

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040920\
 Data File : VD065607.D
 Acq On : 09 Apr 2020 11:07
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 10 01:14:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	453411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	665963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	638625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	329205	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	41990	9.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.58%	
35) Dibromofluoromethane	7.92	113	42525	9.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.28%	
50) Toluene-d8	10.34	98	155628	9.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.32%	
62) 4-Bromofluorobenzene	12.64	95	48895	8.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.92%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.99	85	38962	9.529	ug/l	97
3) Chloromethane	2.21	50	51942	10.216	ug/l	99
4) Vinyl Chloride	2.35	62	46934	9.873	ug/l	100
5) Bromomethane	2.77	94	34122	10.178	ug/l	91
6) Chloroethane	2.92	64	29440	10.056	ug/l	99
7) Trichlorofluoromethane	3.27	101	72373	10.038	ug/l	89
8) Diethyl Ether	3.71	74	14568	9.779	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	46533	9.873	ug/l	97
10) Methyl Iodide	4.29	142	38290	8.256	ug/l	96
11) Tert butyl alcohol	5.24	59	9482	43.413	ug/l	95
12) 1,1-Dichloroethene	4.06	96	42754	9.835	ug/l	98
13) Acrolein	3.92	56	15632	52.022	ug/l	97
14) Allyl chloride	4.71	41	61274	9.502	ug/l	99
15) Acrylonitrile	5.44	53	43155	49.125	ug/l	99
16) Acetone	4.16	43	39644	51.197	ug/l	99
17) Carbon Disulfide	4.40	76	142997	9.886	ug/l	99
18) Methyl Acetate	4.72	43	22338	9.828	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	77295	9.198	ug/l	99
20) Methylene Chloride	4.96	84	52011	10.161	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	47314	9.590	ug/l	90
22) Diisopropyl ether	6.37	45	116615	9.408	ug/l	90
23) Vinyl Acetate	6.31	43	296546	46.560	ug/l	97
24) 1,1-Dichloroethane	6.26	63	80495	9.761	ug/l	97
25) 2-Butanone	7.22	43	51820	48.893	ug/l	91
26) 2,2-Dichloropropane	7.21	77	73801	10.000	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	49284	9.760	ug/l	99
28) Bromochloromethane	7.55	49	34514	10.428	ug/l	99
29) Tetrahydrofuran	7.57	42	31068	46.647	ug/l	96
30) Chloroform	7.71	83	86619	10.032	ug/l	99
31) Cyclohexane	7.99	56	73425	9.599	ug/l	# 92
32) 1,1,1-Trichloroethane	7.91	97	75663	9.696	ug/l	98
36) 1,1-Dichloropropene	8.11	75	64229	9.368	ug/l	99
37) Ethyl Acetate	7.30	43	22684	8.911	ug/l	97
38) Carbon Tetrachloride	8.10	117	70225	9.433	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	66395	8.554	ug/l	92
40) Benzene	8.36	78	183393	9.362	ug/l	99
41) Methacrylonitrile	7.53	41	12224	8.215	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	53646	9.804	ug/l	100
43) Isopropyl Acetate	8.46	43	42395	9.128	ug/l	96
44) Trichloroethene	9.12	130	53962	9.585	ug/l	99
45) 1,2-Dichloropropane	9.39	63	45083	9.451	ug/l	94
46) Dibromomethane	9.48	93	24836	9.687	ug/l	95
47) Bromodichloromethane	9.67	83	64852	9.646	ug/l	97
48) Methyl methacrylate	9.46	41	19339	8.977	ug/l	99
49) 1,4-Dioxane	9.47	88	5196	191.353	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	108736	45.429	ug/l	98
52) Toluene	10.41	92	114202	9.220	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	54161	9.076	ug/l	95
54) cis-1,3-Dichloropropene	10.10	75	69123	9.460	ug/l	95
55) 1,1,2-Trichloroethane	10.81	97	35792	9.948	ug/l	96
56) Ethyl methacrylate	10.67	69	31422	8.659	ug/l	96
57) 1,3-Dichloropropane	10.95	76	56335	9.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	85939	45.096	ug/l	100
59) 2-Hexanone	10.99	43	71586	45.002	ug/l	95
60) Dibromochloromethane	11.15	129	46775	9.761	ug/l	98
61) 1,2-Dibromoethane	11.25	107	33054	9.664	ug/l	99
64) Tetrachloroethene	10.88	164	47895	9.429	ug/l	99
65) Chlorobenzene	11.68	112	128567	9.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	48925	9.286	ug/l	98
67) Ethyl Benzene	11.75	91	199272	8.725	ug/l	99
68) m/p-Xylenes	11.86	106	160636	17.828	ug/l	99
69) o-Xylene	12.18	106	66898	8.616	ug/l	98
70) Styrene	12.20	104	118863	8.659	ug/l	99
71) Bromoform	12.37	173	28439	9.624	ug/l #	99
73) Isopropylbenzene	12.48	105	181026	8.630	ug/l	99
74) N-amyl acetate	12.30	43	37390	9.001	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	37860	9.819	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	45722	10.337	ug/l #	100
77) Bromobenzene	12.77	156	52717	9.167	ug/l	96
78) n-propylbenzene	12.83	91	225460	8.906	ug/l	99
79) 2-Chlorotoluene	12.91	91	132338	9.121	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	153276	8.670	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	10041	8.809	ug/l	91
82) 4-Chlorotoluene	13.01	91	143591	9.195	ug/l	100
83) tert-Butylbenzene	13.23	119	121060	8.189	ug/l	94
84) 1,2,4-Trimethylbenzene	13.28	105	154304	8.783	ug/l	99
85) sec-Butylbenzene	13.41	105	185408	8.814	ug/l	99
86) p-Isopropyltoluene	13.53	119	166787	8.592	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	104542	9.427	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	105300	9.507	ug/l	97
89) n-Butylbenzene	13.86	91	149711	8.546	ug/l	98
90) Hexachloroethane	14.12	117	39169	9.250	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	89879	9.527	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	5677	9.545	ug/l	96

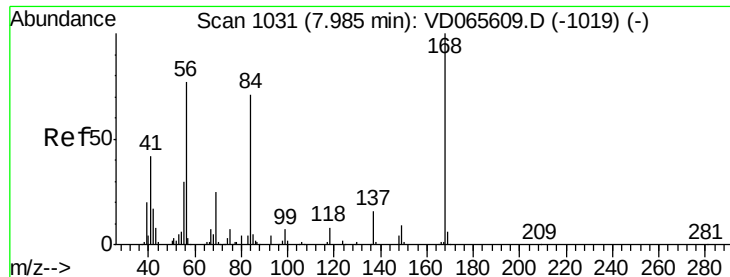
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	54736	8.833	ug/l	98
94) Hexachlorobutadiene	15.28	225	40469	9.395	ug/l	99
95) Naphthalene	15.41	128	70869	7.893	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	46835	8.731	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

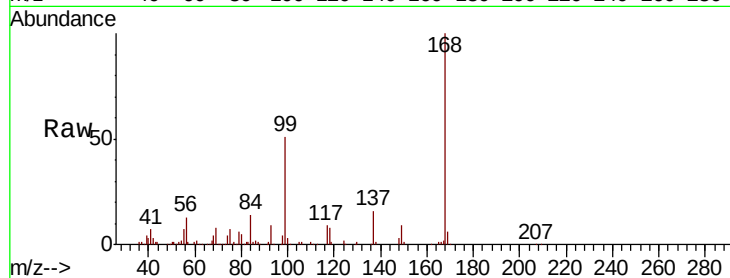
ClientSampleId :

Tot Ion:168 Resp: 453411

Ion Ratio Lower Upper

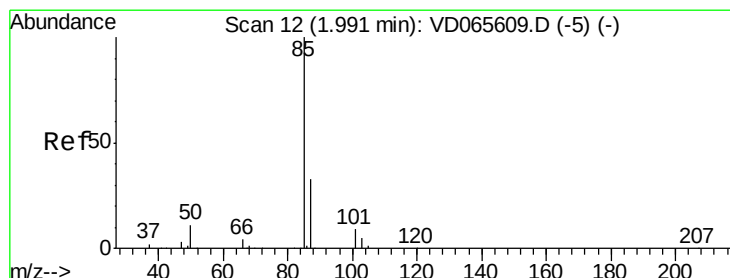
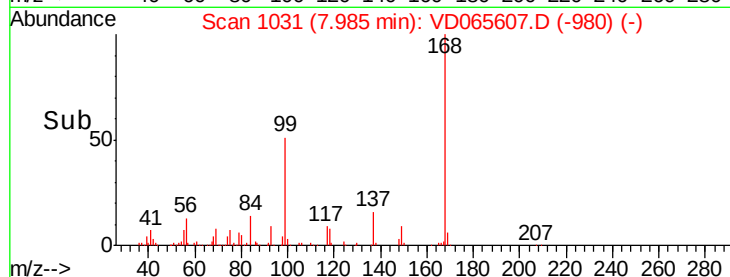
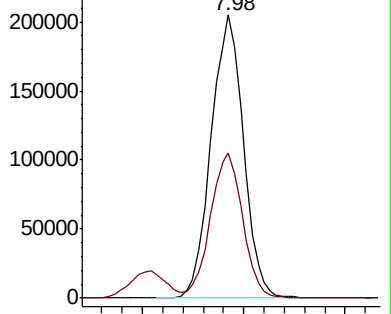
168 100

99 51.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 9.529 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065607.D

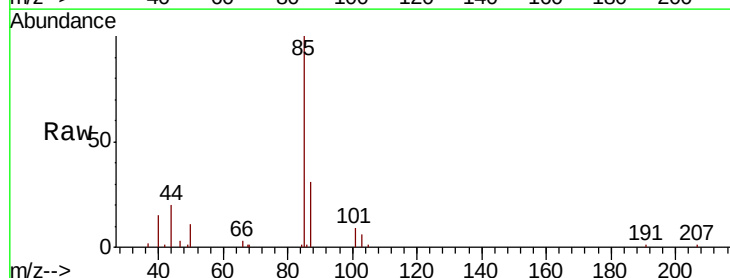
Acq: 09 Apr 2020 11:07

Tgt Ion: 85 Resp: 38962

Ion Ratio Lower Upper

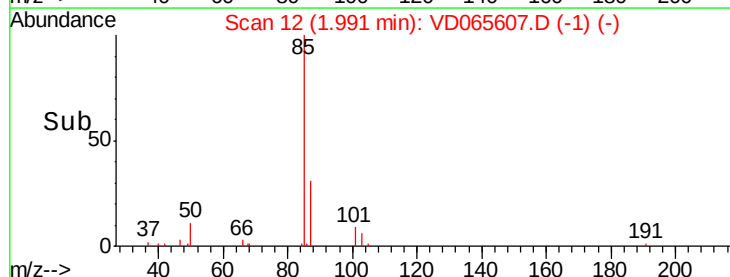
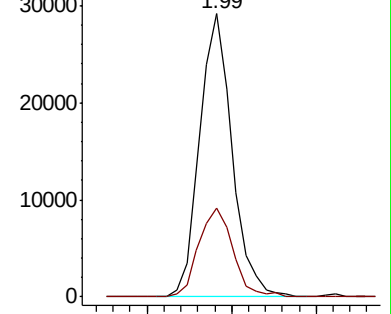
85 100

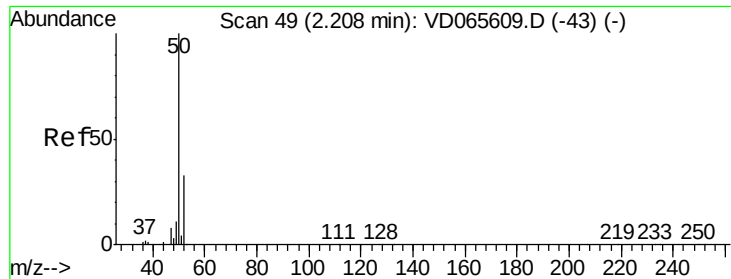
87 31.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 10.216 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

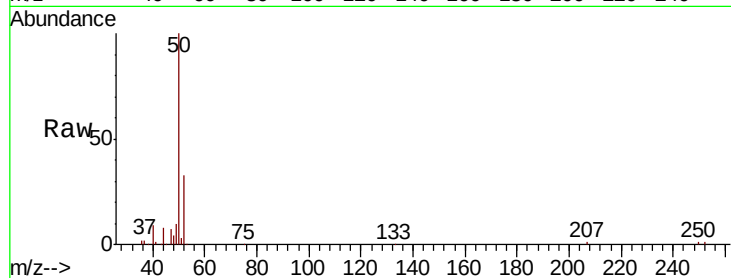
ClientSampleId :

Tot Ion: 50 Resp: 51942

Ion Ratio Lower Upper

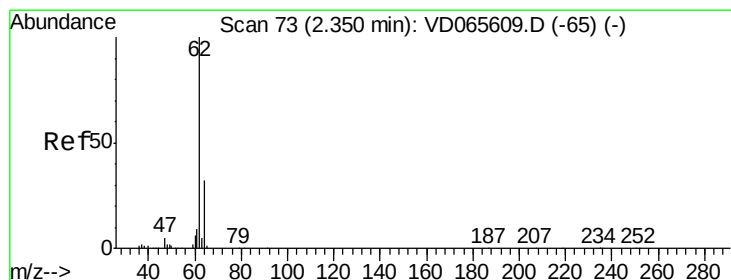
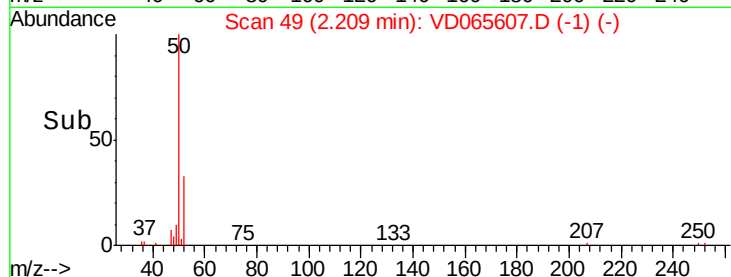
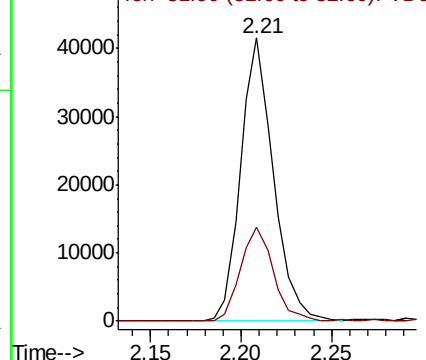
50 100

52 33.1 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 9.873 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065607.D

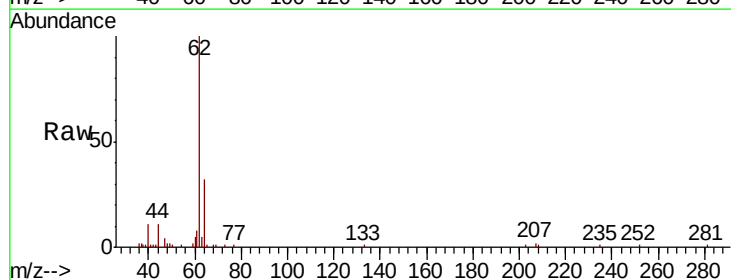
Acq: 09 Apr 2020 11:07

Tgt Ion: 62 Resp: 46934

Ion Ratio Lower Upper

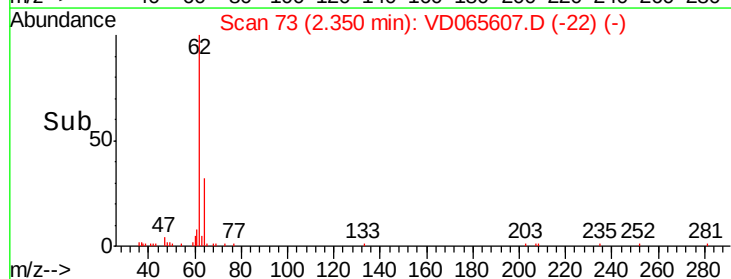
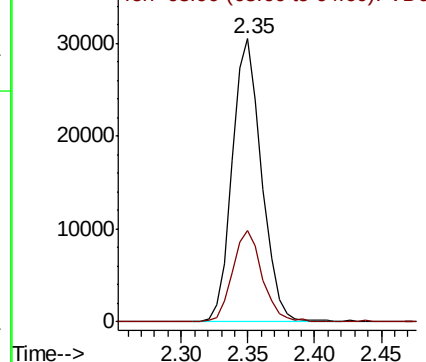
62 100

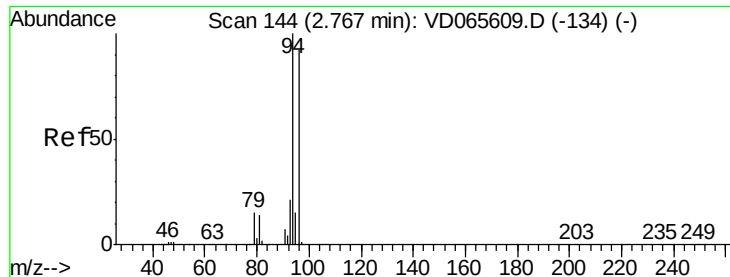
64 32.4 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 10.178 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

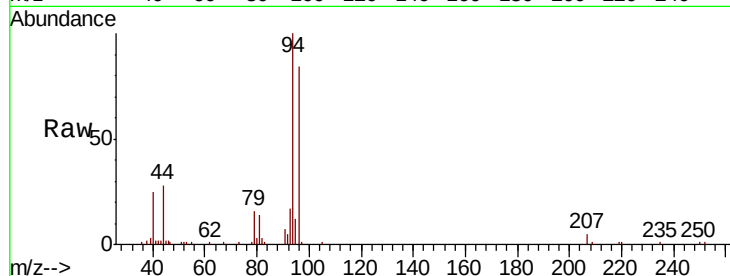
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 94 Resp: 34122

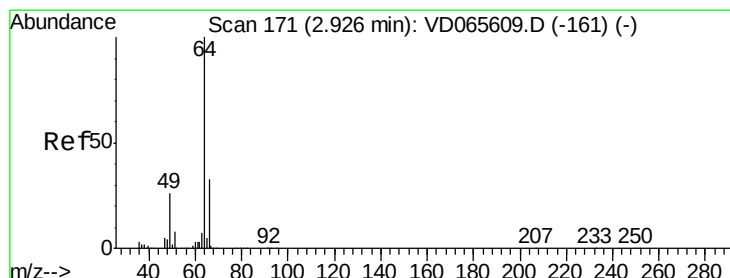
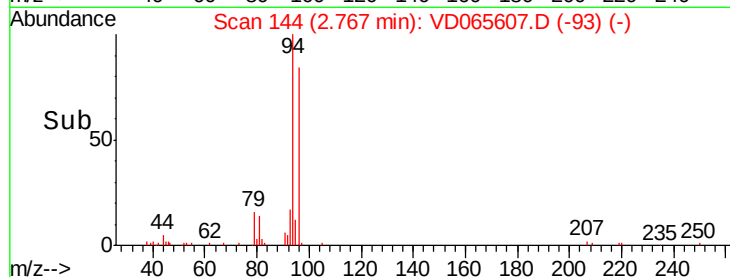
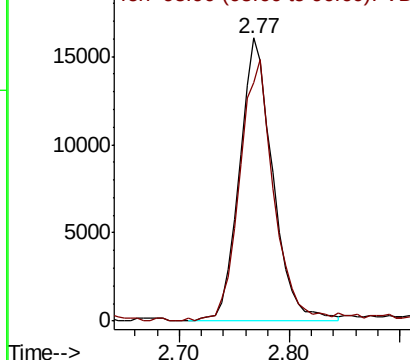
Ion Ratio Lower Upper

94 100

96 83.1 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 10.056 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065607.D

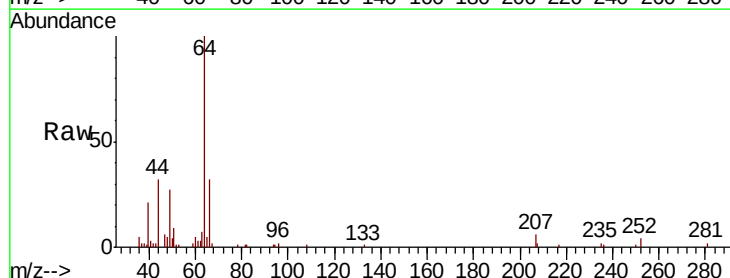
Acq: 09 Apr 2020 11:07

Tgt Ion: 64 Resp: 29440

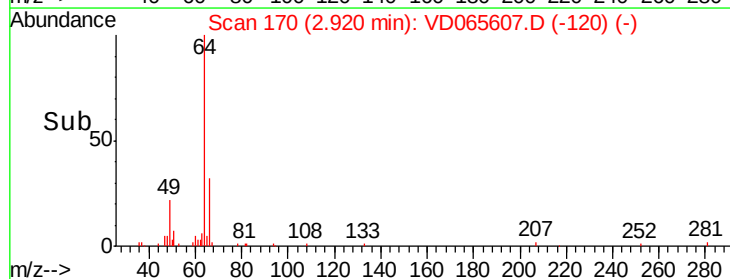
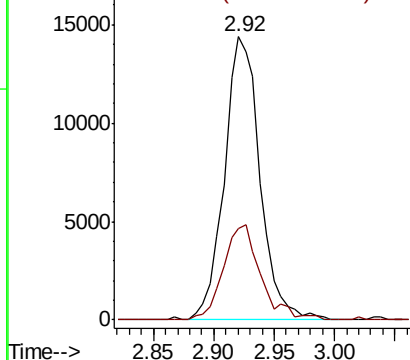
Ion Ratio Lower Upper

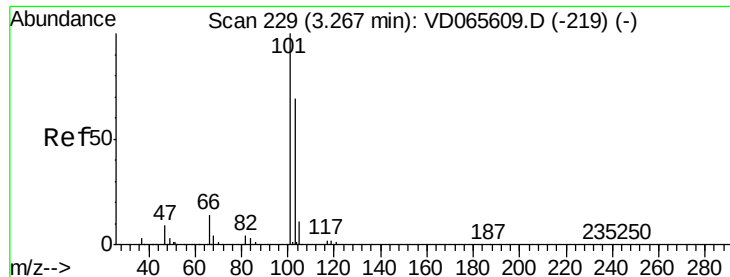
64 100

66 32.1 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



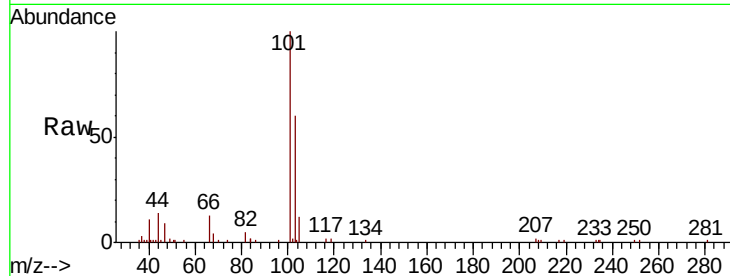


#7

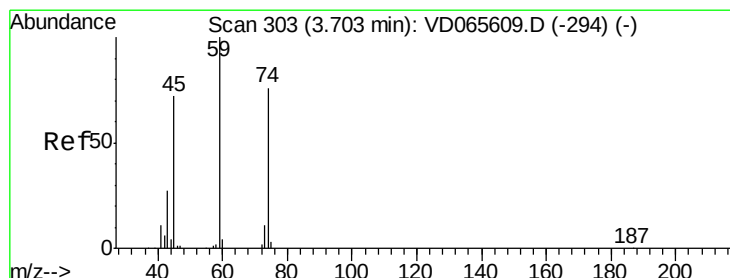
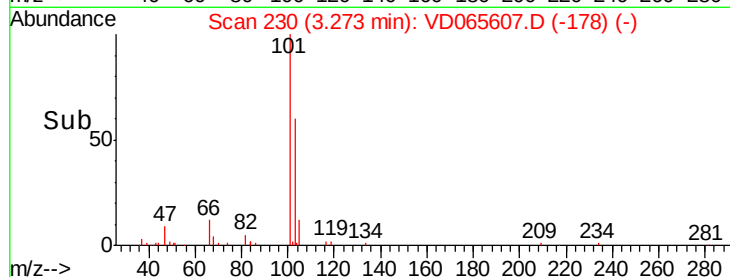
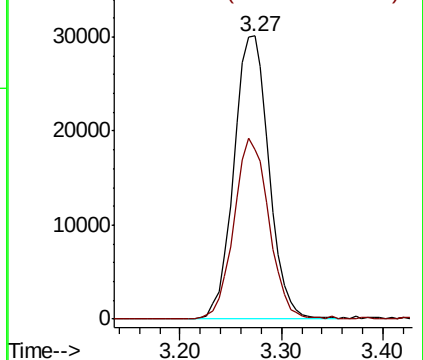
Trichlorofluoromethane
 Concen: 10.038 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:101 Resp: 72373
 Ion Ratio Lower Upper
 101 100
 103 60.0 55.0 82.4



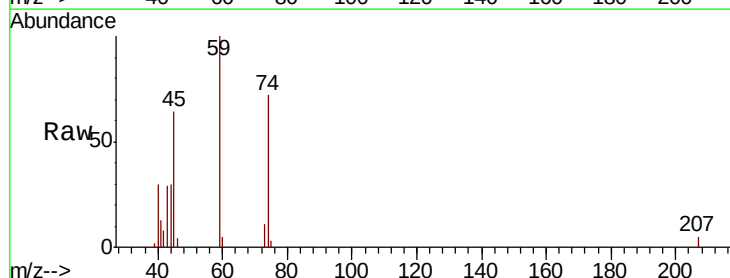
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



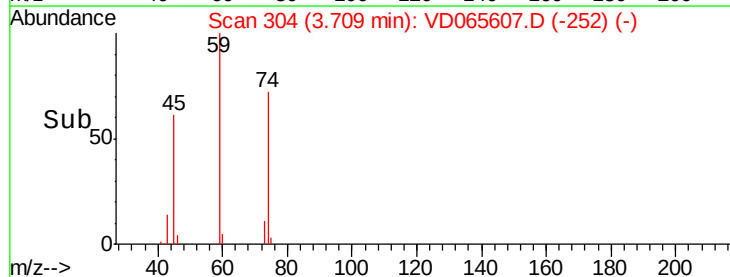
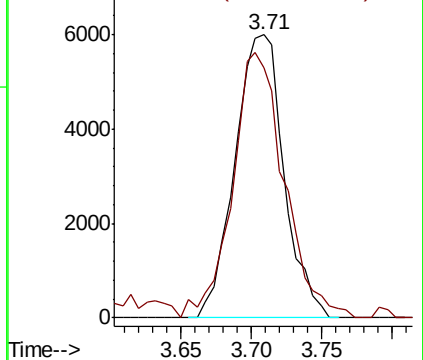
#8

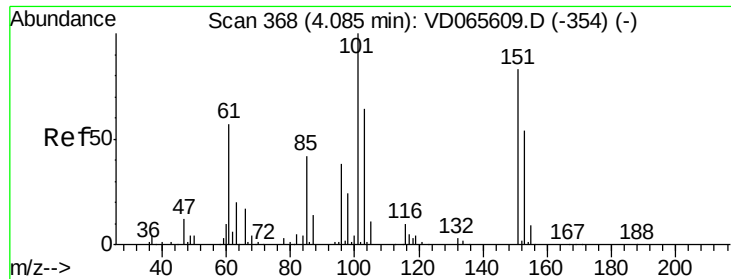
Diethyl Ether
 Concen: 9.779 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

Tgt Ion: 74 Resp: 14568
 Ion Ratio Lower Upper
 74 100
 45 99.2 47.8 143.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.873 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

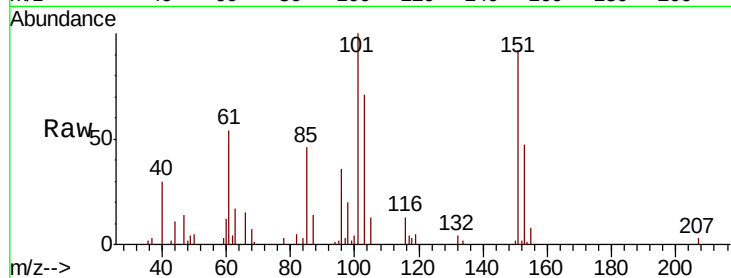
Tot Ion:101 Resp: 46533

Ion Ratio Lower Upper

101 100

85 43.5 33.8 50.6

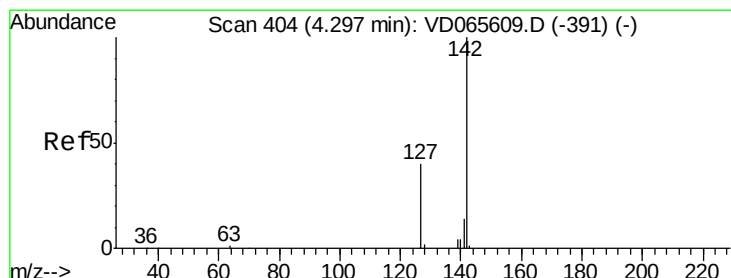
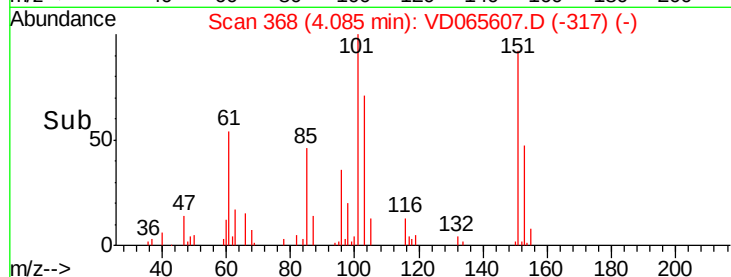
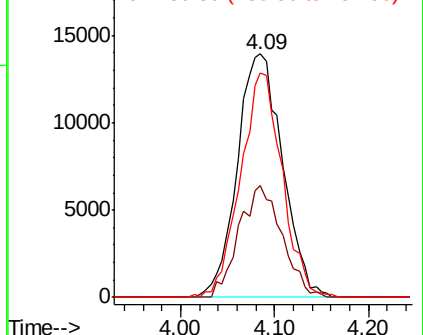
151 84.8 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 8.256 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

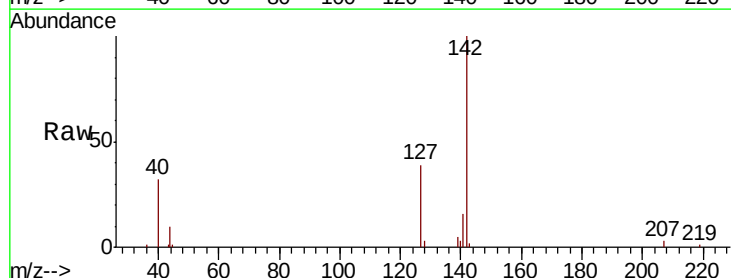
Tgt Ion:142 Resp: 38290

Ion Ratio Lower Upper

142 100

127 46.1 34.6 51.8

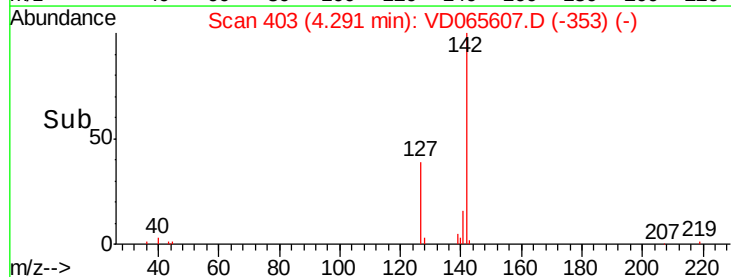
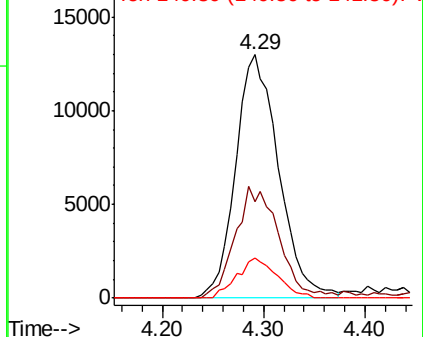
141 15.4 11.7 17.5

