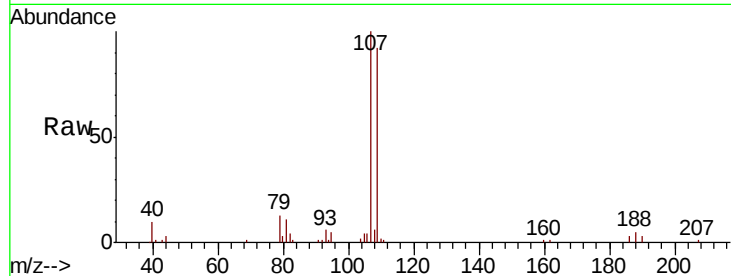




#61
 1,2-Dibromoethane
 Concen: 22.044 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

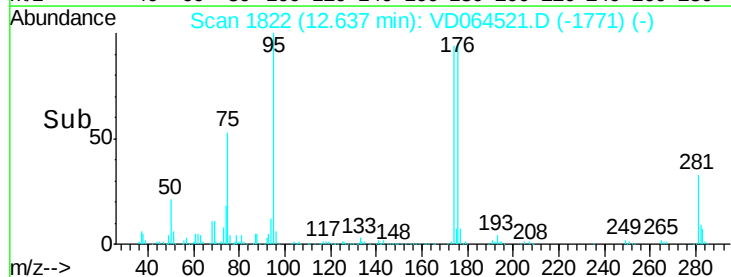
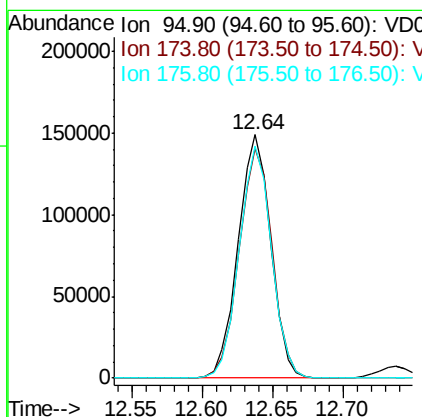
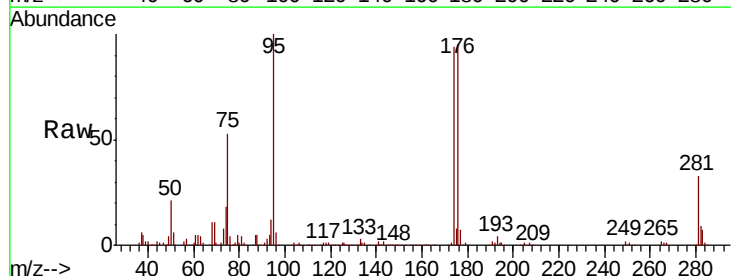
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBSD01

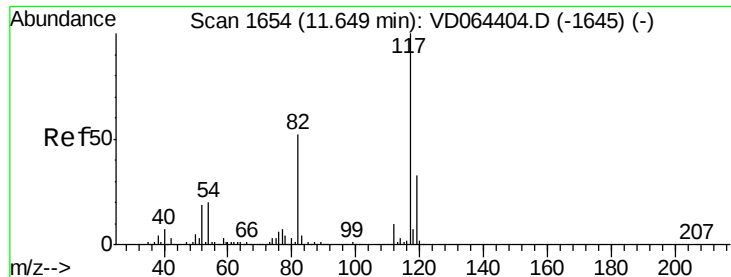
Tgt Ion: 107 Resp: 63475
 Ion Ratio Lower Upper
 107 100
 109 90.3 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 53.248 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion: 95 Resp: 241227
 Ion Ratio Lower Upper
 95 100
 174 95.4 0.0 197.2
 176 94.3 0.0 189.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

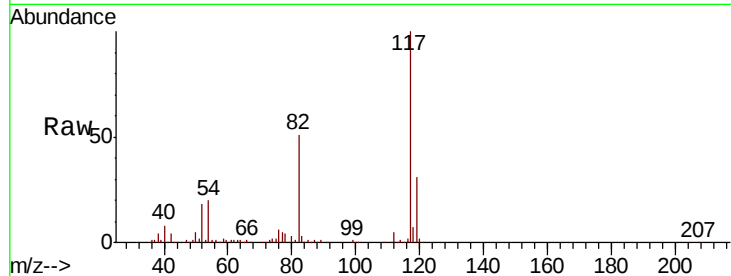
Tgt Ion:117 Resp: 544125

Ion Ratio Lower Upper

117 100

82 51.2 41.4 62.2

119 30.6 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

Ion 118.90 (118.60 to 119.60): V

11.65

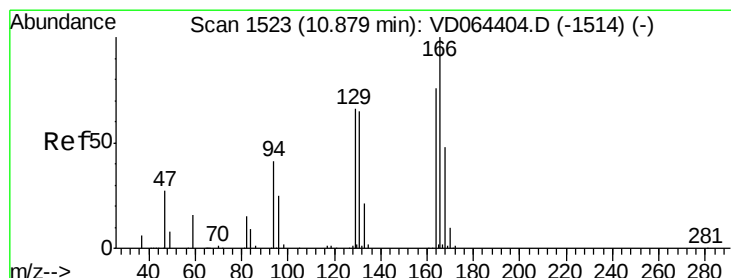
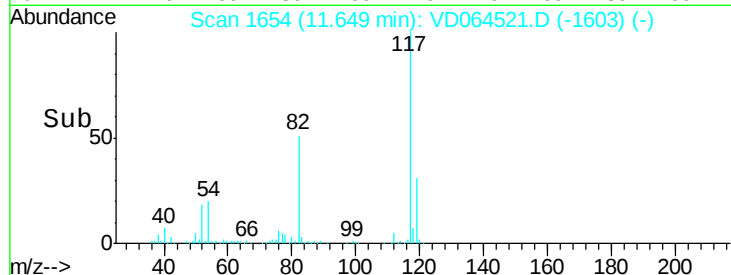
300000

200000

100000

0

Time-->



#64

Tetrachloroethene

Concen: 21.546 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.01 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Tgt Ion:164 Resp: 89402

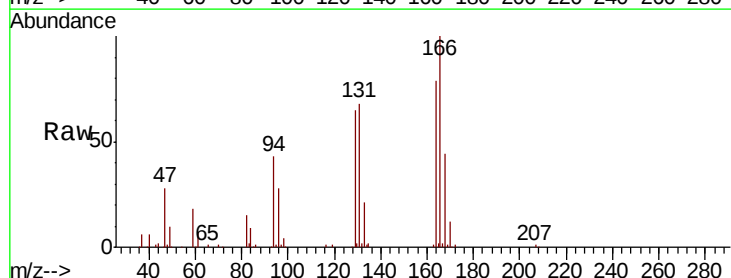
Ion Ratio Lower Upper

164 100

166 126.5 104.8 157.2

129 82.8 68.7 103.1

131 86.0 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

10.87

80000

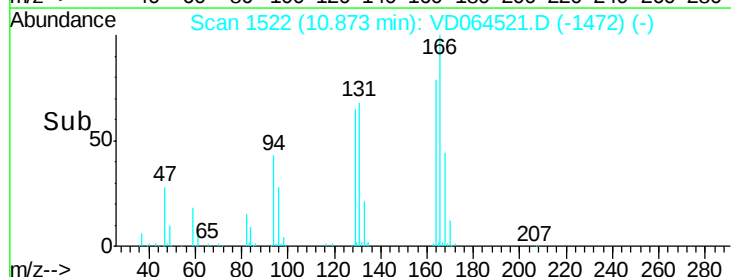
60000

40000

20000

0

Time-->

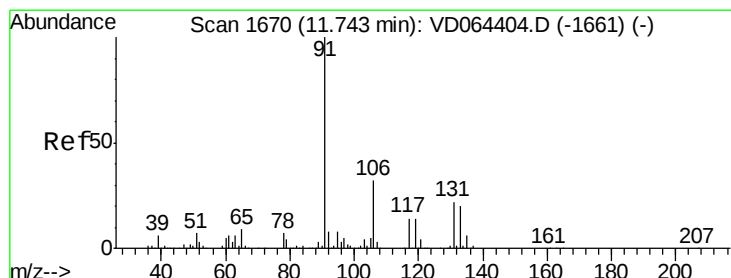
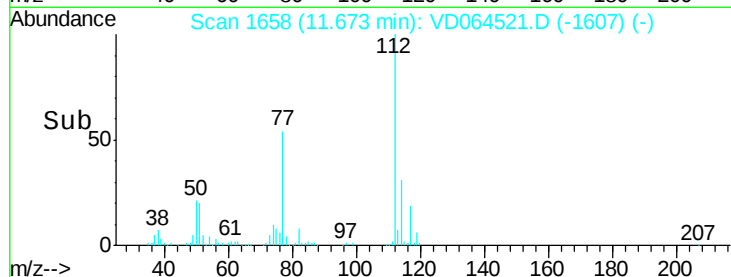
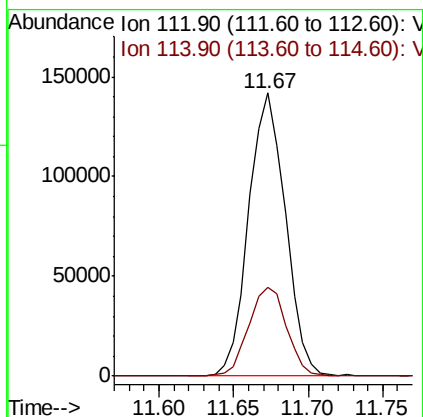
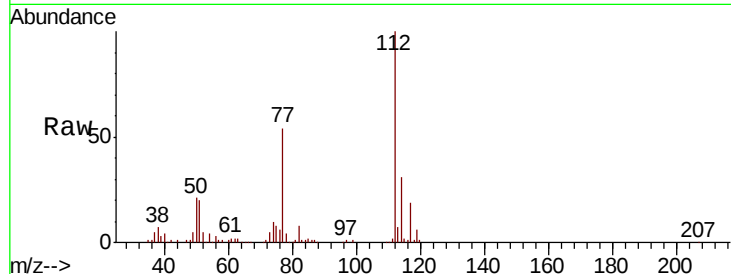




#65
Chlorobenzene
Concen: 21.268 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

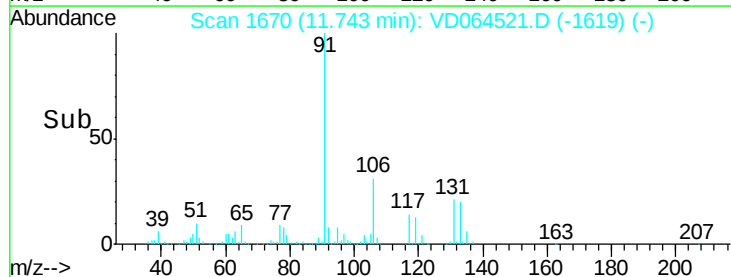
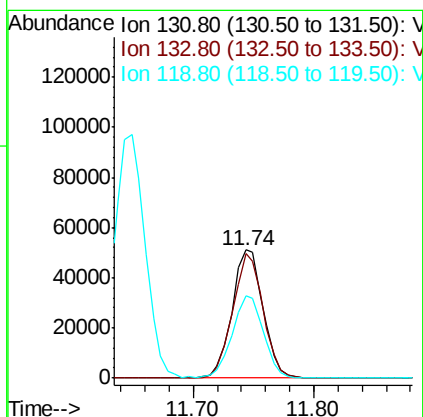
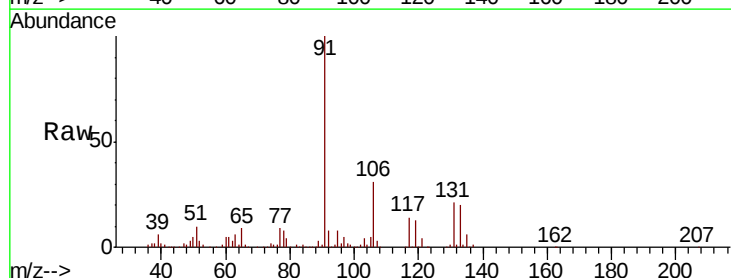
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01

