

Data File : VD059850.D
Acq On : 21 Aug 2018 12:35
Operator : JC/SY
Sample : VD0821SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

Quant Time: Aug 22 01:08:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.60	168	1167873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.65	114	1630895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.66	117	1294234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	624546	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.97	65	461658	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	5.50	113	624159	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	8.67	98	1661655	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.91	95	627980	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	181365	18.031	ug/l	97
3) Chloromethane	1.46	50	140276	16.462	ug/l	100
4) Vinyl Chloride	1.54	62	119336	17.475	ug/l	97
5) Bromomethane	1.76	94	12559	13.995	ug/l	85
6) Chloroethane	1.85	64	25252	16.344	ug/l	94
7) Trichlorofluoromethane	2.06	101	127529	18.550	ug/l	98
8) Diethyl Ether	2.31	74	29055	18.907	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.52	101	93623	21.412	ug/l	97
10) Methyl Iodide	2.66	142	70448	14.498	ug/l	99
11) Tert butyl alcohol	3.22	59	29880	86.480	ug/l	96
12) 1,1-Dichloroethene	2.51	96	67739	18.928	ug/l	90
13) Acrolein	2.44	56	26820	76.541	ug/l	97
14) Allyl chloride	2.88	41	163405	17.871	ug/l	99
15) Acrylonitrile	3.33	53	149501	93.484	ug/l	97
16) Acetone	2.58	43	149635	95.517	ug/l	97
17) Carbon Disulfide	2.73	76	181889	15.264	ug/l	96
18) Methyl Acetate	2.89	43	52911	15.207	ug/l #	92
19) Methyl tert-butyl Ether	3.37	73	367320	18.176	ug/l	97
20) Methylene Chloride	3.03	84	81054	14.561	ug/l	92
21) trans-1,2-Dichloroethene	3.35	96	177783	17.629	ug/l	95
22) Diisopropyl ether	4.03	45	879086	18.821	ug/l	98
23) Vinyl Acetate	3.98	43	2404918	95.850	ug/l	100
24) 1,1-Dichloroethane	3.93	63	377866	18.397	ug/l	100
25) 2-Butanone	4.79	43	399736	84.417	ug/l	98
26) 2,2-Dichloropropane	4.75	77	317936	19.728	ug/l	99
27) cis-1,2-Dichloroethene	4.75	96	240317	19.658	ug/l	96
28) Bromochloromethane	5.10	49	200509	19.265	ug/l	99
29) Tetrahydrofuran	5.14	42	215195	89.755	ug/l	99
30) Chloroform	5.28	83	394860	19.480	ug/l	100
31) Cyclohexane	5.55	56	326791	16.827	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	324963	19.025	ug/l	99
36) 1,1-Dichloropropene	5.70	75	274469	19.844	ug/l	98
37) Ethyl Acetate	4.88	43	192746	18.799	ug/l	99
38) Carbon Tetrachloride	5.68	117	278063	20.143	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.24	83	277154	18.734	ug/l	97
40) Benzene	5.97	78	708504	19.772	ug/l	99
41) Methacrylonitrile	5.08	41	100789	19.189	ug/l	97
42) 1,2-Dichloroethane	6.08	62	223310	19.137	ug/l	99
43) Isopropyl Acetate	7.58	43	251862	17.760	ug/l #	96
44) Trichloroethene	6.94	130	208570	19.570	ug/l	98
45) 1,2-Dichloropropane	7.31	63	203961	19.383	ug/l	99
46) Dibromomethane	7.42	93	125132	19.100	ug/l	96
47) Bromodichloromethane	7.71	83	284198	19.647	ug/l	98
48) Methyl methacrylate	7.46	41	141186	18.051	ug/l	97
49) 1,4-Dioxane	7.45	88	26123	394.669	ug/l	100
51) 4-Methyl-2-Pentanone	8.56	43	820635	86.555	ug/l	98
52) Toluene	8.76	92	457037	20.170	ug/l	97
53) t-1,3-Dichloropropene	9.15	75	257017	19.506	ug/l	98
54) cis-1,3-Dichloropropene	8.33	75	295979	18.756	ug/l	100
55) 1,1,2-Trichloroethane	9.42	97	165120	20.186	ug/l	97
56) Ethyl methacrylate	9.27	69	179846	19.067	ug/l	98
57) 1,3-Dichloropropane	9.63	76	232089	19.406	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.15	63	513236	93.345	ug/l	97
59) 2-Hexanone	9.75	43	617255	88.078	ug/l	100
60) Dibromochloromethane	9.92	129	204055	19.373	ug/l	97
61) 1,2-Dibromoethane	10.06	107	164454	18.815	ug/l	98
64) Tetrachloroethene	9.48	164	188398	19.881	ug/l	97
65) Chlorobenzene	10.69	112	518170	20.759	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.82	131	183235	21.508	ug/l	98
67) Ethyl Benzene	10.83	91	869923	19.434	ug/l	97
68) m/p-Xylenes	10.98	106	636512	38.779	ug/l	96
69) o-Xylene	11.38	106	316955	21.914	ug/l	99
70) Styrene	11.41	104	545837	21.673	ug/l	98
71) Bromoform	11.57	173	147986	19.330	ug/l	98
73) Isopropylbenzene	11.75	105	856641	20.127	ug/l	100
74) N-amyl acetate	11.62	43	338100	17.740	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.06	83	180331	17.975	ug/l	99
76) 1,2,3-Trichloropropane	12.09	75	185900	17.992	ug/l	99
77) Bromobenzene	12.02	156	231866	19.599	ug/l	90
78) n-propylbenzene	12.14	91	1102069	20.847	ug/l	99
79) 2-Chlorotoluene	12.19	91	590090	19.389	ug/l	99
80) 1,3,5-Trimethylbenzene	12.30	105	664762	18.953	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.82	75	54982	17.022	ug/l	93
82) 4-Chlorotoluene	12.30	91	671107	19.385	ug/l	97
83) tert-Butylbenzene	12.56	119	738450	21.995	ug/l	96
84) 1,2,4-Trimethylbenzene	12.61	105	690221	19.708	ug/l	99
85) sec-Butylbenzene	12.74	105	919453	20.649	ug/l	98
86) p-Isopropyltoluene	12.86	119	704735	20.176	ug/l	99
87) 1,3-Dichlorobenzene	12.82	146	408300	20.501	ug/l	96
88) 1,4-Dichlorobenzene	12.90	146	415769	21.061	ug/l	96
89) n-Butylbenzene	13.18	91	726989	19.041	ug/l	100
90) Hexachloroethane	13.38	117	186972	18.761	ug/l	73
91) 1,2-Dichlorobenzene	13.17	146	347045	19.891	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.75	75	25578	17.128	ug/l	62

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082118\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.32	180	292812	20.478	ug/l	100
94) Hexachlorobutadiene	14.42	225	197082	20.487	ug/l	96
95) Naphthalene	14.50	128	438576	18.775	ug/l	100
96) 1,2,3-Trichlorobenzene	14.64	180	250838	20.017	ug/l	97

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

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Operator : JC/SY

Sample : VD0821SBS01

Misc : 5.00g/5ml/MSVOA_D/SOIL

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ALS Vial      : 4      Sample Multiplier: 1
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Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

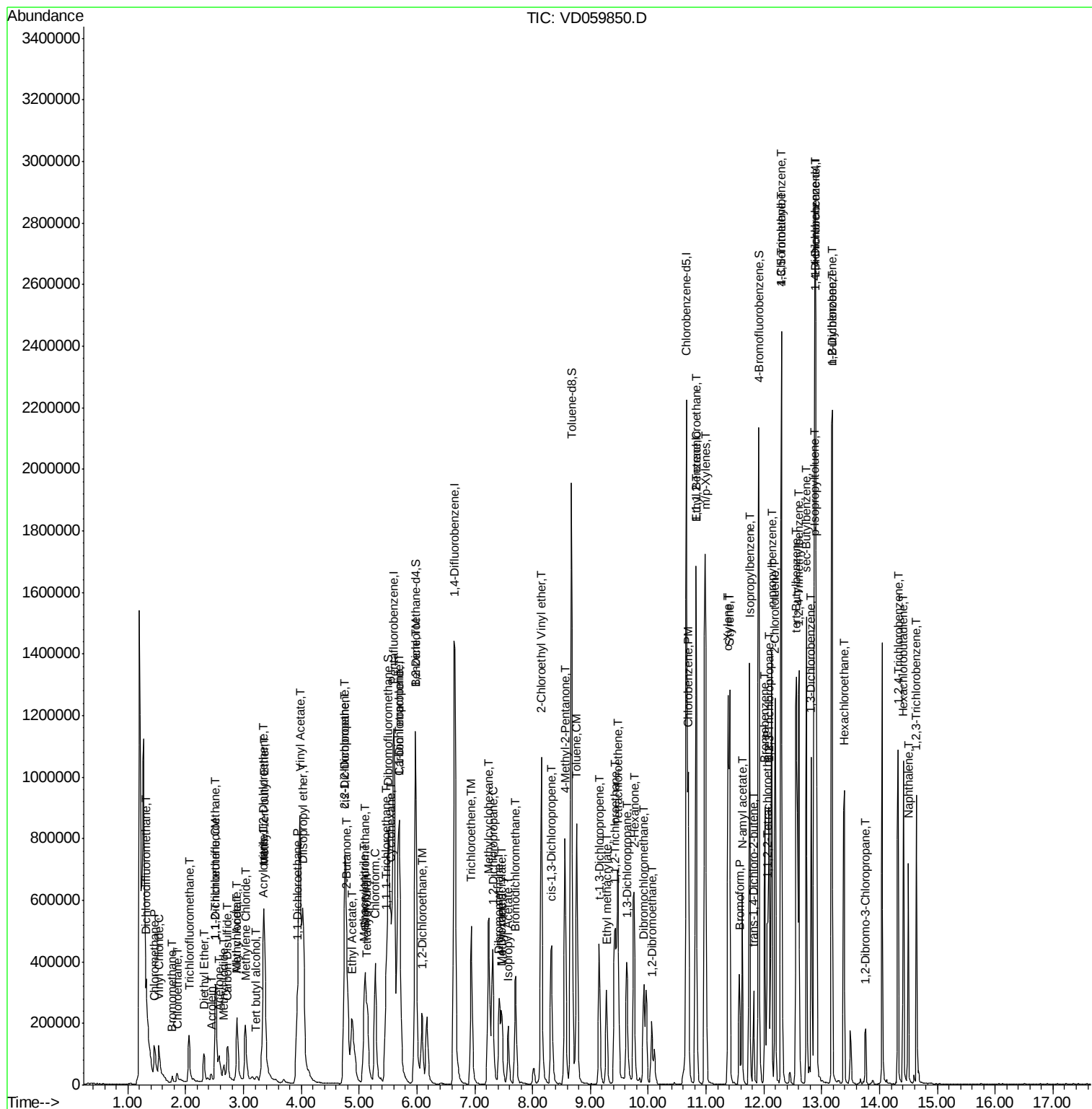
Quant Time: Aug 22 01:08:16 2018

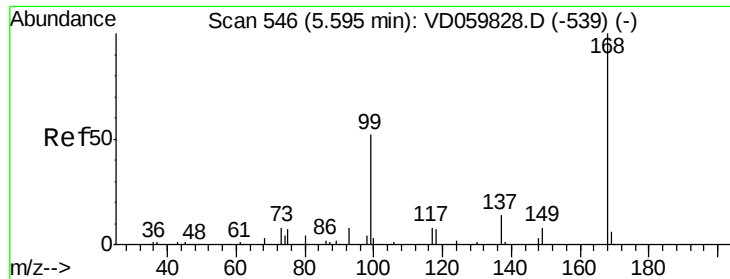
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Quant Title : SW846 8260

QLast Update : Tue Aug 21 04:40:12 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 546

Delta R.T. 0.01 min

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Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

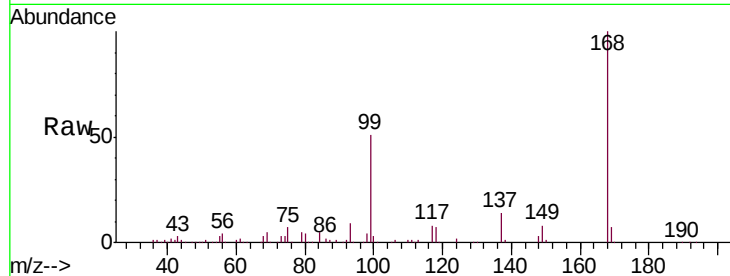
VD0821SBS01

Tgt Ion:168 Resp: 1167873

Ion Ratio Lower Upper

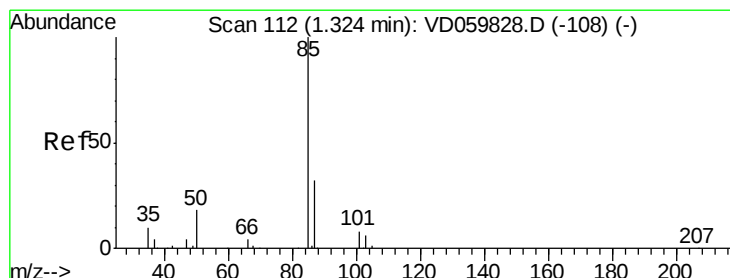
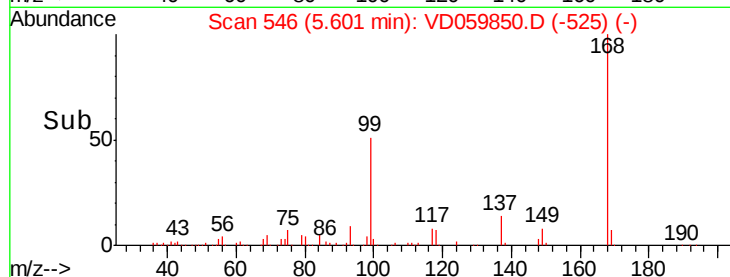
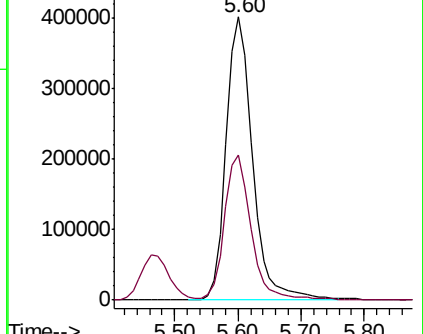
168 100

99 51.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 18.031 ug/l

RT: 1.32 min Scan# 111

Delta R.T. -0.00 min

Lab File: VD059850.D

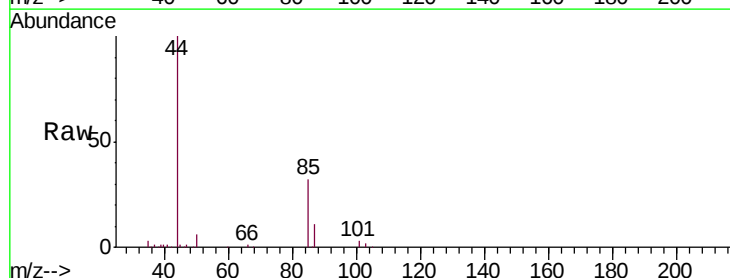
Acq: 21 Aug 2018 12:35

Tgt Ion: 85 Resp: 181365

Ion Ratio Lower Upper

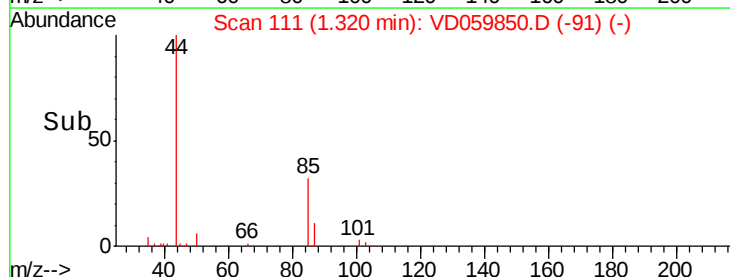
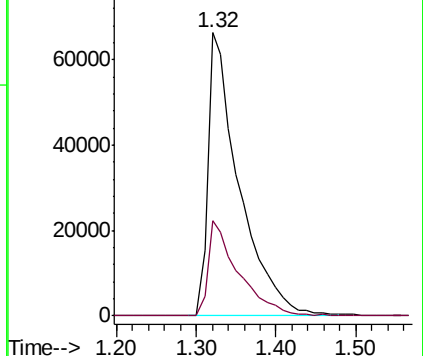
85 100

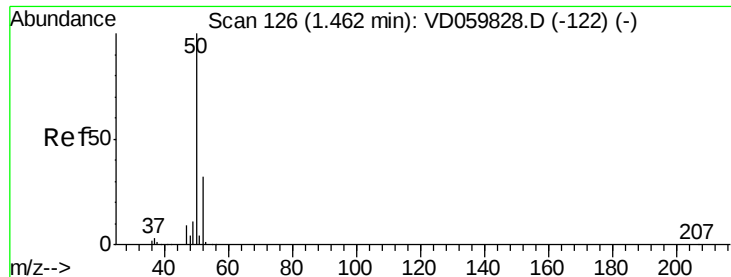
87 33.8 16.1 48.3



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 16.462 ug/l

RT: 1.46 min Scan# 125

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

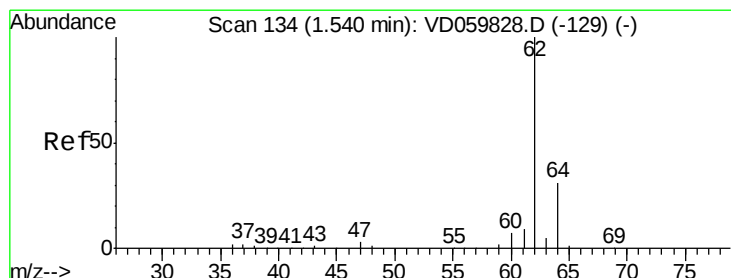
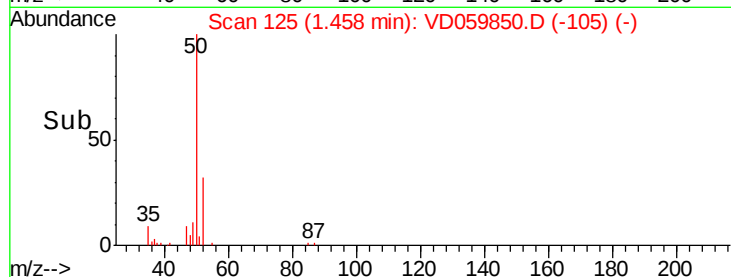
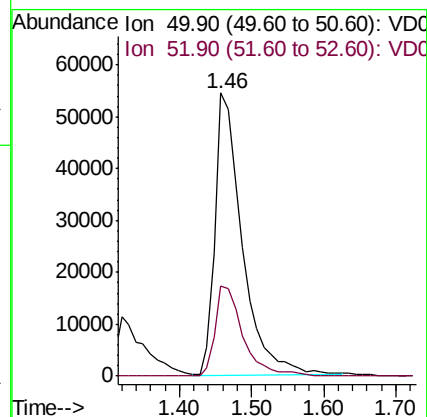
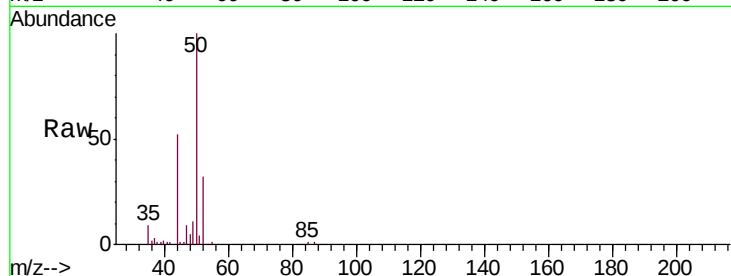
VD0821SBS01

Tgt Ion: 50 Resp: 140276

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 17.475 ug/l

RT: 1.54 min Scan# 133

Delta R.T. -0.00 min

Lab File: VD059850.D

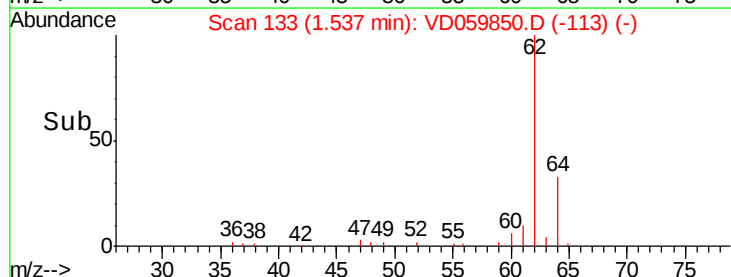
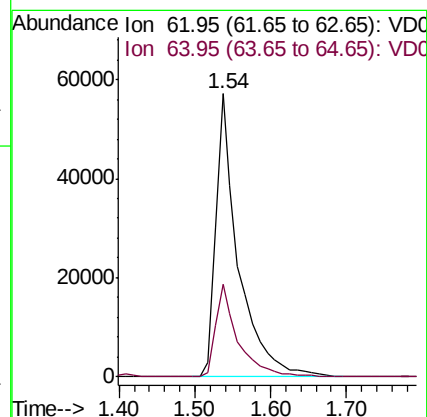
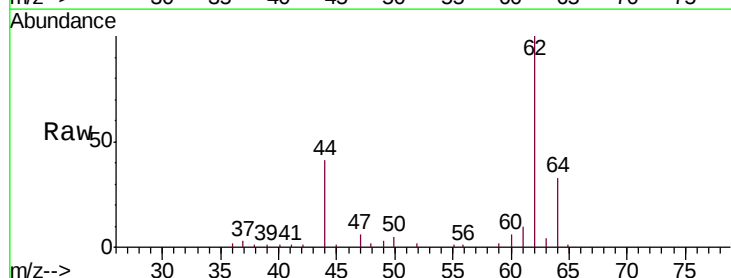
Acq: 21 Aug 2018 12:35

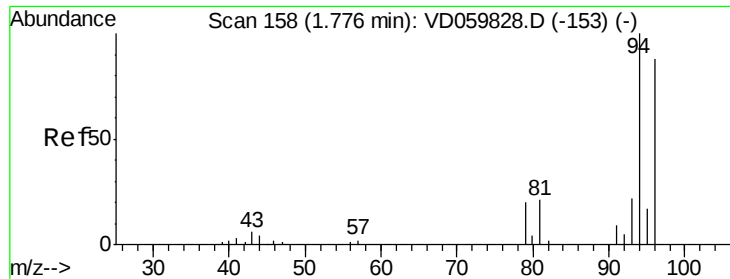
Tgt Ion: 62 Resp: 119336

Ion Ratio Lower Upper

62 100

64 32.8 25.0 37.6

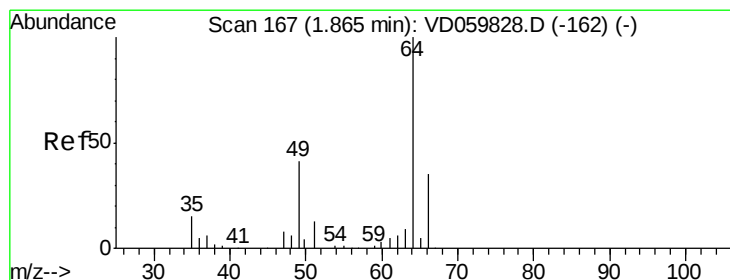
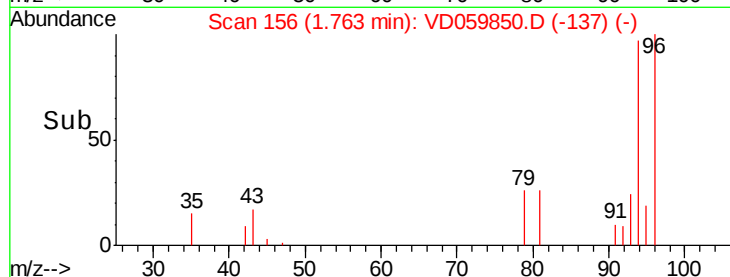
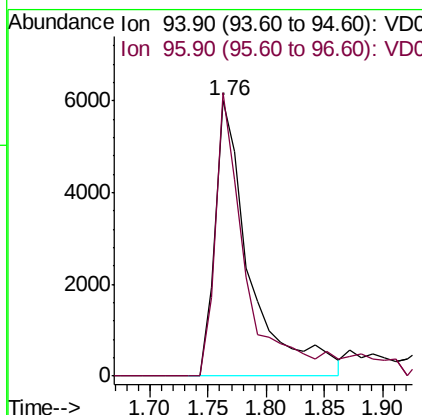
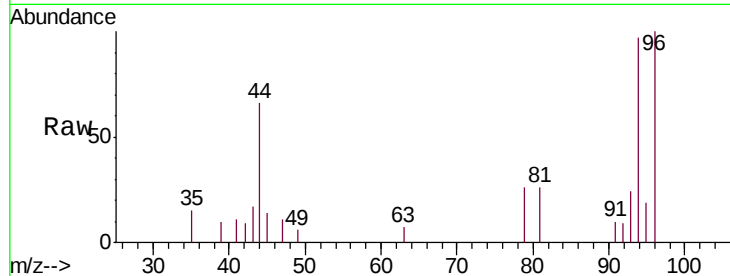




#5
Bromomethane
Concen: 13.995 ug/l
RT: 1.76 min Scan# 156
Delta R.T. -0.01 min
Lab File: VD059850.D
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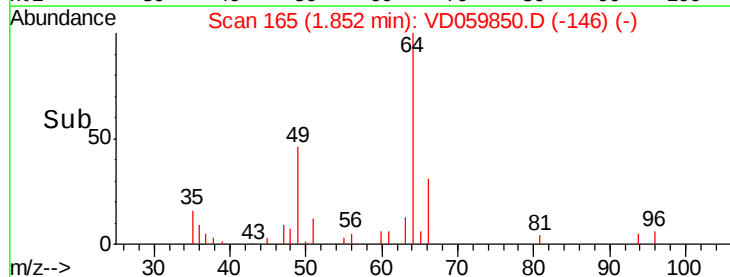
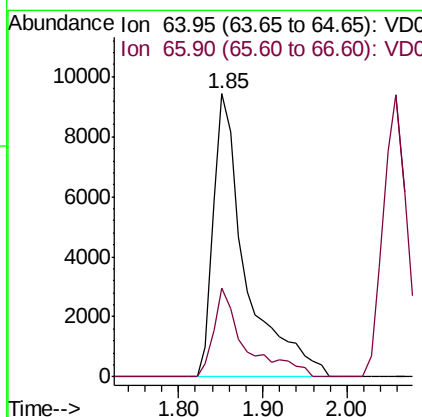
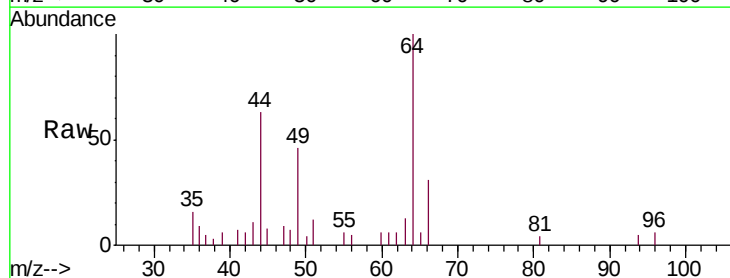
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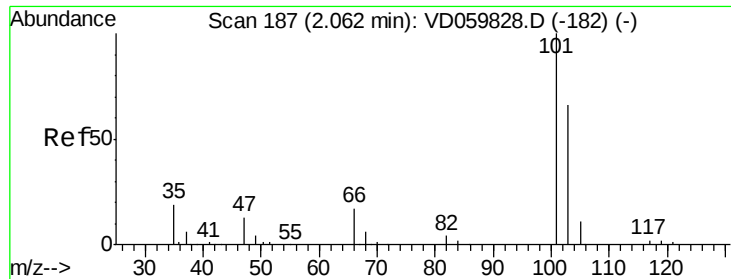
Tgt Ion: 94 Resp: 12559
Ion Ratio Lower Upper
94 100
96 102.8 70.8 106.2



#6
Chloroethane
Concen: 16.344 ug/l
RT: 1.85 min Scan# 165
Delta R.T. -0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Tgt Ion: 64 Resp: 25252
Ion Ratio Lower Upper
64 100
66 31.2 27.9 41.9



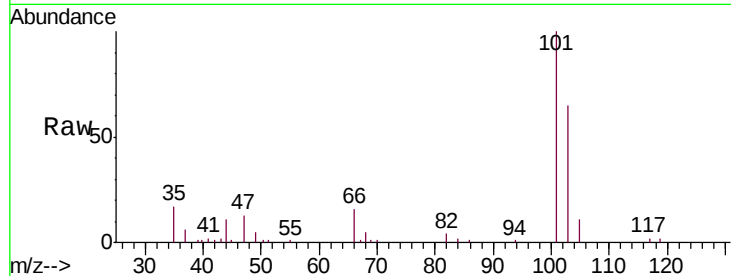


#7

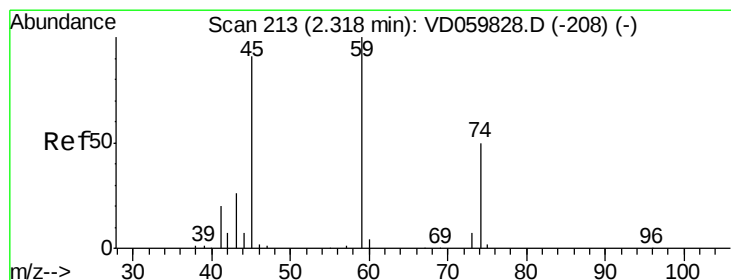
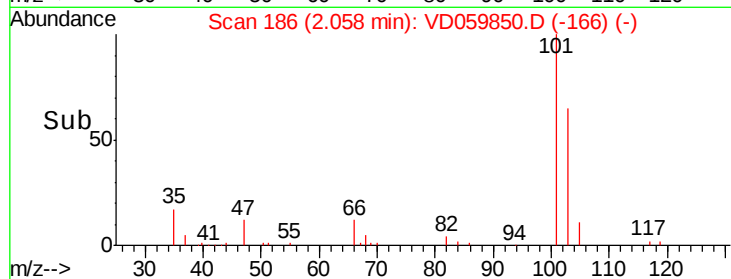
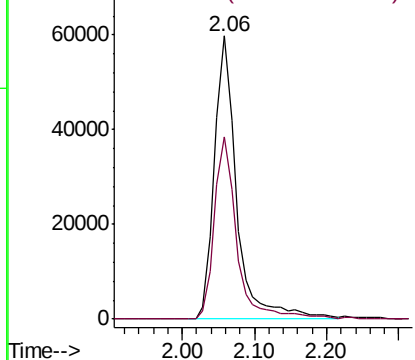
Trichlorofluoromethane
 Concen: 18.550 ug/l
 RT: 2.06 min Scan# 186
 Delta R.T. -0.00 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

Tgt Ion:101 Resp: 127529
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.0 79.4



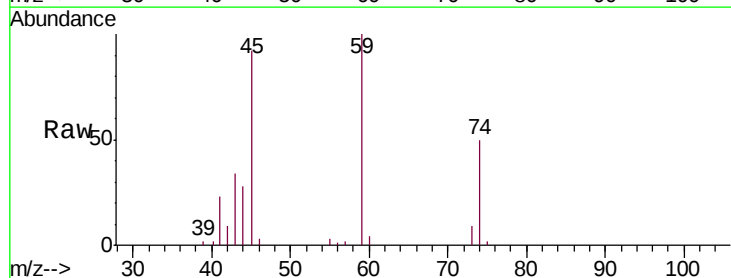
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



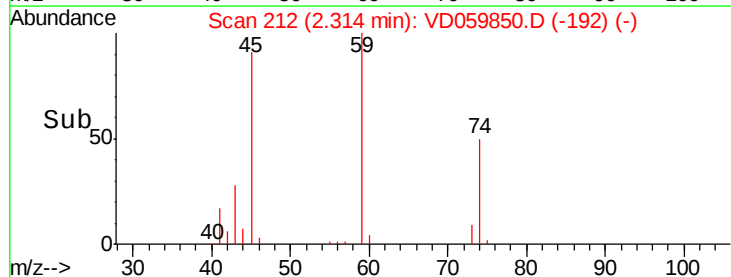
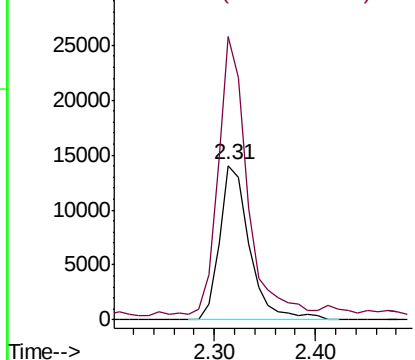
#8

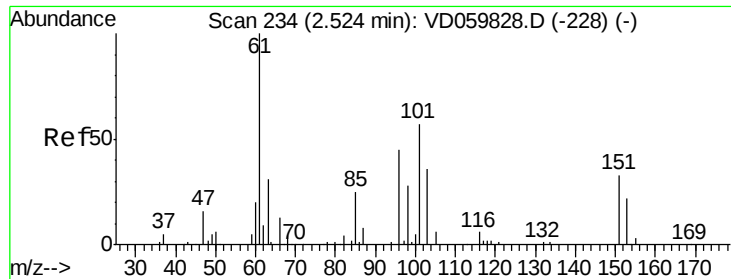
Diethyl Ether
 Concen: 18.907 ug/l
 RT: 2.31 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VD059850.D
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Tgt Ion: 74 Resp: 29055
 Ion Ratio Lower Upper
 74 100
 45 183.2 90.6 271.9



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.412 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

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MSVOA_D

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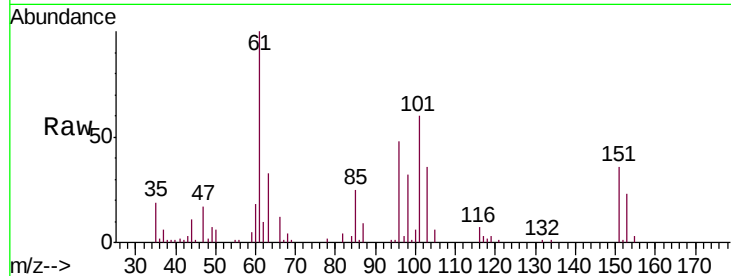
Tgt Ion:101 Resp: 93623