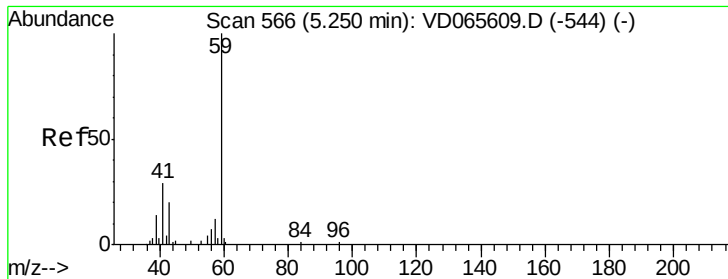


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



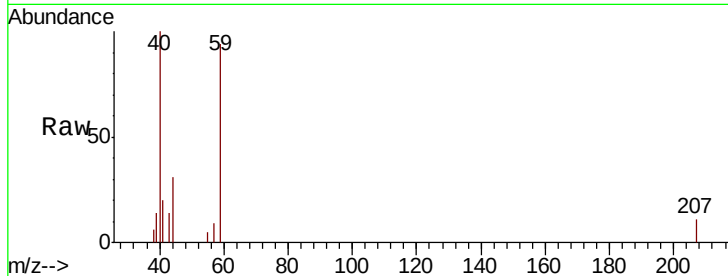


#11

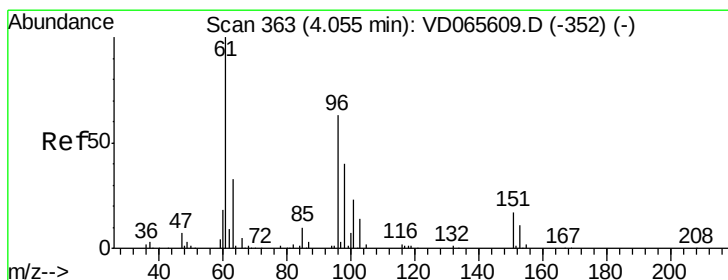
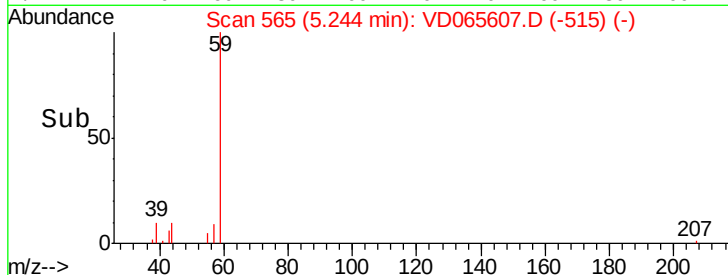
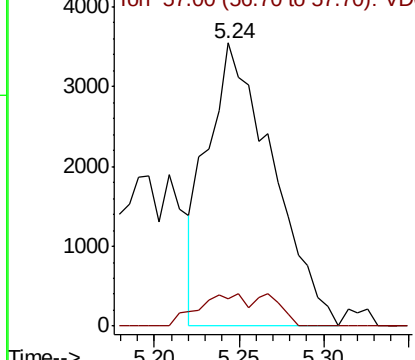
Tert butyl alcohol
Concen: 43.413 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 59 Resp: 9482
Ion Ratio Lower Upper
59 100
57 8.3 8.1 12.1



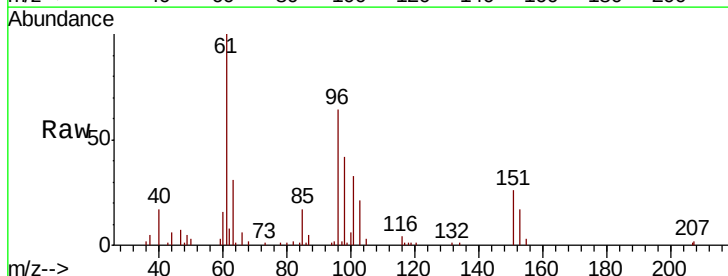
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



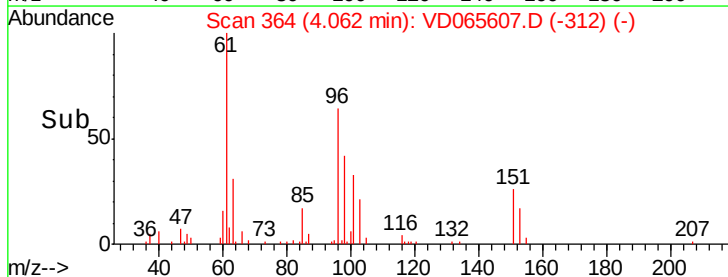
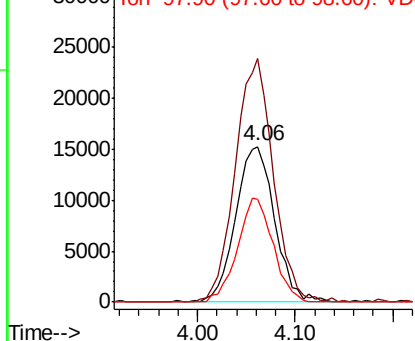
#12

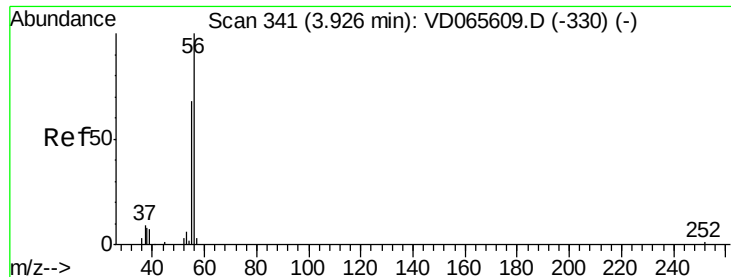
1,1-Dichloroethene
Concen: 9.835 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion: 96 Resp: 42754
Ion Ratio Lower Upper
96 100
61 156.1 126.6 190.0
98 65.8 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 52.022 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

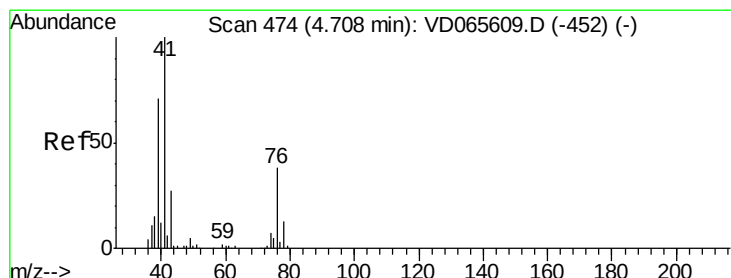
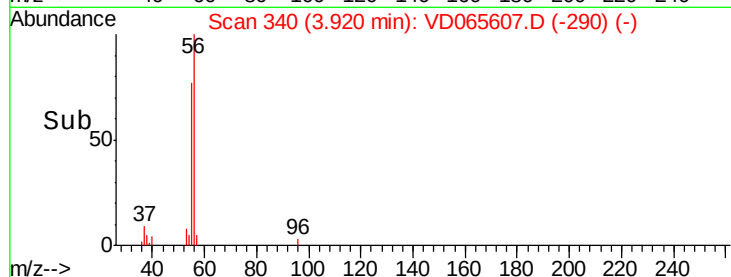
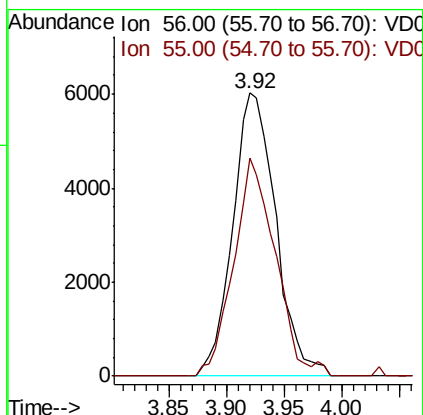
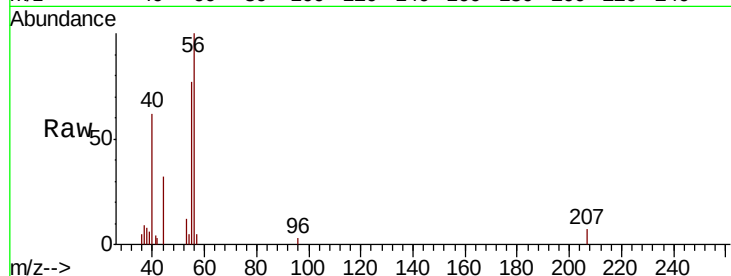
ClientSampleId :

Tot Ion: 56 Resp: 15632

Ion Ratio Lower Upper

56 100

55 74.7 57.9 86.9



#14

Allyl chloride

Concen: 9.502 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

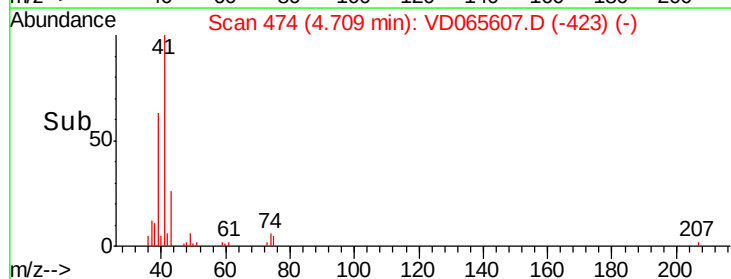
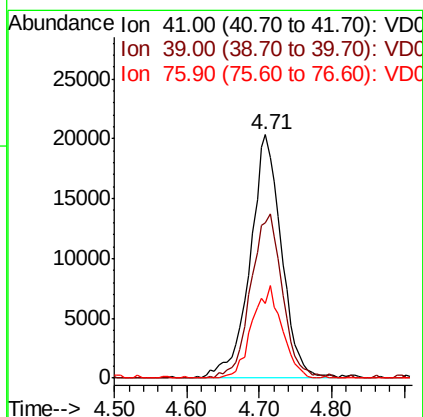
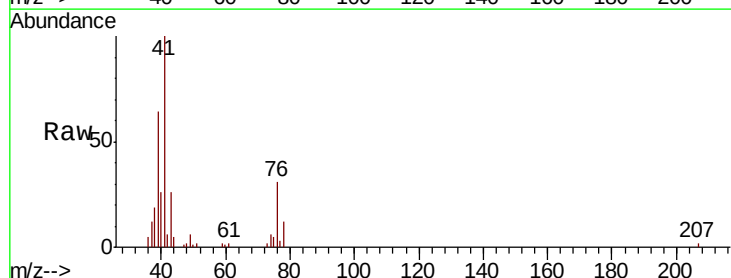
Tgt Ion: 41 Resp: 61274

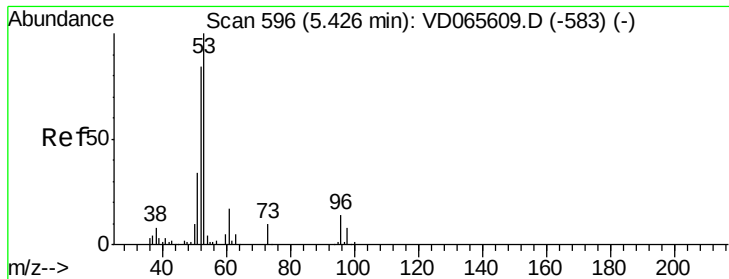
Ion Ratio Lower Upper

41 100

39 68.4 54.2 81.2

76 36.2 29.7 44.5





#15

Acrylonitrile

Concen: 49.125 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

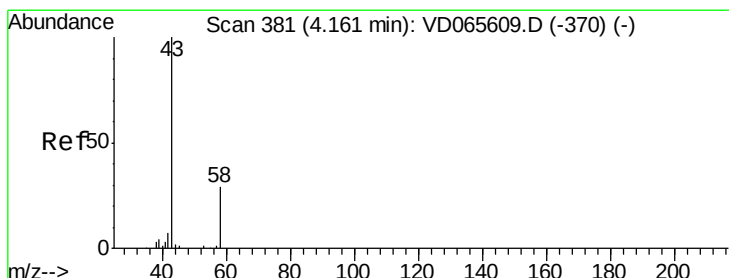
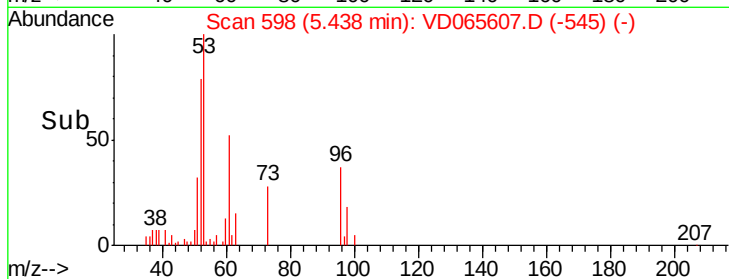
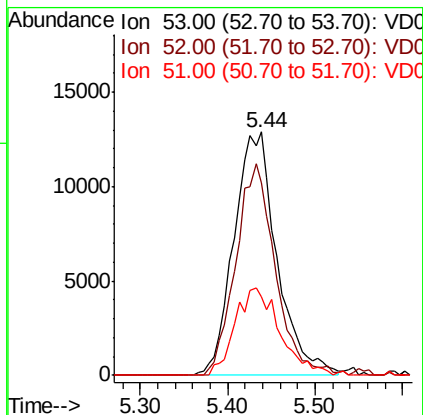
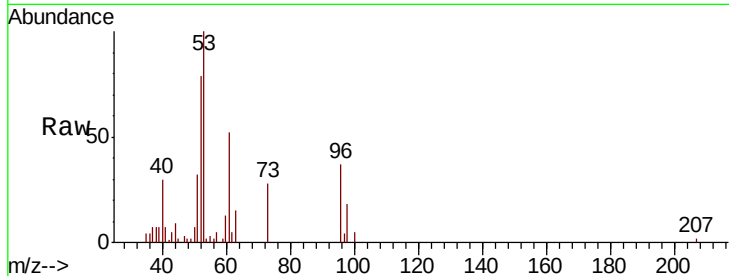
Tot Ion: 53 Resp: 43155

Ion Ratio Lower Upper

53 100

52 80.0 65.3 97.9

51 37.3 29.5 44.3



#16

Acetone

Concen: 51.197 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD065607.D

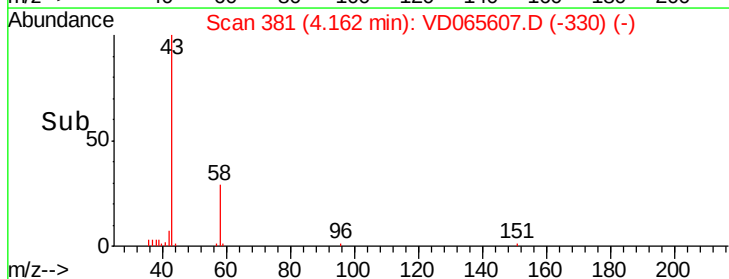
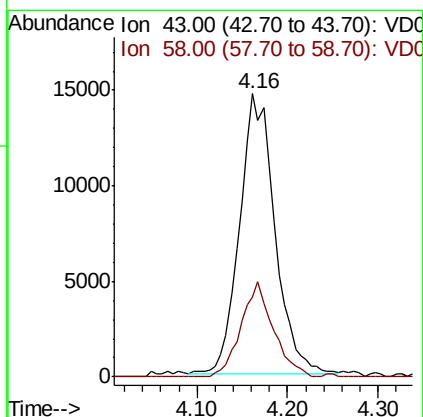
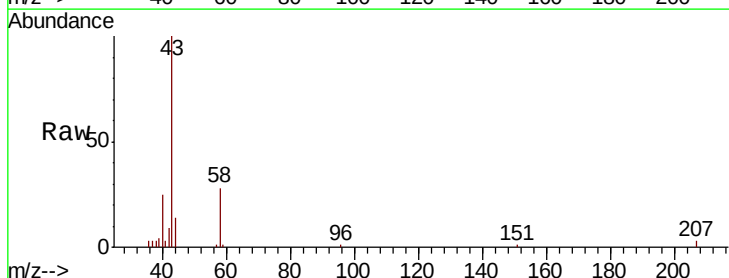
Acq: 09 Apr 2020 11:07

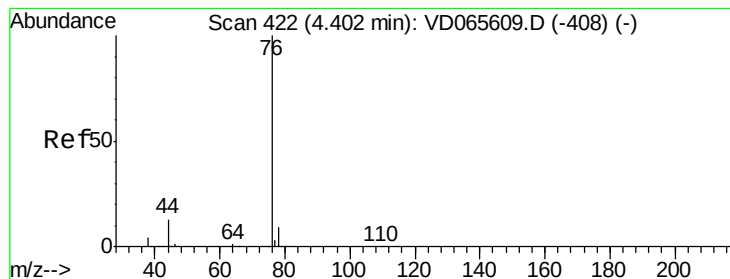
Tgt Ion: 43 Resp: 39644

Ion Ratio Lower Upper

43 100

58 28.6 23.2 34.8





#17

Carbon Disulfide

Concen: 9.886 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

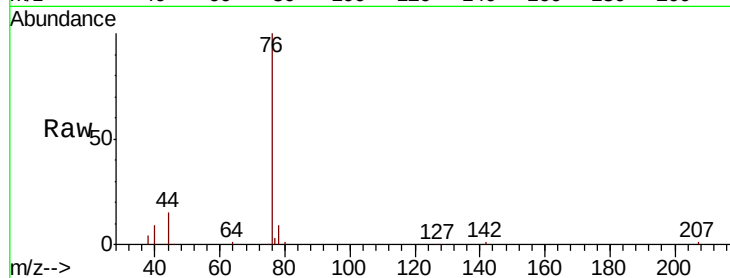
ClientSampled :

Tot Ion: 76 Resp: 142997

Ion Ratio Lower Upper

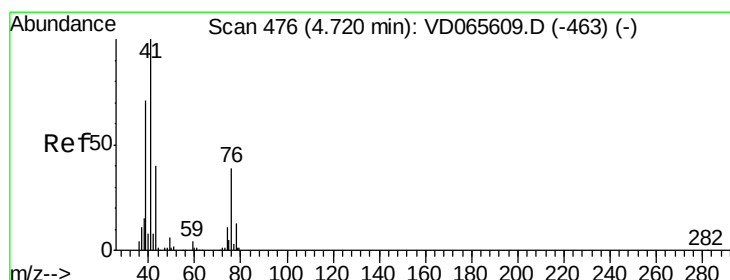
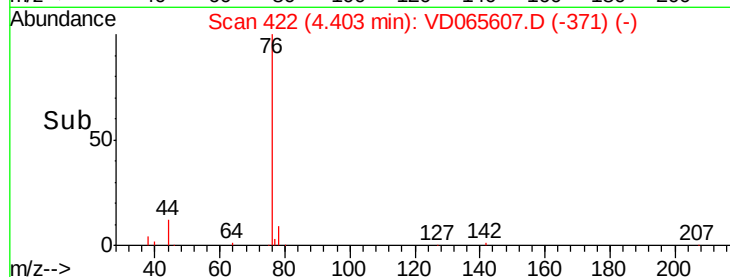
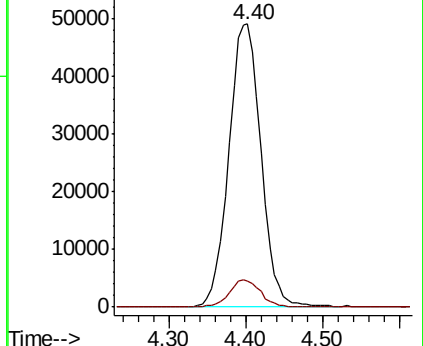
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 9.828 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD065607.D

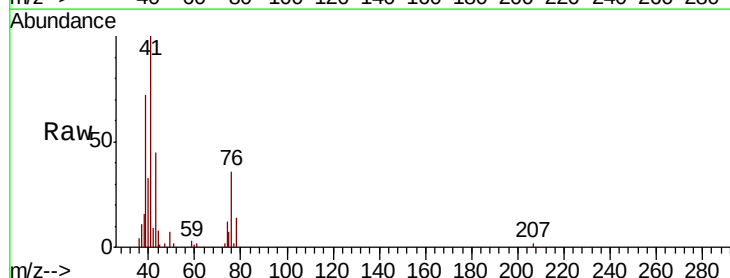
Acq: 09 Apr 2020 11:07

Tgt Ion: 43 Resp: 22338

Ion Ratio Lower Upper

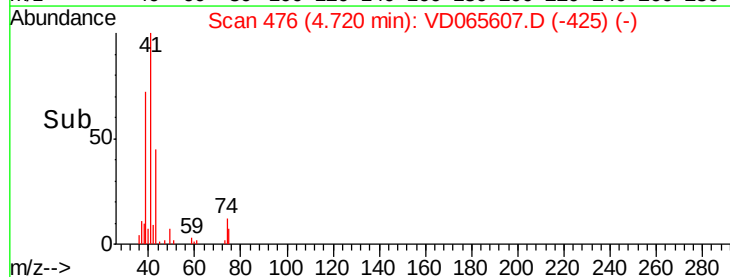
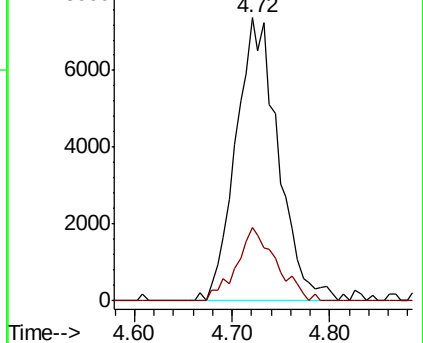
43 100

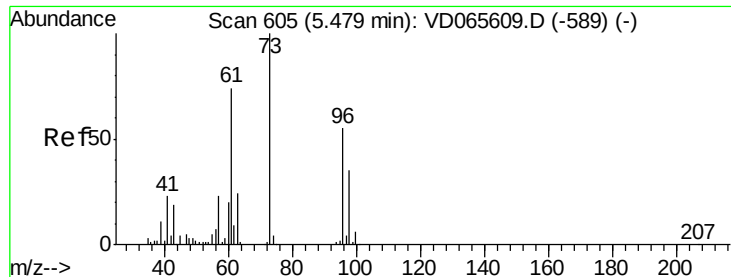
74 24.1 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

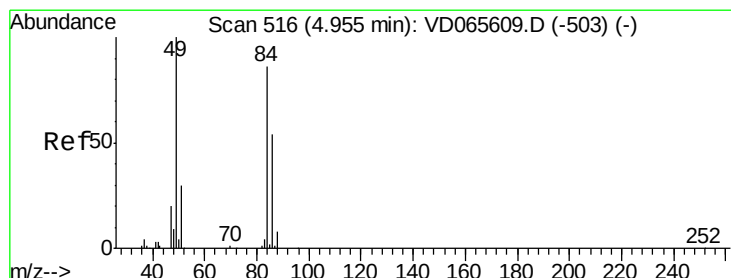
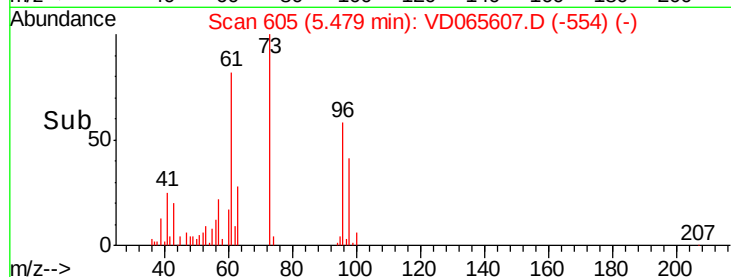
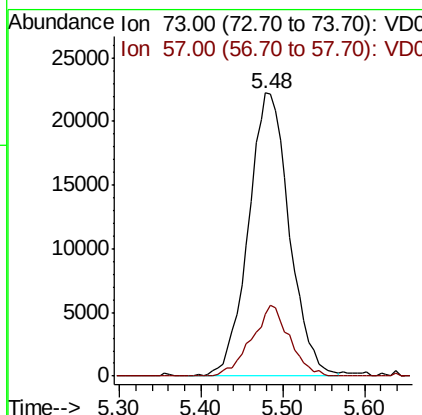
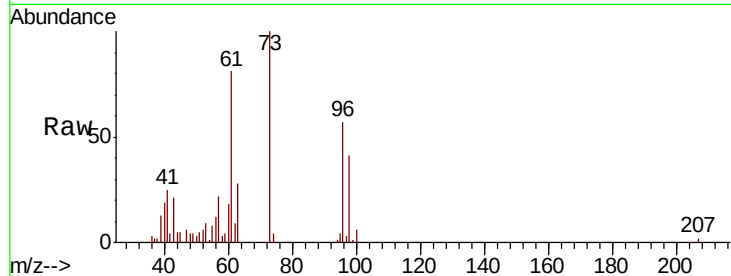




#19
Methyl tert-butyl Ether
Concen: 9.198 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

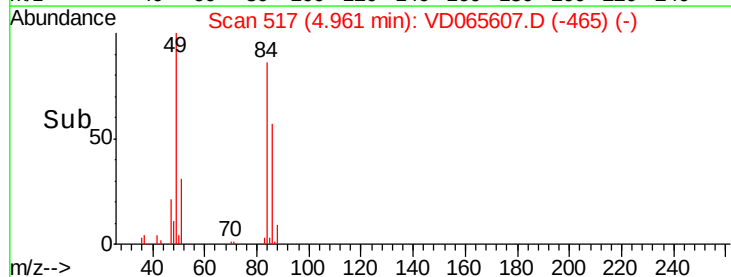
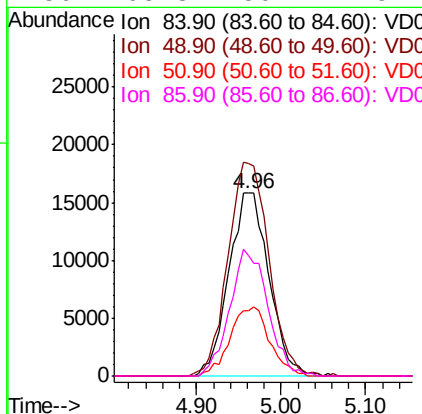
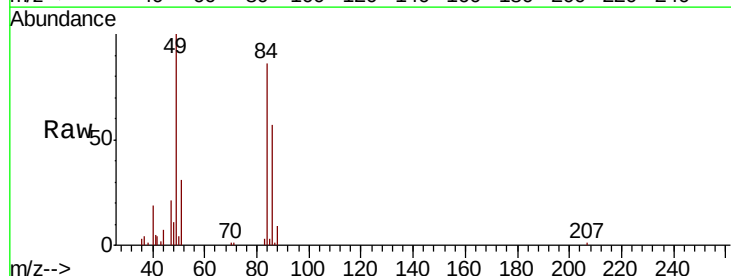
Instrument :
MSVOA_D
ClientSampled :

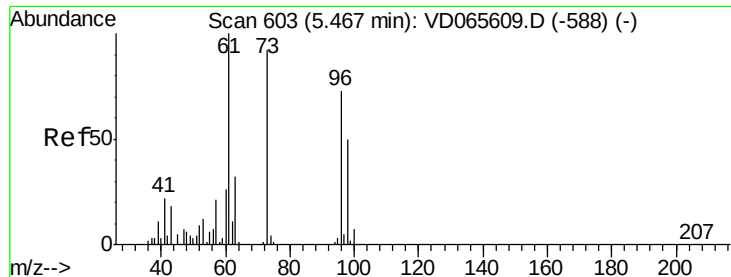
Tot Ion: 73 Resp: 77295
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.2



#20
Methylene Chloride
Concen: 10.161 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion: 84 Resp: 52011
Ion Ratio Lower Upper
84 100
49 115.9 93.4 140.2
51 35.7 28.5 42.7
86 65.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 9.590 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

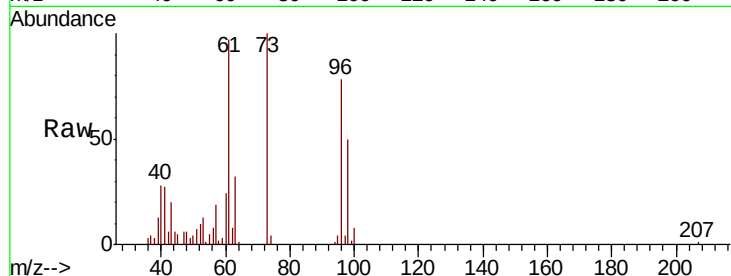
Tot Ion: 96 Resp: 47314

Ion Ratio Lower Upper

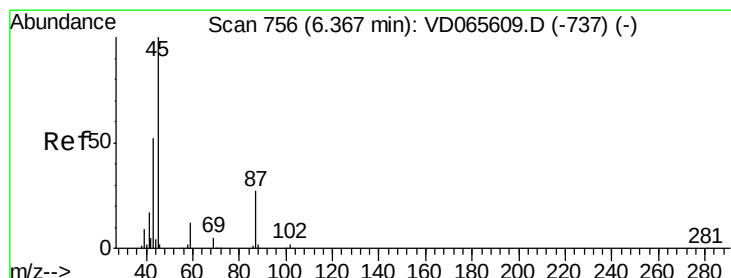
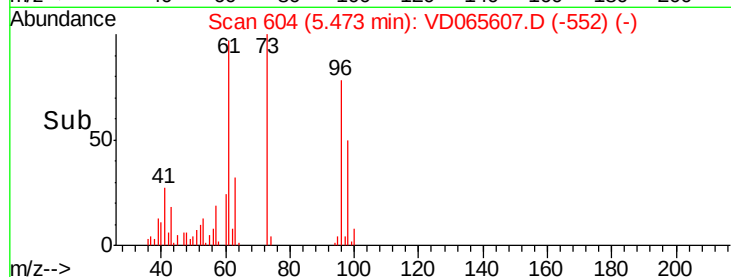
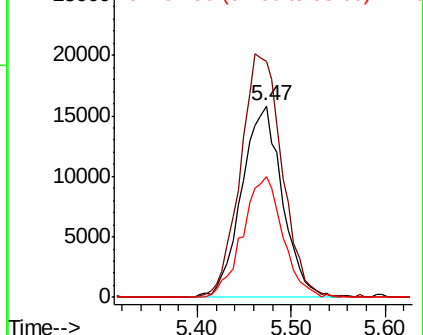
96 100

61 123.1 109.8 164.6

98 63.2 54.8 82.2



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 9.408 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Tgt Ion: 45 Resp: 116615