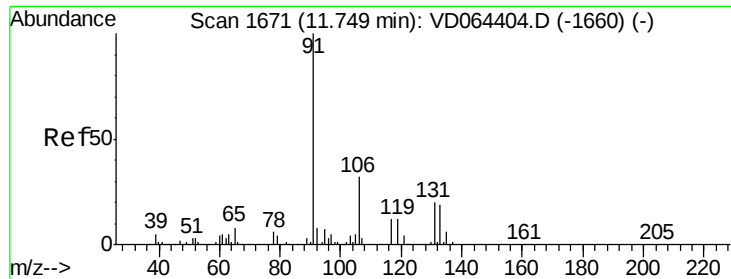
Tgt Ion:112 Resp: 241368
Ion Ratio Lower Upper
112 100
114 31.4 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.823 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

Tgt Ion:131 Resp: 91683
Ion Ratio Lower Upper
131 100
133 95.1 48.3 144.9
119 64.6 31.9 95.9

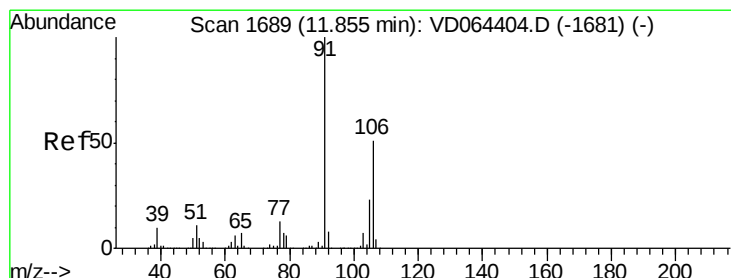
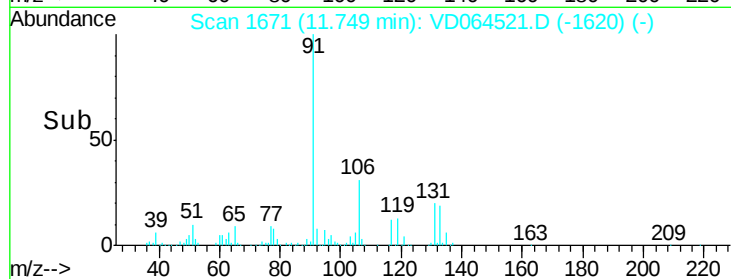
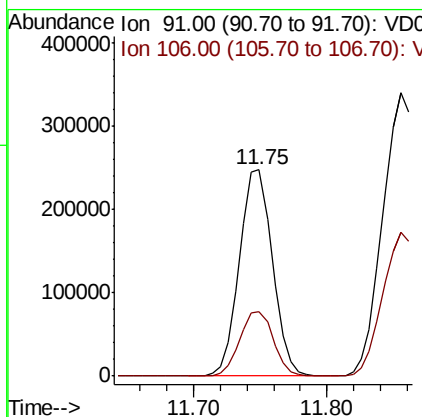
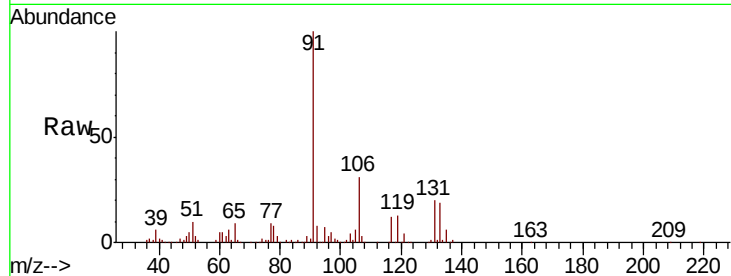




#67
Ethyl Benzene
Concen: 21.119 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

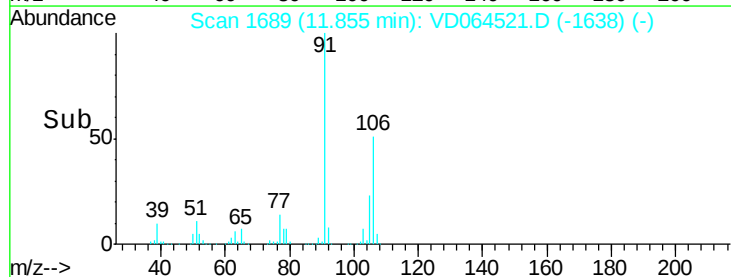
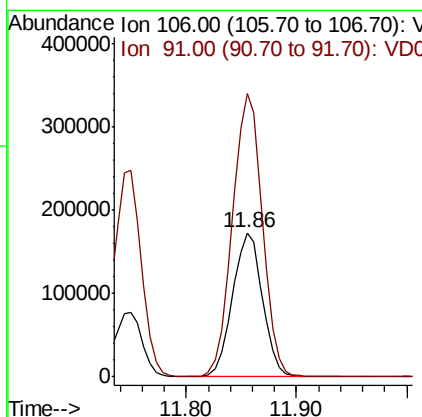
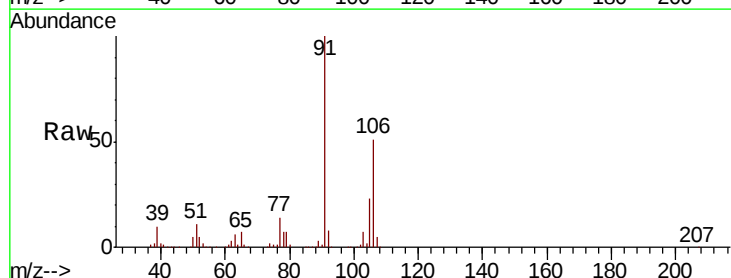
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

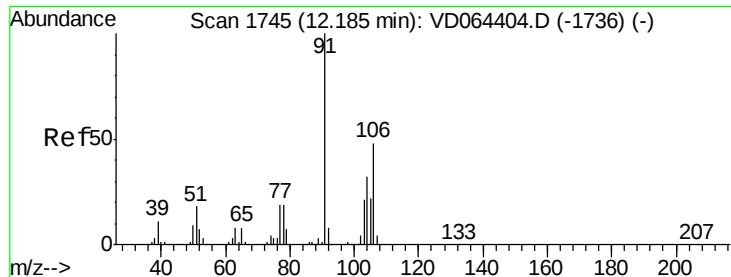
Tgt Ion: 91 Resp: 426437
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.8



#68
m/p-Xylenes
Concen: 42.833 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

Tgt Ion: 106 Resp: 329768
Ion Ratio Lower Upper
106 100
91 196.8 157.4 236.2

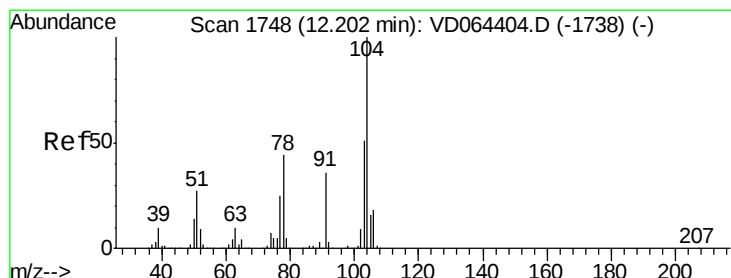
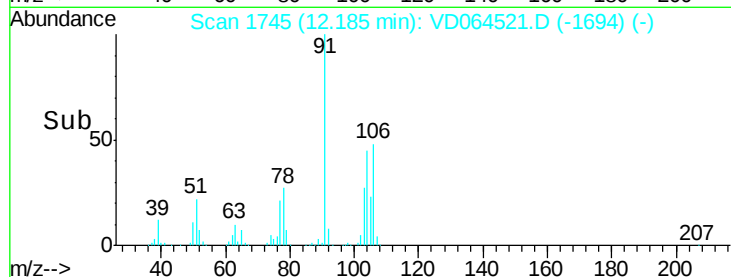
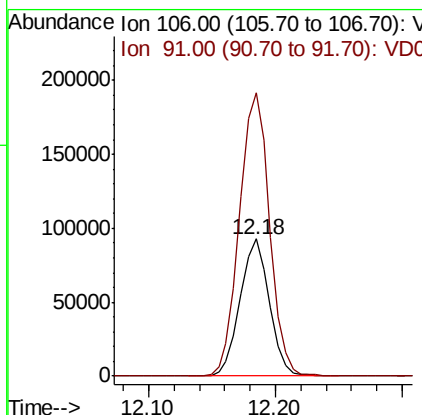
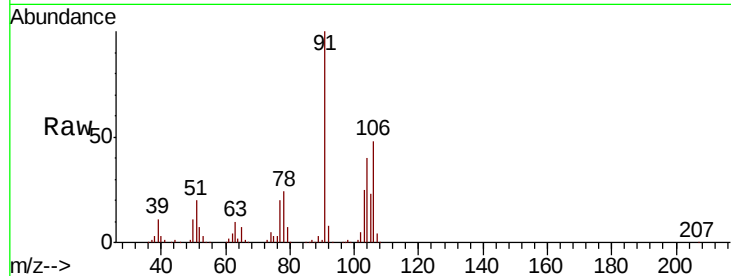




#69
o-Xylene
Concen: 20.901 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

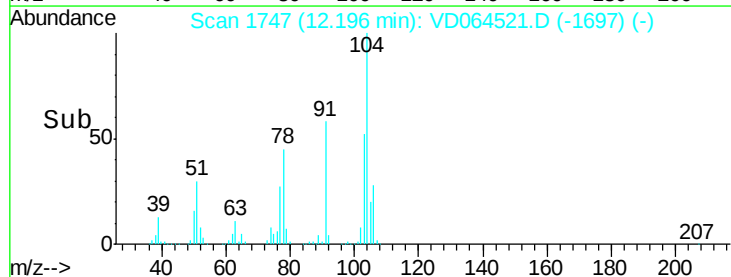
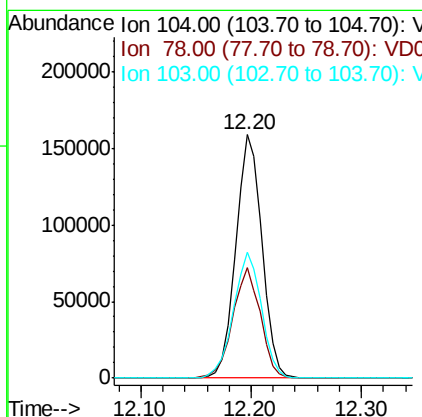
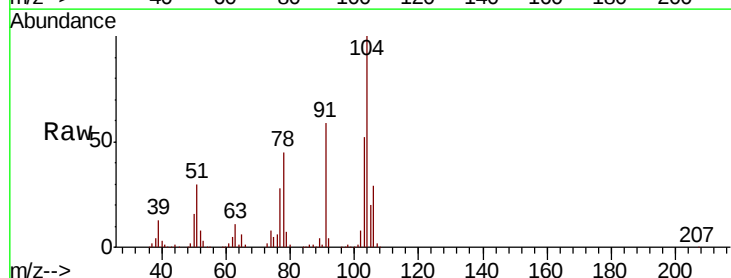
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01