Ion Ratio Lower Upper

101 100

85 42.5 35.7 53.5

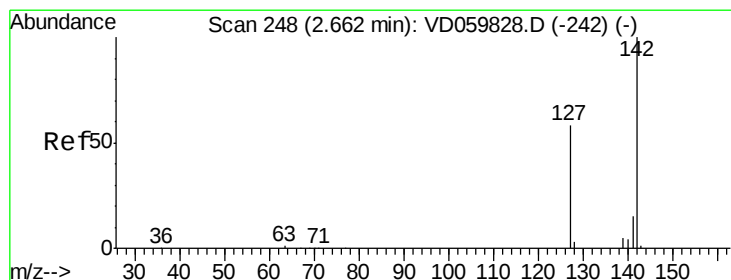
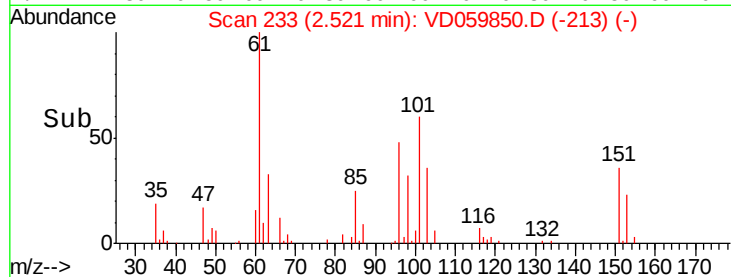
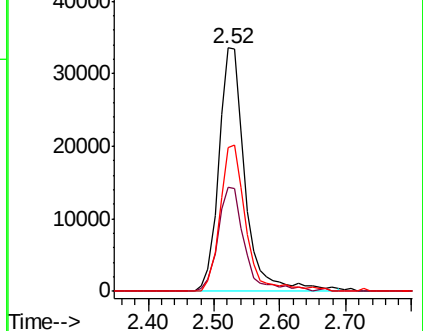
151 59.2 45.8 68.6



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 14.498 ug/l

RT: 2.66 min Scan# 247

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

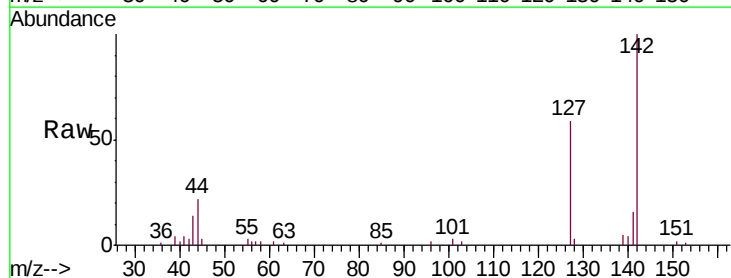
Tgt Ion:142 Resp: 70448

Ion Ratio Lower Upper

142 100

127 59.0 46.6 69.8

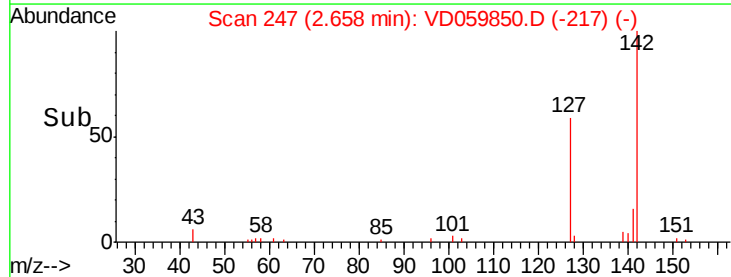
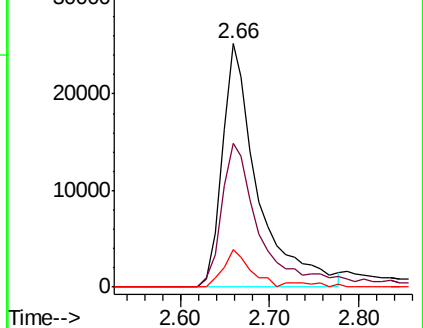
141 15.6 11.7 17.5

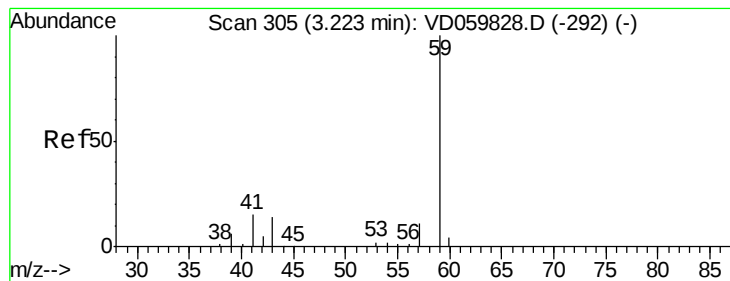


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 86.480 ug/l

RT: 3.22 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

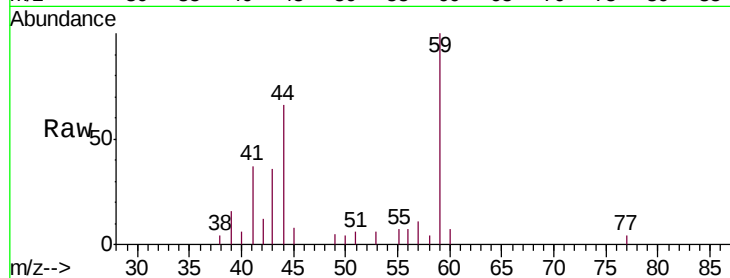
VD0821SBS01

Tgt Ion: 59 Resp: 29880

Ion Ratio Lower Upper

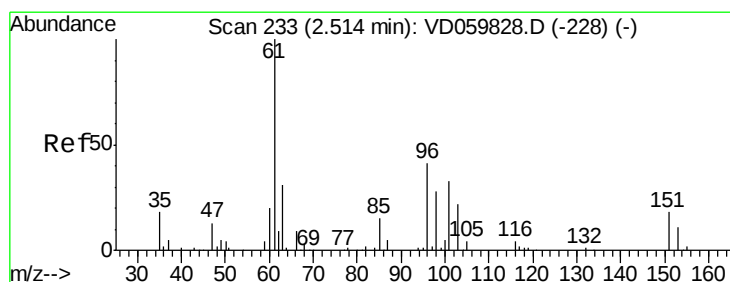
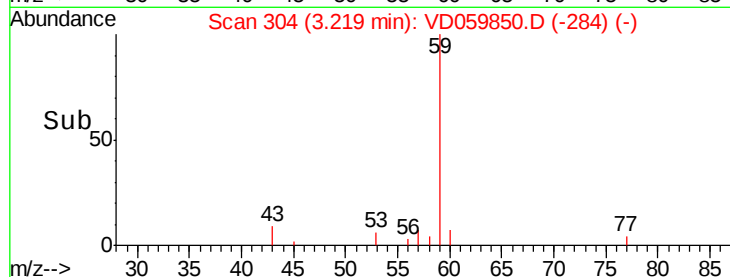
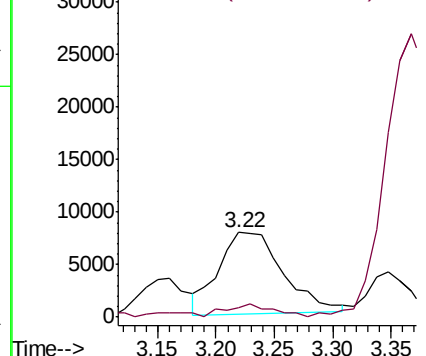
59 100

57 11.3 10.3 15.5



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#12

1,1-Dichloroethene

Concen: 18.928 ug/l

RT: 2.51 min Scan# 232

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

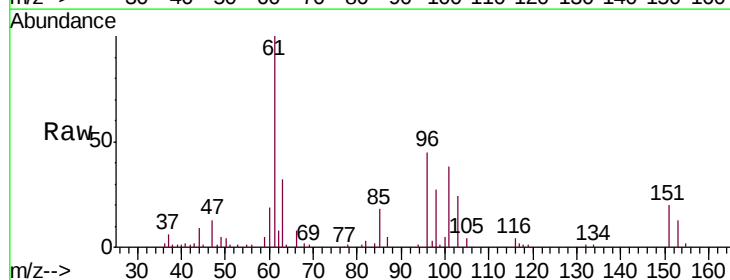
Tgt Ion: 96 Resp: 67739

Ion Ratio Lower Upper

96 100

61 224.1 194.0 291.0

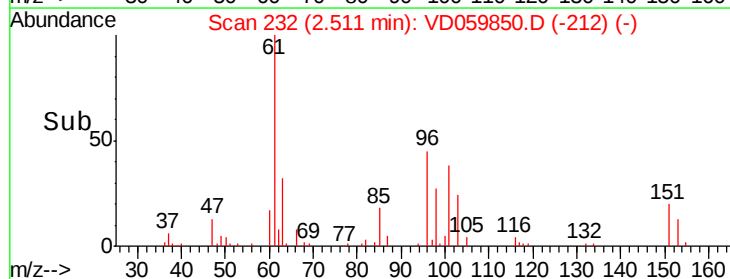
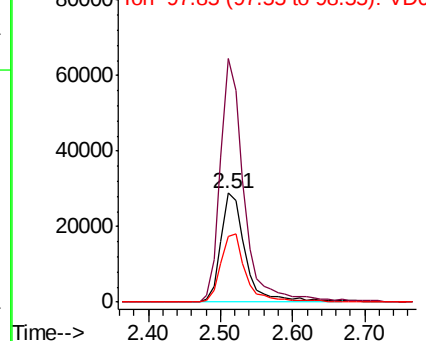
98 60.5 53.4 80.0

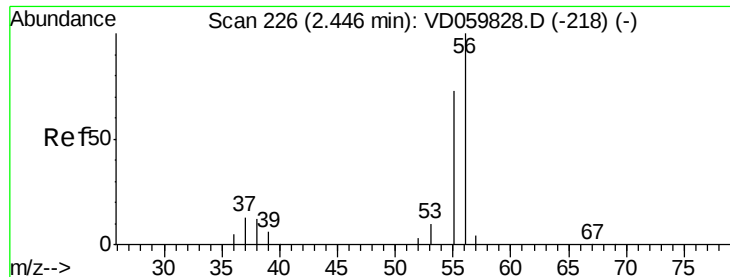


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 76.541 ug/l

RT: 2.44 min Scan# 225

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

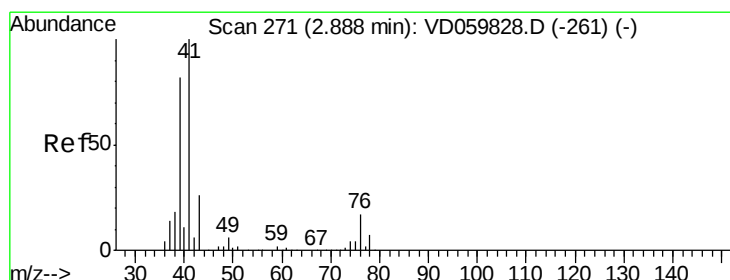
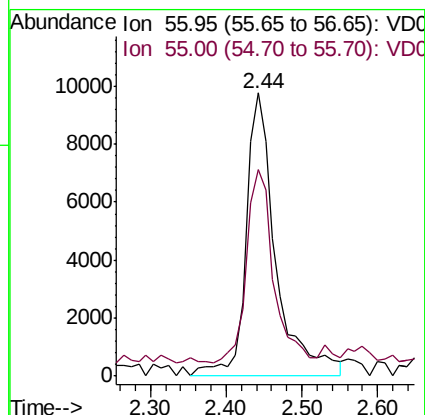
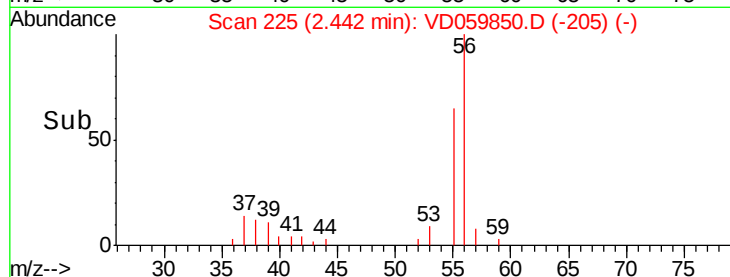
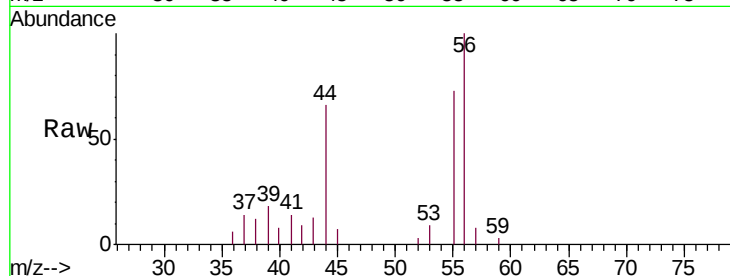
VD0821SBS01

Tgt Ion: 56 Resp: 26820

Ion Ratio Lower Upper

56 100

55 73.2 60.4 90.6



#14

Allyl chloride

Concen: 17.871 ug/l

RT: 2.88 min Scan# 270

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

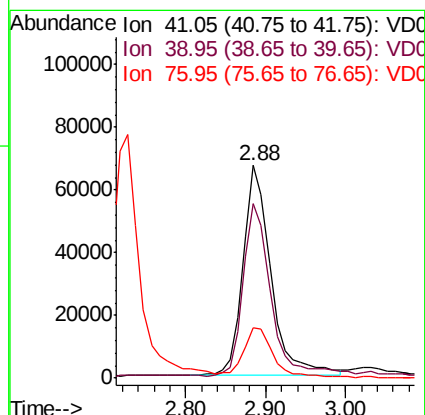
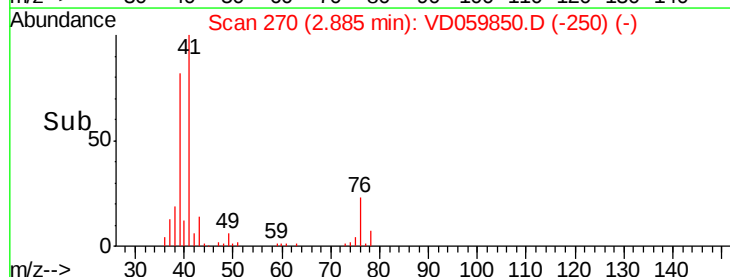
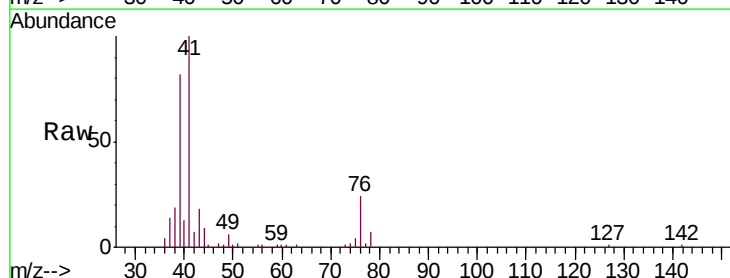
Tgt Ion: 41 Resp: 163405

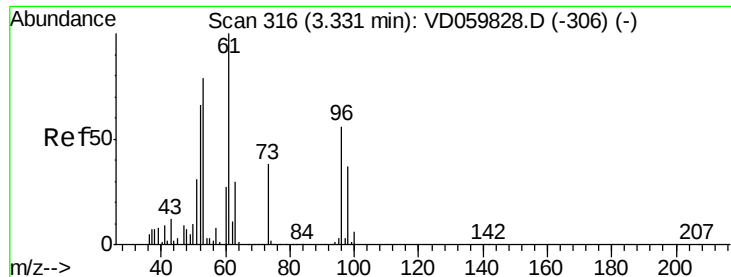
Ion Ratio Lower Upper

41 100

39 81.9 65.9 98.9

76 23.7 19.9 29.9





#15

Acrylonitrile

Concen: 93.484 ug/l

RT: 3.33 min Scan# 315

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

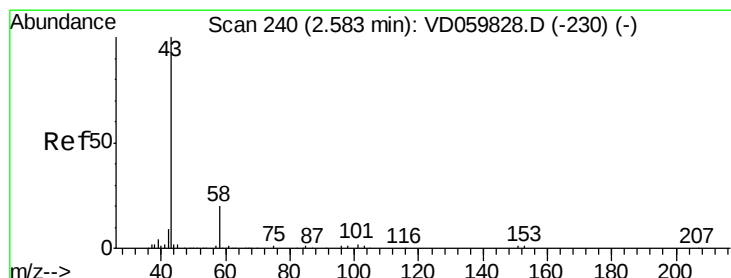
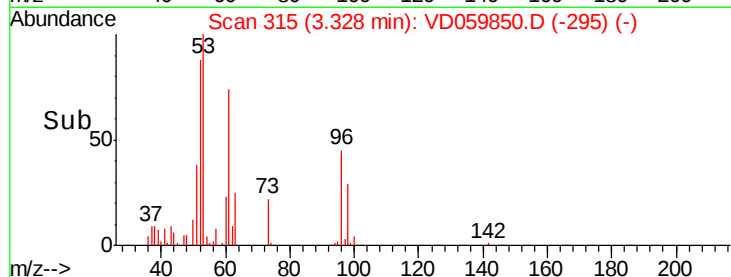
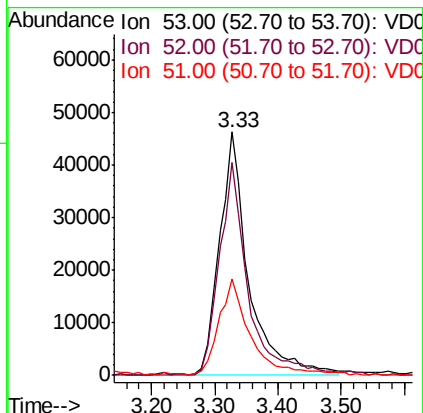
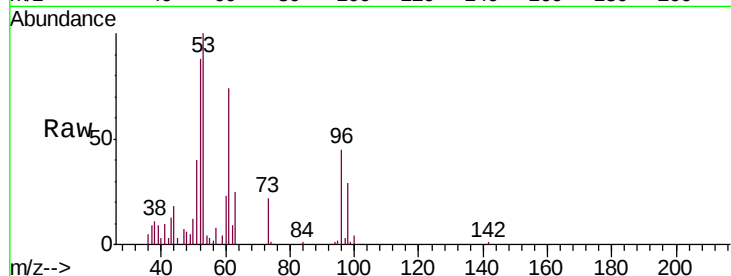
Tgt Ion: 53 Resp: 149501

Ion Ratio Lower Upper

53 100

52 87.5 66.8 100.2

51 39.8 31.6 47.4



#16

Acetone

Concen: 95.517 ug/l

RT: 2.58 min Scan# 239

Delta R.T. -0.00 min

Lab File: VD059850.D

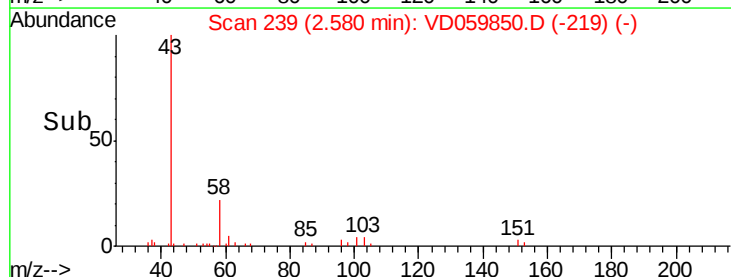
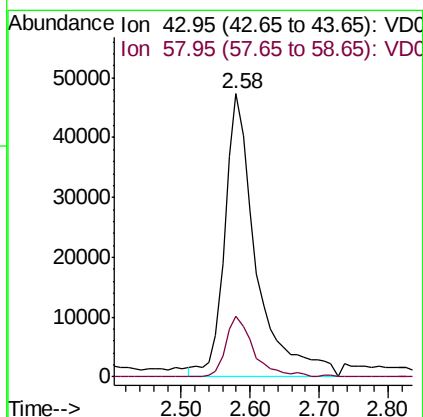
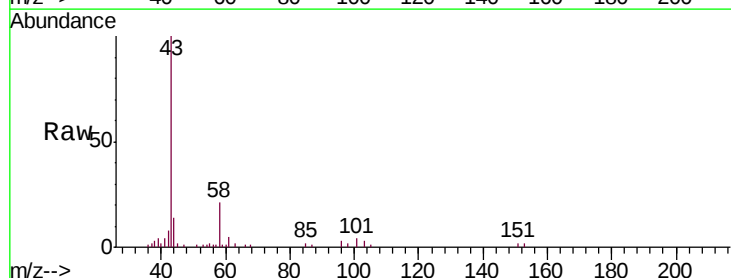
Acq: 21 Aug 2018 12:35

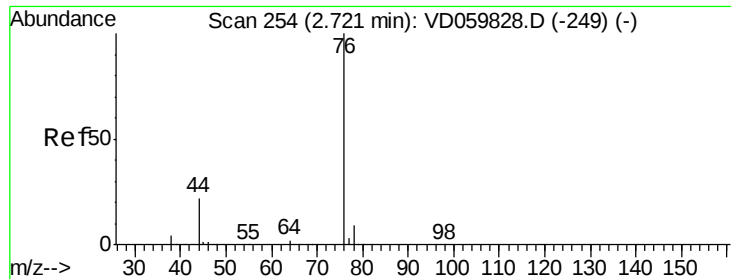
Tgt Ion: 43 Resp: 149635

Ion Ratio Lower Upper

43 100

58 21.4 16.2 24.2

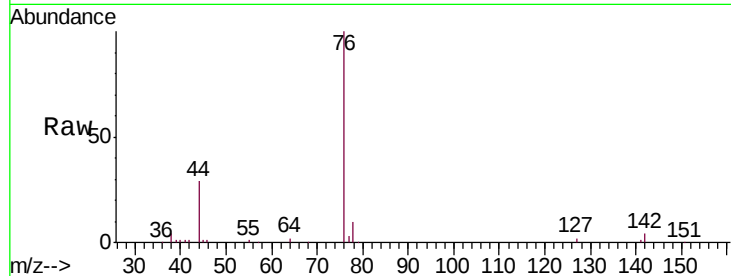




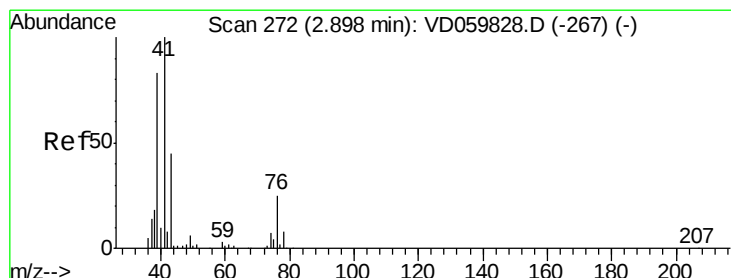
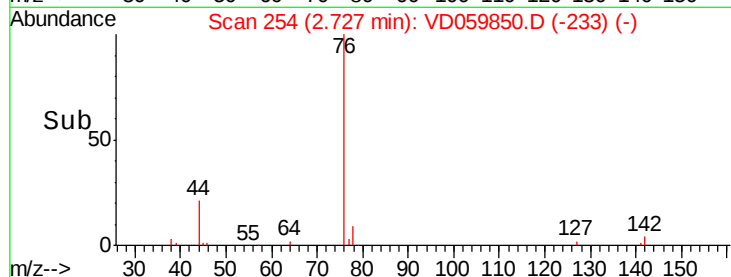
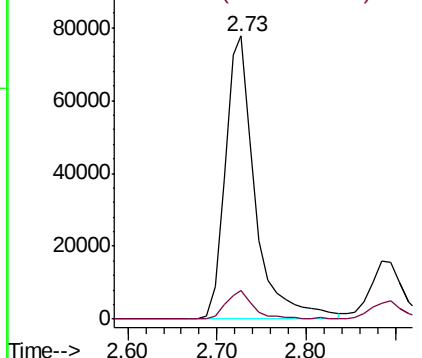
#17
Carbon Disulfide
Concen: 15.264 ug/l
RT: 2.73 min Scan# 254
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

Tgt Ion: 76 Resp: 181889
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6

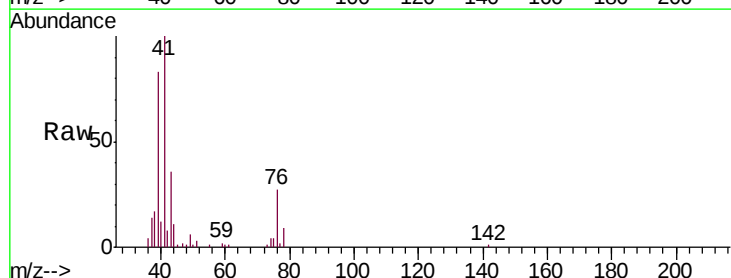


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

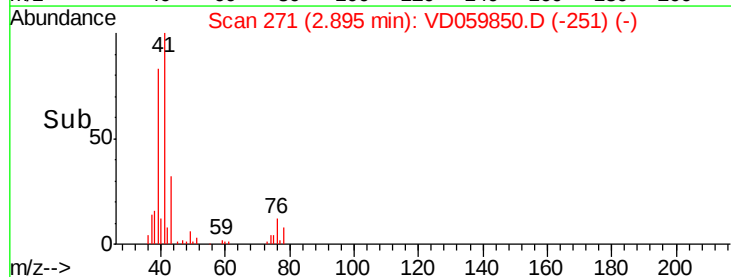
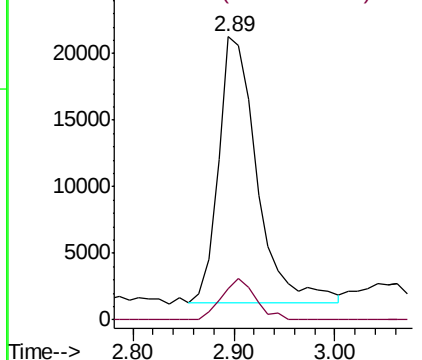


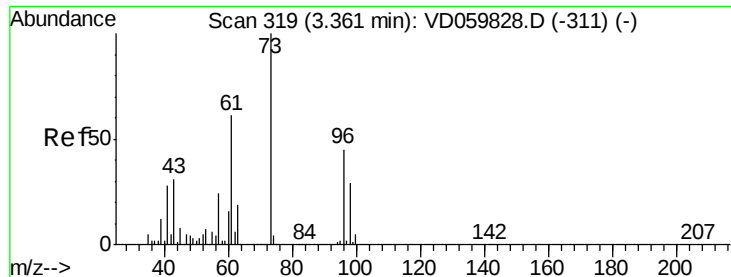
#18
Methyl Acetate
Concen: 15.207 ug/l
RT: 2.89 min Scan# 271
Delta R.T. -0.00 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Tgt Ion: 43 Resp: 52911
Ion Ratio Lower Upper
43 100
74 11.1 11.4 17.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

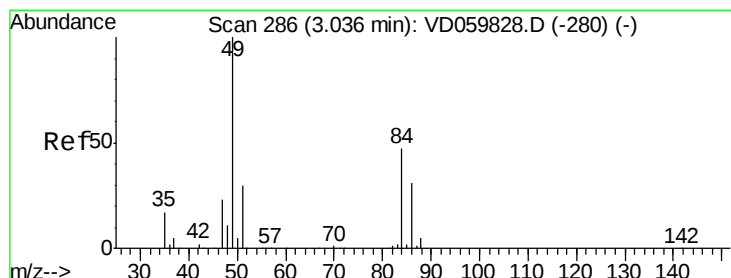
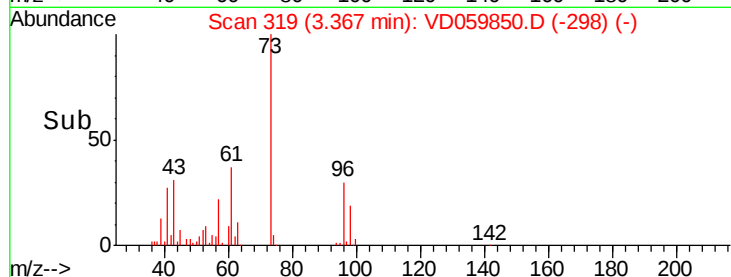
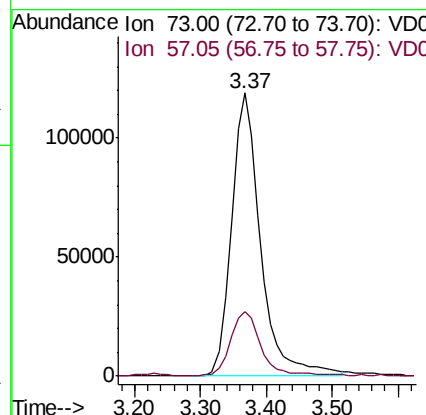
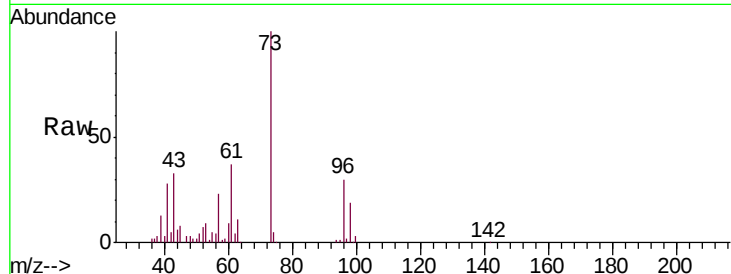




#19
Methyl tert-butyl Ether
Concen: 18.176 ug/l
RT: 3.37 min Scan# 319
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

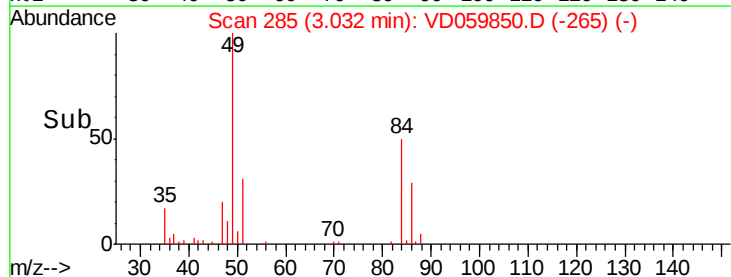
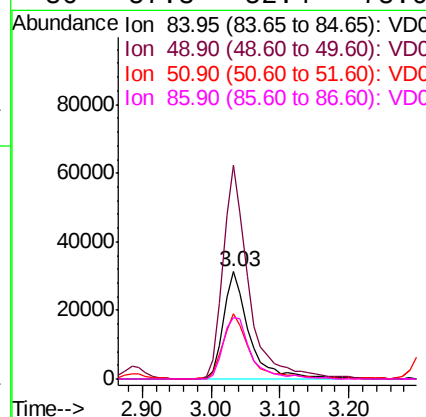
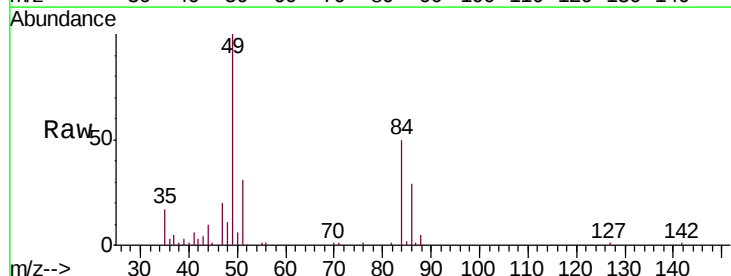
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

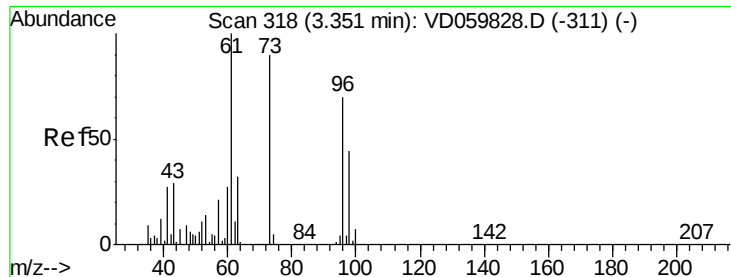
Tgt Ion: 73 Resp: 367320
Ion Ratio Lower Upper
73 100
57 22.7 19.4 29.0



#20
Methylene Chloride
Concen: 14.561 ug/l
RT: 3.03 min Scan# 285
Delta R.T. -0.00 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Tgt Ion: 84 Resp: 81054
Ion Ratio Lower Upper
84 100
49 198.7 170.4 255.6
51 61.1 51.4 77.0
86 57.3 52.4 78.6





