

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD022119\
 Data File : VD060888.D
 Acq On : 21 Feb 2019 18:24
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 22 07:32:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 07:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.78	168	2021185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.96	114	2814699	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.16	117	2389005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.31	152	1220768	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.20	65	770770	37.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.02%	
35) Dibromofluoromethane	6.66	113	1119394	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.18	98	2877893	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
62) 4-Bromofluorobenzene	13.35	95	1122559	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	1108553	38.620	ug/l	100
3) Chloromethane	1.74	50	625173	34.386	ug/l	100
4) Vinyl Chloride	1.83	62	591000	38.847	ug/l	100
5) Bromomethane	2.13	94	183039	22.616	ug/l	100
6) Chloroethane	2.22	64	187977	25.804	ug/l	100
7) Trichlorofluoromethane	2.47	101	937755	29.190	ug/l	100
8) Diethyl Ether	2.78	74	404264	77.656	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.05	101	1139092	64.564	ug/l	100
10) Methyl Iodide	3.20	142	1788716	85.384	ug/l	100
11) Tert butyl alcohol	3.88	59	232151	208.028	ug/l	100
12) 1,1-Dichloroethene	3.03	96	983210	77.490	ug/l	100
13) Acrolein	2.94	56	364724	339.231	ug/l	100
14) Allyl chloride	3.48	41	1612297	56.537	ug/l	100
15) Acrylonitrile	4.02	53	900894	220.614	ug/l	100
16) Acetone	3.11	43	1049008	239.475	ug/l	100
17) Carbon Disulfide	3.28	76	3623678	77.533	ug/l	100
18) Methyl Acetate	3.50	43	411374	56.067	ug/l	100
19) Methyl tert-butyl Ether	4.05	73	1921117	44.899	ug/l	100
20) Methylene Chloride	3.67	84	1123132	41.050	ug/l	100
21) trans-1,2-Dichloroethene	4.04	96	1092097	51.504	ug/l	100
22) Diisopropyl ether	4.86	45	3136690	40.995	ug/l	100
23) Vinyl Acetate	4.80	43	8601808	189.886	ug/l	100
24) 1,1-Dichloroethane	4.74	63	1676260	40.779	ug/l	100
25) 2-Butanone	5.81	43	1306229	200.869	ug/l	100
26) 2,2-Dichloropropane	5.77	77	1534256	39.761	ug/l	100
27) cis-1,2-Dichloroethene	5.78	96	1168111	53.199	ug/l	100
28) Bromochloromethane	6.18	49	751113	42.832	ug/l	100
29) Tetrahydrofuran	6.20	42	721047	223.115	ug/l	100
30) Chloroform	6.41	83	2036426	47.076	ug/l	100
31) Cyclohexane	6.70	56	1476053	42.771	ug/l	100
32) 1,1,1-Trichloroethane	6.62	97	1621214	42.732	ug/l	100
36) 1,1-Dichloropropene	6.90	75	1516857	44.210	ug/l	100
37) Ethyl Acetate	5.92	43	698842	39.701	ug/l	100
38) Carbon Tetrachloride	6.86	117	1288325	36.740	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.62	83	1653062	49.584	ug/l	100
40) Benzene	7.20	78	3955704	50.993	ug/l	100
41) Methacrylonitrile	6.18	41	785659	65.417	ug/l	100
42) 1,2-Dichloroethane	7.32	62	957788	32.132	ug/l	100
43) Isopropyl Acetate	8.99	43	888760	39.743	ug/l	100
44) Trichloroethene	8.29	130	1150184	49.777	ug/l	100
45) 1,2-Dichloropropane	8.69	63	868426	41.933	ug/l	100
46) Dibromomethane	8.82	93	635959	47.887	ug/l	100
47) Bromodichloromethane	9.13	83	1525333	45.900	ug/l	100
48) Methyl methacrylate	8.87	41	526425	34.931	ug/l	100
49) 1,4-Dioxane	8.83	88	126326	1130.390	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	2812809	195.243	ug/l	100
52) Toluene	10.28	92	2240845	50.183	ug/l	100
53) t-1,3-Dichloropropene	10.68	75	1390522	46.755	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	1682632	49.323	ug/l	100
55) 1,1,2-Trichloroethane	10.97	97	682574	51.463	ug/l	100
56) Ethyl methacrylate	10.81	69	789745	46.562	ug/l	100
57) 1,3-Dichloropropane	11.18	76	1170928	48.284	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.62	63	1815629	212.252	ug/l	100
59) 2-Hexanone	11.31	43	1994566	187.965	ug/l	100
60) Dibromochloromethane	11.47	129	1009514	47.237	ug/l	100
61) 1,2-Dibromoethane	11.59	107	809914	51.533	ug/l	100
64) Tetrachloroethene	11.03	164	1085359	48.358	ug/l	100
65) Chlorobenzene	12.19	112	2301075	46.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.29	131	975469	45.503	ug/l	100
67) Ethyl Benzene	12.31	91	4084600	43.664	ug/l	100
68) m/p-Xylenes	12.45	106	2846247	90.528	ug/l	100
69) o-Xylene	12.84	106	1376445	46.029	ug/l	100
70) Styrene	12.87	104	2280101	47.231	ug/l	100
71) Bromoform	13.02	173	728909	46.580	ug/l	100
73) Isopropylbenzene	13.20	105	3800801	42.670	ug/l	100
74) N-amyl acetate	13.06	43	1095026	33.867	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.50	83	883261	50.056	ug/l	100
76) 1,2,3-Trichloropropane	13.52	75	920324	45.782	ug/l	100
77) Bromobenzene	13.47	156	1146979	46.759	ug/l	100
78) n-propylbenzene	13.57	91	4971828	42.905	ug/l	100
79) 2-Chlorotoluene	13.63	91	2750217	42.889	ug/l	100
80) 1,3,5-Trimethylbenzene	14.04	105	3078695	41.675	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.27	75	276687	52.130	ug/l	100
82) 4-Chlorotoluene	13.74	91	3015001	41.368	ug/l	100
83) tert-Butylbenzene	13.99	119	3646575	44.336	ug/l	100
84) 1,2,4-Trimethylbenzene	14.04	105	3078695	41.675	ug/l	100
85) sec-Butylbenzene	14.16	105	3914016	43.464	ug/l	100
86) p-Isopropyltoluene	14.29	119	3090793	40.917	ug/l	100
87) 1,3-Dichlorobenzene	14.25	146	2152959	50.824	ug/l	100
88) 1,4-Dichlorobenzene	14.33	146	2083518	48.856	ug/l	100
89) n-Butylbenzene	14.60	91	3233613	41.910	ug/l	100
90) Hexachloroethane	14.80	117	948923	46.647	ug/l	100
91) 1,2-Dichlorobenzene	14.61	146	1738268	48.037	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.18	75	115788	40.056	ug/l	100

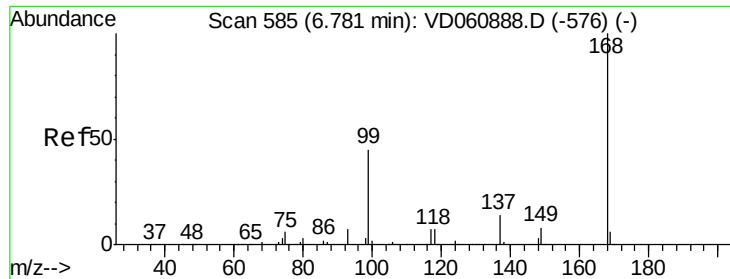
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD022119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.75	180	1207671	40.304	ug/l	100
94) Hexachlorobutadiene	15.84	225	802876	30.943	ug/l	100
95) Naphthalene	15.93	128	1638201	40.987	ug/l	100
96) 1,2,3-Trichlorobenzene	16.07	180	797887	32.947	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.78 min Scan# 585

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

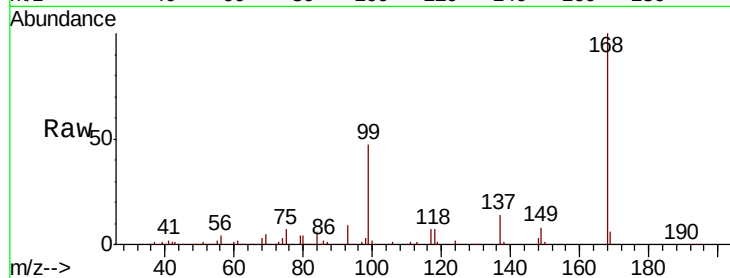
VSTDICCC050

Tgt Ion:168 Resp: 2021185

Ion Ratio Lower Upper

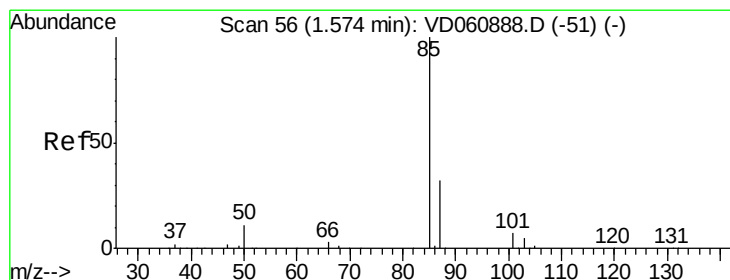
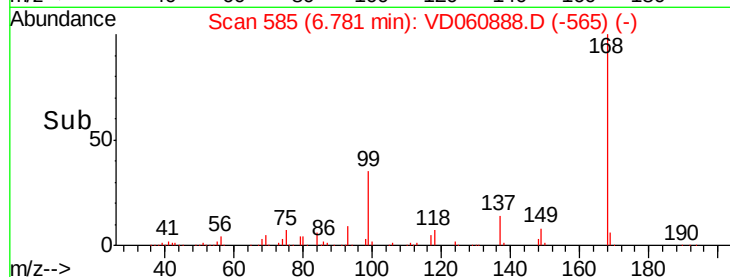
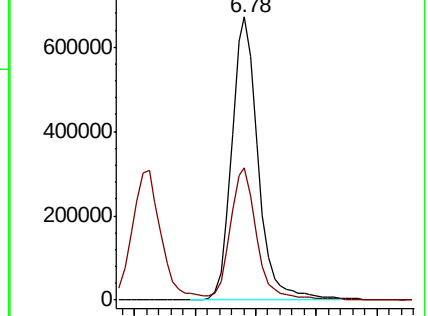
168 100

99 46.8 37.4 56.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 38.620 ug/l

RT: 1.57 min Scan# 56

Delta R.T. 0.00 min

Lab File: VD060888.D

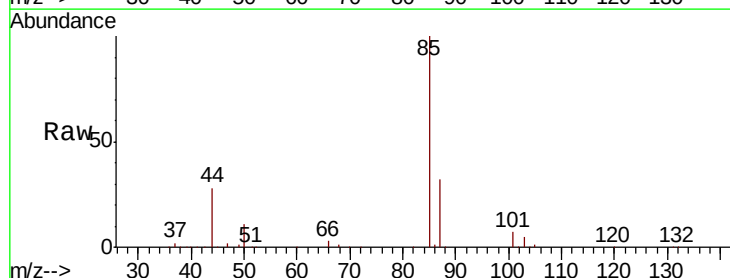
Acq: 21 Feb 2019 18:24

Tgt Ion: 85 Resp: 1108553

Ion Ratio Lower Upper

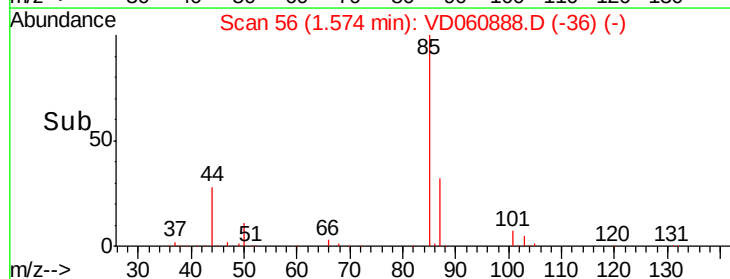
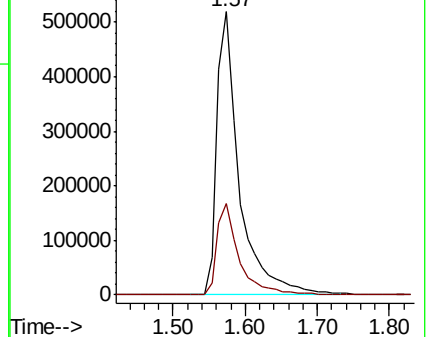
85 100

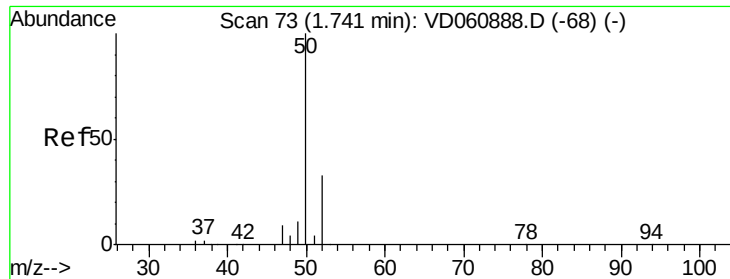
87 32.3 16.2 48.5



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 34.386 ug/l

RT: 1.74 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

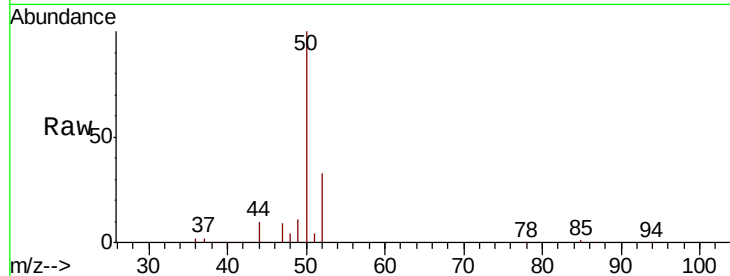
VSTDICCC050

Tgt Ion: 50 Resp: 625173

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.74

250000

200000

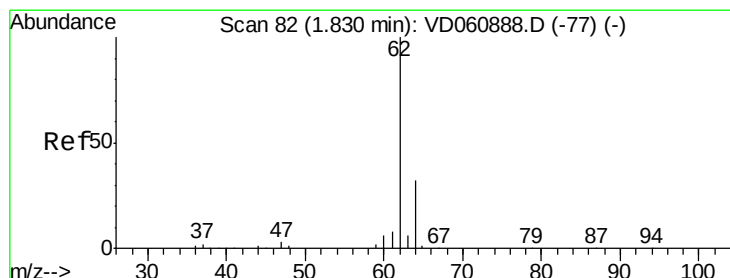
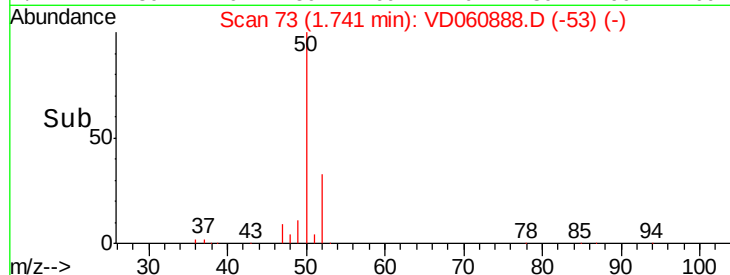
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 38.847 ug/l

RT: 1.83 min Scan# 82

Delta R.T. 0.00 min

Lab File: VD060888.D

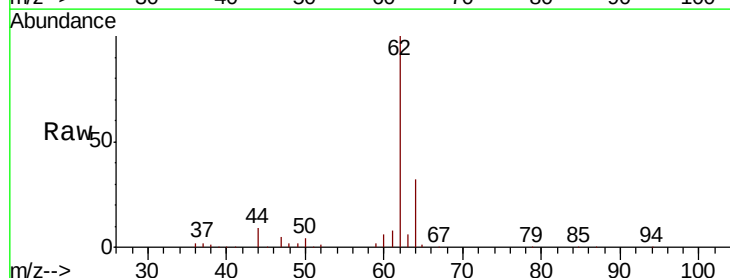
Acq: 21 Feb 2019 18:24

Tgt Ion: 62 Resp: 591000

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.83

300000

250000

200000

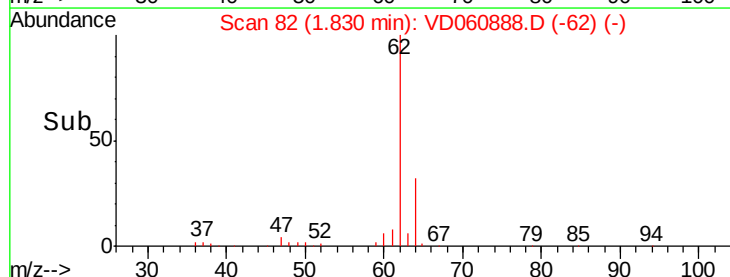
150000

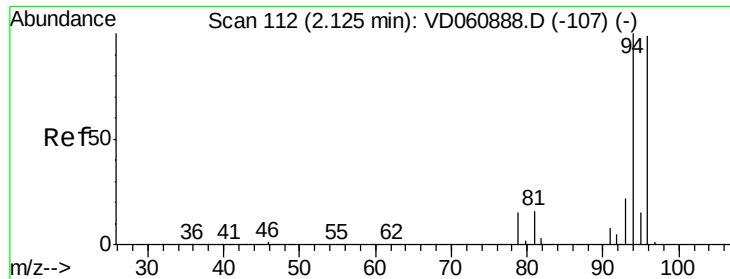
100000

50000

0

Time-->

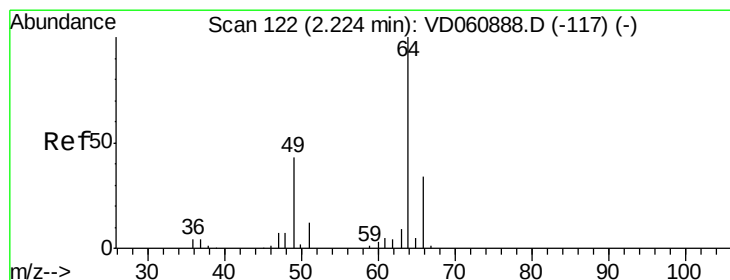
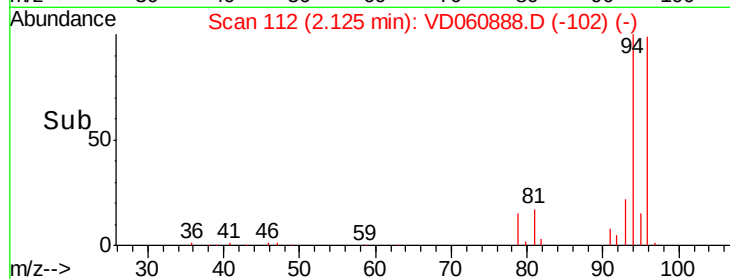
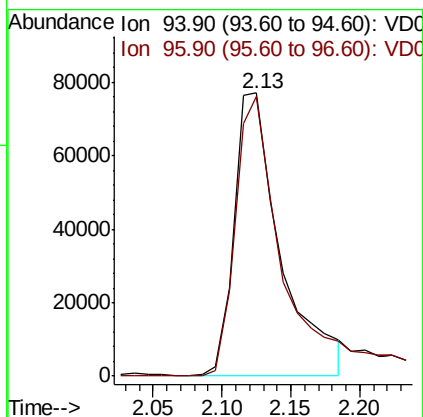
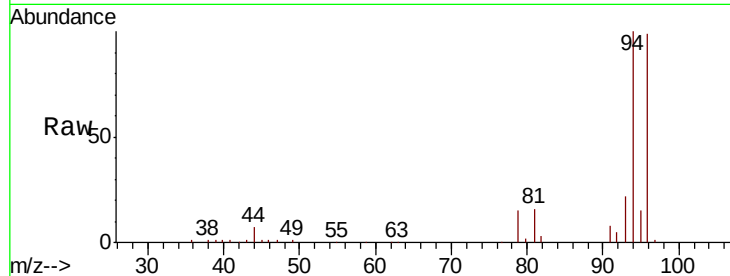




#5
Bromomethane
Concen: 22.616 ug/l
RT: 2.13 min Scan# 112
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

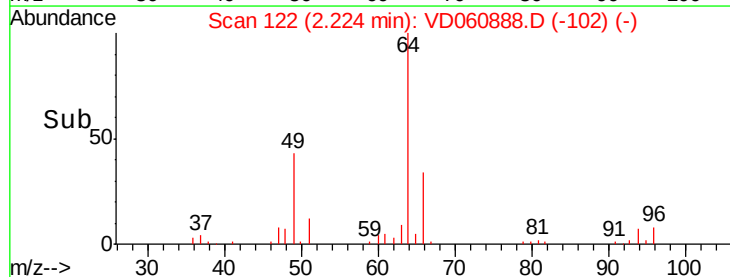
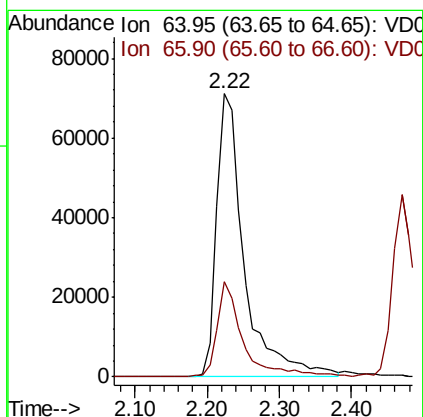
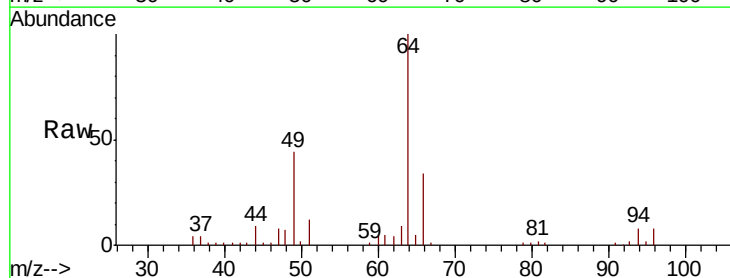
Instrument :
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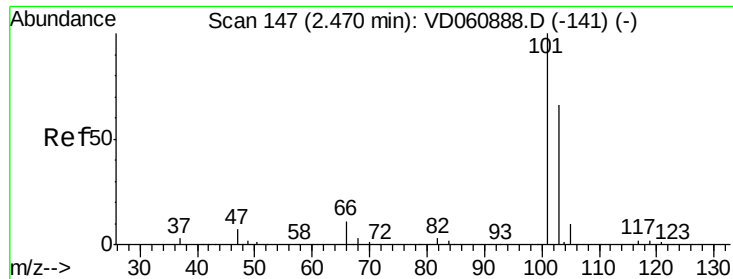
Tgt Ion: 94 Resp: 183039
Ion Ratio Lower Upper
94 100
96 98.8 79.0 118.6



#6
Chloroethane
Concen: 25.804 ug/l
RT: 2.22 min Scan# 122
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion: 64 Resp: 187977
Ion Ratio Lower Upper
64 100
66 33.8 27.0 40.6



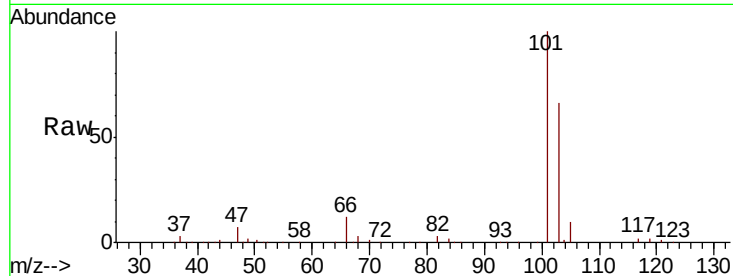


#7

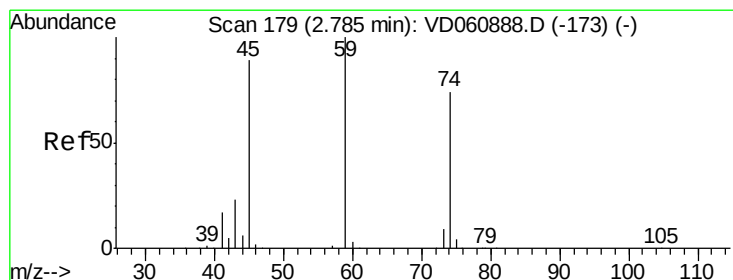
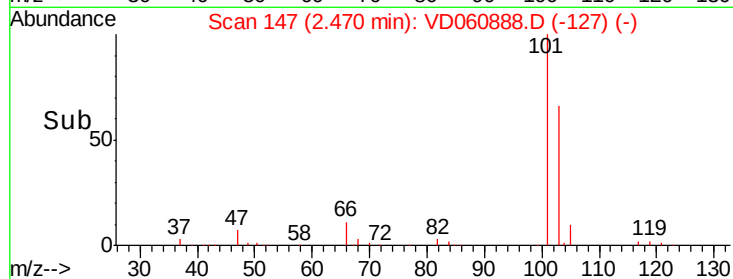
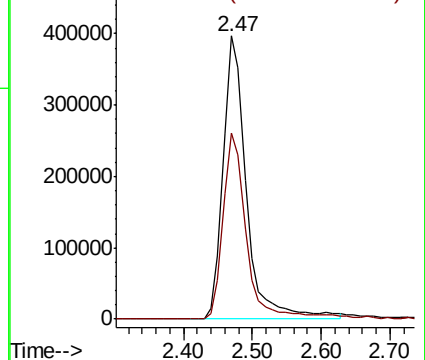
Trichlorofluoromethane
Concen: 29.190 ug/l
RT: 2.47 min Scan# 147
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 101 Resp: 937755
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0



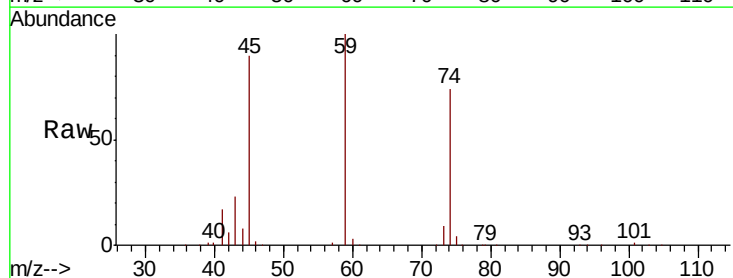
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



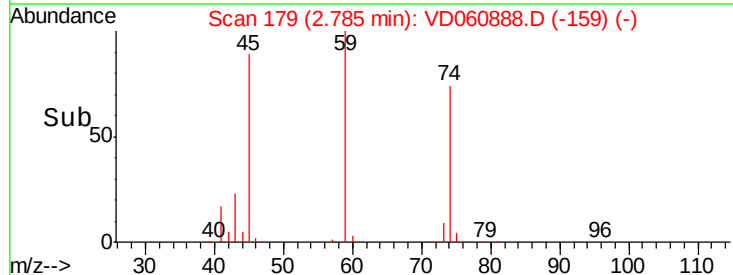
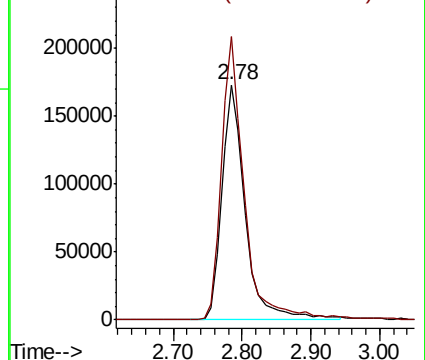
#8

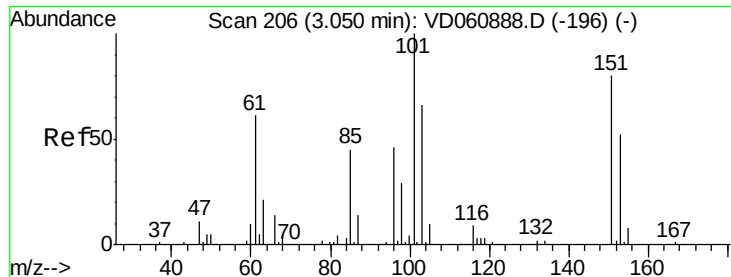
Diethyl Ether
Concen: 77.656 ug/l
RT: 2.78 min Scan# 179
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion: 74 Resp: 404264
Ion Ratio Lower Upper
74 100
45 120.3 60.2 180.4



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: 64.564 ug/l

RT: 3.05 min Scan# 206

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

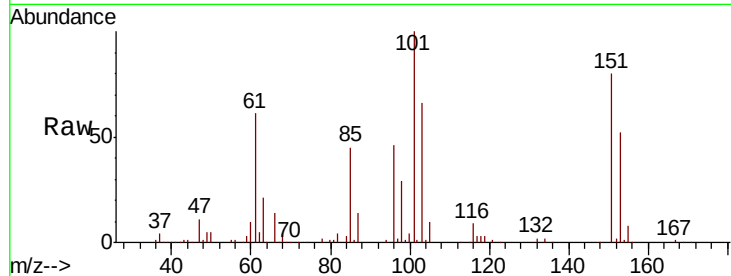
Tgt Ion:101 Resp: 1139092

Ion Ratio Lower Upper

101 100

85 44.9 35.9 53.9

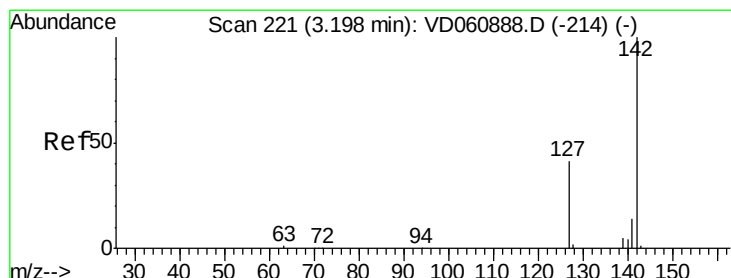
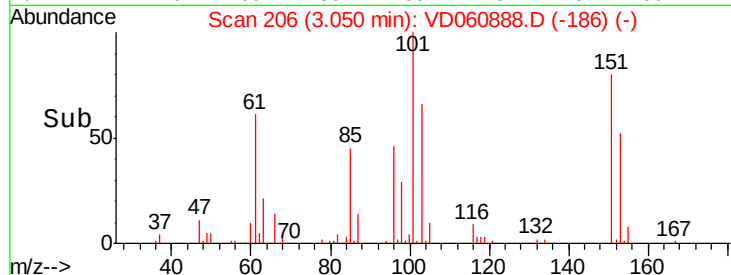
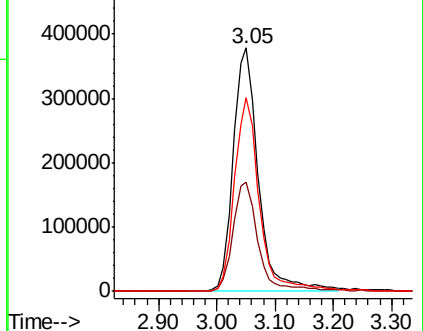
151 79.6 63.7 95.5



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: 85.384 ug/l

RT: 3.20 min Scan# 221

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

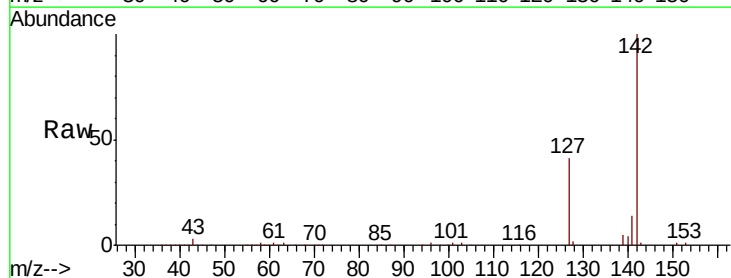
Tgt Ion:142 Resp: 1788716

Ion Ratio Lower Upper

142 100

127 41.2 33.0 49.4

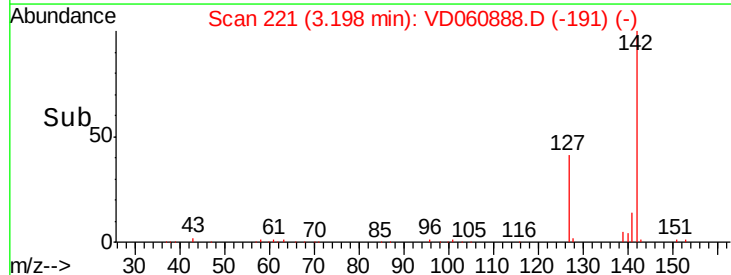
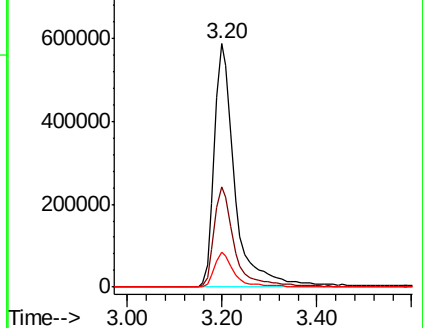
141 14.3 11.4 17.2