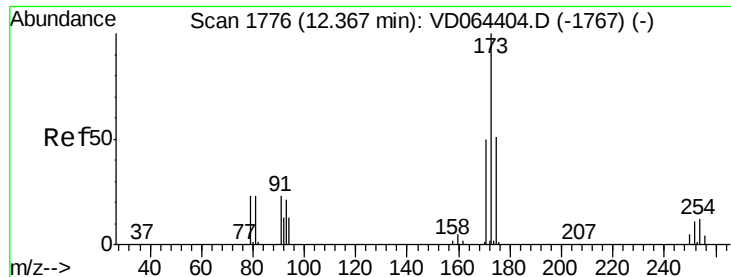
Tgt Ion:106 Resp: 148614
Ion Ratio Lower Upper
106 100
91 212.7 103.8 311.4



#70
Styrene
Concen: 21.425 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

Tgt Ion:104 Resp: 264734
Ion Ratio Lower Upper
104 100
78 47.7 38.8 58.2
103 55.6 44.2 66.4

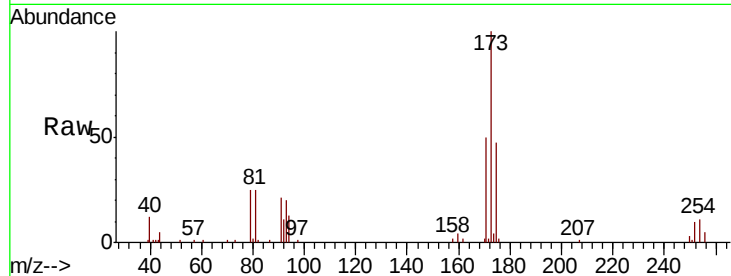




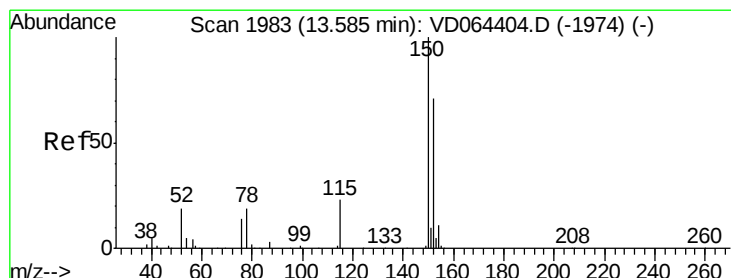
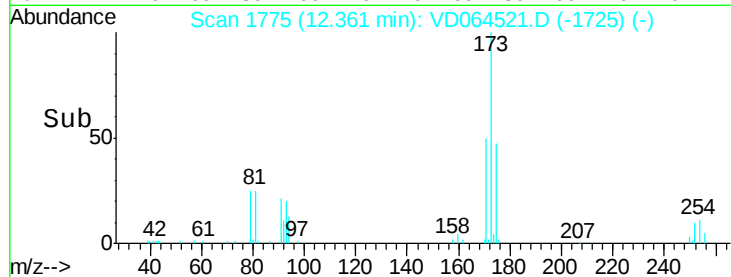
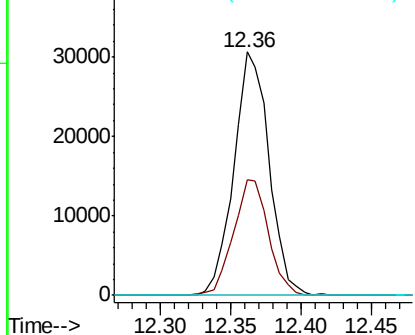
#71
Bromoform
Concen: 21.205 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01

Tgt Ion:173 Resp: 53298
Ion Ratio Lower Upper
173 100
175 47.2 25.3 75.8
254 0.0 0.0 0.0

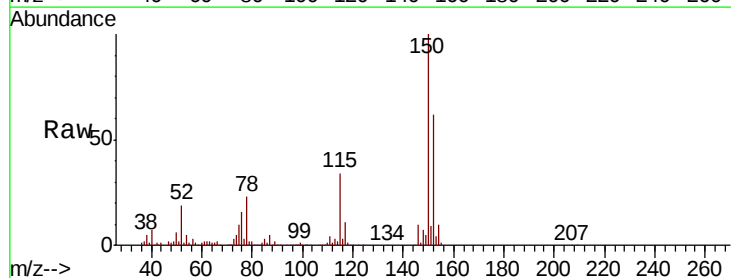


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

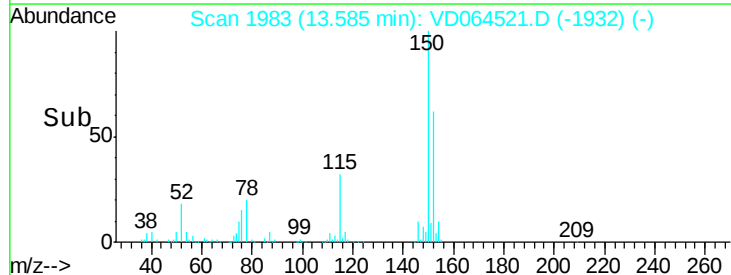
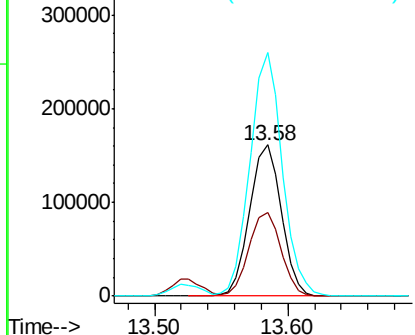


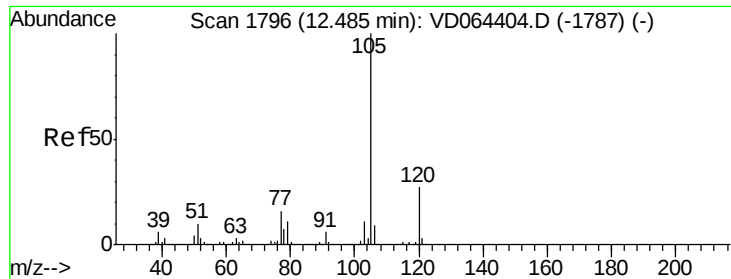
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064521.D
Acq: 16 Dec 2019 13:11

Tgt Ion:152 Resp: 264970
Ion Ratio Lower Upper
152 100
115 55.6 26.7 80.1
150 163.4 0.0 347.2



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





#73

Isopropylbenzene

Concen: 21.640 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

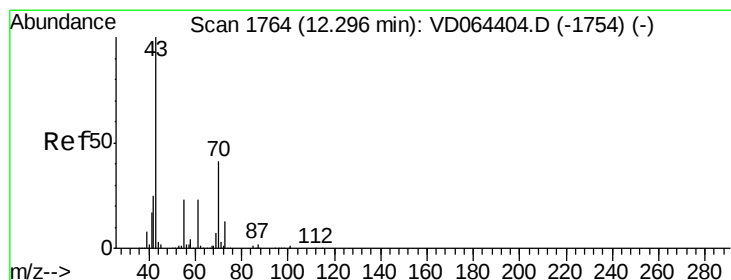
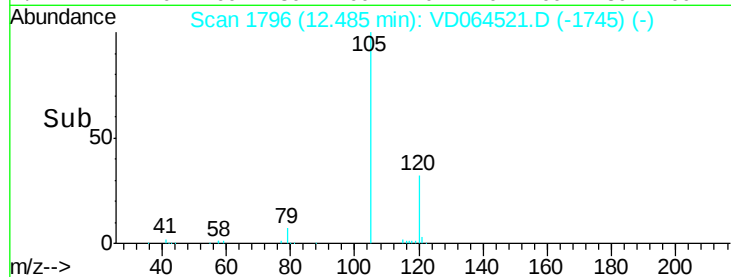
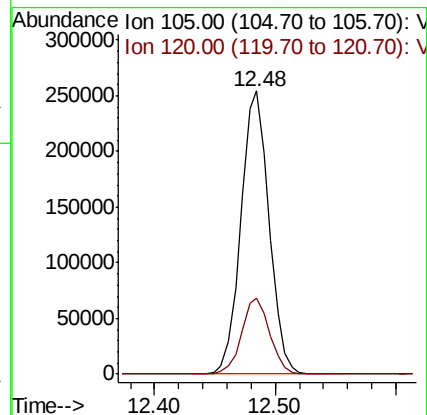
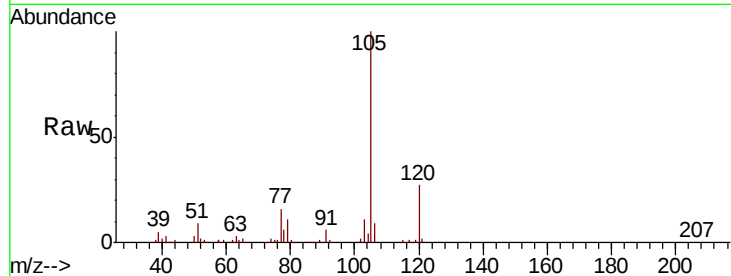
VD1216SBS01

Tgt Ion: 105 Resp: 412389

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 20.712 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Tgt Ion: 43 Resp: 89586

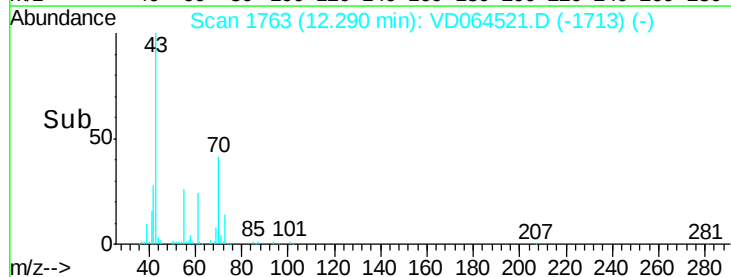
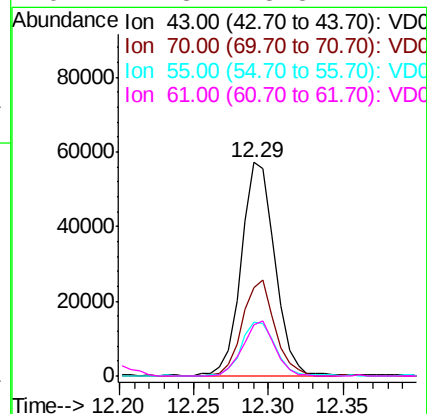
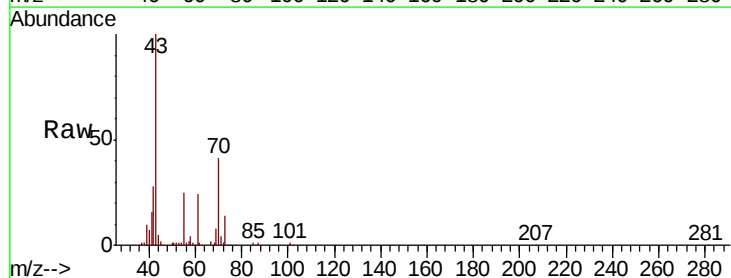
Ion Ratio Lower Upper