#21

trans-1,2-Dichloroethene

Concen: 17.629 ug/l

RT: 3.35 min Scan# 317

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

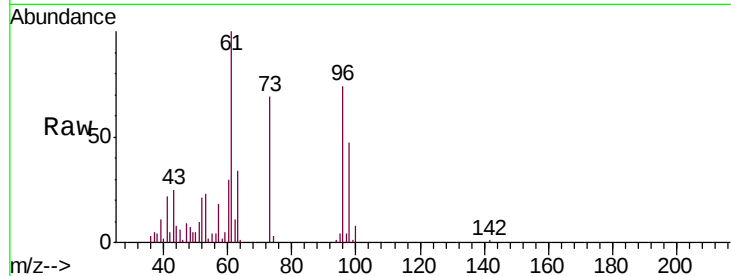
Tgt Ion: 96 Resp: 177783

Ion Ratio Lower Upper

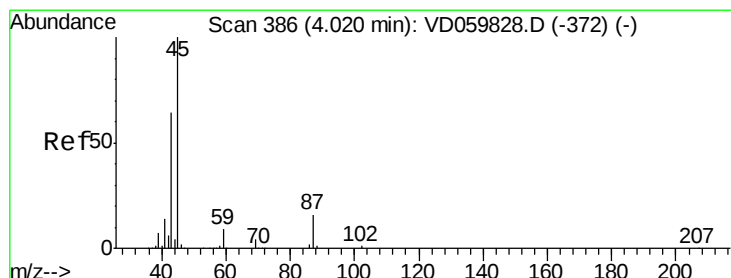
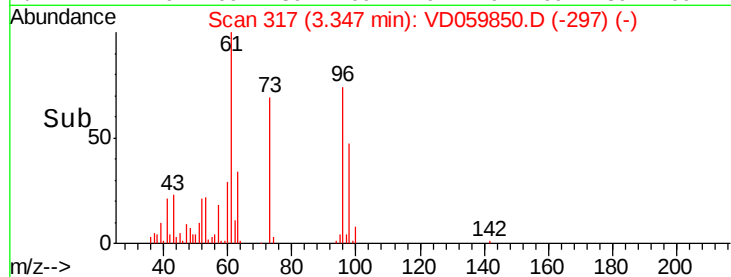
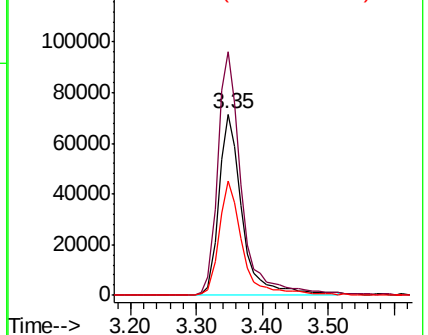
96 100

61 134.4 114.1 171.1

98 63.0 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 18.821 ug/l

RT: 4.03 min Scan# 386

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Tgt Ion: 45 Resp: 879086

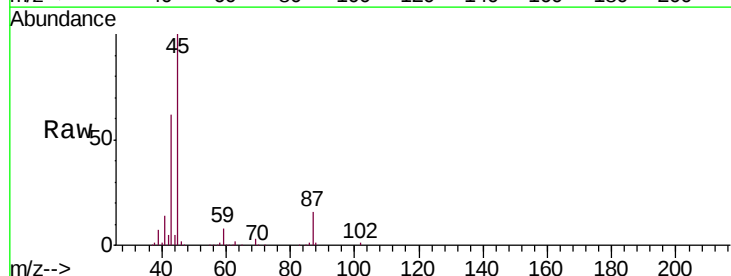
Ion Ratio Lower Upper

45 100

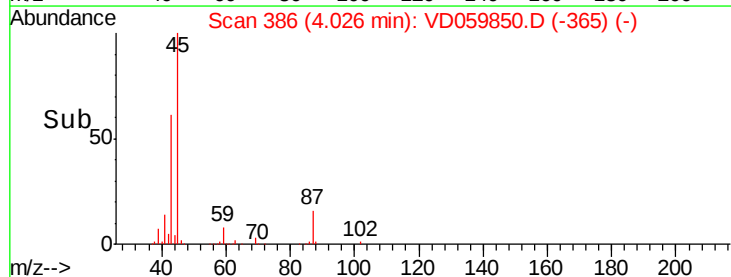
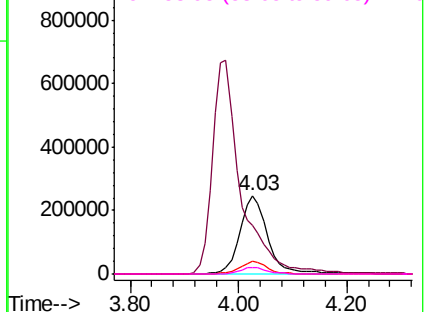
43 61.7 51.1 76.7

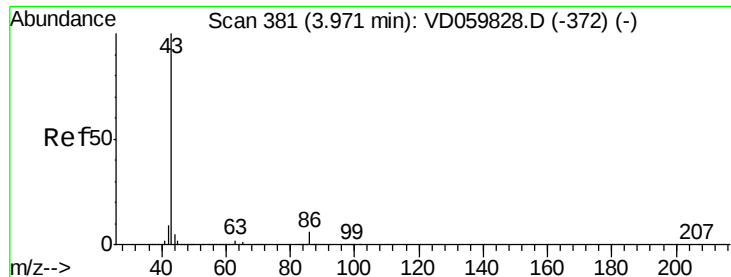
87 15.6 12.5 18.7

59 8.1 7.1 10.7



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 95.850 ug/l

RT: 3.98 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

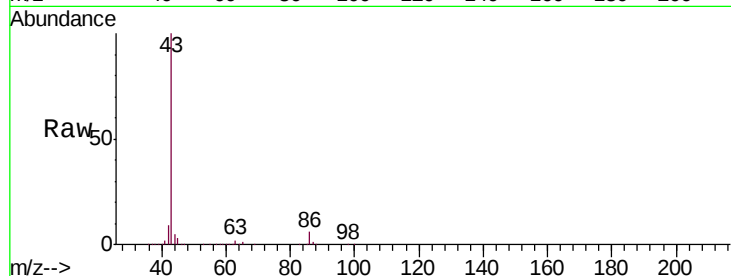
VD0821SBS01

Tgt Ion: 43 Resp: 2404918

Ion Ratio Lower Upper

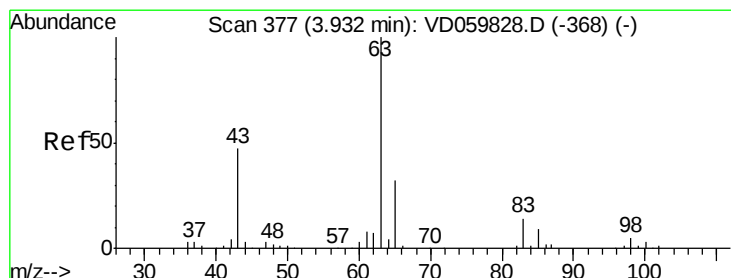
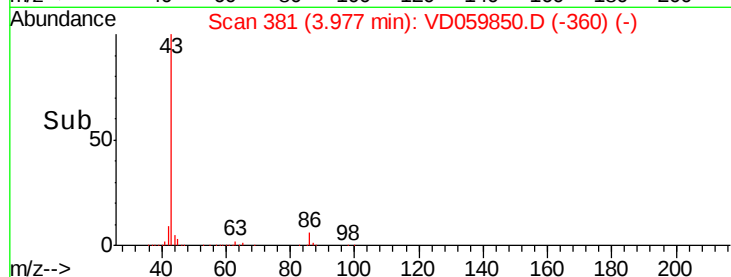
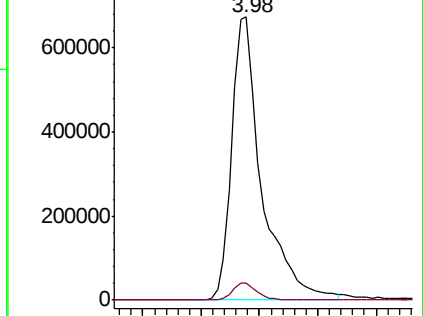
43 100

86 5.9 4.6 7.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 18.397 ug/l

RT: 3.93 min Scan# 376

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

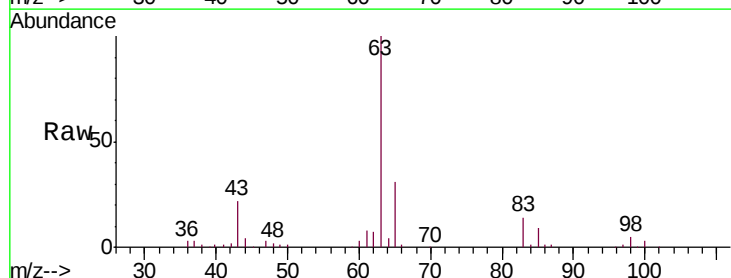
Tgt Ion: 63 Resp: 377866

Ion Ratio Lower Upper

63 100

98 5.1 2.5 7.6

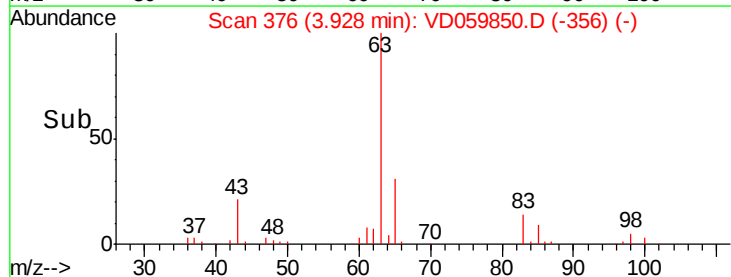
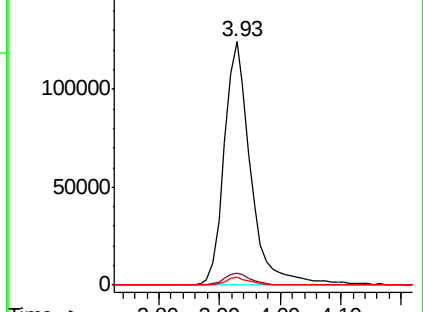
100 3.3 1.7 5.0

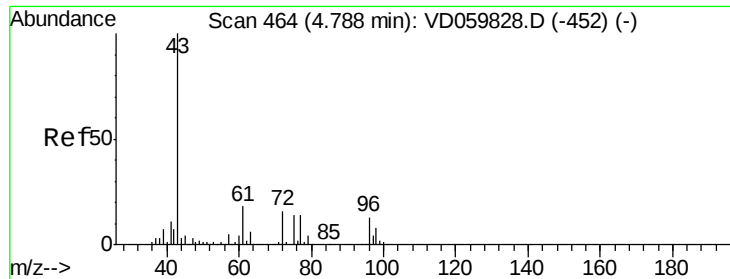


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

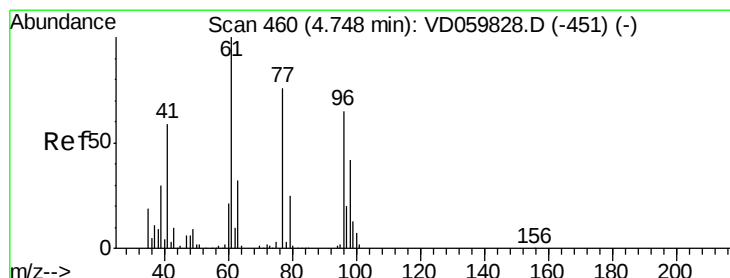
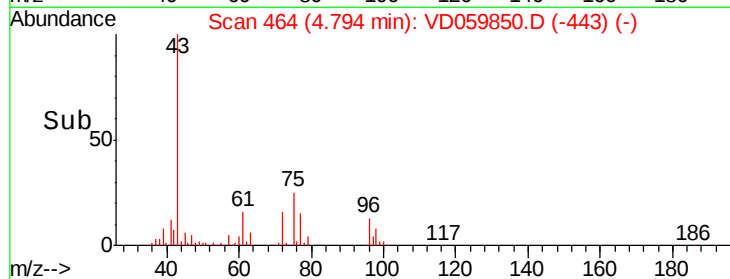
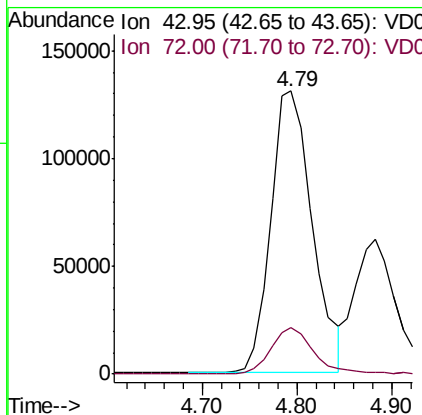
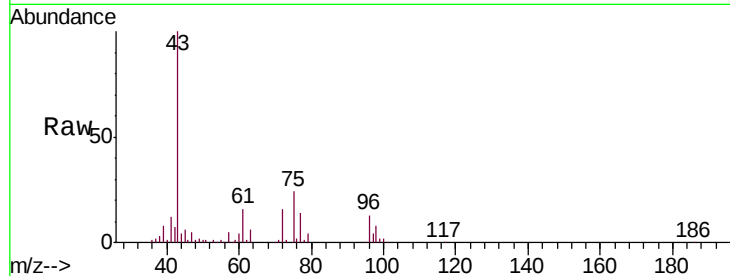




#25
2-Butanone
Concen: 84.417 ug/l
RT: 4.79 min Scan# 464
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

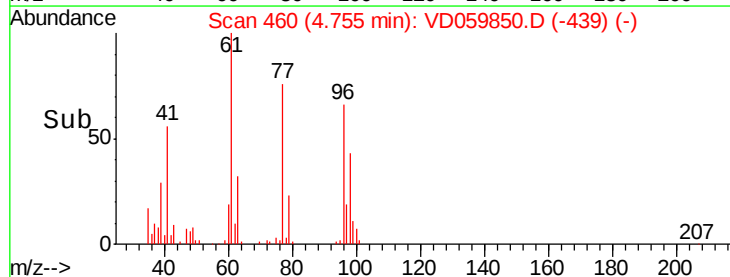
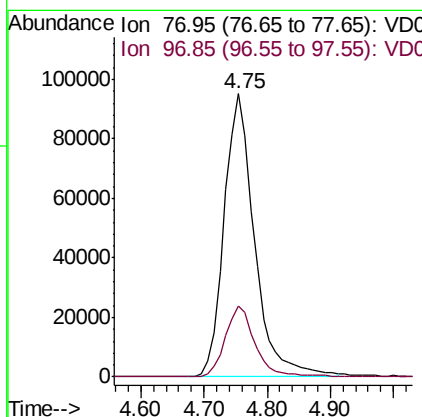
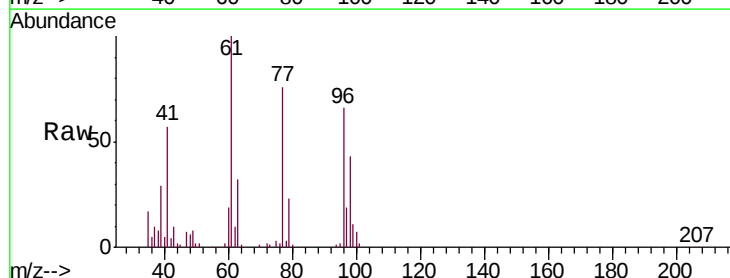
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

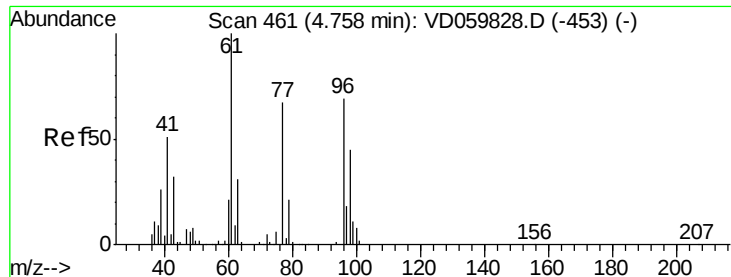
Tgt Ion: 43 Resp: 399736
Ion Ratio Lower Upper
43 100
72 16.3 12.4 18.6



#26
2,2-Dichloropropane
Concen: 19.728 ug/l
RT: 4.75 min Scan# 460
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Tgt Ion: 77 Resp: 317936
Ion Ratio Lower Upper
77 100
97 25.2 13.0 38.9



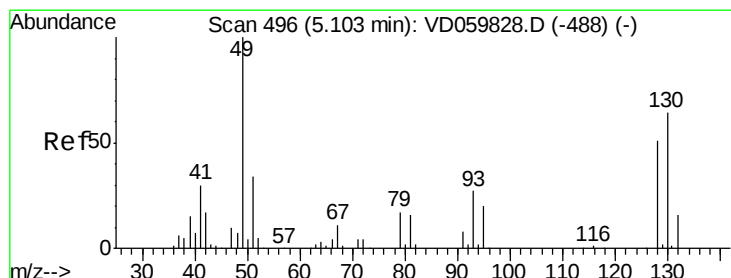
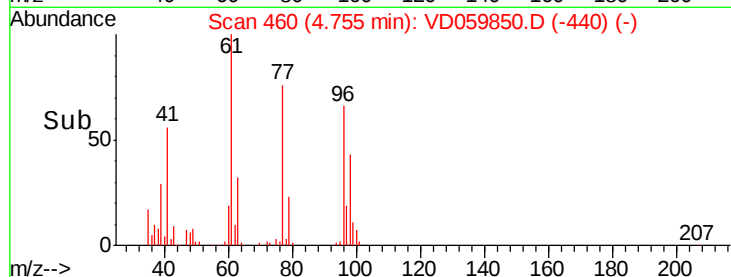
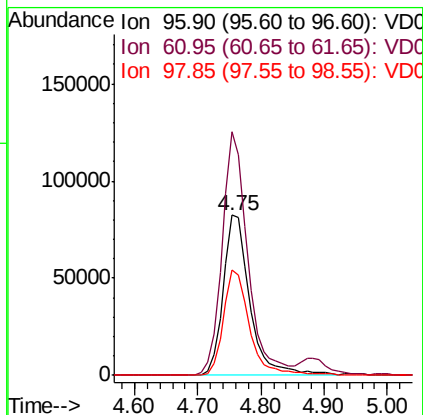
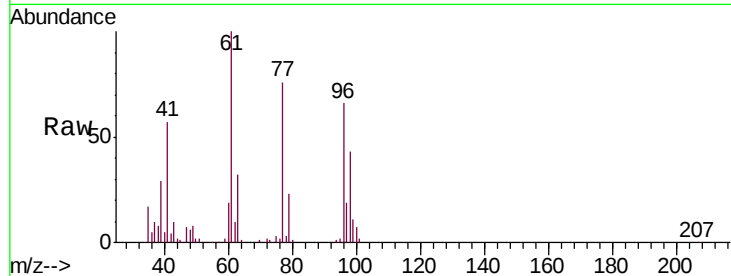


#27

cis-1,2-Dichloroethene
 Concen: 19.658 ug/l
 RT: 4.75 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

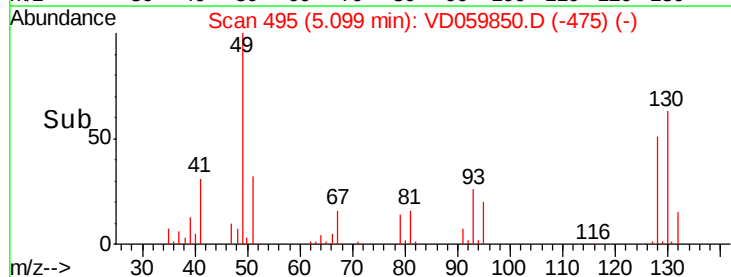
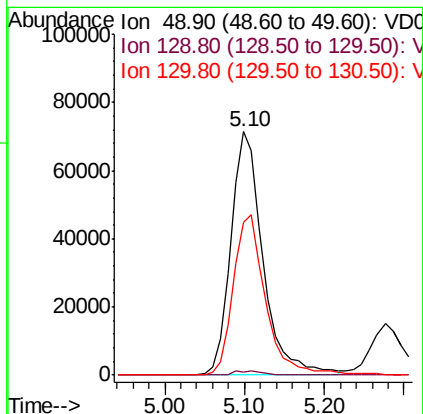
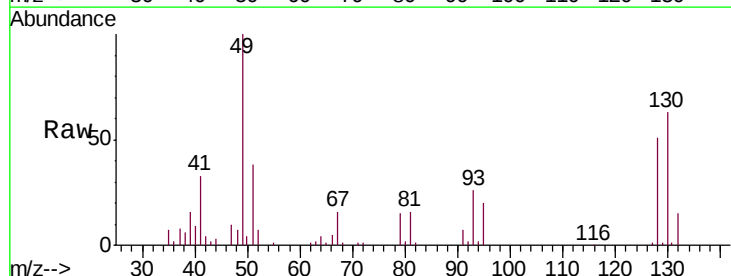
Tgt Ion: 96 Resp: 240317
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 291.8
 98 66.0 0.0 131.6

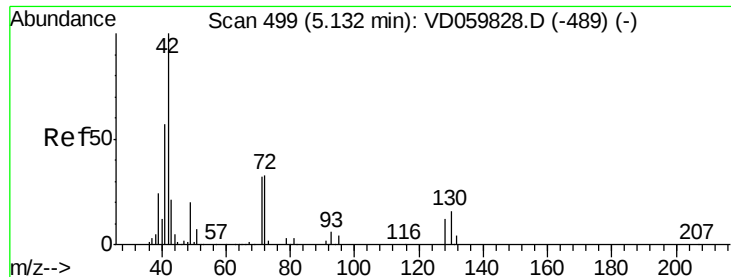


#28

Bromochloromethane
 Concen: 19.265 ug/l
 RT: 5.10 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Tgt Ion: 49 Resp: 200509
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 62.8 51.0 76.6





#29

Tetrahydrofuran

Concen: 89.755 ug/l

RT: 5.14 min Scan# 499

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

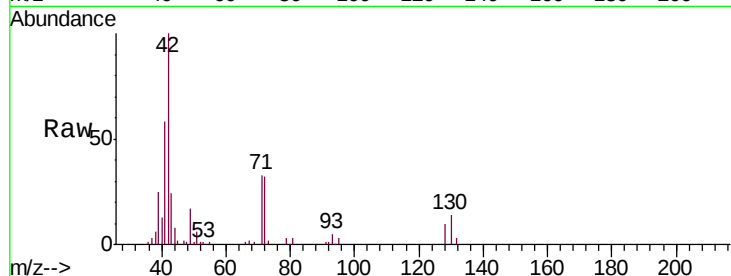
Tgt Ion: 42 Resp: 215195

Ion Ratio Lower Upper

42 100

72 30.7 25.8 38.6

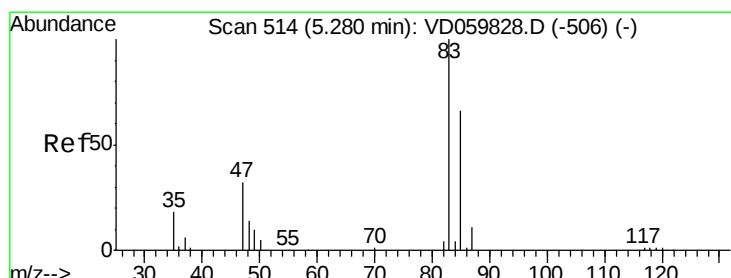
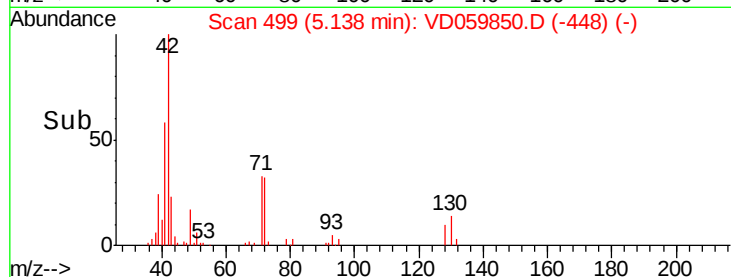
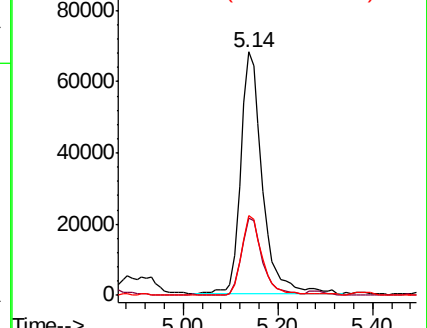
71 32.1 25.7 38.5



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 19.480 ug/l

RT: 5.28 min Scan# 513

Delta R.T. -0.00 min

Lab File: VD059850.D

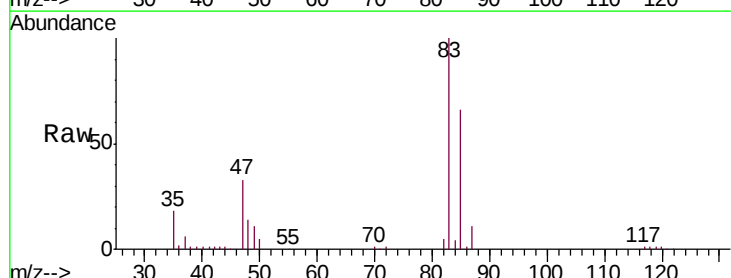
Acq: 21 Aug 2018 12:35

Tgt Ion: 83 Resp: 394860

Ion Ratio Lower Upper

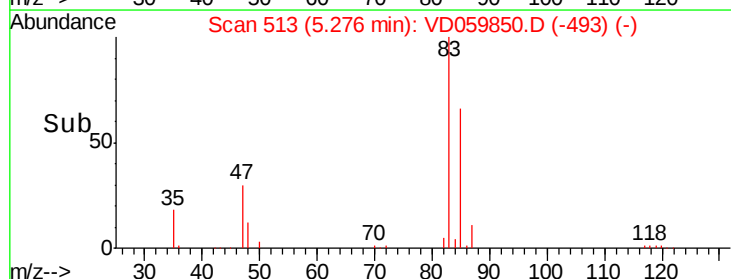
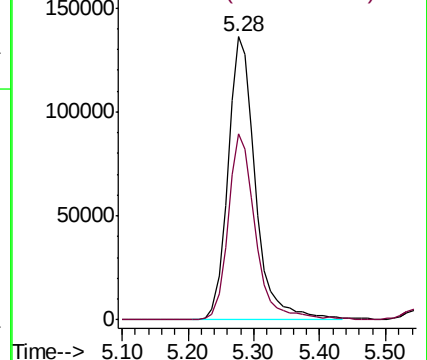
83 100

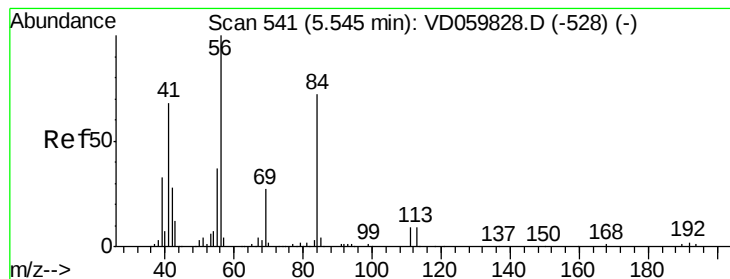
85 65.8 52.9 79.3



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 16.827 ug/l

RT: 5.55 min Scan# 541

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

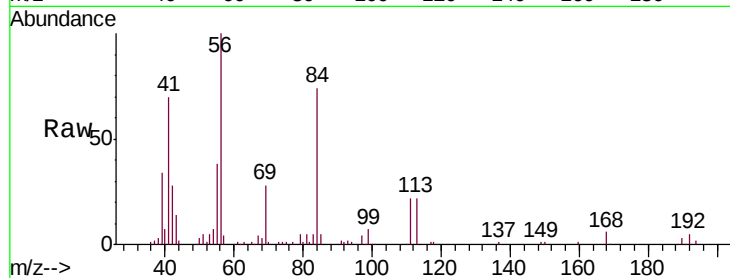
Tgt Ion: 56 Resp: 326791

Ion Ratio Lower Upper

56 100

69 28.5 21.7 32.5

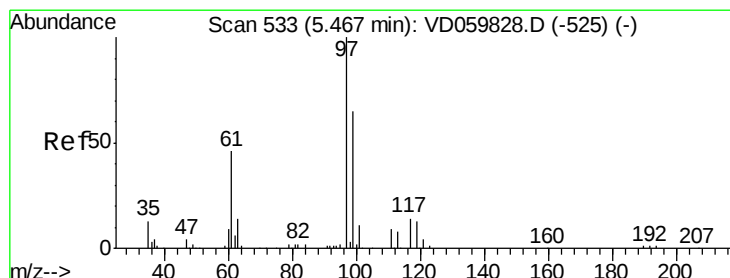
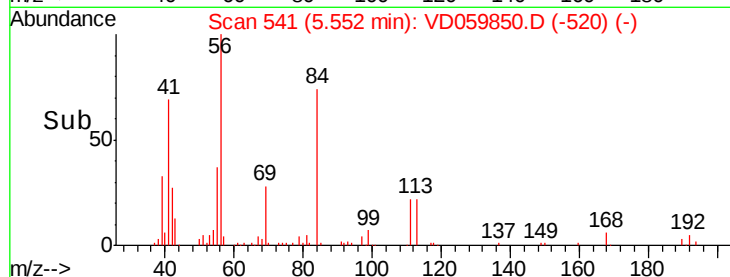
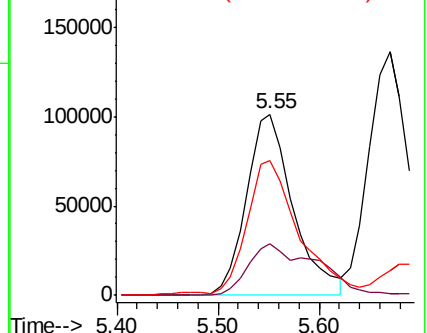
84 74.3 57.8 86.6



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 19.025 ug/l

RT: 5.46 min Scan# 532

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

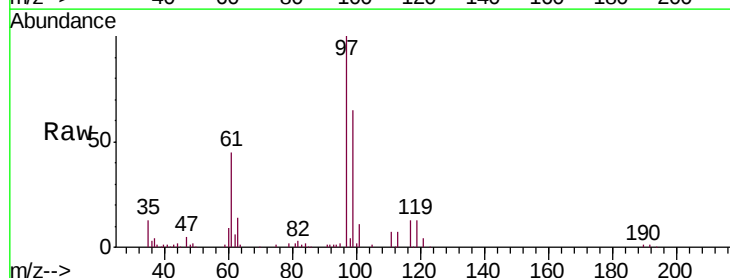
Tgt Ion: 97 Resp: 324963

Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

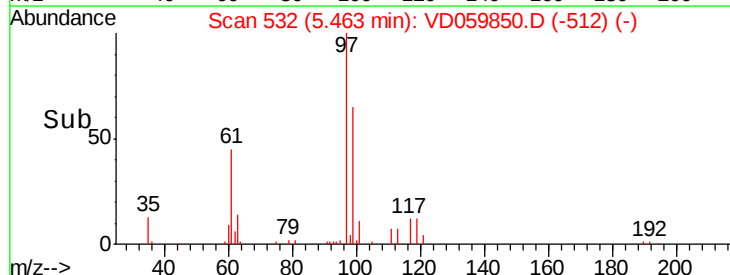
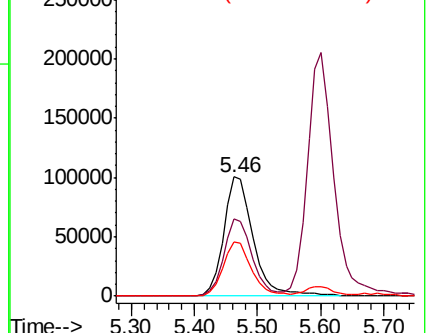
61 45.4 37.0 55.6

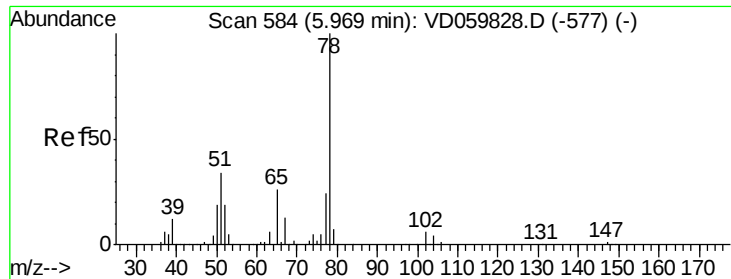


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 98.85 (98.55 to 99.55): VDC

Ion 60.95 (60.65 to 61.65): VDC

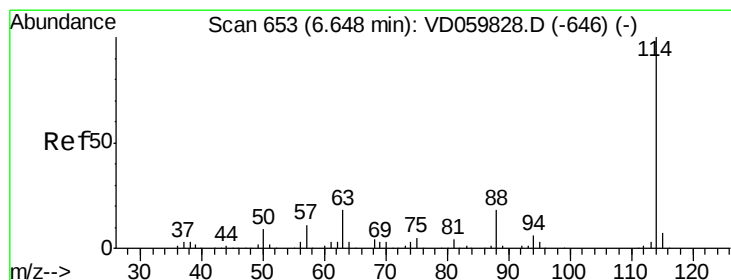
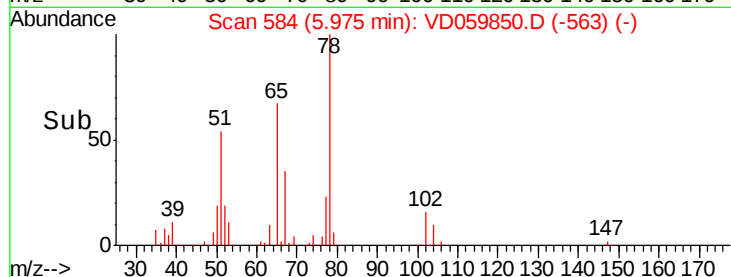
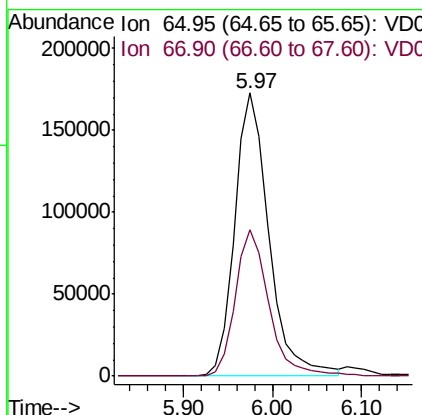
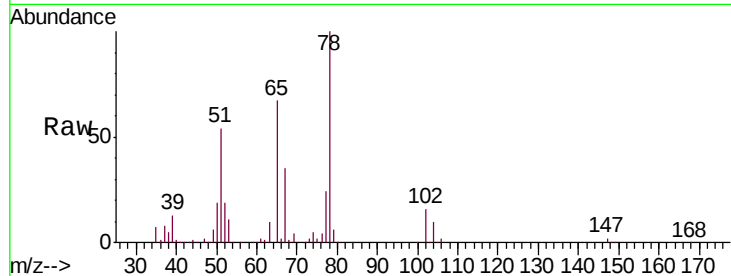