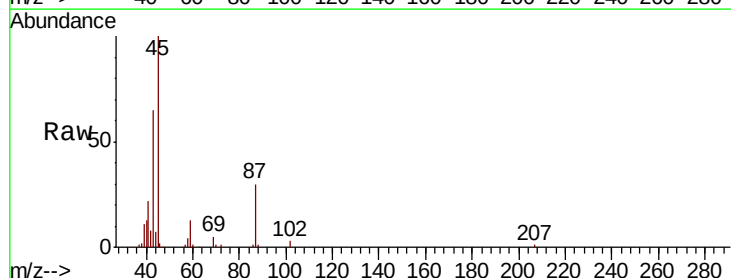
Ion Ratio Lower Upper

45 100

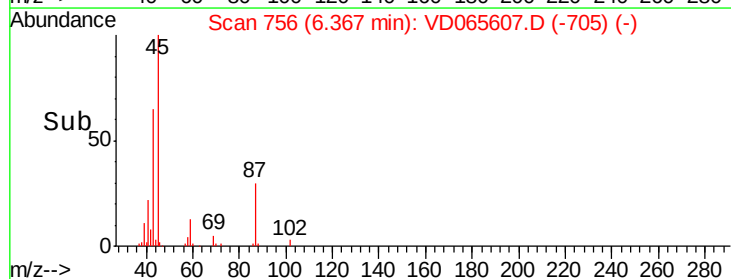
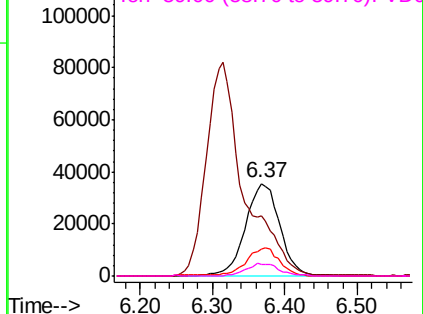
43 63.4 42.5 63.7

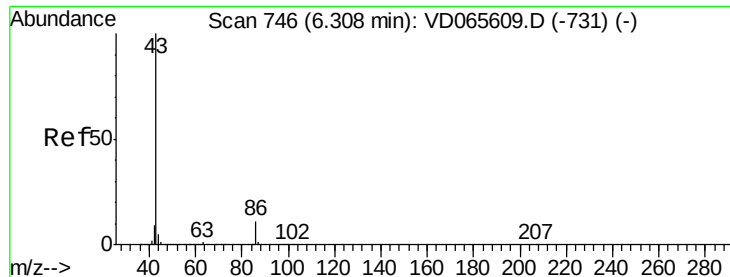
87 29.6 22.3 33.5

59 12.8 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 46.560 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.01 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

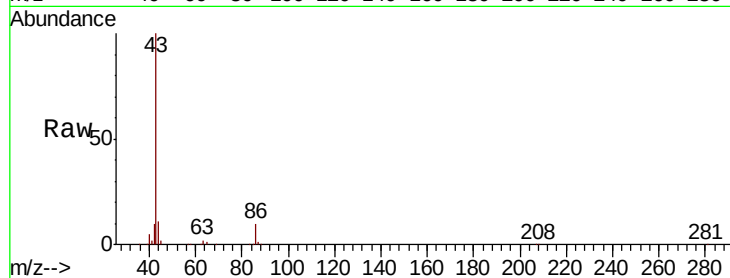
ClientSampleId :

Tot Ion: 43 Resp: 296546

Ion Ratio Lower Upper

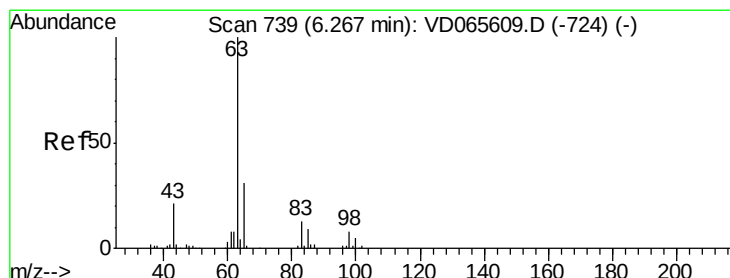
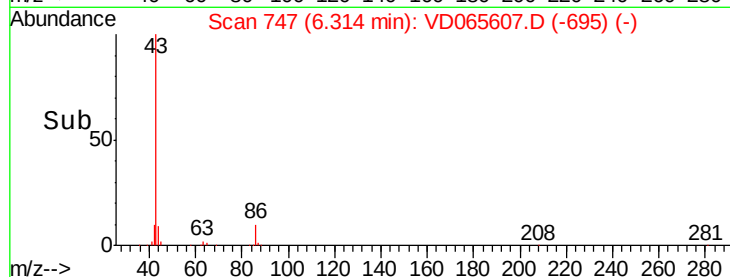
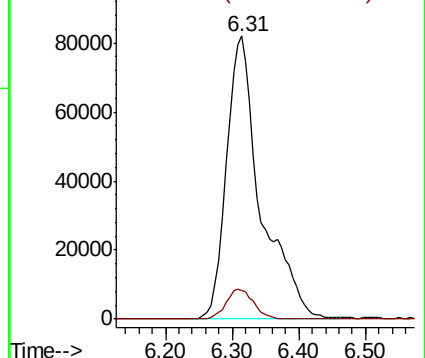
43 100

86 10.3 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 9.761 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

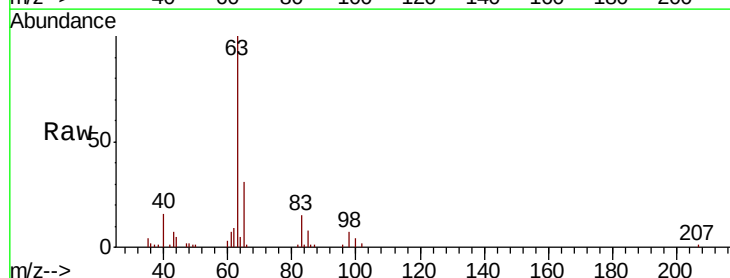
Tgt Ion: 63 Resp: 80495

Ion Ratio Lower Upper

63 100

98 6.8 4.0 11.9

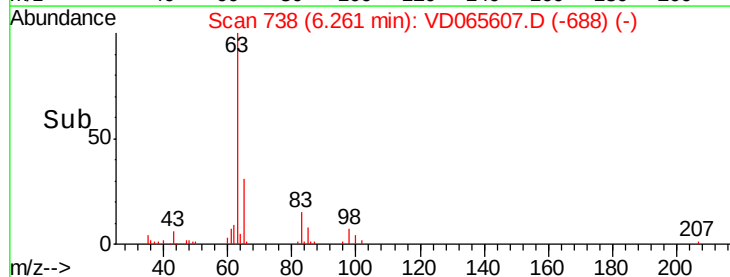
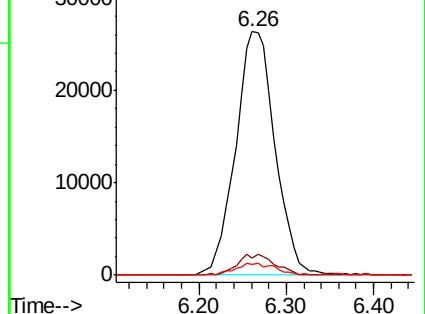
100 4.3 2.6 7.8

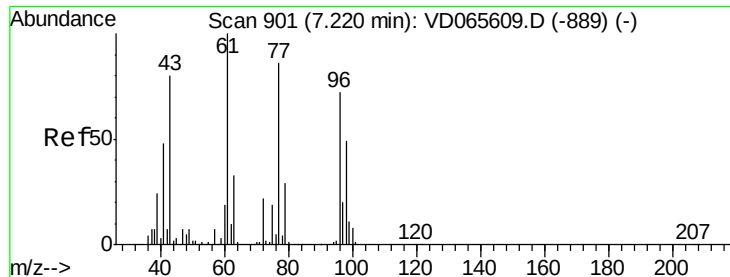


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 48.893 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

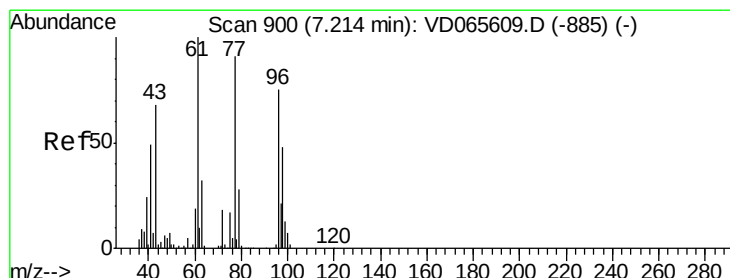
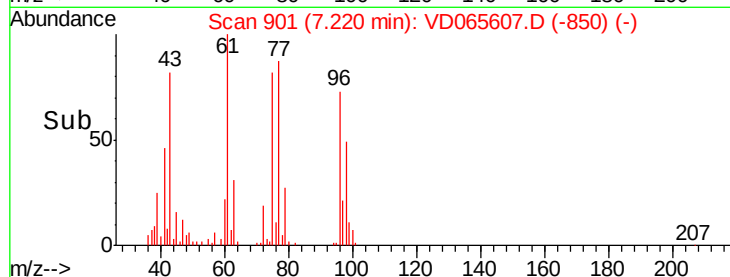
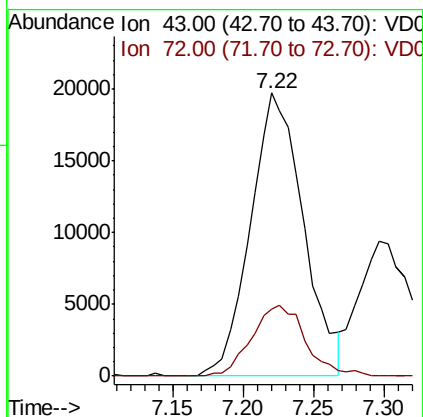
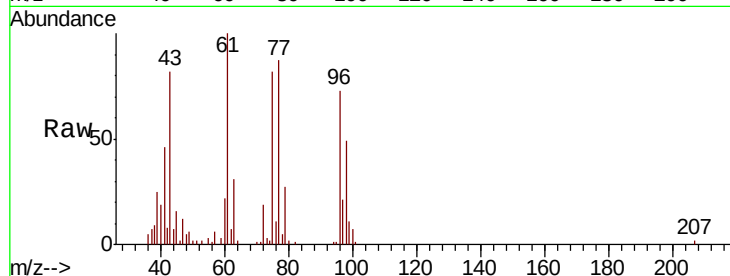
ClientSampleId :

Tot Ion: 43 Resp: 51820

Ion Ratio Lower Upper

43 100

72 23.6 22.5 33.7



#26

2,2-Dichloropropane

Concen: 10.000 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065607.D

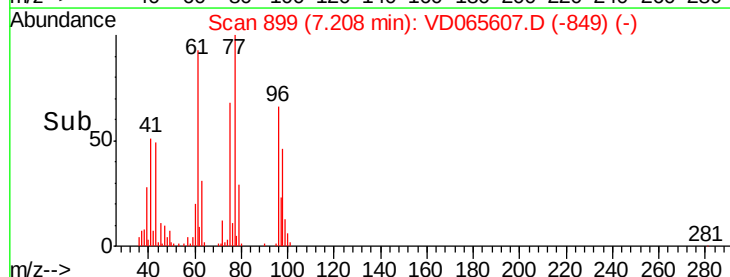
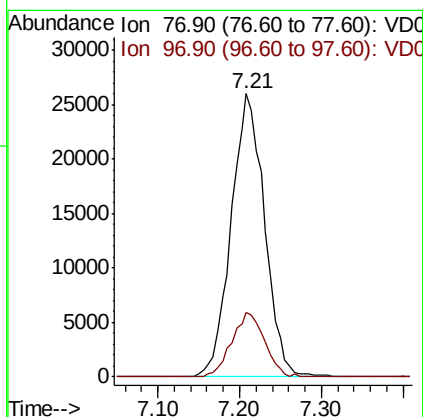
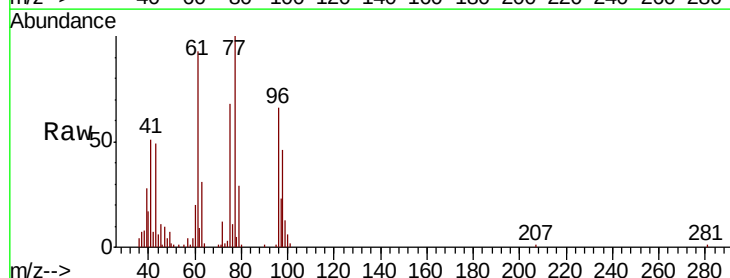
Acq: 09 Apr 2020 11:07

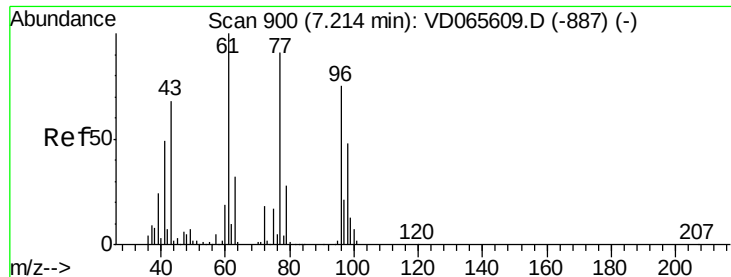
Tgt Ion: 77 Resp: 73801

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.1



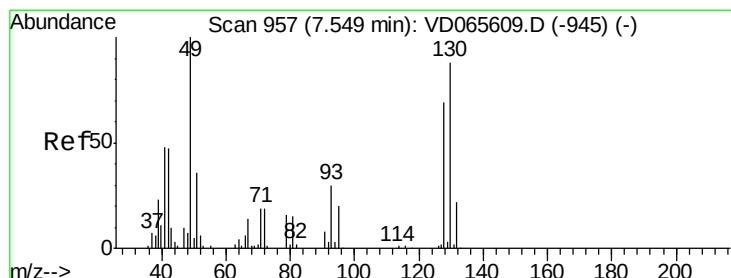
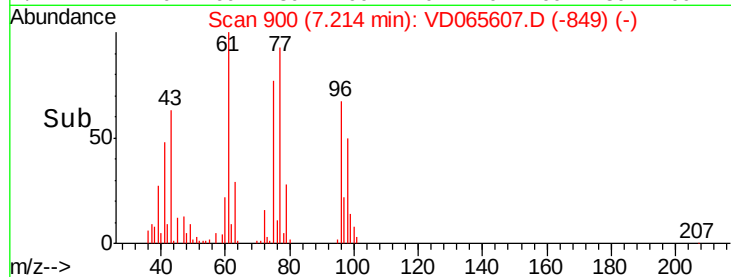
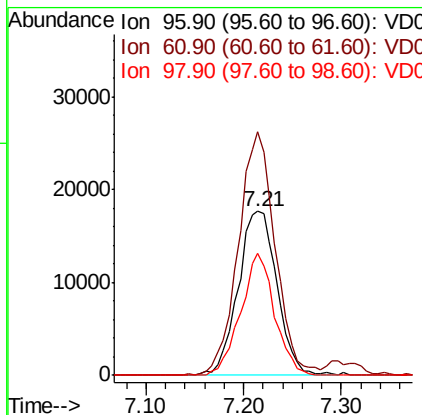
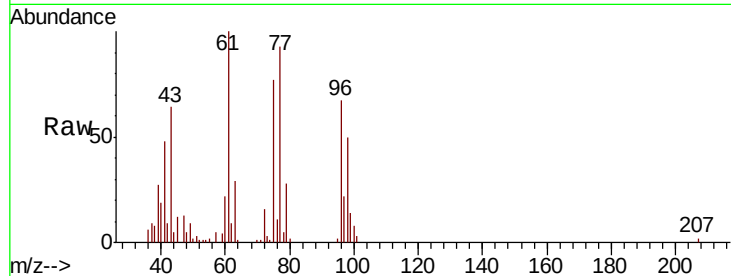


#27

cis-1,2-Dichloroethene
 Concen: 9.760 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

Instrument :
 MSVOA_D
 ClientSampled :

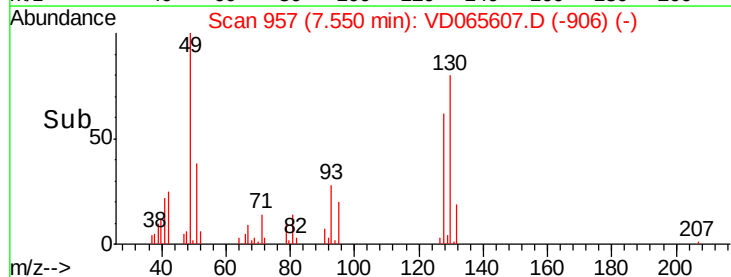
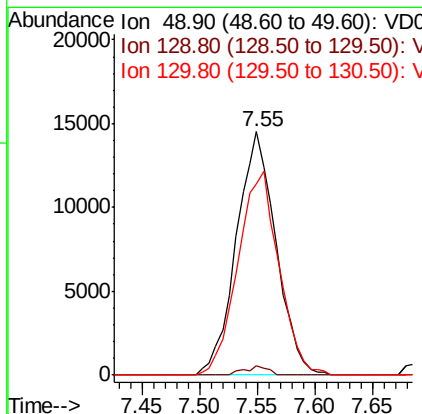
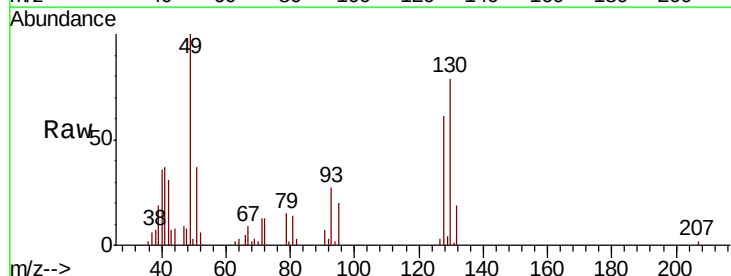
Tot Ion: 96 Resp: 49284
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 279.0
 98 65.1 0.0 130.2

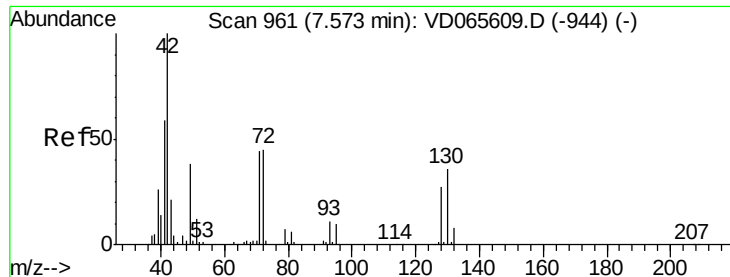


#28

Bromochloromethane
 Concen: 10.428 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

Tgt Ion: 49 Resp: 34514
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 87.4 69.4 104.2

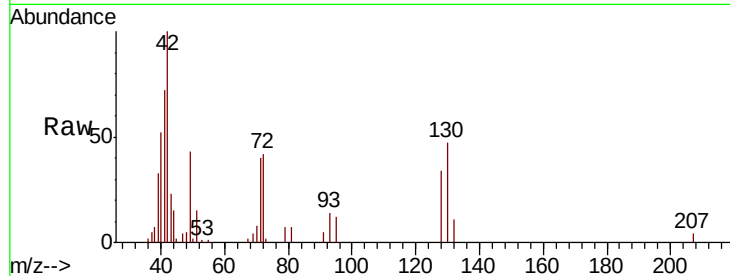




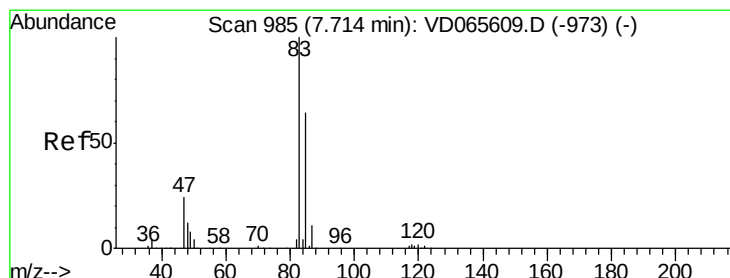
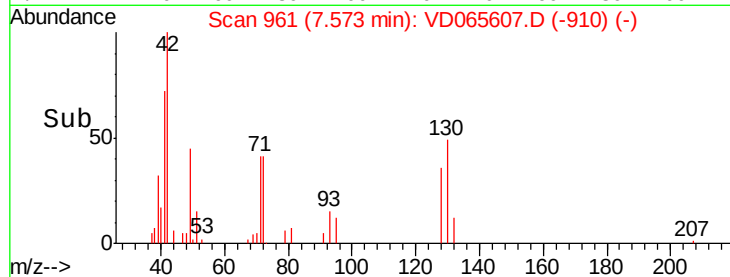
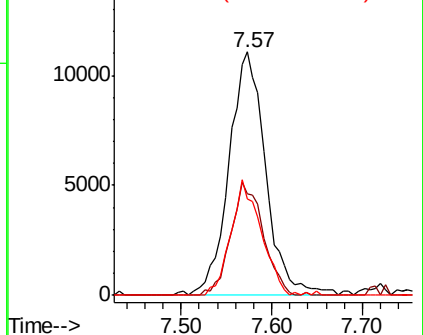
#29
Tetrahydrofuran
Concen: 46.647 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 42 Resp: 31068
Ion Ratio Lower Upper
42 100
72 41.2 35.3 52.9
71 39.3 33.1 49.7

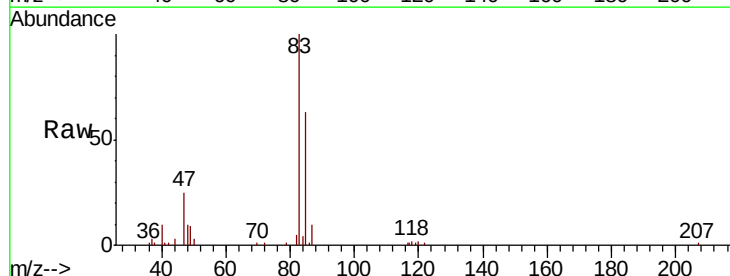


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

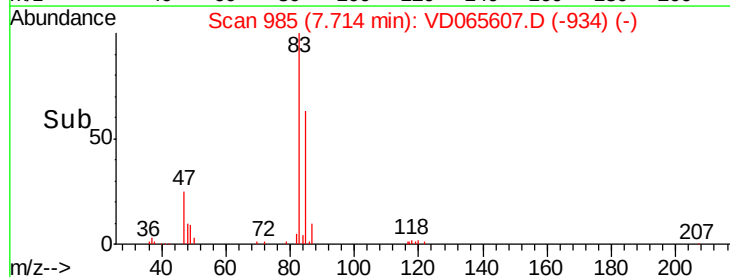
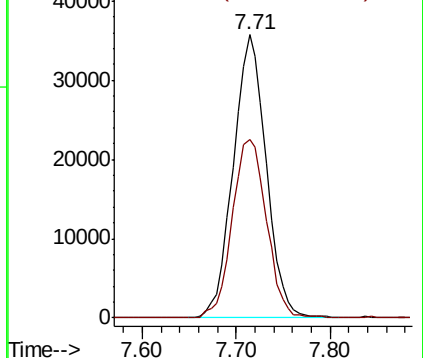


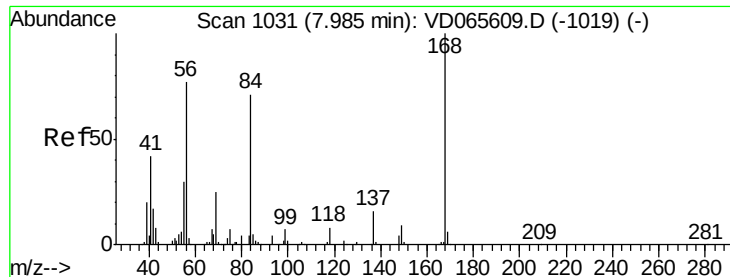
#30
Chloroform
Concen: 10.032 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion: 83 Resp: 86619
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3



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

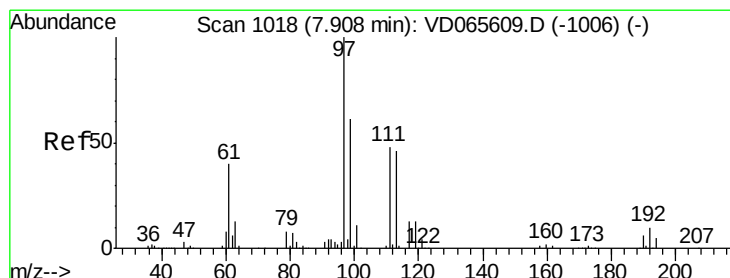
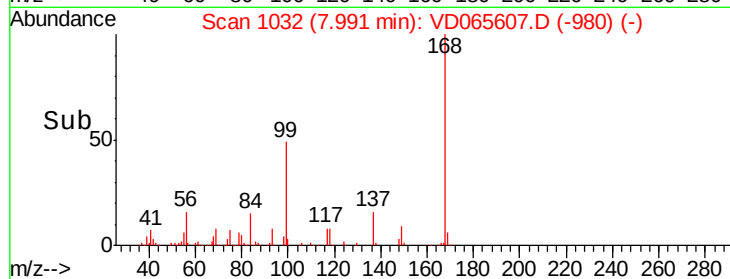
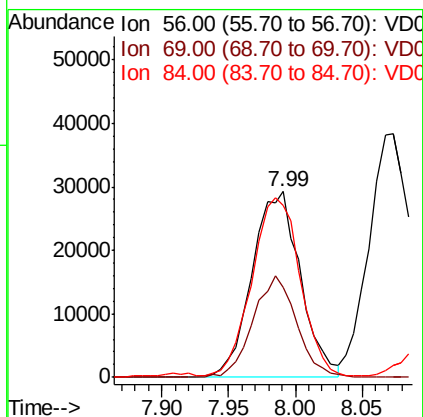
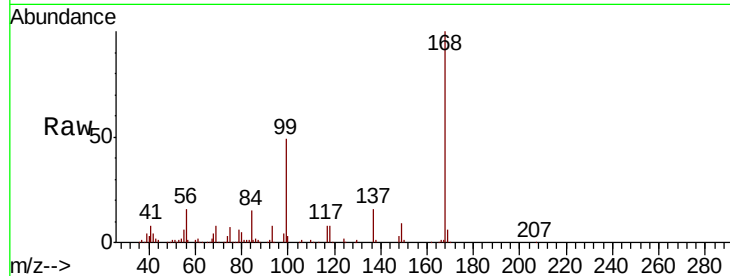




#31
Cyclohexane
Concen: 9.599 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

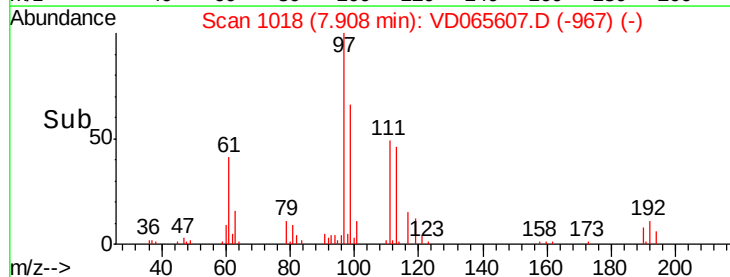
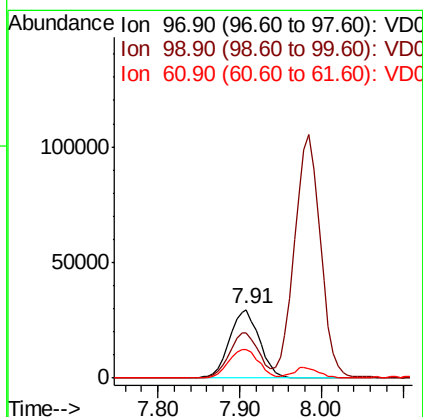
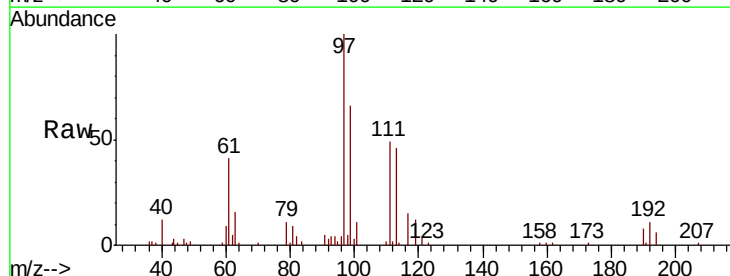
Instrument :
MSVOA_D
ClientSampled :

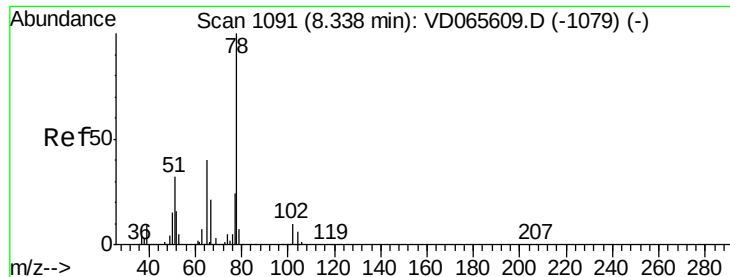
Tot Ion: 56 Resp: 73425
Ion Ratio Lower Upper
56 100
69 48.2 26.2 39.4#
84 90.6 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 9.696 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion: 97 Resp: 75663
Ion Ratio Lower Upper
97 100
99 64.5 50.2 75.2
61 43.1 33.5 50.3

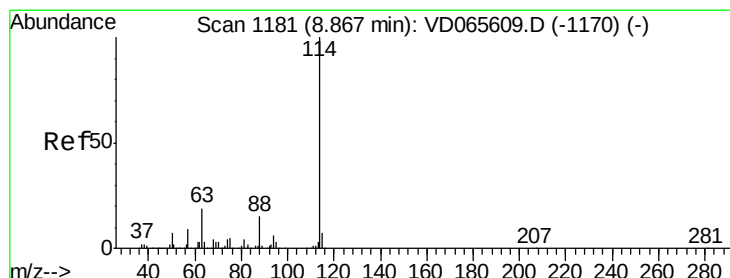
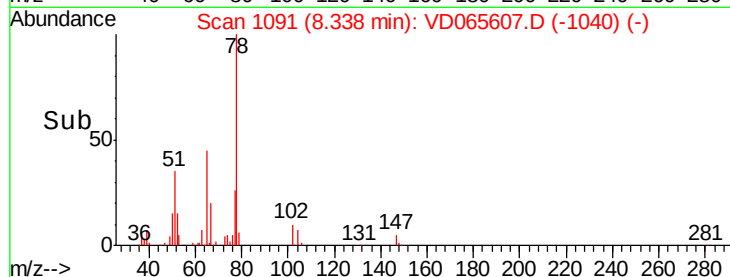
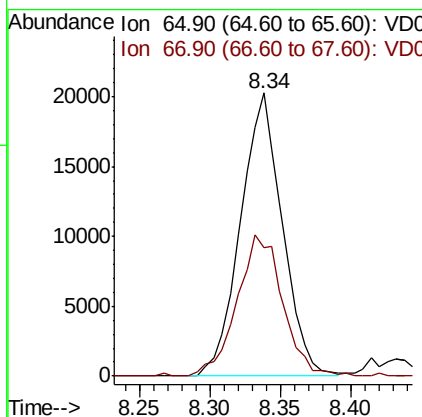
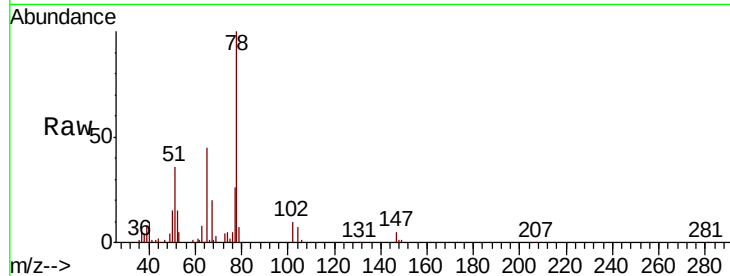