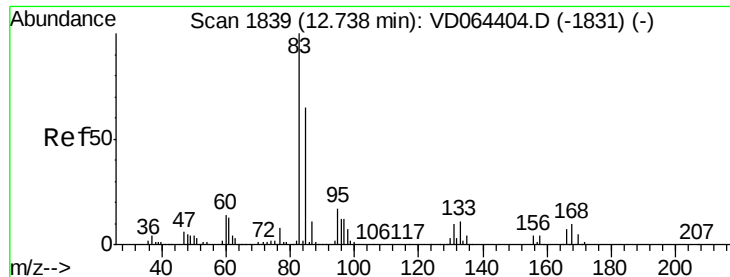
43 100

70 43.1 33.4 50.2

55 25.8 18.9 28.3

61 24.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.312 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBSD01

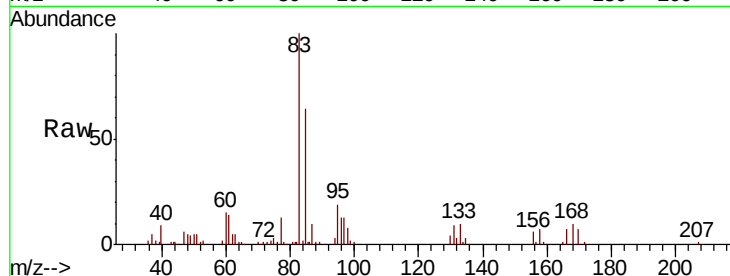
Tgt Ion: 83 Resp: 67164

Ion Ratio Lower Upper

83 100

131 10.6 5.7 17.0

85 64.7 31.3 93.9



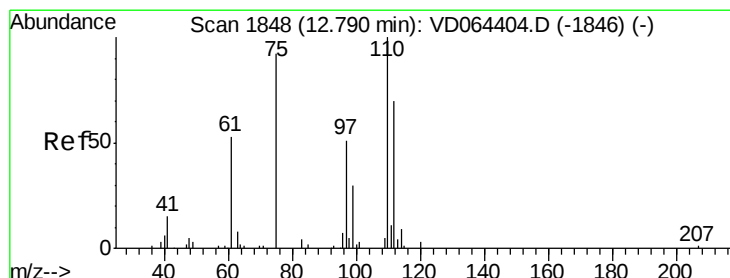
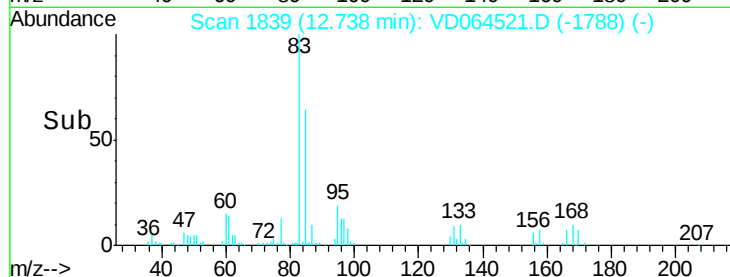
Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC

12.74

Time-->



#76

1,2,3-Trichloropropane

Concen: 40.562 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD064521.D

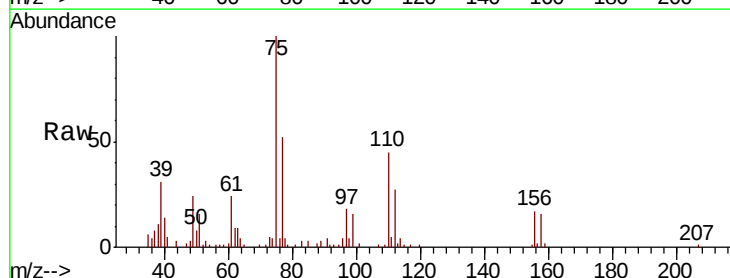
Acq: 16 Dec 2019 13:11

Tgt Ion: 75 Resp: 88385

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

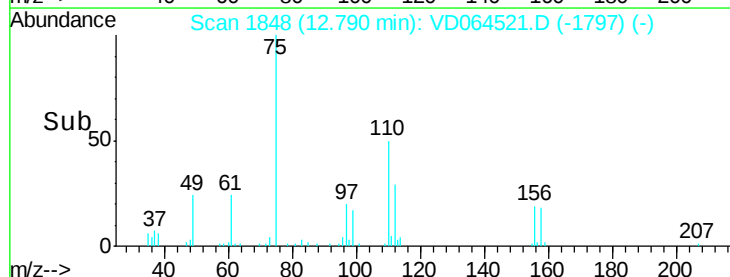


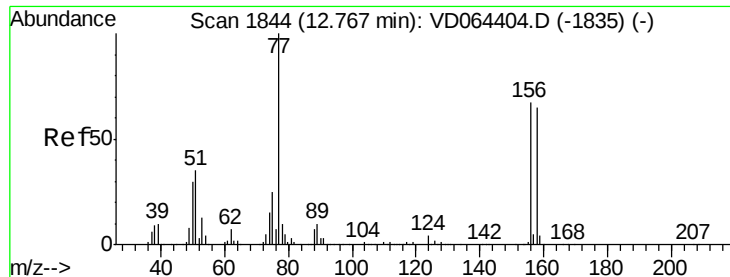
Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.79

Time-->





#77

Bromobenzene

Concen: 21.663 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBSD01

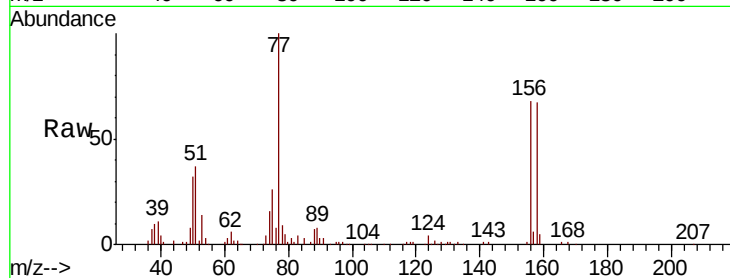
Tgt Ion:156 Resp: 101945

Ion Ratio Lower Upper

156 100

77 162.0 80.0 240.2

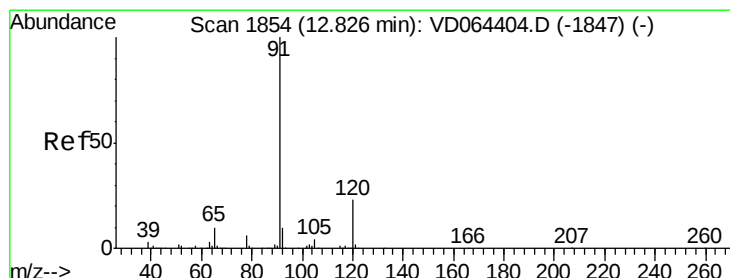
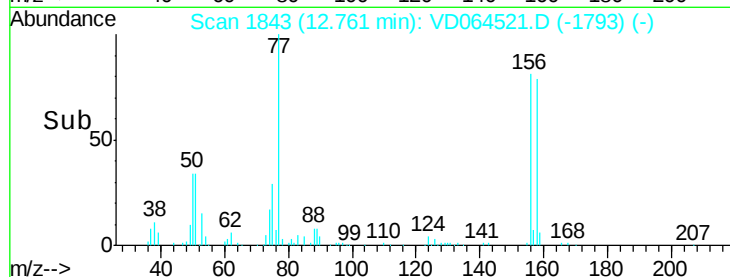
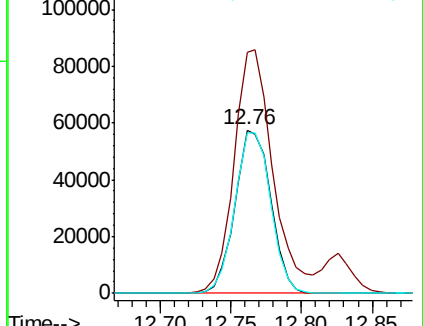
158 98.6 48.9 146.6



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: 21.887 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064521.D

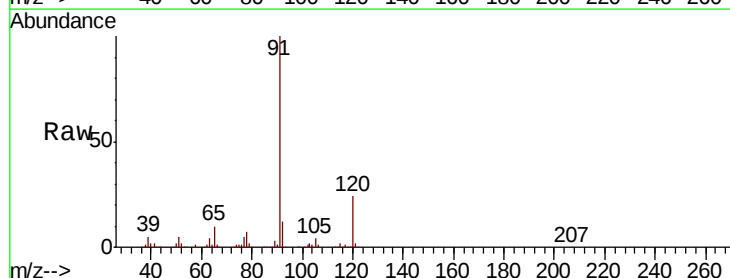
Acq: 16 Dec 2019 13:11

Tgt Ion: 91 Resp: 481257

Ion Ratio Lower Upper

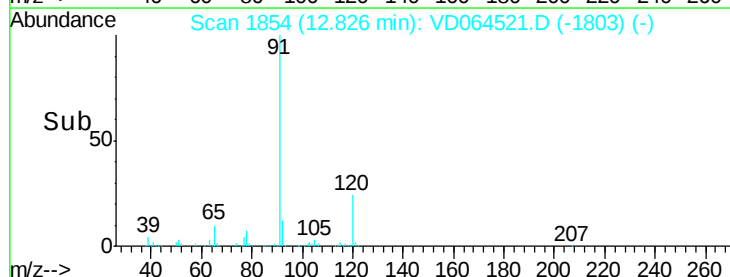
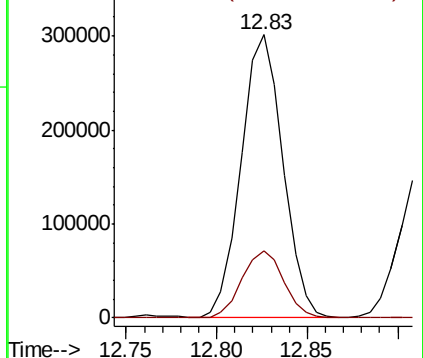
91 100

120 23.8 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: 21.776 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

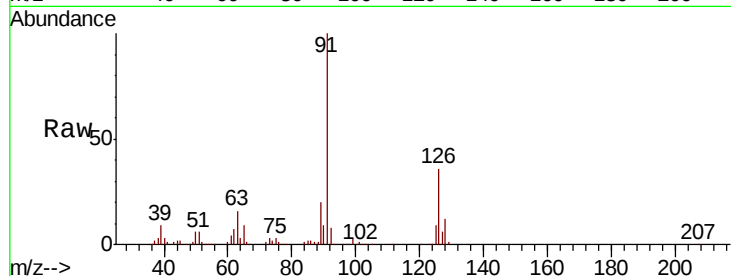
VD1216SBSD01

Tgt Ion: 91 Resp: 263459

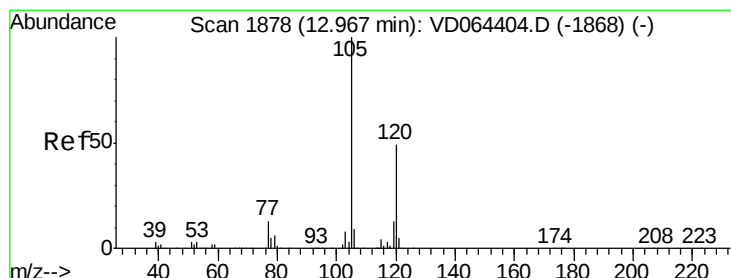
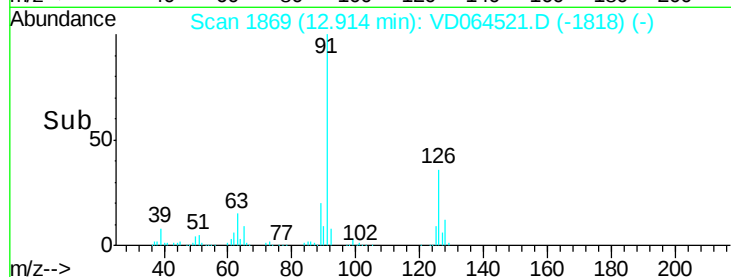
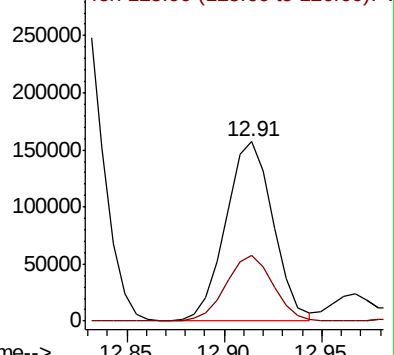
Ion Ratio Lower Upper