#33
 1,2-Dichloroethane-d4
 Concen: 19.025 ug/l
 RT: 5.97 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

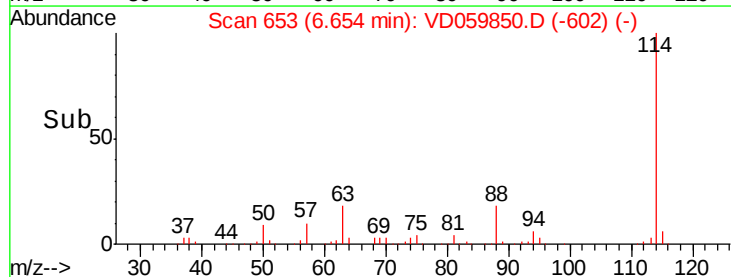
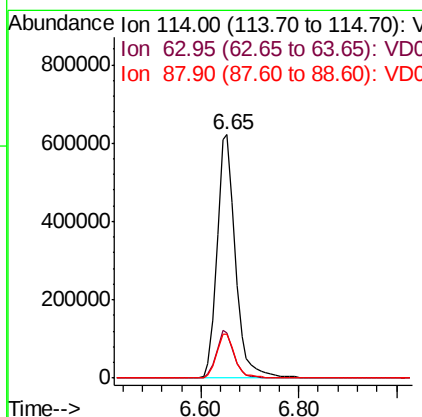
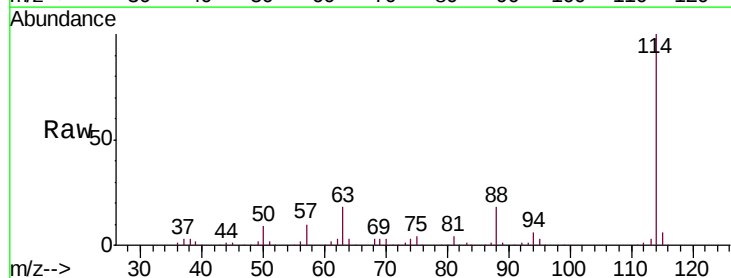
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

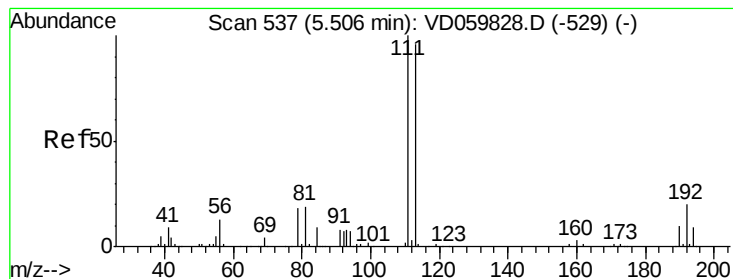
Tgt Ion: 65 Resp: 461658
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.65 min Scan# 653
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Tgt Ion: 114 Resp: 1630895
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.0
 88 18.2 0.0 37.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.50 min Scan# 536

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

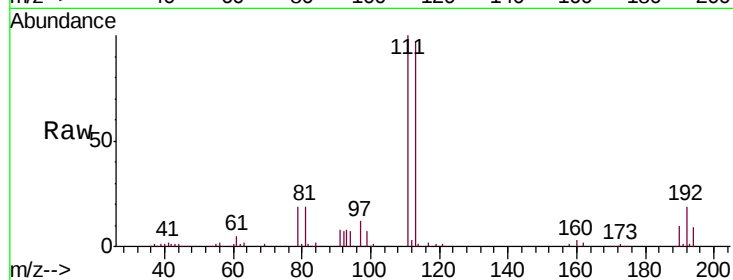
Tgt Ion:113 Resp: 624159

Ion Ratio Lower Upper

113 100

111 103.3 83.3 124.9

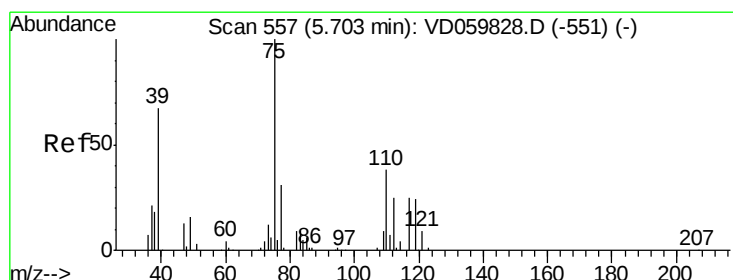
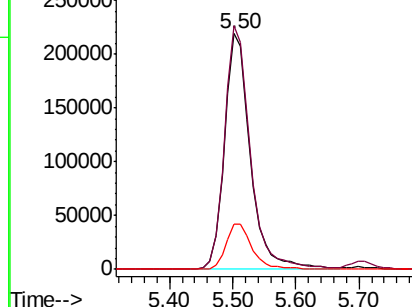
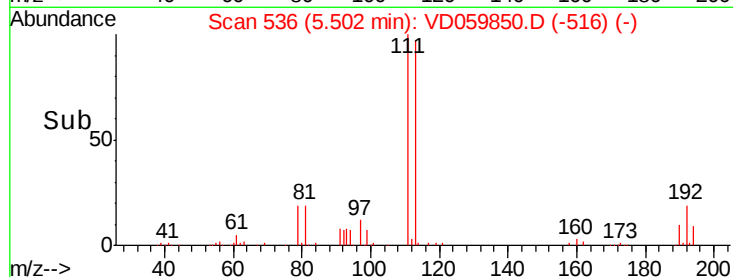
192 19.2 16.8 25.2



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 19.844 ug/l

RT: 5.70 min Scan# 556

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

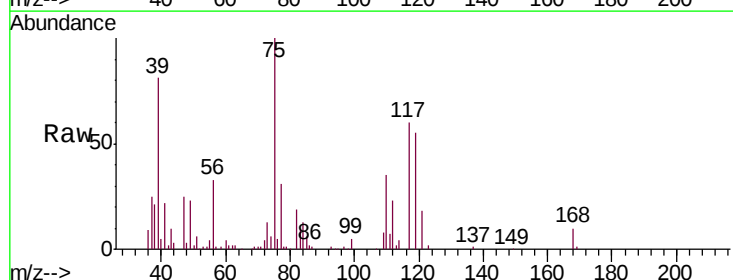
Tgt Ion: 75 Resp: 274469

Ion Ratio Lower Upper

75 100

110 35.1 18.8 56.4

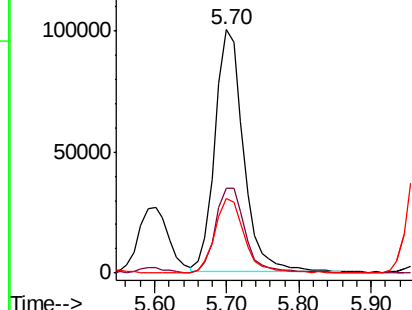
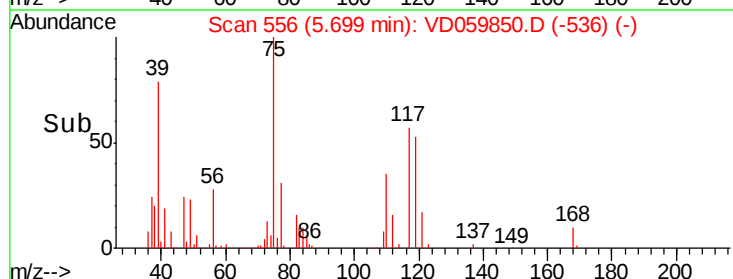
77 30.8 24.9 37.3

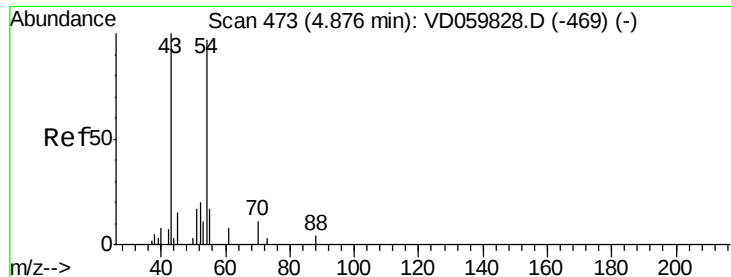


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

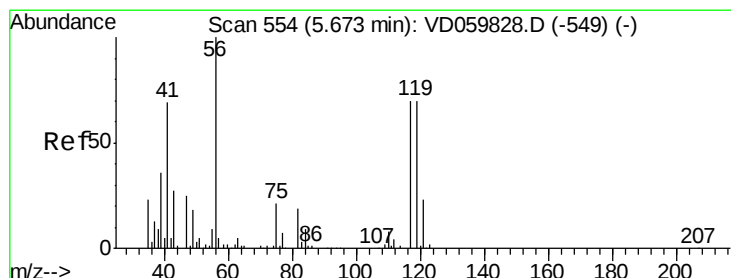
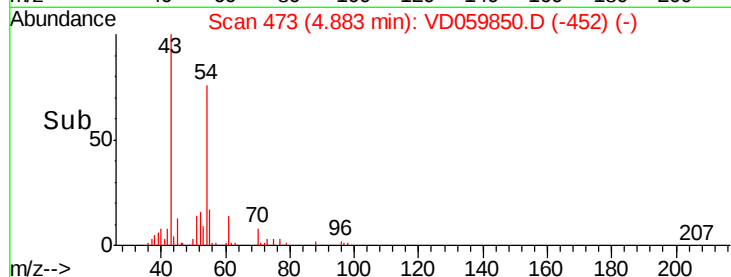
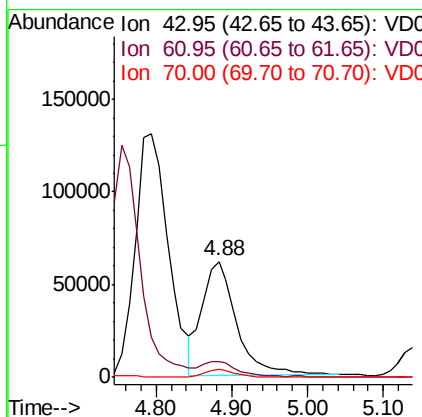
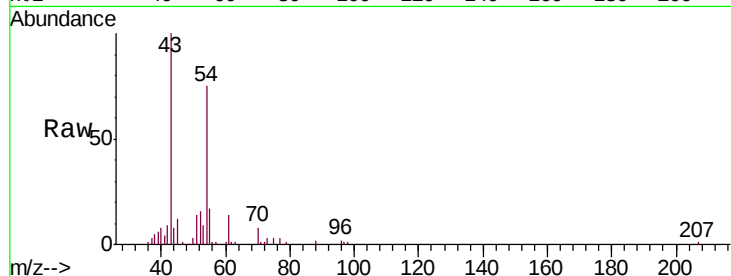




#37
 Ethyl Acetate
 Concen: 18.799 ug/l
 RT: 4.88 min Scan# 473
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

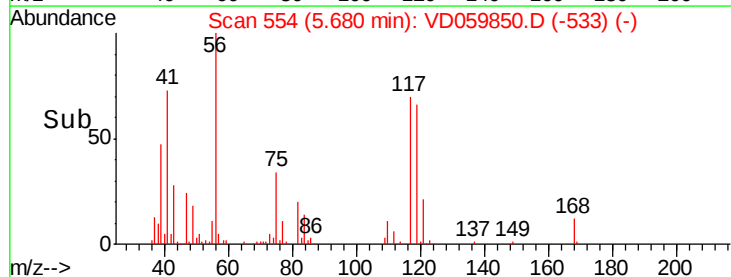
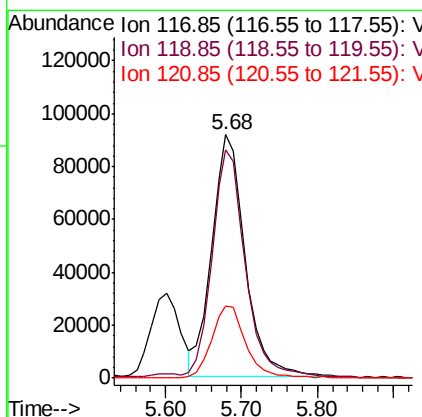
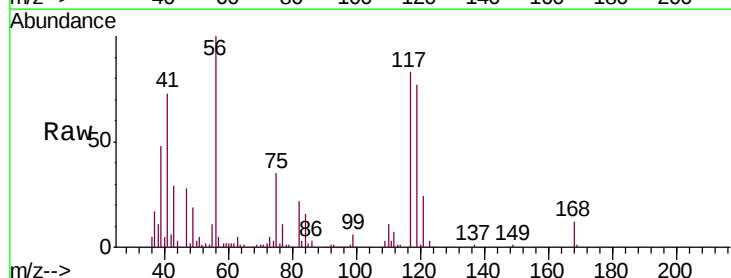
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

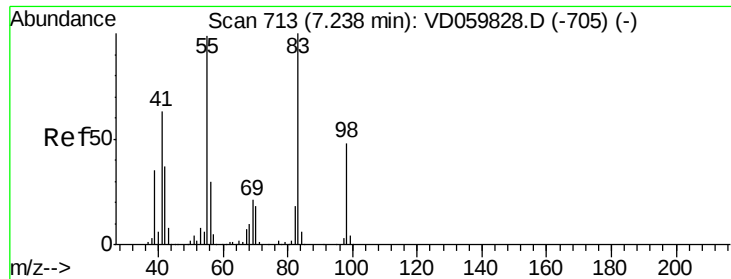
Tgt Ion: 43 Resp: 192746
 Ion Ratio Lower Upper
 43 100
 61 13.6 10.4 15.6
 70 7.5 6.2 9.2



#38
 Carbon Tetrachloride
 Concen: 20.143 ug/l
 RT: 5.68 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Tgt Ion: 117 Resp: 278063
 Ion Ratio Lower Upper
 117 100
 119 93.5 77.0 115.4
 121 29.5 24.7 37.1

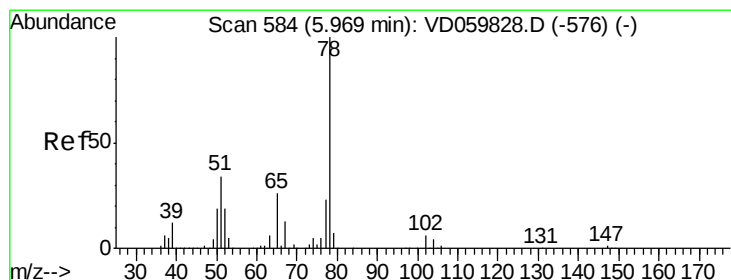
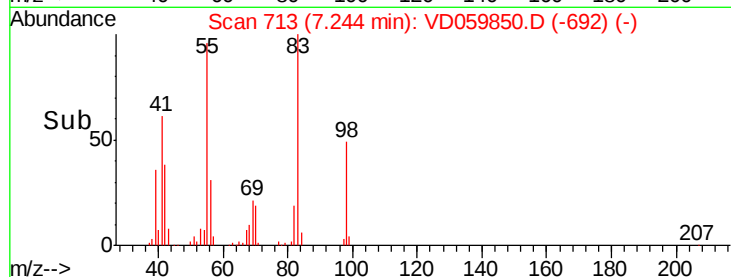
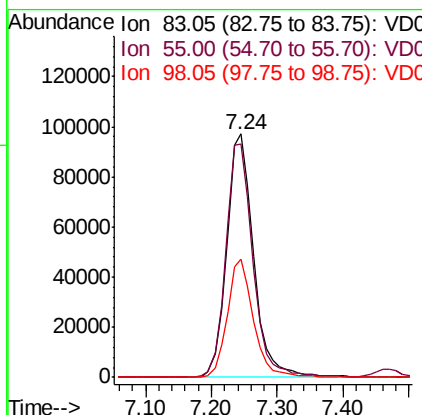
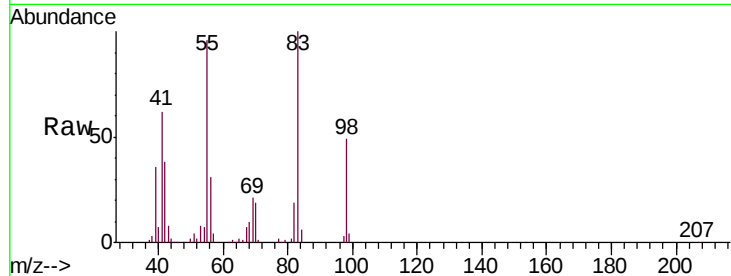




#39
Methylcyclohexane
Concen: 18.734 ug/l
RT: 7.24 min Scan# 713
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

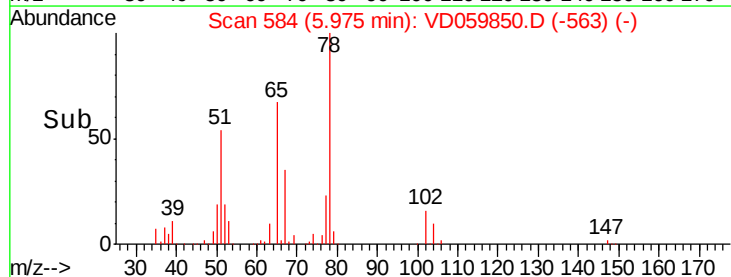
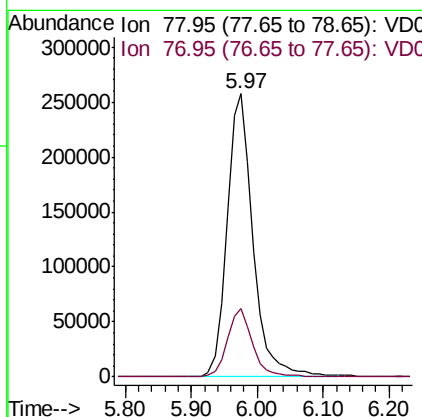
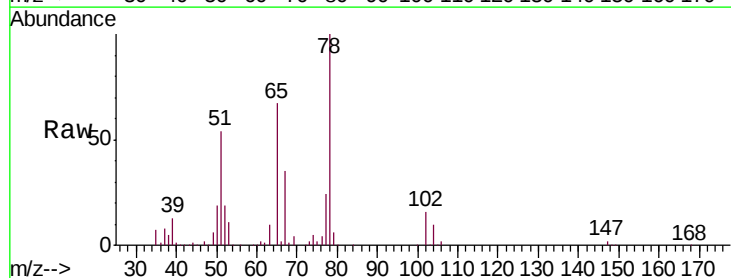
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

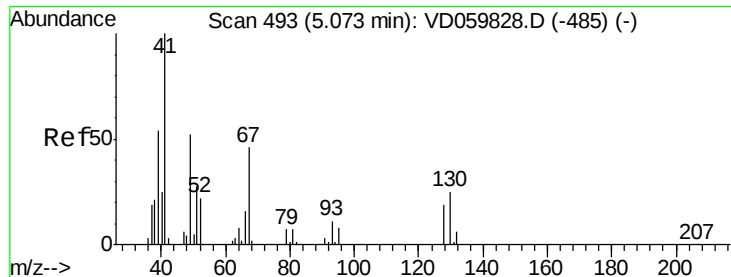
Tgt Ion: 83 Resp: 277154
Ion Ratio Lower Upper
83 100
55 95.7 79.0 118.6
98 48.7 38.1 57.1



#40
Benzene
Concen: 19.772 ug/l
RT: 5.97 min Scan# 584
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Tgt Ion: 78 Resp: 708504
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

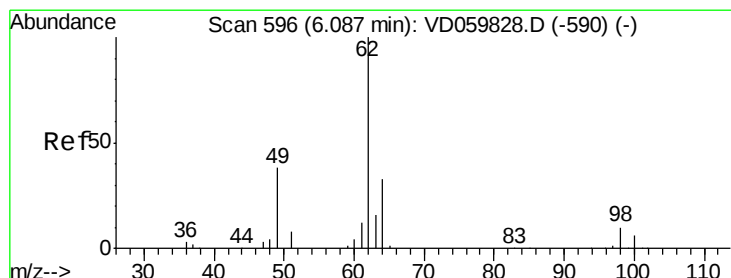
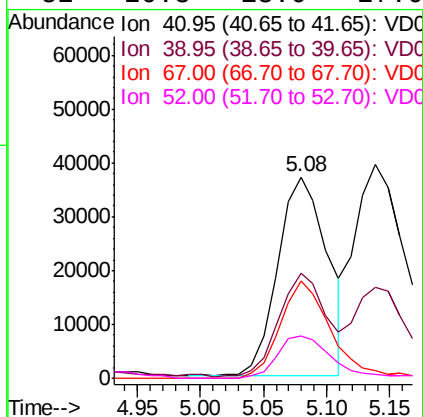
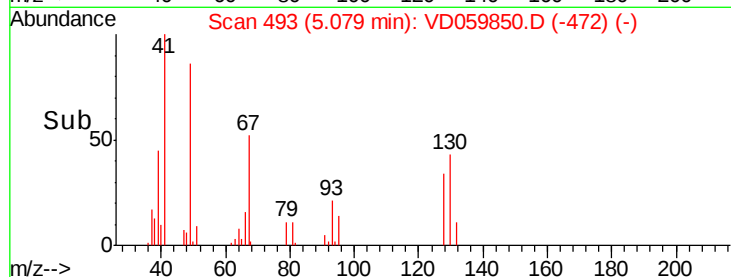
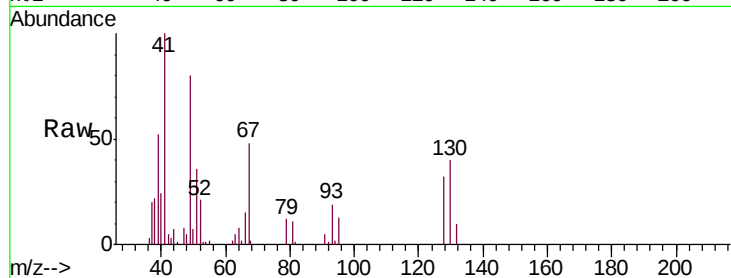




#41
Methacrylonitrile
Concen: 19.189 ug/l
RT: 5.08 min Scan# 493
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

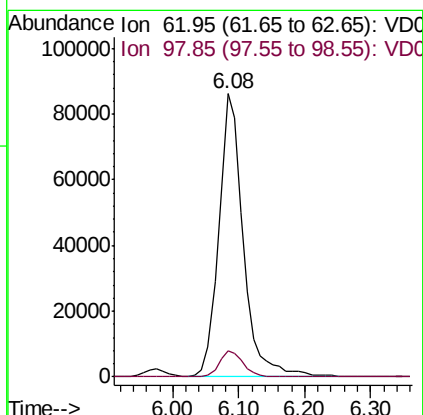
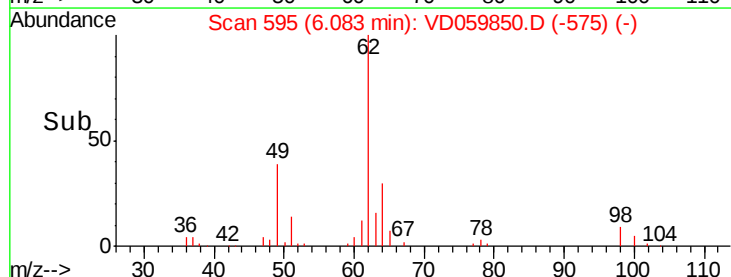
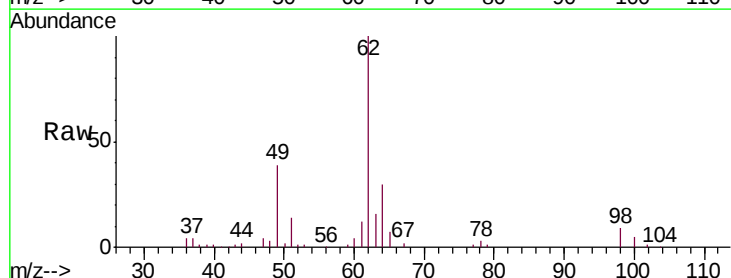
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

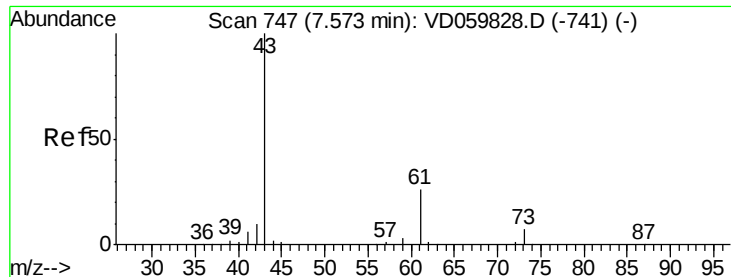
Tgt Ion: 41 Resp: 100789
Ion Ratio Lower Upper
41 100
39 52.5 43.0 64.6
67 48.1 36.7 55.1
52 20.8 18.0 27.0



#42
1,2-Dichloroethane
Concen: 19.137 ug/l
RT: 6.08 min Scan# 595
Delta R.T. -0.00 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Tgt Ion: 62 Resp: 223310
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.4





#43

Isopropyl Acetate

Concen: 17.760 ug/l

RT: 7.58 min Scan# 747

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

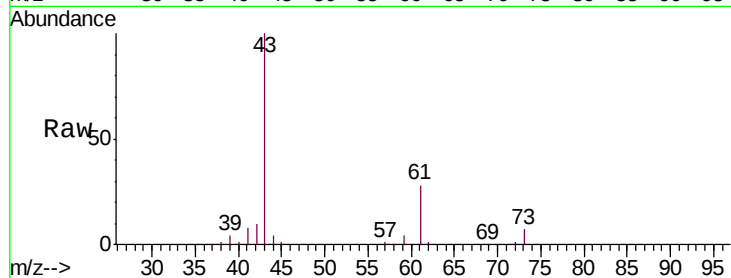
Tgt Ion: 43 Resp: 251862

Ion Ratio Lower Upper

43 100

61 28.1 21.0 31.4

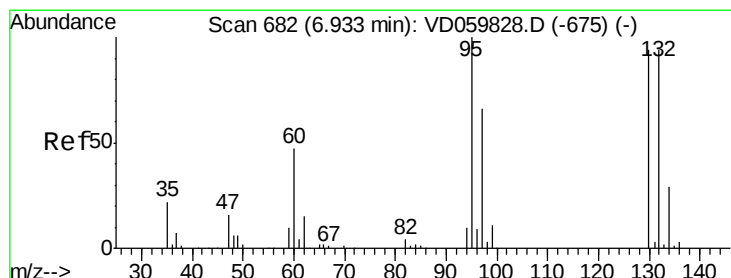
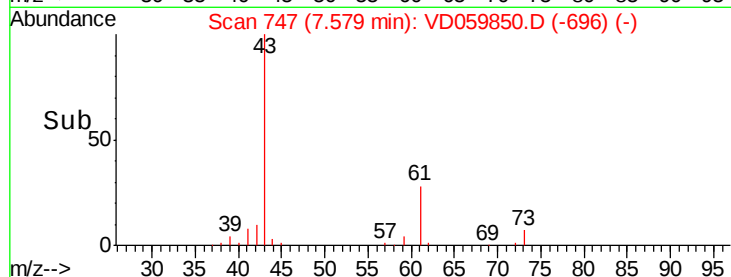
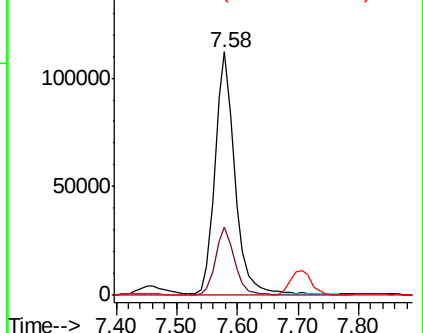
87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.570 ug/l

RT: 6.94 min Scan# 682

Delta R.T. 0.01 min

Lab File: VD059850.D

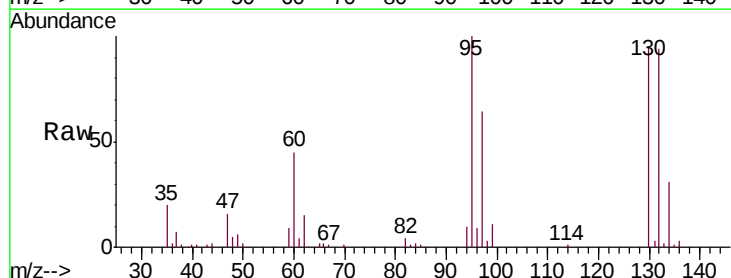
Acq: 21 Aug 2018 12:35

Tgt Ion: 130 Resp: 208570

Ion Ratio Lower Upper

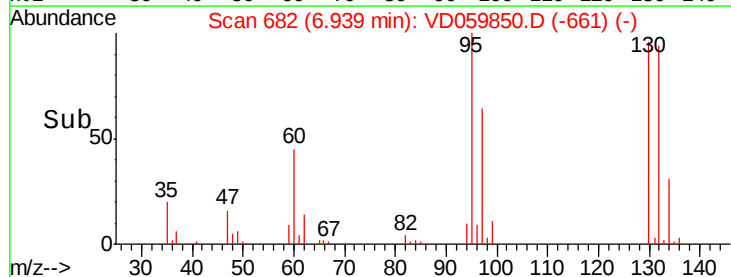
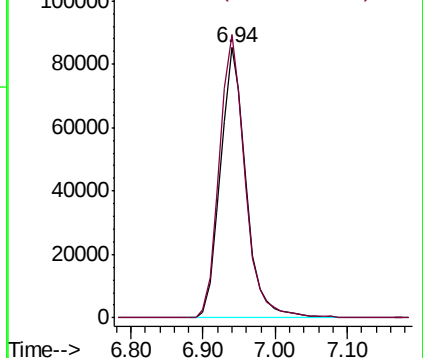
130 100

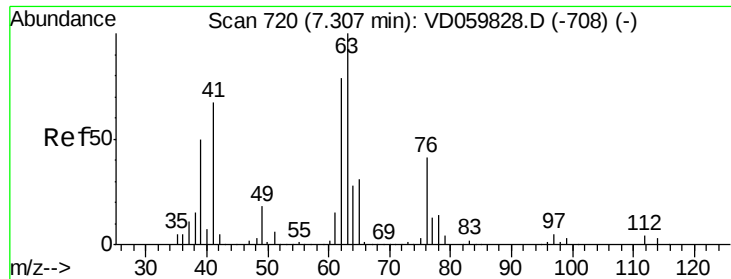
95 104.7 0.0 213.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

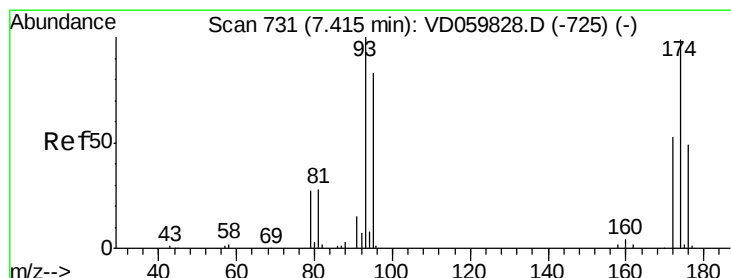
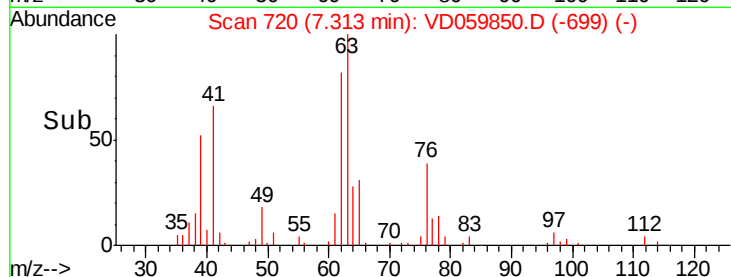
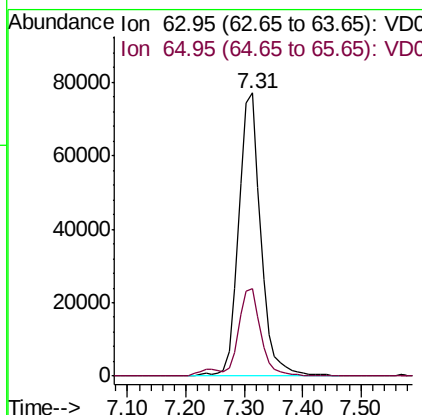
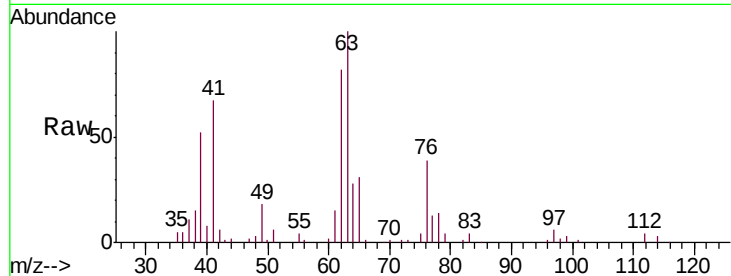




#45
 1,2-Dichloropropane
 Concen: 19.383 ug/l
 RT: 7.31 min Scan# 720
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

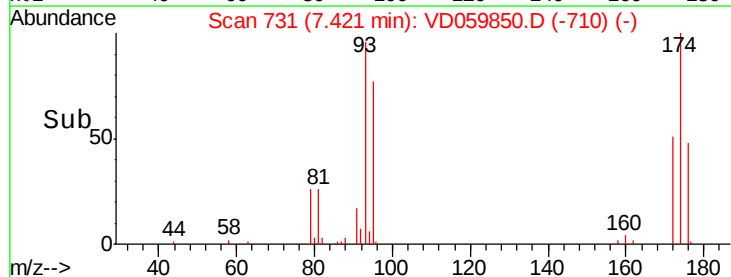
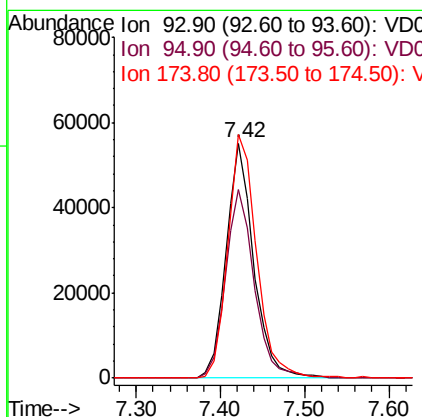
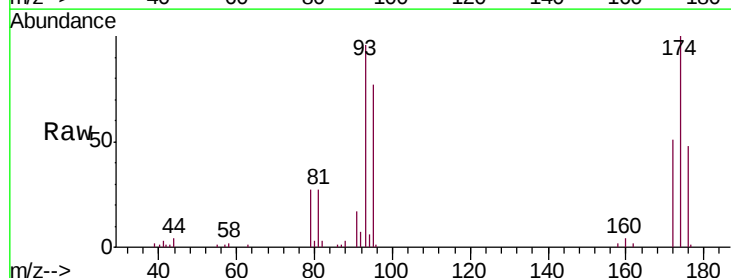
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