#33
 1,2-Dichloroethane-d4
 Concen: 9.792 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

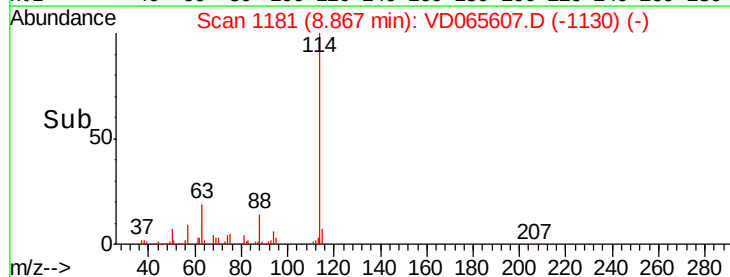
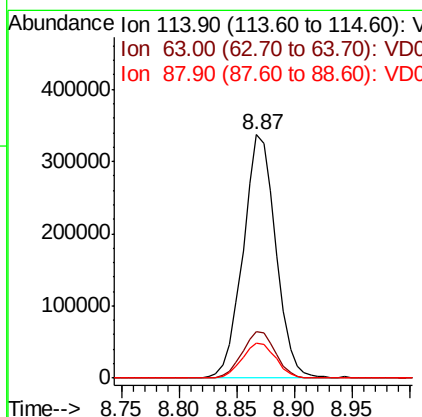
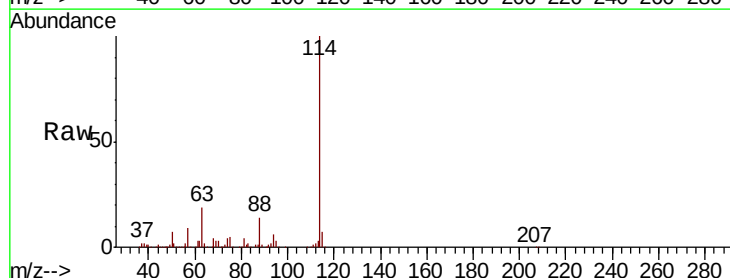
Instrument :
 MSVOA_D
 ClientSampled :

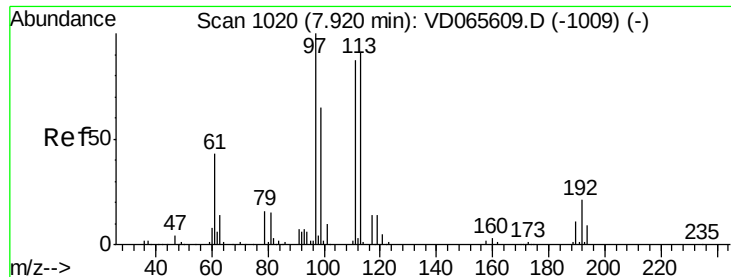
Tot Ion: 65 Resp: 41990
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

Tgt Ion: 114 Resp: 665963
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.2
 88 14.3 0.0 29.6

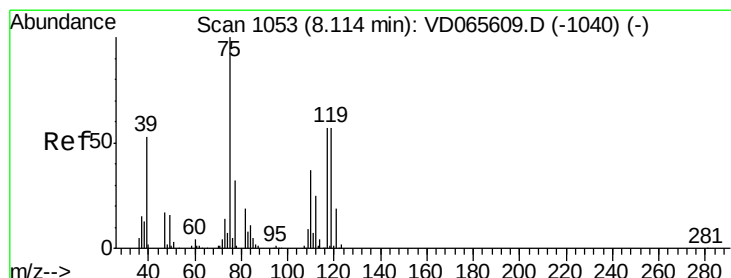
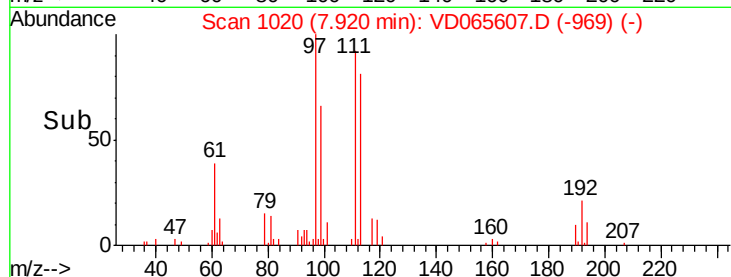
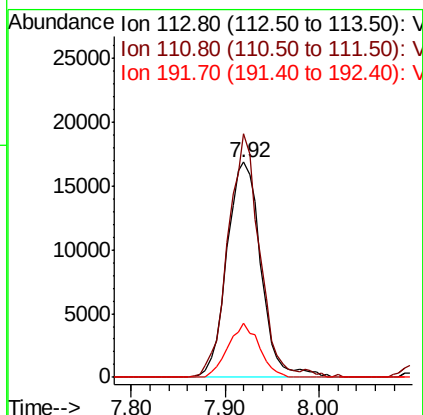
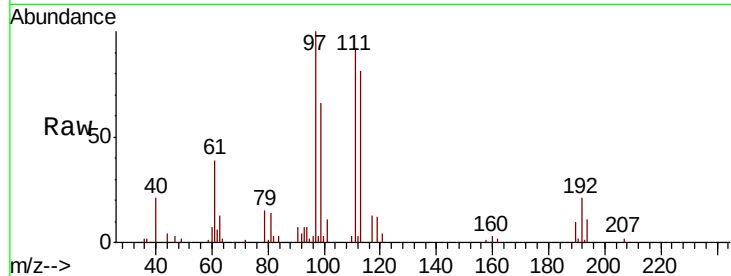




#35
 Dibromofluoromethane
 Concen: 9.140 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

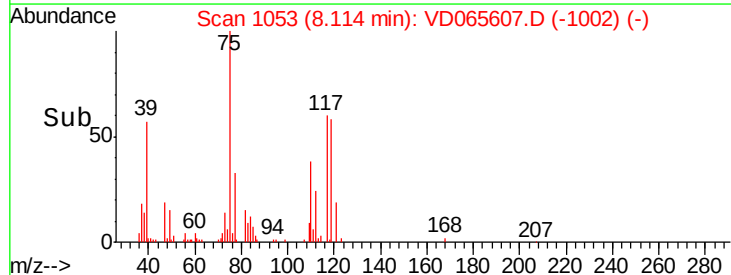
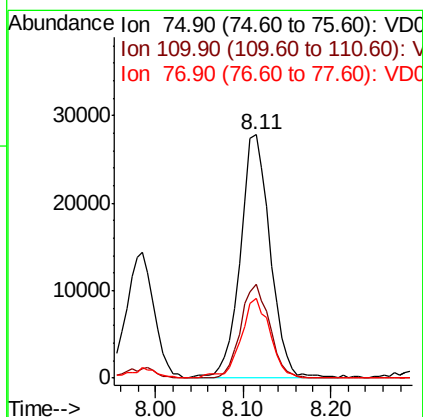
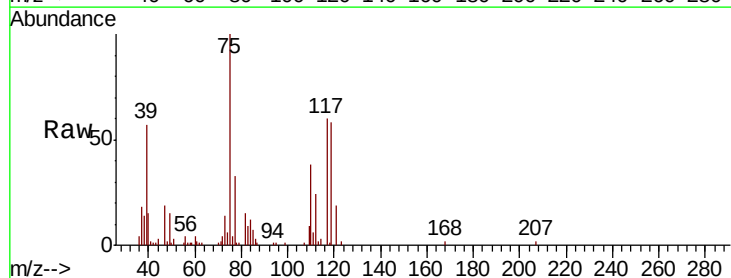
Instrument :
 MSVOA_D
 ClientSampleId :

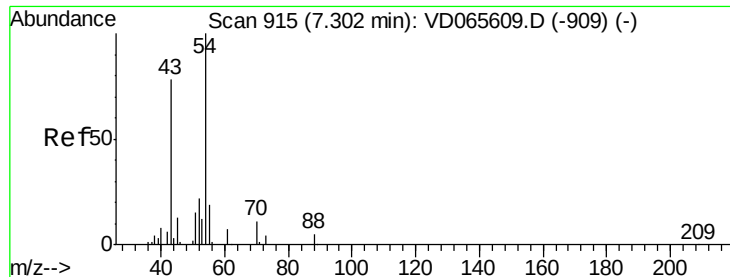
Tot Ion:113 Resp: 42525
 Ion Ratio Lower Upper
 113 100
 111 105.2 80.6 120.8
 192 22.8 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 9.368 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

Tgt Ion: 75 Resp: 64229
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.3 54.9
 77 31.9 25.0 37.6

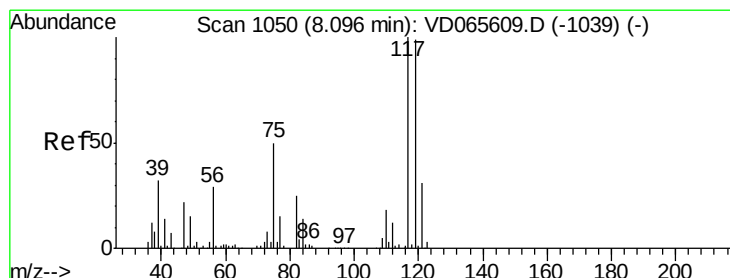
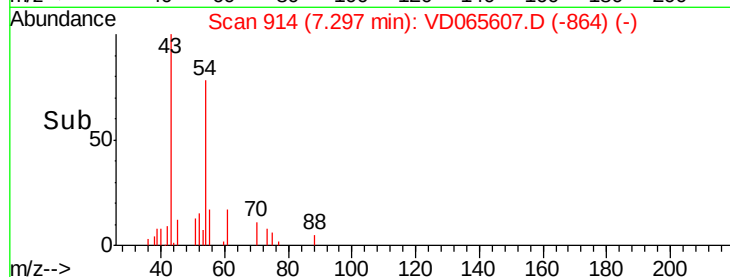
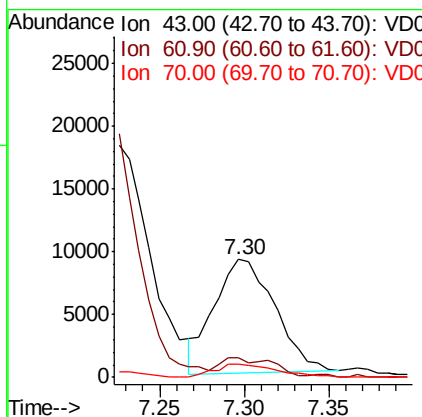
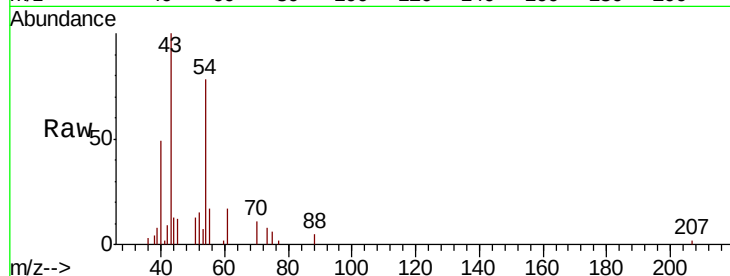




#37
Ethyl Acetate
Concen: 8.911 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

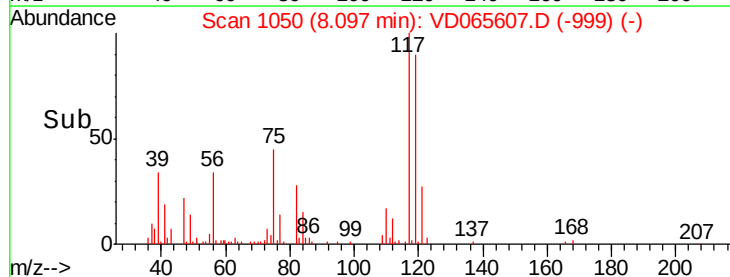
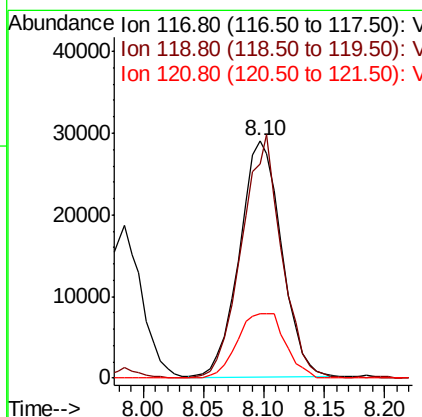
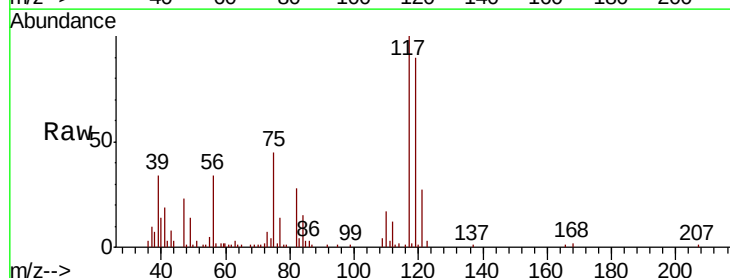
Instrument :
MSVOA_D
ClientSampled :

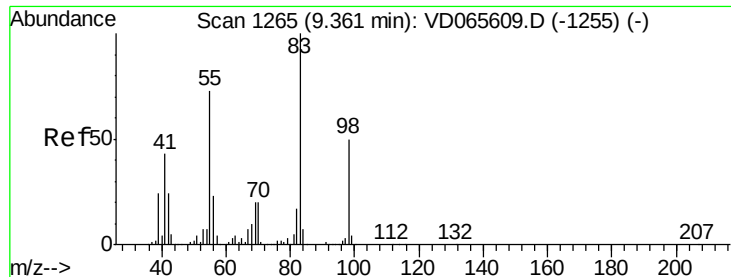
Tot Ion: 43 Resp: 22684
Ion Ratio Lower Upper
43 100
61 13.2 11.3 16.9
70 12.2 8.6 13.0



#38
Carbon Tetrachloride
Concen: 9.433 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion: 117 Resp: 70225
Ion Ratio Lower Upper
117 100
119 90.7 78.9 118.3
121 27.2 24.6 37.0

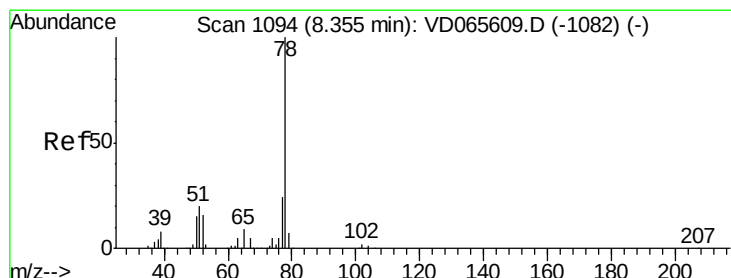
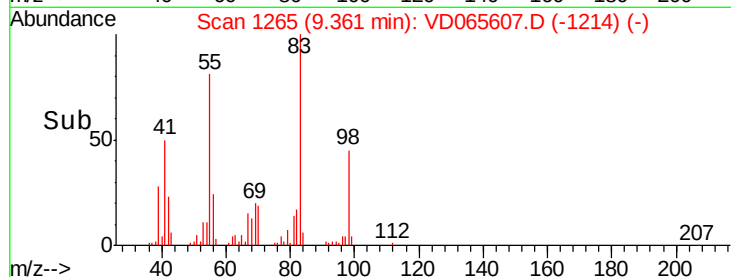
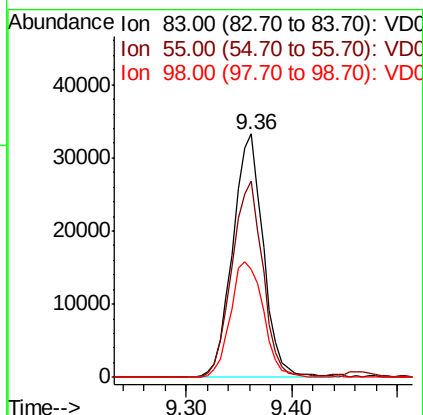
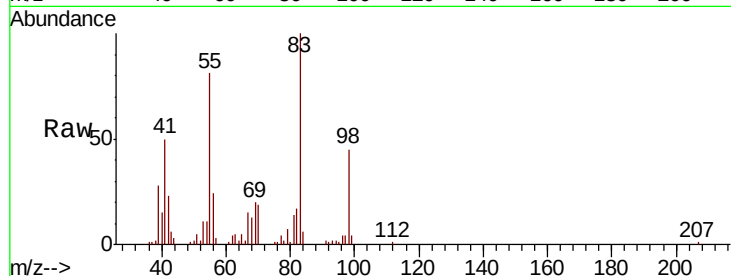




#39
Methylvlcyclohexane
Concen: 8.554 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

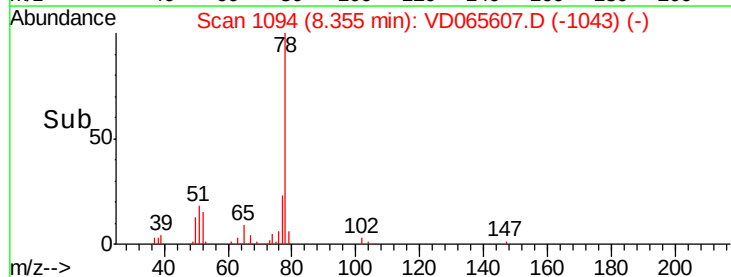
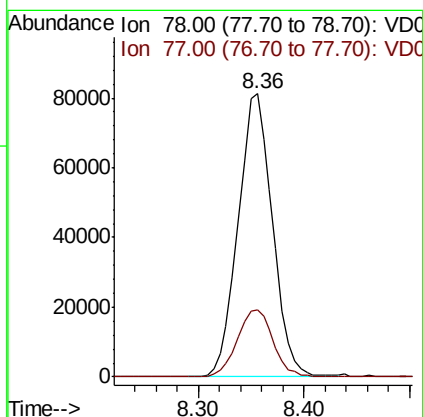
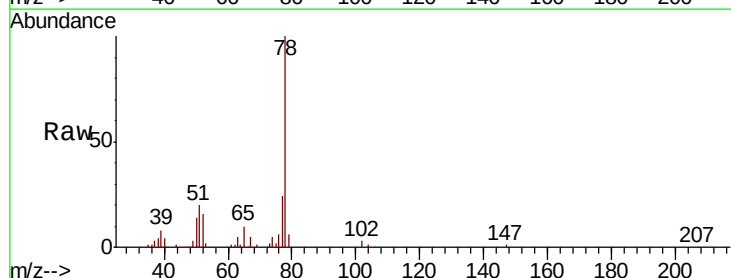
Instrument :
MSVOA_D
ClientSampleId :

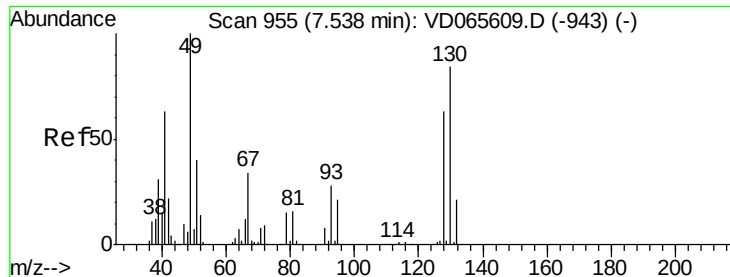
Tot Ion: 83 Resp: 66395
Ion Ratio Lower Upper
83 100
55 80.6 58.7 88.1
98 44.6 40.2 60.4



#40
Benzene
Concen: 9.362 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion: 78 Resp: 183393
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

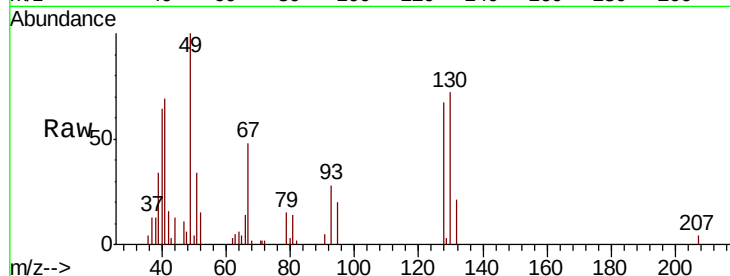




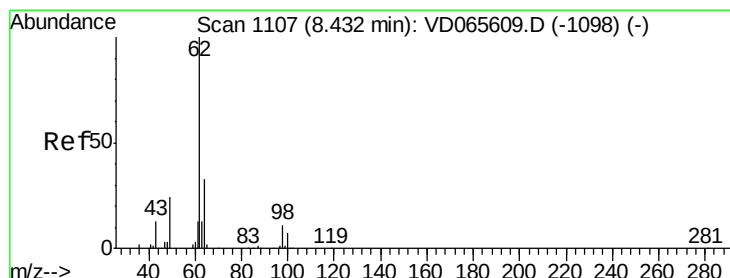
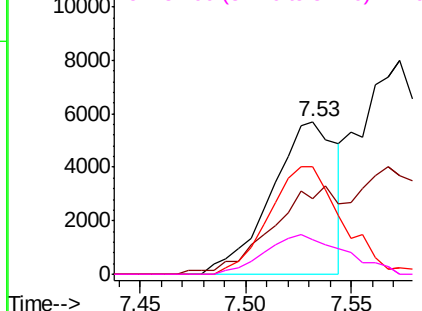
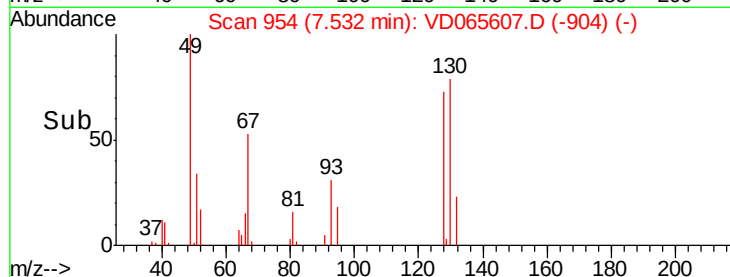
#41
Methacrylonitrile
Concen: 8.215 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.01 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 41 Resp: 12224
Ion Ratio Lower Upper
41 100
39 57.9 0.0 0.0#
67 79.8 0.0 0.0#
52 31.5 0.0 0.0#

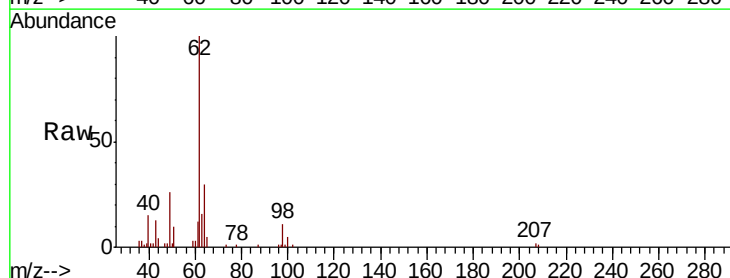


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

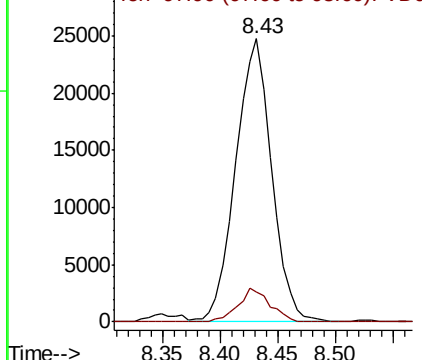
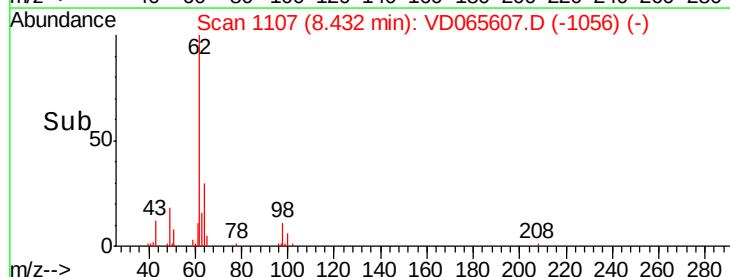


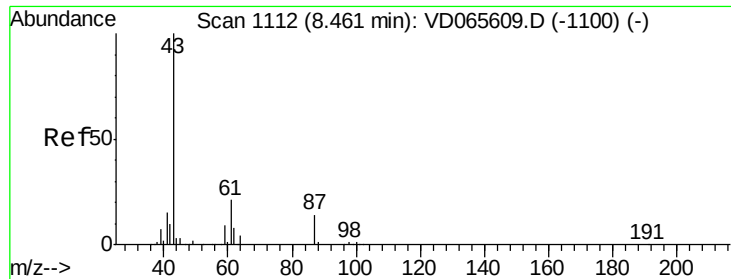
#42
1,2-Dichloroethane
Concen: 9.804 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion: 62 Resp: 53646
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 9.128 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

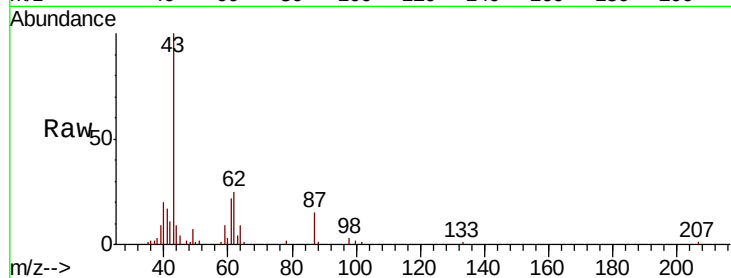
Tot Ion: 43 Resp: 42395

Ion Ratio Lower Upper

43 100

61 35.4 25.9 38.9

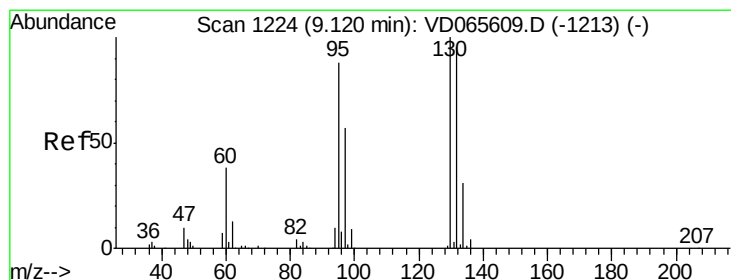
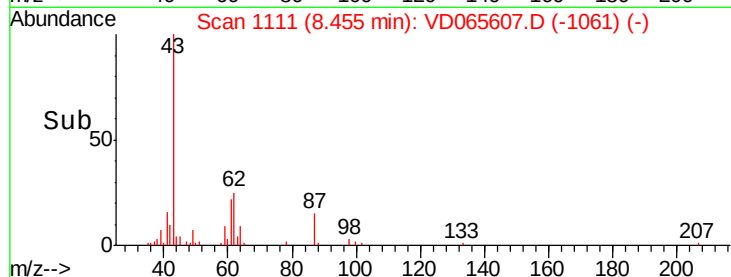
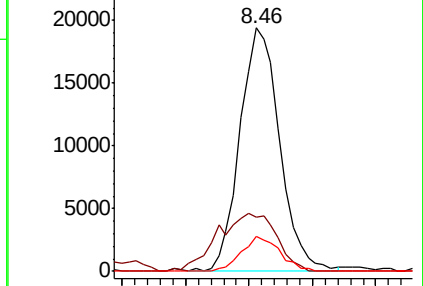
87 13.7 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 9.585 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VD065607.D

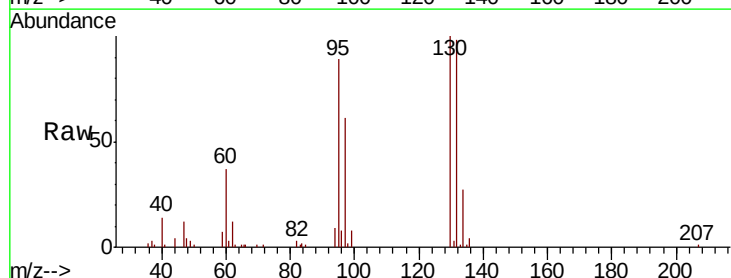
Acq: 09 Apr 2020 11:07

Tgt Ion: 130 Resp: 53962

Ion Ratio Lower Upper

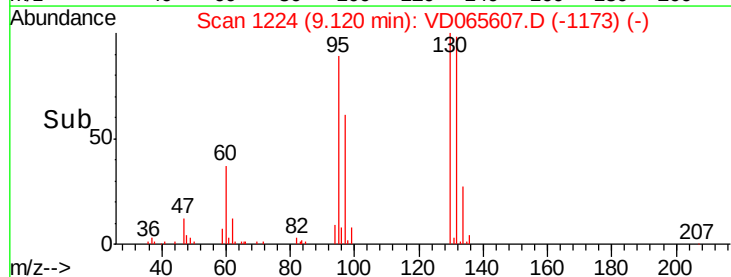
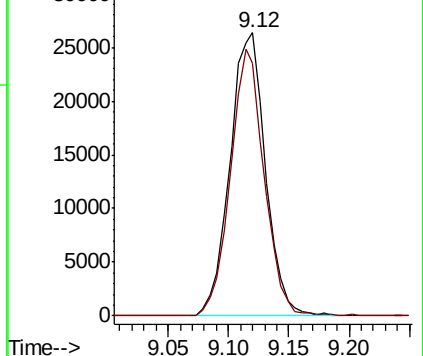
130 100

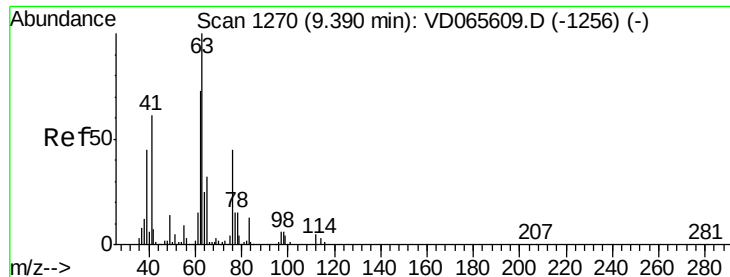
95 89.1 0.0 176.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 9.451 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

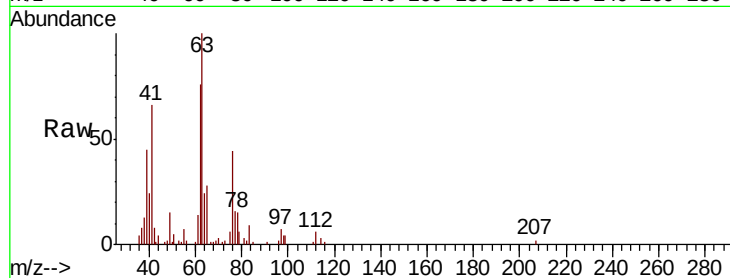
ClientSampled :