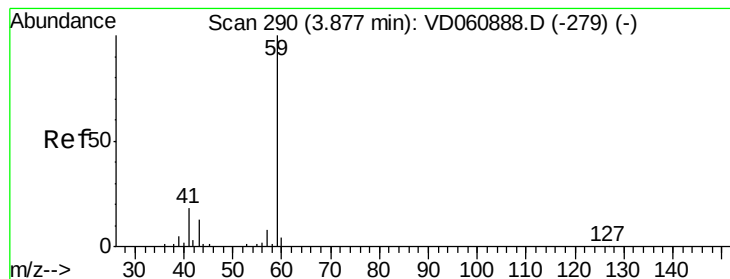


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



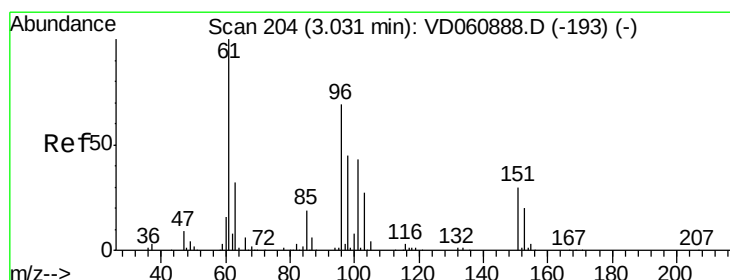
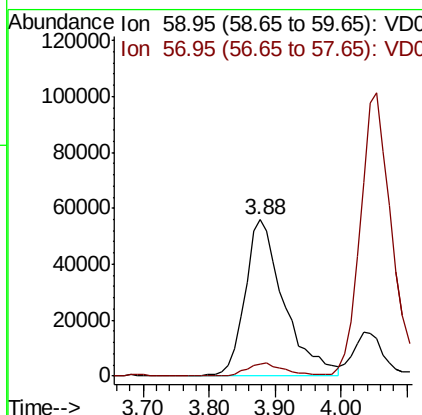
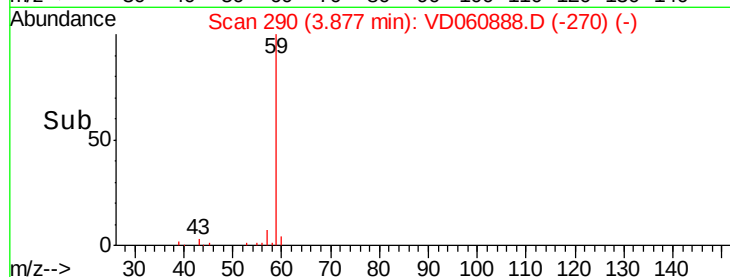
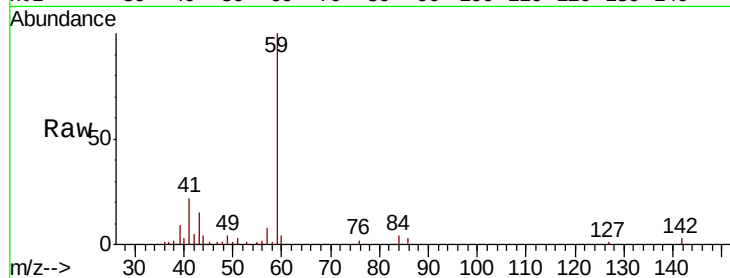


#11

Tert butyl alcohol
Concen: 208.028 ug/l
RT: 3.88 min Scan# 290
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

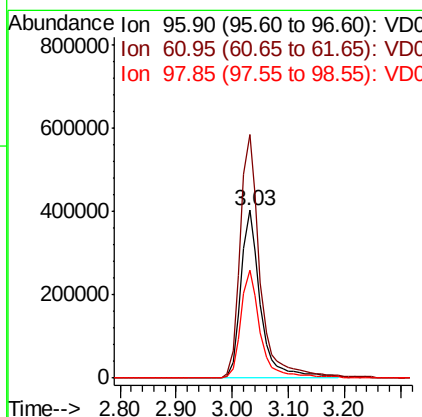
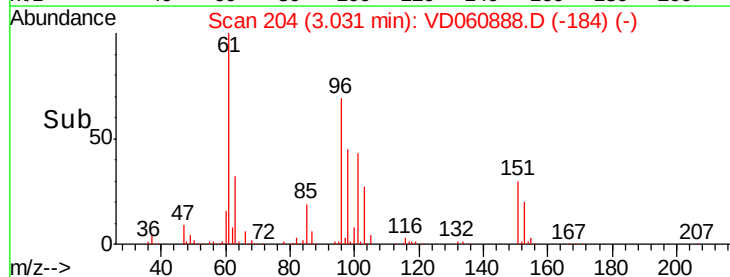
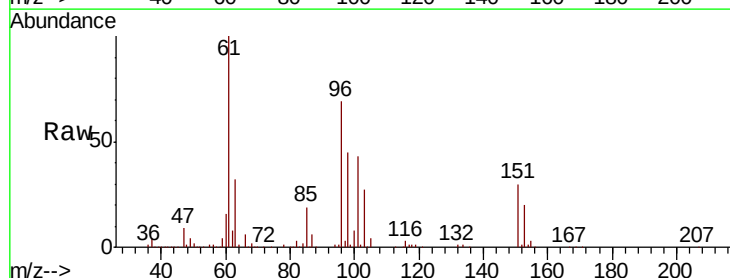
Tgt Ion: 59 Resp: 232151
Ion Ratio Lower Upper
59 100
57 7.9 6.3 9.5

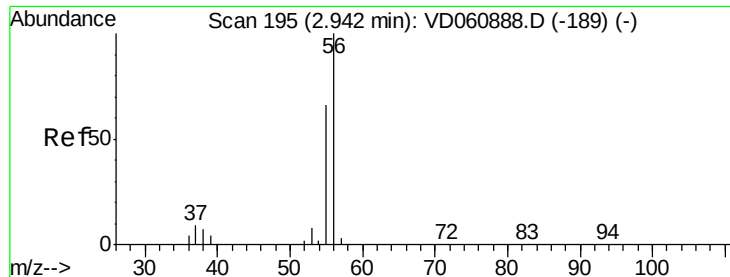


#12

1,1-Dichloroethene
Concen: 77.490 ug/l
RT: 3.03 min Scan# 204
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion: 96 Resp: 983210
Ion Ratio Lower Upper
96 100
61 145.1 116.1 174.1
98 64.7 51.8 77.6





#13

Acrolein

Concen: 339.231 ug/l

RT: 2.94 min Scan# 195

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

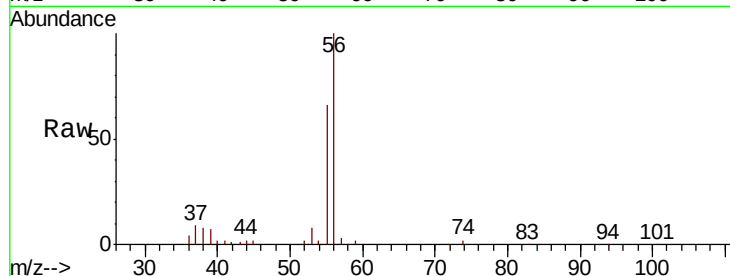
VSTDICCC050

Tgt Ion: 56 Resp: 364724

Ion Ratio Lower Upper

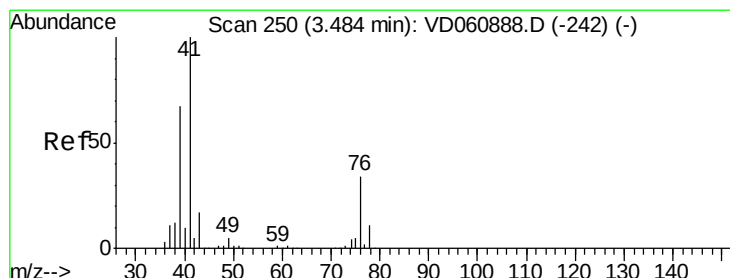
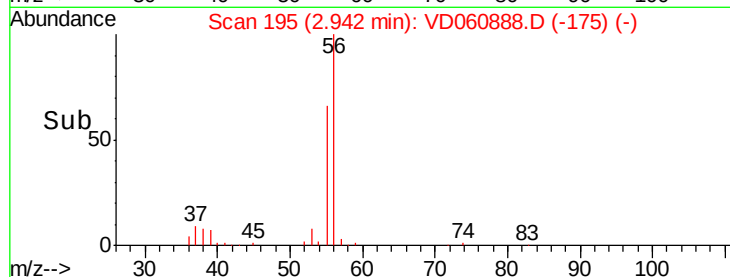
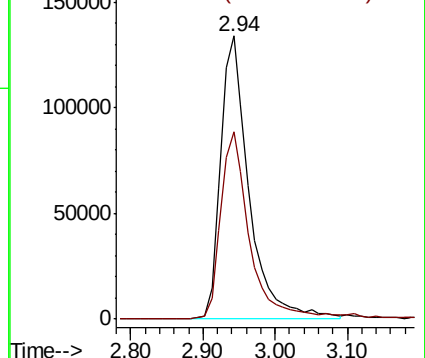
56 100

55 66.2 53.0 79.4



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 56.537 ug/l

RT: 3.48 min Scan# 250

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

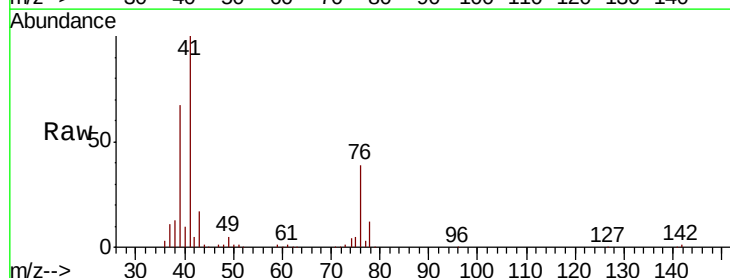
Tgt Ion: 41 Resp: 1612297

Ion Ratio Lower Upper

41 100

39 67.1 53.7 80.5

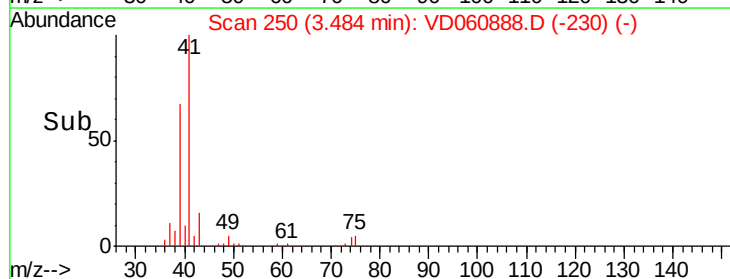
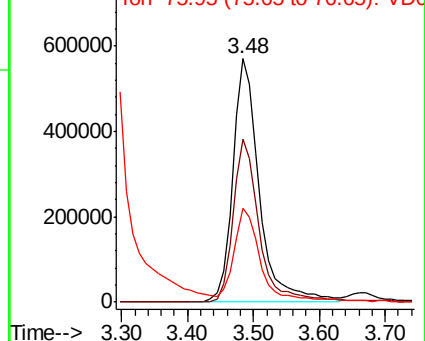
76 38.6 30.9 46.3

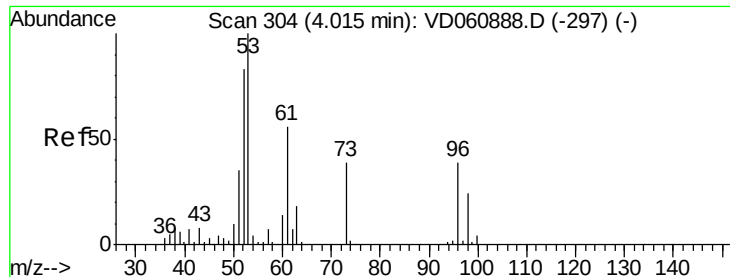


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 220.614 ug/l

RT: 4.02 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

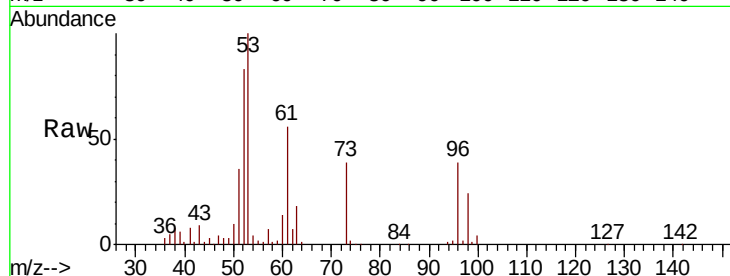
Tgt Ion: 53 Resp: 900894

Ion Ratio Lower Upper

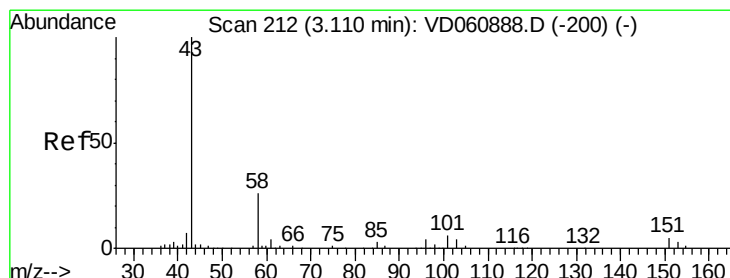
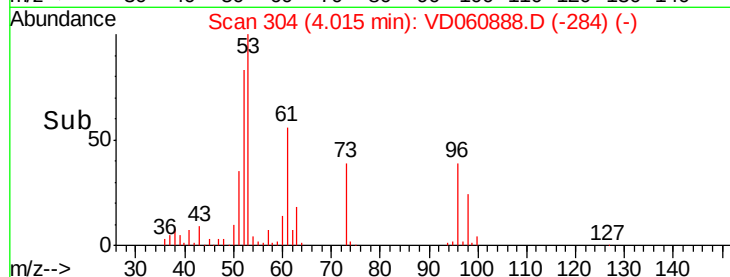
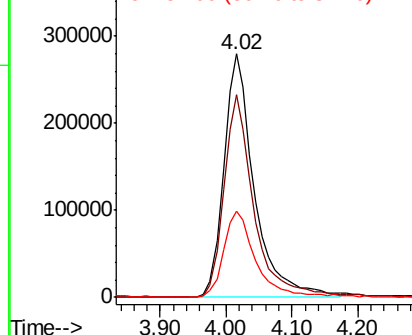
53 100

52 83.4 66.7 100.1

51 35.5 28.4 42.6



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



#16

Acetone

Concen: 239.475 ug/l

RT: 3.11 min Scan# 212

Delta R.T. 0.00 min

Lab File: VD060888.D

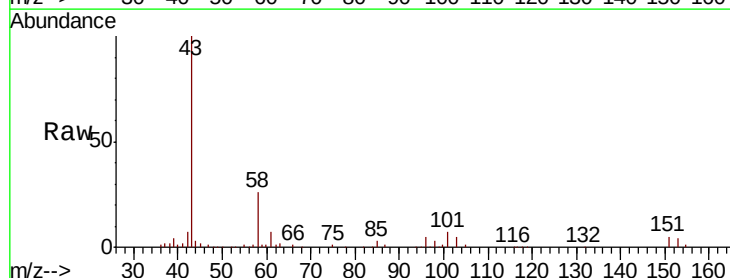
Acq: 21 Feb 2019 18:24

Tgt Ion: 43 Resp: 1049008

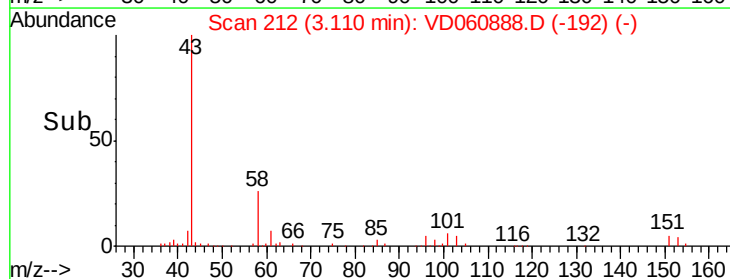
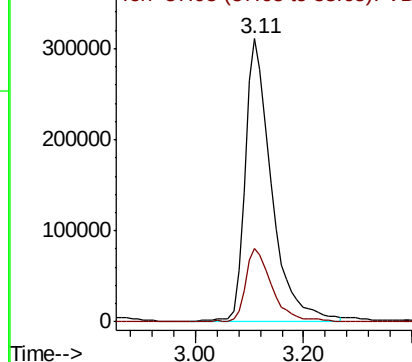
Ion Ratio Lower Upper

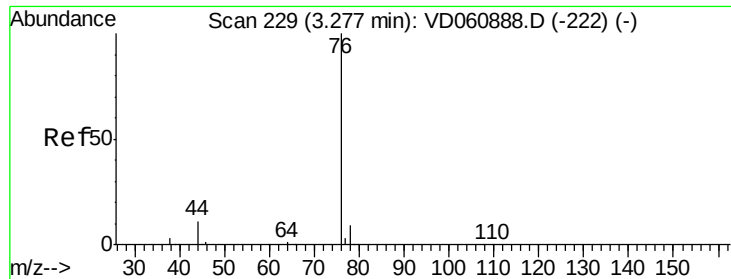
43 100

58 26.2 21.0 31.4



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

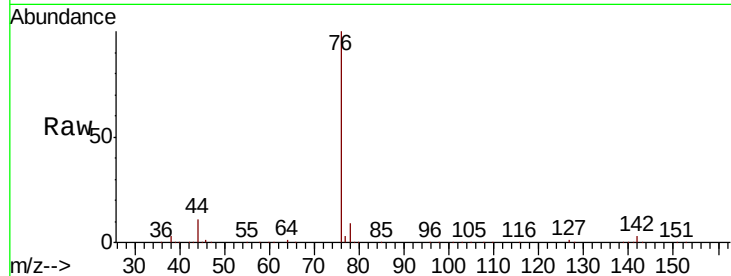




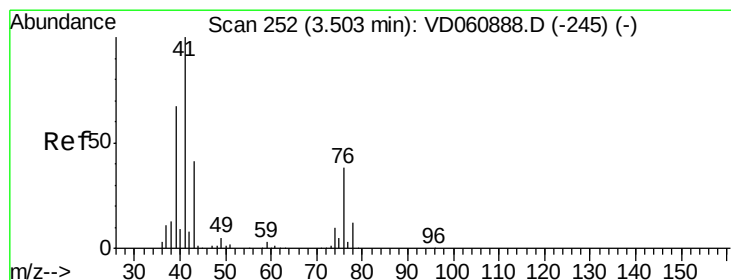
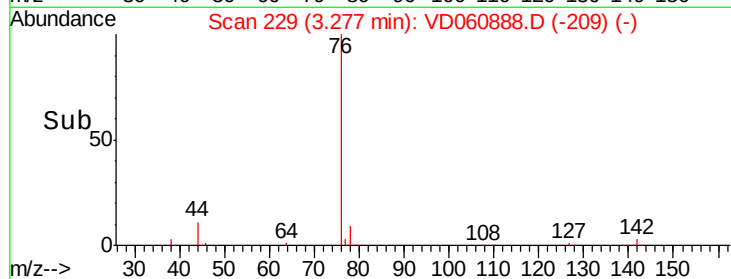
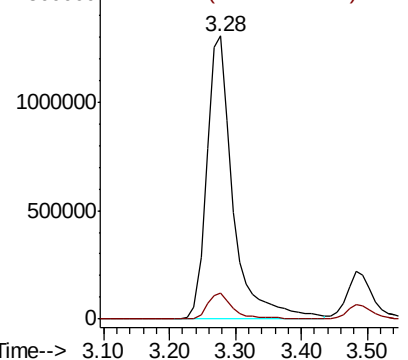
#17
Carbon Disulfide
Concen: 77.533 ug/l
RT: 3.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 3623678
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

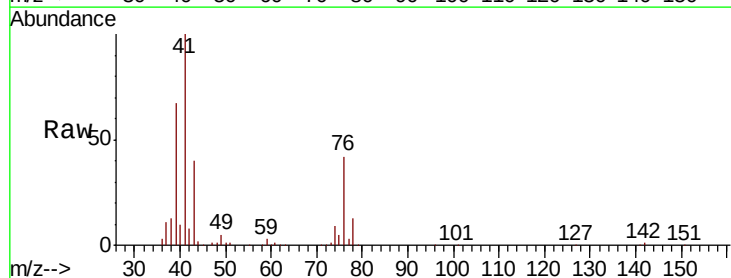


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

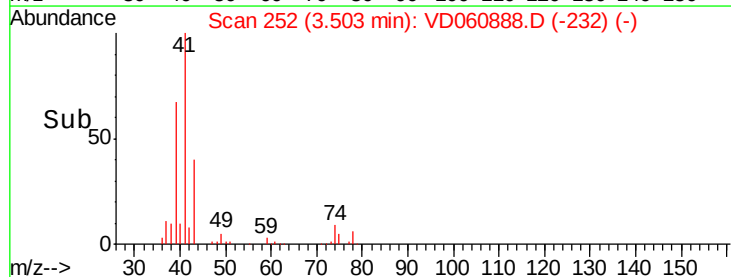
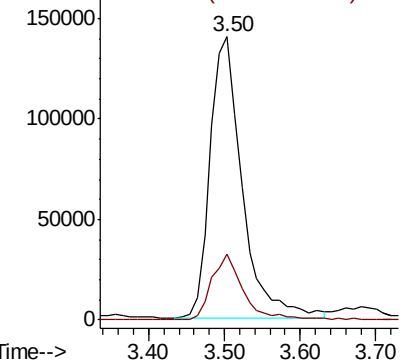


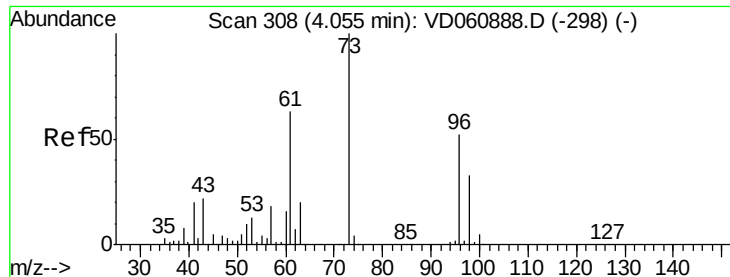
#18
Methyl Acetate
Concen: 56.067 ug/l
RT: 3.50 min Scan# 252
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion: 43 Resp: 411374
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0



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



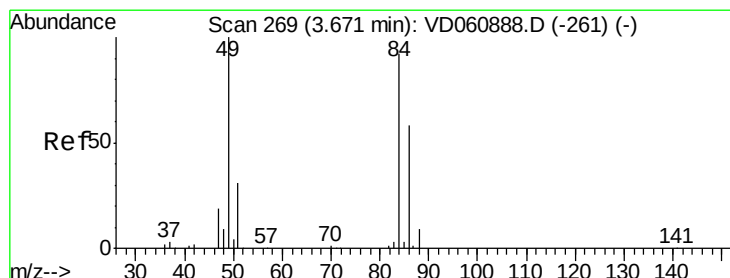
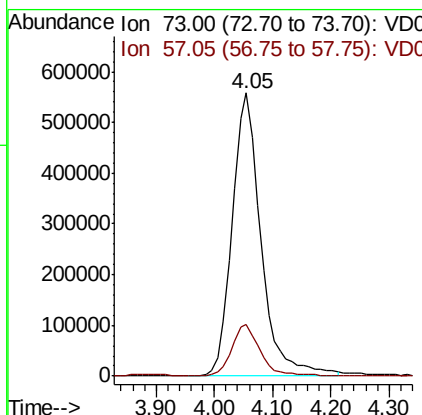
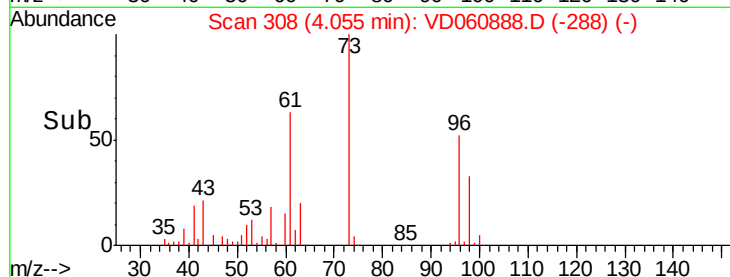
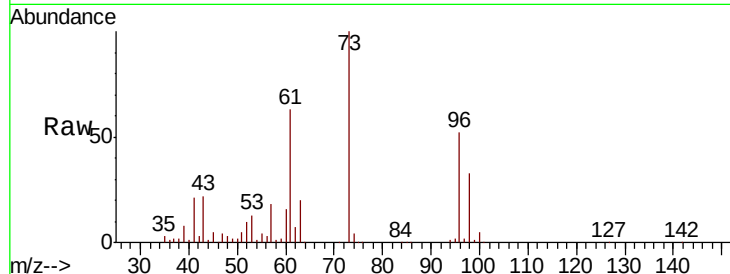


#19

Methyl tert-butyl Ether
 Concen: 44.899 ug/l
 RT: 4.05 min Scan# 308
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

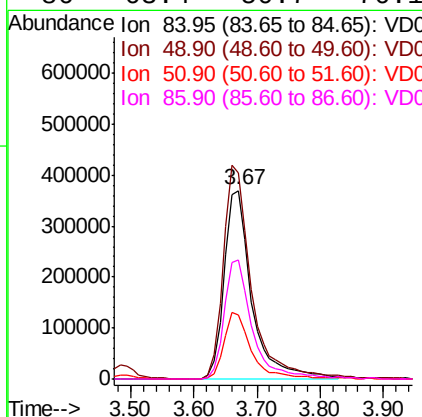
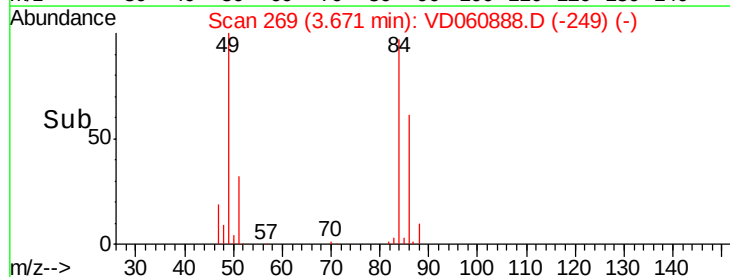
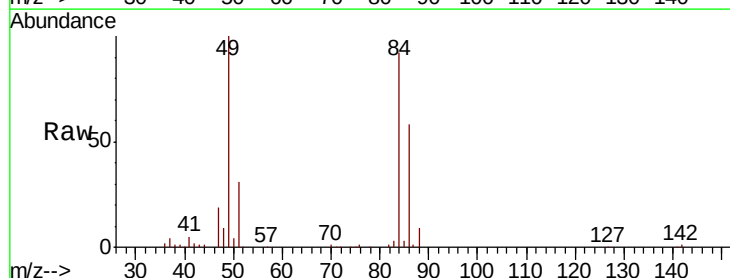
Tgt Ion: 73 Resp: 1921117
 Ion Ratio Lower Upper
 73 100
 57 18.1 14.5 21.7

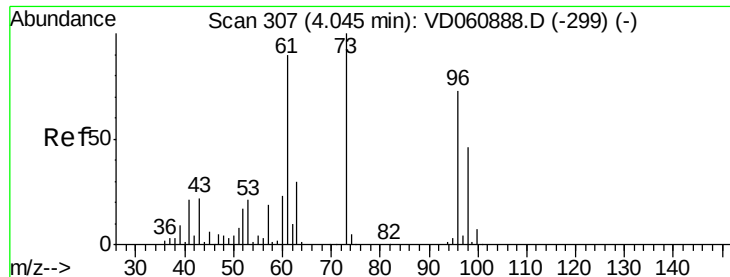


#20

Methylene Chloride
 Concen: 41.050 ug/l
 RT: 3.67 min Scan# 269
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

Tgt Ion: 84 Resp: 1123132
 Ion Ratio Lower Upper
 84 100
 49 109.0 87.2 130.8
 51 34.2 27.4 41.0
 86 63.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 51.504 ug/l

RT: 4.04 min Scan# 307

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

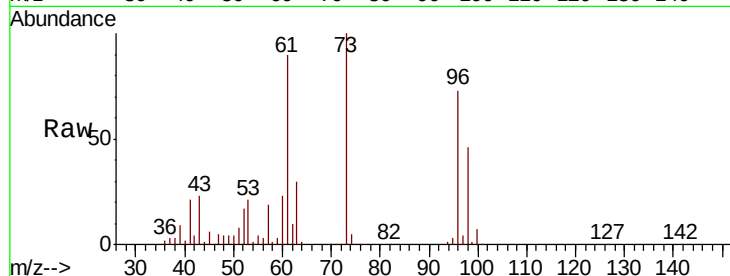
Tgt Ion: 96 Resp: 1092097

Ion Ratio Lower Upper

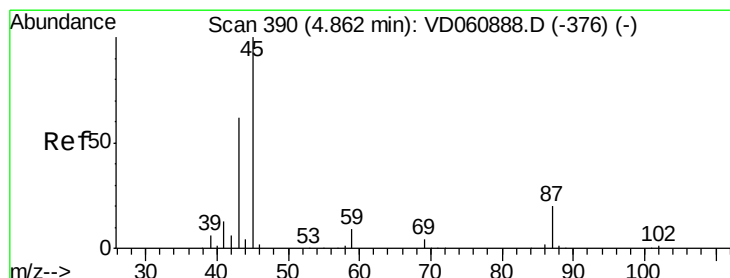
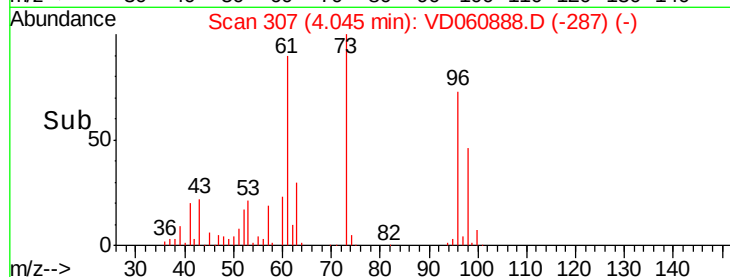
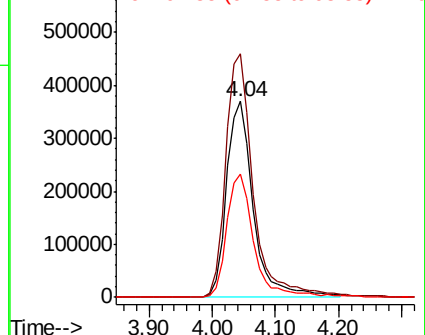
96 100

61 124.3 99.4 149.2

98 63.2 50.6 75.8



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: 40.995 ug/l

RT: 4.86 min Scan# 390

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Tgt Ion: 45 Resp: 3136690

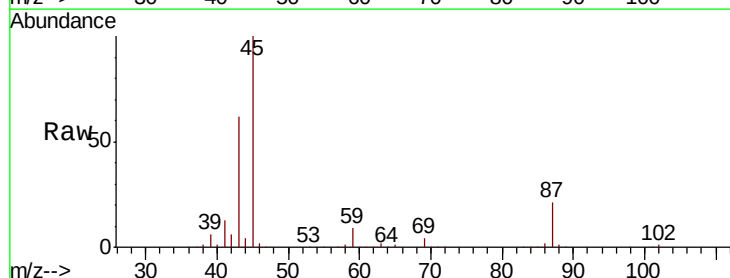
Ion Ratio Lower Upper

45 100

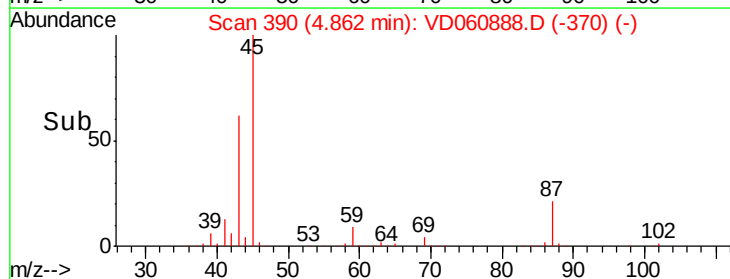
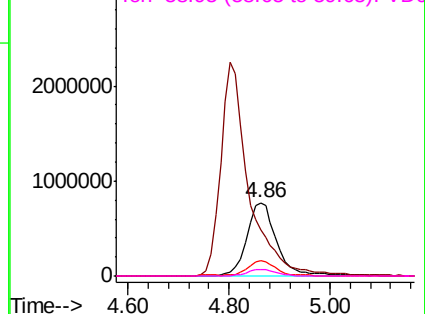
43 62.3 49.8 74.8