91 100

126 36.4 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VD064404.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.452 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD064521.D

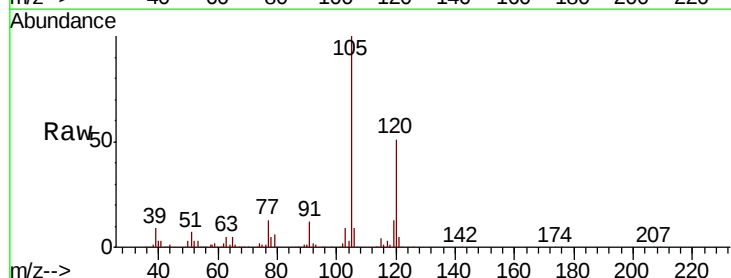
Acq: 16 Dec 2019 13:11

Tgt Ion: 105 Resp: 334075

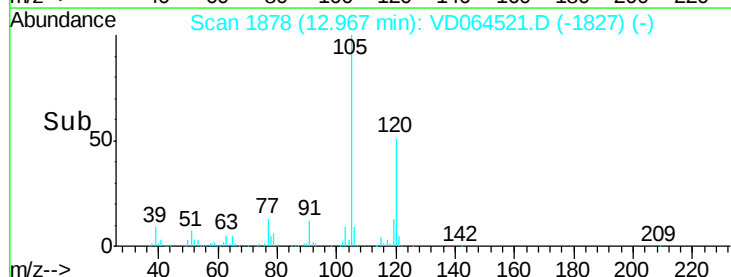
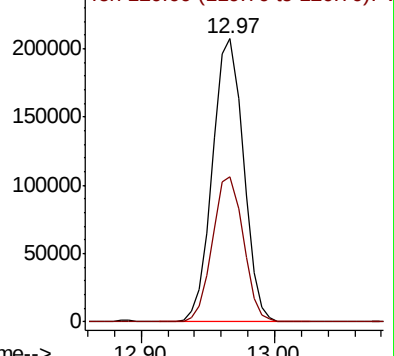
Ion Ratio Lower Upper

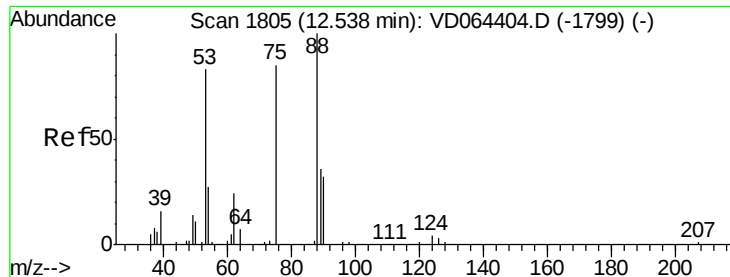
105 100

120 51.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VD064404.D (-1868) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 23.344 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

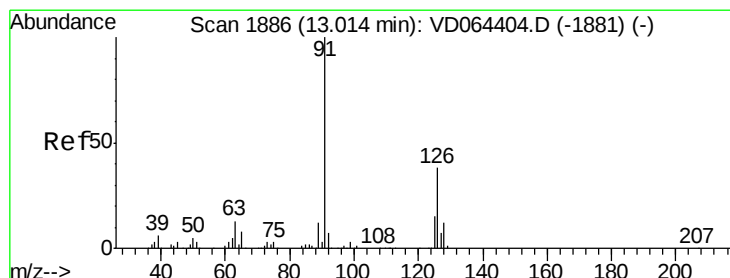
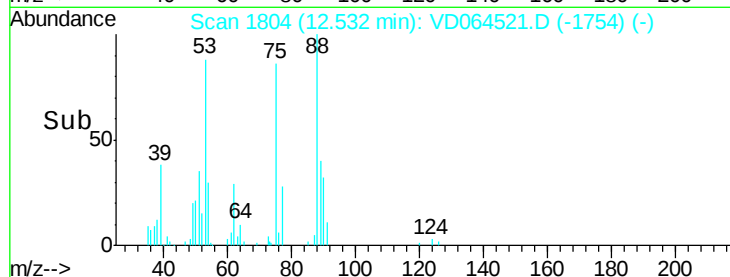
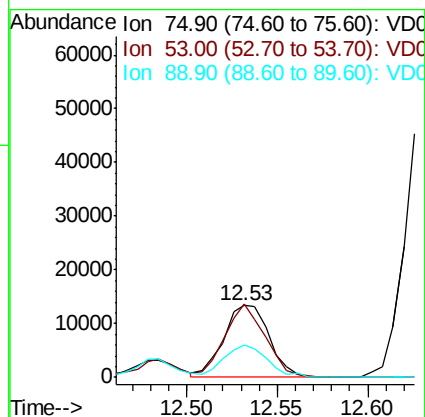
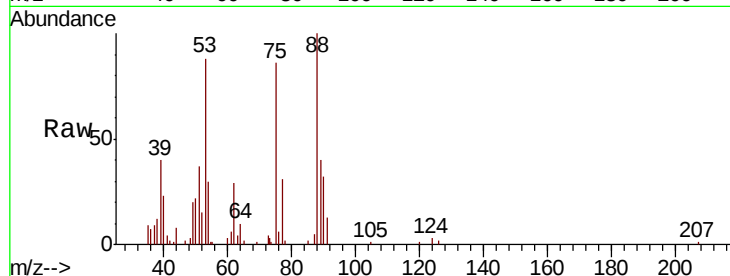
Tgt Ion: 75 Resp: 23328

Ion Ratio Lower Upper

75 100

53 90.5 81.0 121.6

89 42.7 38.5 57.7



#82

4-Chlorotoluene

Concen: 21.746 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD064521.D

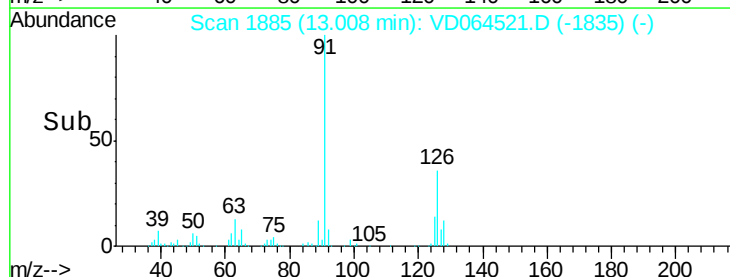
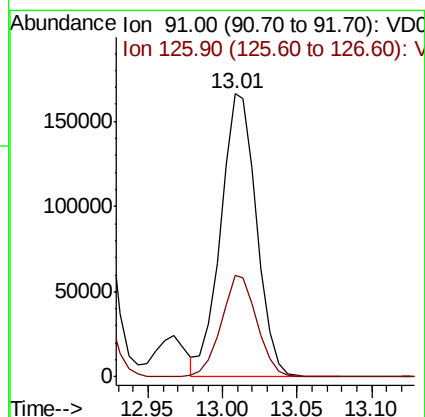
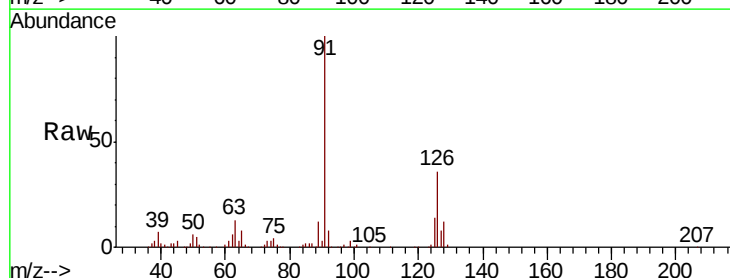
Acq: 16 Dec 2019 13:11

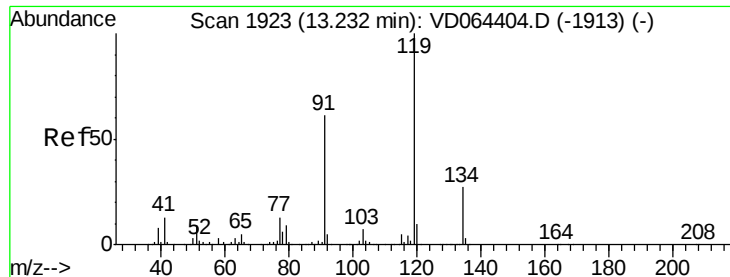
Tgt Ion: 91 Resp: 278569

Ion Ratio Lower Upper

91 100

126 35.7 18.2 54.6

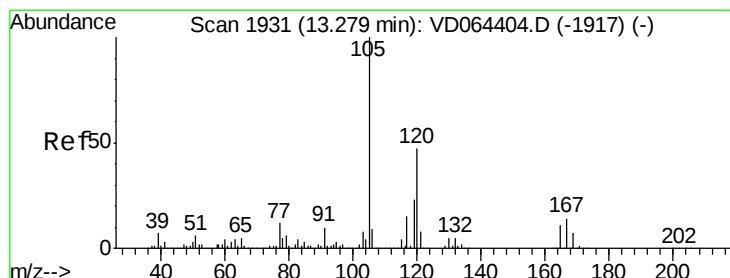
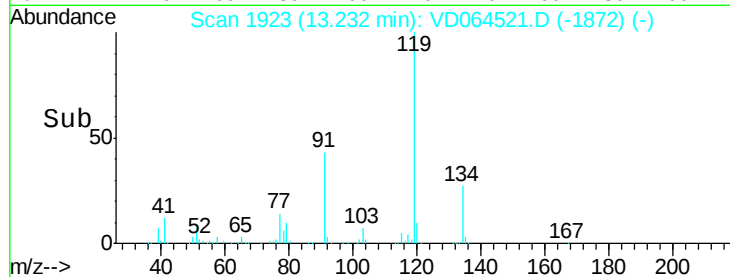
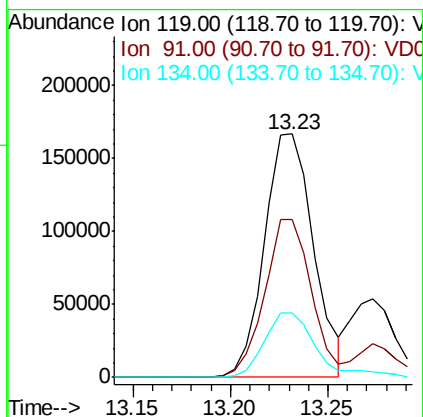
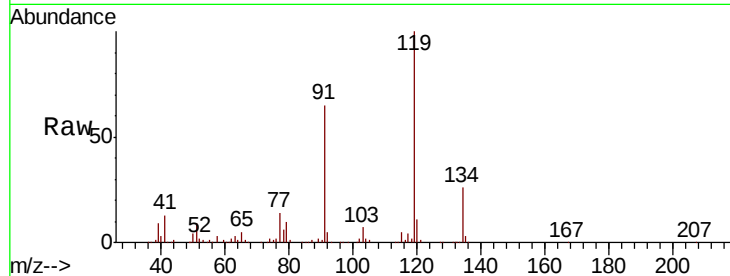