Tot Ion: 63 Resp: 45083

Ion Ratio Lower Upper

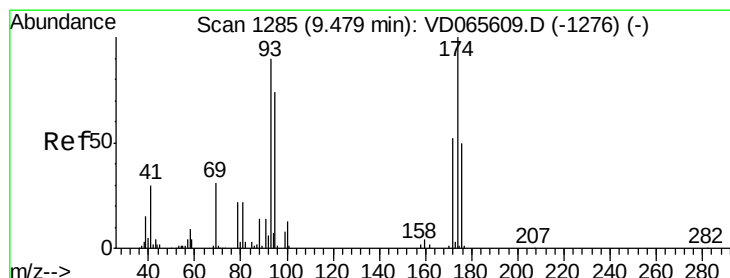
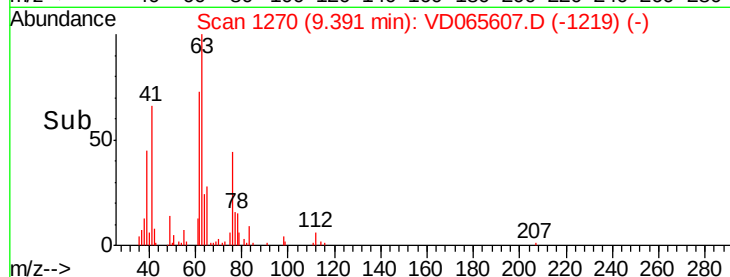
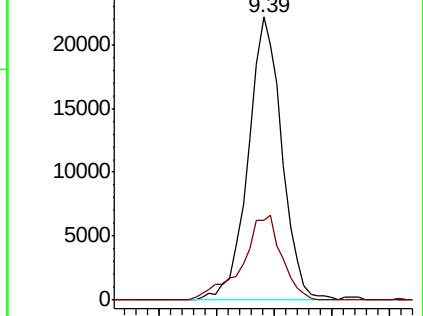
63 100

65 28.3 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 9.687 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

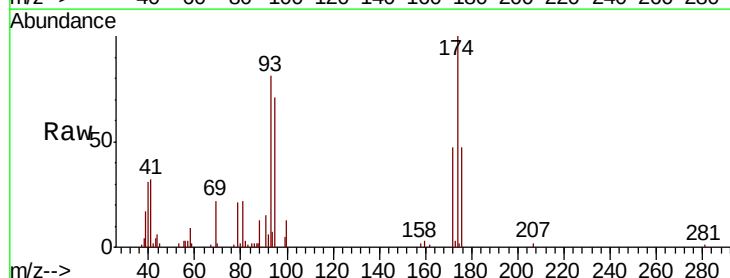
Tgt Ion: 93 Resp: 24836

Ion Ratio Lower Upper

93 100

95 85.3 66.5 99.7

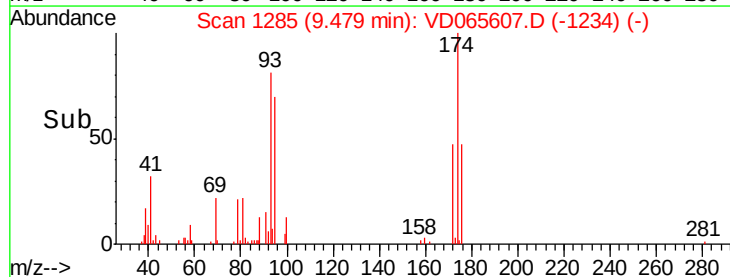
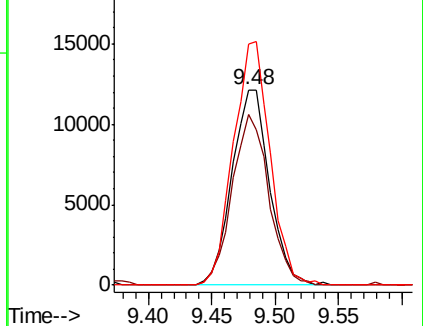
174 122.5 91.5 137.3

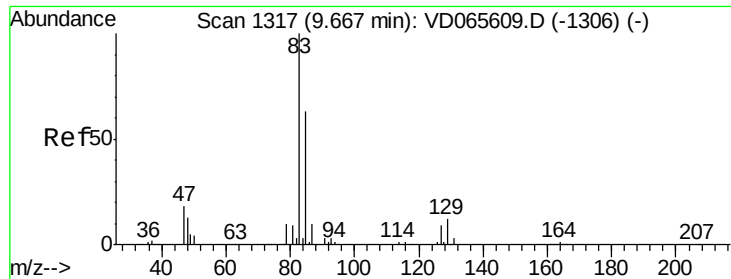


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 9.646 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

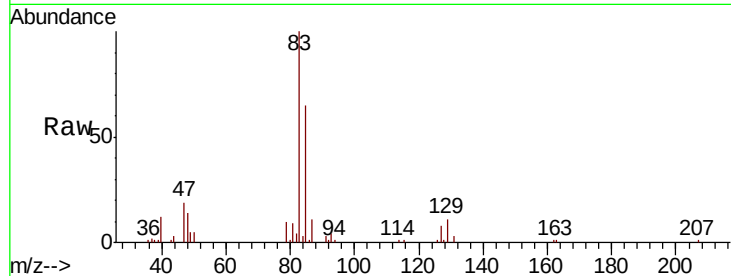
Tot Ion: 83 Resp: 64852

Ion Ratio Lower Upper

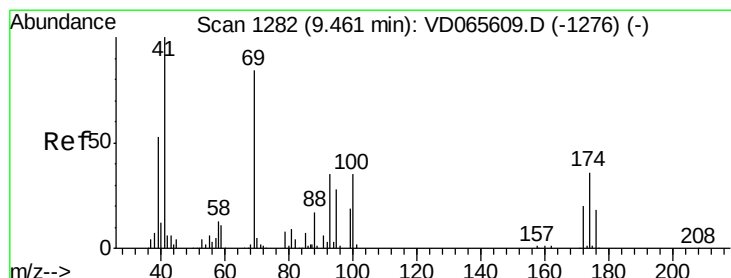
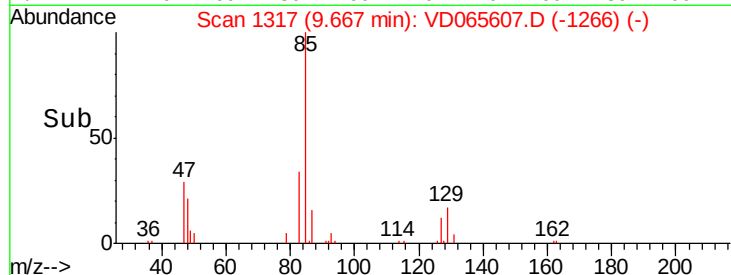
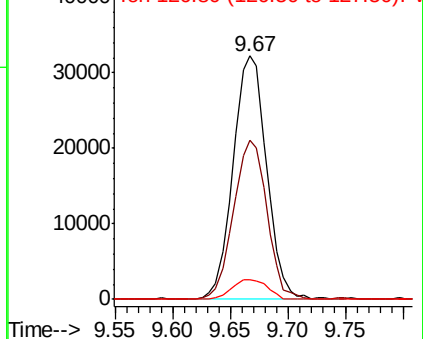
83 100

85 65.4 50.7 76.1

127 8.0 7.6 11.4



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



#48

Methyl methacrylate

Concen: 8.977 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

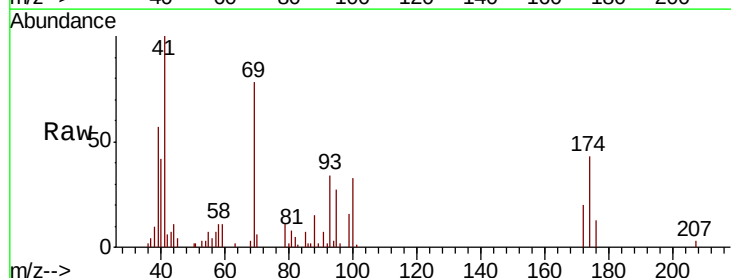
Tgt Ion: 41 Resp: 19339

Ion Ratio Lower Upper

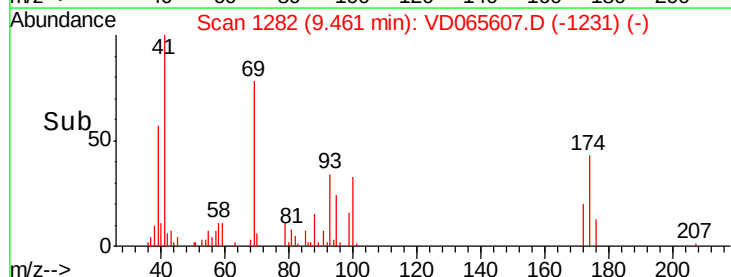
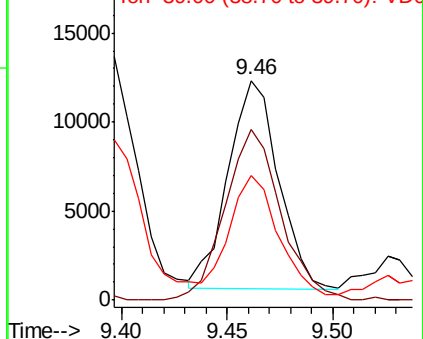
41 100

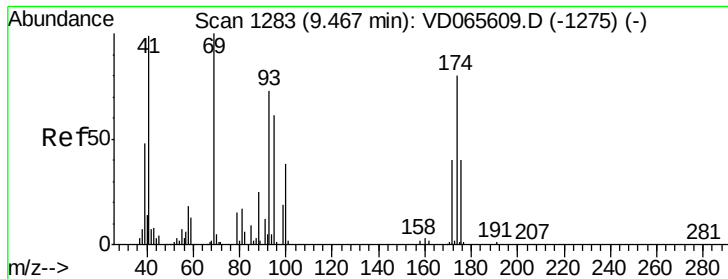
69 90.7 72.4 108.6

39 53.7 43.5 65.3



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

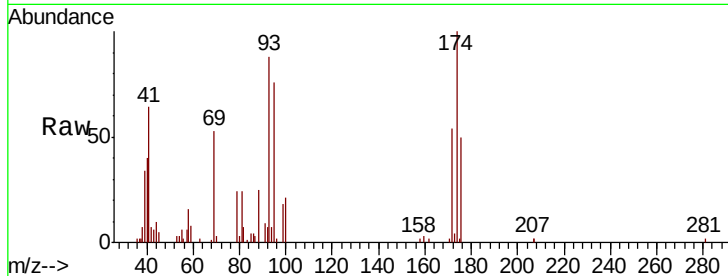




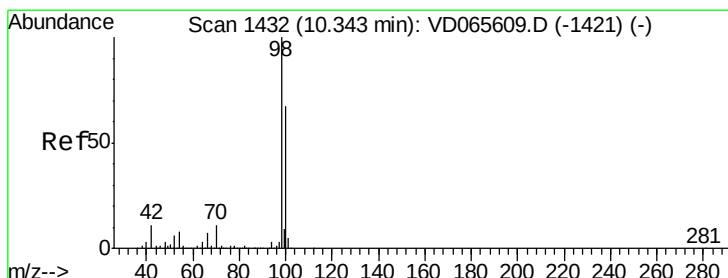
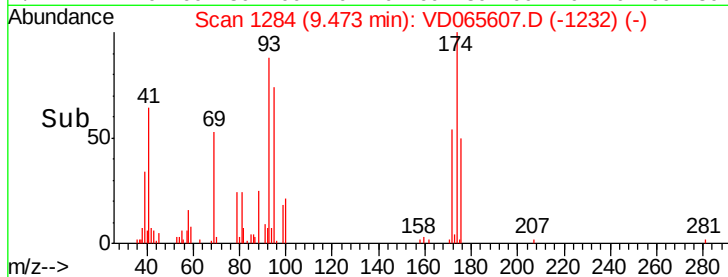
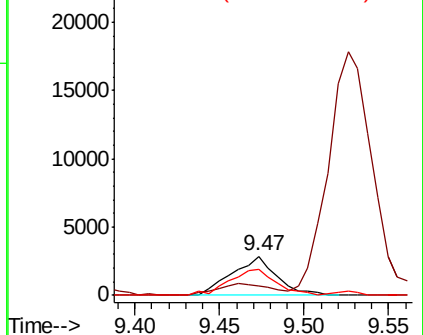
#49
1,4-Dioxane
Concen: 191.353 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 5196
Ion Ratio Lower Upper
88 100
43 37.2 29.8 44.8
58 71.9 57.7 86.5

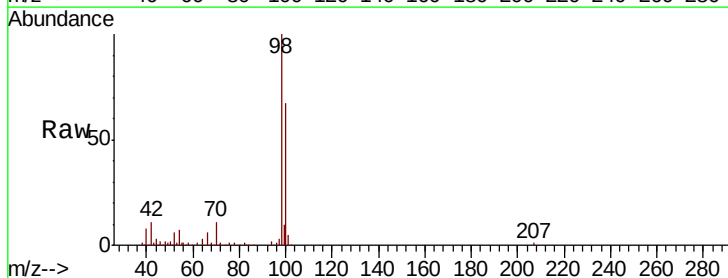


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

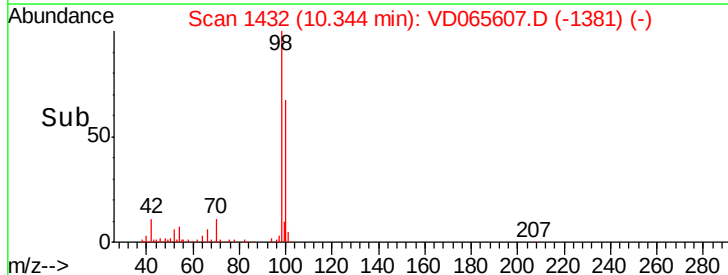
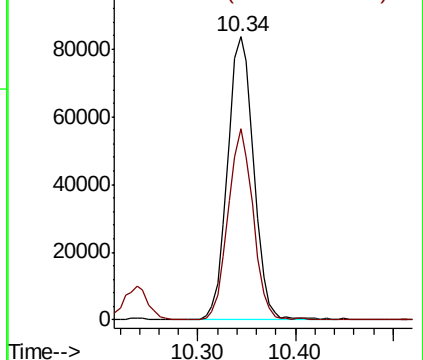


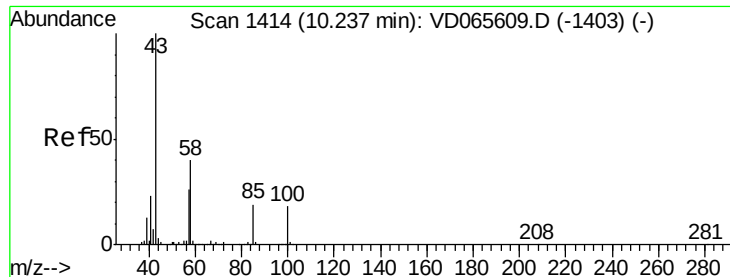
#50
Toluene-d8
Concen: 9.160 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion: 98 Resp: 155628
Ion Ratio Lower Upper
98 100
100 64.6 52.6 79.0



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

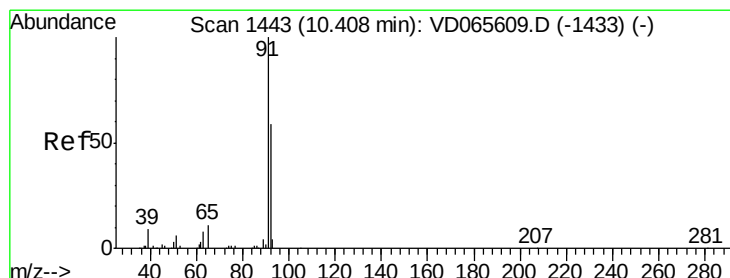
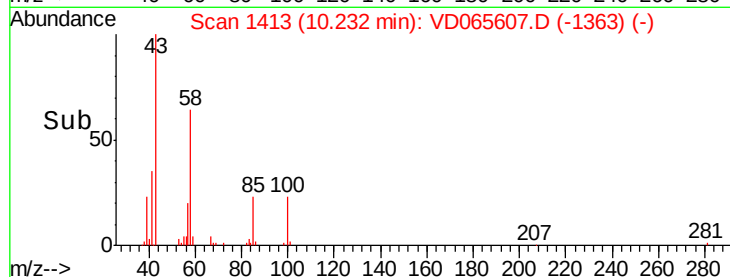
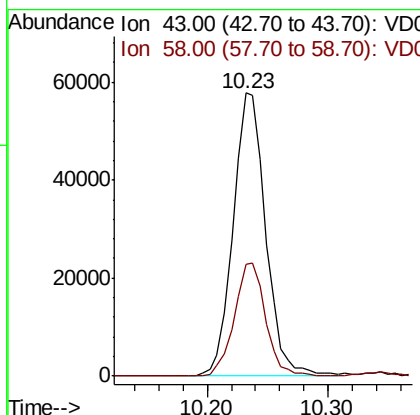
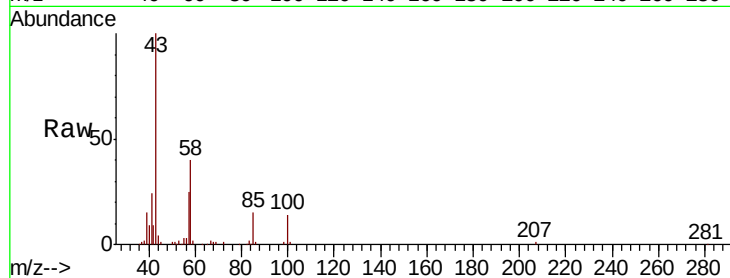




#51
 4-Methyl-2-Pentanone
 Concen: 45.429 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

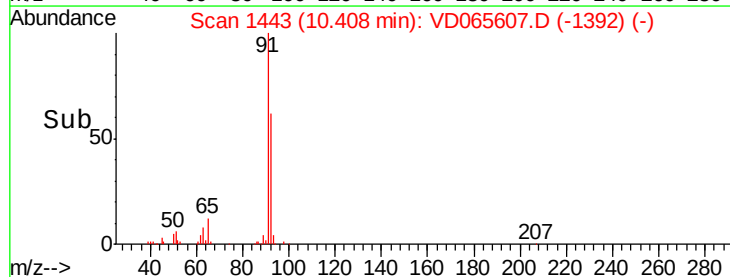
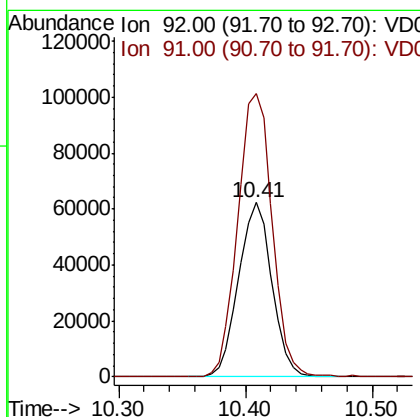
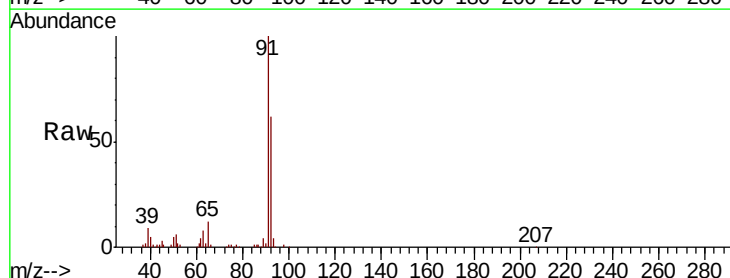
Instrument :
 MSVOA_D
 ClientSampleId :

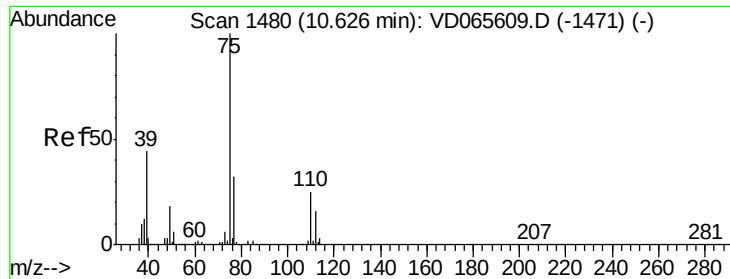
Tot Ion: 43 Resp: 108736
 Ion Ratio Lower Upper
 43 100
 58 38.4 31.4 47.2



#52
 Toluene
 Concen: 9.220 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

Tgt Ion: 92 Resp: 114202
 Ion Ratio Lower Upper
 92 100
 91 167.3 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 9.076 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

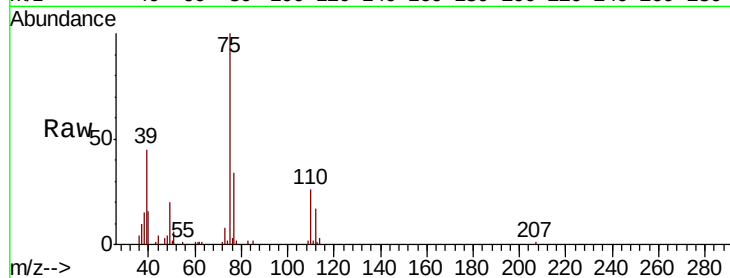
ClientSampleId :

Tot Ion: 75 Resp: 54161

Ion Ratio Lower Upper

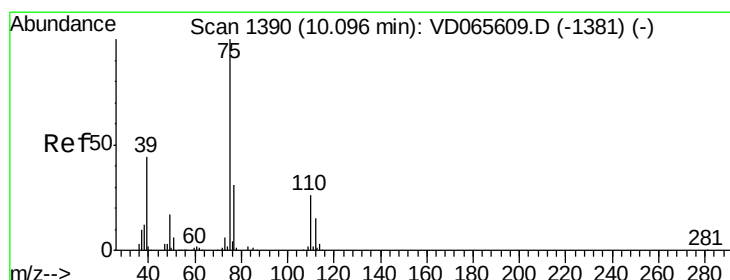
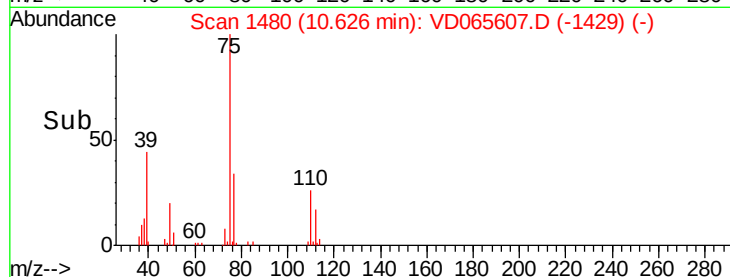
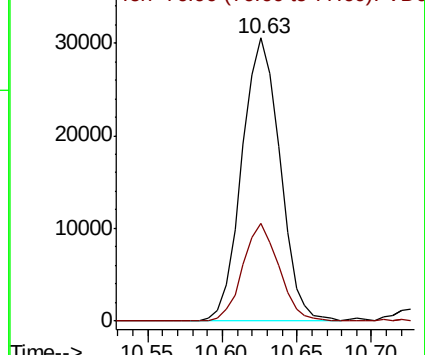
75 100

77 34.4 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 9.460 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

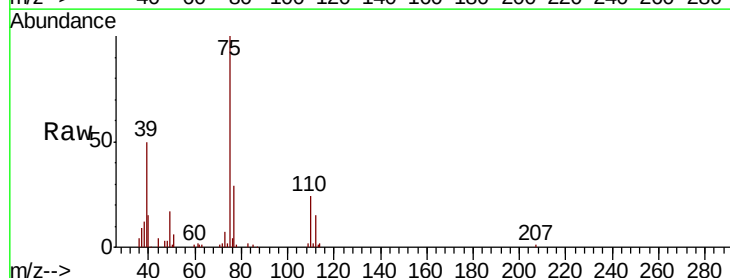
Tgt Ion: 75 Resp: 69123

Ion Ratio Lower Upper

75 100

77 29.4 24.5 36.7

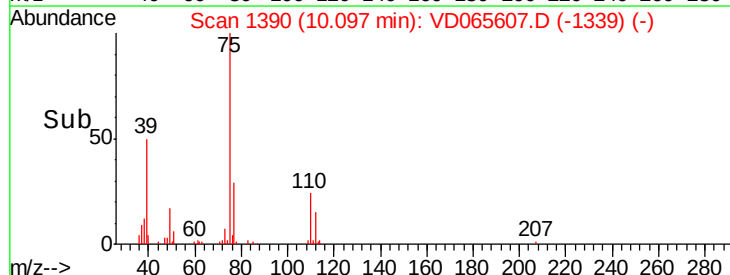
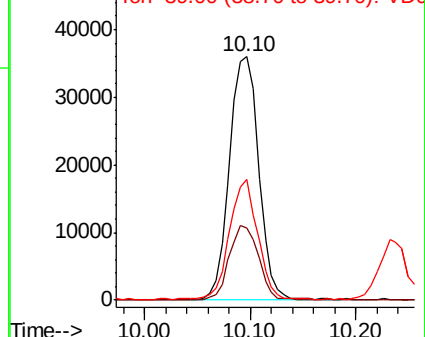
39 49.1 35.5 53.3

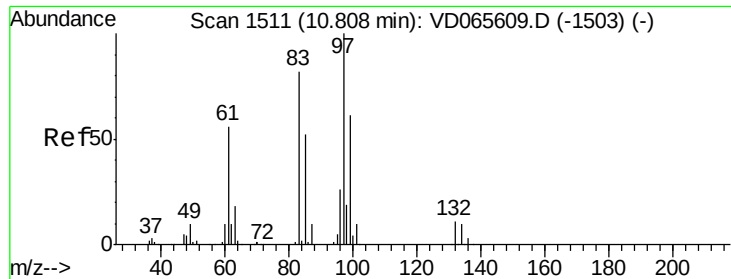


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

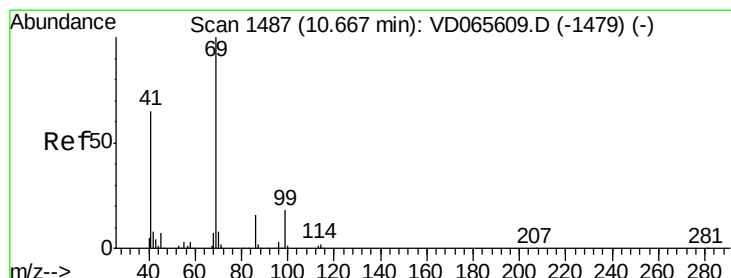
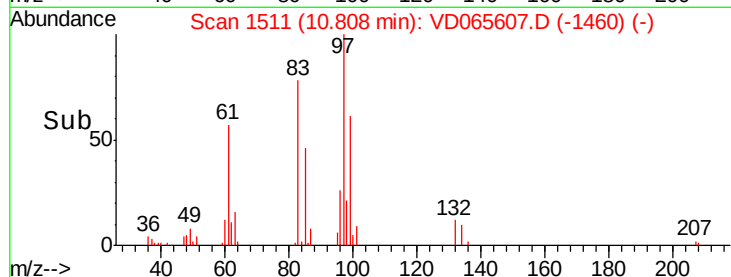
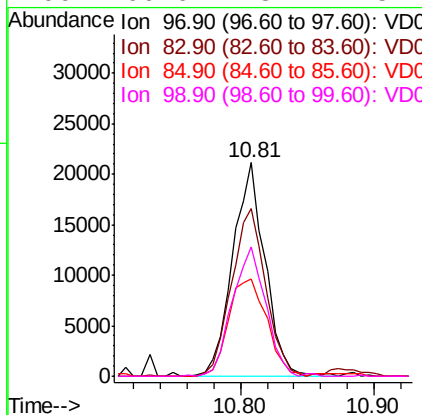
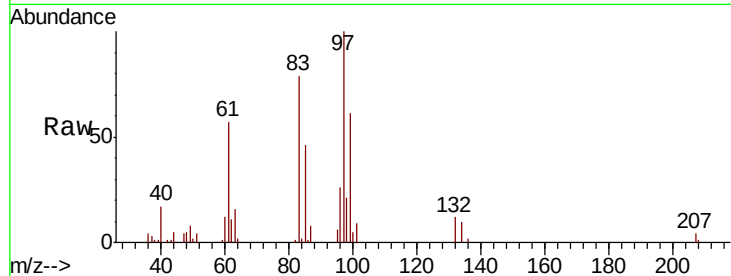




#55
 1,1,2-Trichloroethane
 Concen: 9.948 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

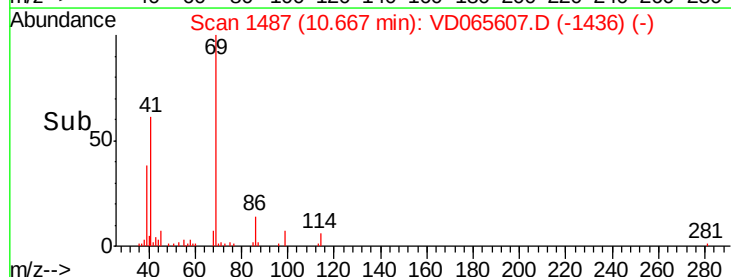
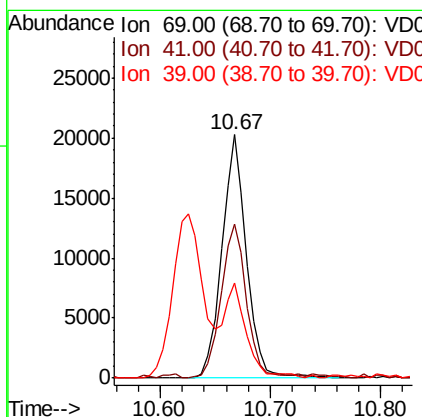
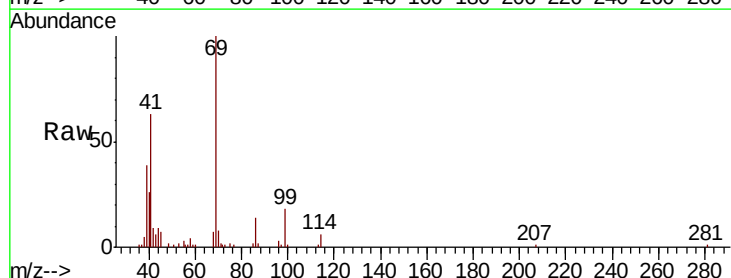
Instrument :
 MSVOA_D
 ClientSampleId :

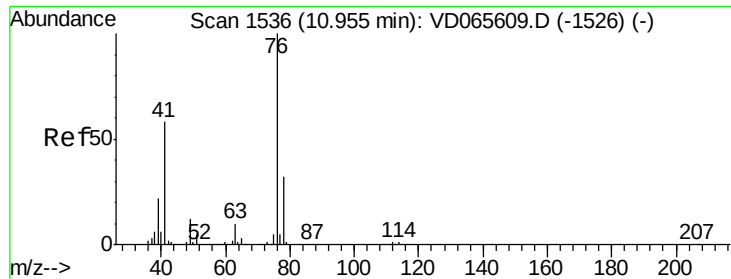
Tot Ion:	97	Resp:	35792
Ion	Ratio	Lower	Upper
97	100		
83	78.7	65.7	98.5
85	45.8	41.6	62.4
99	60.6	48.7	73.1



#56
 Ethyl methacrylate
 Concen: 8.659 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

Tgt Ion:	69	Resp:	31422
Ion	Ratio	Lower	Upper
69	100		
41	65.0	54.4	81.6
39	36.6	26.5	39.7





#57

1,3-Dichloropropane

Concen: 9.453 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.01 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

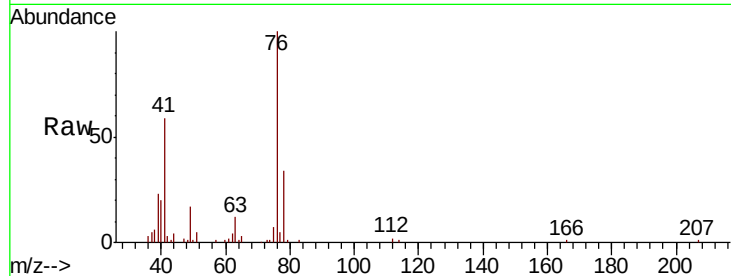
ClientSampled :