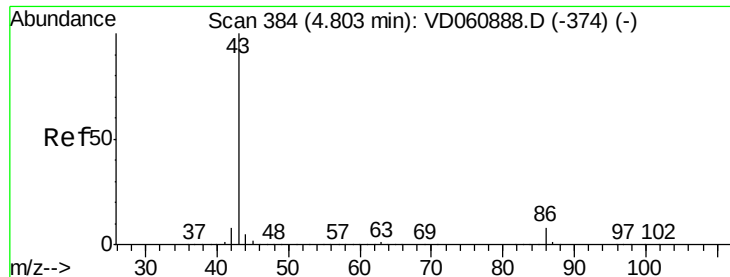
87 20.9 16.7 25.1

59 9.3 7.4 11.2



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: 189.886 ug/l

RT: 4.80 min Scan# 384

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

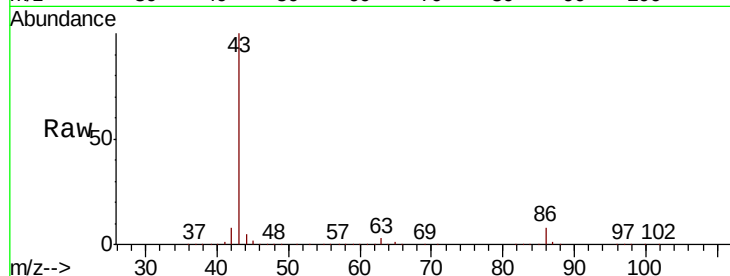
VSTDICCC050

Tgt Ion: 43 Resp: 8601808

Ion Ratio Lower Upper

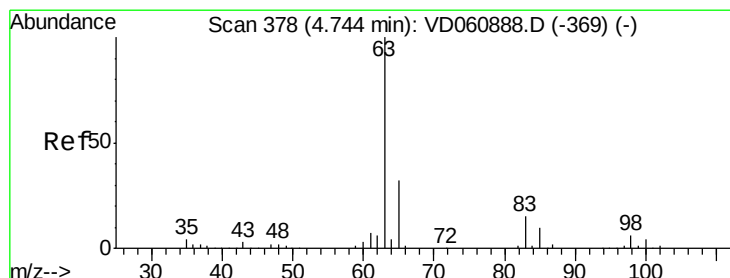
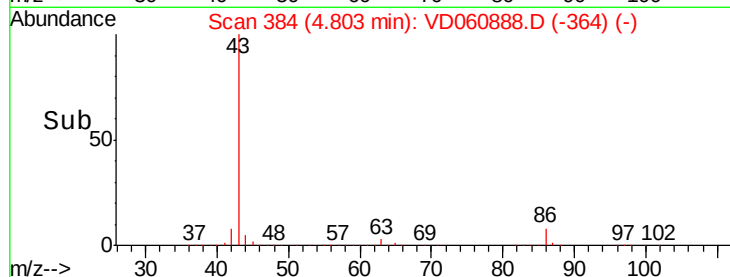
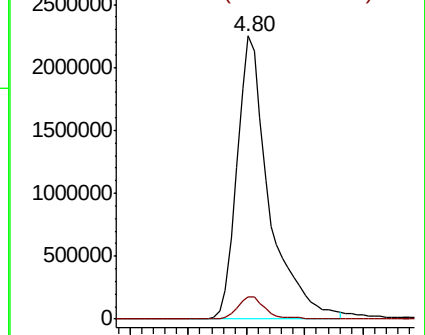
43 100

86 8.0 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 40.779 ug/l

RT: 4.74 min Scan# 378

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

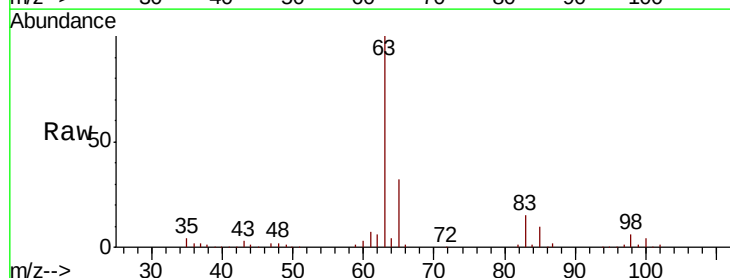
Tgt Ion: 63 Resp: 1676260

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

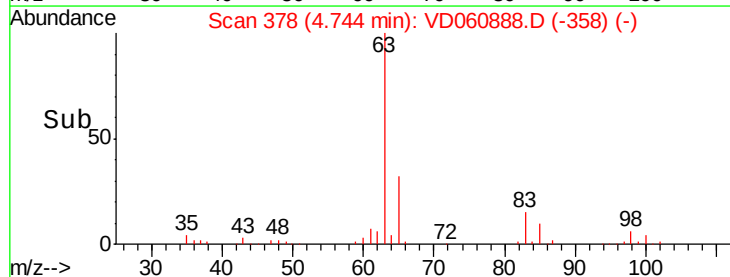
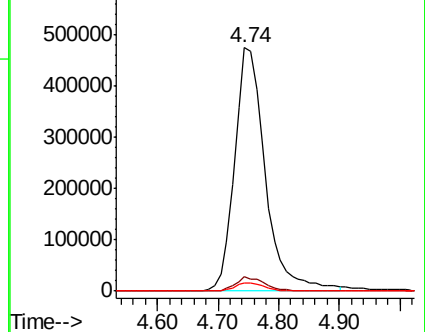
100 3.6 1.8 5.4

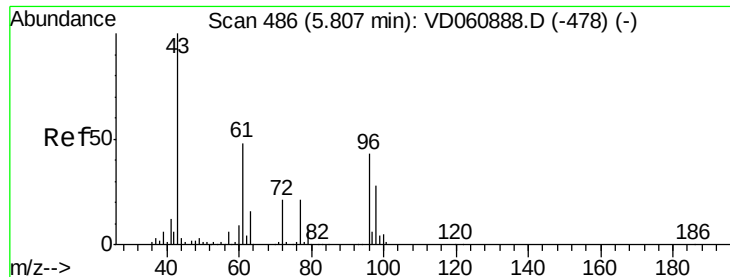


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 200.869 ug/l

RT: 5.81 min Scan# 486

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

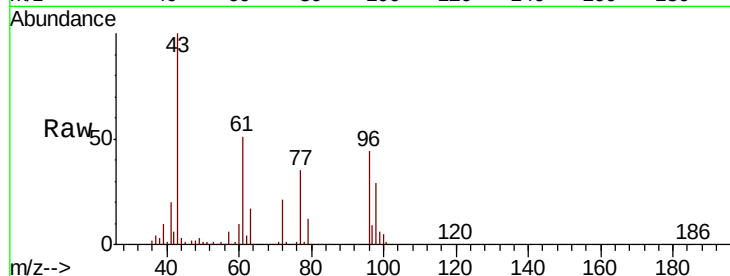
VSTDICCC050

Tgt Ion: 43 Resp: 1306229

Ion Ratio Lower Upper

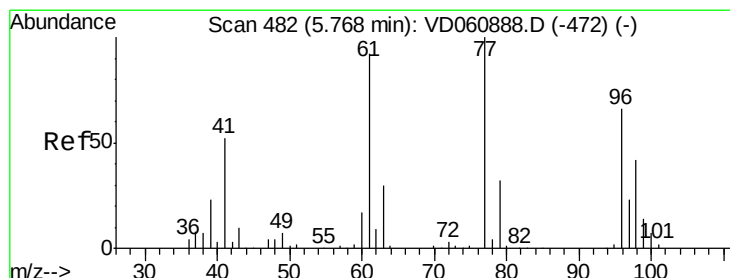
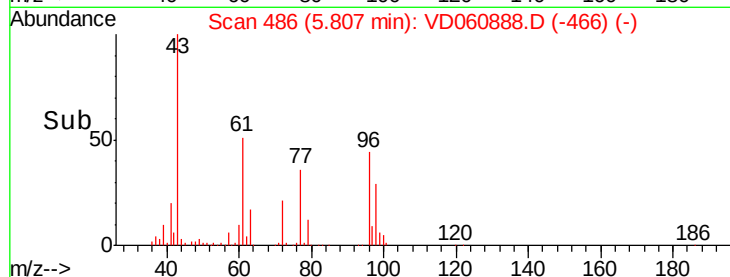
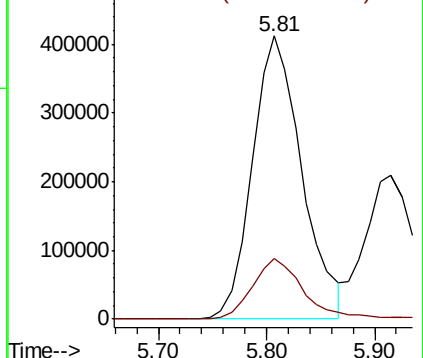
43 100

72 21.3 17.0 25.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 39.761 ug/l

RT: 5.77 min Scan# 482

Delta R.T. 0.00 min

Lab File: VD060888.D

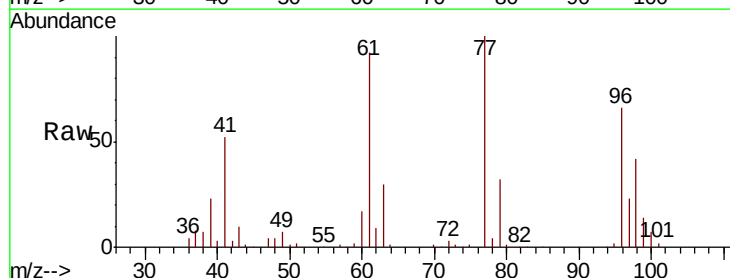
Acq: 21 Feb 2019 18:24

Tgt Ion: 77 Resp: 1534256

Ion Ratio Lower Upper

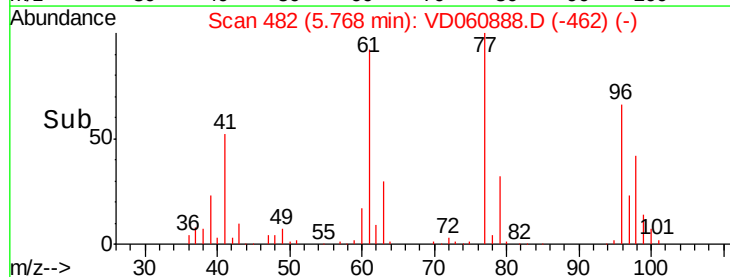
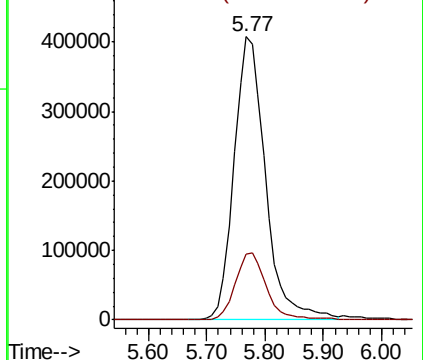
77 100

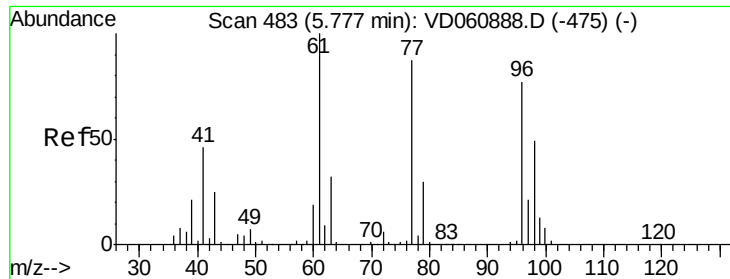
97 23.1 11.6 34.7



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



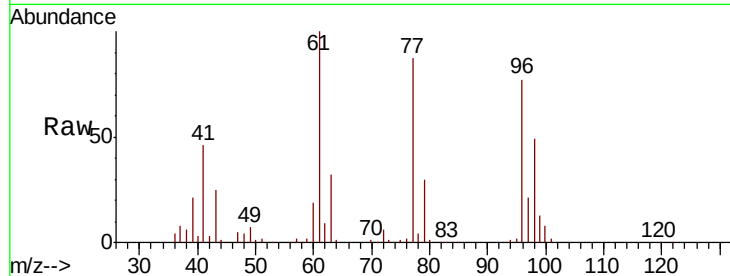


#27

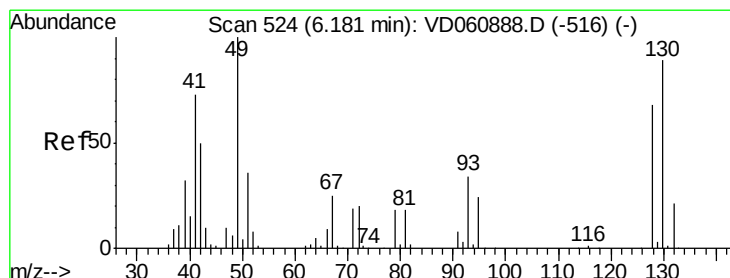
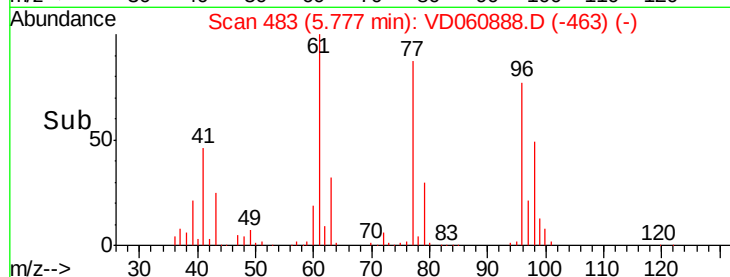
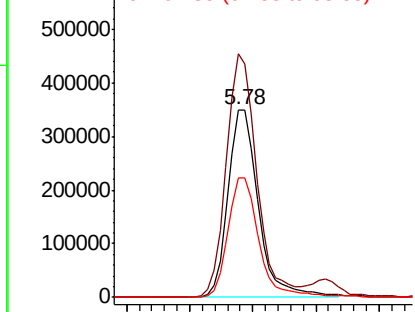
cis-1,2-Dichloroethene
Concen: 53.199 ug/l
RT: 5.78 min Scan# 483
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 1168111
Ion Ratio Lower Upper
96 100
61 129.7 0.0 259.4
98 63.7 0.0 127.4



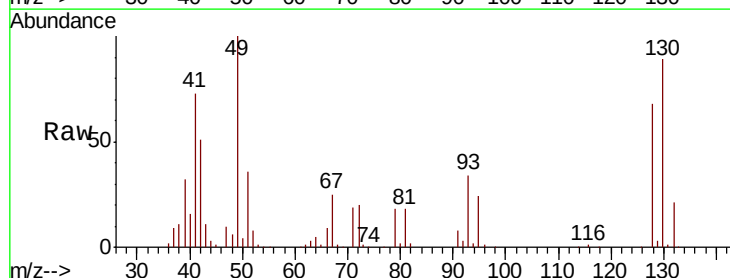
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



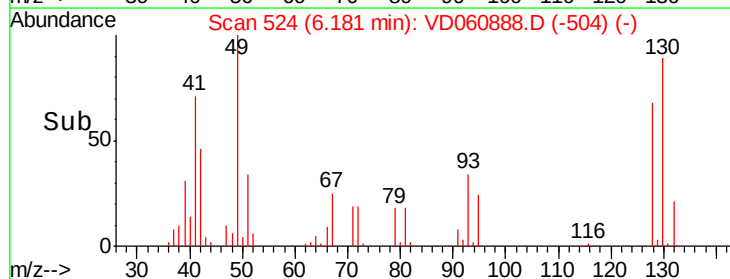
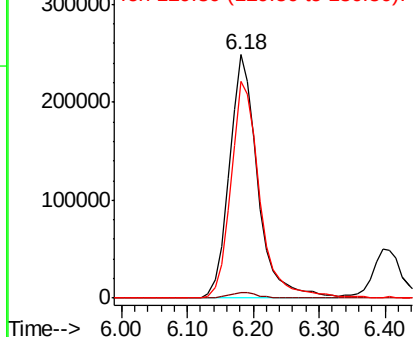
#28

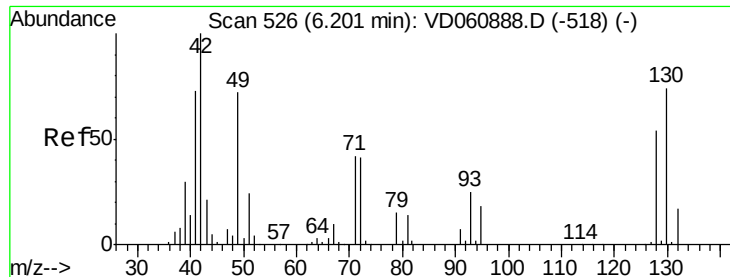
Bromochloromethane
Concen: 42.832 ug/l
RT: 6.18 min Scan# 524
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion: 49 Resp: 751113
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 89.2 71.4 107.0



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





#29

Tetrahydrofuran

Concen: 223.115 ug/l

RT: 6.20 min Scan# 526

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

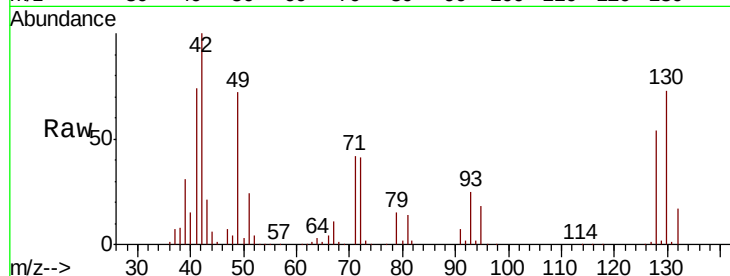
Tgt Ion: 42 Resp: 721047

Ion Ratio Lower Upper

42 100

72 43.7 35.0 52.4

71 42.8 34.2 51.4

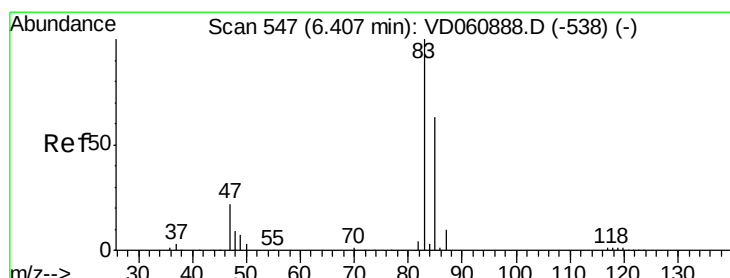
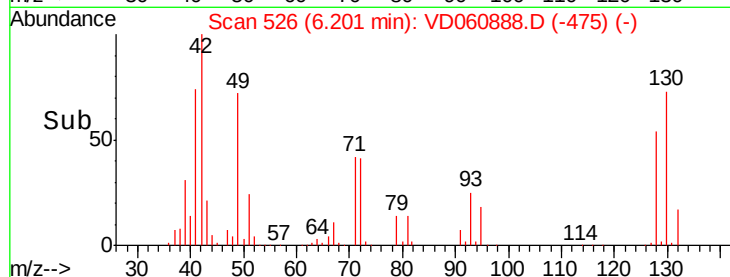
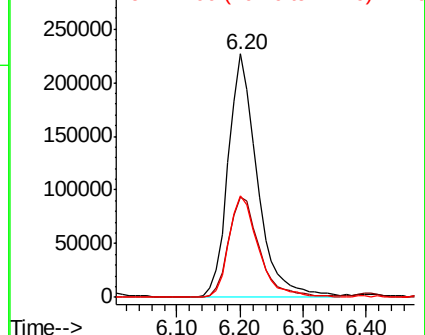


Abundance

Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 47.076 ug/l

RT: 6.41 min Scan# 547

Delta R.T. 0.00 min

Lab File: VD060888.D

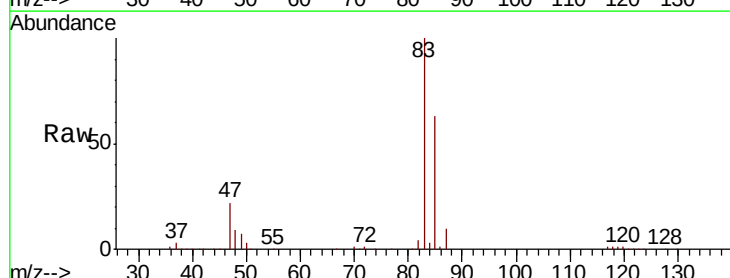
Acq: 21 Feb 2019 18:24

Tgt Ion: 83 Resp: 2036426

Ion Ratio Lower Upper

83 100

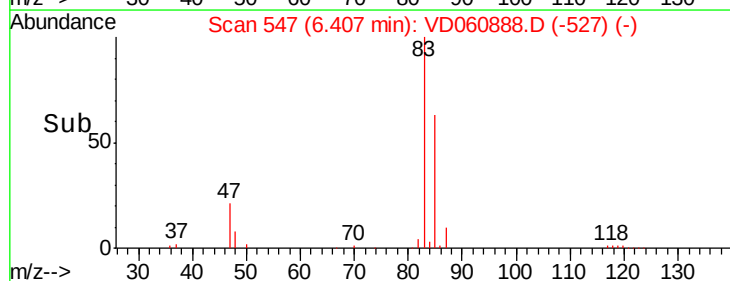
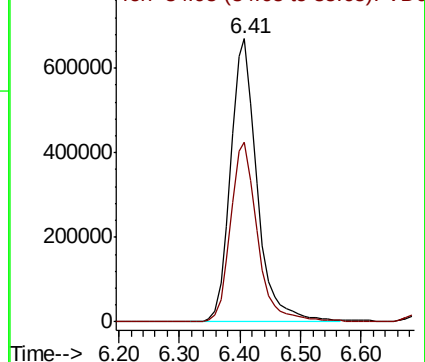
85 63.4 50.7 76.1

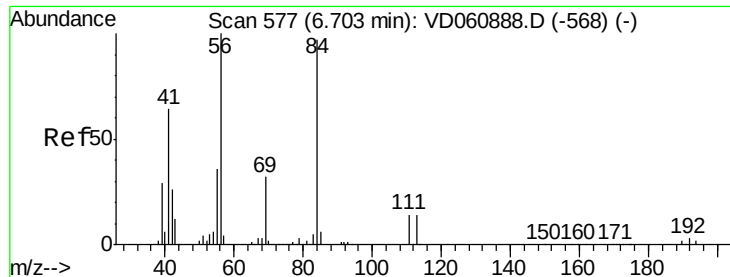


Abundance

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

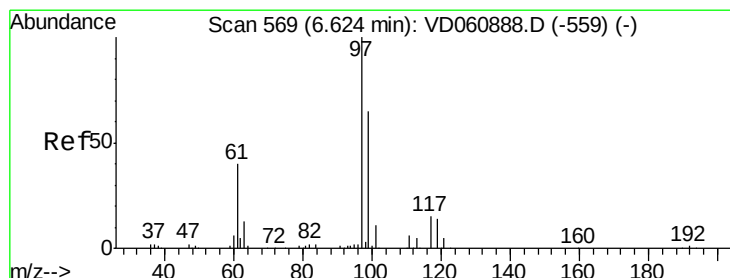
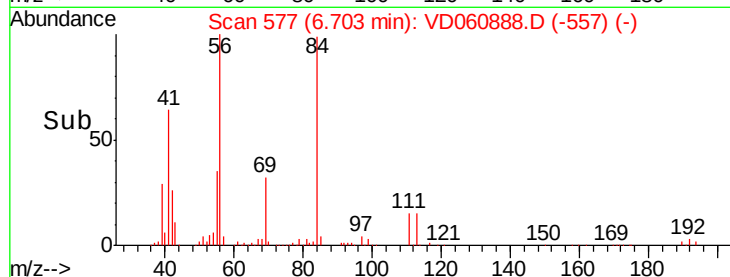
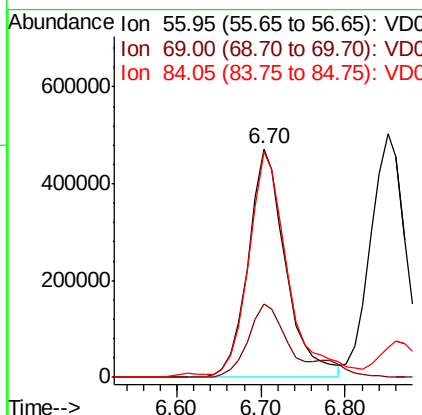
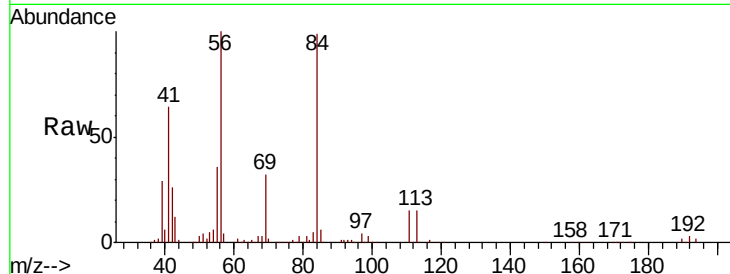




#31
Cyclohexane
Concen: 42.771 ug/l
RT: 6.70 min Scan# 577
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

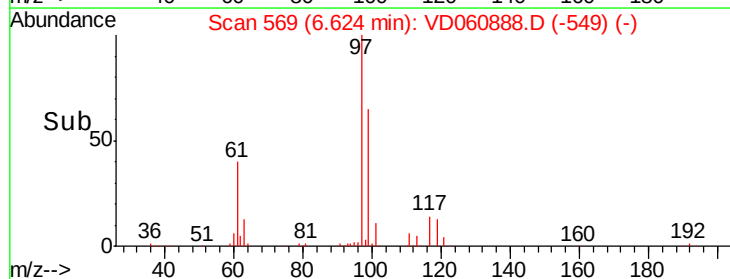
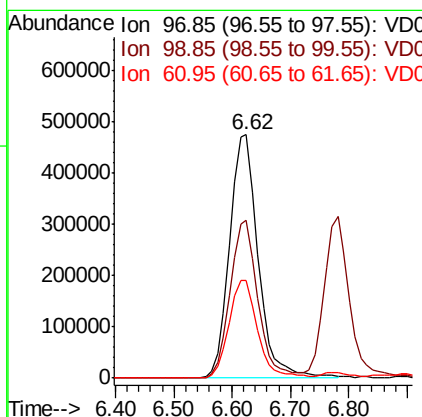
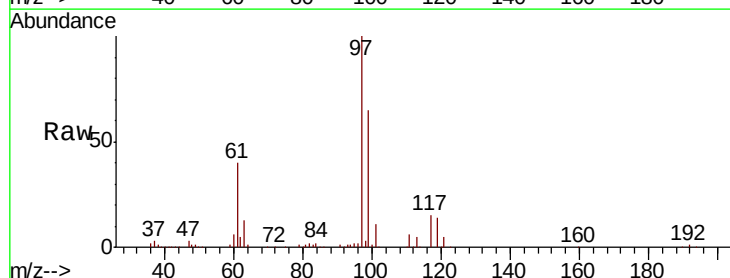
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

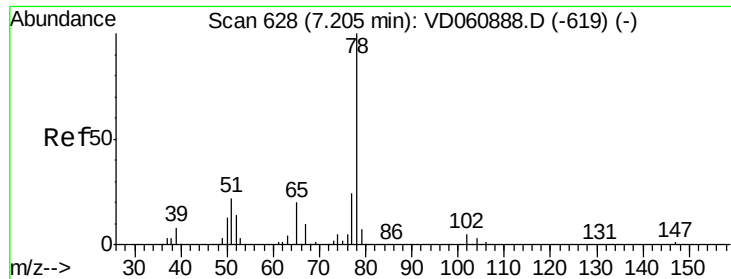
Tgt Ion: 56 Resp: 1476053
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.8
84 98.6 78.9 118.3



#32
1,1,1-Trichloroethane
Concen: 42.732 ug/l
RT: 6.62 min Scan# 569
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion: 97 Resp: 1621214
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 40.0 32.0 48.0

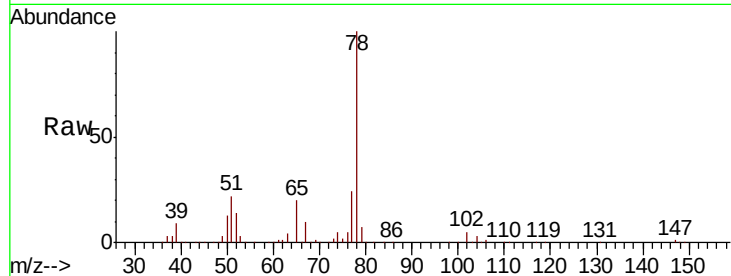




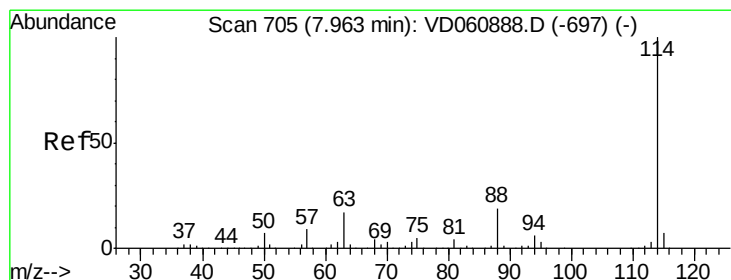
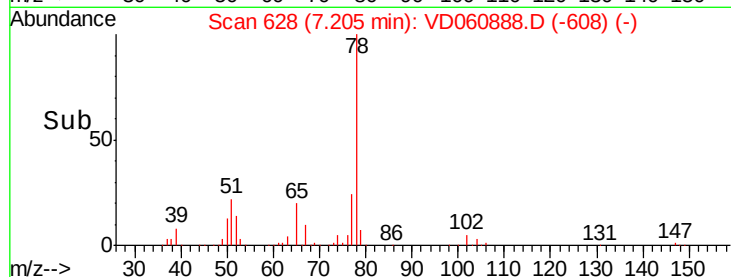
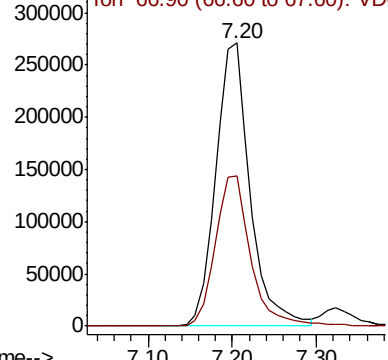
#33
 1,2-Dichloroethane-d4
 Concen: 42.732 ug/l
 RT: 7.20 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 65 Resp: 770770
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.0

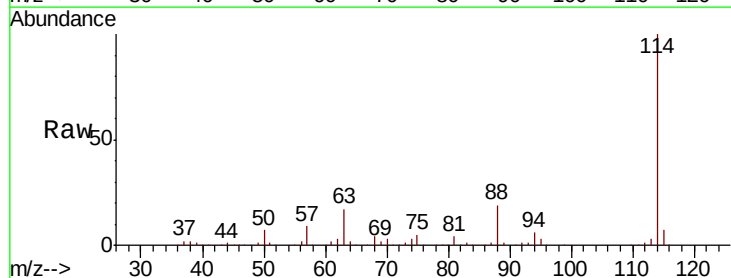


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

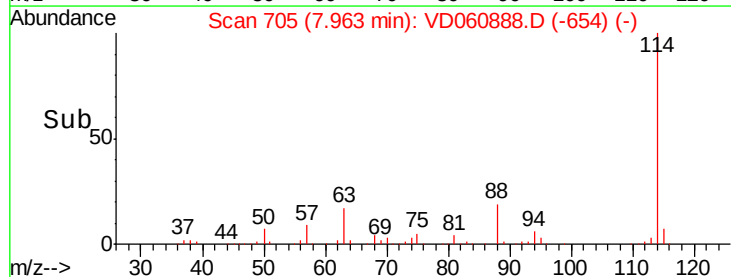
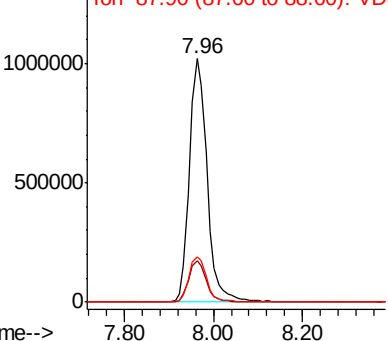


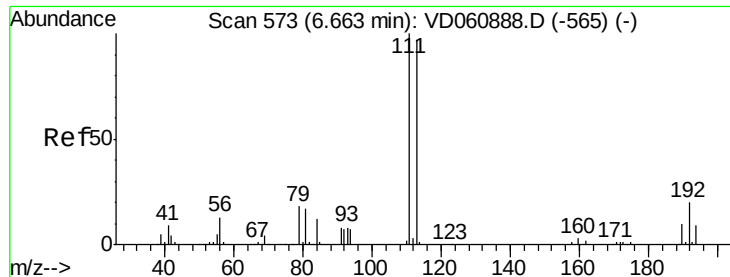
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.96 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