#83
 tert-Butylbenzene
 Concen: 21.524 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

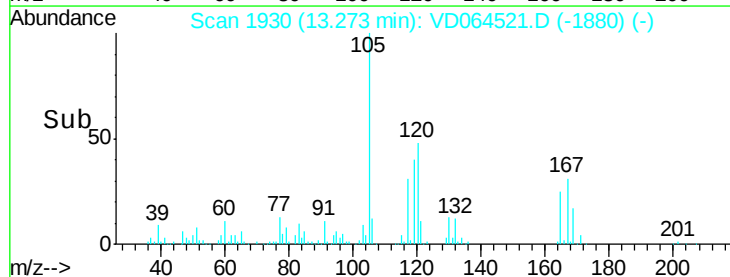
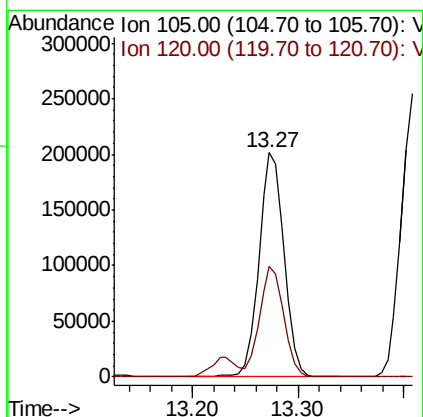
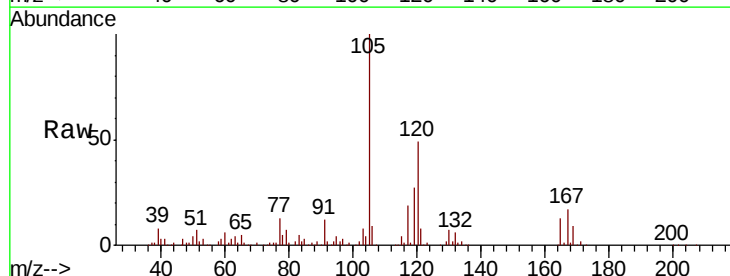
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBSD01

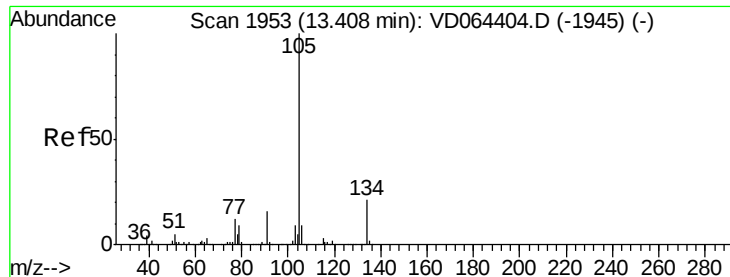
Tgt Ion:119 Resp: 291410
 Ion Ratio Lower Upper
 119 100
 91 61.5 31.2 93.6
 134 28.2 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.225 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion:105 Resp: 332370
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.6 70.8

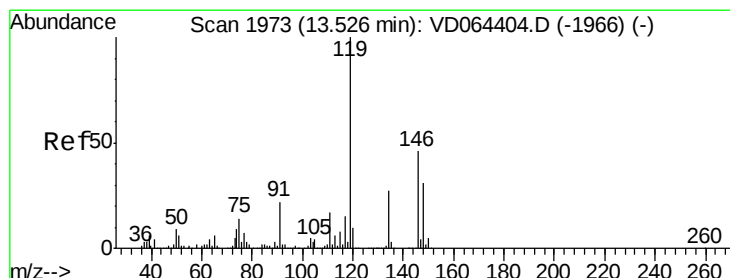
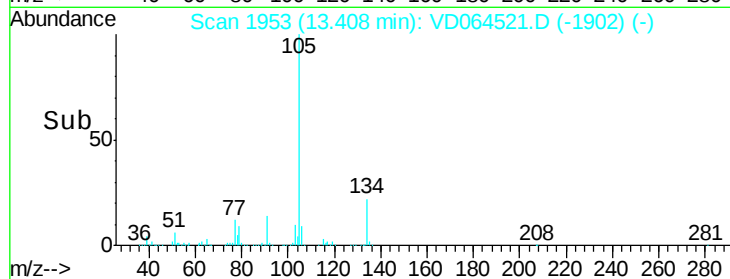
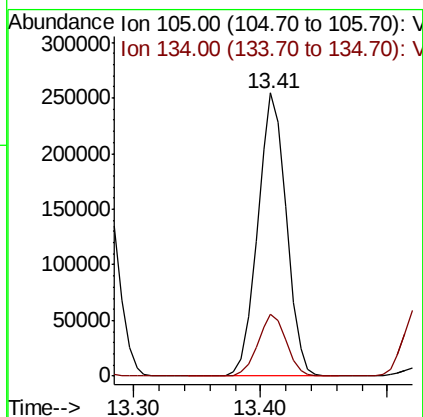
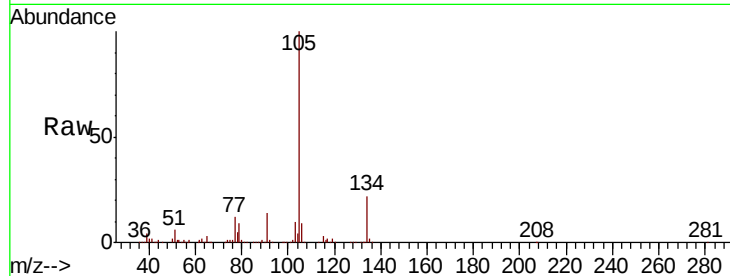




#85
 sec-Butylbenzene
 Concen: 21.531 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

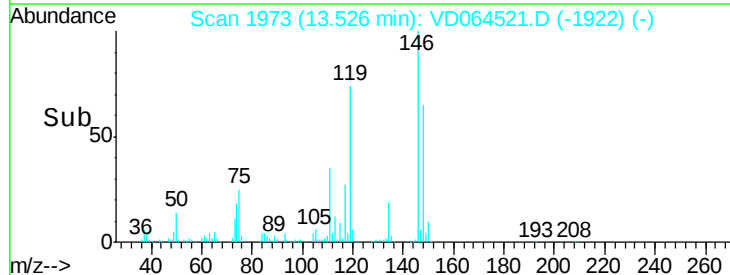
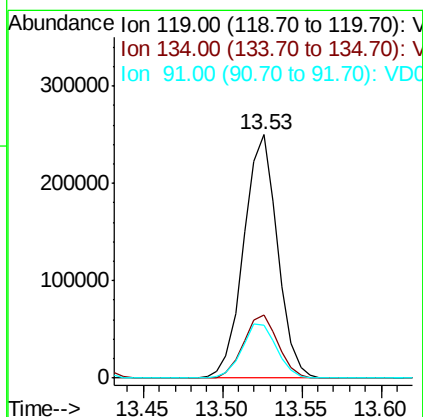
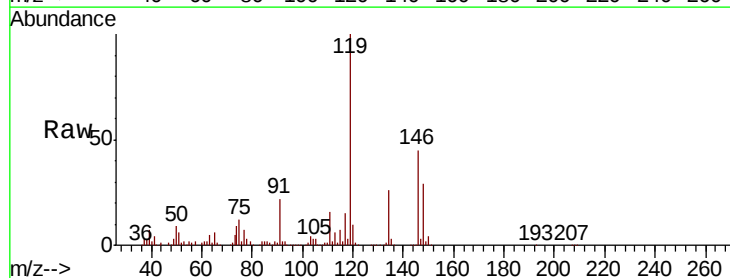
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBSD01

Tgt Ion:105 Resp: 400084
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 21.033 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion:119 Resp: 368992
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 22.8 11.2 33.5

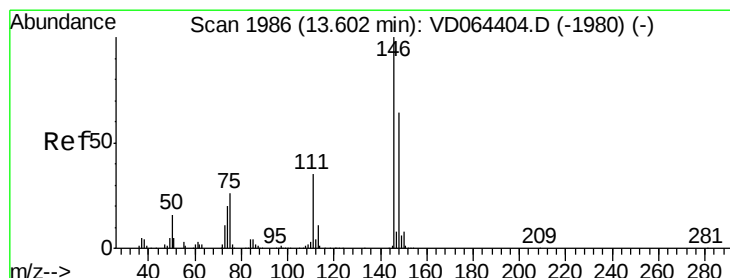
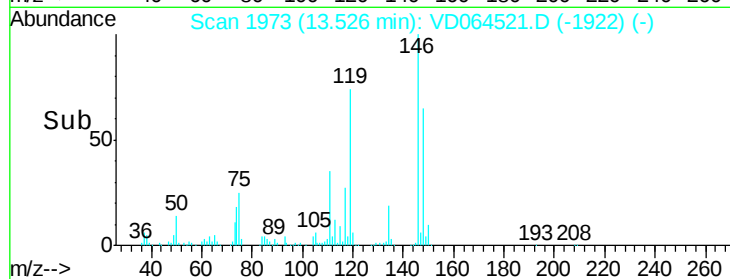
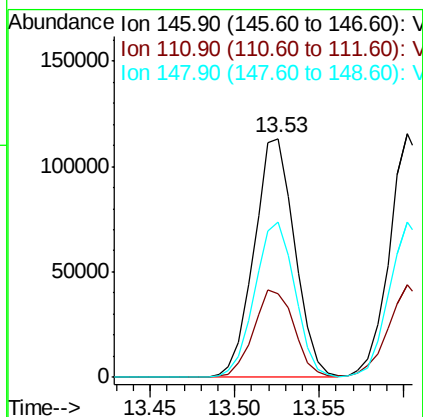
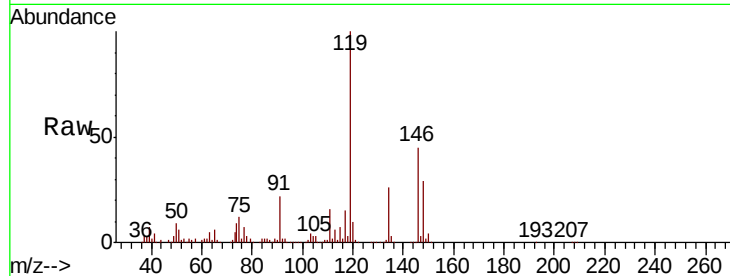




#87
 1,3-Dichlorobenzene
 Concen: 21.242 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