Tot Ion: 76 Resp: 56335

Ion Ratio Lower Upper

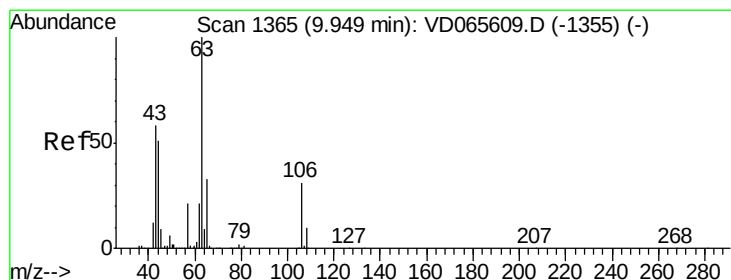
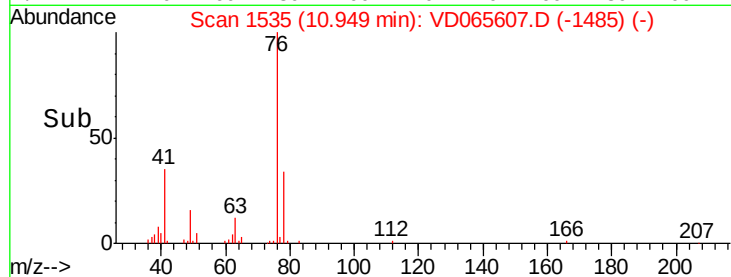
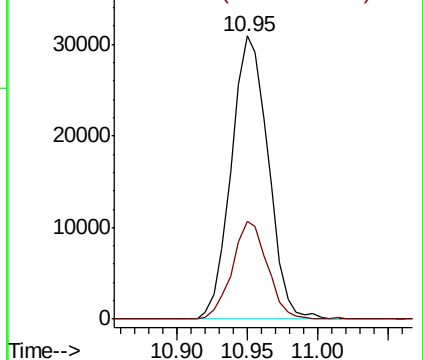
76 100

78 32.9 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 45.096 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065607.D

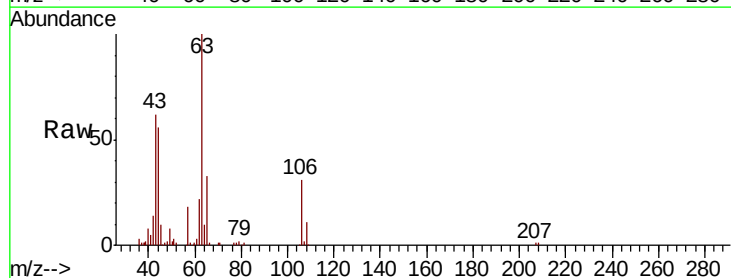
Acq: 09 Apr 2020 11:07

Tgt Ion: 63 Resp: 85939

Ion Ratio Lower Upper

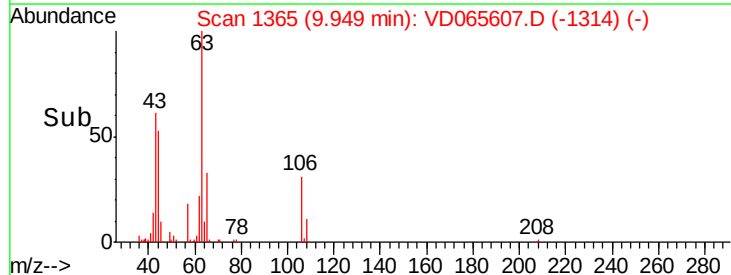
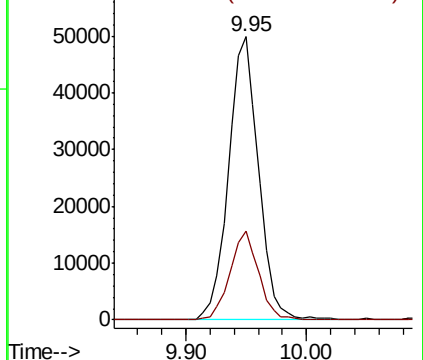
63 100

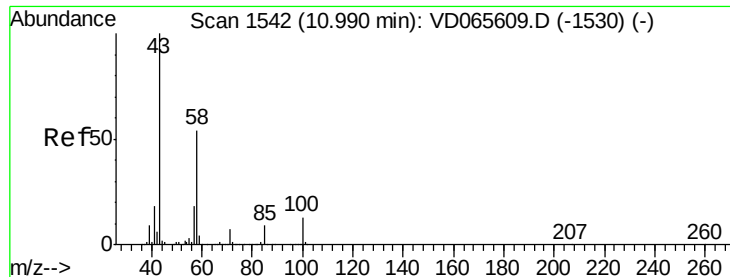
106 30.1 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

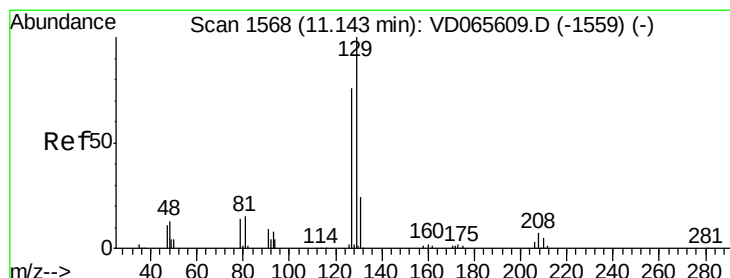
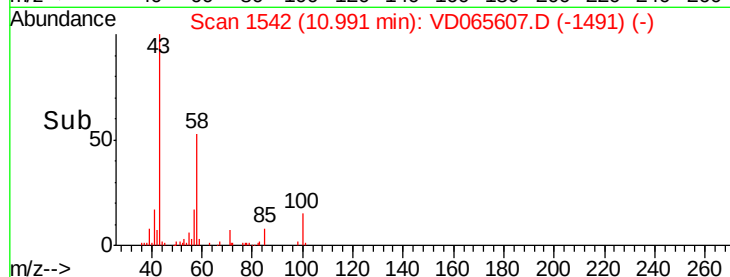
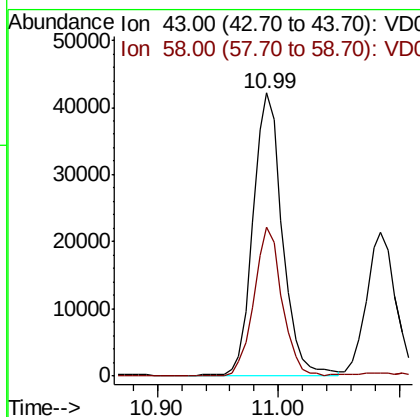
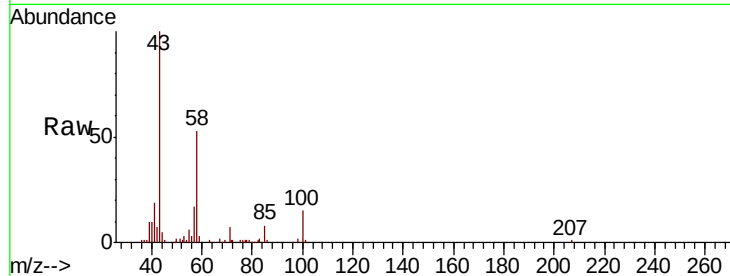




#59
2-Hexanone
Concen: 45.002 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

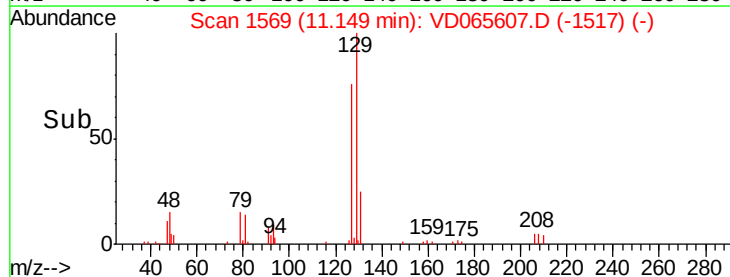
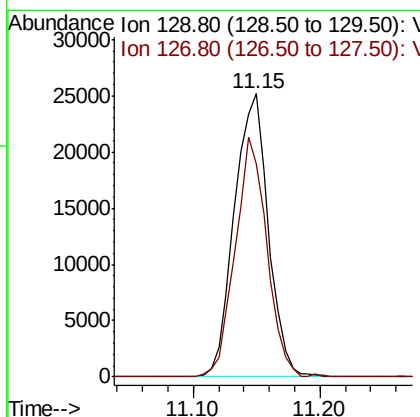
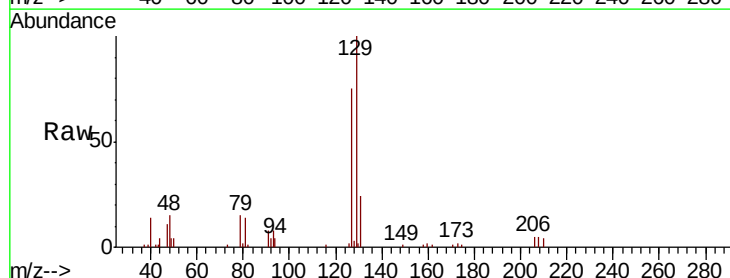
Instrument :
MSVOA_D
ClientSampleId :

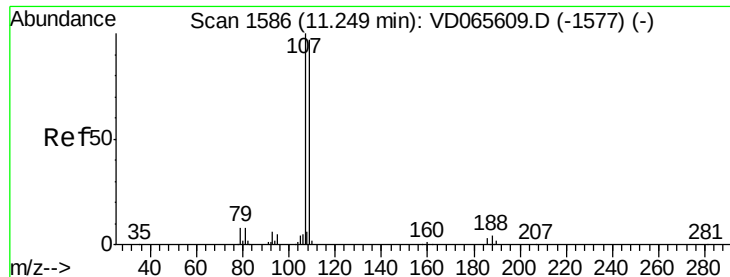
Tot Ion: 43 Resp: 71586
Ion Ratio Lower Upper
43 100
58 50.4 27.1 81.3



#60
Dibromochloromethane
Concen: 9.761 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion: 129 Resp: 46775
Ion Ratio Lower Upper
129 100
127 78.2 38.1 114.3

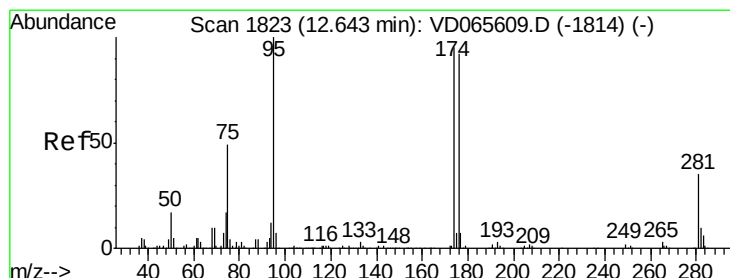
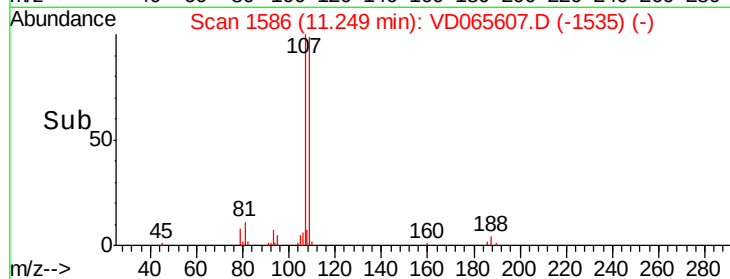
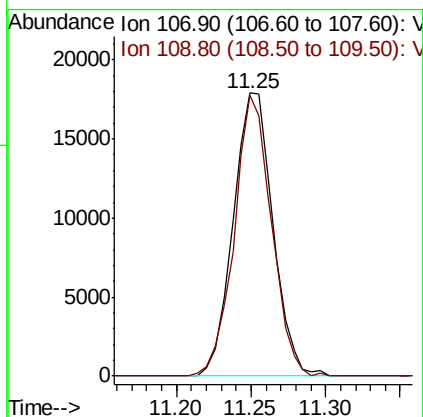
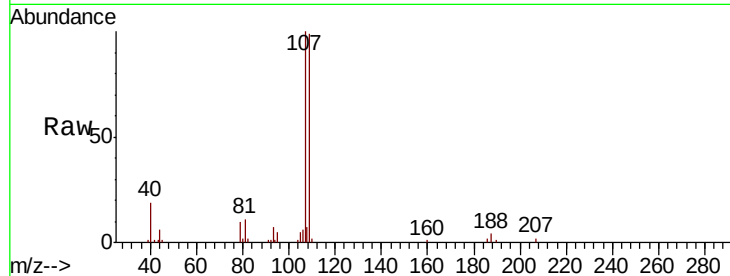




#61
 1,2-Dibromoethane
 Concen: 9.664 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

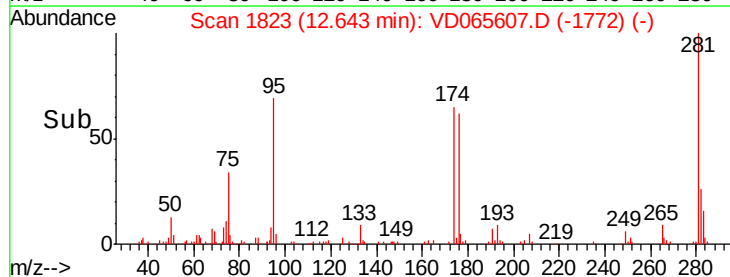
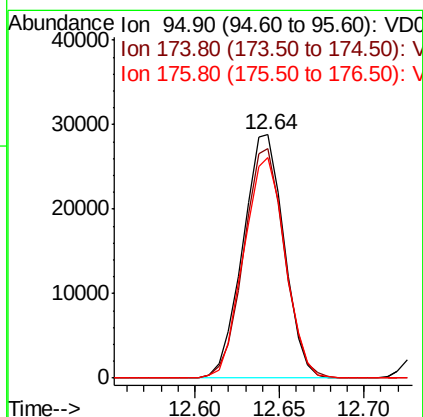
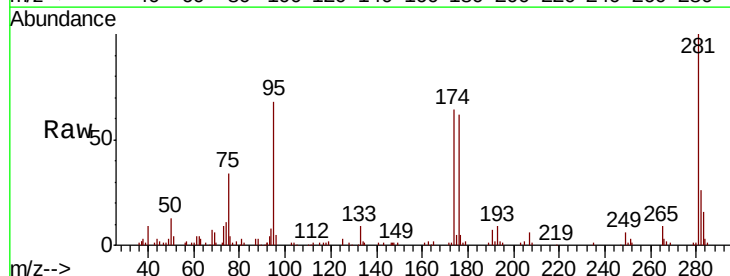
Instrument :
 MSVOA_D
 ClientSampleId :

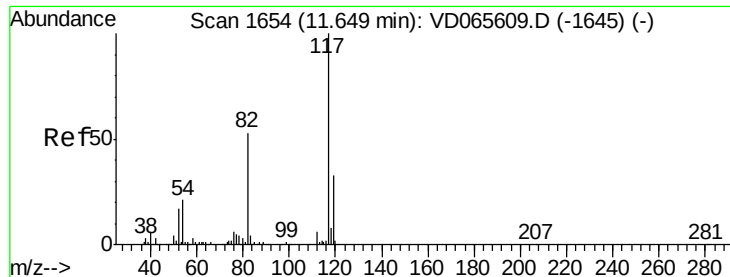
Tot Ion: 107 Resp: 33054
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 8.956 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

Tgt Ion: 95 Resp: 48895
 Ion Ratio Lower Upper
 95 100
 174 93.2 0.0 182.8
 176 91.5 0.0 176.6

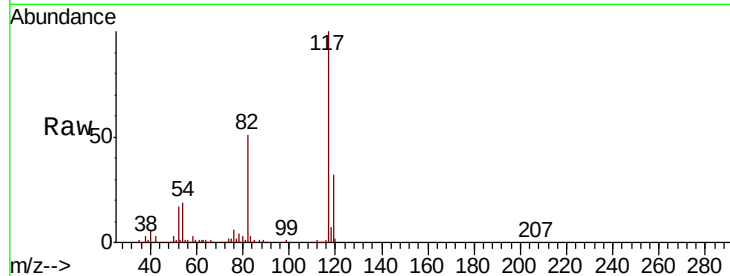




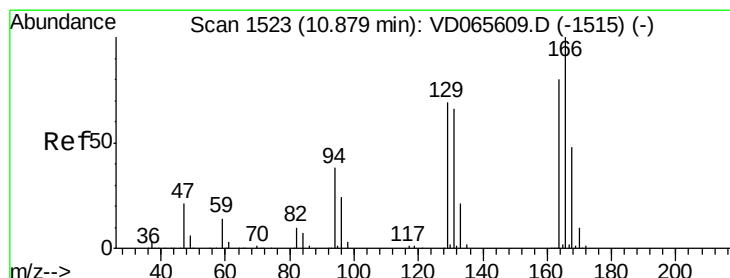
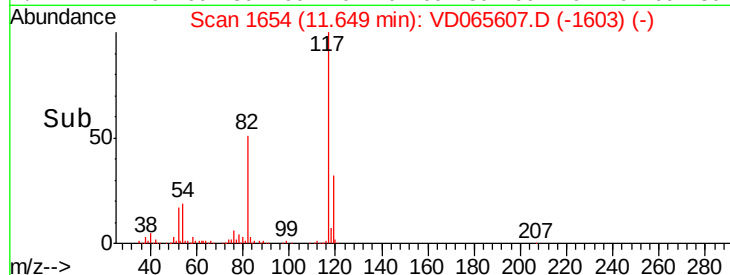
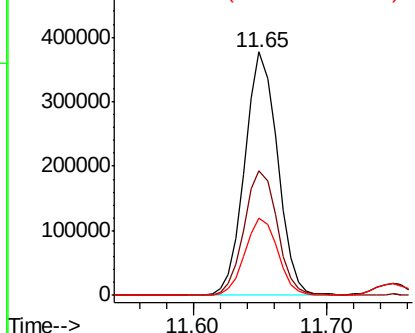
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 638625
Ion Ratio Lower Upper
117 100
82 51.2 42.6 64.0
119 31.8 26.7 40.1

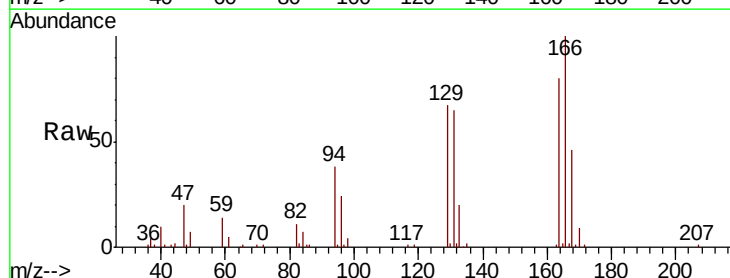


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

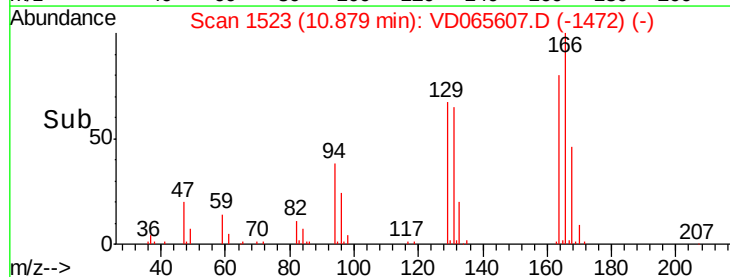
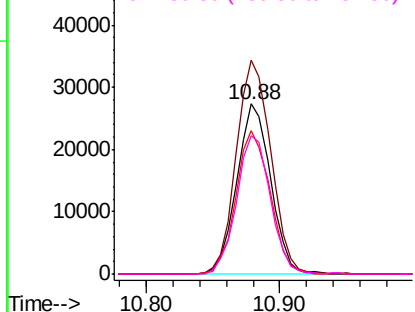


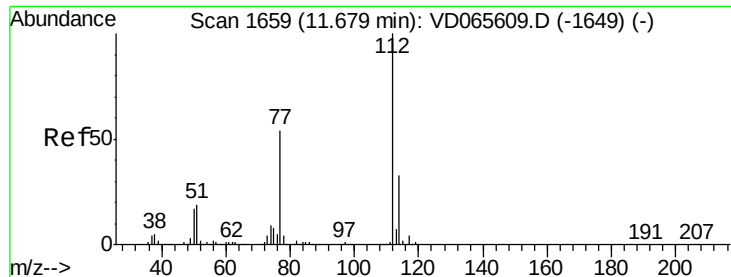
#64
Tetrachloroethene
Concen: 9.429 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion:164 Resp: 47895
Ion Ratio Lower Upper
164 100
166 125.7 100.2 150.2
129 84.4 69.5 104.3
131 81.5 65.8 98.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

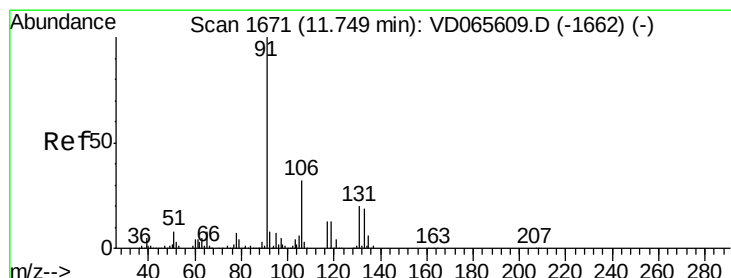
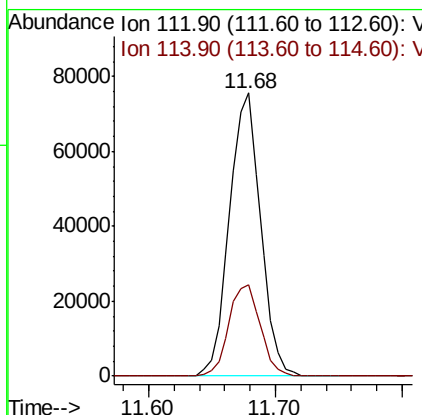
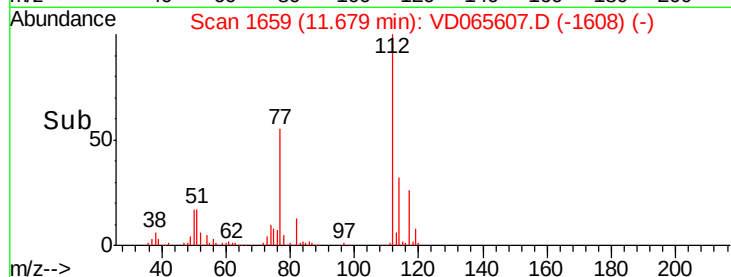
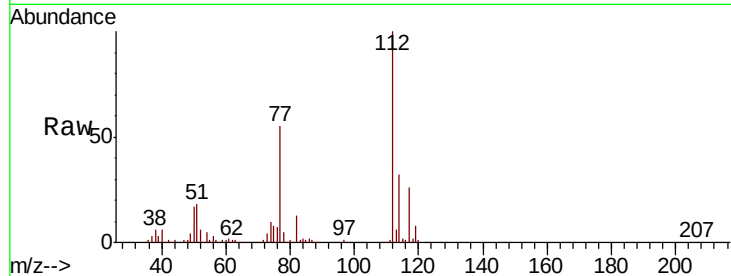




#65
Chlorobenzene
Concen: 9.296 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

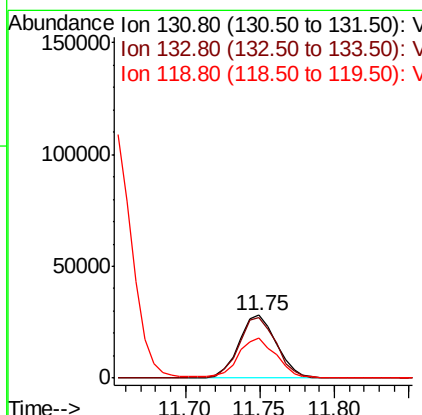
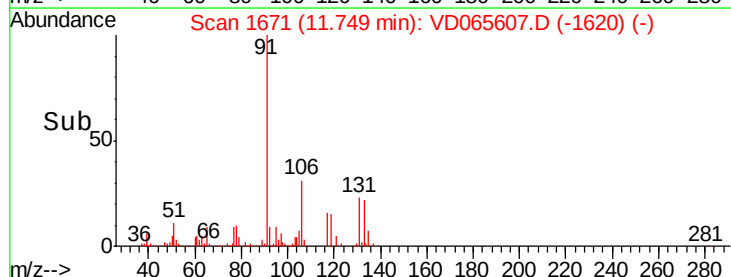
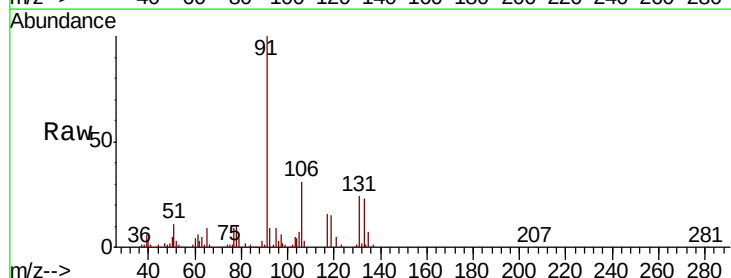
Instrument :
MSVOA_D
ClientSampleId :

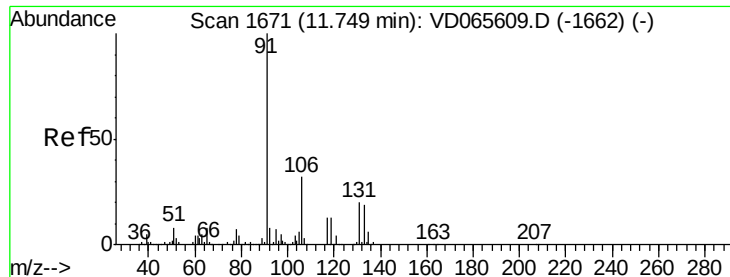
Tot Ion:112 Resp: 128567
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 9.286 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion:131 Resp: 48925
Ion Ratio Lower Upper
131 100
133 96.6 47.3 142.0
119 65.2 31.9 95.9





#67

Ethyl Benzene

Concen: 8.725 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

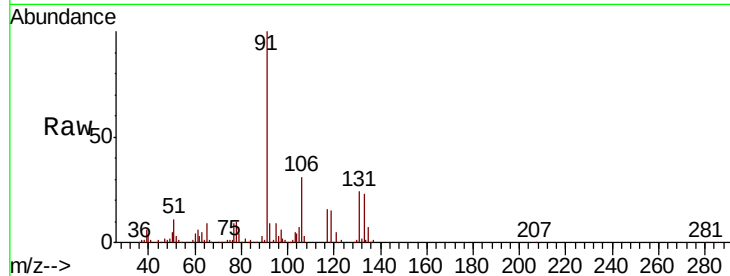
ClientSampleId :

Tot Ion: 91 Resp: 199272

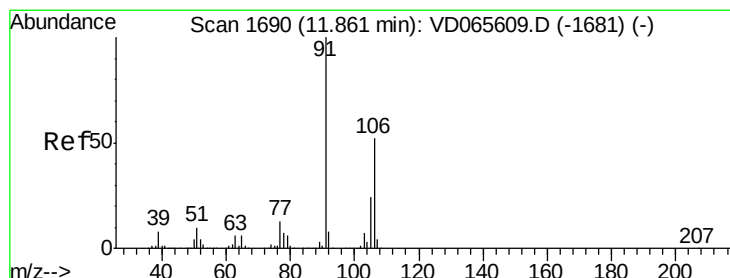
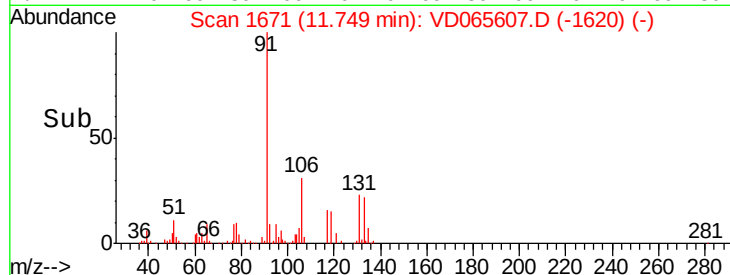
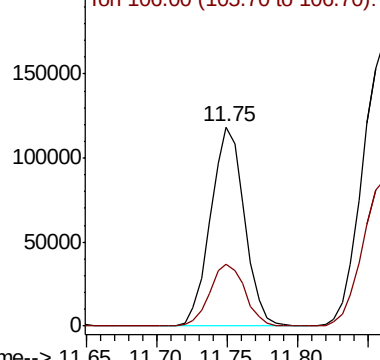
Ion Ratio Lower Upper

91 100

106 31.2 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 17.828 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065607.D

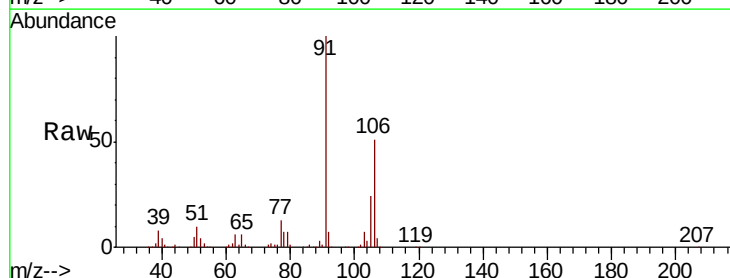
Acq: 09 Apr 2020 11:07

Tgt Ion: 106 Resp: 160636

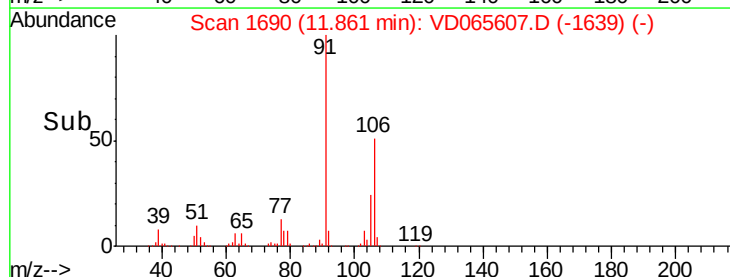
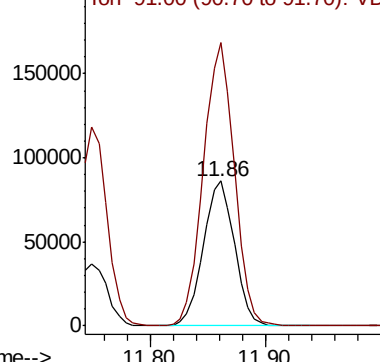
Ion Ratio Lower Upper