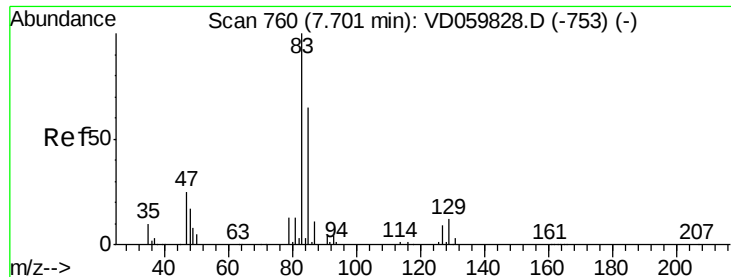
Tgt Ion: 63 Resp: 203961
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.5 36.7



#46
 Dibromomethane
 Concen: 19.100 ug/l
 RT: 7.42 min Scan# 731
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Tgt Ion: 93 Resp: 125132
 Ion Ratio Lower Upper
 93 100
 95 80.2 66.3 99.5
 174 103.7 79.4 119.0





#47

Bromodichloromethane

Concen: 19.647 ug/l

RT: 7.71 min Scan# 760

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

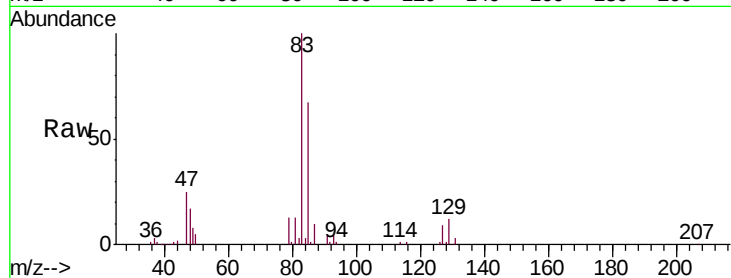
Tgt Ion: 83 Resp: 284198

Ion Ratio Lower Upper

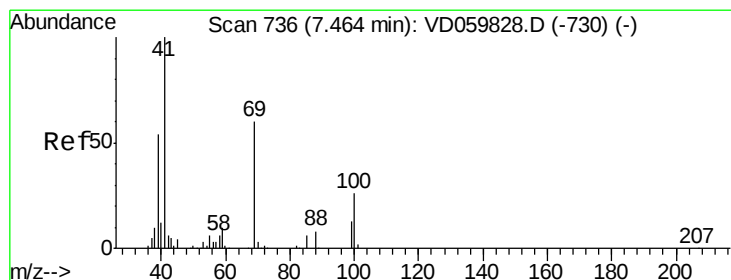
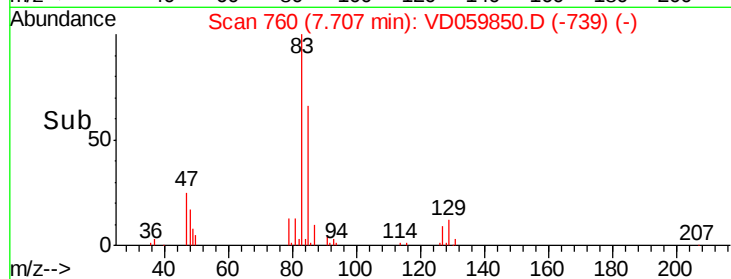
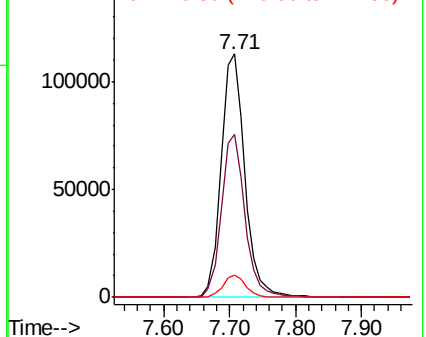
83 100

85 66.8 52.2 78.4

127 9.1 7.1 10.7



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 18.051 ug/l

RT: 7.46 min Scan# 735

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

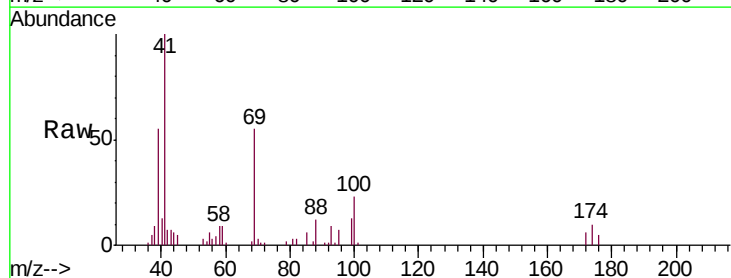
Tgt Ion: 41 Resp: 141186

Ion Ratio Lower Upper

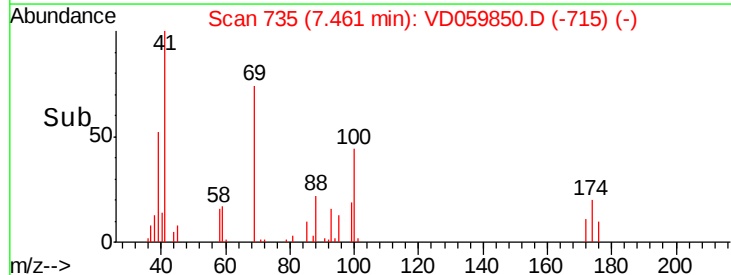
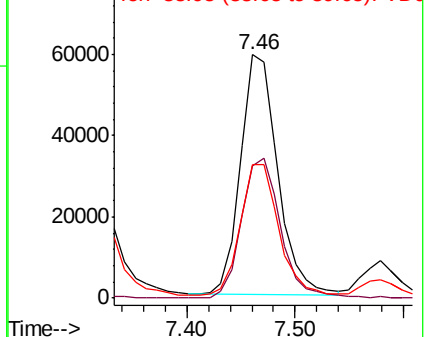
41 100

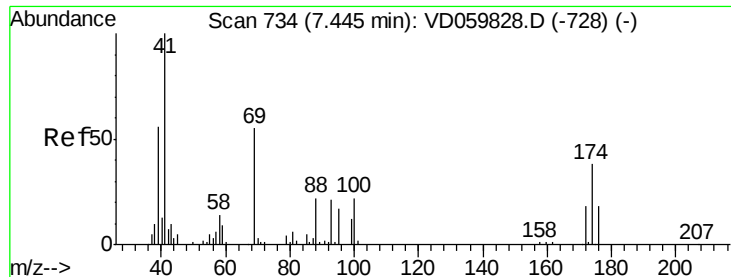
69 54.6 47.0 70.4

39 54.9 43.4 65.2



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 394.669 ug/l

RT: 7.45 min Scan# 734

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

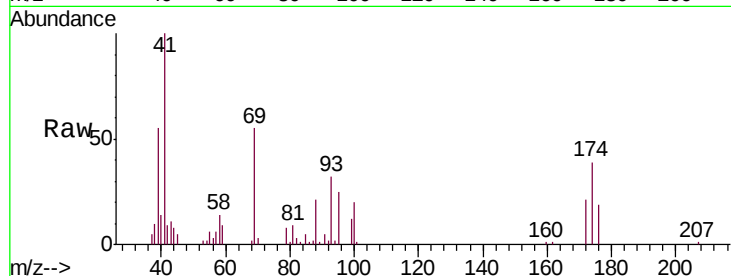
Tgt Ion: 88 Resp: 26123

Ion Ratio Lower Upper

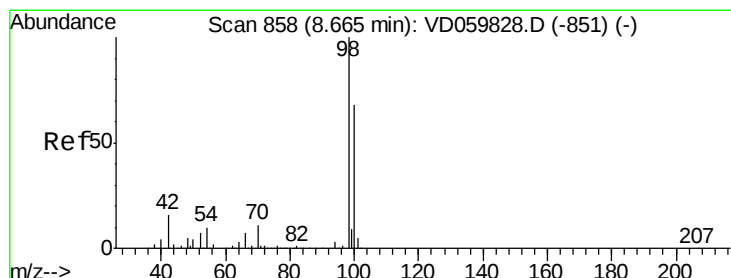
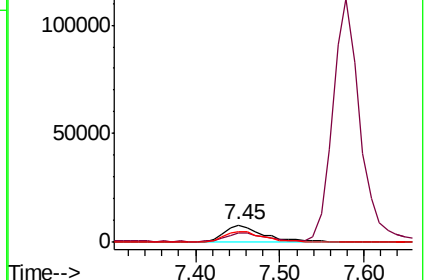
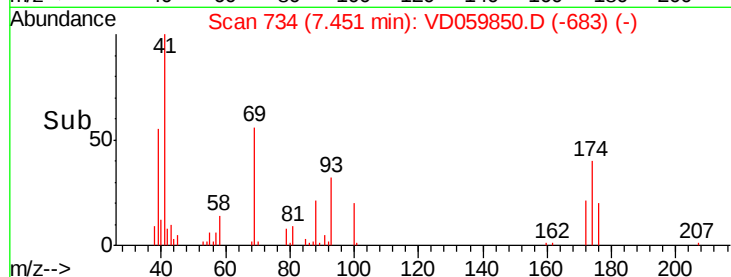
88 100

43 51.4 41.4 62.0

58 65.2 52.4 78.6



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 394.669 ug/l

RT: 8.67 min Scan# 858

Delta R.T. 0.01 min

Lab File: VD059850.D

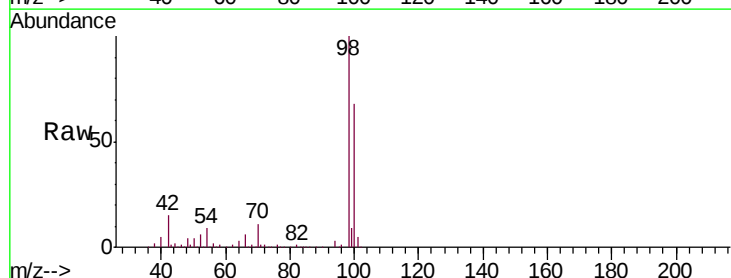
Acq: 21 Aug 2018 12:35

Tgt Ion: 98 Resp: 1661655

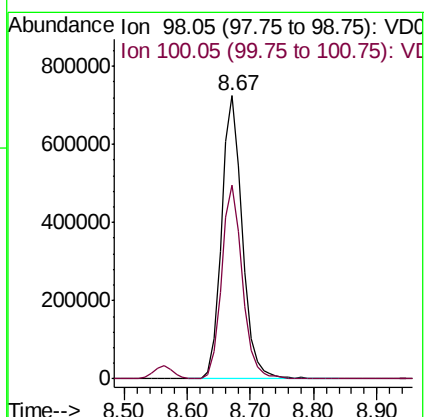
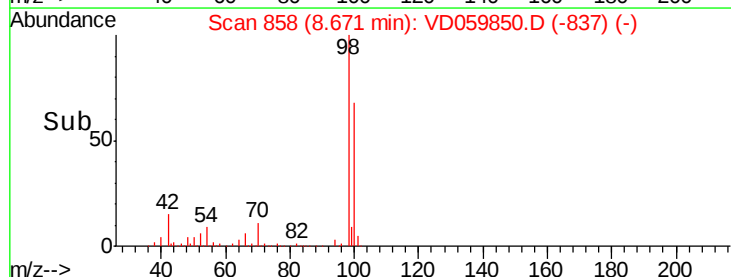
Ion Ratio Lower Upper

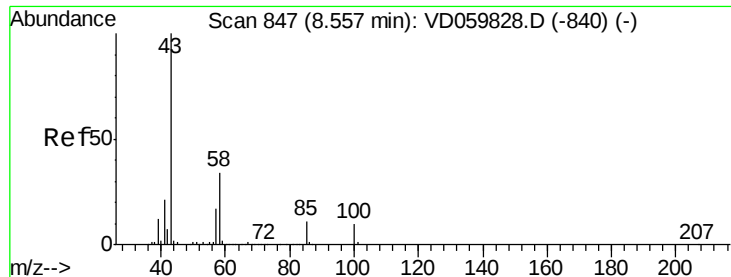
98 100

100 68.4 55.0 82.4



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 86.555 ug/l

RT: 8.56 min Scan# 847

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

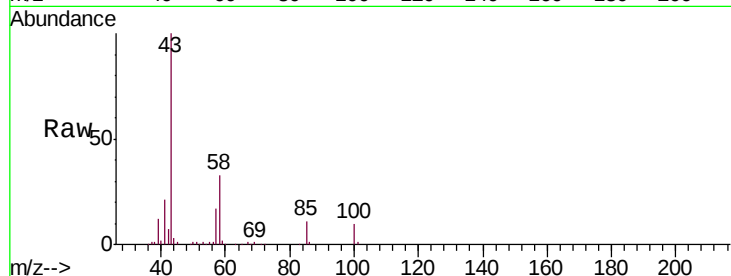
VD0821SBS01

Tgt Ion: 43 Resp: 820635

Ion Ratio Lower Upper

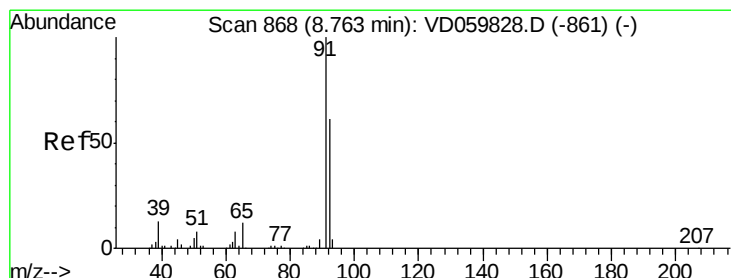
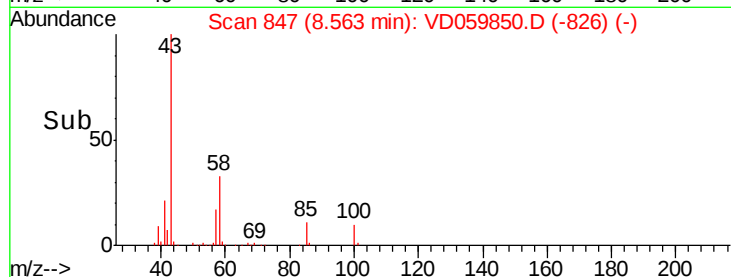
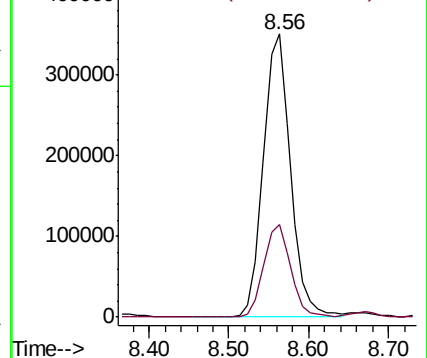
43 100

58 32.7 27.0 40.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 20.170 ug/l

RT: 8.76 min Scan# 867

Delta R.T. -0.00 min

Lab File: VD059850.D

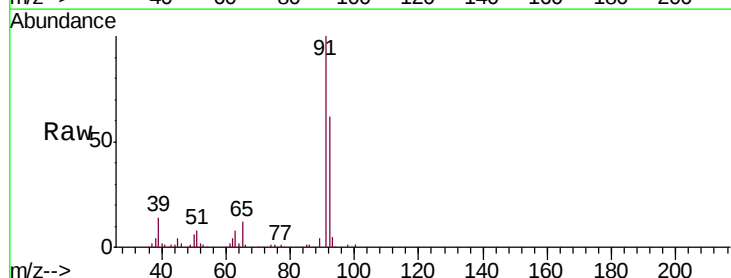
Acq: 21 Aug 2018 12:35

Tgt Ion: 92 Resp: 457037

Ion Ratio Lower Upper

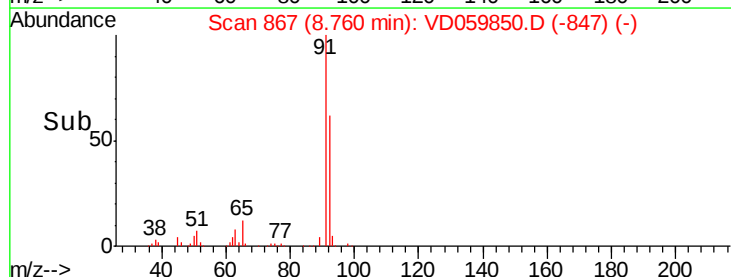
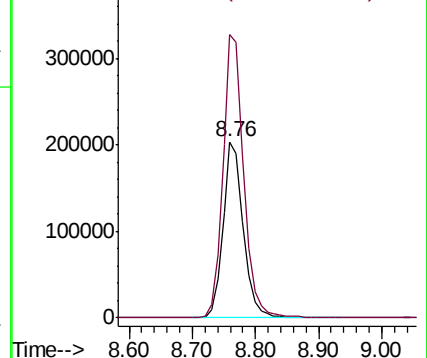
92 100

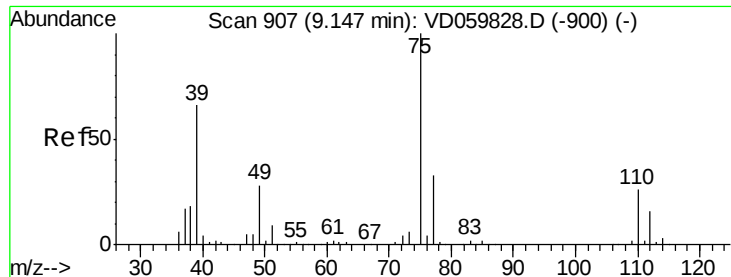
91 160.8 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

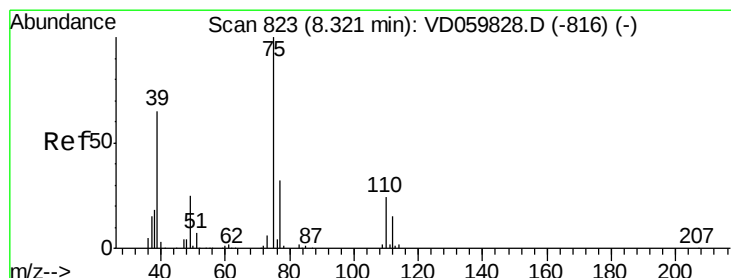
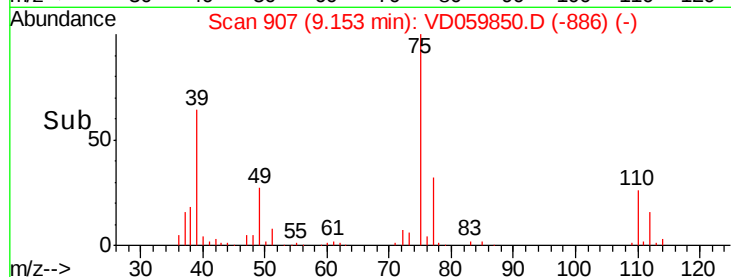
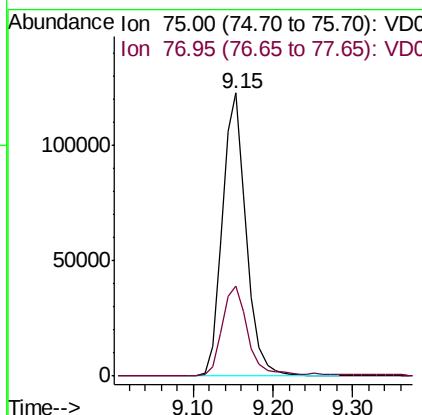
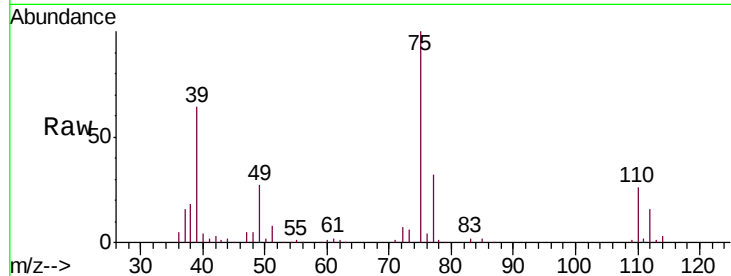




#53
 t-1,3-Dichloropropene
 Concen: 19.506 ug/l
 RT: 9.15 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

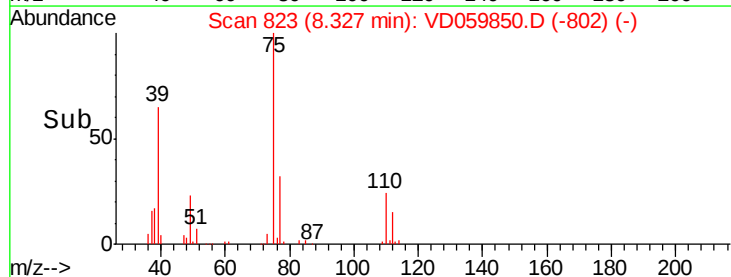
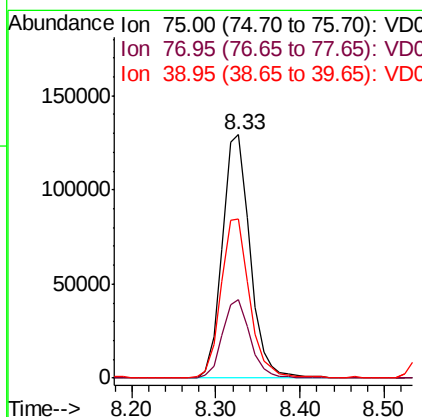
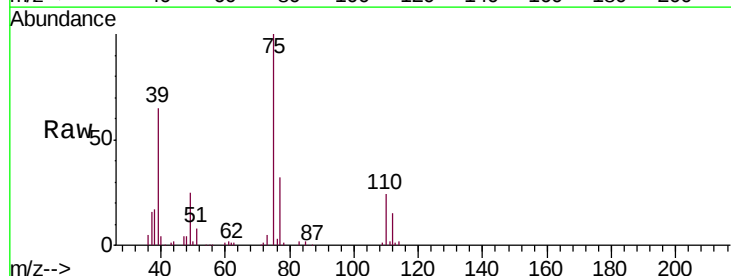
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

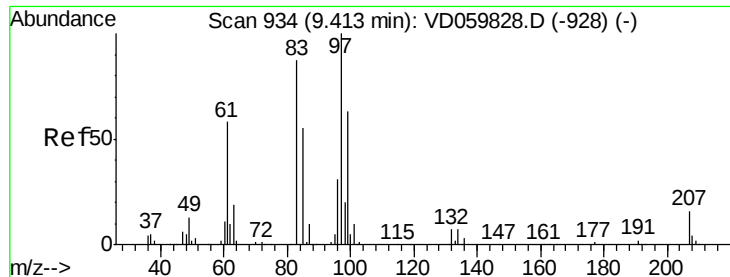
Tgt Ion: 75 Resp: 257017
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 18.756 ug/l
 RT: 8.33 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Tgt Ion: 75 Resp: 295979
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.8 38.8
 39 65.4 52.2 78.4

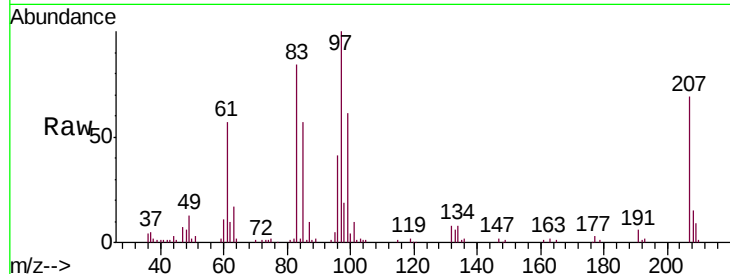




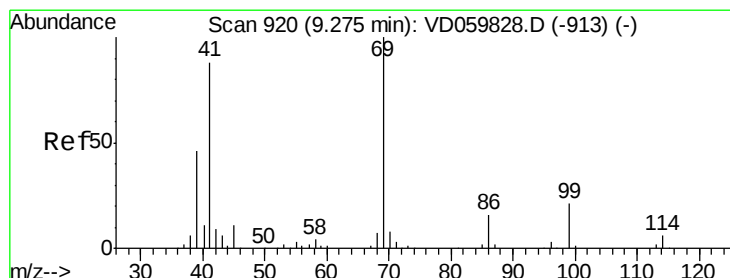
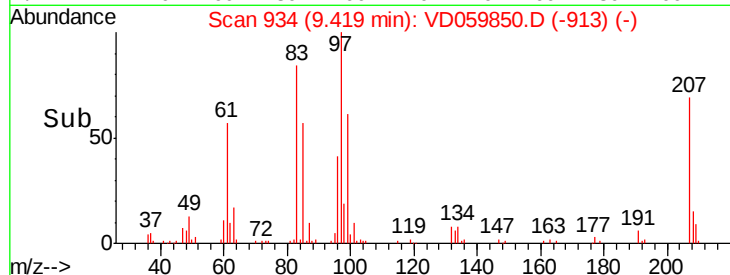
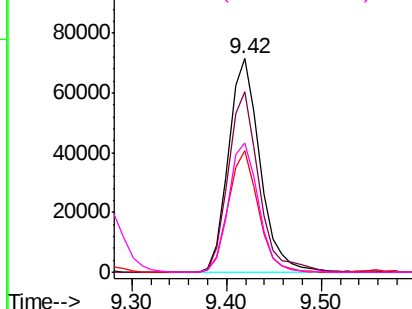
#55
 1,1,2-Trichloroethane
 Concen: 20.186 ug/l
 RT: 9.42 min Scan# 934
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

Tgt Ion:	97	Resp:	165120
Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.2	103.8
85	56.7	44.3	66.5
99	60.7	50.6	76.0

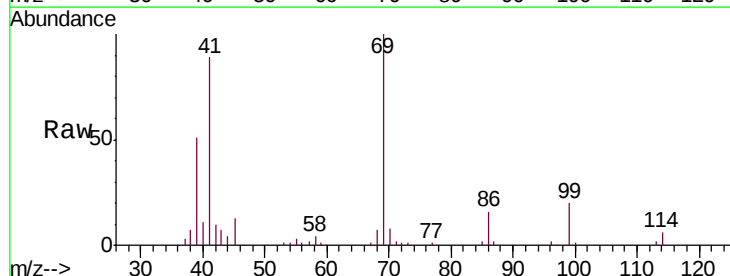


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

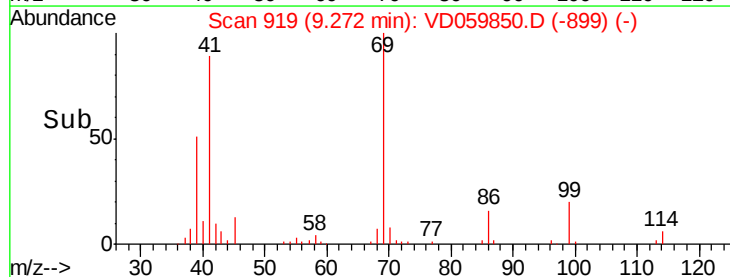
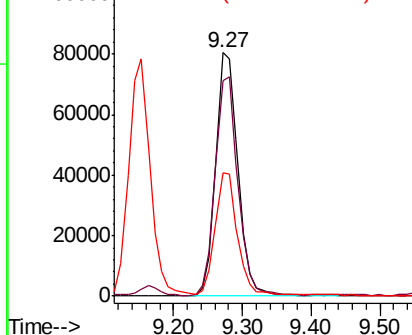


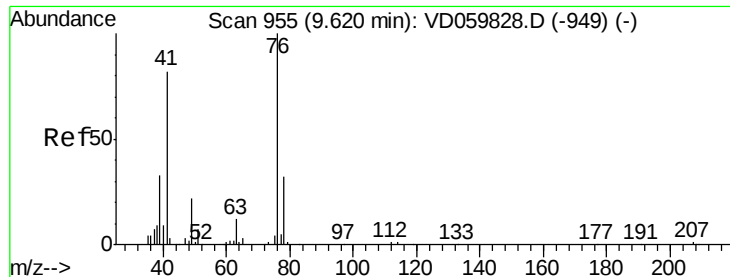
#56
 Ethyl methacrylate
 Concen: 19.067 ug/l
 RT: 9.27 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Tgt Ion:	69	Resp:	179846
Ion	Ratio	Lower	Upper
69	100		
41	88.7	71.0	106.4
39	50.8	38.0	57.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 19.406 ug/l

RT: 9.63 min Scan# 955

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

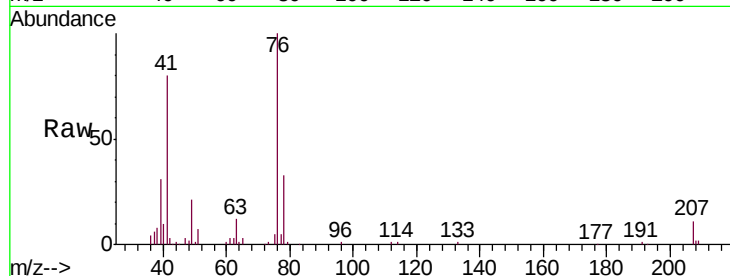
VD0821SBS01

Tgt Ion: 76 Resp: 232089

Ion Ratio Lower Upper

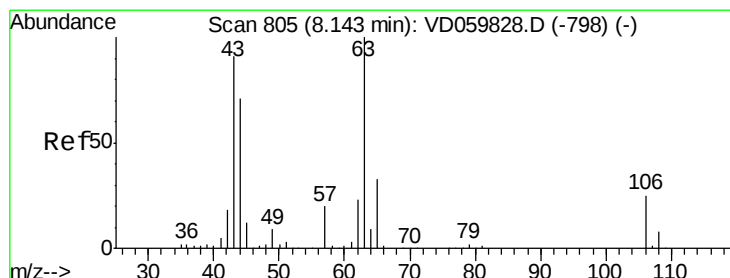
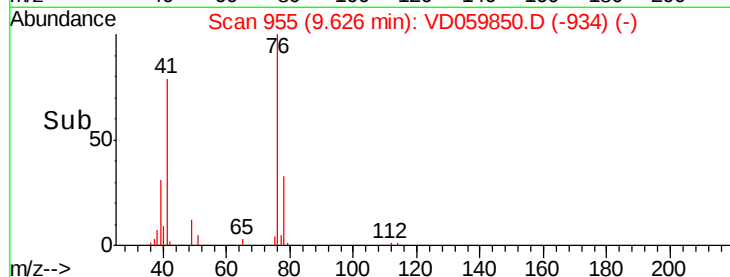
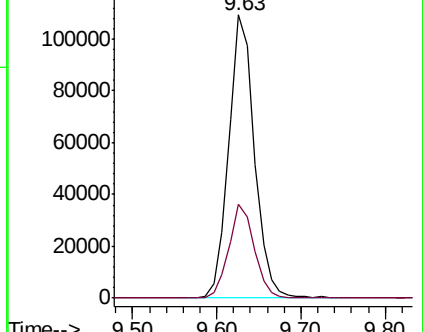
76 100

78 33.1 25.5 38.3



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 93.345 ug/l

RT: 8.15 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD059850.D

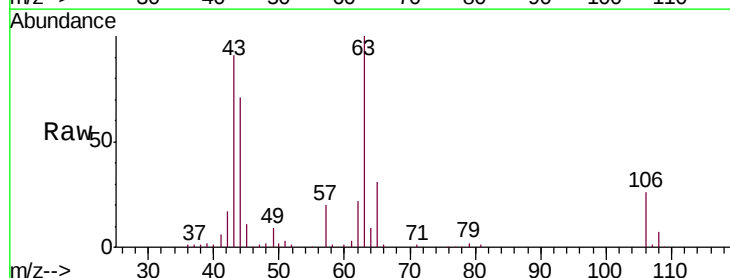
Acq: 21 Aug 2018 12:35

Tgt Ion: 63 Resp: 513236

Ion Ratio Lower Upper

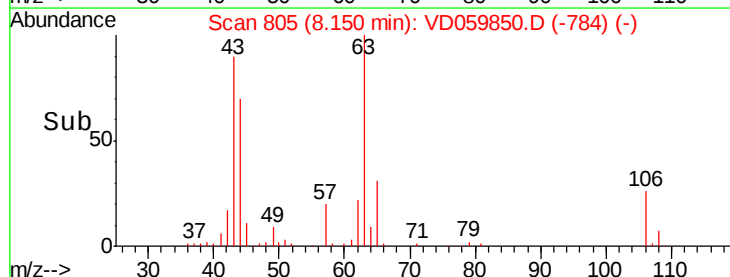
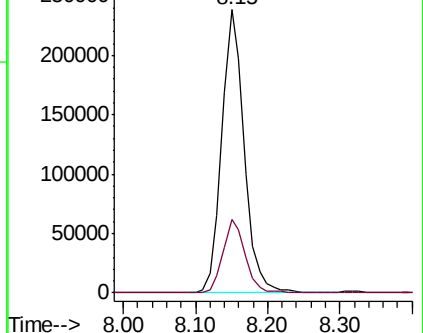
63 100