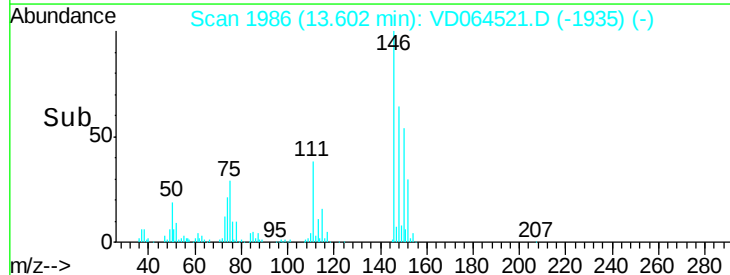
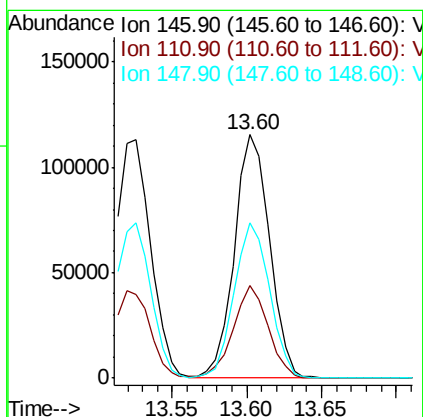
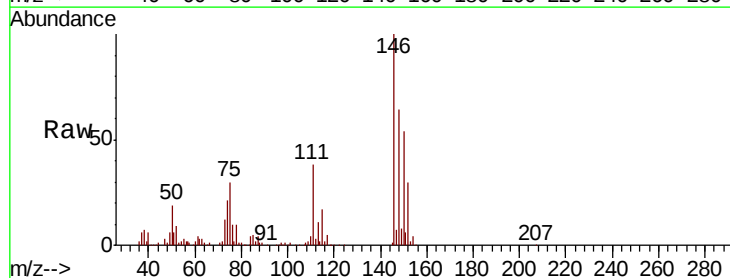
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01

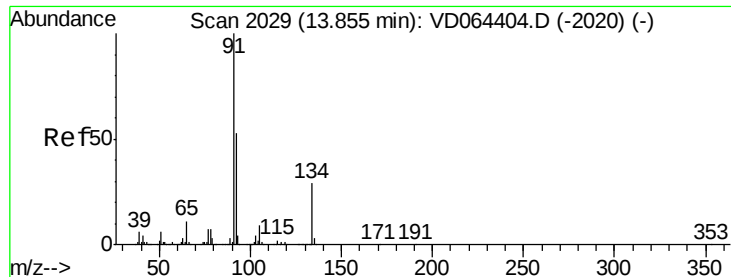
Tgt Ion:146 Resp: 189730
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.8 56.4
 148 64.2 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 21.522 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion:146 Resp: 189792
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.2 54.6
 148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 21.894 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

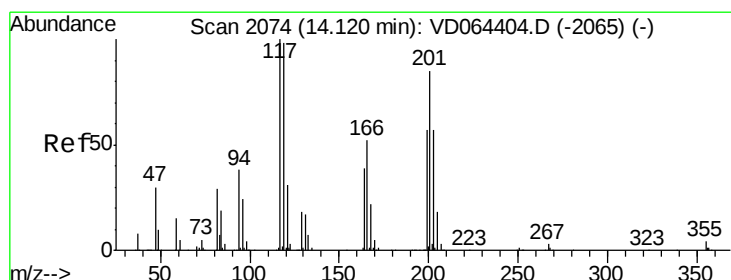
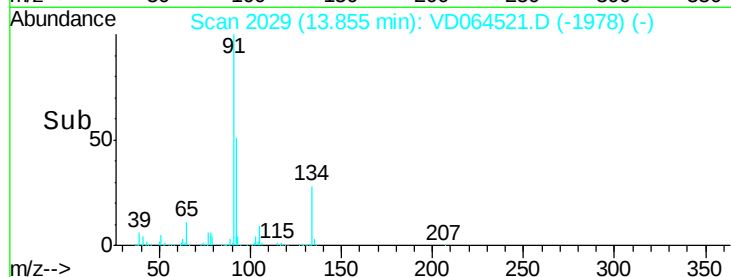
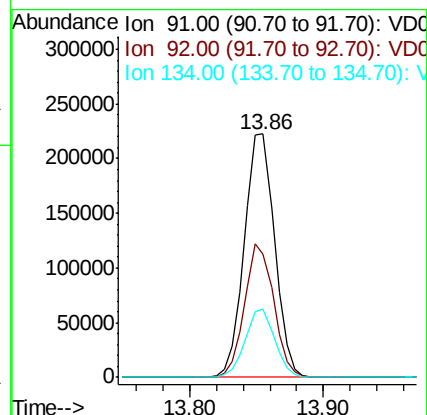
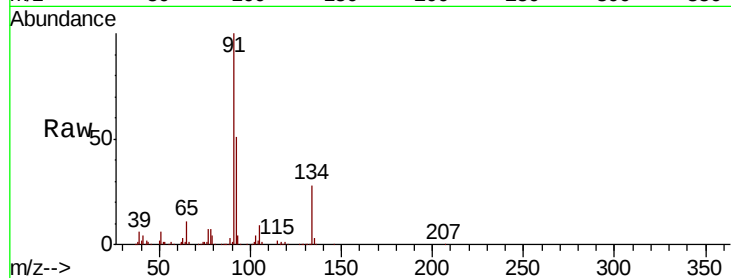
Tgt Ion: 91 Resp: 348807

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.4

134 27.2 13.9 41.7



#90

Hexachloroethane

Concen: 22.374 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD064521.D

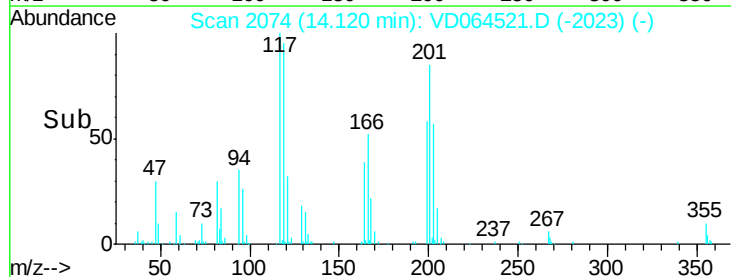
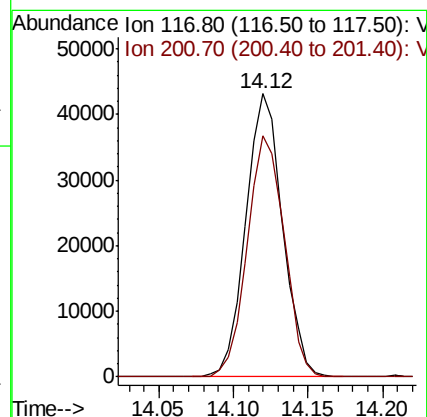
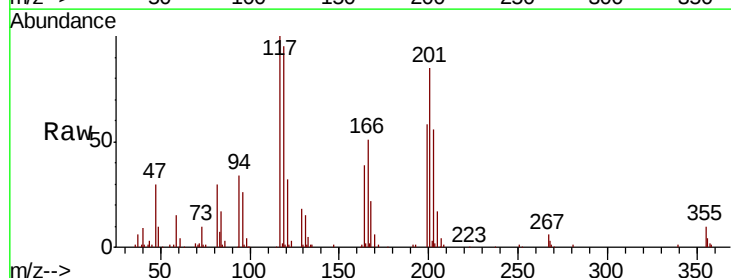
Acq: 16 Dec 2019 13:11

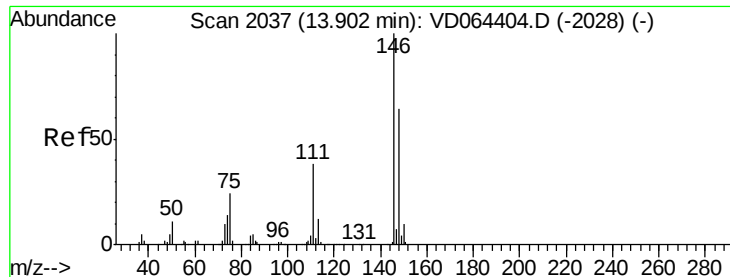
Tgt Ion: 117 Resp: 73414

Ion Ratio Lower Upper

117 100

201 85.4 44.3 132.8

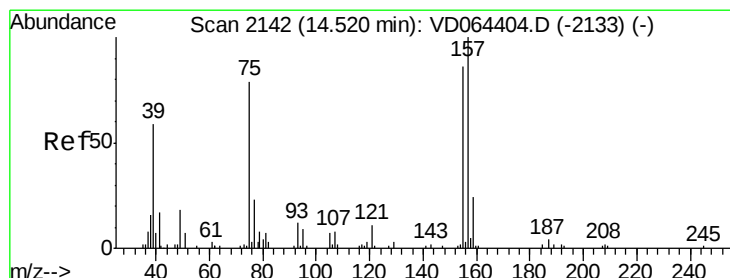
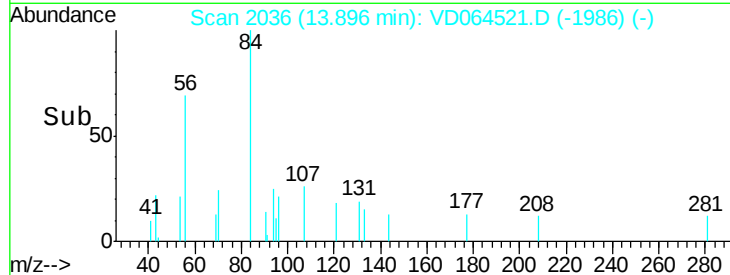
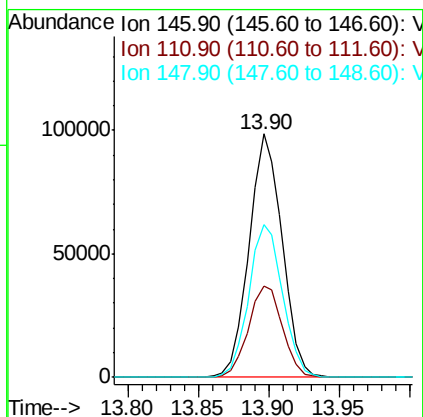
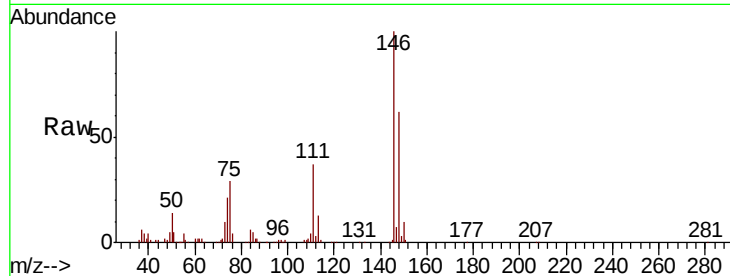




#91
 1,2-Dichlorobenzene
 Concen: 21.248 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