Tgt Ion: 114 Resp: 2814699
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.4
 88 18.6 0.0 37.2



Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.66 min Scan# 573

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

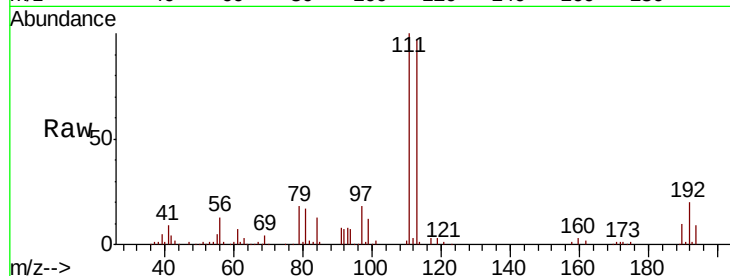
Tgt Ion:113 Resp: 1119394

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

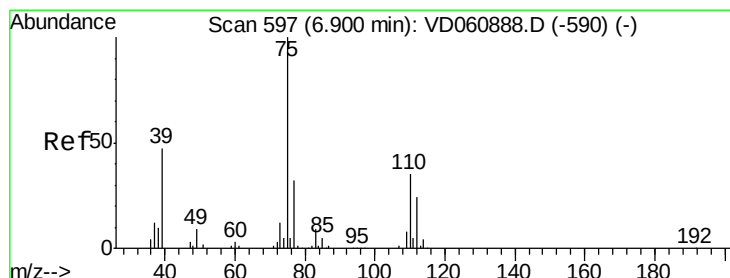
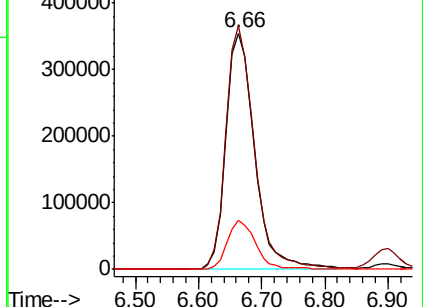
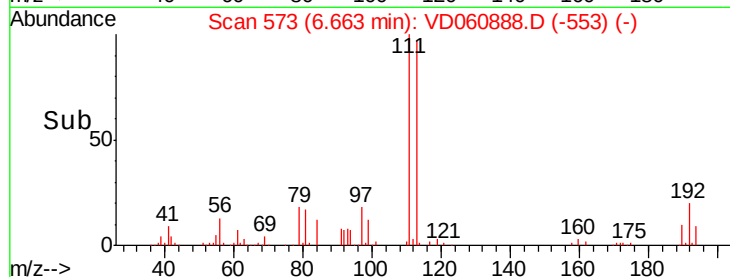
192 20.7 16.6 24.8



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: 44.210 ug/l

RT: 6.90 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

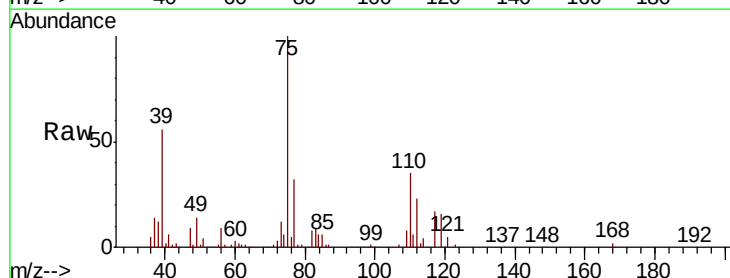
Tgt Ion: 75 Resp: 1516857

Ion Ratio Lower Upper

75 100

110 35.0 17.5 52.5

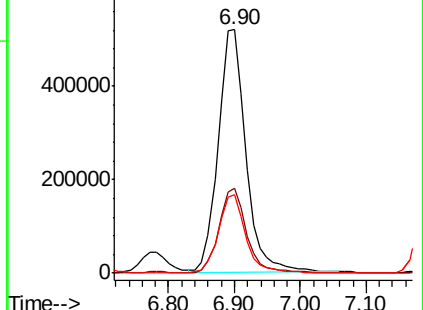
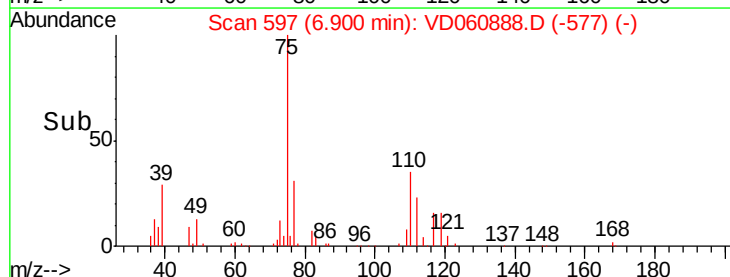
77 32.0 25.6 38.4

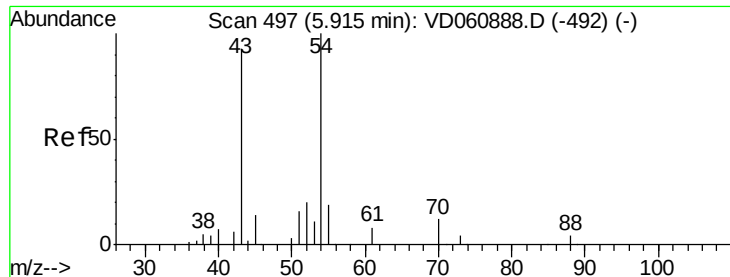


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

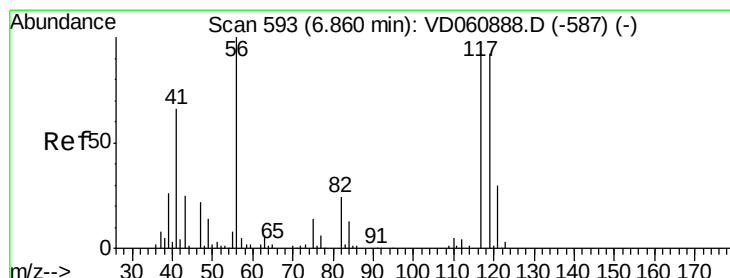
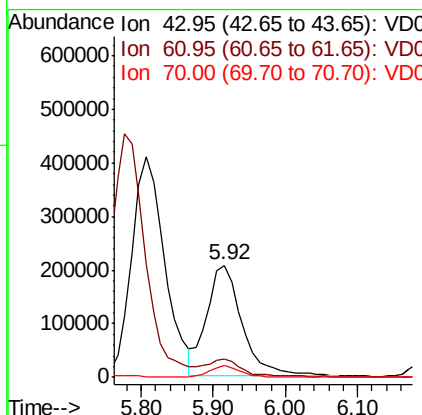
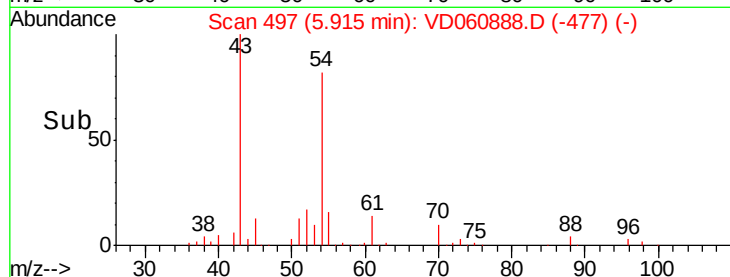
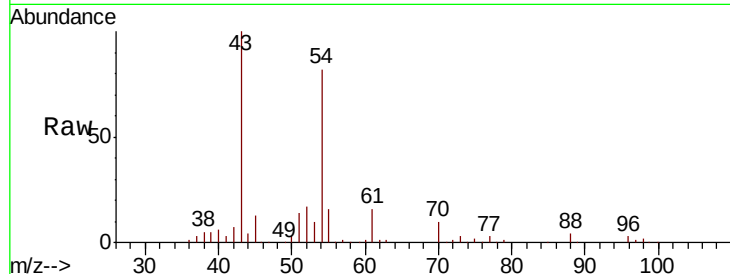




#37
Ethyl Acetate
Concen: 39.701 ug/l
RT: 5.92 min Scan# 497
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

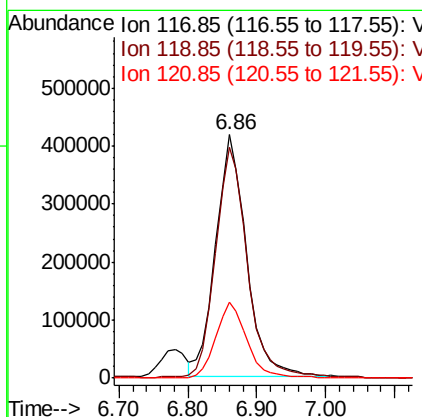
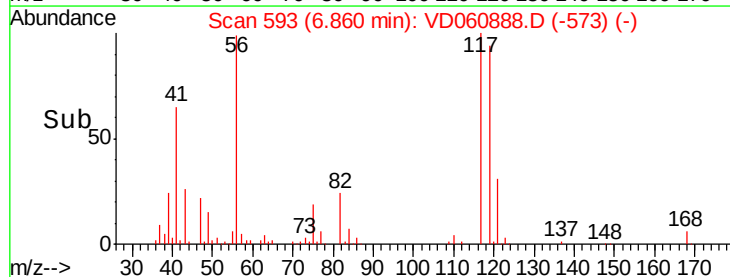
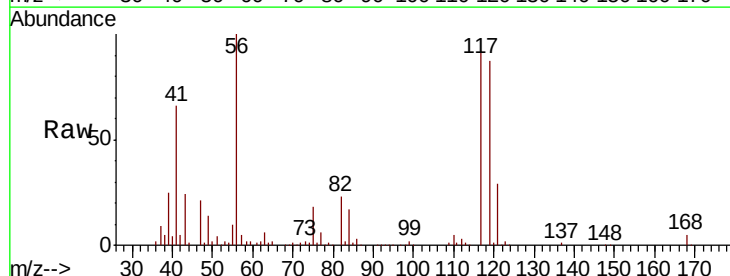
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

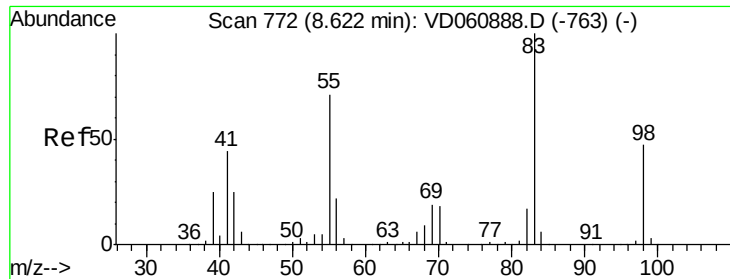
Tgt Ion: 43 Resp: 698842
Ion Ratio Lower Upper
43 100
61 16.1 12.9 19.3
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 36.740 ug/l
RT: 6.86 min Scan# 593
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion: 117 Resp: 1288325
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5
121 31.1 24.9 37.3

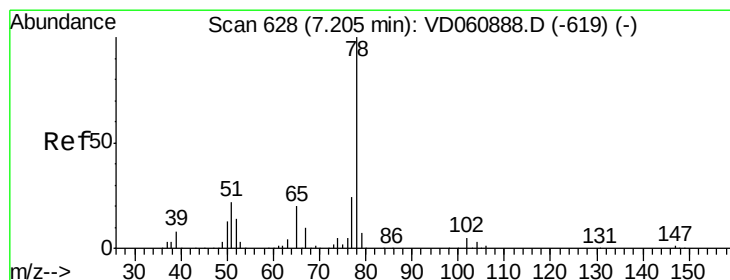
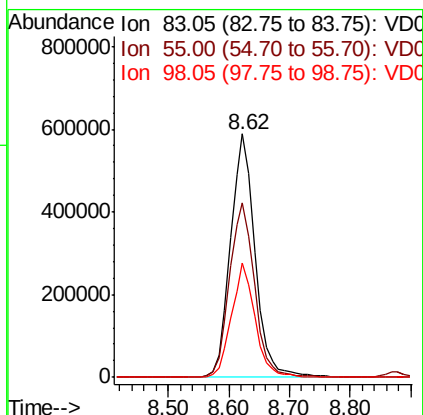
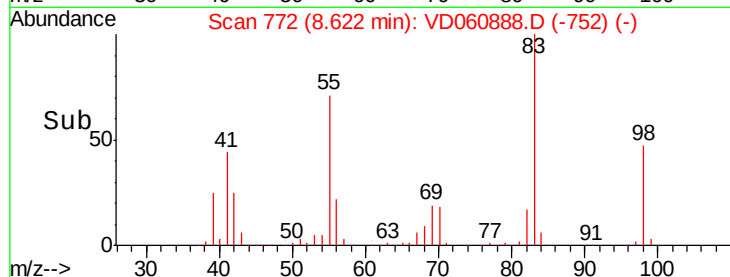
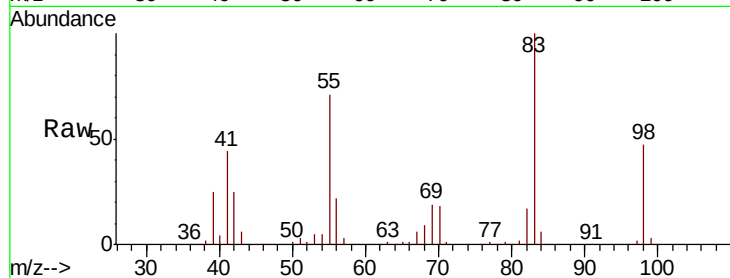




#39
Methylcyclohexane
Concen: 49.584 ug/l
RT: 8.62 min Scan# 772
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

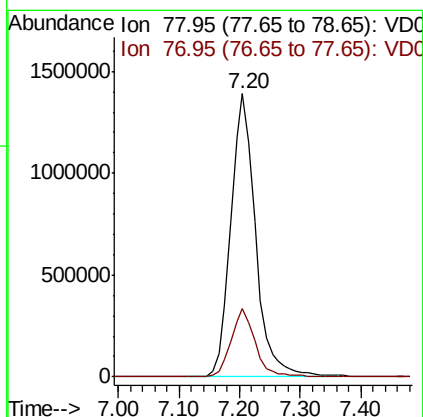
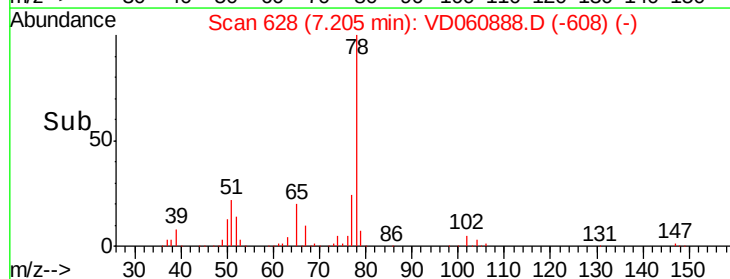
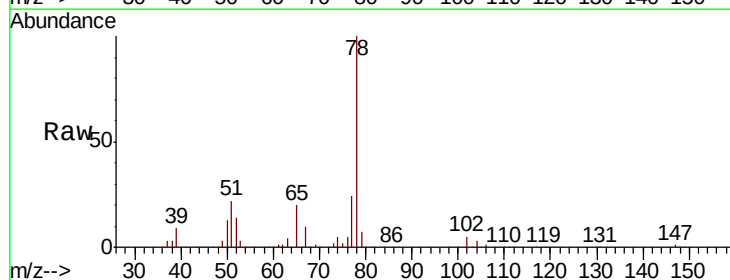
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

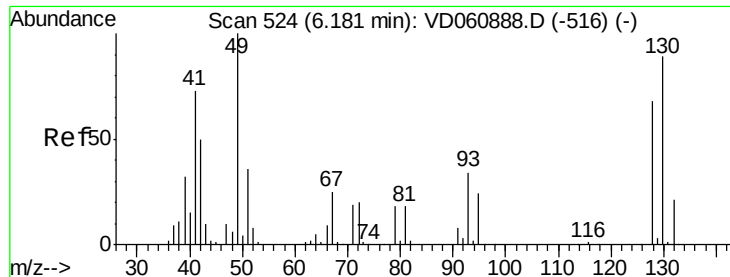
Tgt Ion: 83 Resp: 1653062
Ion Ratio Lower Upper
83 100
55 71.4 57.1 85.7
98 46.9 37.5 56.3



#40
Benzene
Concen: 50.993 ug/l
RT: 7.20 min Scan# 628
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion: 78 Resp: 3955704
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

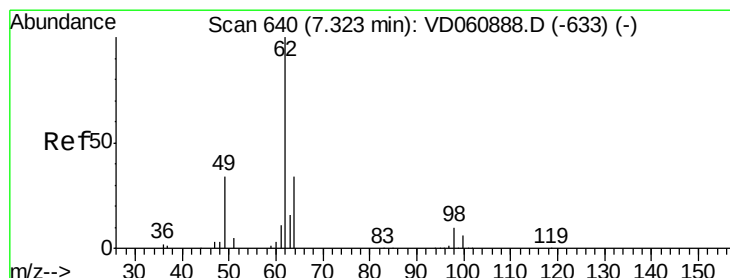
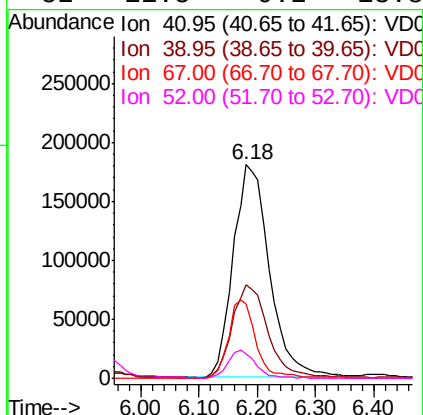
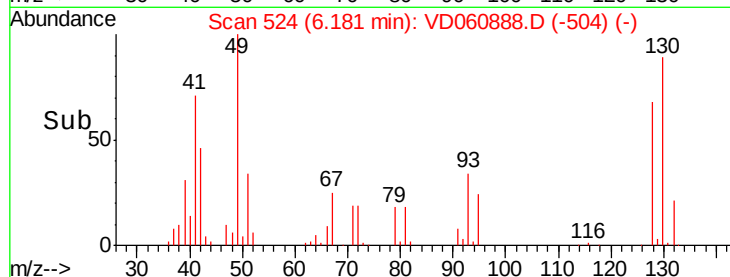
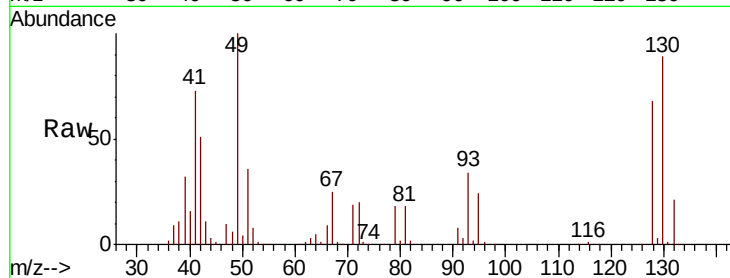




#41
Methacrylonitrile
Concen: 65.417 ug/l
RT: 6.18 min Scan# 524
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

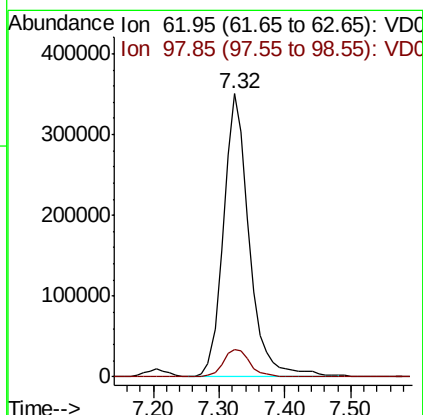
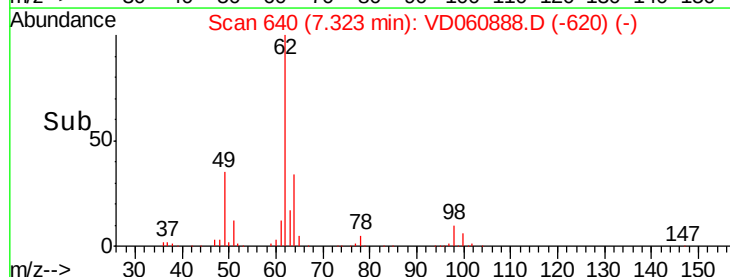
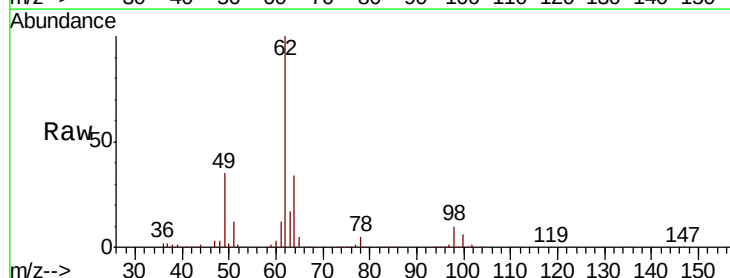
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

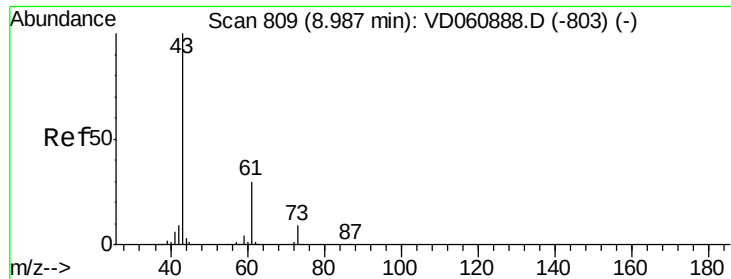
Tgt Ion:	41	Resp:	785659
Ion	Ratio	Lower	Upper
41	100		
39	43.9	35.1	52.7
67	35.0	28.0	42.0
52	11.5	9.2	13.8



#42
1,2-Dichloroethane
Concen: 32.132 ug/l
RT: 7.32 min Scan# 640
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion:	62	Resp:	957788
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4

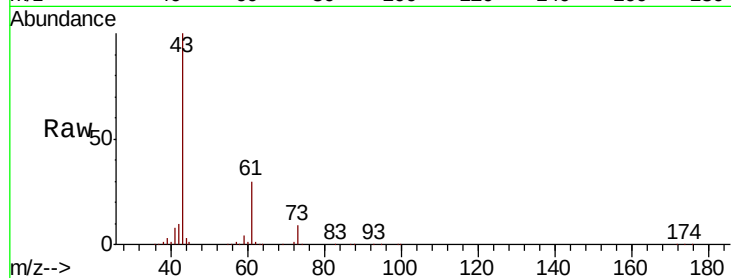




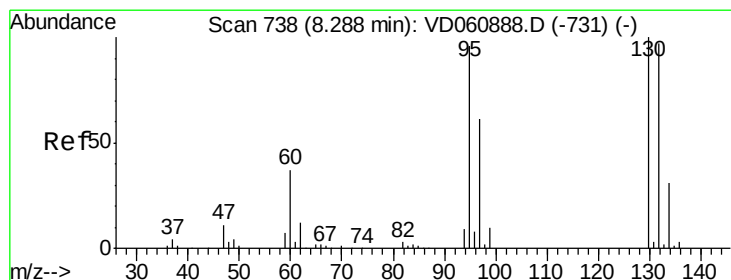
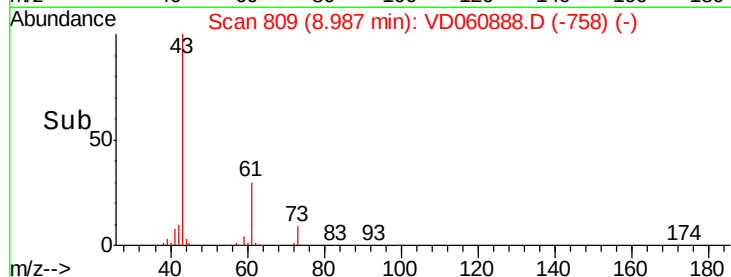
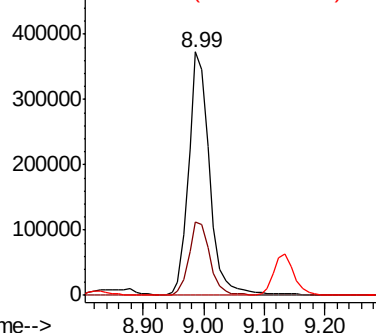
#43
Isopropyl Acetate
Concen: 39.743 ug/l
RT: 8.99 min Scan# 809
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 888760
Ion Ratio Lower Upper
43 100
61 29.9 23.9 35.9
87 0.3 0.2 0.4

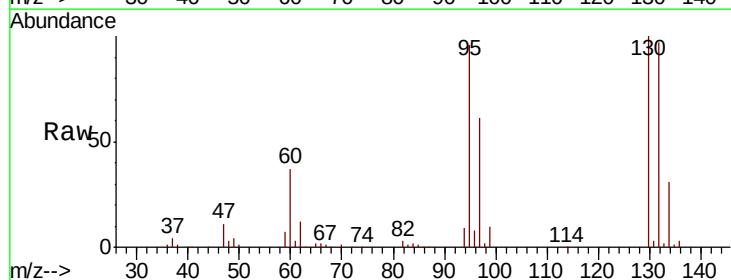


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC

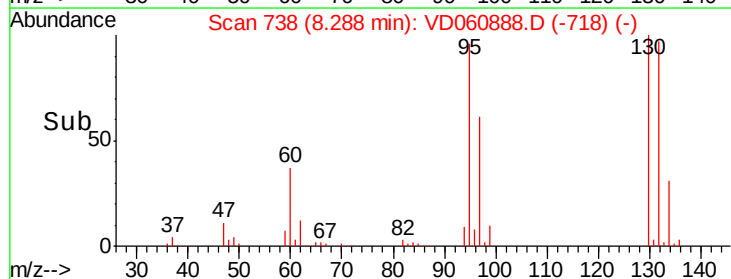
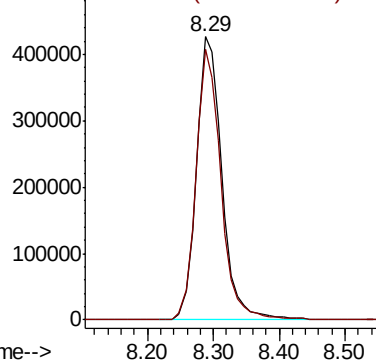


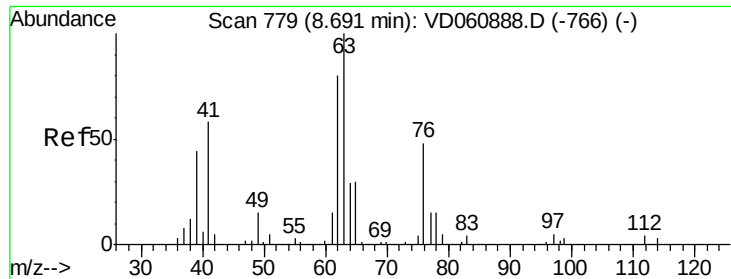
#44
Trichloroethene
Concen: 49.777 ug/l
RT: 8.29 min Scan# 738
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion: 130 Resp: 1150184
Ion Ratio Lower Upper
130 100
95 95.6 0.0 191.2



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

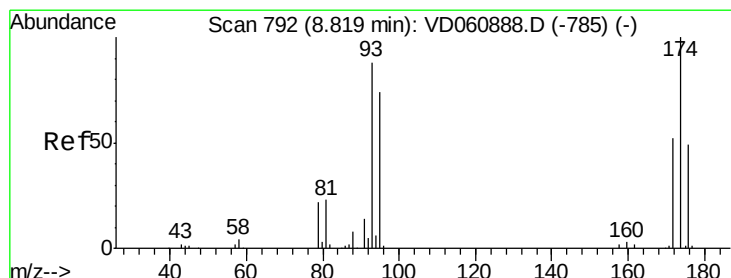
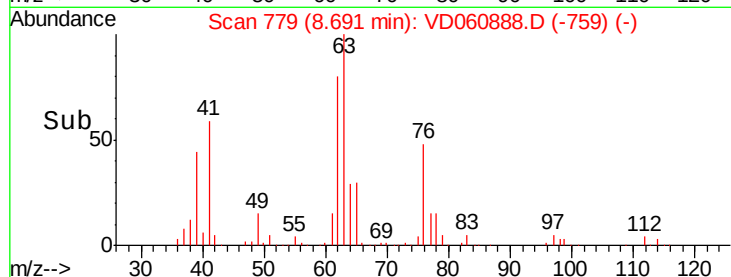
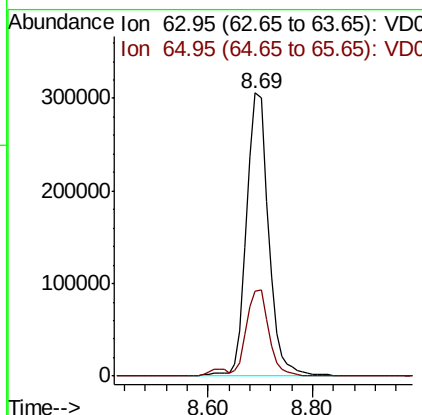
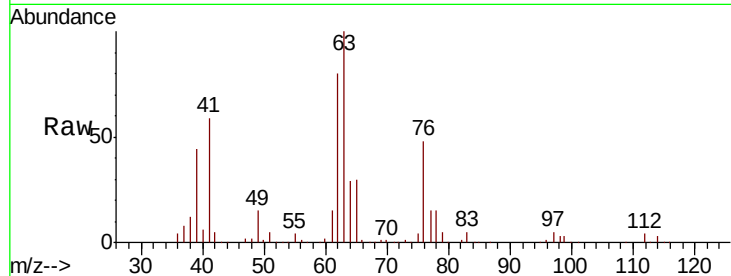




#45
 1,2-Dichloropropane
 Concen: 41.933 ug/l
 RT: 8.69 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

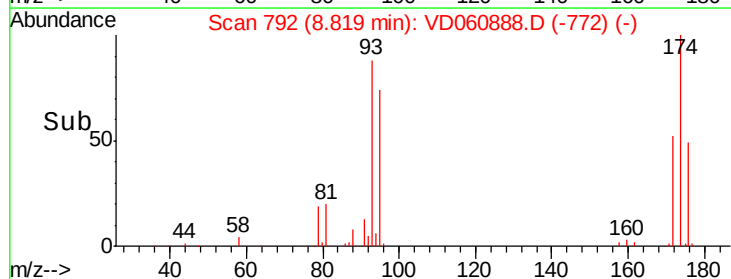
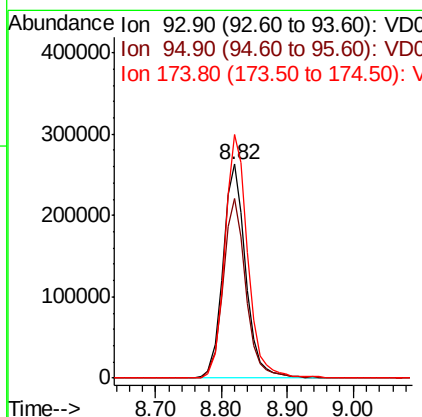
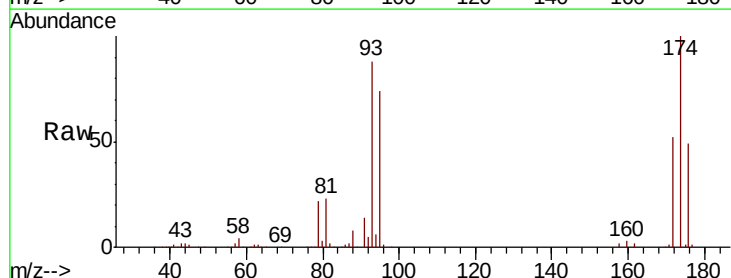
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

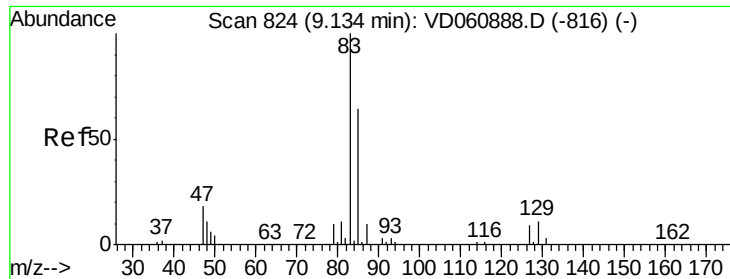
Tgt Ion: 63 Resp: 868426
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.1 36.1



#46
 Dibromomethane
 Concen: 47.887 ug/l
 RT: 8.82 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

Tgt Ion: 93 Resp: 635959
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.2 100.8
 174 113.9 91.1 136.7