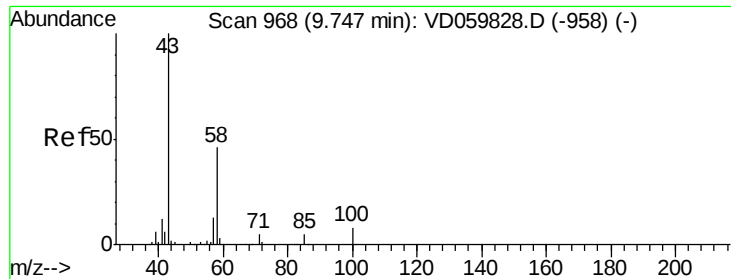
106 25.8 19.6 29.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

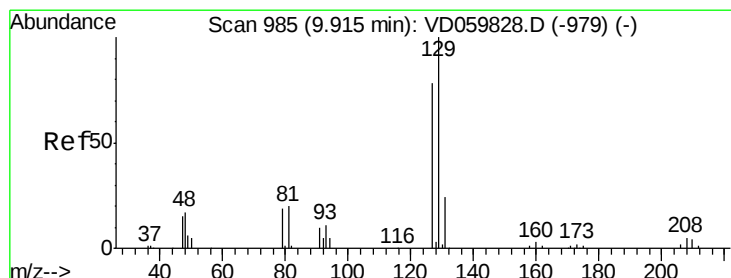
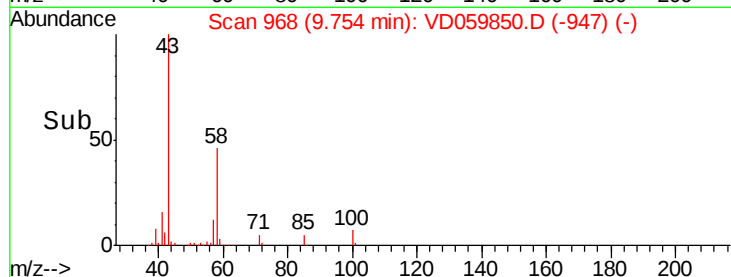
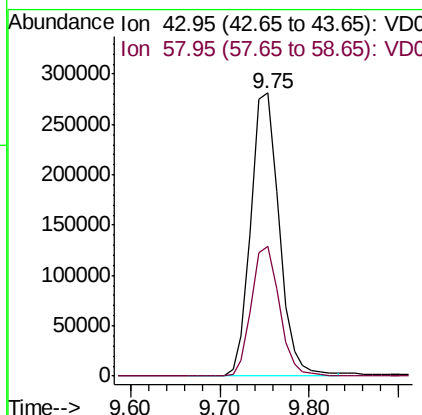
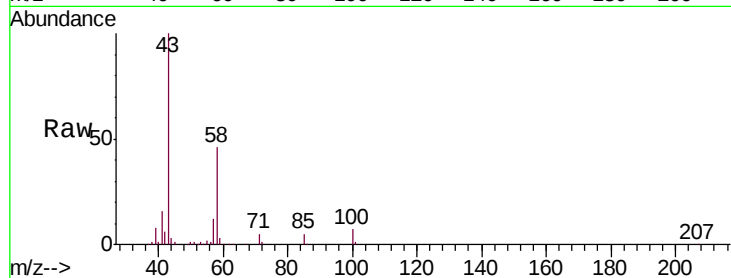




#59
2-Hexanone
Concen: 88.078 ug/l
RT: 9.75 min Scan# 968
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

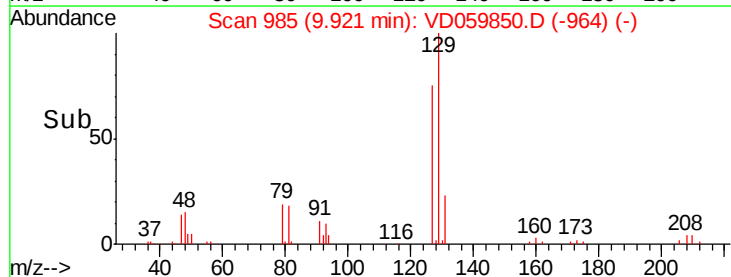
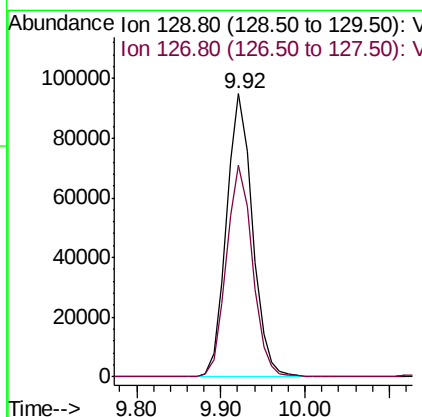
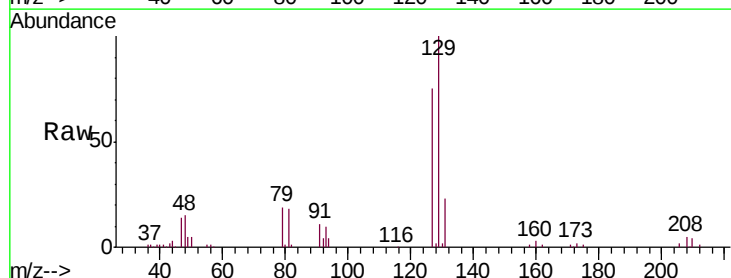
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

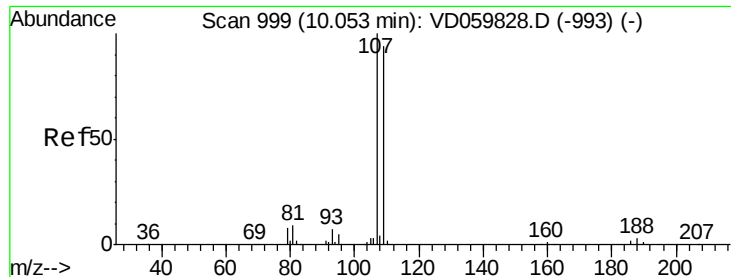
Tgt Ion: 43 Resp: 617255
Ion Ratio Lower Upper
43 100
58 45.8 23.1 69.2



#60
Dibromochloromethane
Concen: 19.373 ug/l
RT: 9.92 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Tgt Ion: 129 Resp: 204055
Ion Ratio Lower Upper
129 100
127 75.0 39.0 116.9

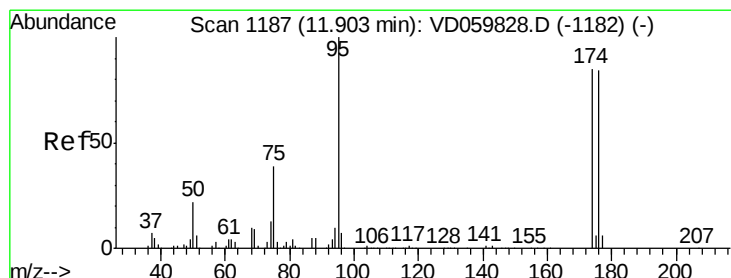
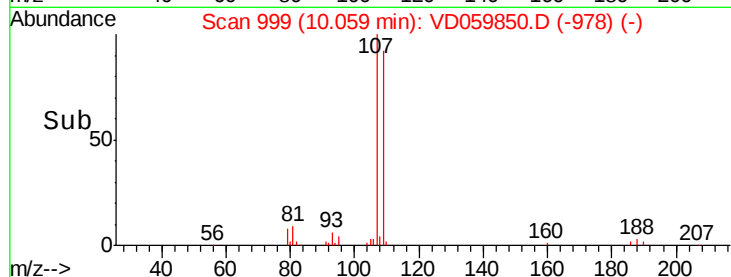
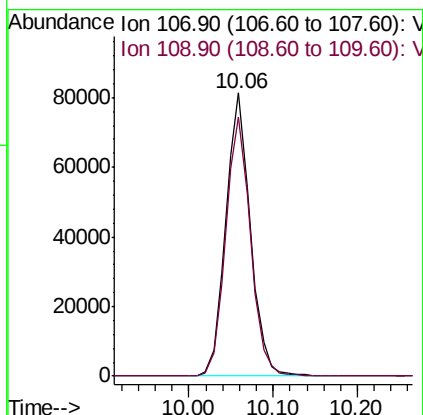
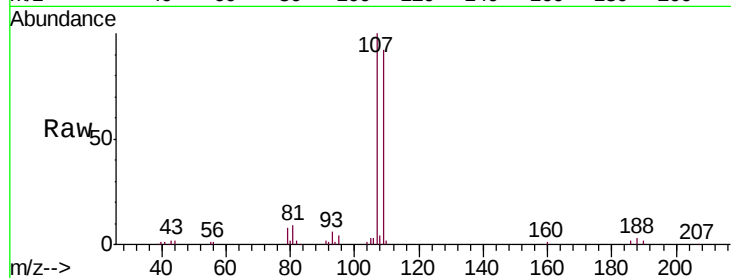




#61
 1,2-Dibromoethane
 Concen: 18.815 ug/l
 RT: 10.06 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

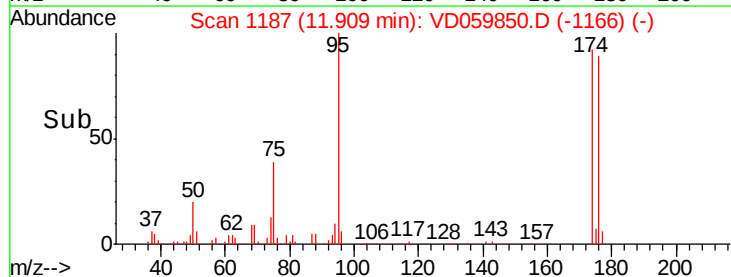
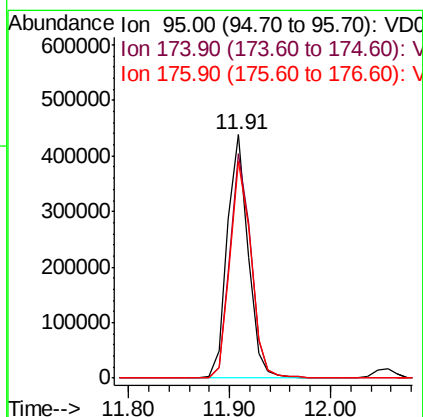
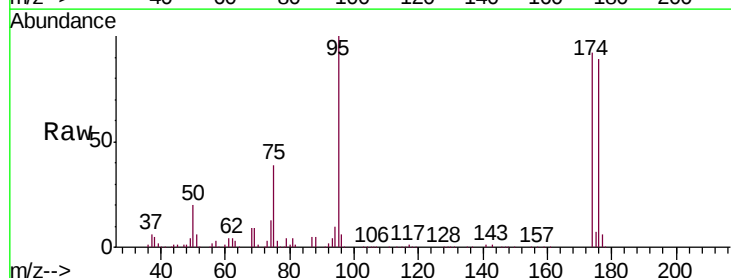
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

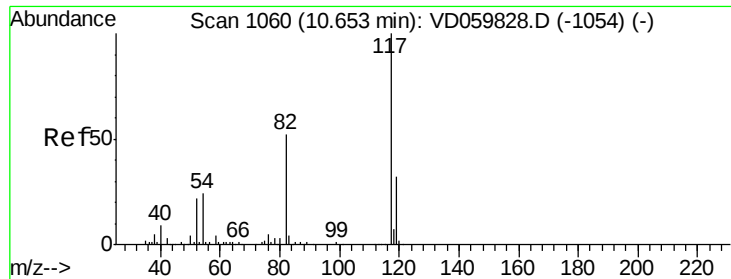
Tgt Ion: 107 Resp: 164454
 Ion Ratio Lower Upper
 107 100
 109 91.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 18.815 ug/l
 RT: 11.91 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Tgt Ion: 95 Resp: 627980
 Ion Ratio Lower Upper
 95 100
 174 92.0 0.0 169.2
 176 89.0 0.0 168.0

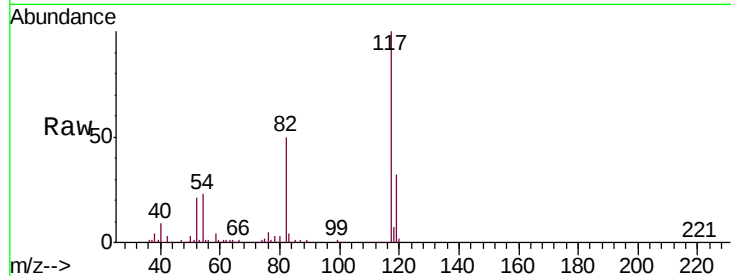




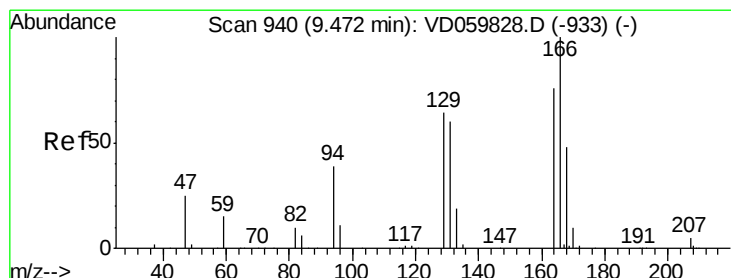
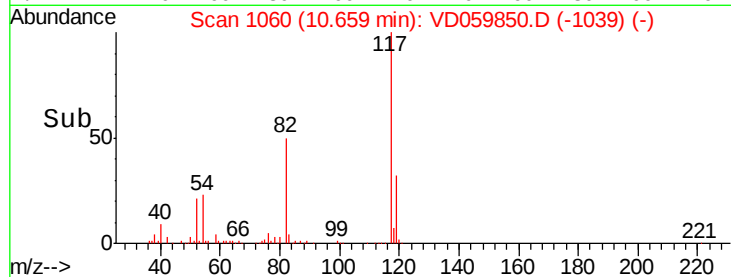
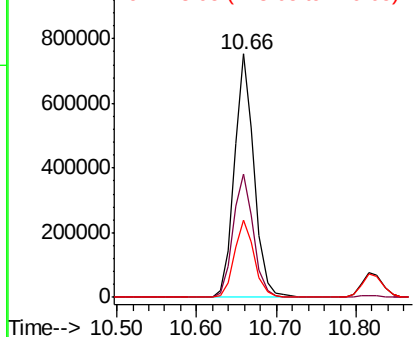
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.66 min Scan# 1060
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

Tgt Ion:117 Resp: 1294234
Ion Ratio Lower Upper
117 100
82 50.5 41.6 62.4
119 31.8 25.6 38.4

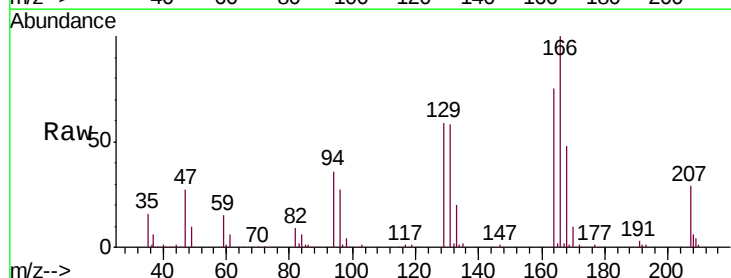


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

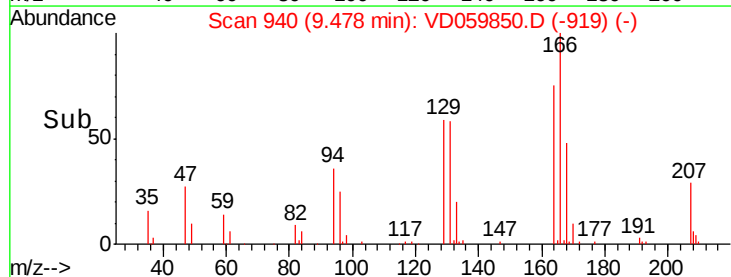
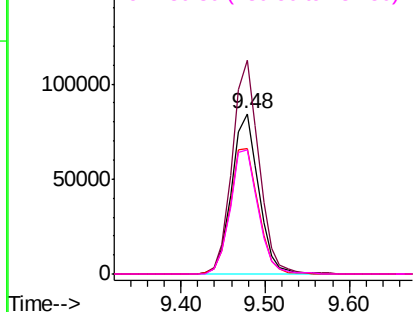


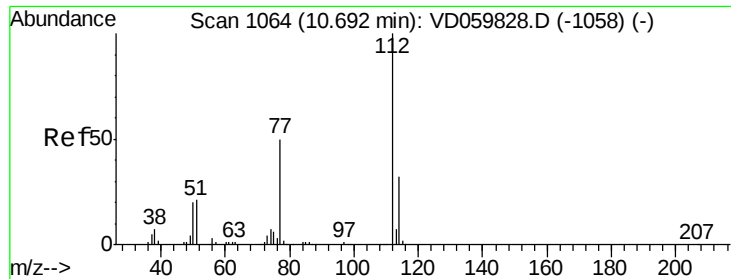
#64
Tetrachloroethene
Concen: 19.881 ug/l
RT: 9.48 min Scan# 940
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Tgt Ion:164 Resp: 188398
Ion Ratio Lower Upper
164 100
166 132.9 104.9 157.3
129 78.0 66.7 100.1
131 77.7 63.1 94.7



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

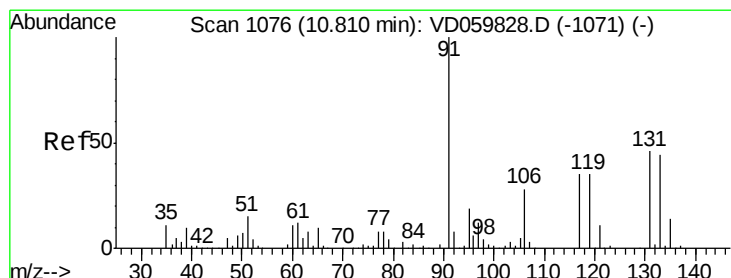
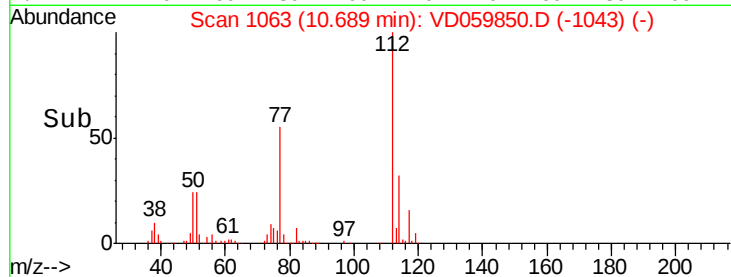
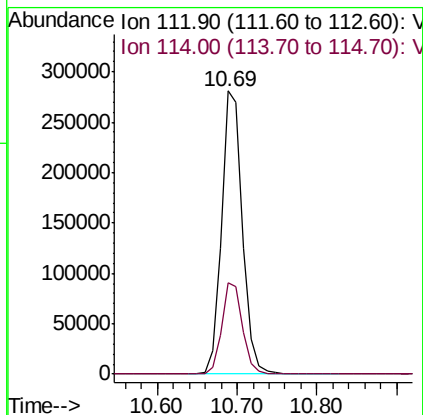
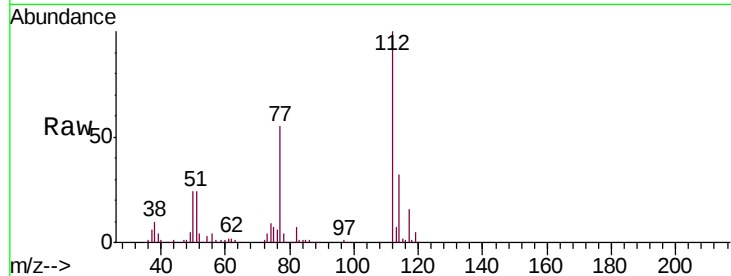




#65
Chlorobenzene
Concen: 20.759 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

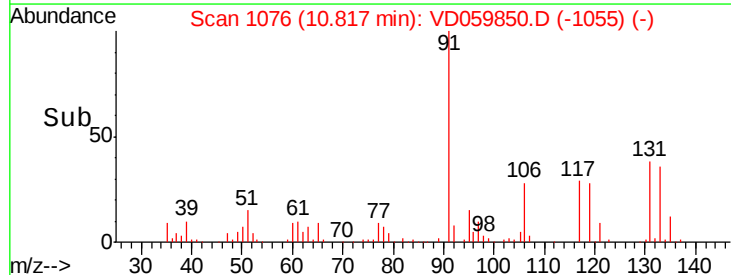
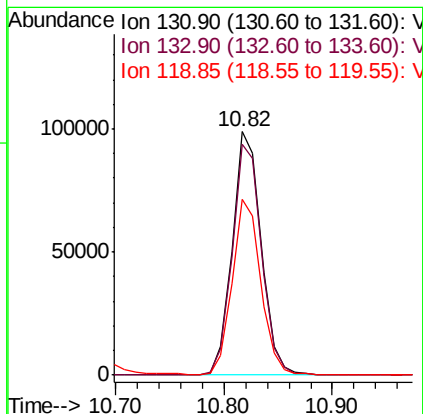
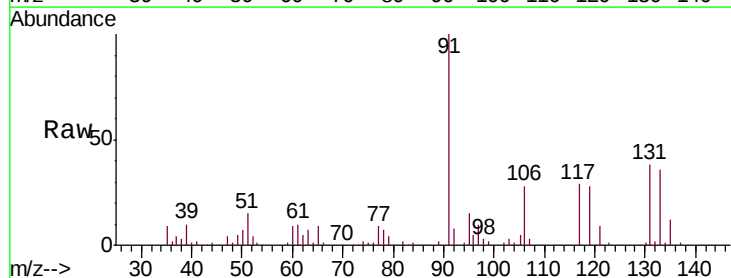
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

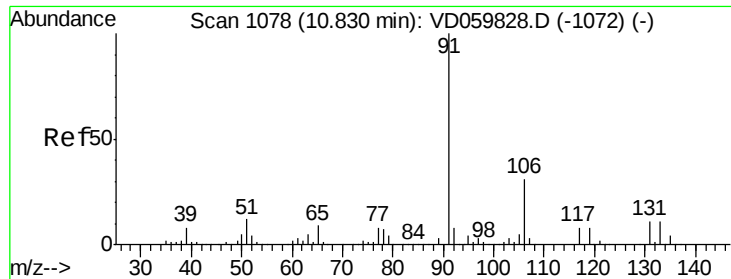
Tgt Ion:112 Resp: 518170
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.508 ug/l
RT: 10.82 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Tgt Ion:131 Resp: 183235
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 72.1 37.5 112.7

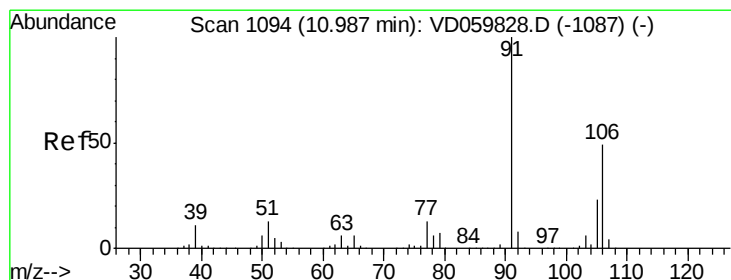
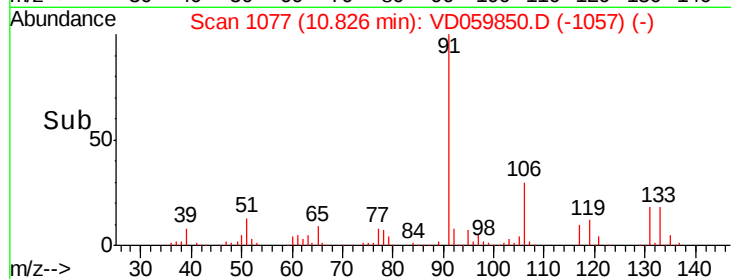
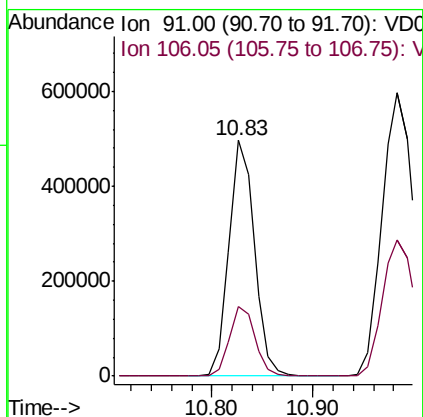
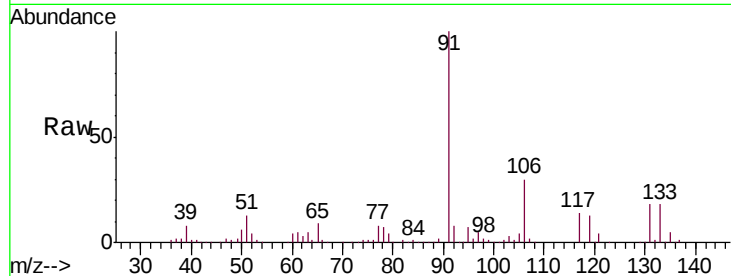




#67
Ethyl Benzene
Concen: 19.434 ug/l
RT: 10.83 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

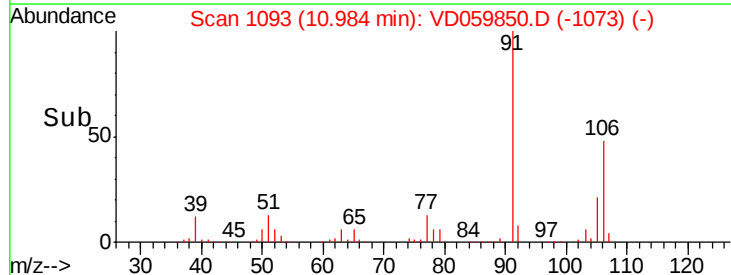
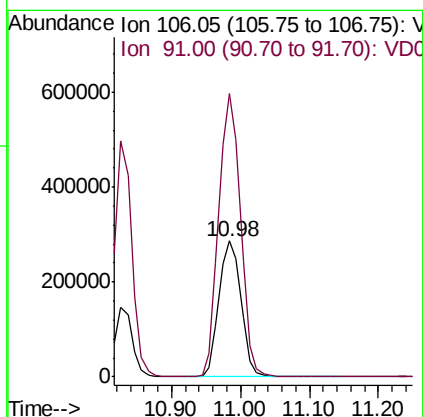
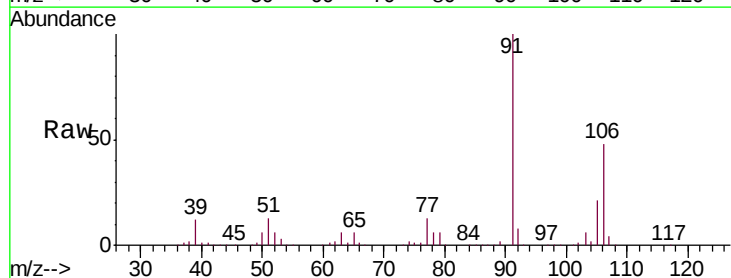
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

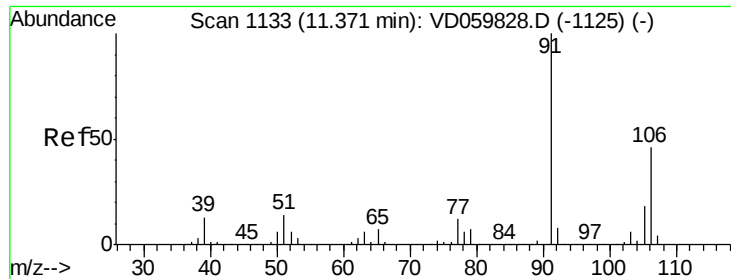
Tgt Ion: 91 Resp: 869923
Ion Ratio Lower Upper
91 100
106 29.6 25.1 37.7



#68
m/p-Xylenes
Concen: 38.779 ug/l
RT: 10.98 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Tgt Ion: 106 Resp: 636512
Ion Ratio Lower Upper
106 100
91 208.8 161.8 242.8

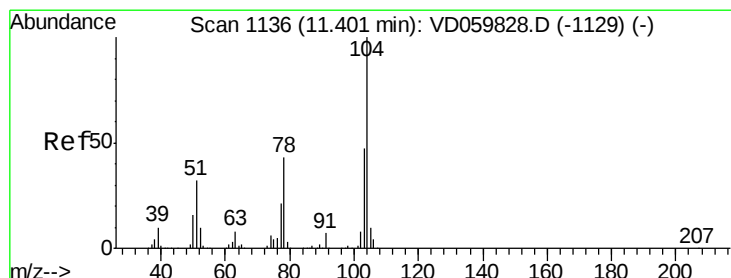
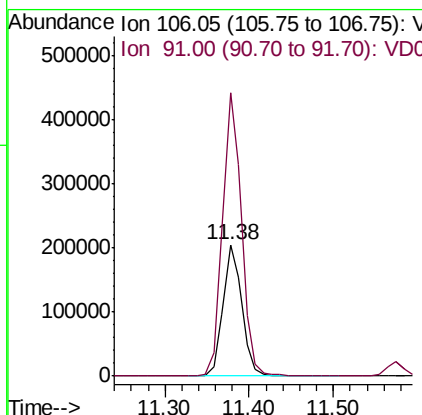
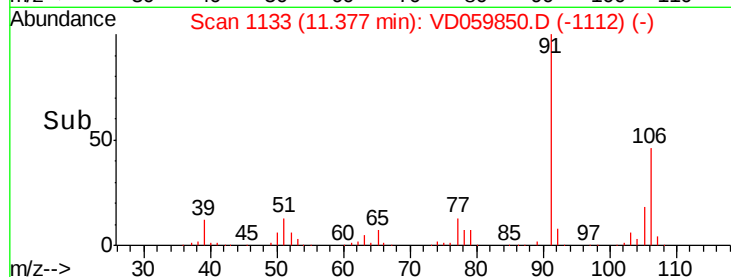
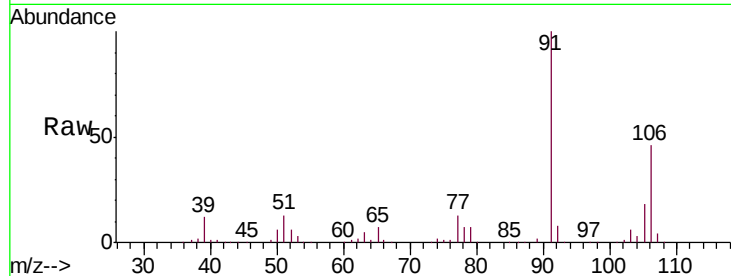




#69
o-Xylene
Concen: 21.914 ug/l
RT: 11.38 min Scan# 1133
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

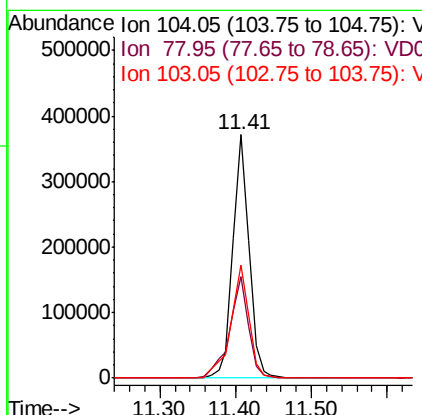
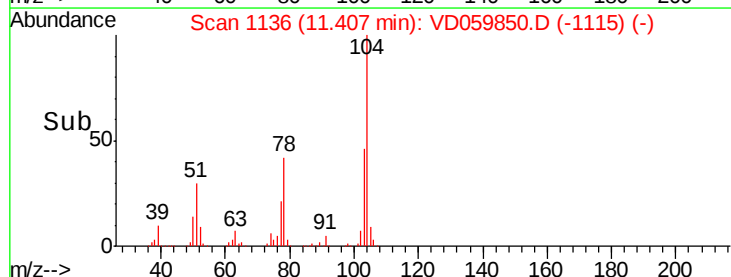
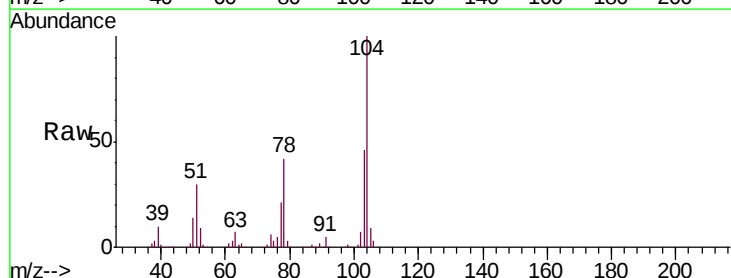
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

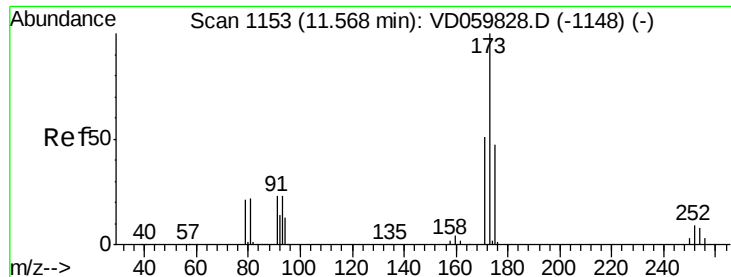
Tgt Ion:106 Resp: 316955
Ion Ratio Lower Upper
106 100
91 215.5 108.5 325.3



#70
Styrene
Concen: 21.673 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Tgt Ion:104 Resp: 545837
Ion Ratio Lower Upper
104 100
78 41.6 34.6 52.0
103 46.3 37.8 56.6