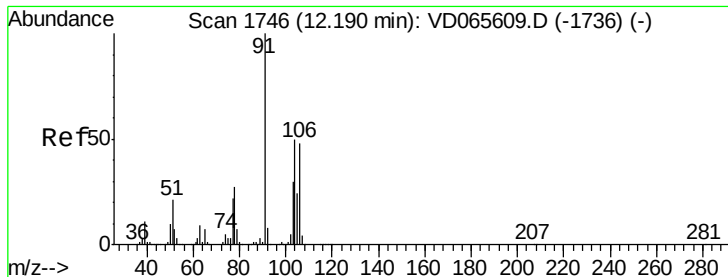
106 100

91 195.7 155.0 232.4



Abundance Ion 106.00 (105.70 to 106.70): V

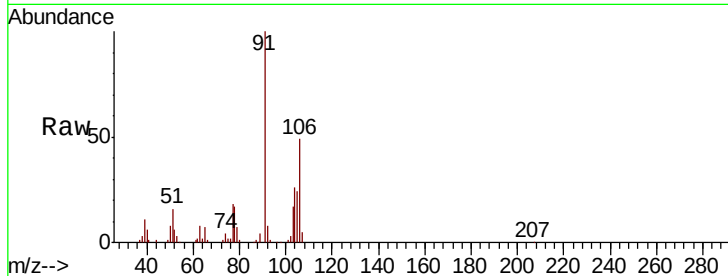




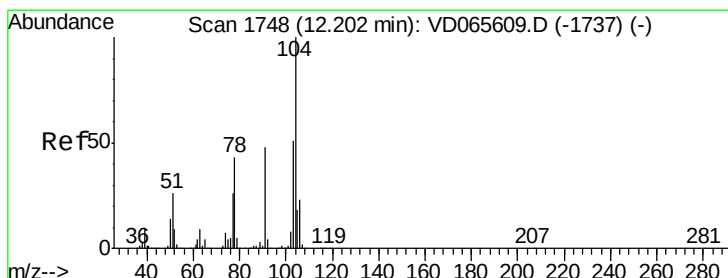
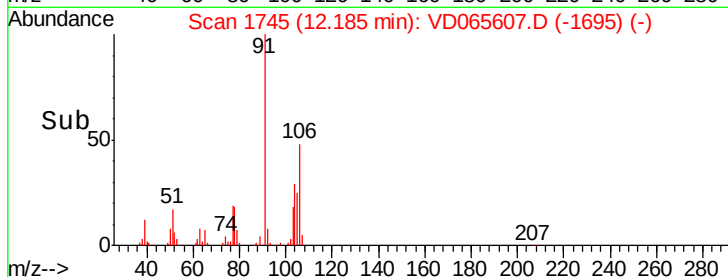
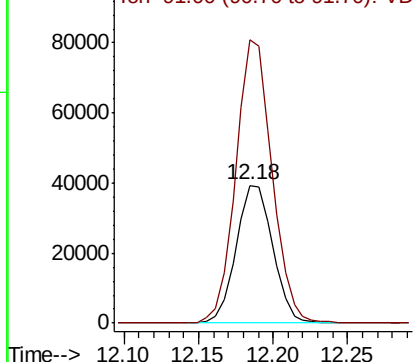
#69
o-Xylene
Concen: 8.616 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 66898
Ion Ratio Lower Upper
106 100
91 204.0 103.8 311.3

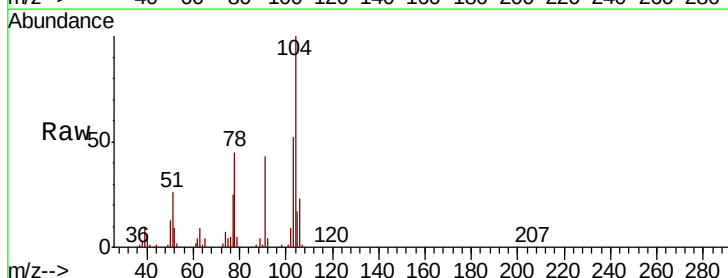


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

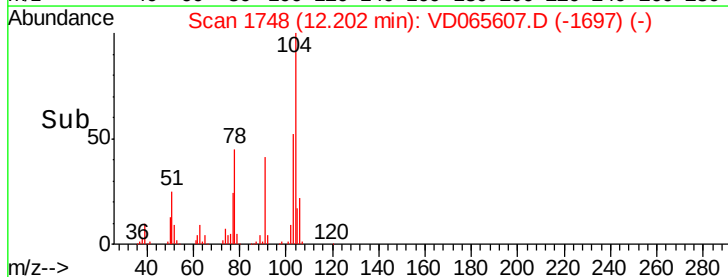
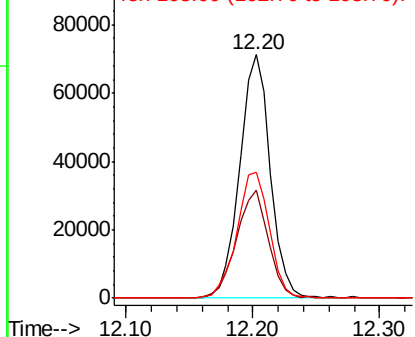


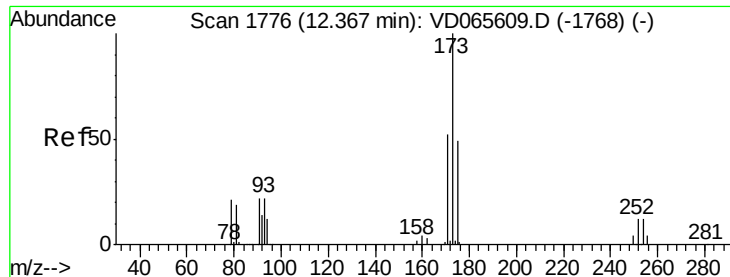
#70
Styrene
Concen: 8.659 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion:104 Resp: 118863
Ion Ratio Lower Upper
104 100
78 46.6 37.1 55.7
103 55.3 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 9.624 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

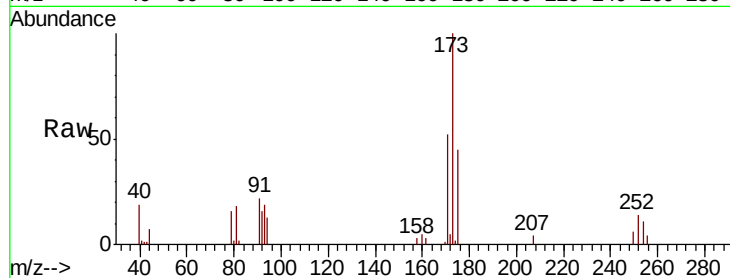
Tot Ion:173 Resp: 28439

Ion Ratio Lower Upper

173 100

175 48.1 24.5 73.5

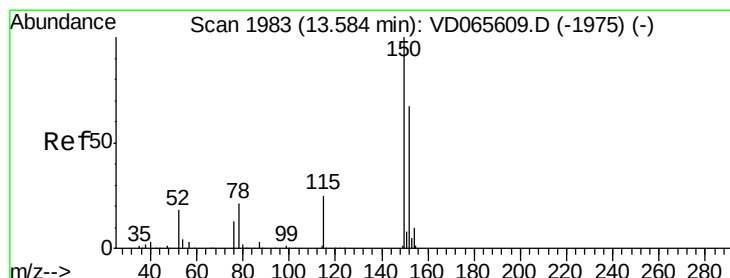
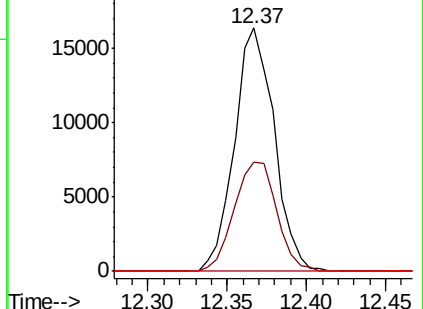
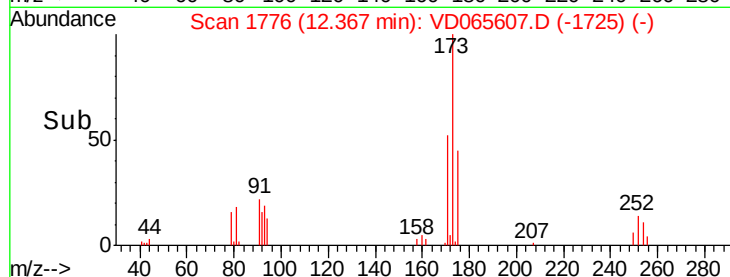
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

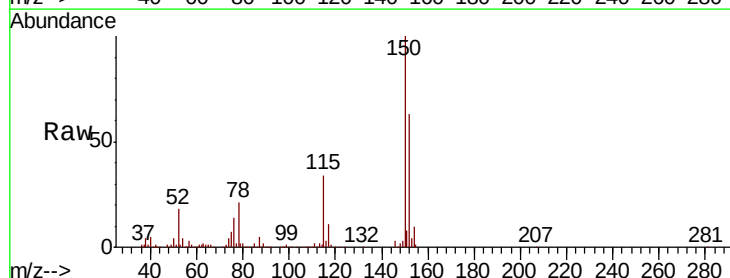
Tgt Ion:152 Resp: 329205

Ion Ratio Lower Upper

152 100

115 53.9 27.1 81.2

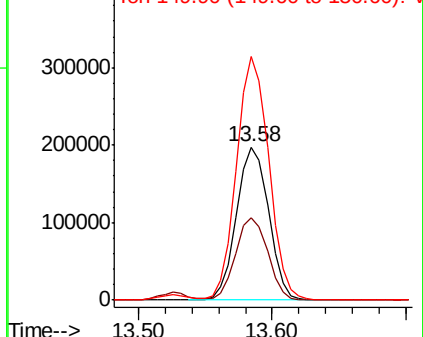
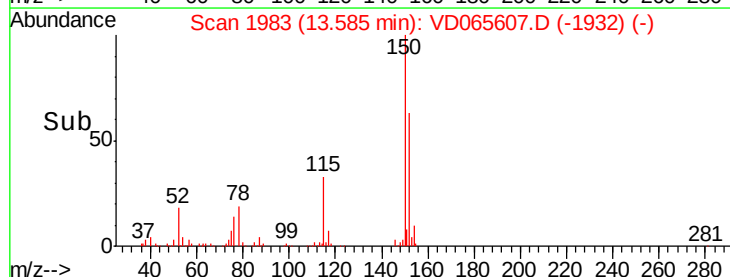
150 160.1 0.0 348.2

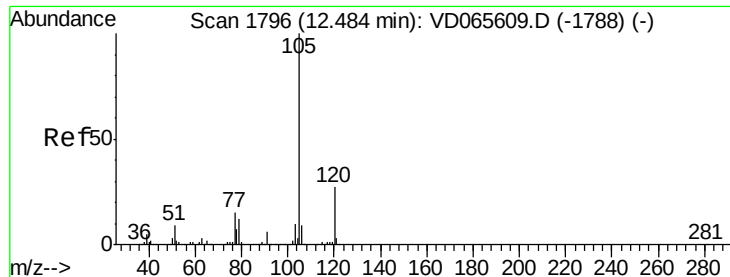


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 8.630 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

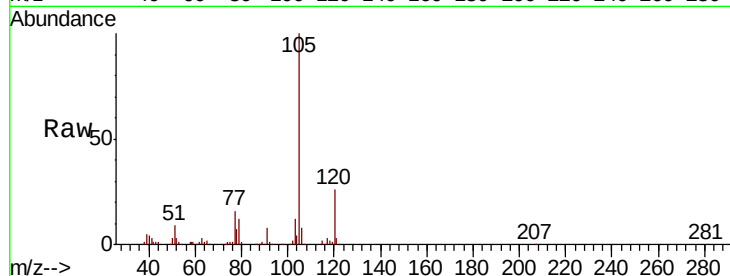
ClientSampleId :

Tot Ion:105 Resp: 181026

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

20000

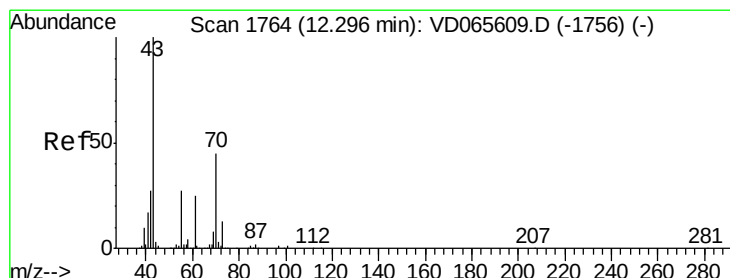
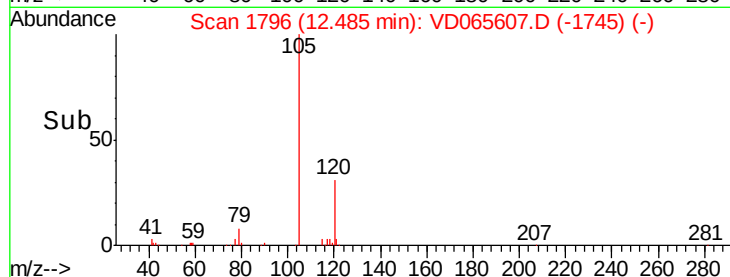
0

12.40

12.48

12.50

Time-->



#74

N-ethyl acetate

Concen: 9.001 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Tgt Ion: 43 Resp: 37390

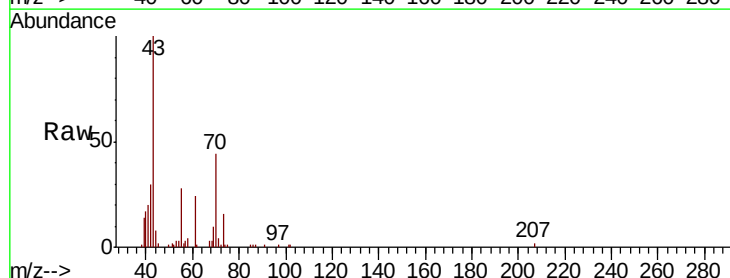
Ion Ratio Lower Upper

43 100

70 44.1 35.2 52.8

55 28.7 22.5 33.7

61 23.2 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

30000

20000

10000

0

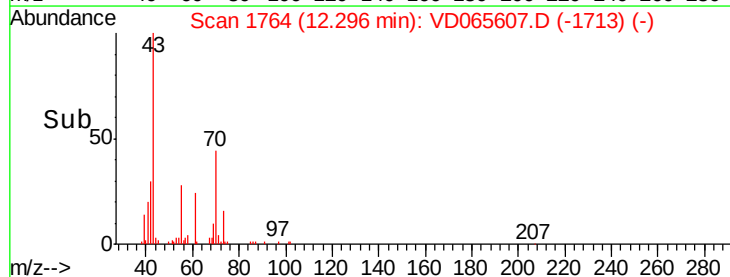
12.20

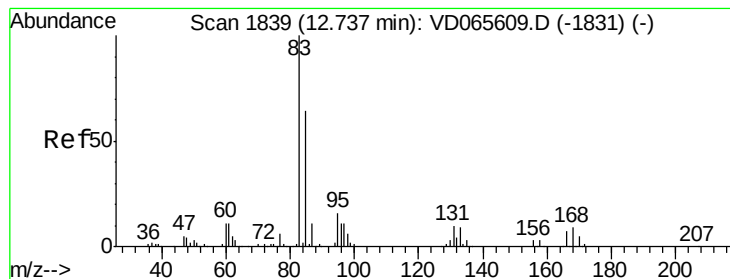
12.25

12.30

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 9.819 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

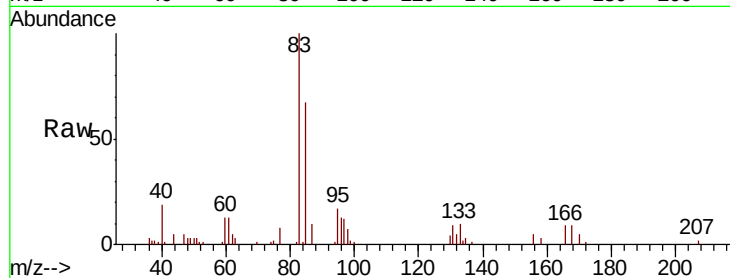
Tot Ion: 83 Resp: 37860

Ion Ratio Lower Upper

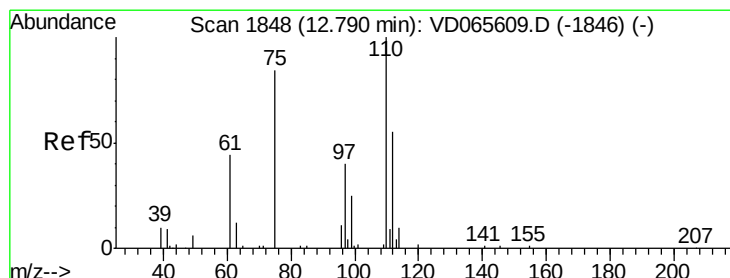
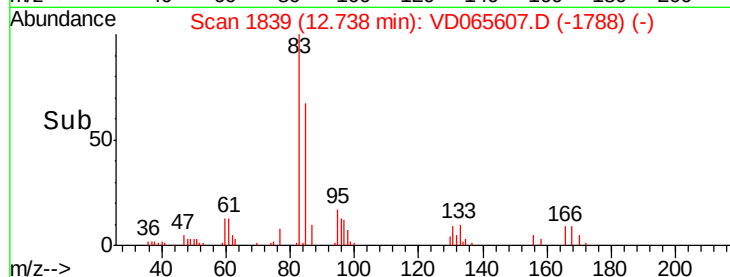
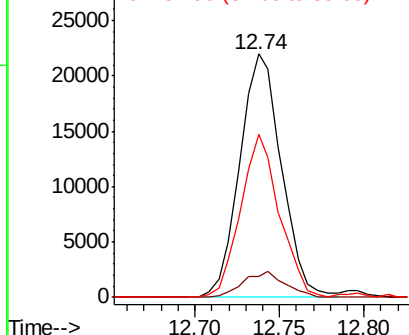
83 100

131 10.8 5.7 17.0

85 62.0 31.8 95.4



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



#76

1,2,3-Trichloropropane

Concen: 10.337 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065607.D

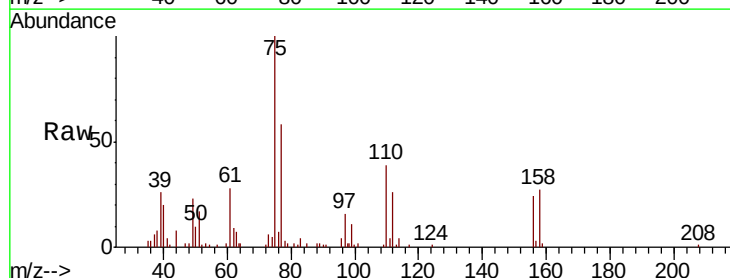
Acq: 09 Apr 2020 11:07

Tgt Ion: 75 Resp: 45722

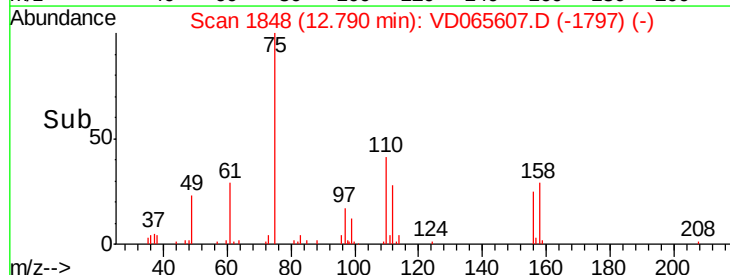
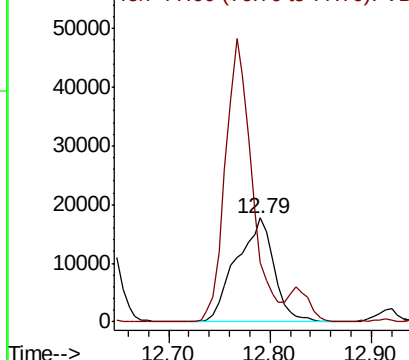
Ion Ratio Lower Upper

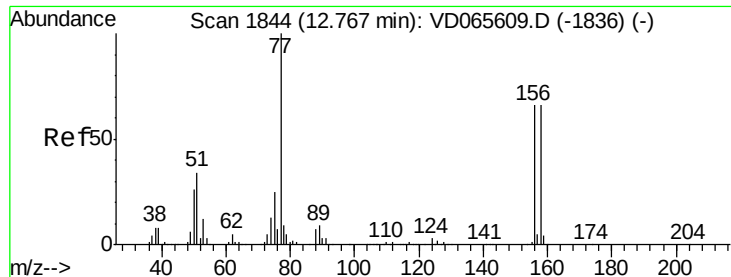
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 9.167 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

ClientSampled :

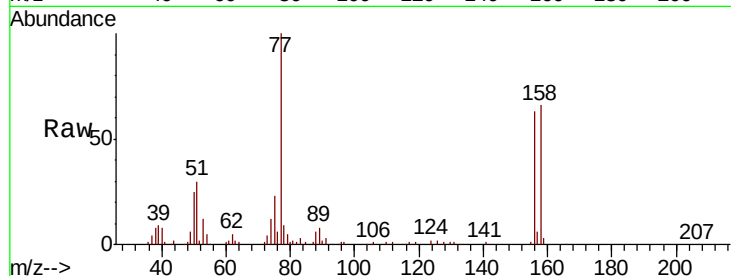
Tot Ion:156 Resp: 52717

Ion Ratio Lower Upper

156 100

77 166.3 80.3 240.9

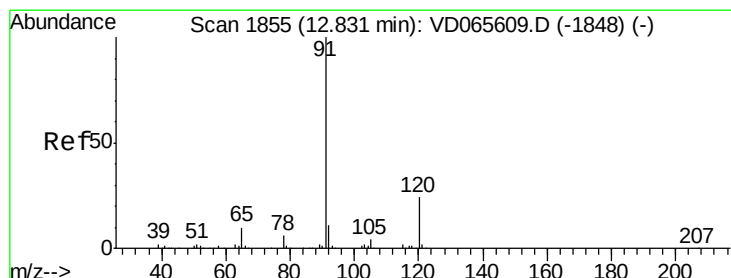
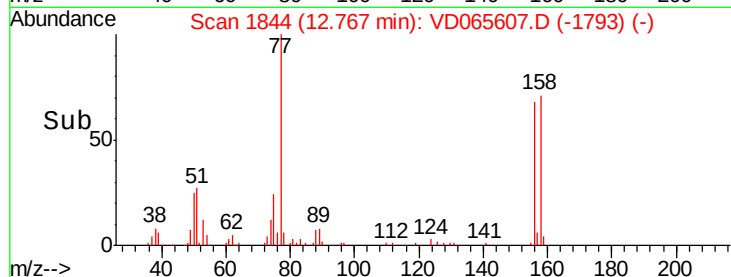
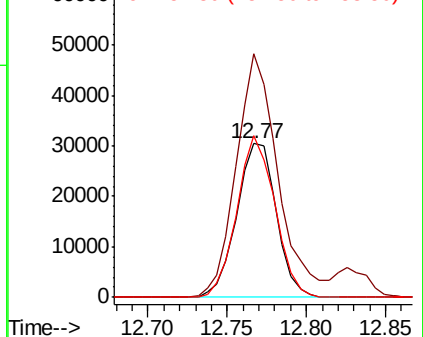
158 100.7 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 8.906 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VD065607.D

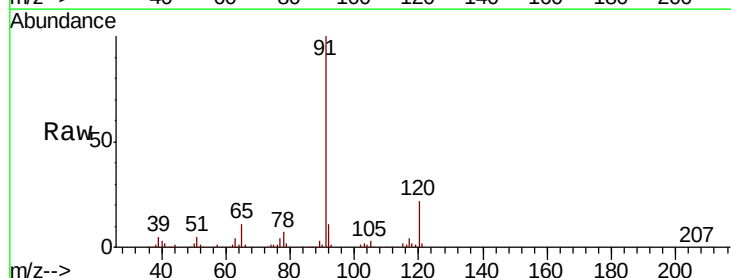
Acq: 09 Apr 2020 11:07

Tgt Ion: 91 Resp: 225460

Ion Ratio Lower Upper

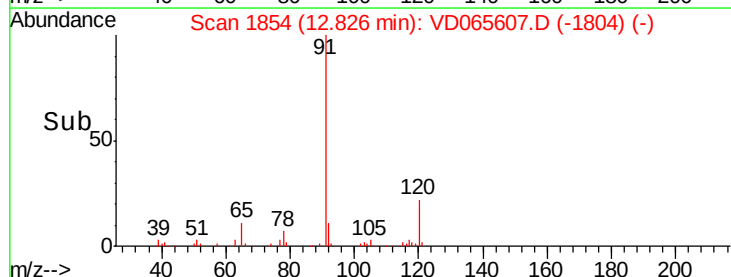
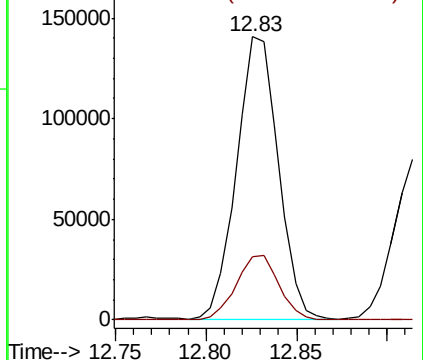
91 100

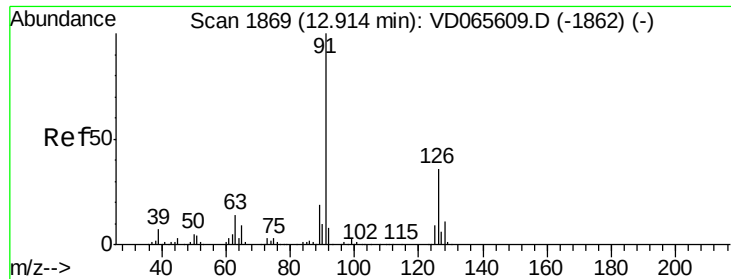
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

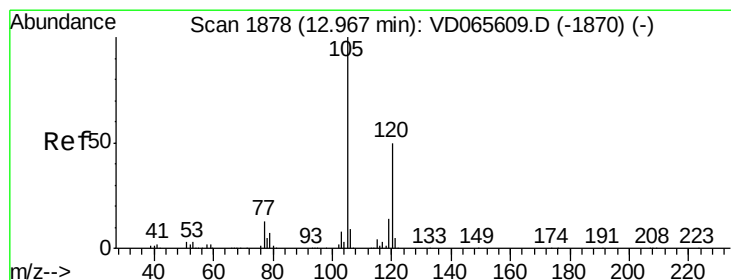
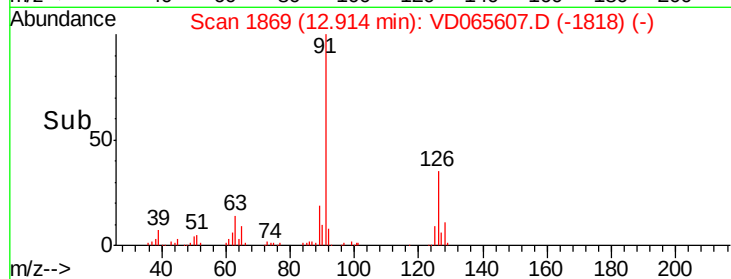
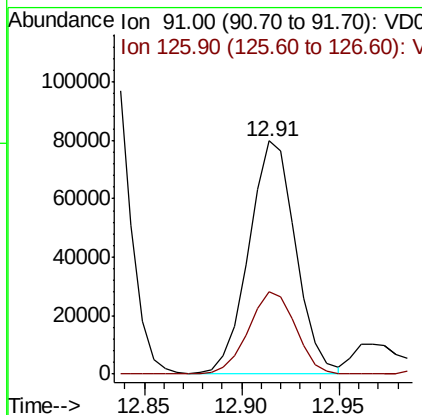
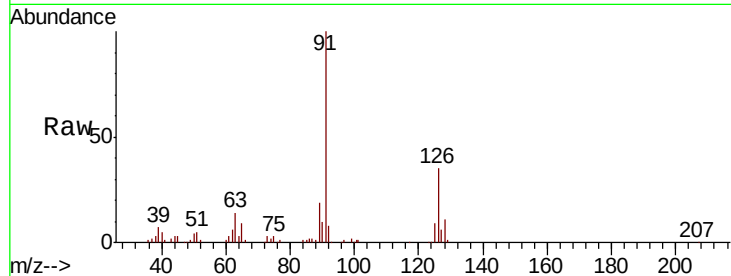




#79
 2-Chlorotoluene
 Concen: 9.121 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

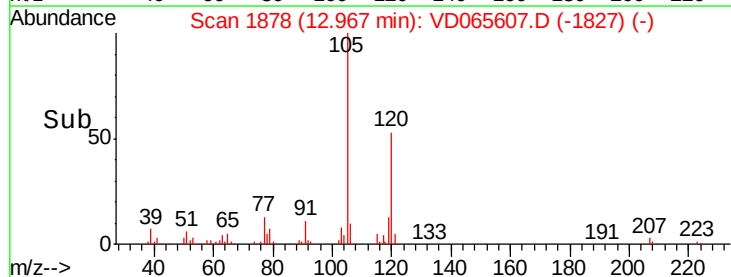
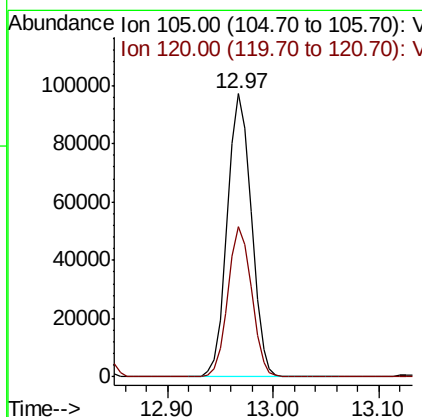
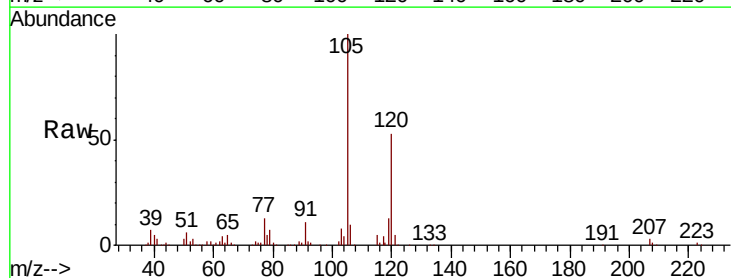
Instrument :
 MSVOA_D
 ClientSampleId :

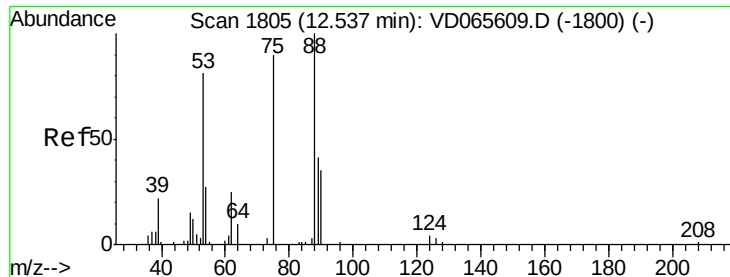
Tot Ion: 91 Resp: 132338
 Ion Ratio Lower Upper
 91 100
 126 35.4 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 8.670 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

Tgt Ion: 105 Resp: 153276
 Ion Ratio Lower Upper
 105 100
 120 52.1 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 8.809 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