#47

Bromodichloromethane

Concen: 45.900 ug/l

RT: 9.13 min Scan# 824

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

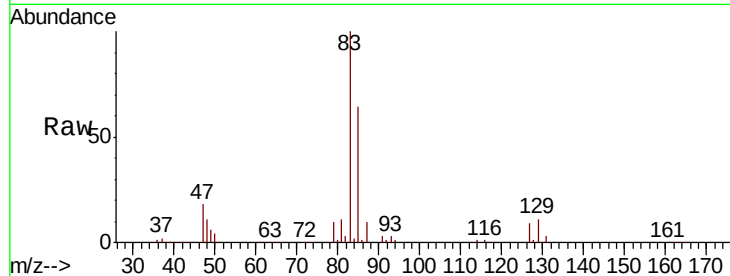
Tgt Ion: 83 Resp: 1525333

Ion Ratio Lower Upper

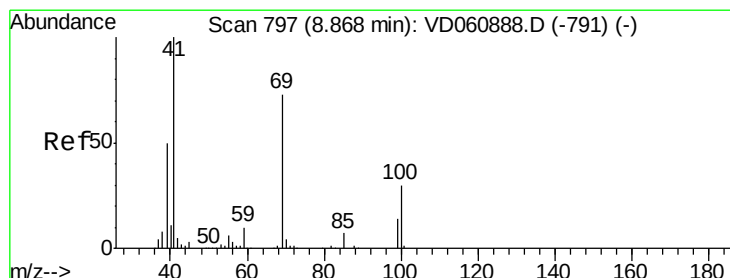
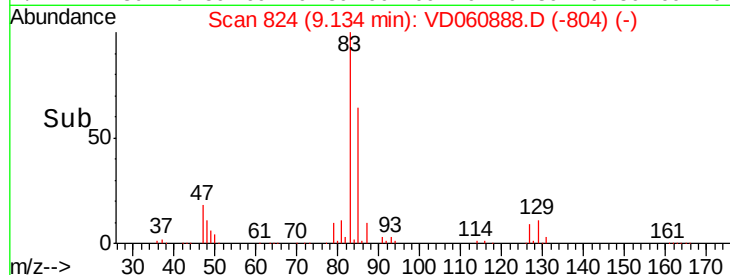
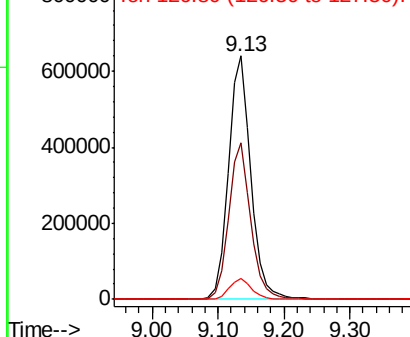
83 100

85 64.1 51.3 76.9

127 8.6 6.9 10.3



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: 34.931 ug/l

RT: 8.87 min Scan# 797

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

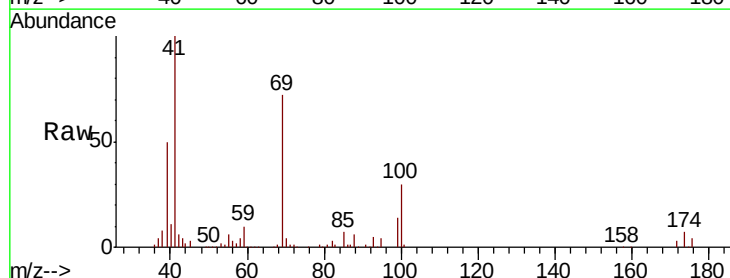
Tgt Ion: 41 Resp: 526425

Ion Ratio Lower Upper

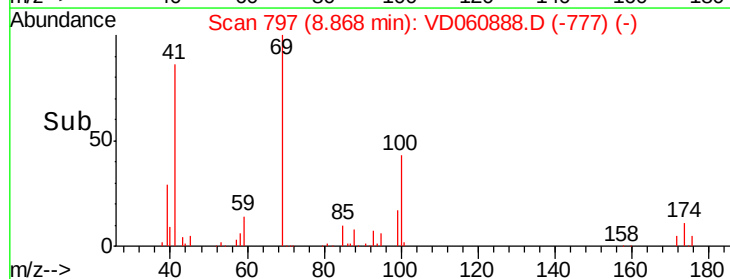
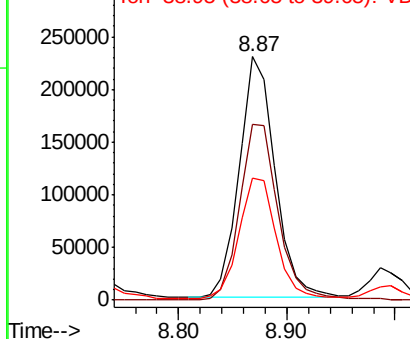
41 100

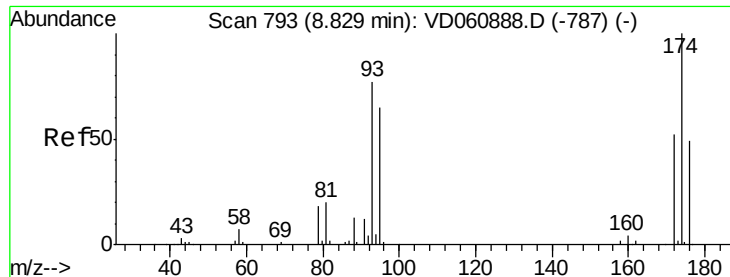
69 72.2 57.8 86.6

39 50.0 40.0 60.0



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

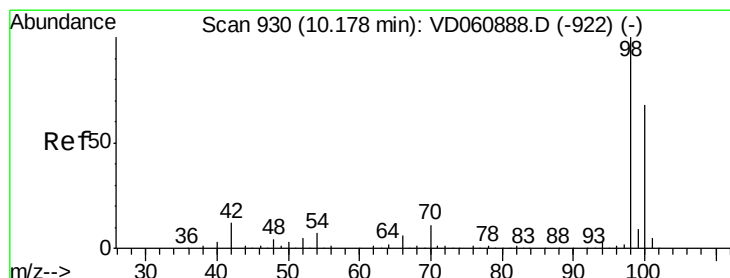
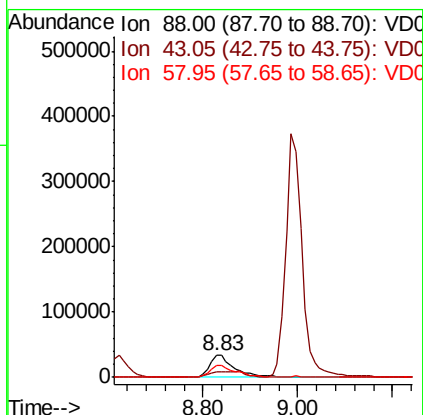
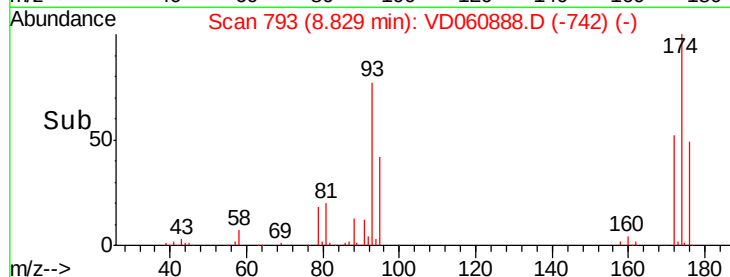
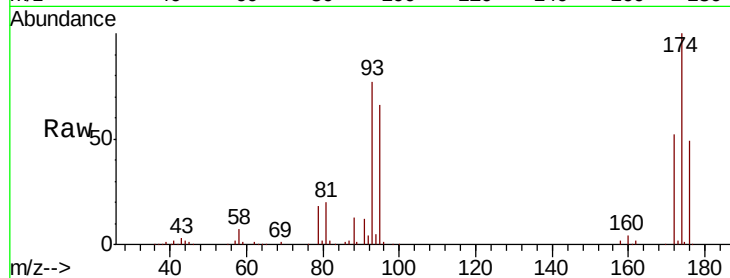




#49
1,4-Dioxane
Concen: 1130.390 ug/l
RT: 8.83 min Scan# 793
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

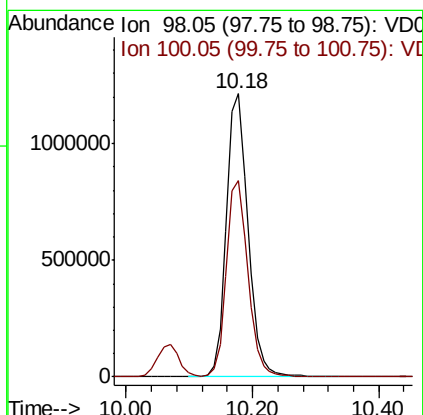
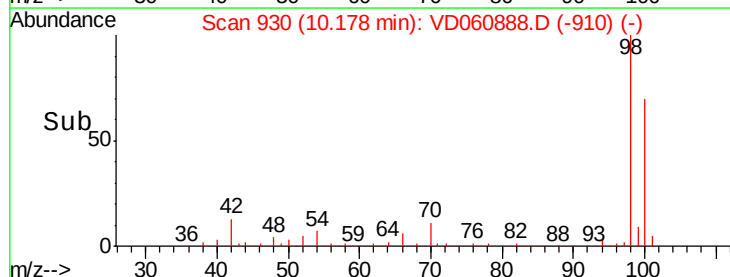
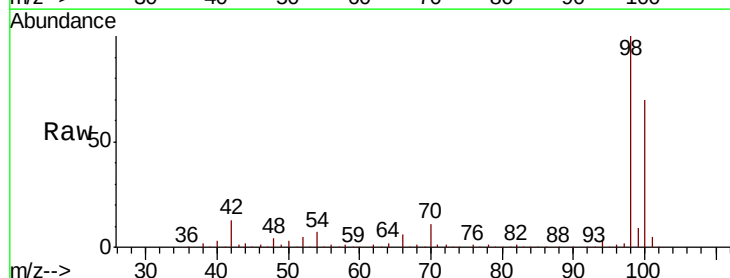
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

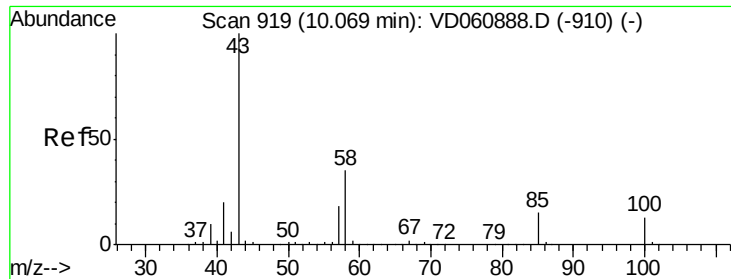
Tgt Ion: 88 Resp: 126326
Ion Ratio Lower Upper
88 100
43 27.0 21.6 32.4
58 53.8 43.0 64.6



#50
Toluene-d8
Concen: 1130.390 ug/l
RT: 10.18 min Scan# 930
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion: 98 Resp: 2877893
Ion Ratio Lower Upper
98 100
100 69.6 55.7 83.5





#51

4-Methyl-2-Pentanone

Concen: 195.243 ug/l

RT: 10.07 min Scan# 919

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

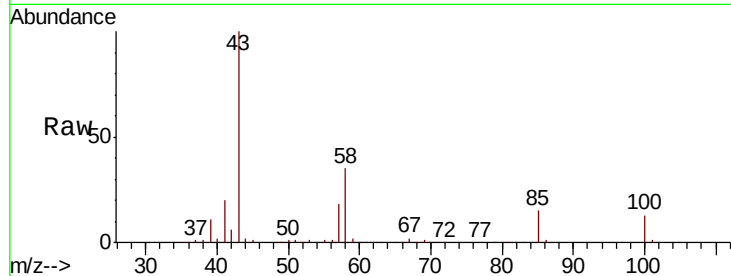
VSTDICCC050

Tgt Ion: 43 Resp: 2812809

Ion Ratio Lower Upper

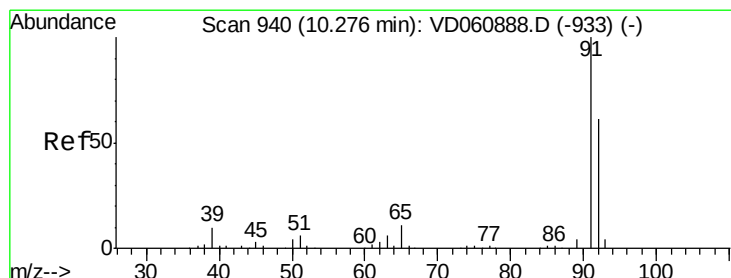
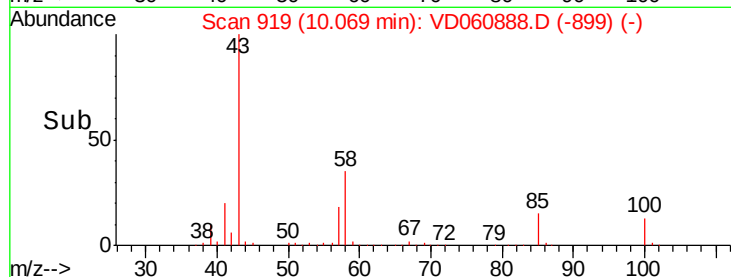
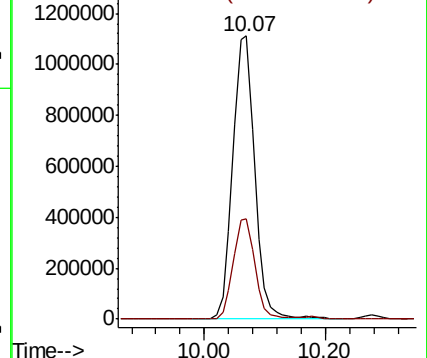
43 100

58 35.4 28.3 42.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 50.183 ug/l

RT: 10.28 min Scan# 940

Delta R.T. 0.00 min

Lab File: VD060888.D

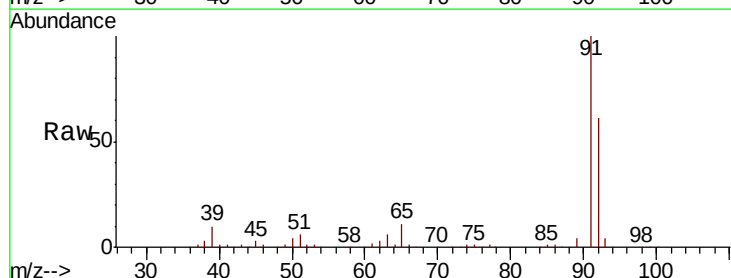
Acq: 21 Feb 2019 18:24

Tgt Ion: 92 Resp: 2240845

Ion Ratio Lower Upper

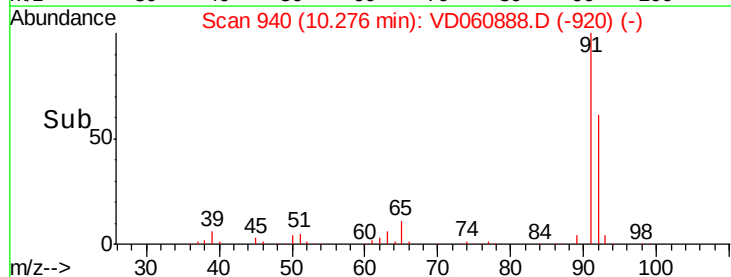
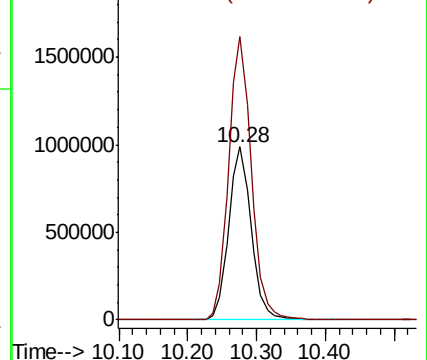
92 100

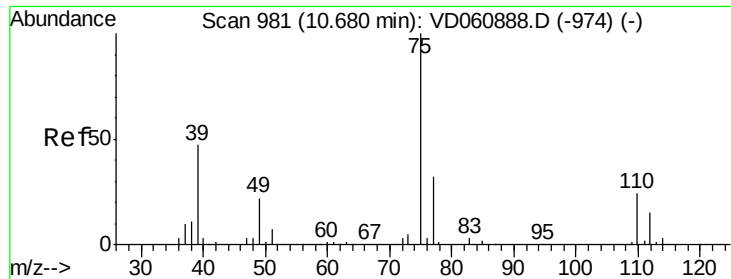
91 163.6 130.9 196.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

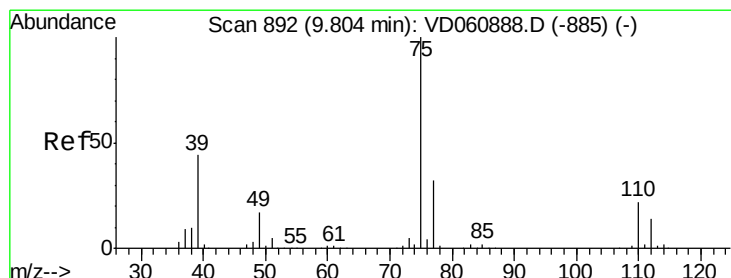
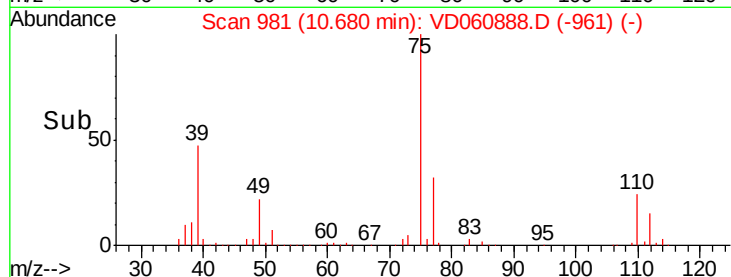
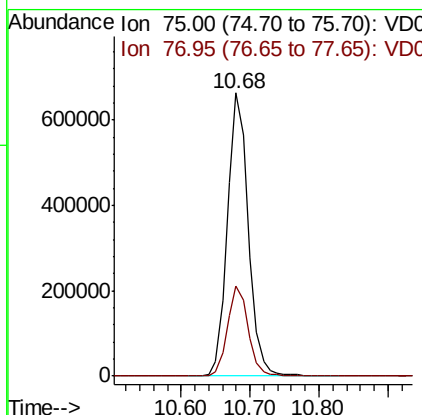
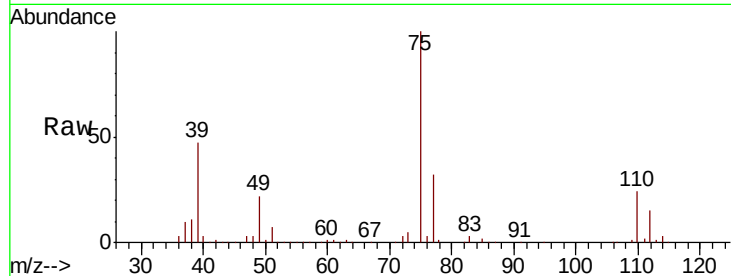




#53
 t-1,3-Dichloropropene
 Concen: 46.755 ug/l
 RT: 10.68 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

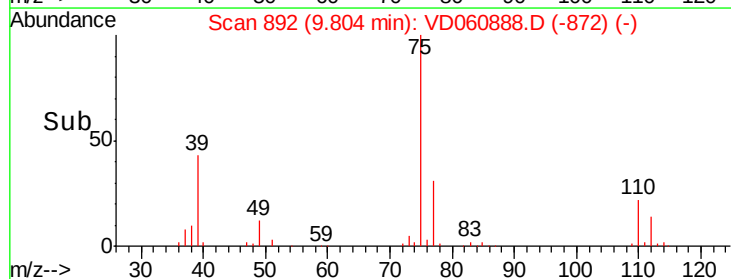
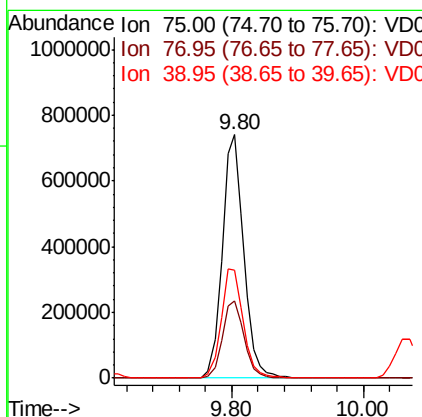
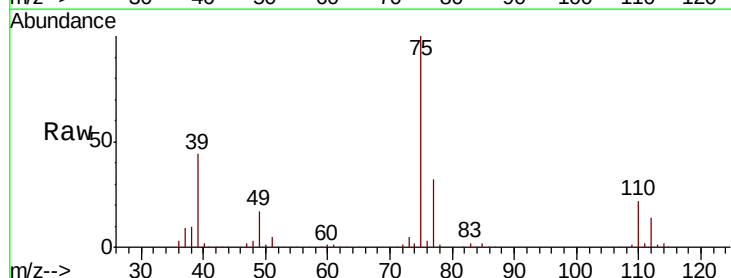
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

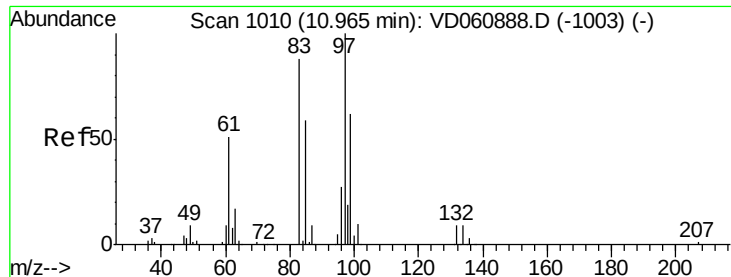
Tgt Ion: 75 Resp: 1390522
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.323 ug/l
 RT: 9.80 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

Tgt Ion: 75 Resp: 1682632
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 44.3 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 51.463 ug/l

RT: 10.97 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 682574

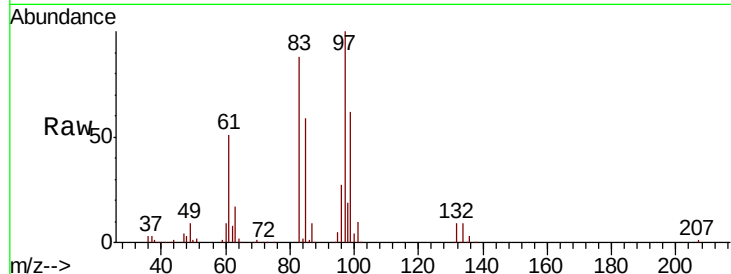
Ion Ratio Lower Upper

97 100

83 88.5 70.8 106.2

85 59.5 47.6 71.4

99 62.0 49.6 74.4

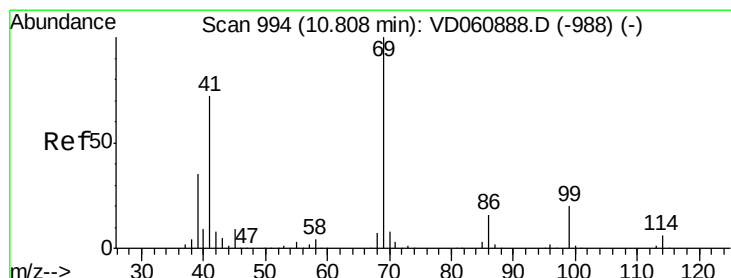
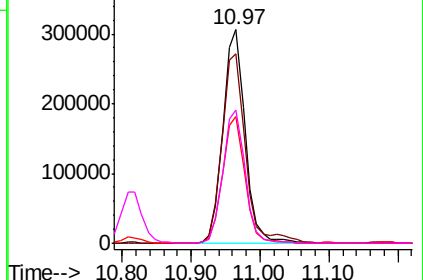
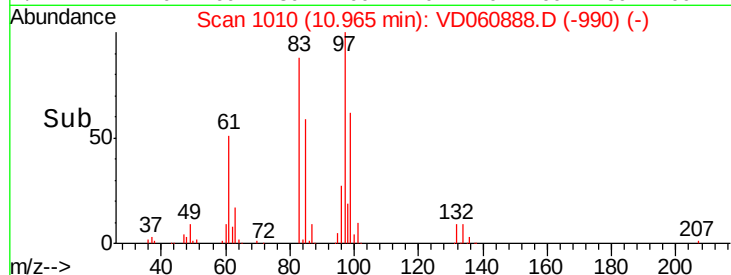


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 46.562 ug/l

RT: 10.81 min Scan# 994

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

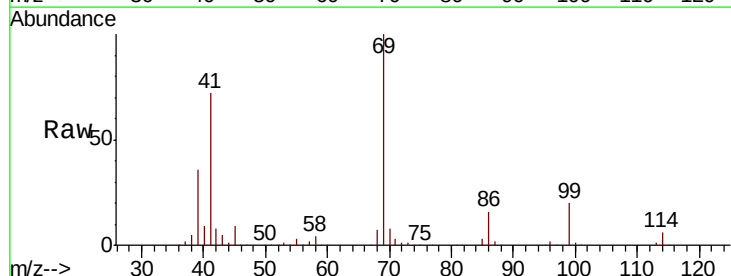
Tgt Ion: 69 Resp: 789745

Ion Ratio Lower Upper

69 100

41 72.3 57.8 86.8

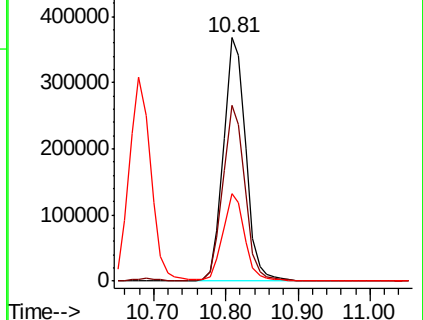
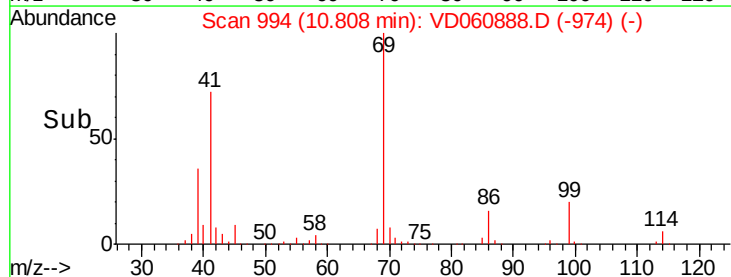
39 35.8 28.6 43.0

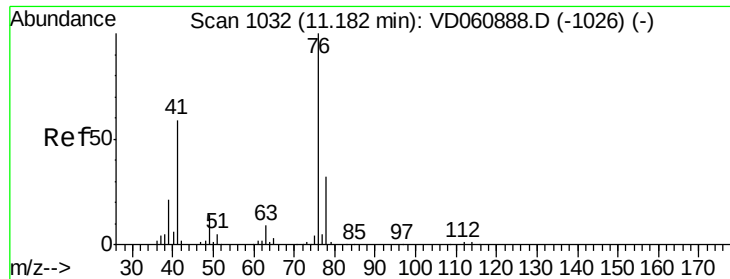


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 48.284 ug/l

RT: 11.18 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

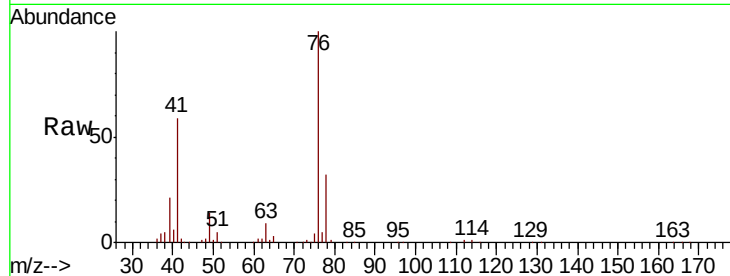
VSTDICCC050

Tgt Ion: 76 Resp: 1170928

Ion Ratio Lower Upper

76 100

78 31.6 25.3 37.9



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

11.18

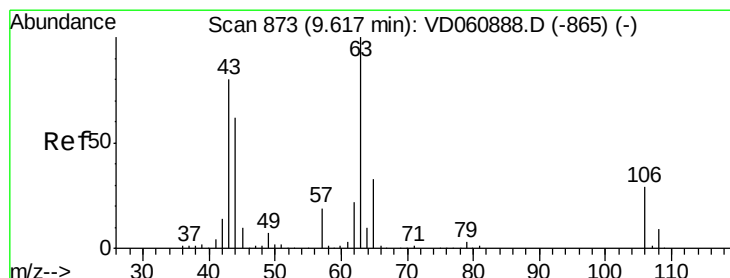
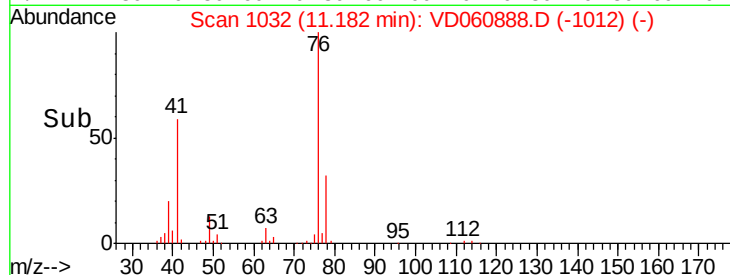
600000

400000

200000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 212.252 ug/l

RT: 9.62 min Scan# 873

Delta R.T. 0.00 min

Lab File: VD060888.D

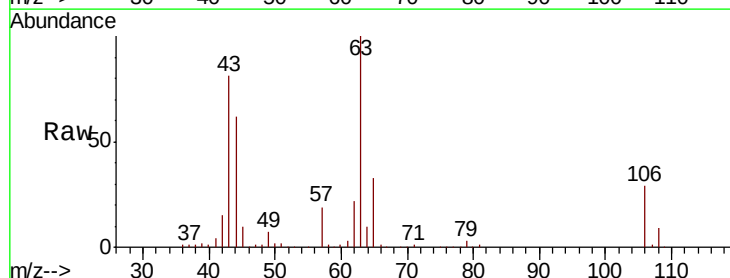
Acq: 21 Feb 2019 18:24

Tgt Ion: 63 Resp: 1815629

Ion Ratio Lower Upper

63 100

106 29.4 23.5 35.3



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

9.62

800000

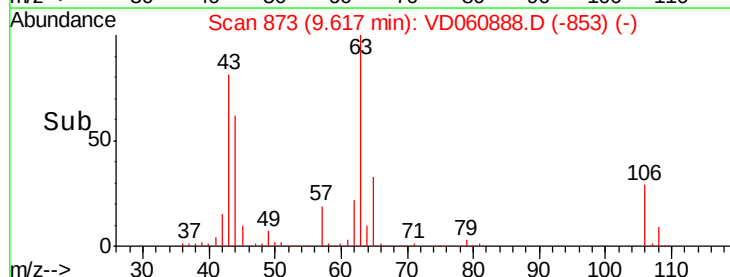
600000

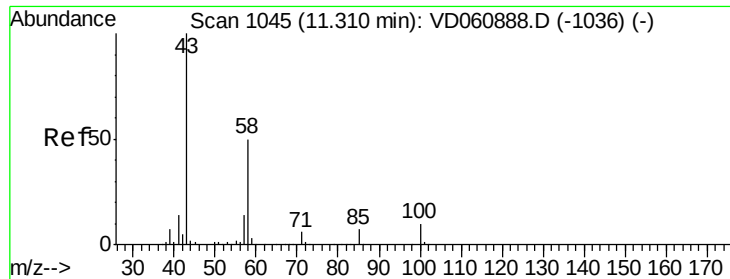
400000

200000

0

Time-->





#59

2-Hexanone

Concen: 187.965 ug/l

RT: 11.31 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

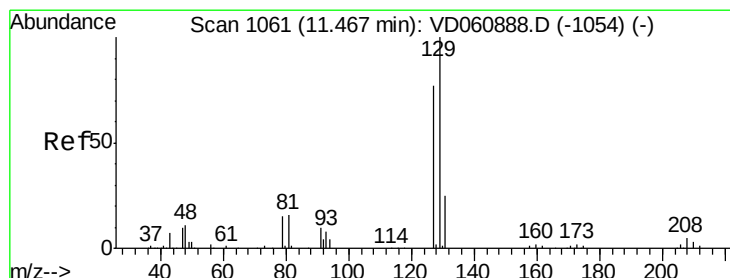
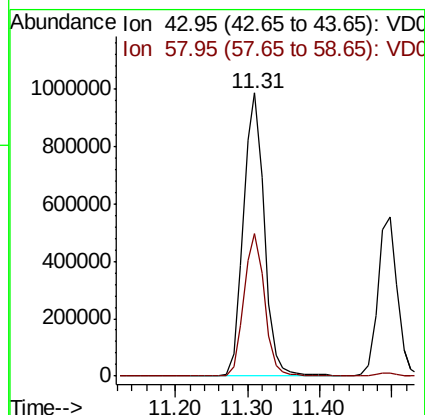
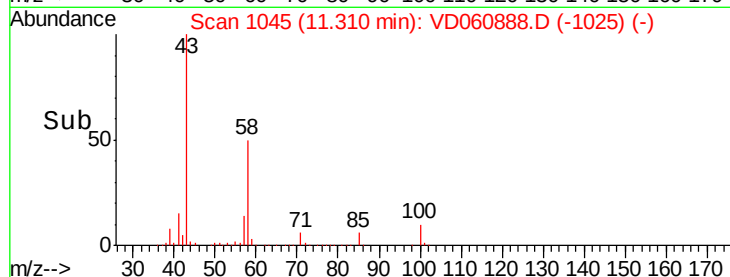
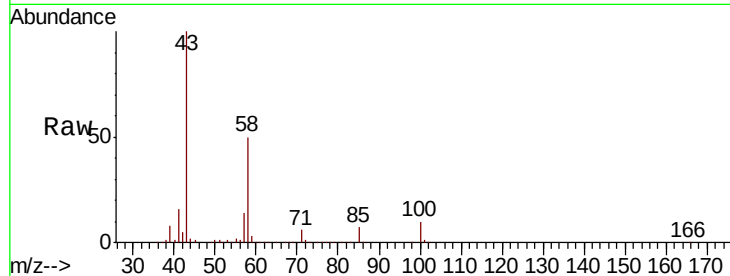
VSTDICCC050