#71

Bromoform

Concen: 19.330 ug/l

RT: 11.57 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

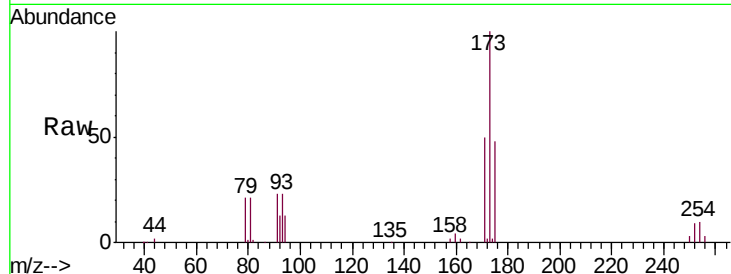
Tgt Ion:173 Resp: 147986

Ion Ratio Lower Upper

173 100

175 48.4 23.7 71.1

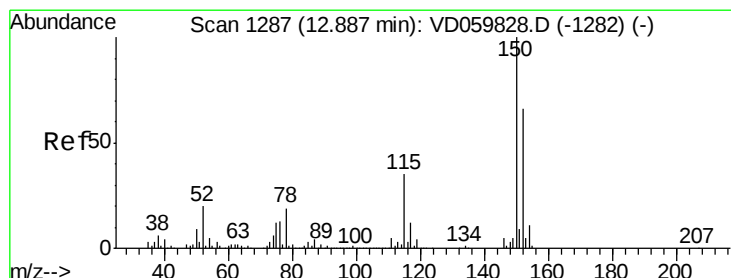
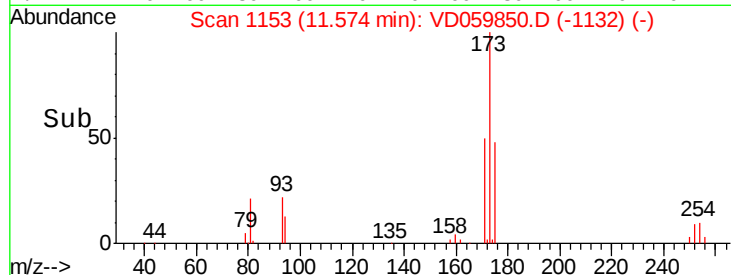
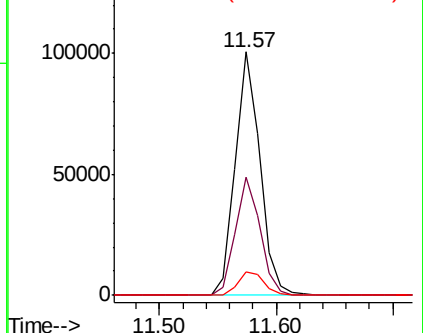
254 9.5 6.7 10.1



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

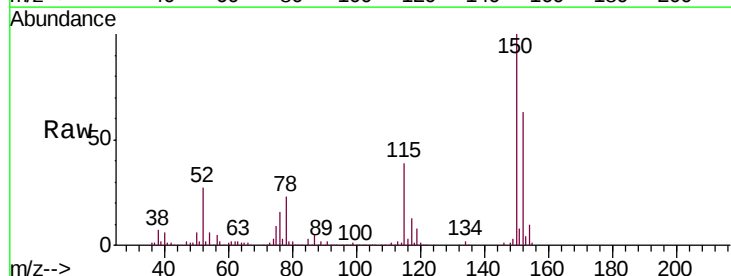
Tgt Ion:152 Resp: 624546

Ion Ratio Lower Upper

152 100

115 61.7 26.9 80.6

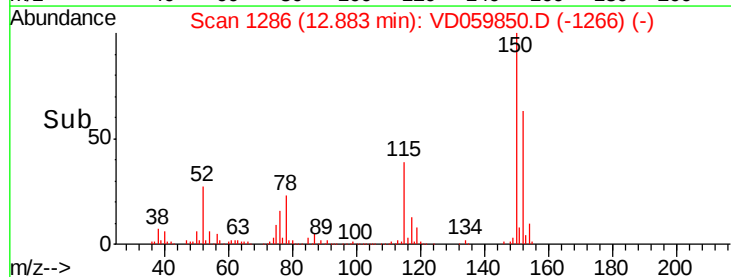
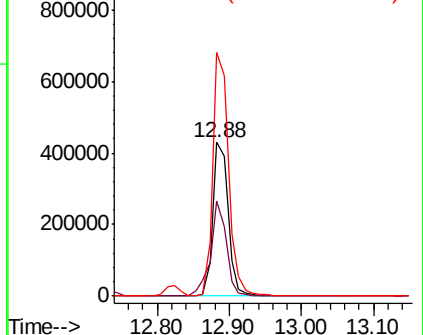
150 158.7 0.0 306.8

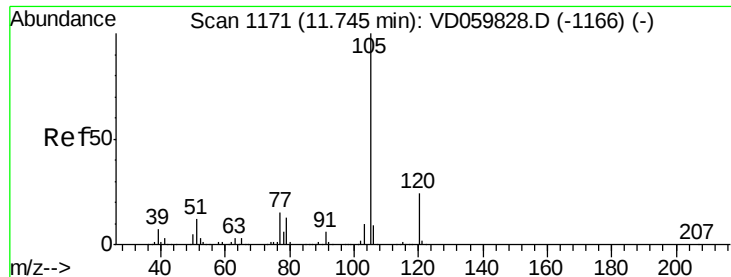


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.127 ug/l

RT: 11.75 min Scan# 1171

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

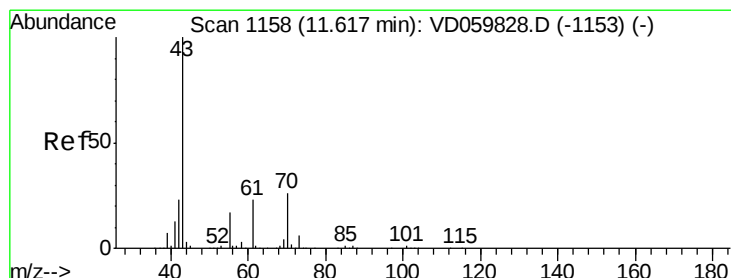
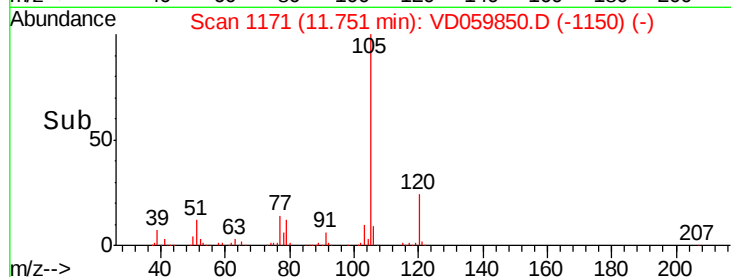
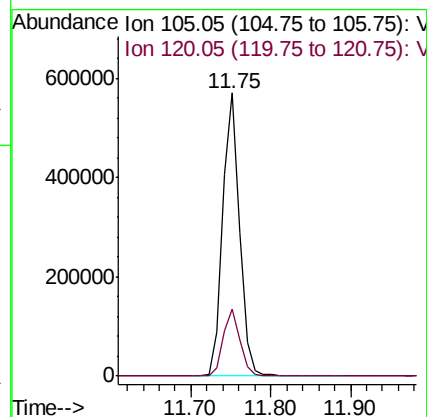
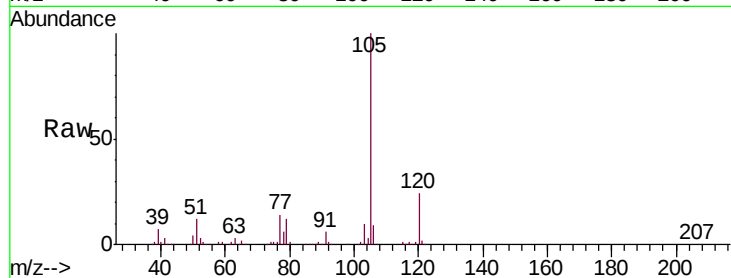
VD0821SBS01

Tgt Ion: 105 Resp: 856641

Ion Ratio Lower Upper

105 100

120 23.7 11.9 35.5



#74

N-ethyl acetate

Concen: 17.740 ug/l

RT: 11.62 min Scan# 1158

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Tgt Ion: 43 Resp: 338100

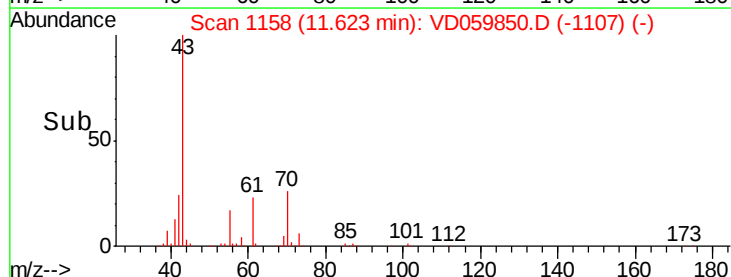
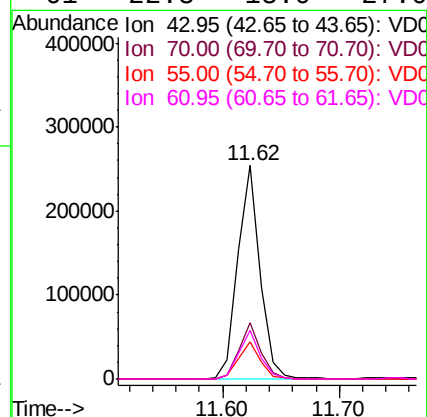
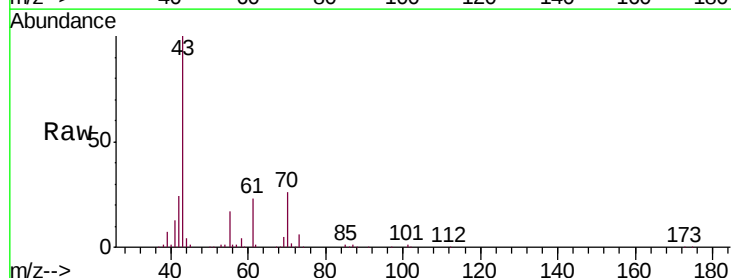
Ion Ratio Lower Upper

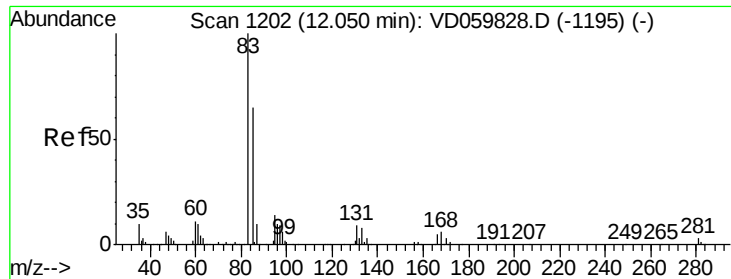
43 100

70 26.3 20.5 30.7

55 17.3 13.7 20.5

61 22.8 18.0 27.0

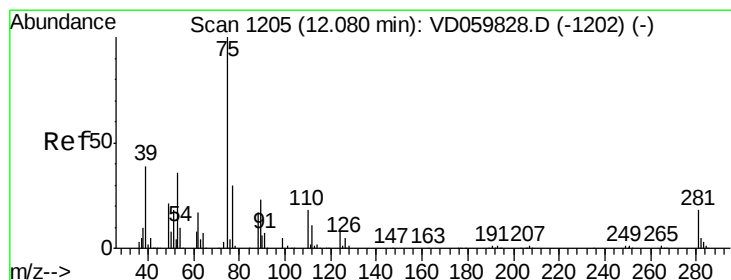
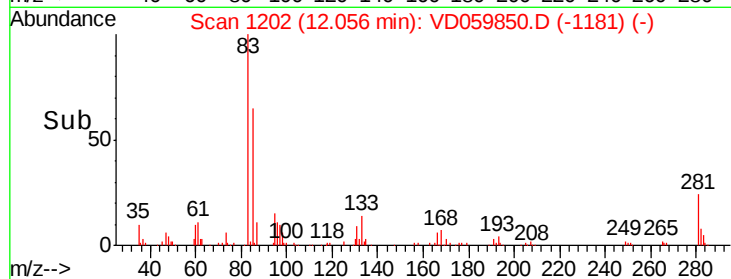
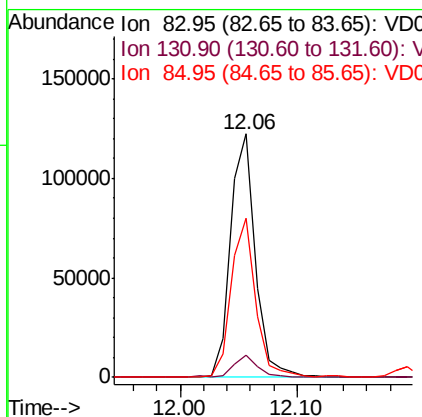
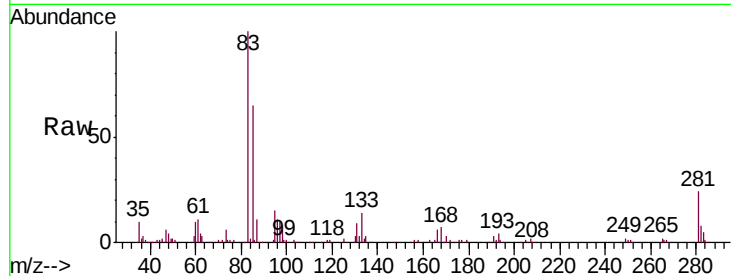




#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.975 ug/l
 RT: 12.06 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

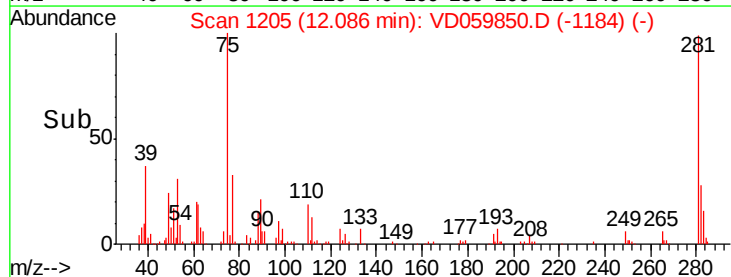
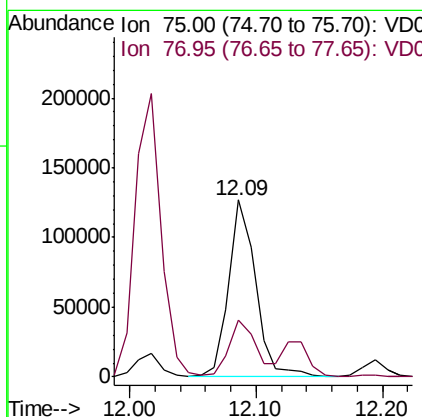
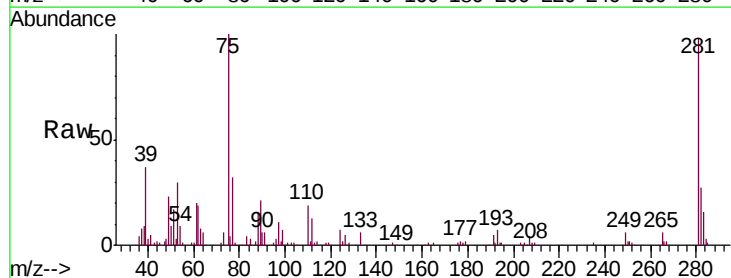
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

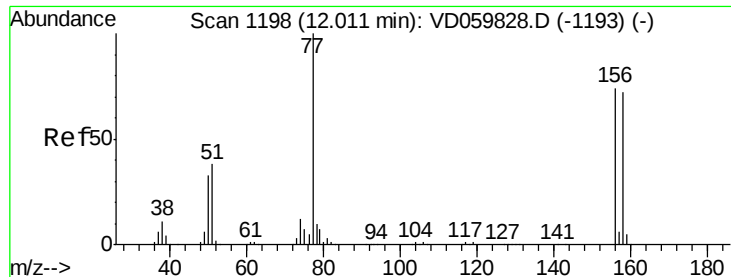
Tgt Ion: 83 Resp: 180331
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.3 13.1
 85 65.5 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 17.992 ug/l
 RT: 12.09 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Tgt Ion: 75 Resp: 185900
 Ion Ratio Lower Upper
 75 100
 77 32.3 16.0 47.9





#77

Bromobenzene

Concen: 19.599 ug/l

RT: 12.02 min Scan# 1198

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

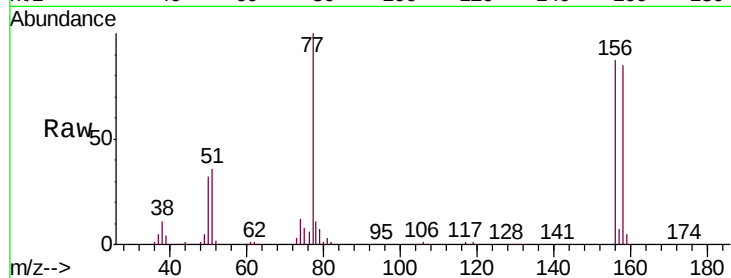
Tgt Ion:156 Resp: 231866

Ion Ratio Lower Upper

156 100

77 115.5 68.0 204.0

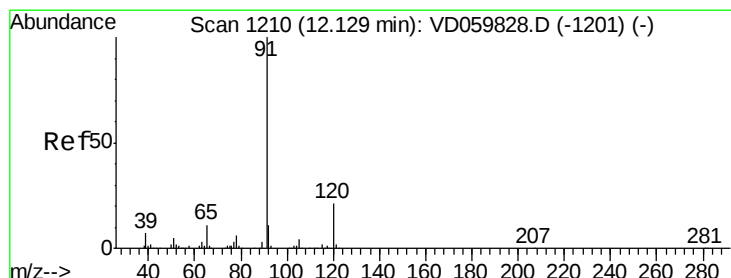
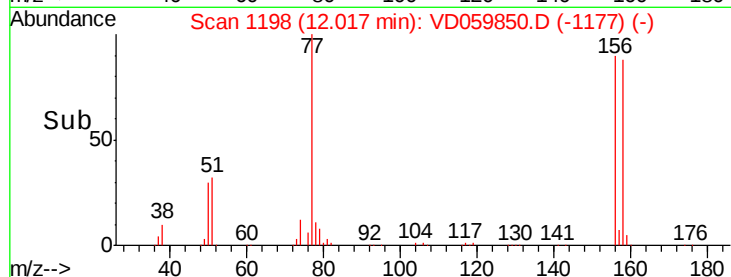
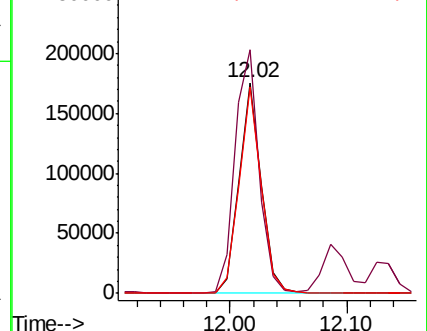
158 98.1 48.9 146.8



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 20.847 ug/l

RT: 12.14 min Scan# 1210

Delta R.T. 0.01 min

Lab File: VD059850.D

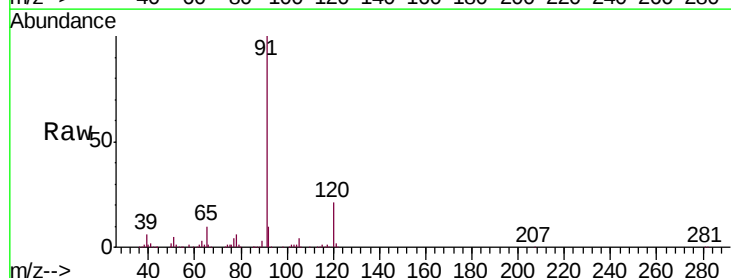
Acq: 21 Aug 2018 12:35

Tgt Ion: 91 Resp: 1102069

Ion Ratio Lower Upper

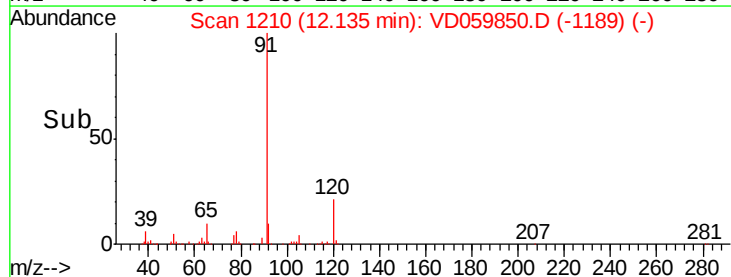
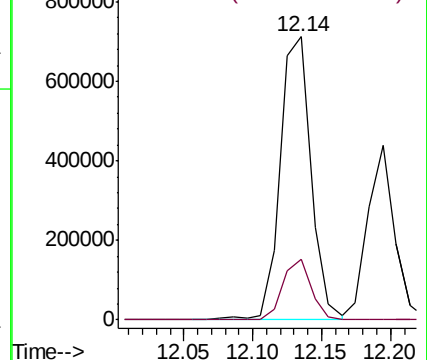
91 100

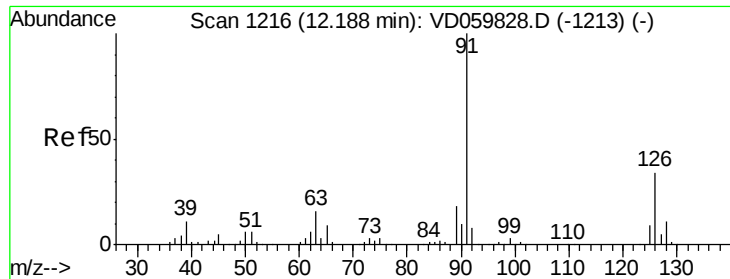
120 21.3 10.5 31.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

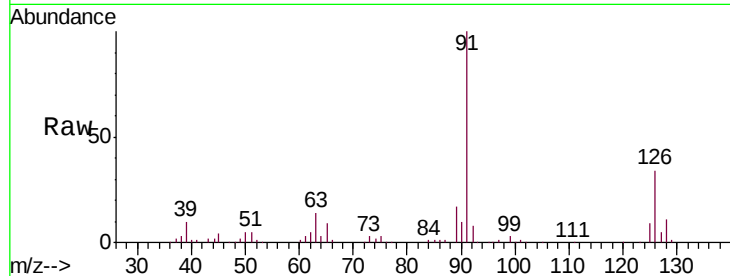




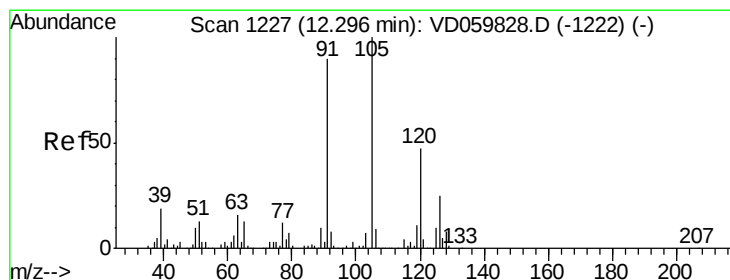
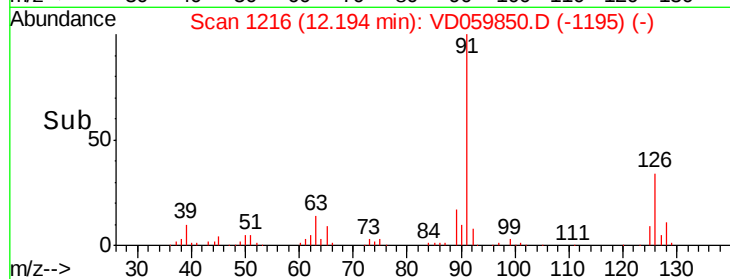
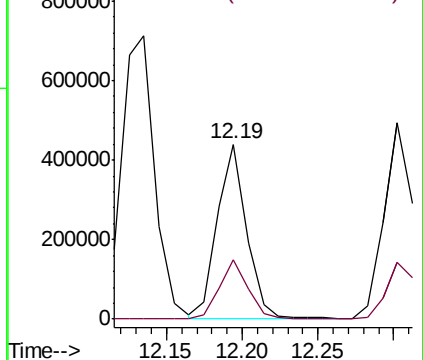
#79
 2-Chlorotoluene
 Concen: 19.389 ug/l
 RT: 12.19 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

Tgt Ion: 91 Resp: 590090
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.6 49.8

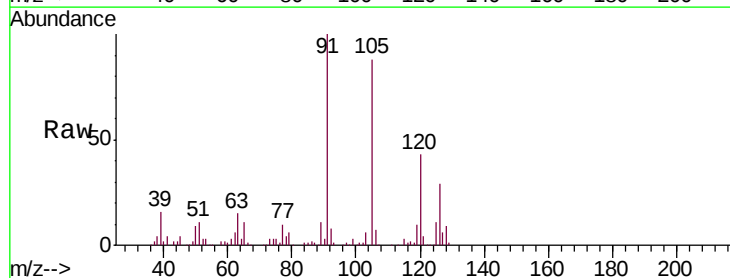


Abundance Ion 91.00 (90.70 to 91.70): VDC
 Ion 125.95 (125.65 to 126.65): V

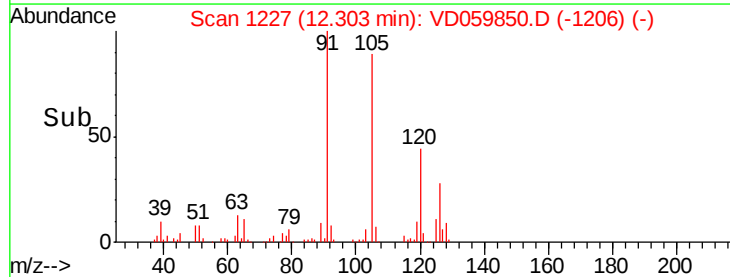
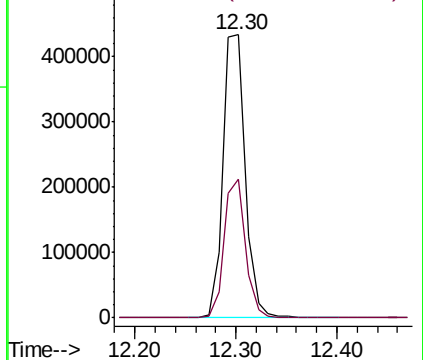


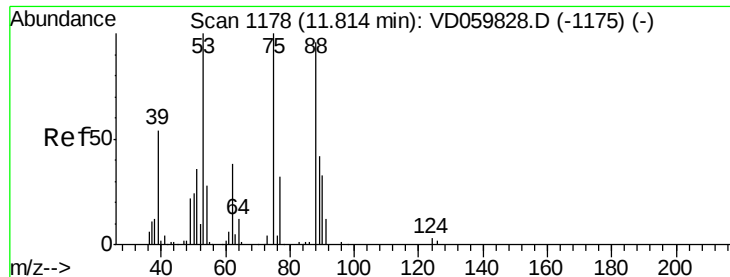
#80
 1,3,5-Trimethylbenzene
 Concen: 18.953 ug/l
 RT: 12.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Tgt Ion: 105 Resp: 664762
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.5 70.6



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.022 ug/l

RT: 11.82 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

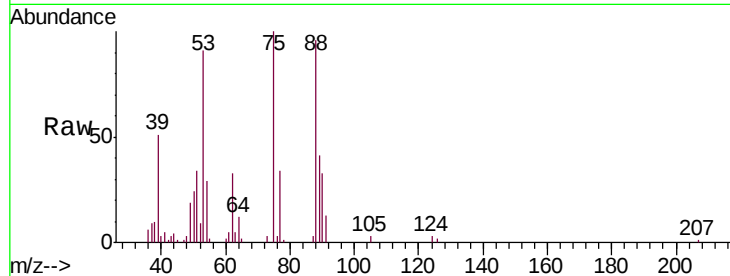
Tgt Ion: 75 Resp: 54982

Ion Ratio Lower Upper

75 100

53 91.5 80.7 121.1

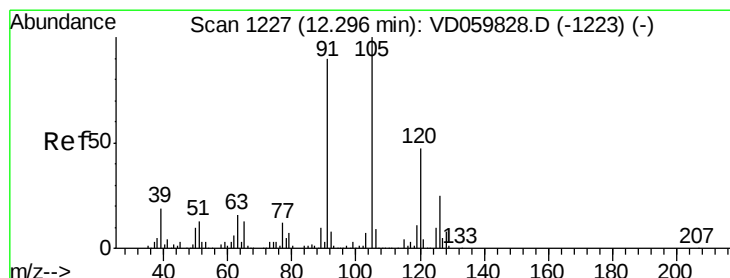
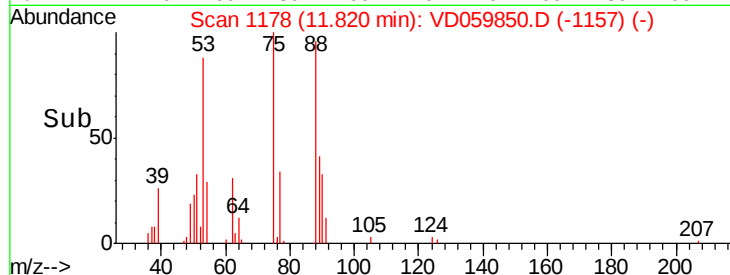
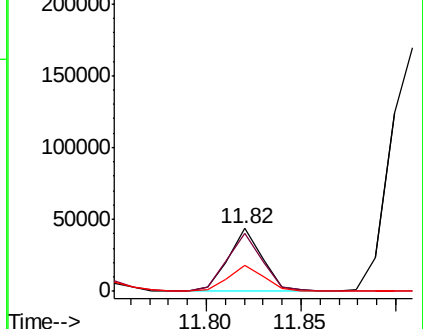
89 40.7 33.9 50.9



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 19.385 ug/l

RT: 12.30 min Scan# 1227

Delta R.T. 0.01 min

Lab File: VD059850.D

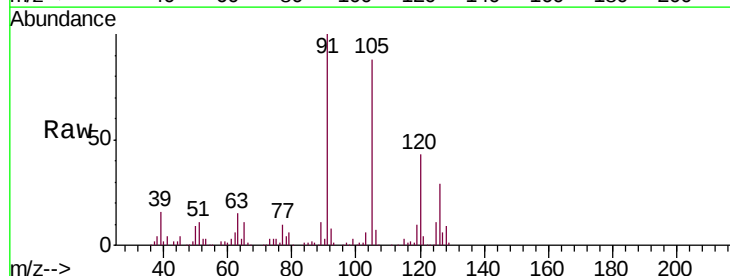
Acq: 21 Aug 2018 12:35

Tgt Ion: 91 Resp: 671107

Ion Ratio Lower Upper

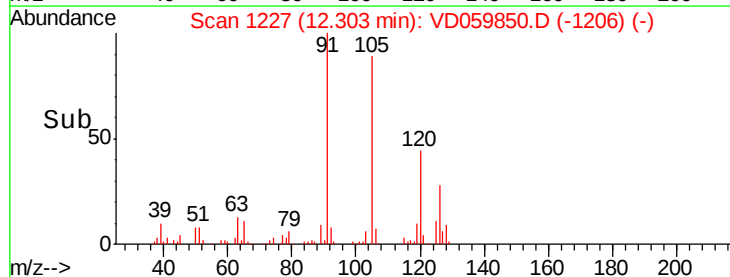
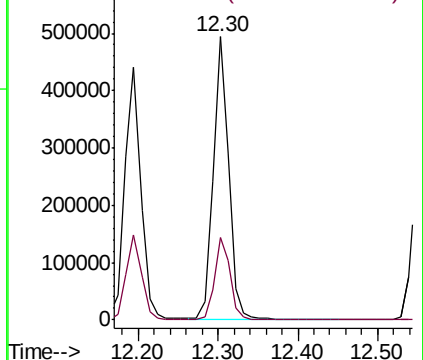
91 100

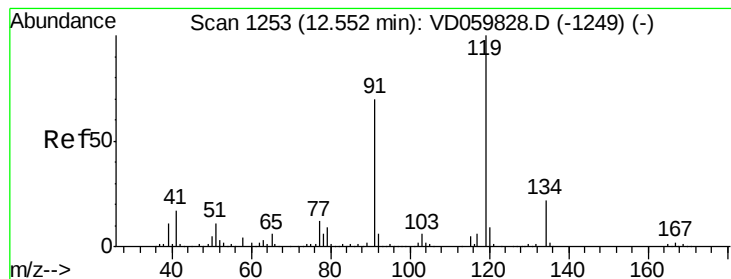
126 29.0 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V





#83

tert-Butylbenzene

Concen: 21.995 ug/l

RT: 12.56 min Scan# 1253

Delta R.T. 0.01 min

Lab File: VD059850.D

Acq: 21 Aug 2018 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

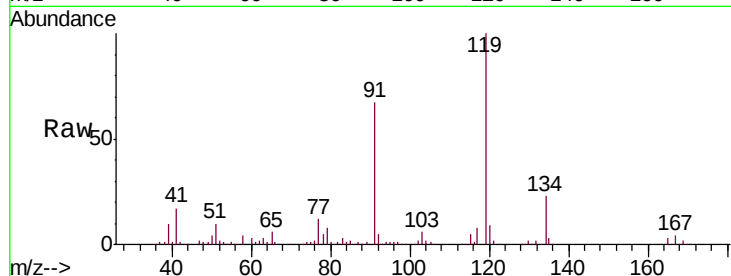
Tgt Ion:119 Resp: 738450

Ion Ratio Lower Upper

119 100

91 66.9 35.1 105.3

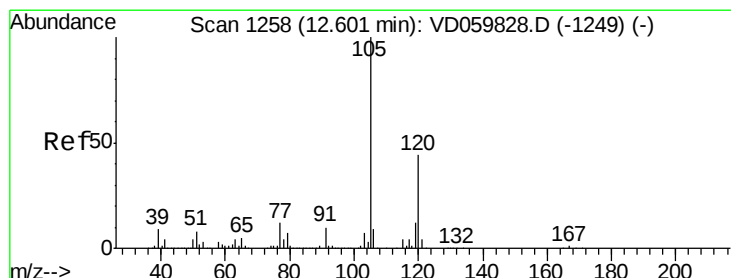
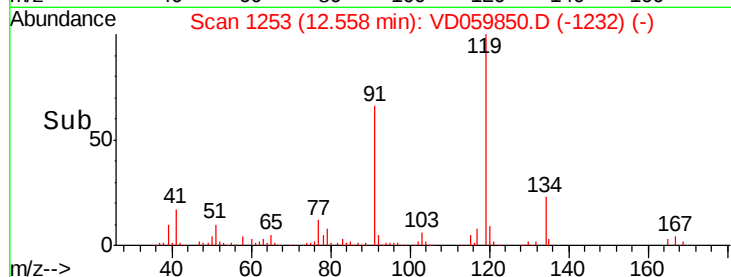
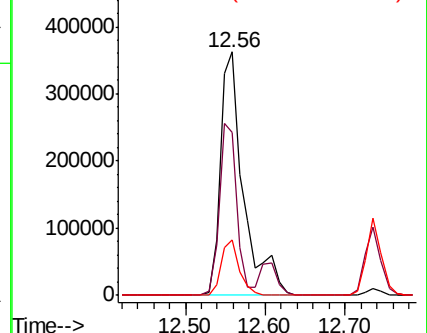
134 23.0 11.0 33.0