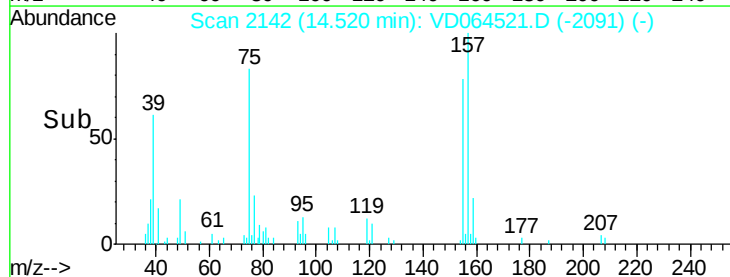
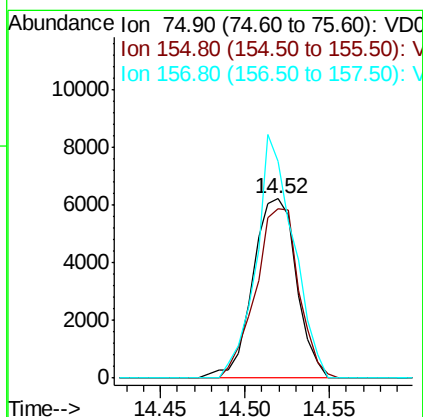
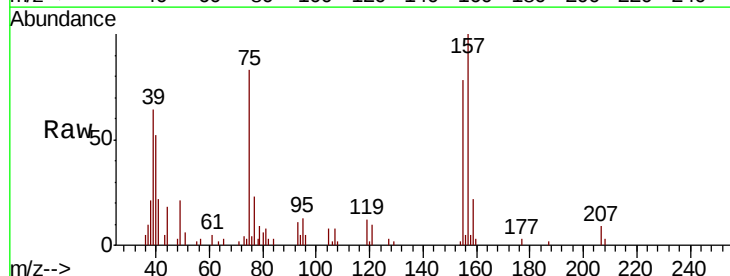
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBSD01

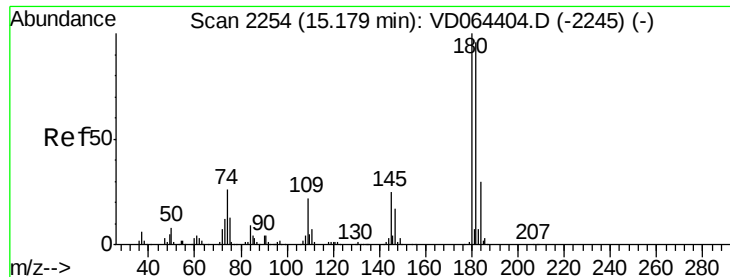
Tgt Ion: 146 Resp: 162194
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.1 57.3
 148 64.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.118 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion: 75 Resp: 11136
 Ion Ratio Lower Upper
 75 100
 155 93.9 51.9 155.7
 157 116.3 63.2 189.8

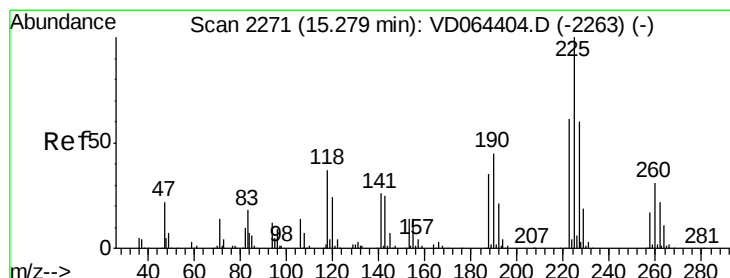
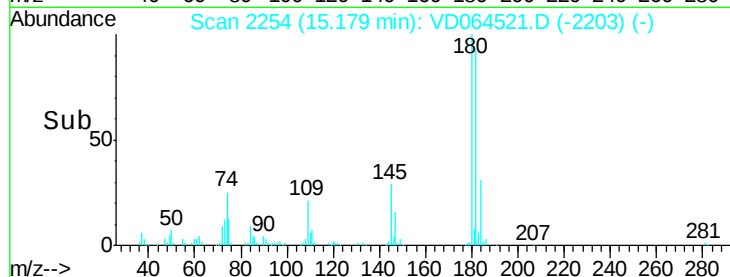
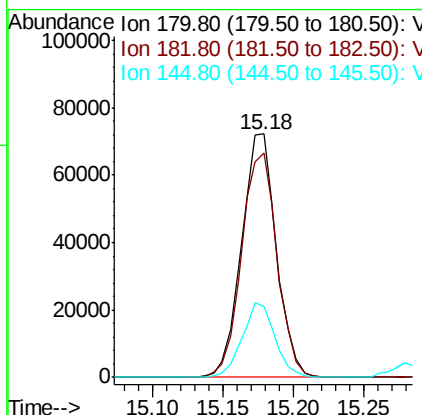
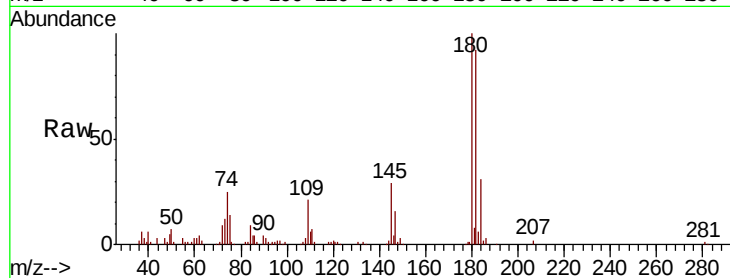




#93
 1,2,4-Trichlorobenzene
 Concen: 21.326 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

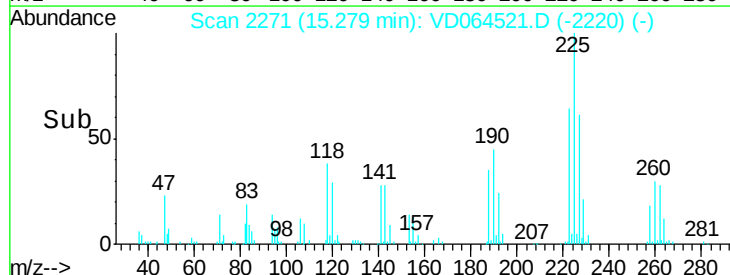
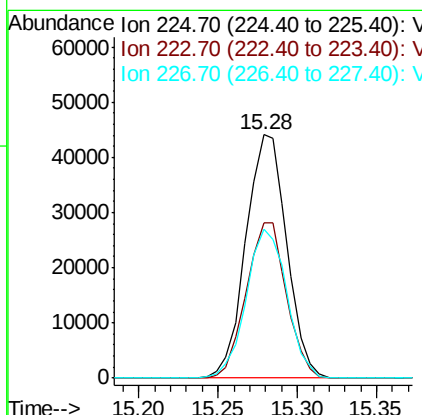
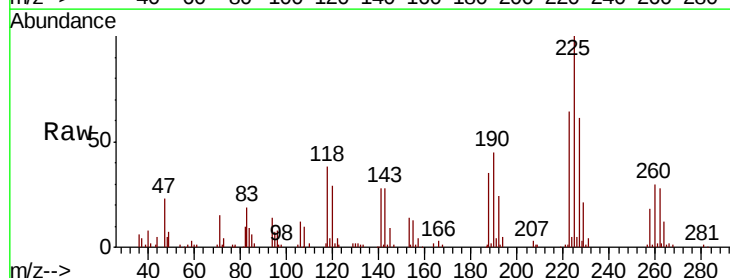
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBSD01

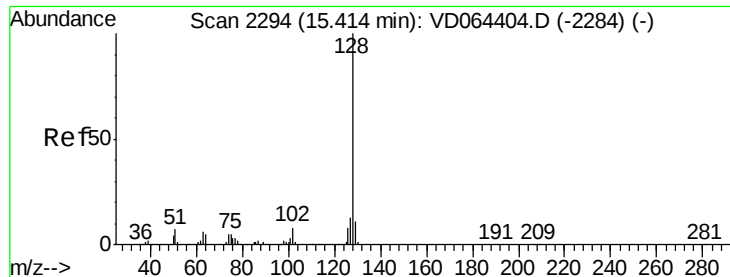
Tgt Ion:180 Resp: 124670
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.4 142.3
 145 28.9 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 21.835 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD064521.D
 Acq: 16 Dec 2019 13:11

Tgt Ion:225 Resp: 78804
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.1 93.3
 227 61.1 31.8 95.4





#95

Naphthalene

Concen: 21.150 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

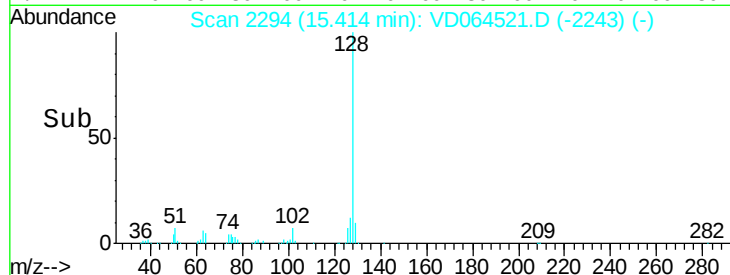
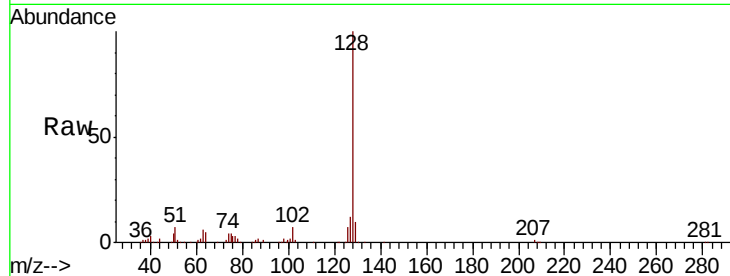
Tgt Ion:128 Resp: 206342

Ion Ratio Lower Upper

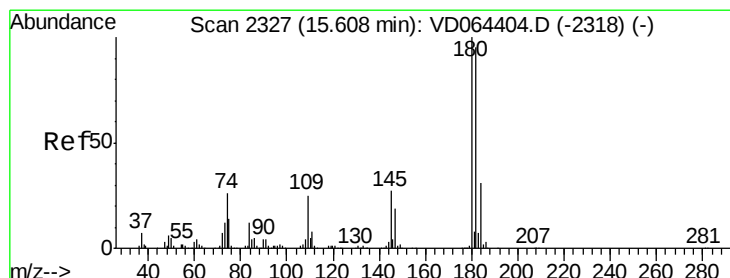
128 100

127 13.1 10.5 15.7

129 10.9 8.8 13.2



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 21.929 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. -0.00 min

Lab File: VD064521.D

Acq: 16 Dec 2019 13:11

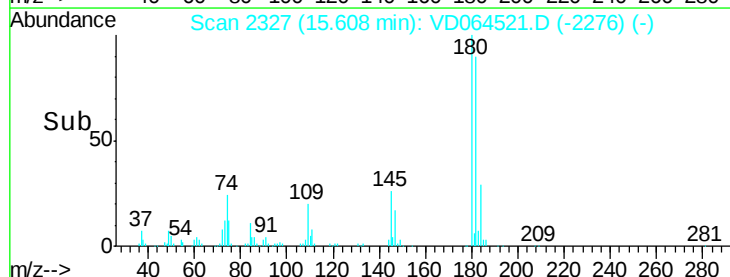
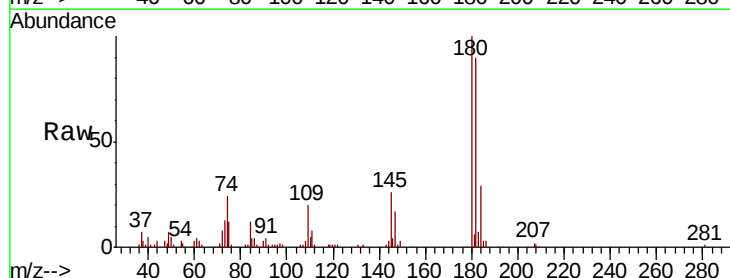
Tgt Ion:180 Resp: 109431

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 28.3 14.6 43.8



Time-->