Tgt Ion: 43 Resp: 1994566

Ion Ratio Lower Upper

43 100

58 50.2 25.1 75.3



#60

Dibromochloromethane

Concen: 47.237 ug/l

RT: 11.47 min Scan# 1061

Delta R.T. 0.00 min

Lab File: VD060888.D

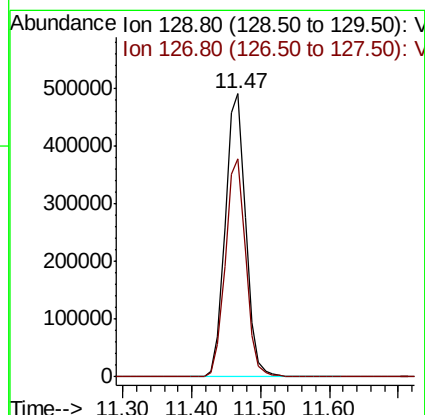
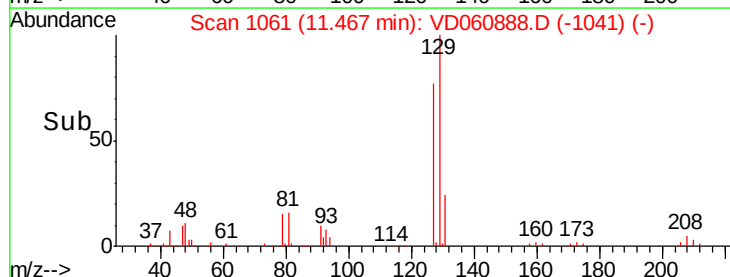
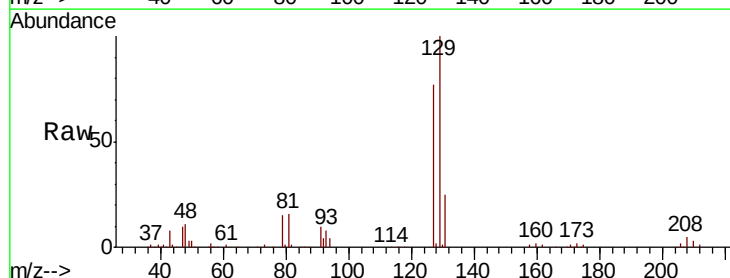
Acq: 21 Feb 2019 18:24

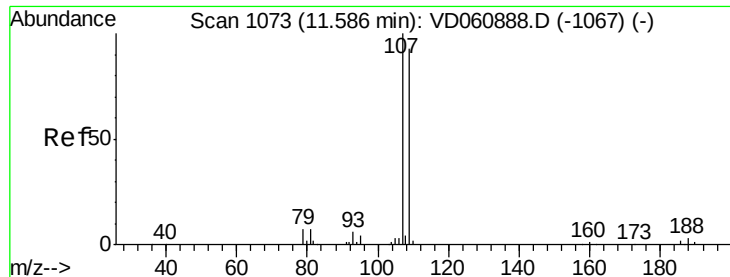
Tgt Ion: 129 Resp: 1009514

Ion Ratio Lower Upper

129 100

127 76.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.533 ug/l

RT: 11.59 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

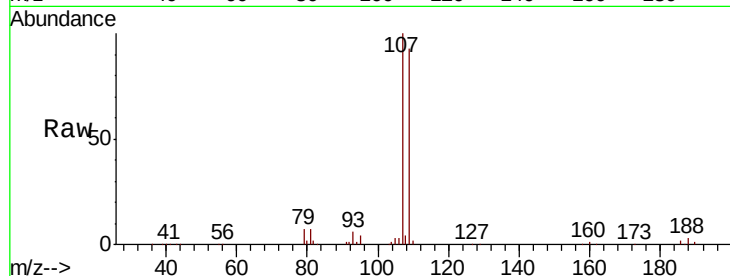
VSTDICCC050

Tgt Ion: 107 Resp: 809914

Ion Ratio Lower Upper

107 100

109 92.6 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

11.59

400000

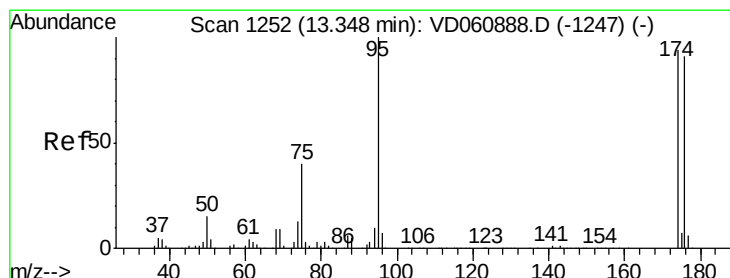
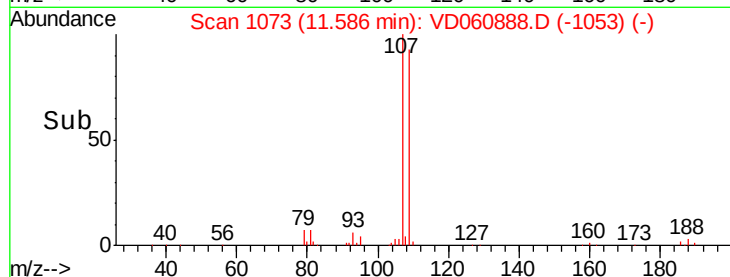
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.533 ug/l

RT: 13.35 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

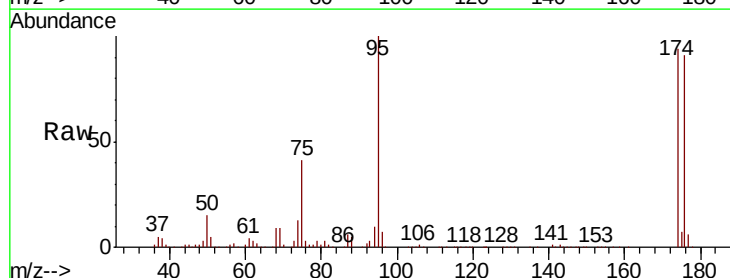
Tgt Ion: 95 Resp: 1122559

Ion Ratio Lower Upper

95 100

174 94.0 0.0 188.0

176 90.6 0.0 181.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

13.35

1000000

800000

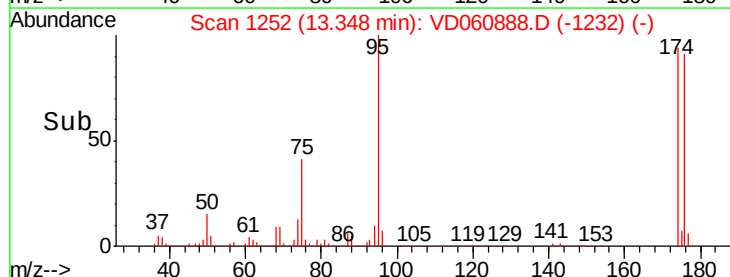
600000

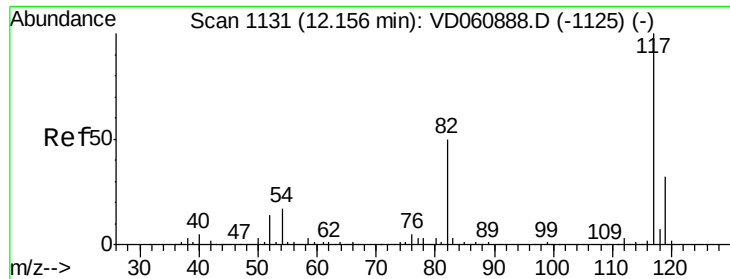
400000

200000

0

Time-->

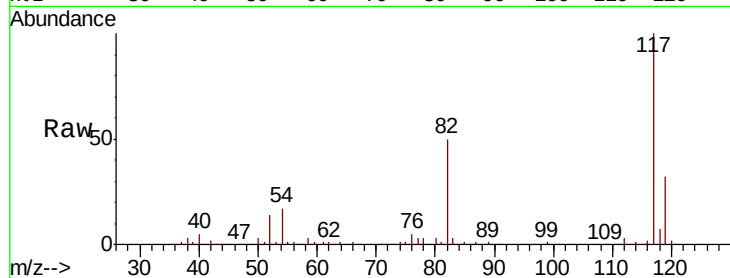




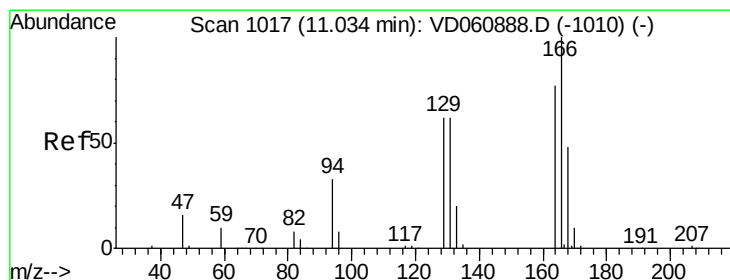
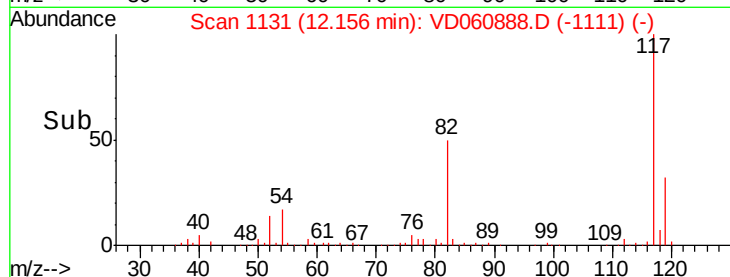
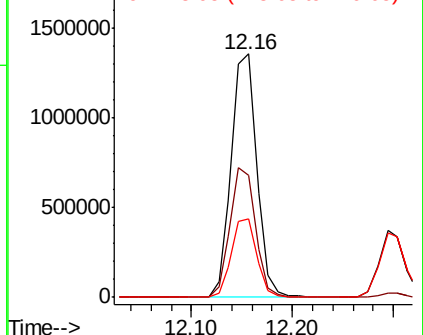
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.16 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 2389005
Ion Ratio Lower Upper
117 100
82 50.4 40.3 60.5
119 32.2 25.8 38.6

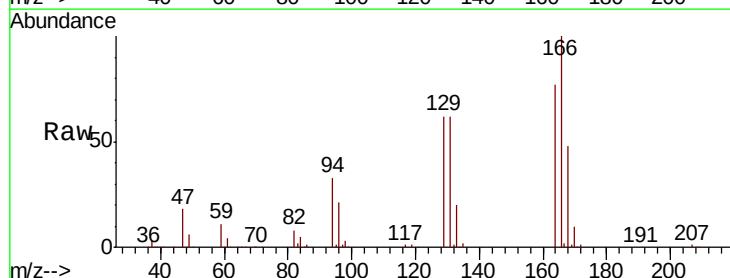


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

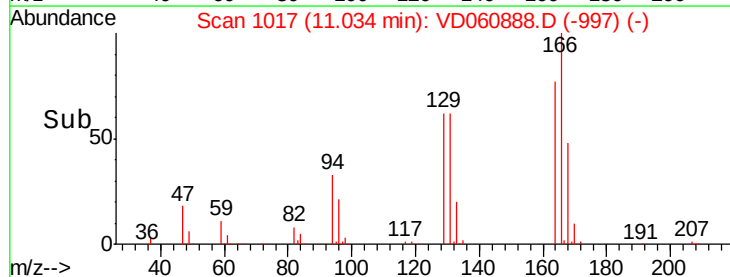
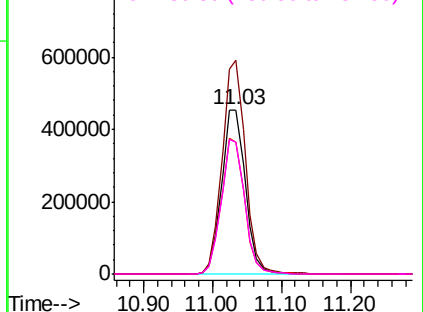


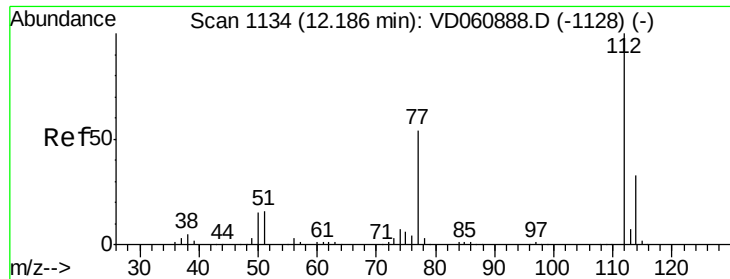
#64
Tetrachloroethene
Concen: 48.358 ug/l
RT: 11.03 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion:164 Resp: 1085359
Ion Ratio Lower Upper
164 100
166 129.9 103.9 155.9
129 80.5 64.4 96.6
131 80.3 64.2 96.4



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

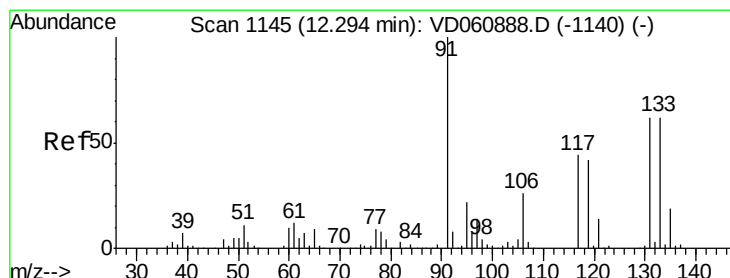
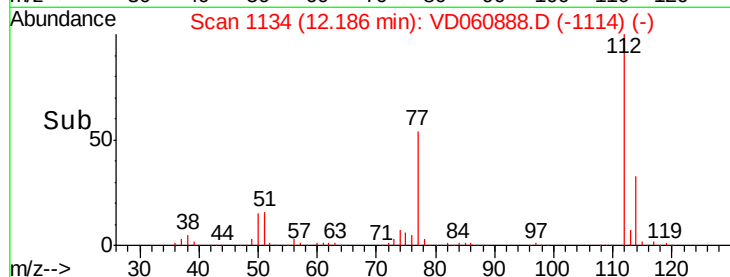
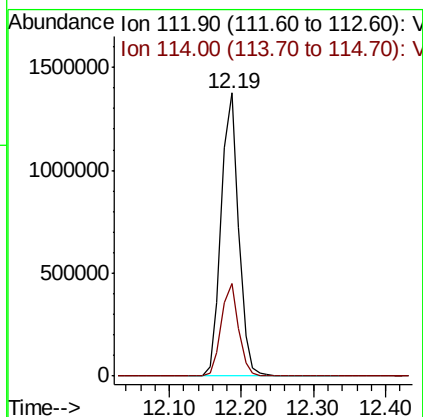
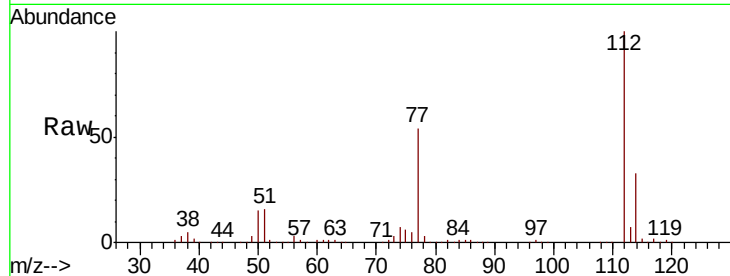




#65
Chlorobenzene
Concen: 46.378 ug/l
RT: 12.19 min Scan# 1134
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

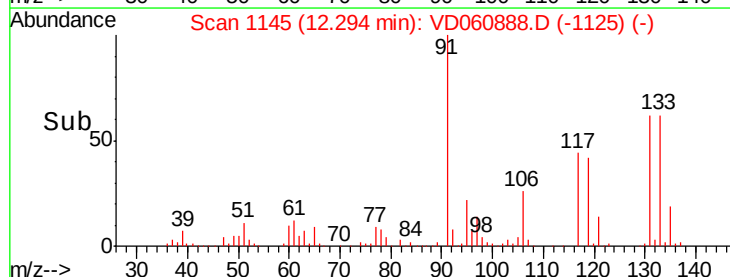
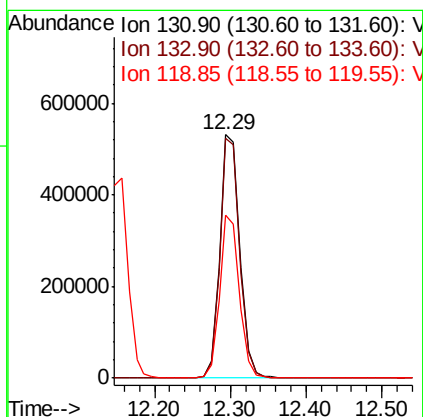
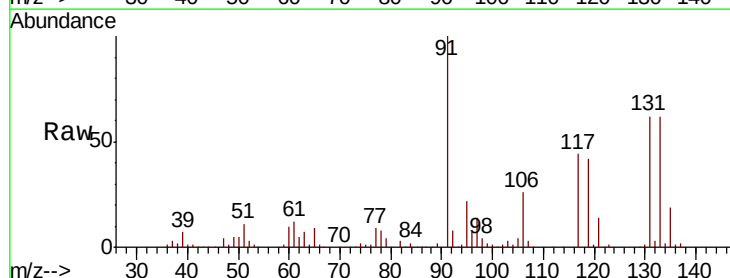
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

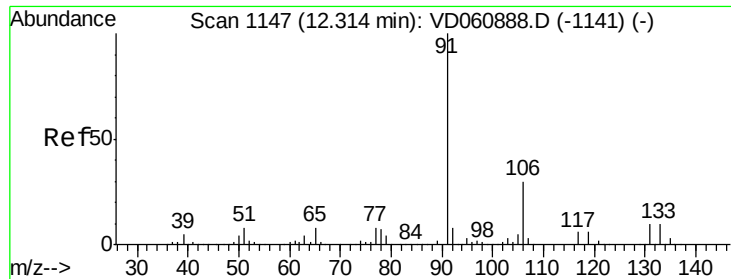
Tgt Ion:112 Resp: 2301075
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 45.503 ug/l
RT: 12.29 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion:131 Resp: 975469
Ion Ratio Lower Upper
131 100
133 98.6 49.3 147.9
119 67.0 33.5 100.5





#67

Ethyl Benzene

Concen: 43.664 ug/l

RT: 12.31 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

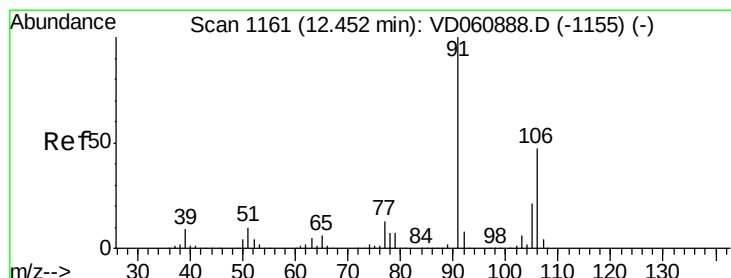
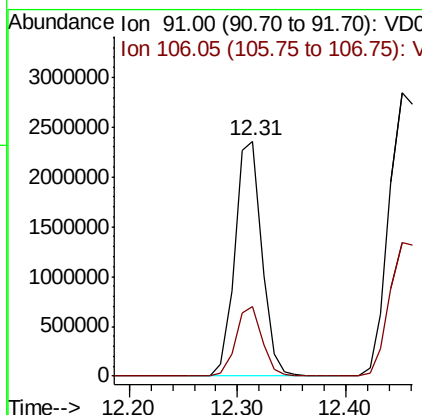
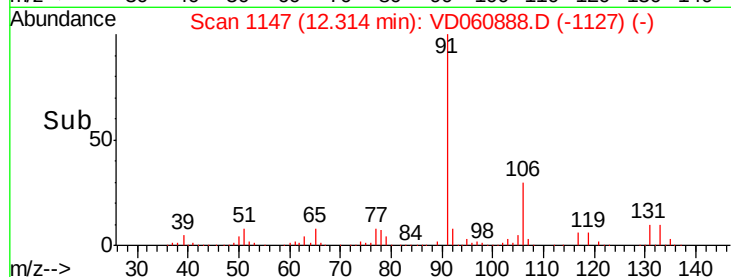
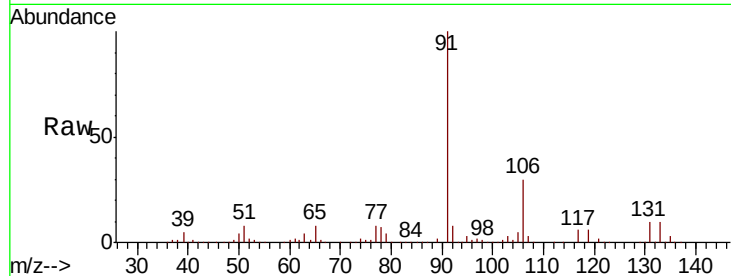
VSTDICCC050

Tgt Ion: 91 Resp: 4084600

Ion Ratio Lower Upper

91 100

106 29.6 23.7 35.5



#68

m/p-Xylenes

Concen: 90.528 ug/l

RT: 12.45 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VD060888.D

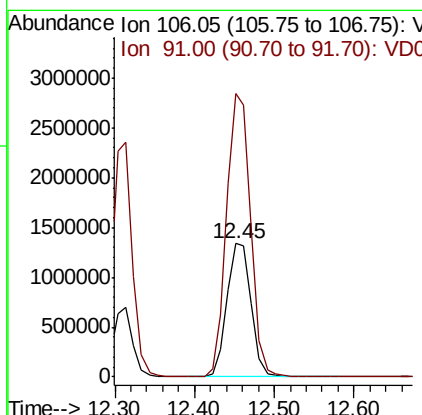
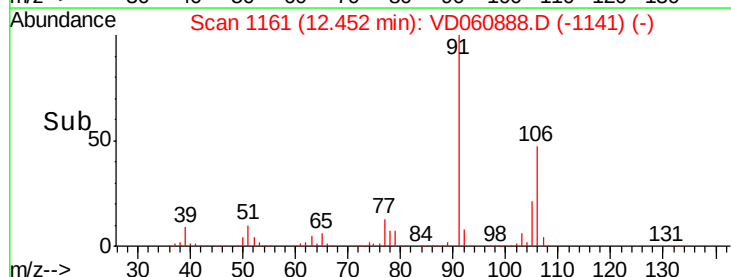
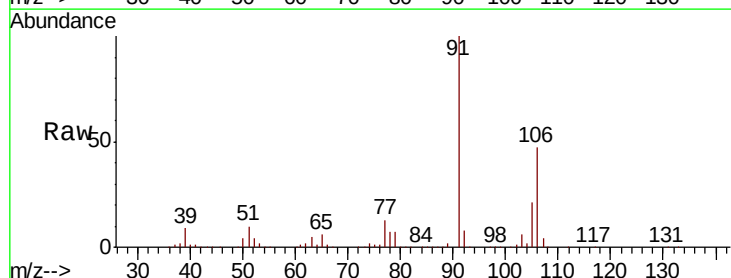
Acq: 21 Feb 2019 18:24

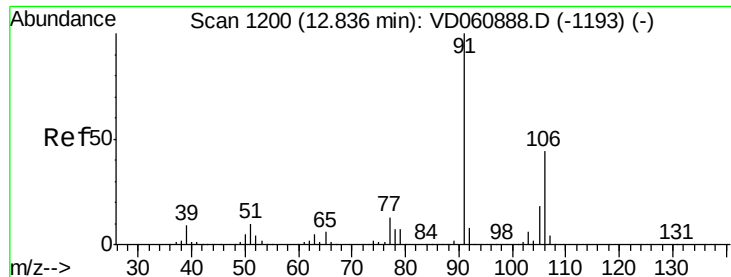
Tgt Ion: 106 Resp: 2846247

Ion Ratio Lower Upper

106 100

91 212.0 169.6 254.4

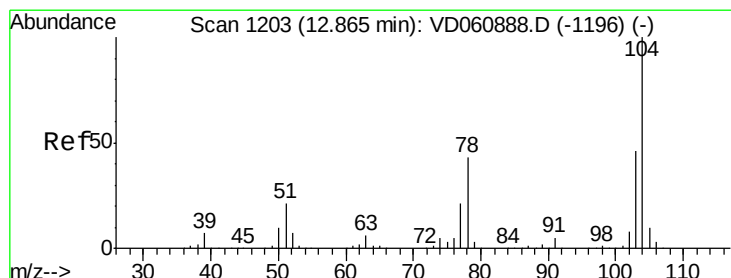
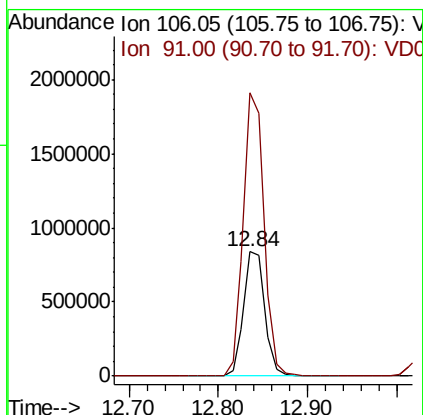
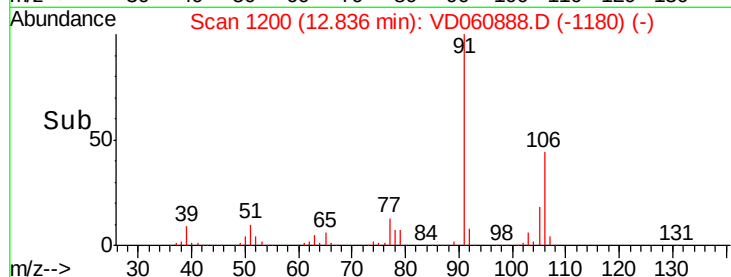
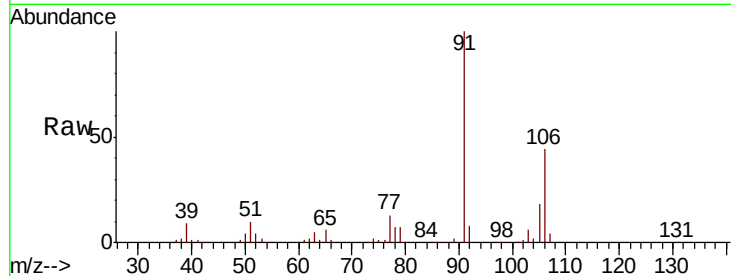




#69
o-Xylene
Concen: 46.029 ug/l
RT: 12.84 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

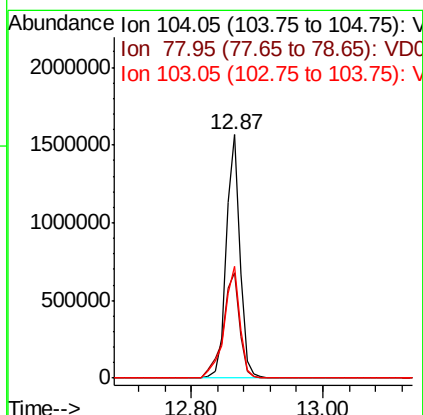
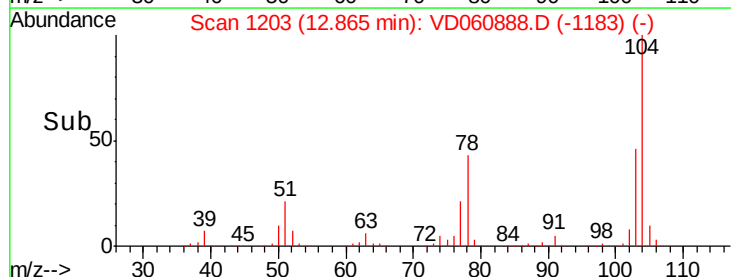
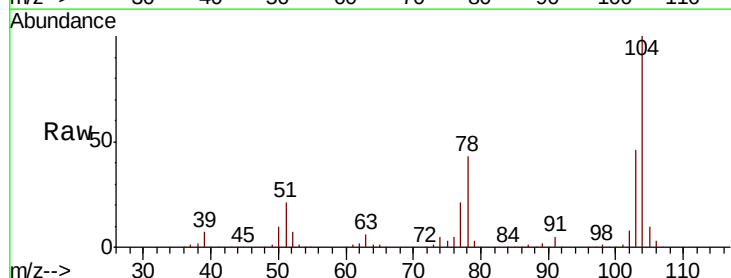
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

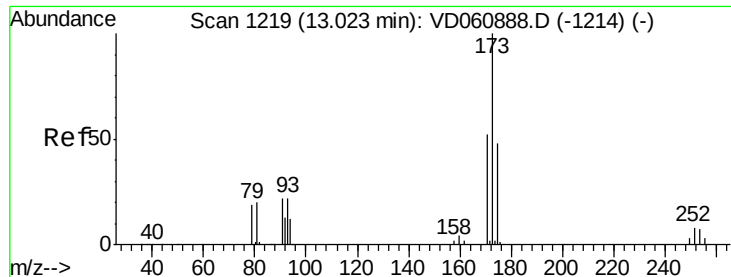
Tgt Ion:106 Resp: 1376445
Ion Ratio Lower Upper
106 100
91 227.4 113.7 341.1



#70
Styrene
Concen: 47.231 ug/l
RT: 12.87 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion:104 Resp: 2280101
Ion Ratio Lower Upper
104 100
78 43.4 34.7 52.1
103 45.8 36.6 55.0





#71

Bromoform

Concen: 46.580 ug/l

RT: 13.02 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

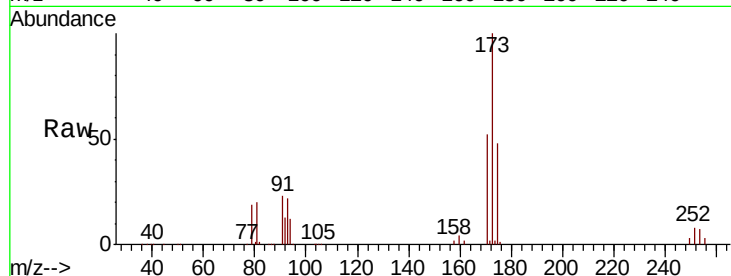
Tgt Ion:173 Resp: 728909

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

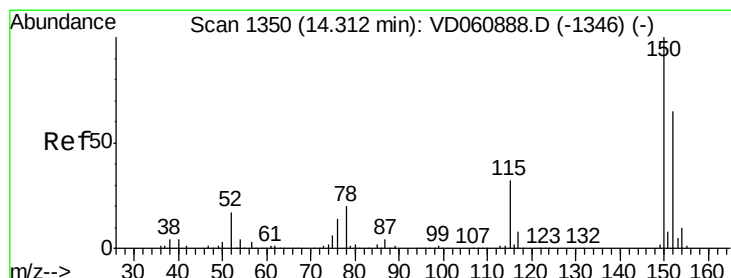
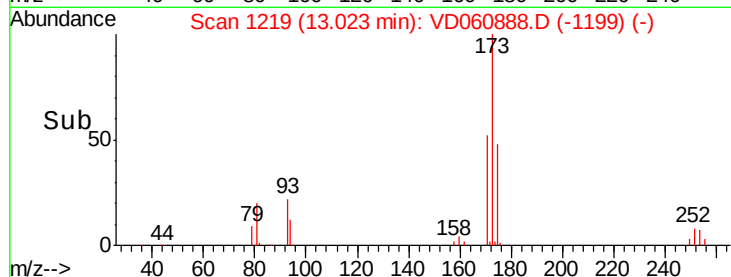
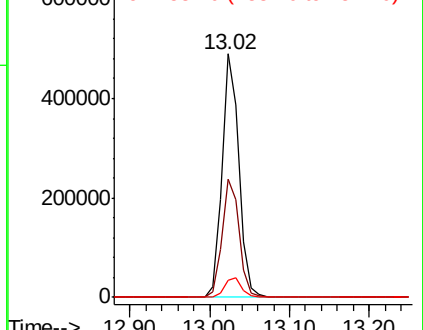
254 7.1 5.7 8.5