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.708 ug/l

RT: 12.61 min Scan# 1258

Delta R.T. 0.01 min

Lab File: VD059850.D

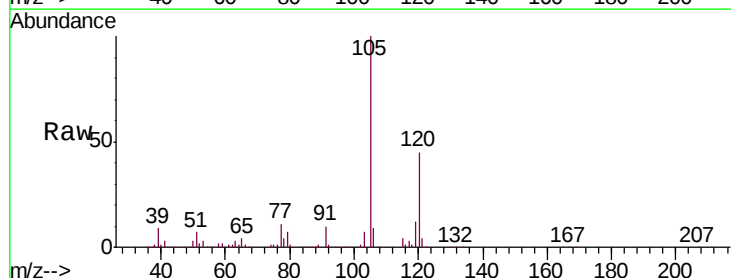
Acq: 21 Aug 2018 12:35

Tgt Ion:105 Resp: 690221

Ion Ratio Lower Upper

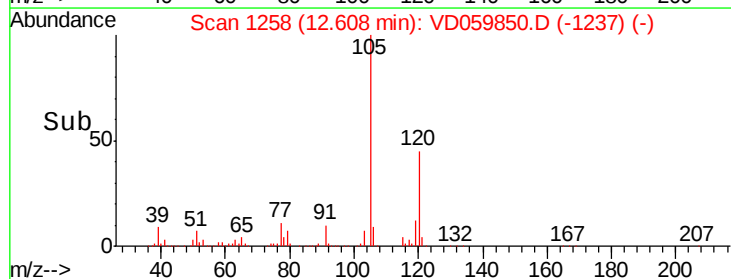
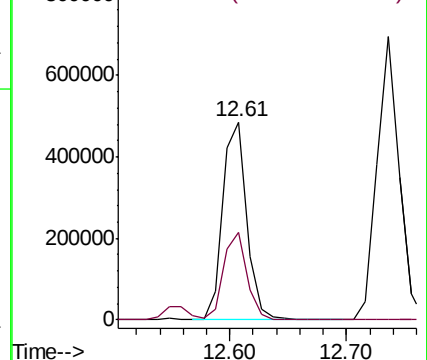
105 100

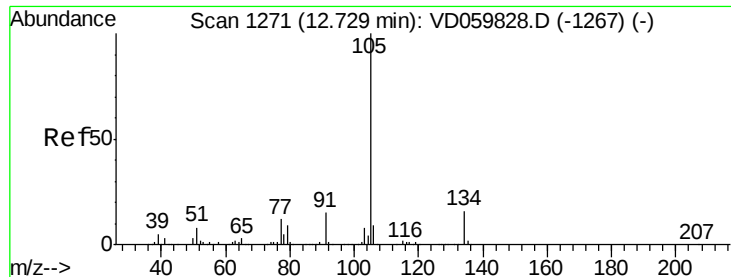
120 44.5 22.0 66.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

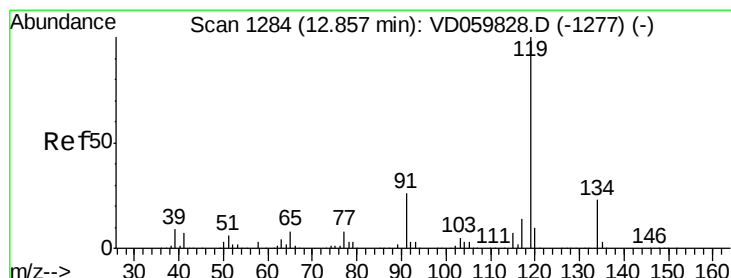
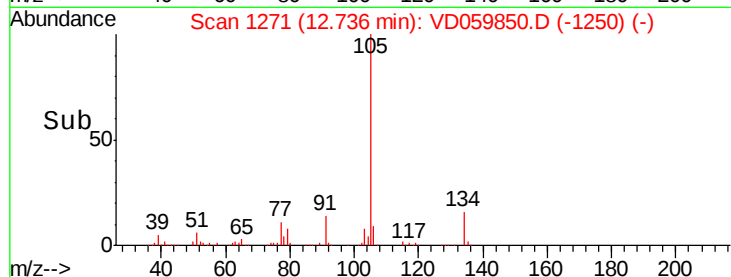
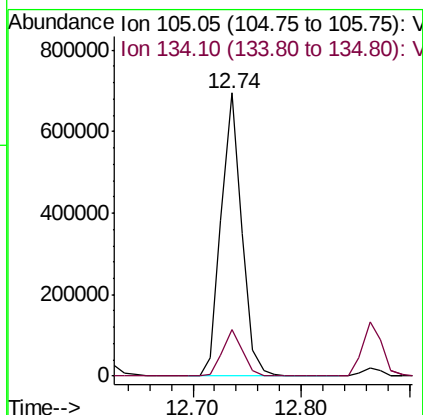
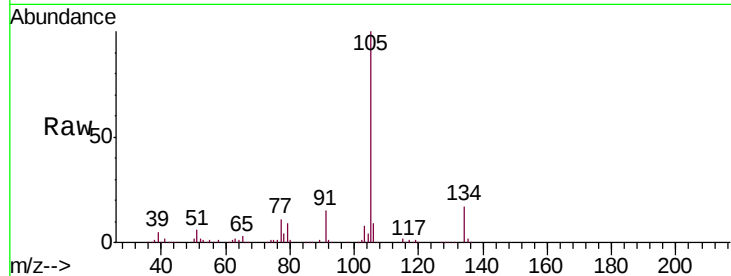




#85
 sec-Butylbenzene
 Concen: 20.649 ug/l
 RT: 12.74 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

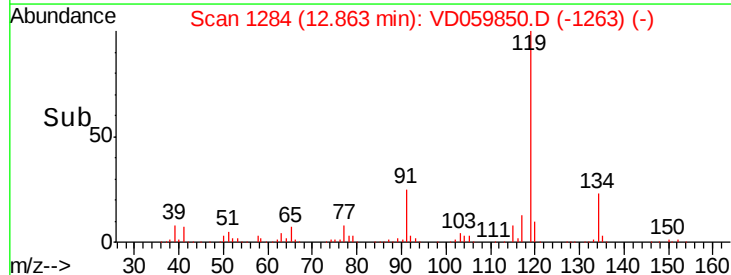
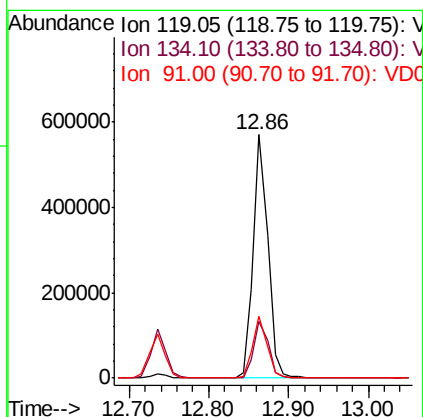
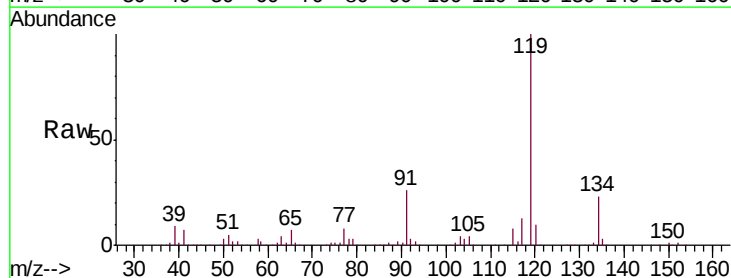
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

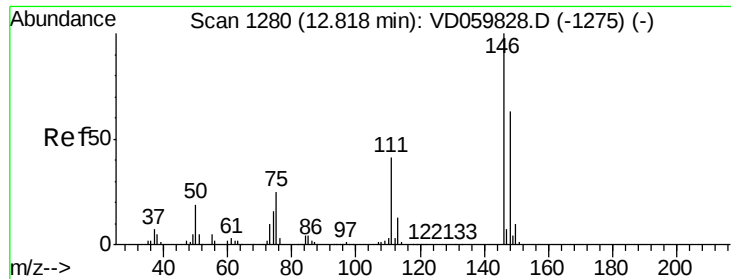
Tgt Ion:105 Resp: 919453
 Ion Ratio Lower Upper
 105 100
 134 16.5 7.8 23.5



#86
 p-Isopropyltoluene
 Concen: 20.176 ug/l
 RT: 12.86 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Tgt Ion:119 Resp: 704735
 Ion Ratio Lower Upper
 119 100
 134 23.3 11.5 34.5
 91 25.6 13.2 39.6

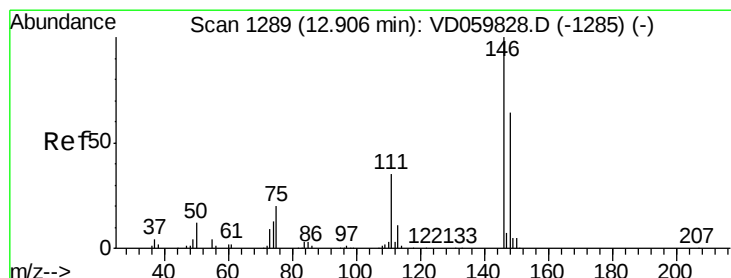
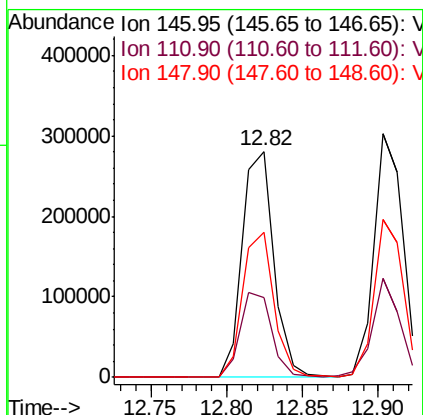
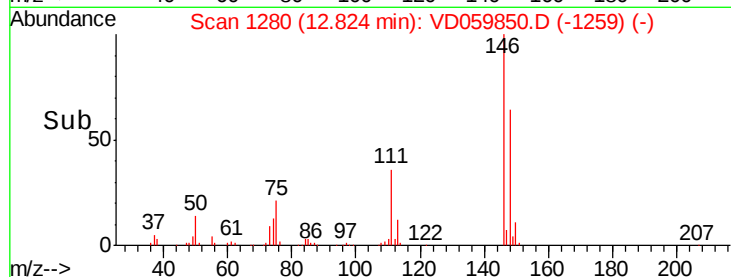
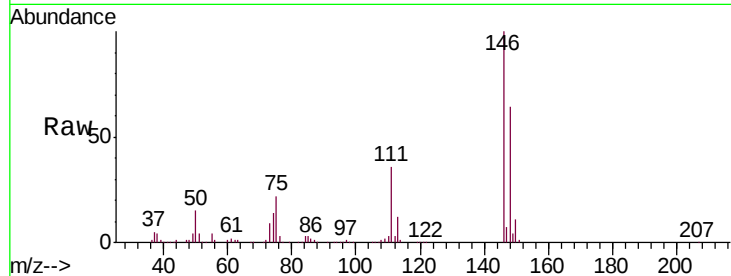




#87
 1,3-Dichlorobenzene
 Concen: 20.501 ug/l
 RT: 12.82 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

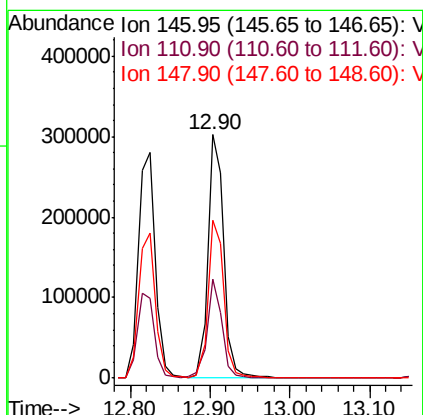
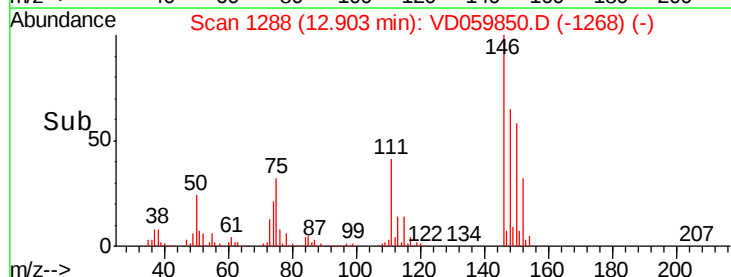
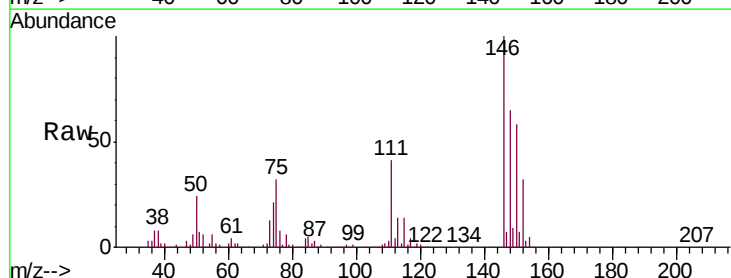
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

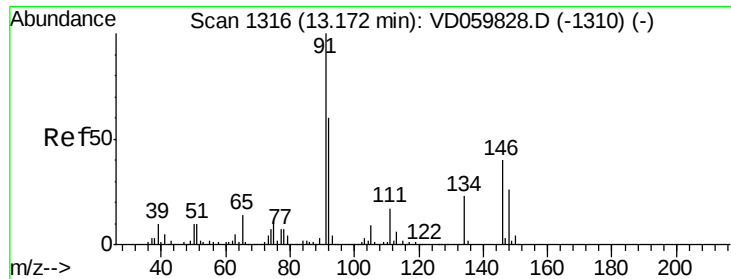
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	20.3	60.9
148	64.1	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 21.061 ug/l
 RT: 12.90 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	17.8	53.3
148	65.0	31.9	95.9

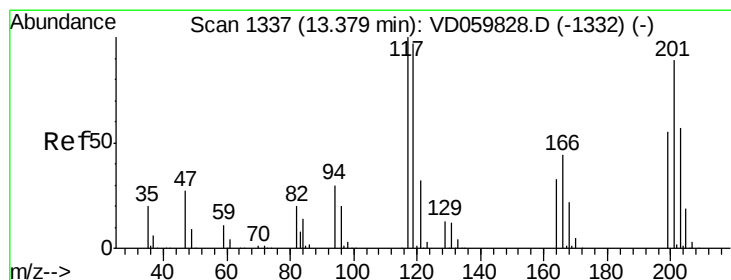
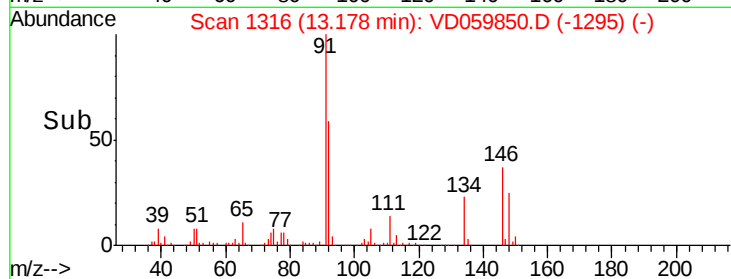
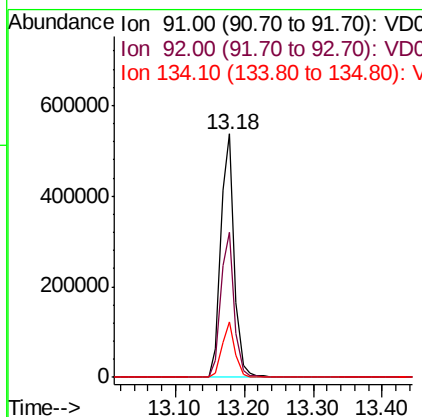
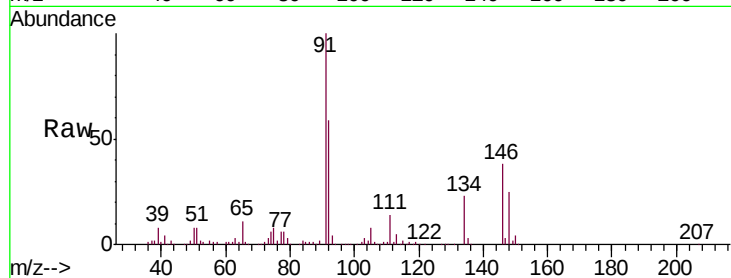




#89
n-Butylbenzene
Concen: 19.041 ug/l
RT: 13.18 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

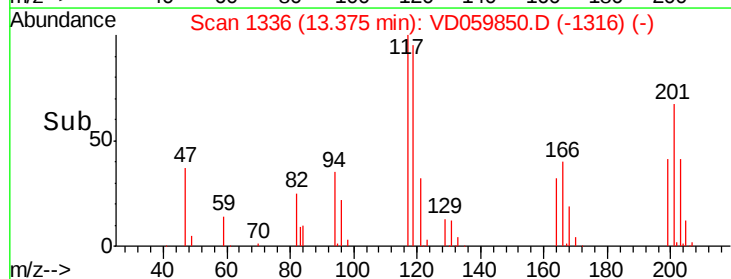
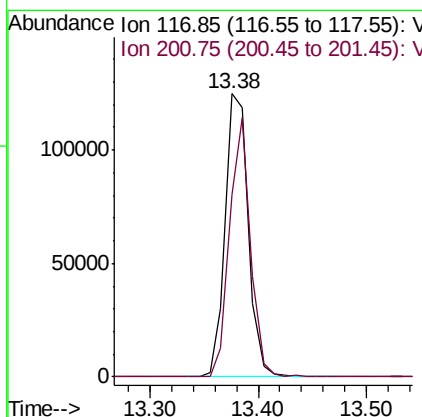
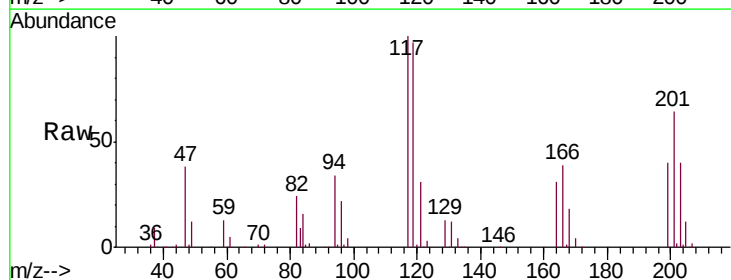
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

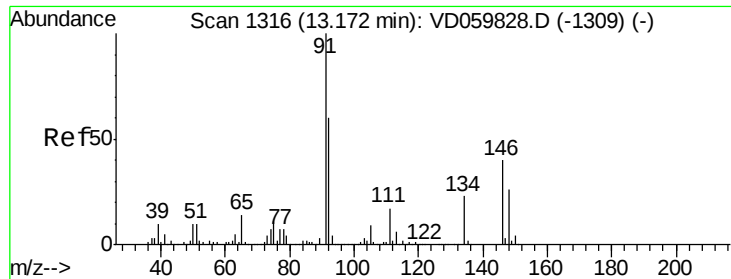
Tgt Ion: 91 Resp: 726989
Ion Ratio Lower Upper
91 100
92 59.4 29.8 89.5
134 23.0 11.5 34.4



#90
Hexachloroethane
Concen: 18.761 ug/l
RT: 13.38 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Tgt Ion: 117 Resp: 186972
Ion Ratio Lower Upper
117 100
201 64.4 44.6 134.0

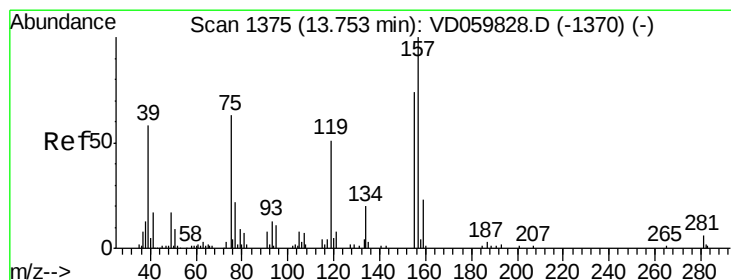
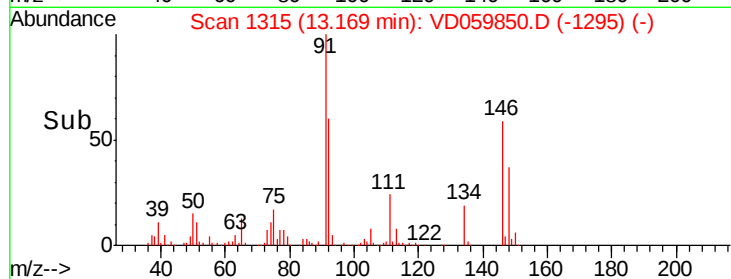
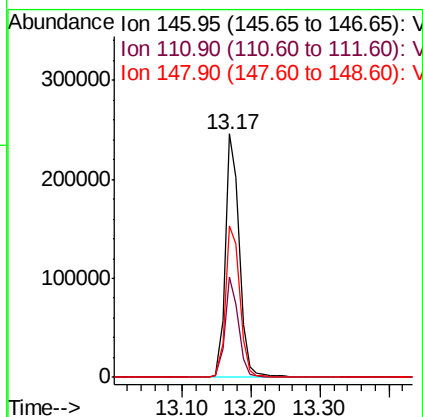
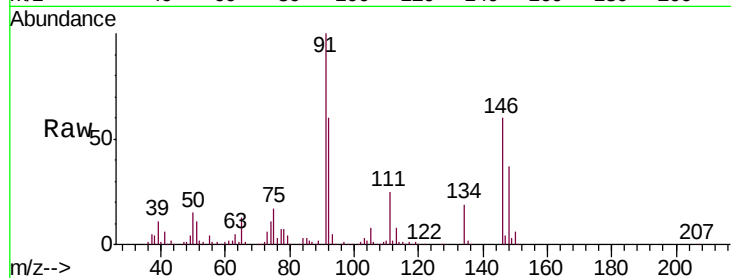




#91
 1,2-Dichlorobenzene
 Concen: 19.891 ug/l
 RT: 13.17 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

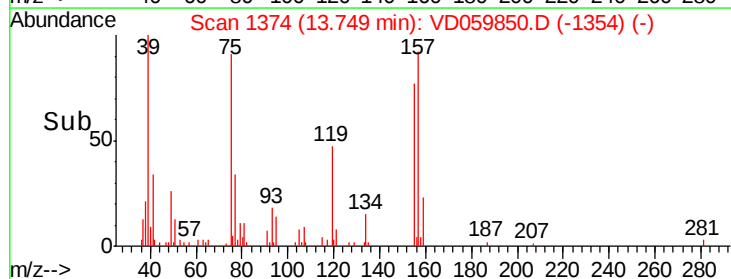
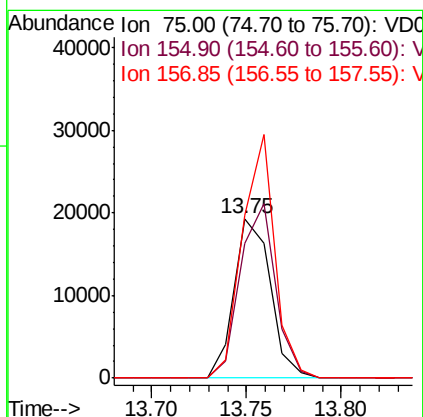
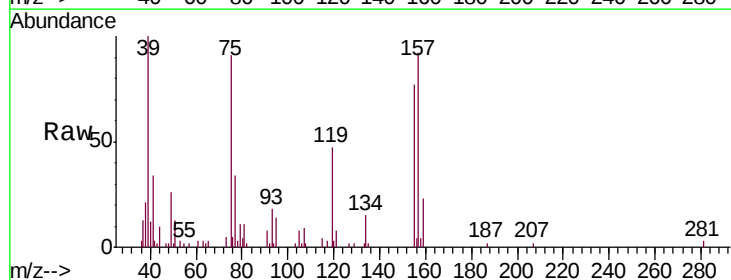
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

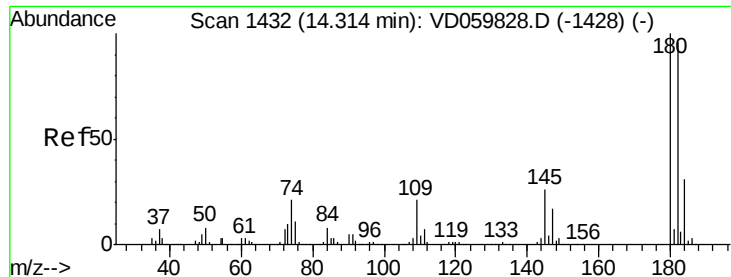
Tgt Ion:146 Resp: 347045
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.9 62.8
 148 62.1 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.128 ug/l
 RT: 13.75 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Tgt Ion: 75 Resp: 25578
 Ion Ratio Lower Upper
 75 100
 155 84.5 59.1 177.3
 157 101.9 79.7 238.9

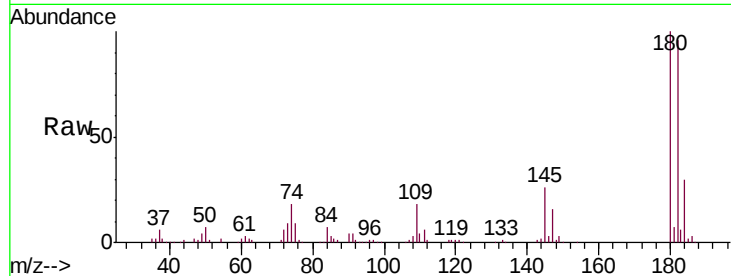




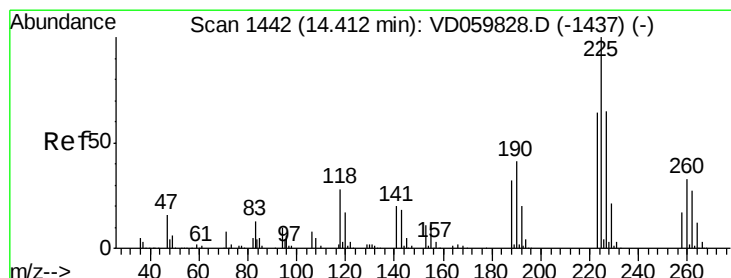
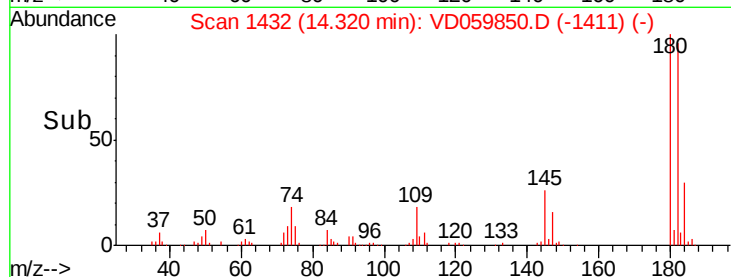
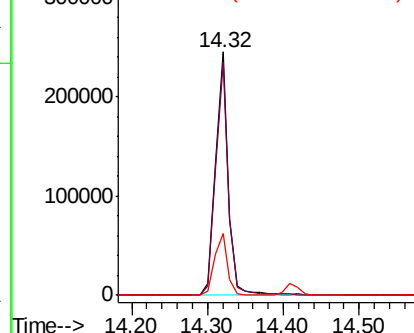
#93
 1,2,4-Trichlorobenzene
 Concen: 20.478 ug/l
 RT: 14.32 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

Tgt Ion:180 Resp: 292812
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.0 144.0
 145 25.5 13.1 39.1

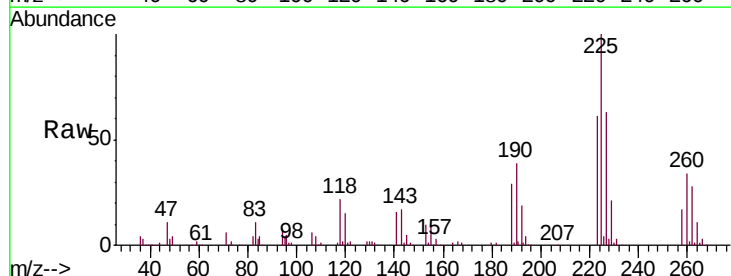


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

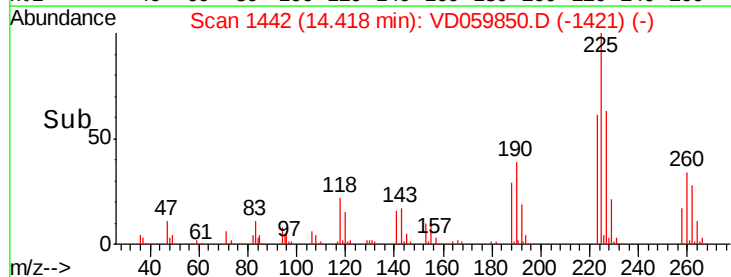
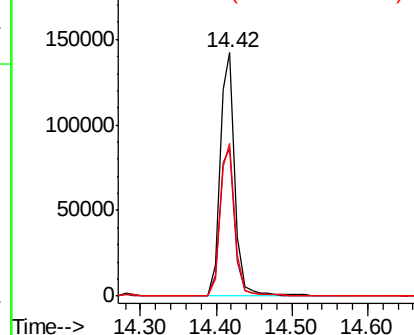


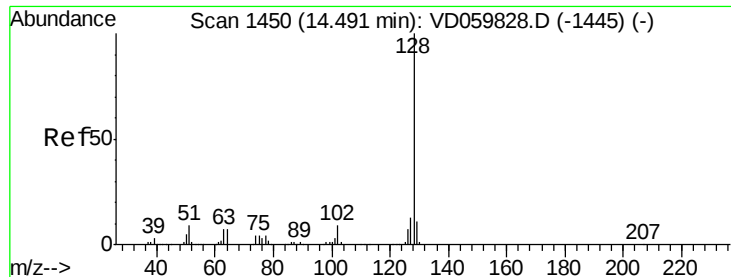
#94
 Hexachlorobutadiene
 Concen: 20.487 ug/l
 RT: 14.42 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VD059850.D
 Acq: 21 Aug 2018 12:35

Tgt Ion:225 Resp: 197082
 Ion Ratio Lower Upper
 225 100
 223 60.6 31.8 95.4
 227 62.9 32.8 98.3



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V

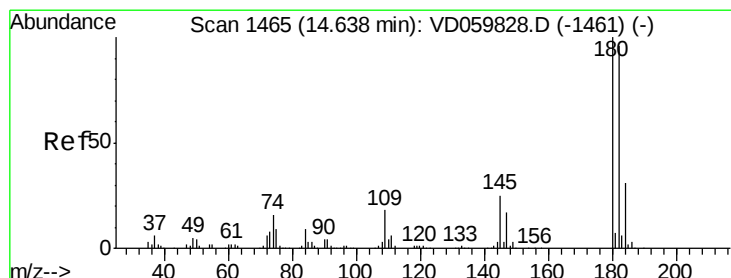
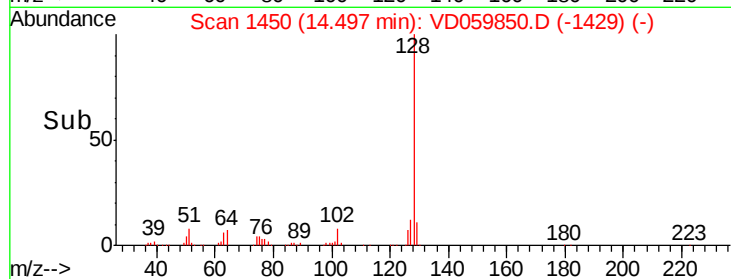
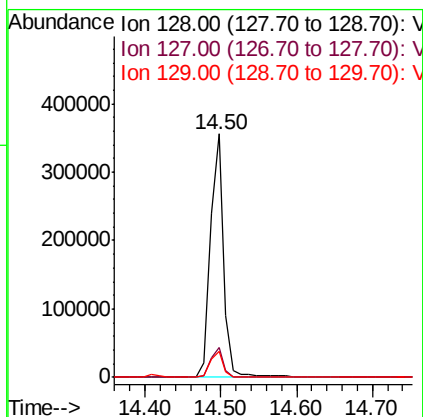
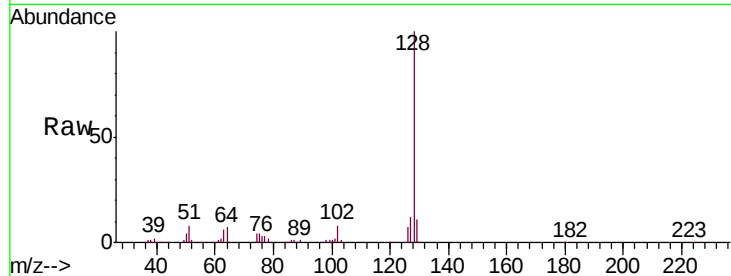




#95
Naphthalene
Concen: 18.775 ug/l
RT: 14.50 min Scan# 1450
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

Tgt Ion:128 Resp: 438576
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.017 ug/l
RT: 14.64 min Scan# 1465
Delta R.T. 0.01 min
Lab File: VD059850.D
Acq: 21 Aug 2018 12:35

Tgt Ion:180 Resp: 250838
Ion Ratio Lower Upper
180 100
182 99.1 47.8 143.4
145 26.2 12.7 38.0