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: 14.31 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

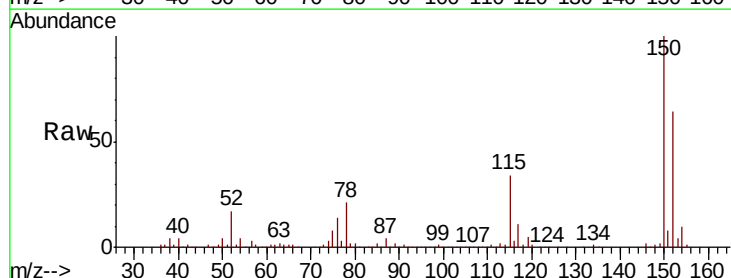
Tgt Ion:152 Resp: 1220768

Ion Ratio Lower Upper

152 100

115 52.6 26.3 78.9

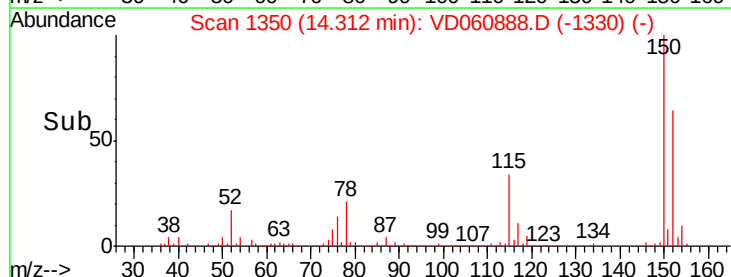
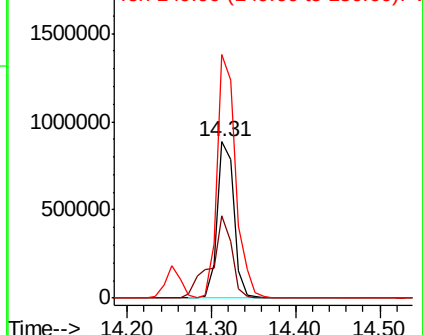
150 156.0 0.0 312.0

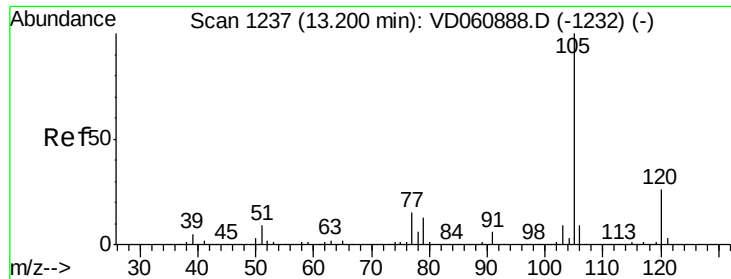


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 42.670 ug/l

RT: 13.20 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

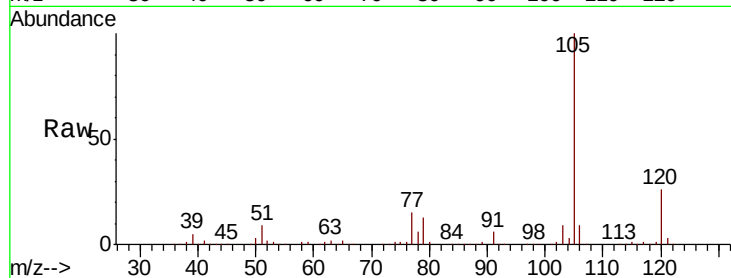
VSTDICCC050

Tgt Ion:105 Resp: 3800801

Ion Ratio Lower Upper

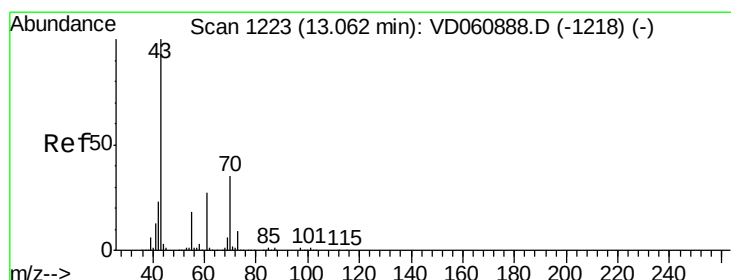
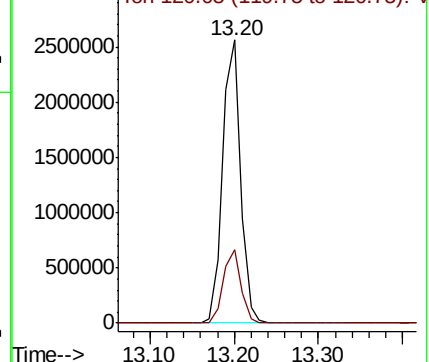
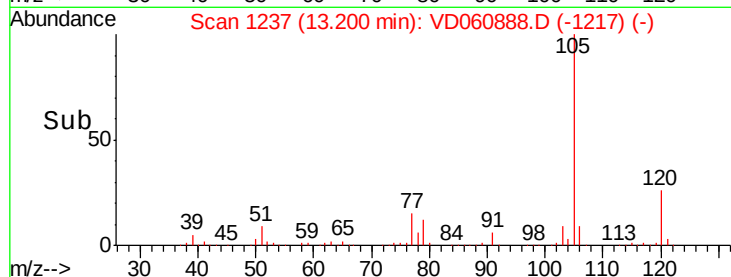
105 100

120 26.1 13.1 39.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-amyl acetate

Concen: 33.867 ug/l

RT: 13.06 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Tgt Ion: 43 Resp: 1095026

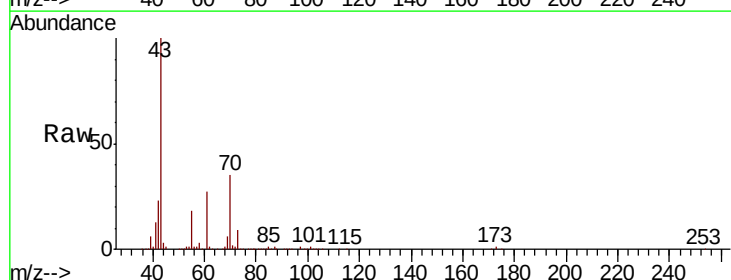
Ion Ratio Lower Upper

43 100

70 35.5 28.4 42.6

55 17.5 14.0 21.0

61 26.8 21.4 32.2

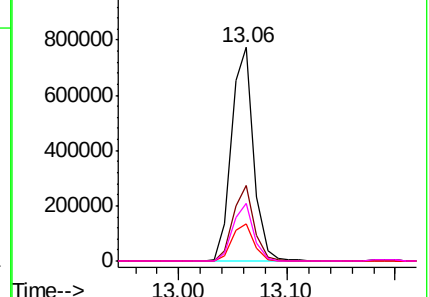
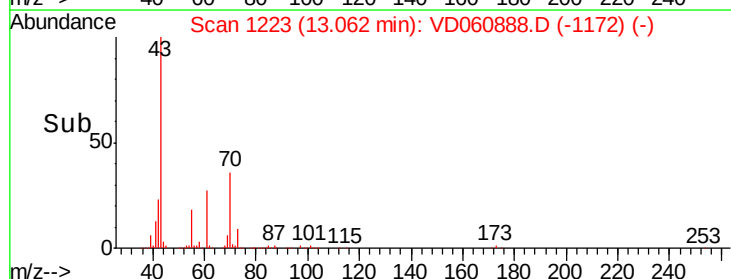


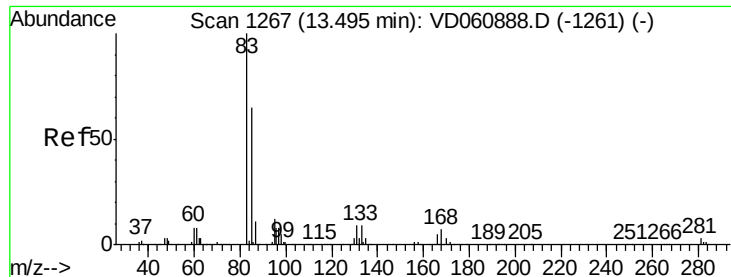
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 50.056 ug/l

RT: 13.50 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

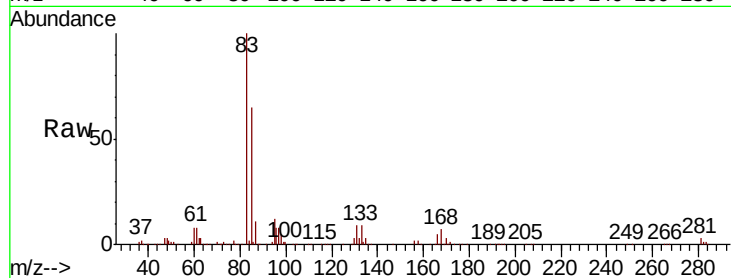
Tgt Ion: 83 Resp: 883261

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.4

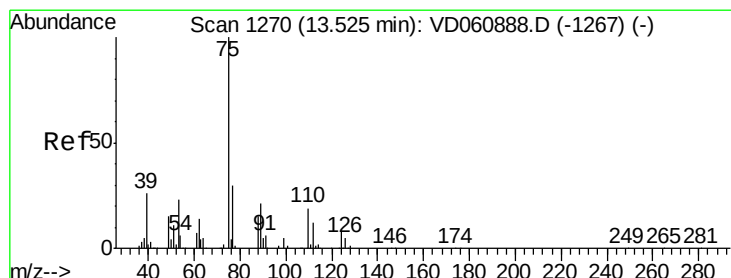
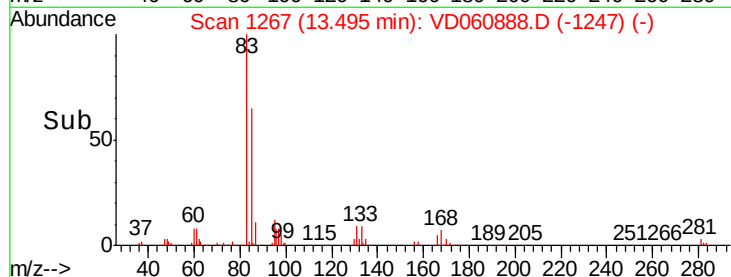
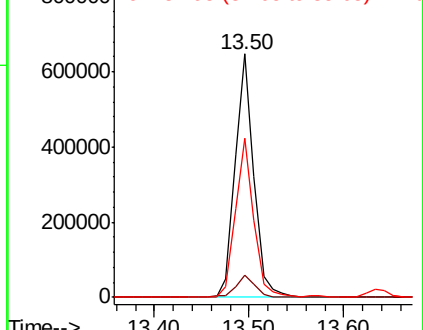
85 65.4 32.7 98.1



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 45.782 ug/l

RT: 13.52 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD060888.D

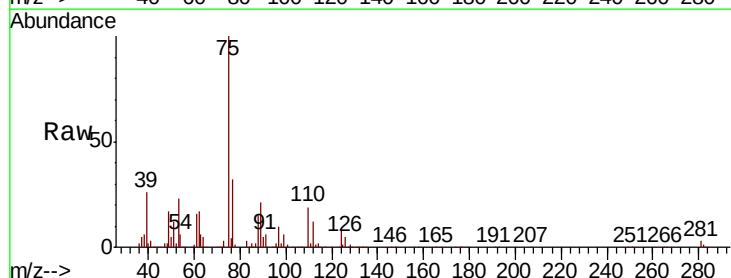
Acq: 21 Feb 2019 18:24

Tgt Ion: 75 Resp: 920324

Ion Ratio Lower Upper

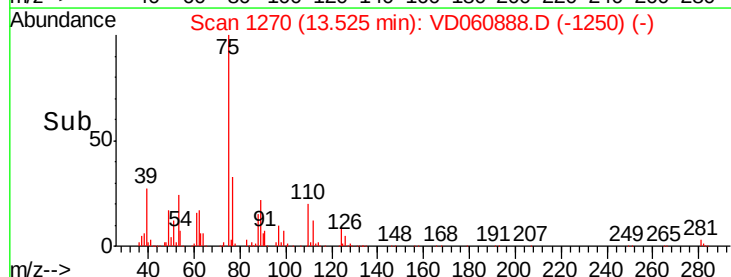
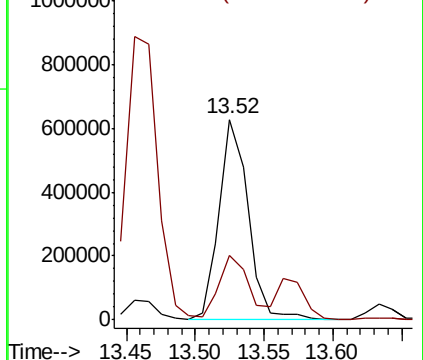
75 100

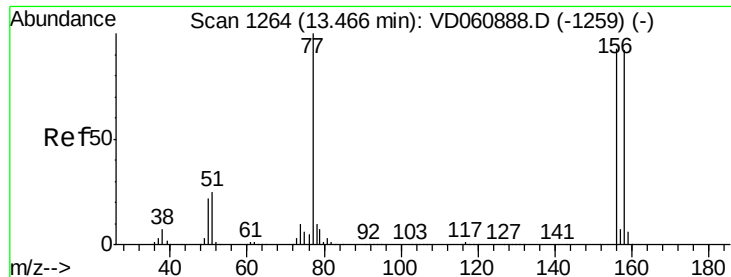
77 32.2 16.1 48.3



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 46.759 ug/l

RT: 13.47 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

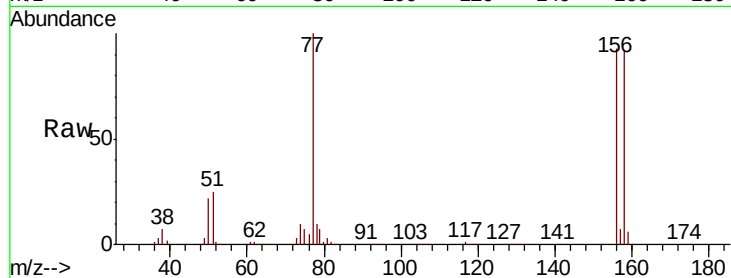
Tgt Ion:156 Resp: 1146979

Ion Ratio Lower Upper

156 100

77 107.6 53.8 161.4

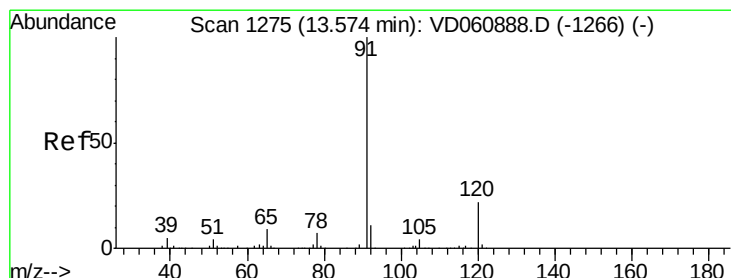
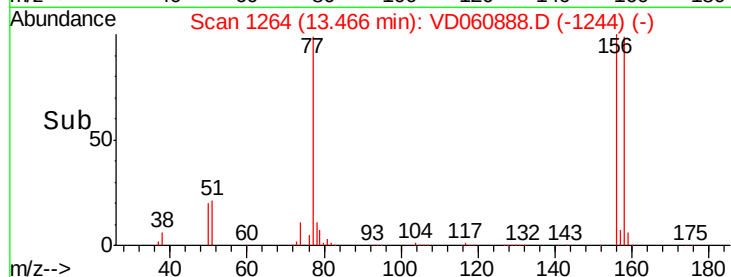
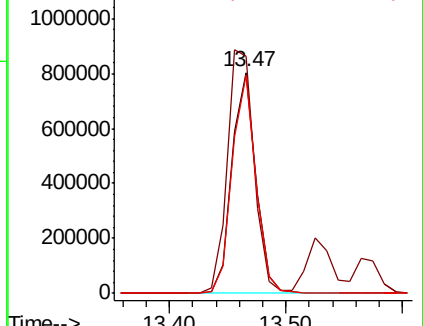
158 98.6 49.3 147.9



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: 42.905 ug/l

RT: 13.57 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VD060888.D

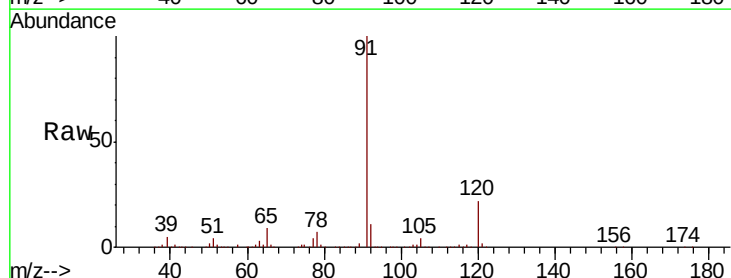
Acq: 21 Feb 2019 18:24

Tgt Ion: 91 Resp: 4971828

Ion Ratio Lower Upper

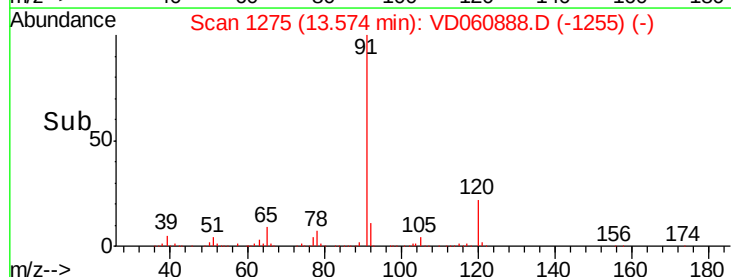
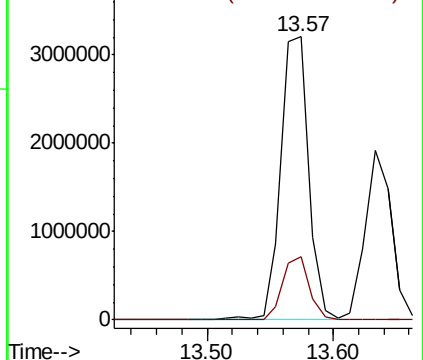
91 100

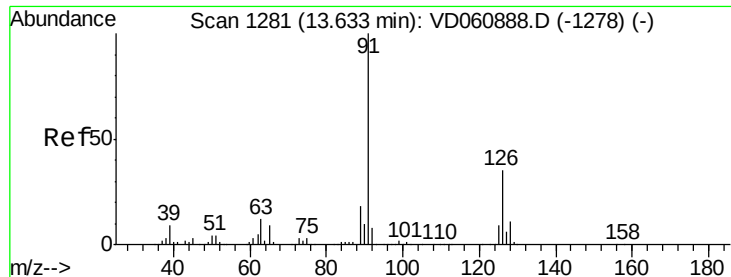
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 42.889 ug/l

RT: 13.63 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD060888.D

Acq: 21 Feb 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

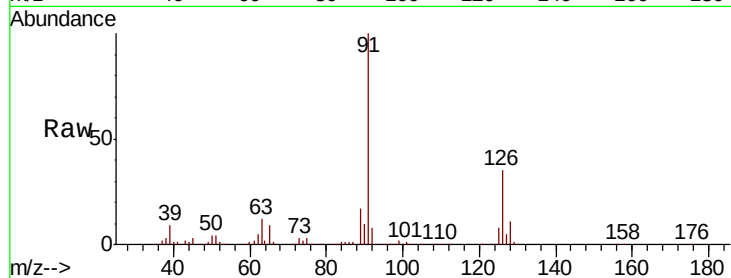
VSTDICCC050

Tgt Ion: 91 Resp: 2750217

Ion Ratio Lower Upper

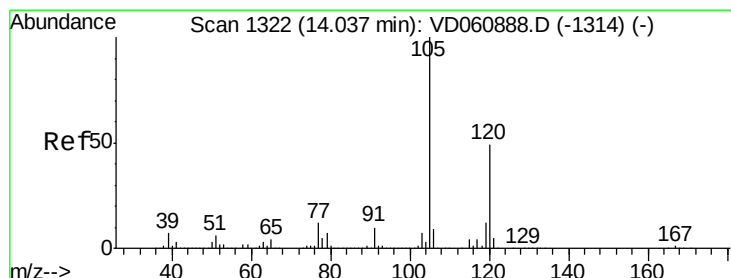
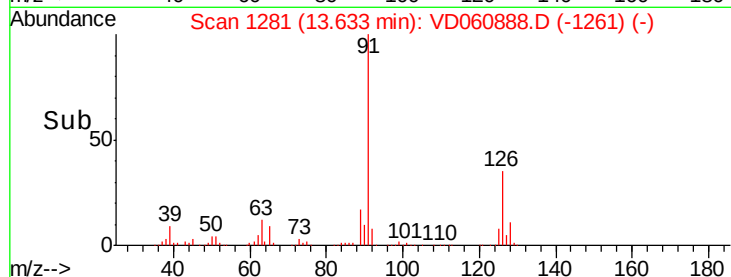
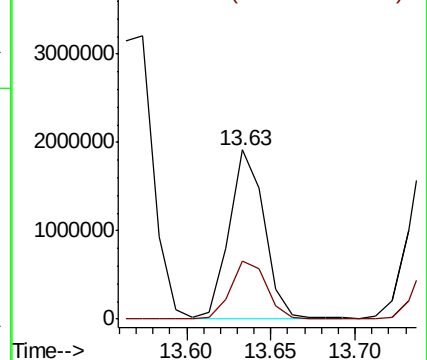
91 100

126 34.5 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 41.675 ug/l

RT: 14.04 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VD060888.D

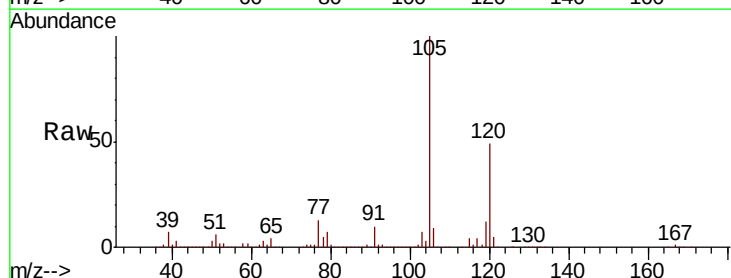
Acq: 21 Feb 2019 18:24

Tgt Ion: 105 Resp: 3078695

Ion Ratio Lower Upper

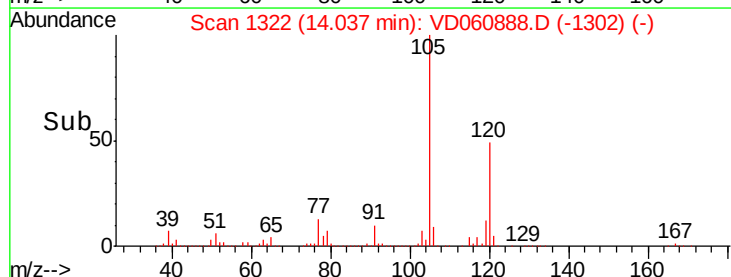
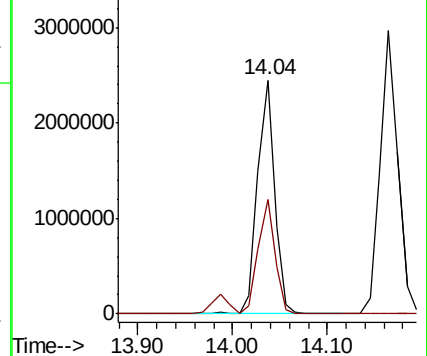
105 100

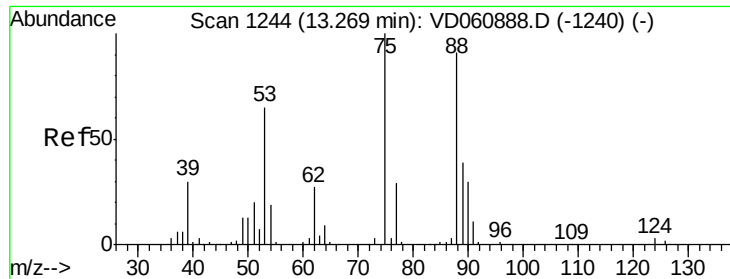
120 48.7 24.3 73.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

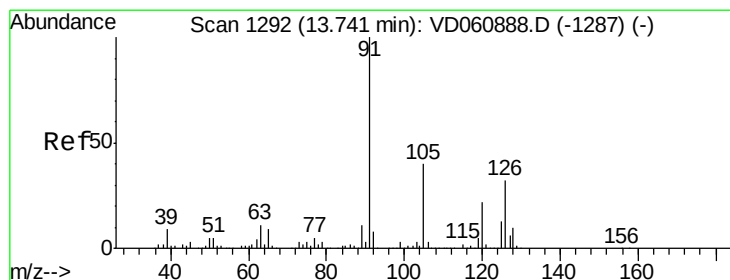
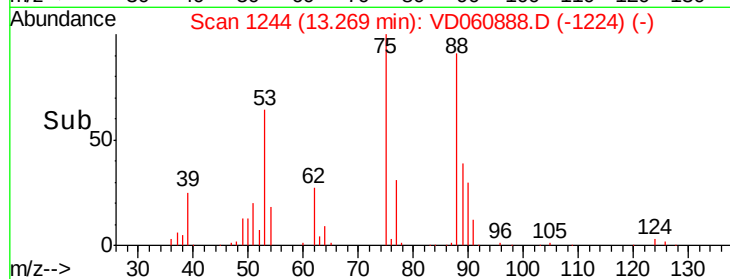
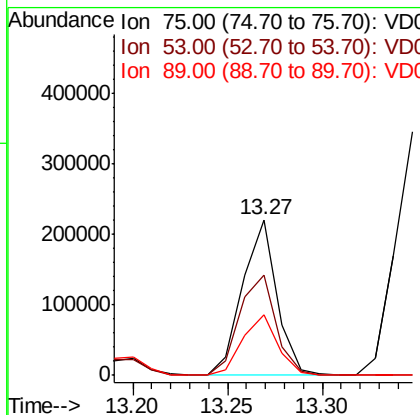
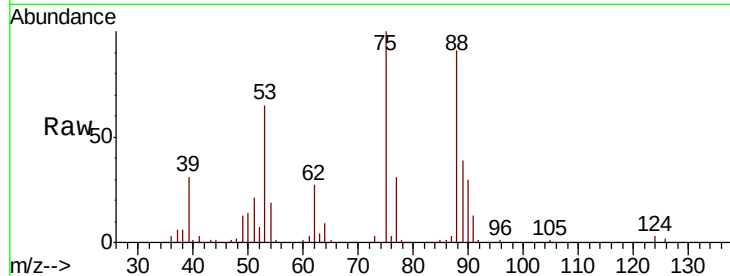




#81
trans-1,4-Dichloro-2-butene
Concen: 52.130 ug/l
RT: 13.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

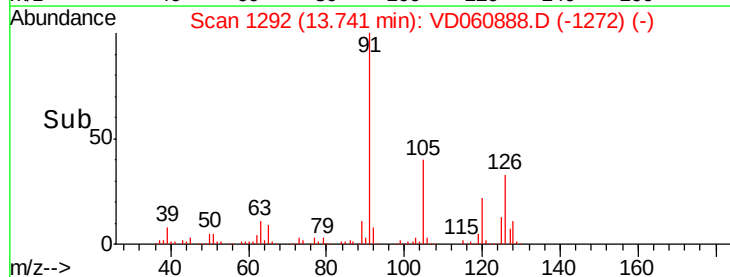
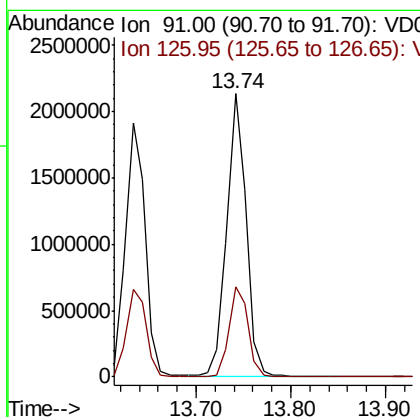
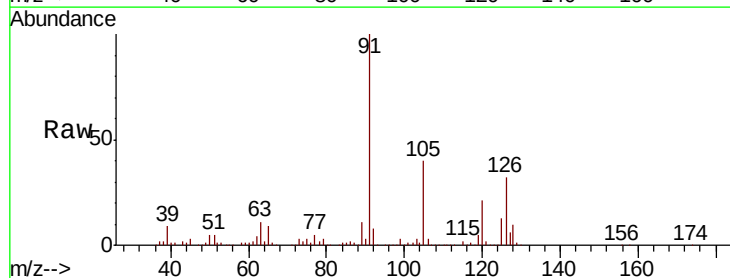
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

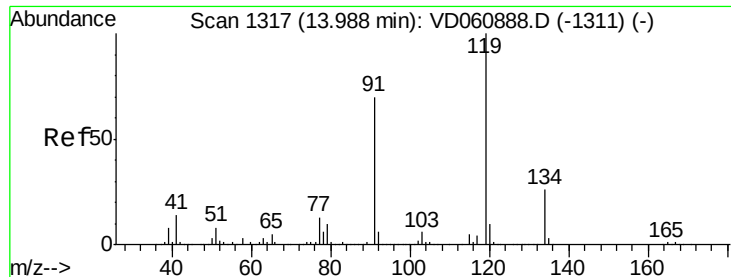
Tgt Ion: 75 Resp: 276687
Ion Ratio Lower Upper
75 100
53 64.7 51.8 77.6
89 38.7 31.0 46.4



#82
4-Chlorotoluene
Concen: 41.368 ug/l
RT: 13.74 min Scan# 1292
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion: 91 Resp: 3015001
Ion Ratio Lower Upper
91 100
126 32.0 16.0 48.0

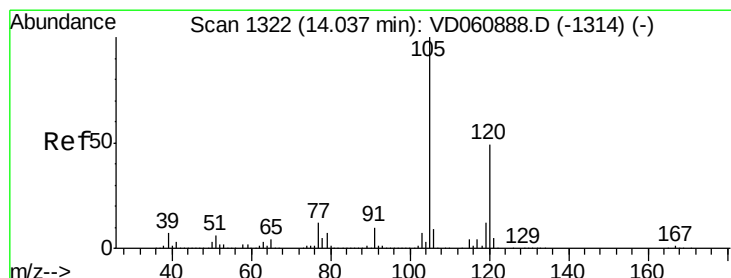
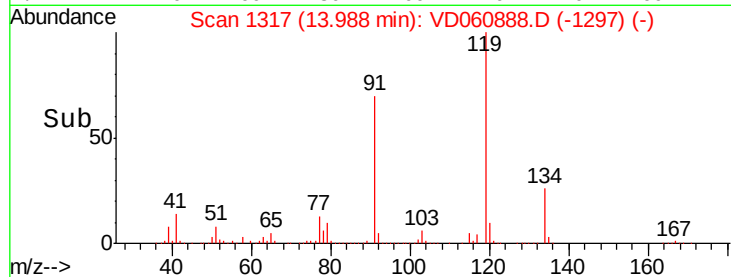
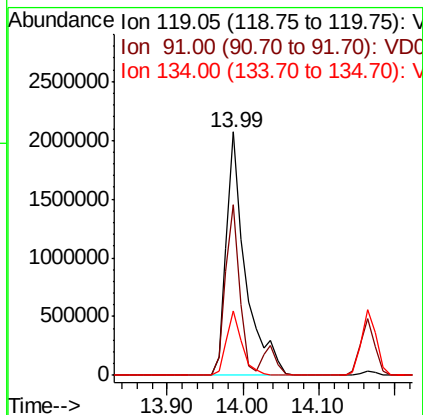
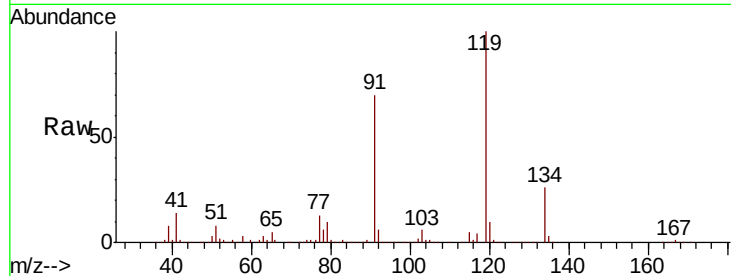




#83
 tert-Butylbenzene
 Concen: 44.336 ug/l
 RT: 13.99 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

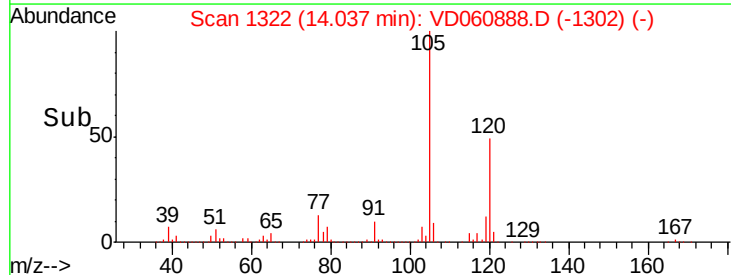
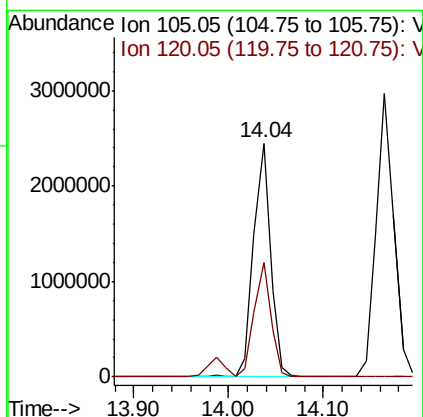
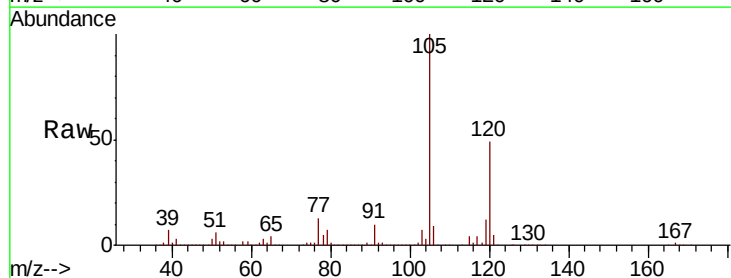
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

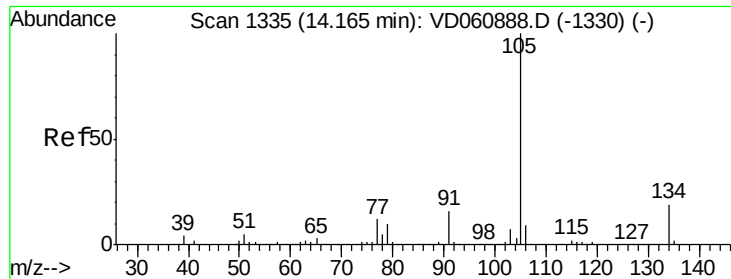
Tgt Ion:119 Resp: 3646575
 Ion Ratio Lower Upper
 119 100
 91 69.9 34.9 104.8
 134 26.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 41.675 ug/l
 RT: 14.04 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

Tgt Ion:105 Resp: 3078695
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 73.0

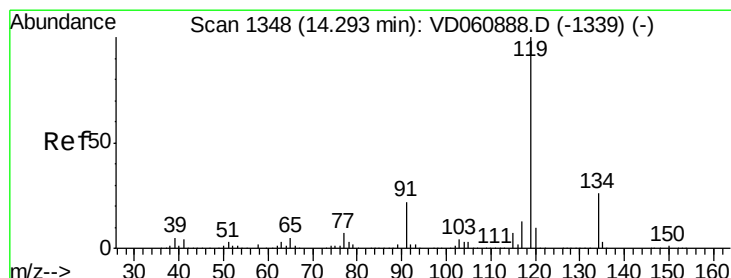
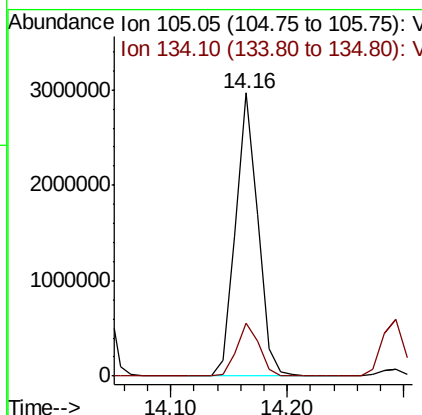
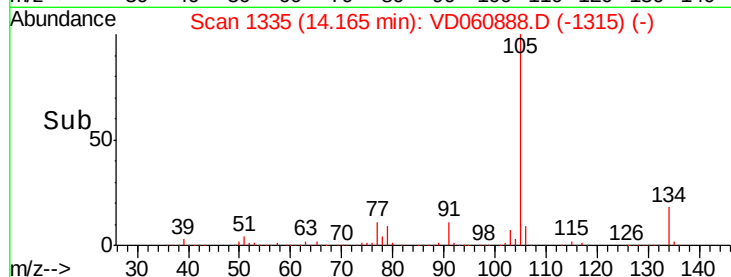
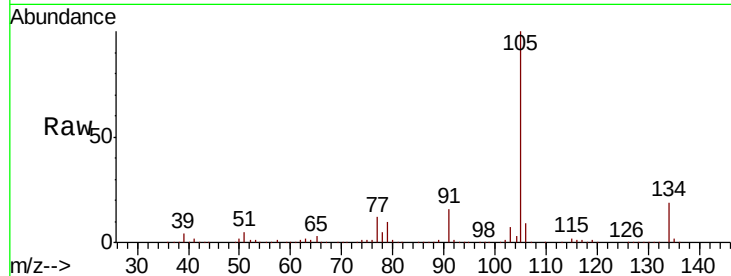




#85
 sec-Butylbenzene
 Concen: 43.464 ug/l
 RT: 14.16 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

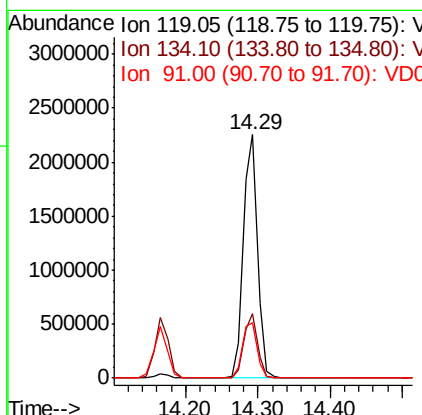
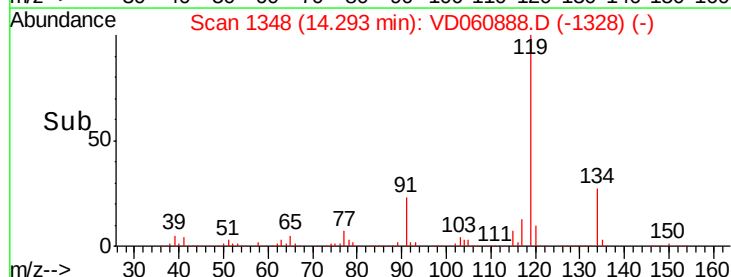
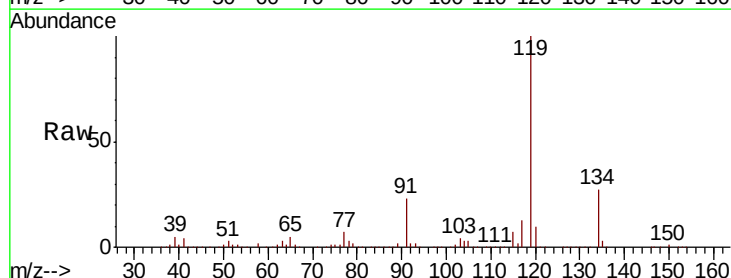
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

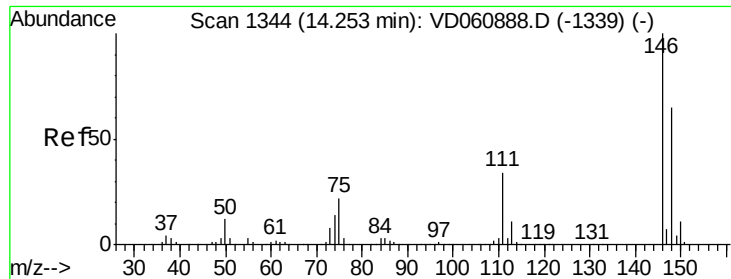
Tgt Ion:105 Resp: 3914016
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 40.917 ug/l
 RT: 14.29 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

Tgt Ion:119 Resp: 3090793
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.6 11.3 33.9

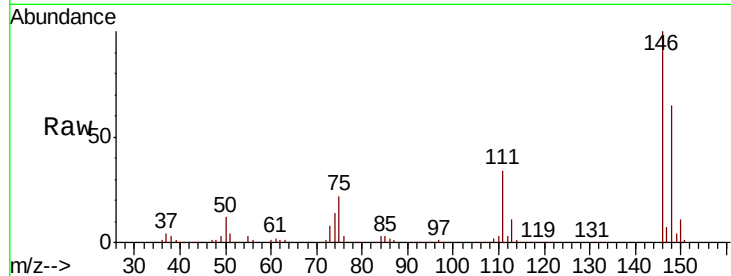




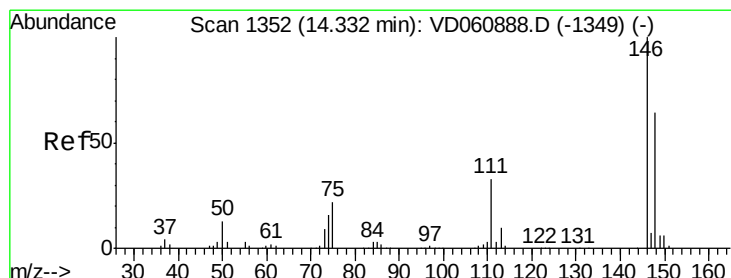
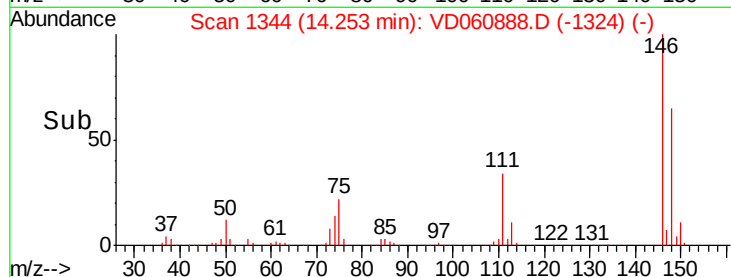
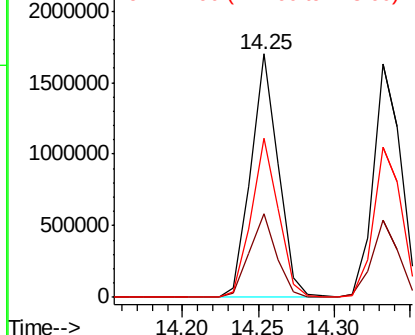
#87
 1,3-Dichlorobenzene
 Concen: 50.824 ug/l
 RT: 14.25 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 2152959
 Ion Ratio Lower Upper
 146 100
 111 34.5 17.3 51.7
 148 65.3 32.6 98.0

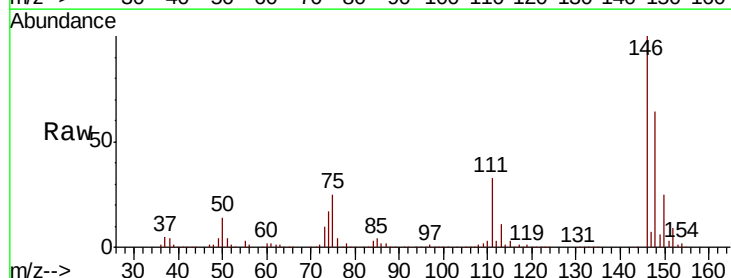


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

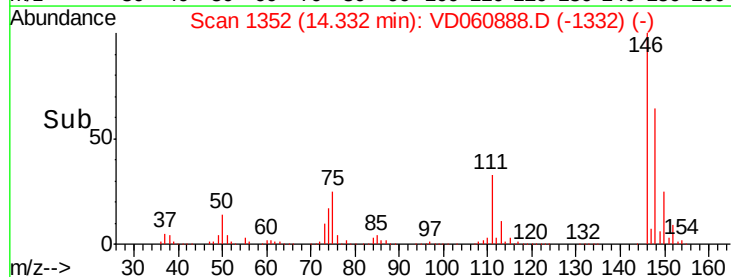
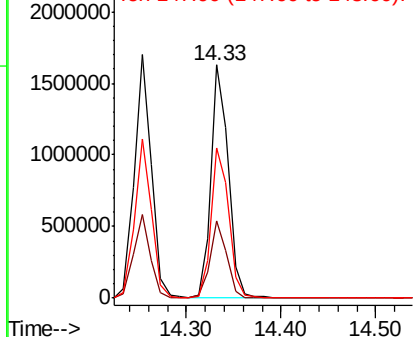


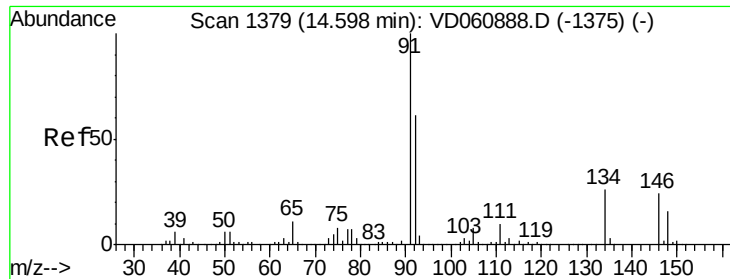
#88
 1,4-Dichlorobenzene
 Concen: 48.856 ug/l
 RT: 14.33 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

Tgt Ion:146 Resp: 2083518
 Ion Ratio Lower Upper
 146 100
 111 33.0 16.5 49.5
 148 64.2 32.1 96.3



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

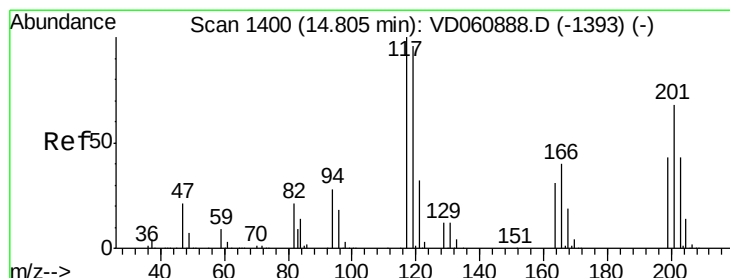
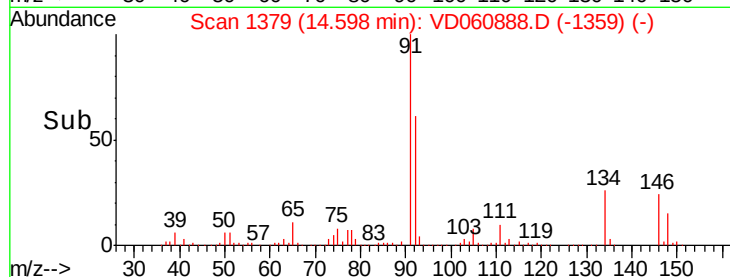
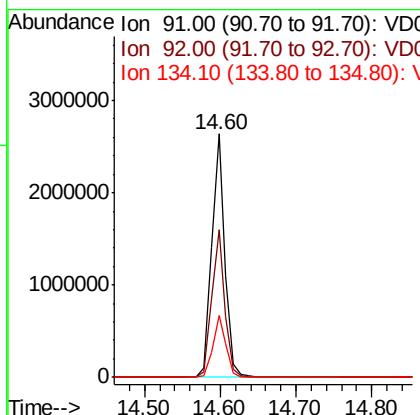
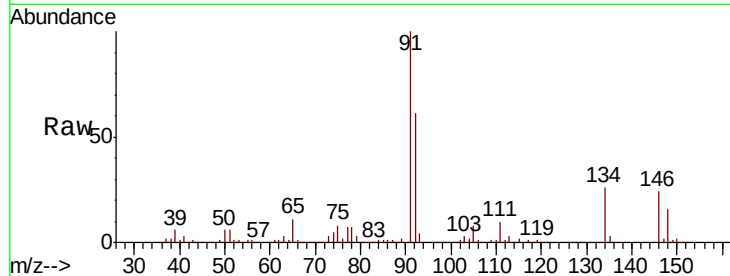




#89
n-Butylbenzene
Concen: 41.910 ug/l
RT: 14.60 min Scan# 1379
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

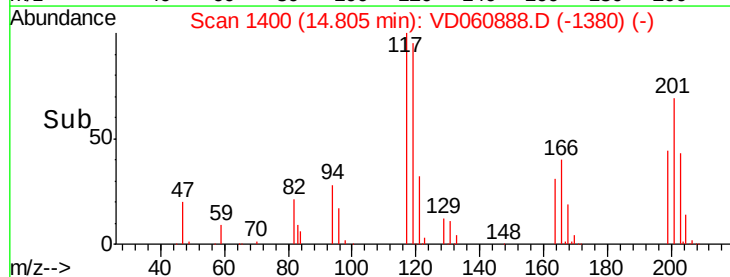
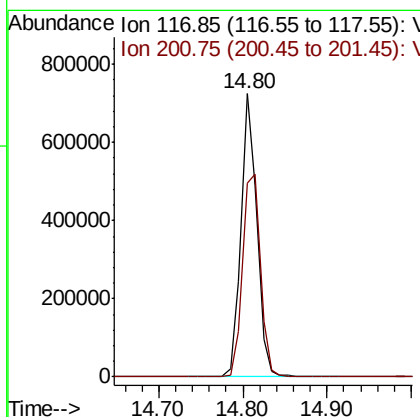
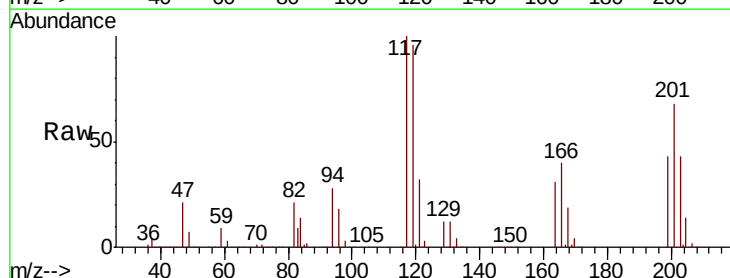
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

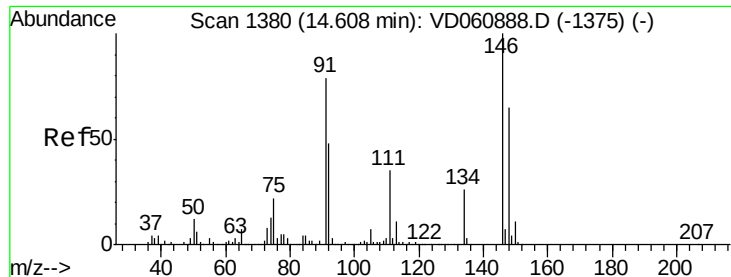
Tgt Ion: 91 Resp: 3233613
Ion Ratio Lower Upper
91 100
92 60.5 30.3 90.8
134 25.5 12.8 38.3



#90
Hexachloroethane
Concen: 46.647 ug/l
RT: 14.80 min Scan# 1400
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion: 117 Resp: 948923
Ion Ratio Lower Upper
117 100
201 68.4 34.2 102.6

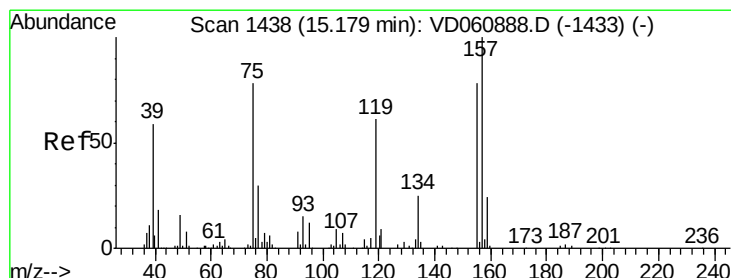
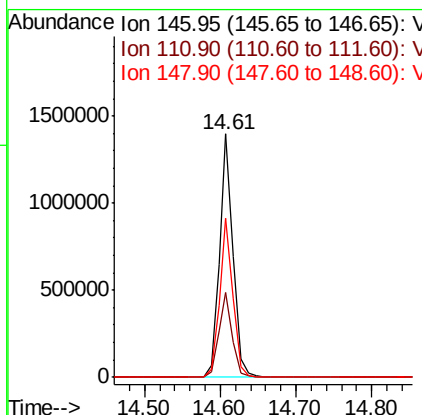
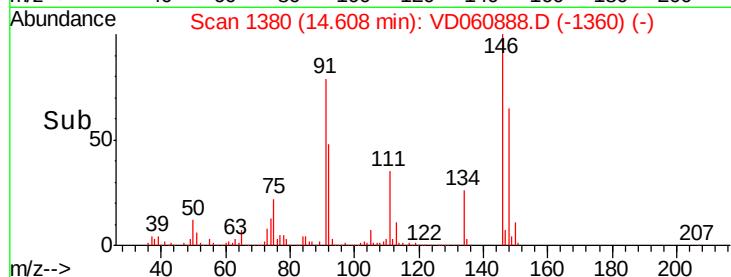
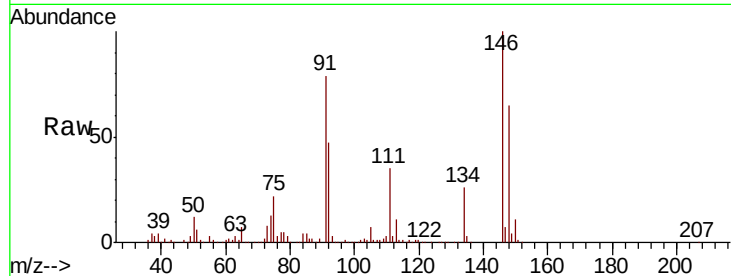




#91
 1,2-Dichlorobenzene
 Concen: 48.037 ug/l
 RT: 14.61 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

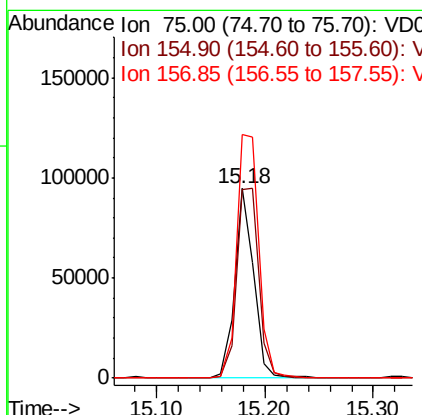
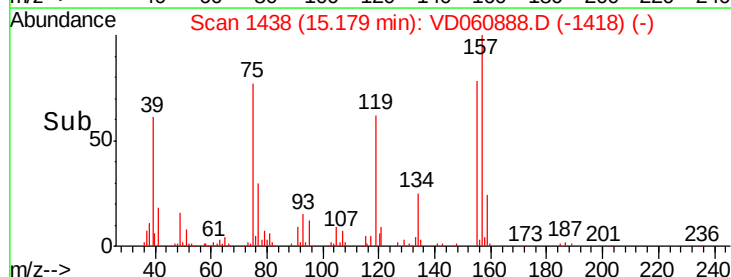
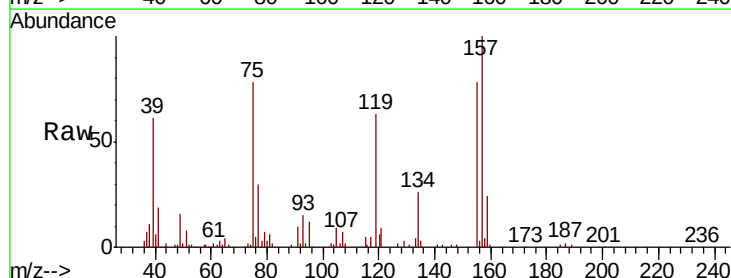
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

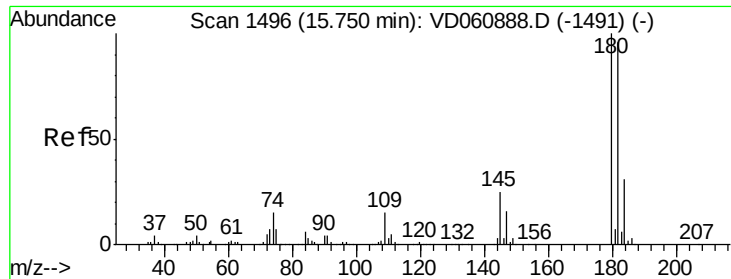
Tgt Ion:146 Resp: 1738268
 Ion Ratio Lower Upper
 146 100
 111 34.8 17.4 52.2
 148 65.1 32.6 97.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.056 ug/l
 RT: 15.18 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

Tgt Ion: 75 Resp: 115788
 Ion Ratio Lower Upper
 75 100
 155 99.7 49.9 149.6
 157 128.6 64.3 192.9

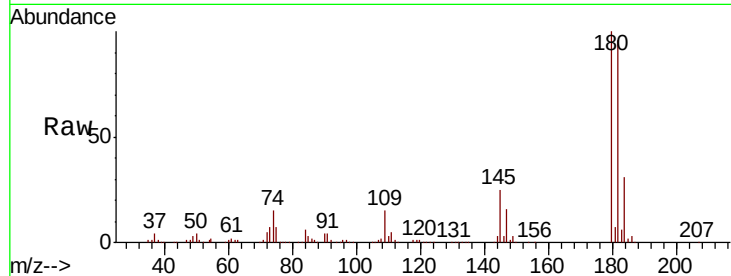




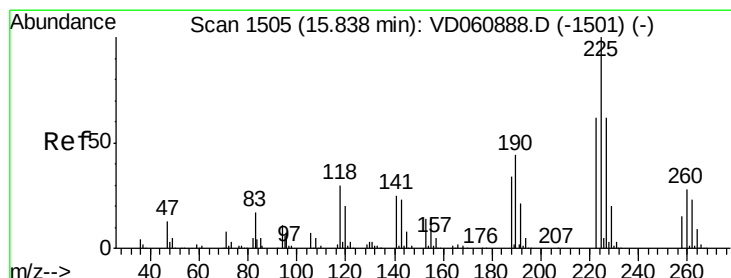
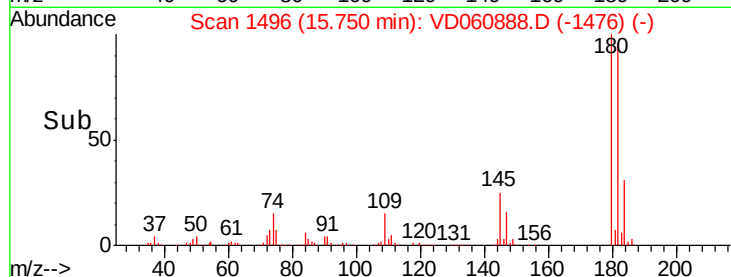
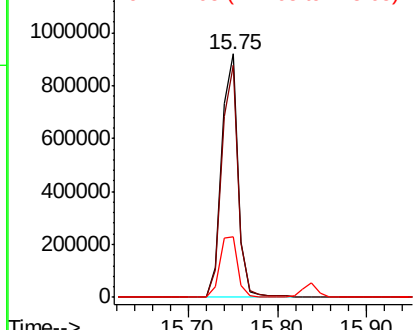
#93
 1,2,4-Trichlorobenzene
 Concen: 40.304 ug/l
 RT: 15.75 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 1207671
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.3
 145 24.9 12.4 37.4

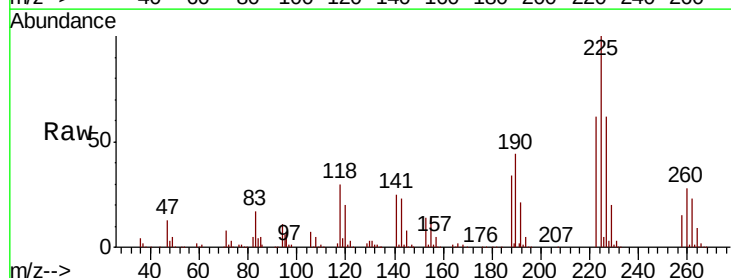


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

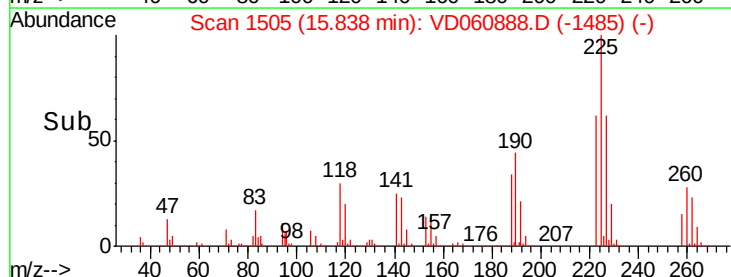
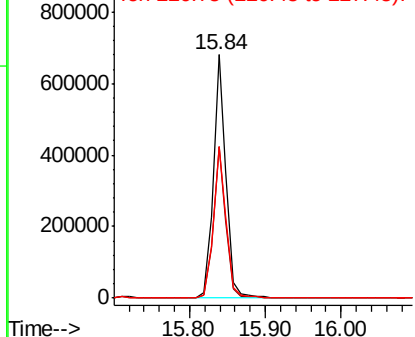


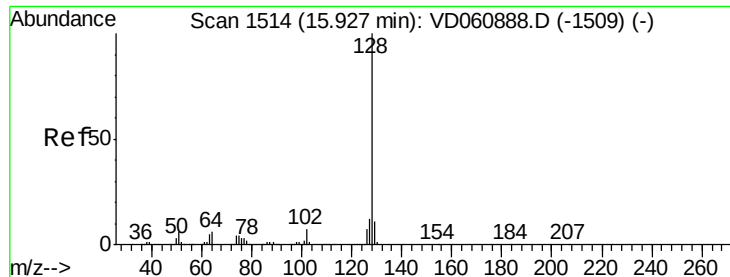
#94
 Hexachlorobutadiene
 Concen: 30.943 ug/l
 RT: 15.84 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: VD060888.D
 Acq: 21 Feb 2019 18:24

Tgt Ion:225 Resp: 802876
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 62.4 31.2 93.6



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

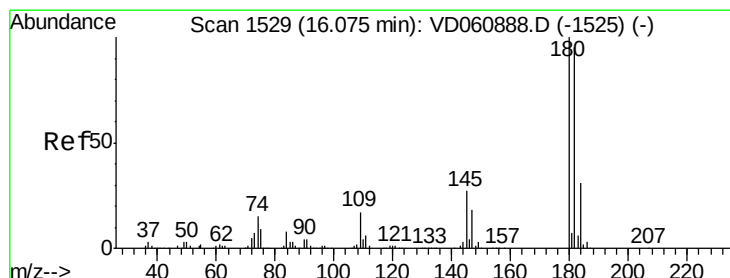
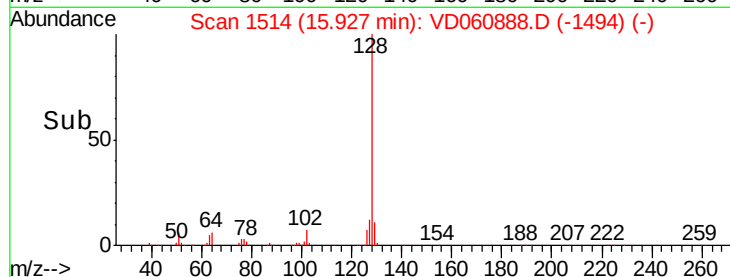
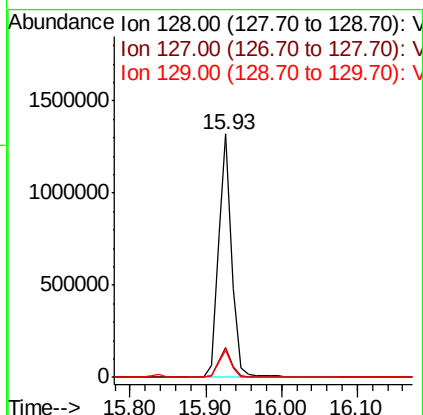
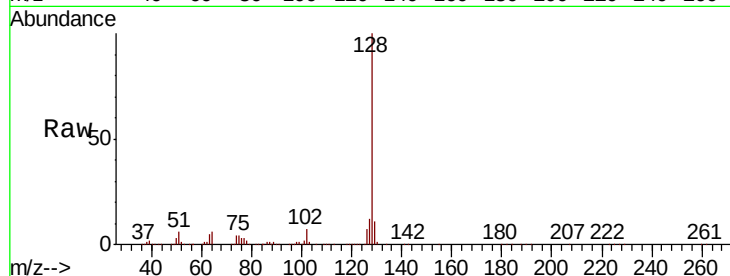




#95
Naphthalene
Concen: 40.987 ug/l
RT: 15.93 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1638201
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.6
129 11.2 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 32.947 ug/l
RT: 16.07 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VD060888.D
Acq: 21 Feb 2019 18:24

Tgt Ion:180 Resp: 797887
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 26.9 13.5 40.4