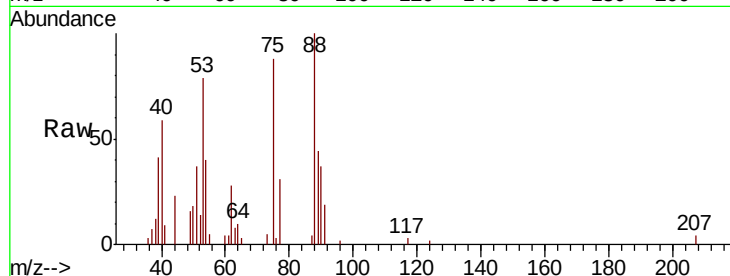
Tot Ion: 75 Resp: 10041

Ion Ratio Lower Upper

75 100

53 102.0 73.8 110.8

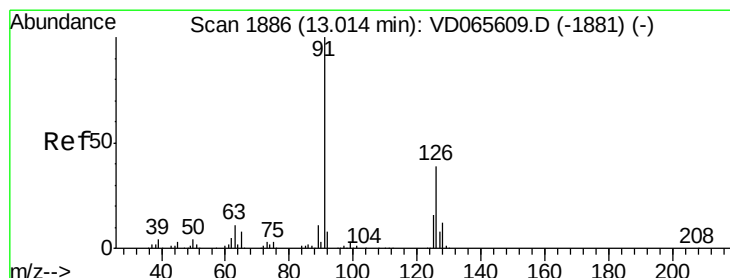
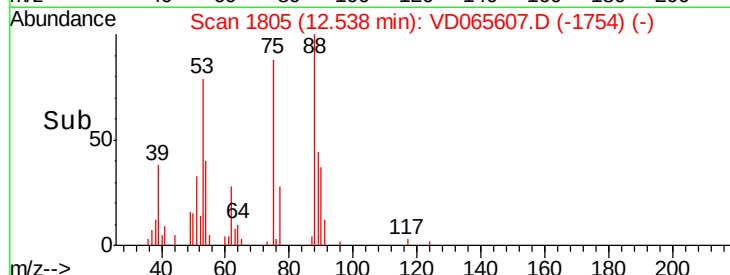
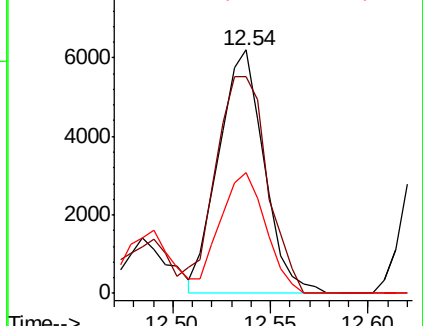
89 50.2 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 9.195 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065607.D

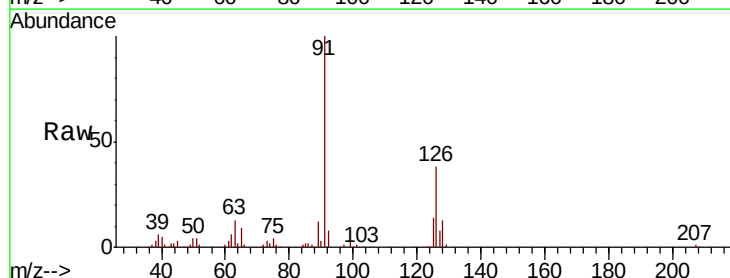
Acq: 09 Apr 2020 11:07

Tgt Ion: 91 Resp: 143591

Ion Ratio Lower Upper

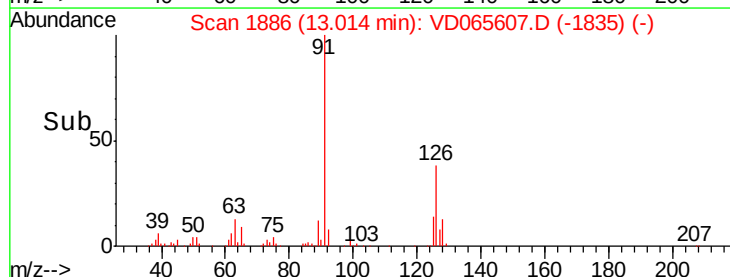
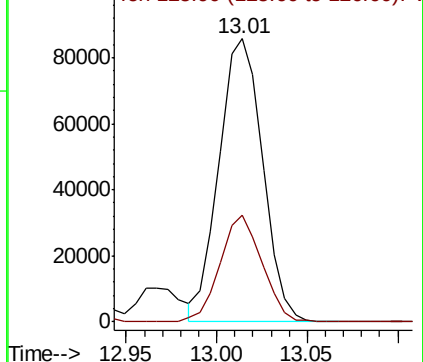
91 100

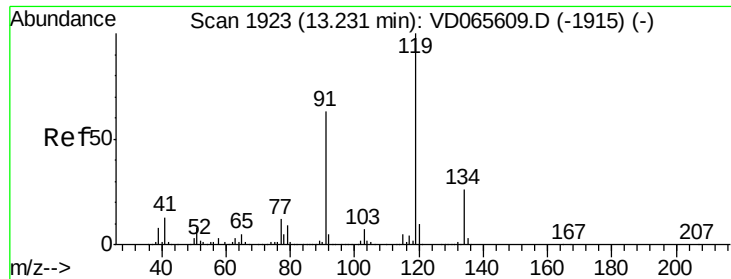
126 36.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

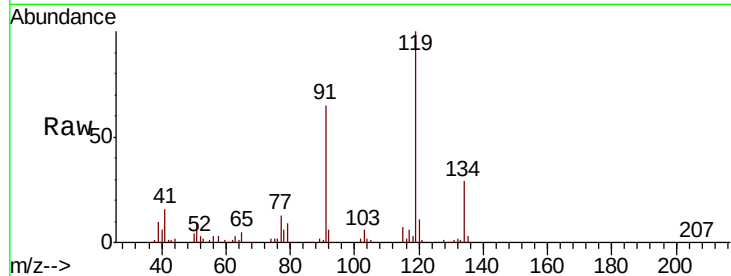




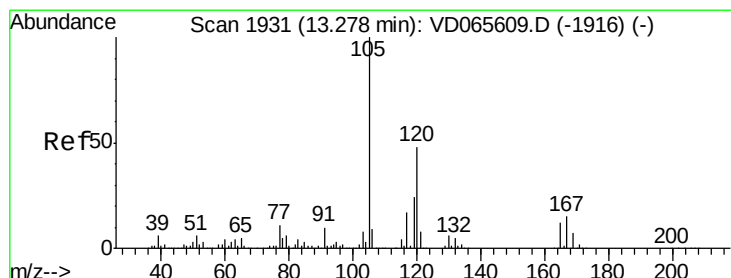
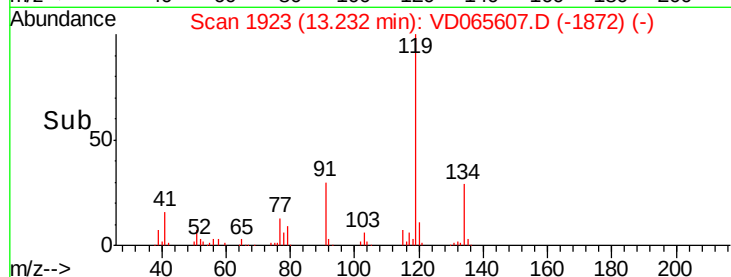
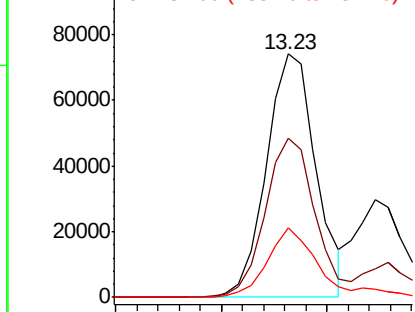
#83
tert-Butylbenzene
Concen: 8.189 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 121060
Ion Ratio Lower Upper
119 100
91 66.0 30.4 91.2
134 30.2 13.7 41.0

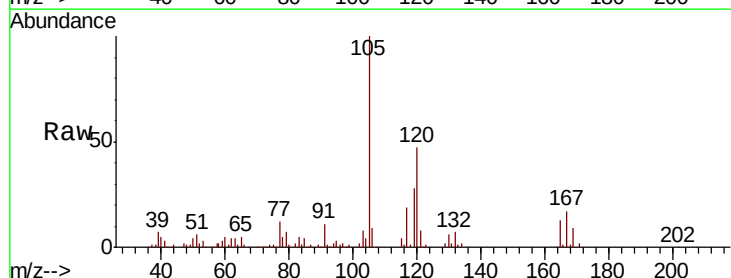


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

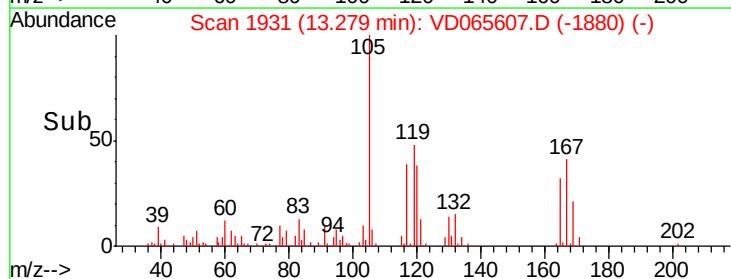
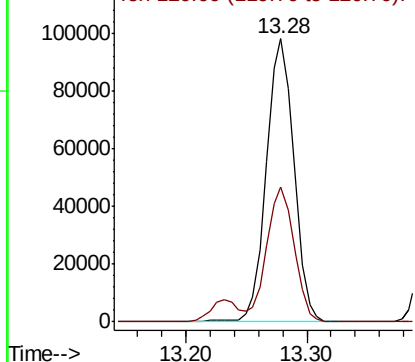


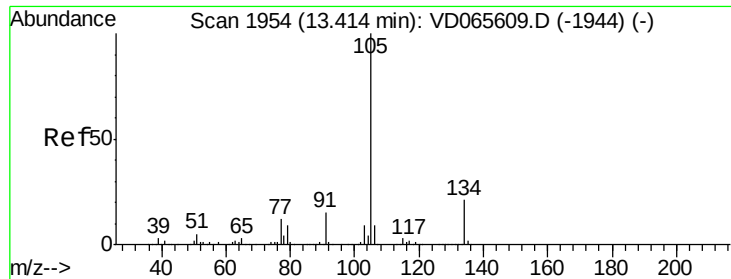
#84
1,2,4-Trimethylbenzene
Concen: 8.783 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion:105 Resp: 154304
Ion Ratio Lower Upper
105 100
120 47.5 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 8.814 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

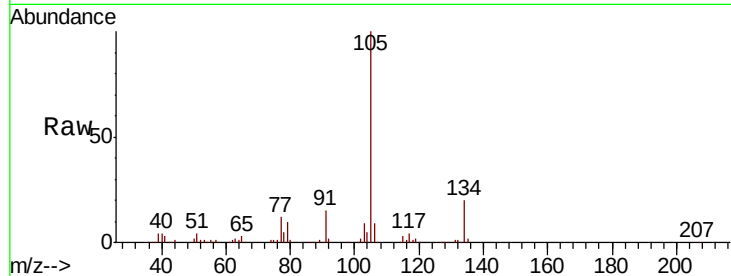
ClientSampled :

Tot Ion:105 Resp: 185408

Ion Ratio Lower Upper

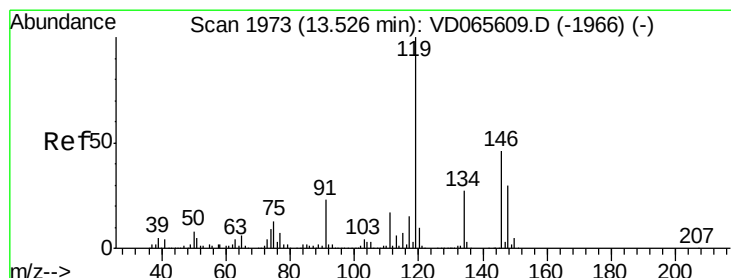
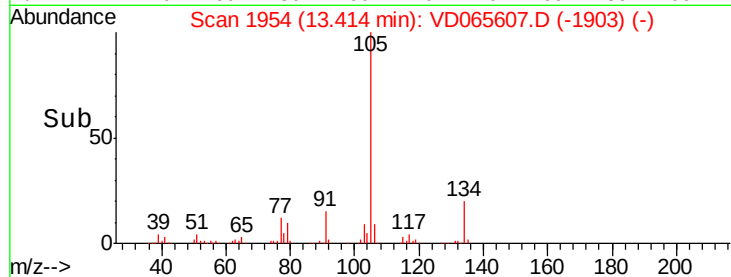
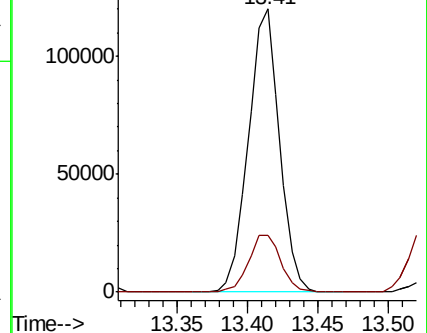
105 100

134 20.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 8.592 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

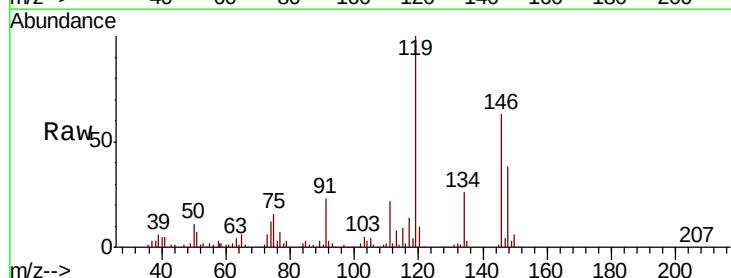
Tgt Ion:119 Resp: 166787

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

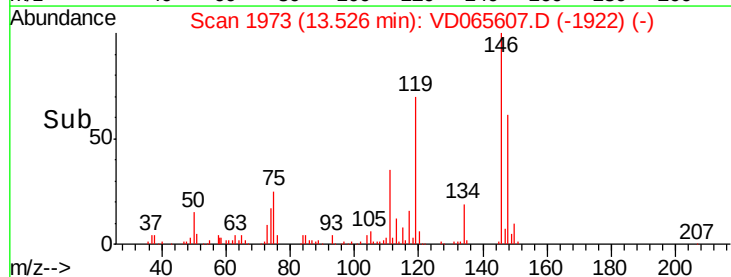
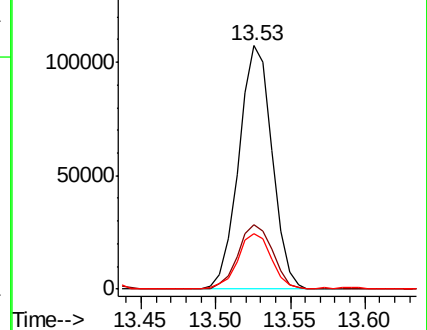
91 23.1 11.1 33.1

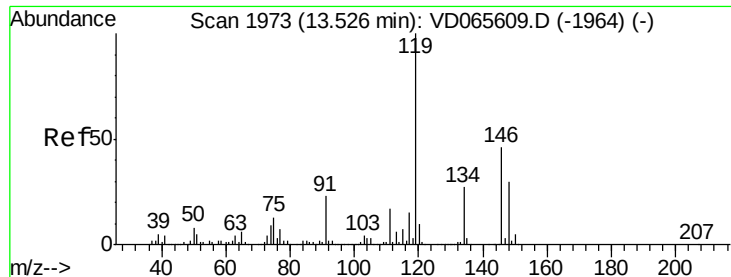


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

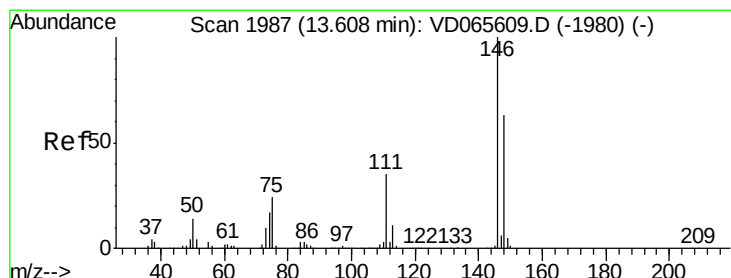
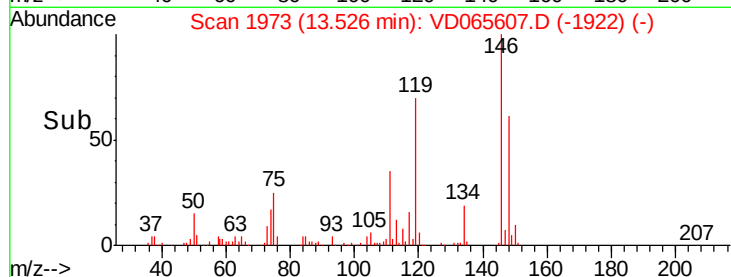
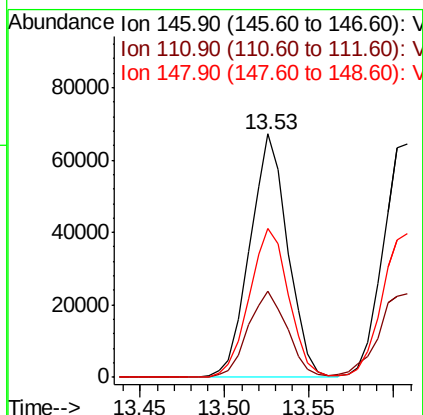
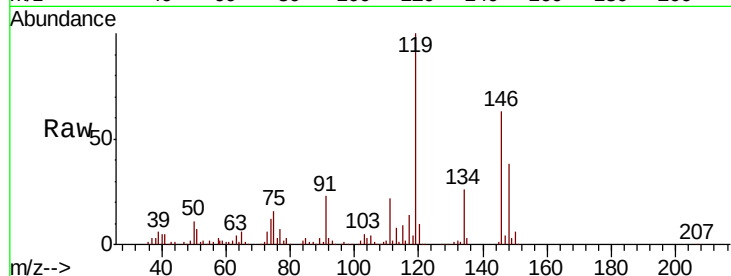




#87
 1,3-Dichlorobenzene
 Concen: 9.427 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

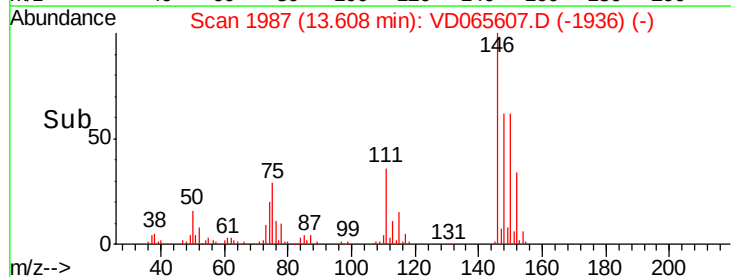
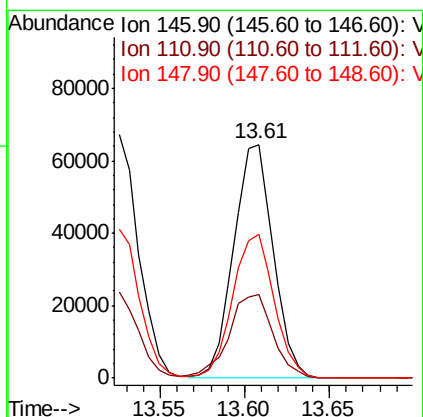
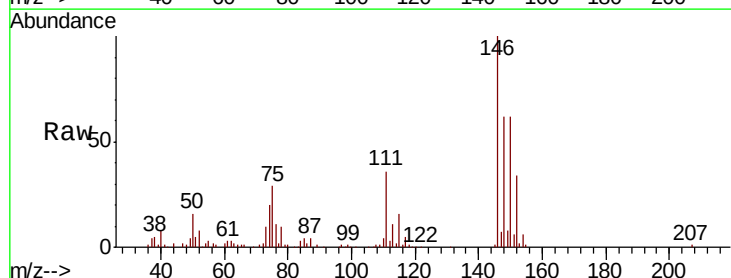
Instrument :
 MSVOA_D
 ClientSampleId :

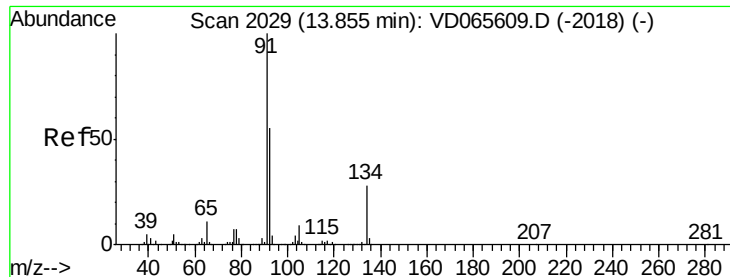
Tot Ion:146 Resp: 104542
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.6 55.8
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 9.507 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

Tgt Ion:146 Resp: 105300
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.0 54.0
 148 64.5 31.8 95.4

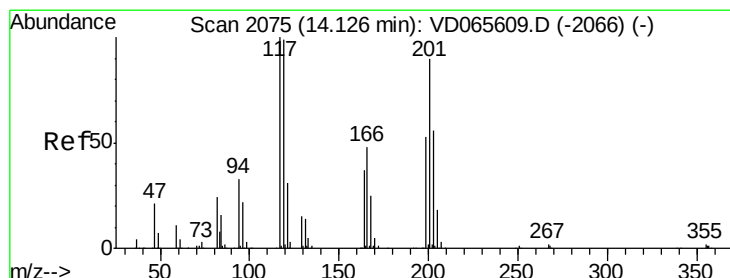
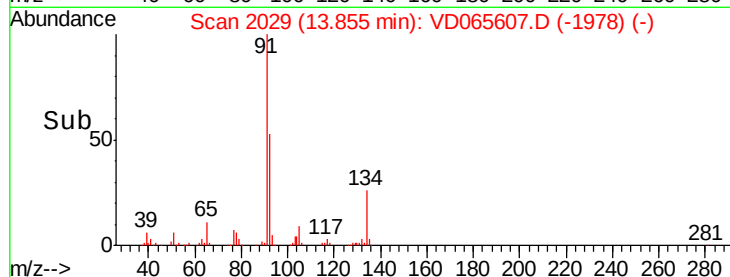
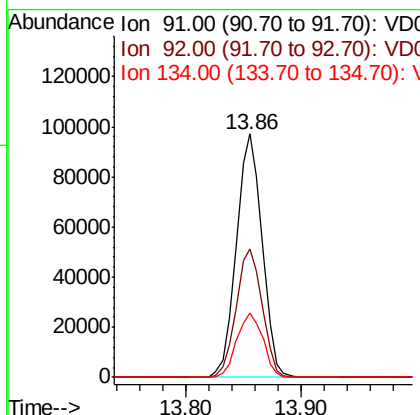
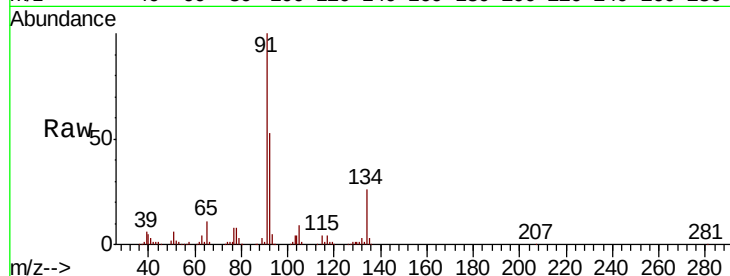




#89
n-Butylbenzene
Concen: 8.546 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

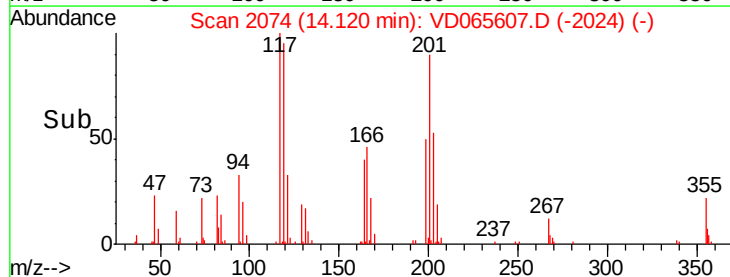
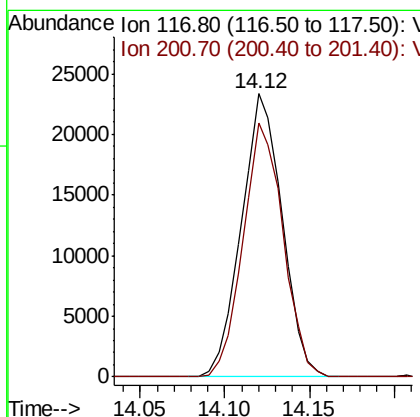
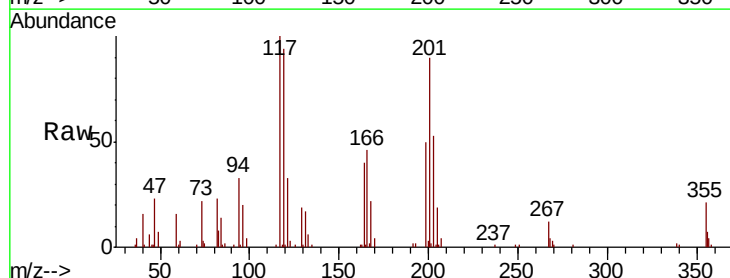
Instrument :
MSVOA_D
ClientSampleId :

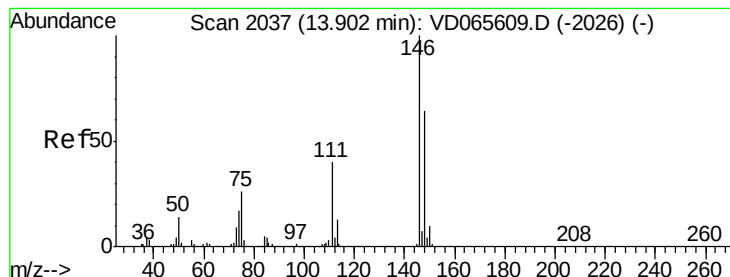
Tot Ion: 91 Resp: 149711
Ion Ratio Lower Upper
91 100
92 52.9 27.2 81.6
134 26.7 13.9 41.7



#90
Hexachloroethane
Concen: 9.250 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.01 min
Lab File: VD065607.D
Acq: 09 Apr 2020 11:07

Tgt Ion: 117 Resp: 39169
Ion Ratio Lower Upper
117 100
201 88.2 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 9.527 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

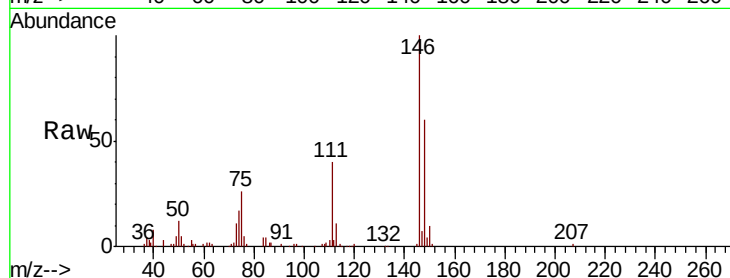
Tot Ion:146 Resp: 89879

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

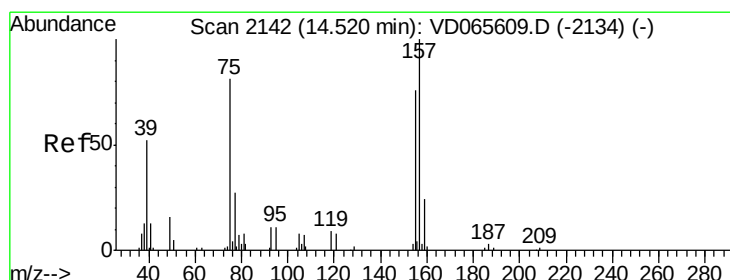
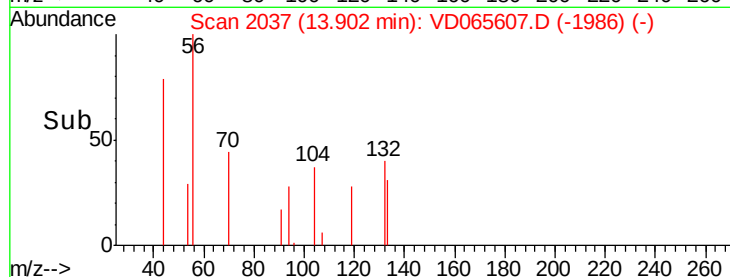
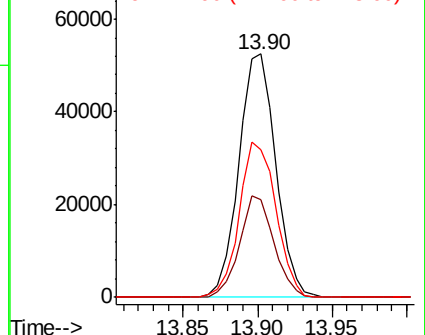
148 63.4 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.545 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

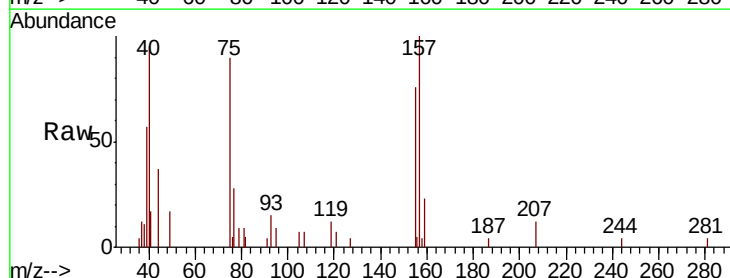
Tgt Ion: 75 Resp: 5677

Ion Ratio Lower Upper

75 100

155 96.9 46.8 140.4

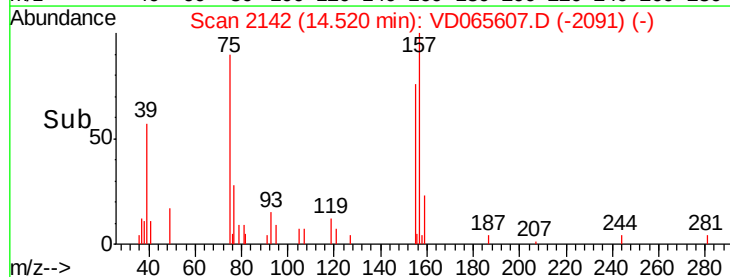
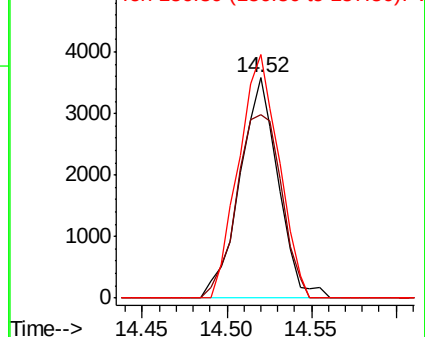
157 115.1 59.6 178.7

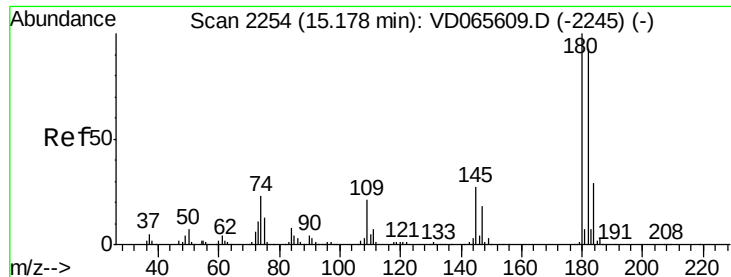


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

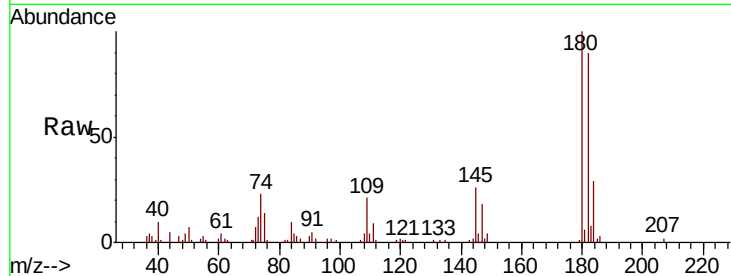




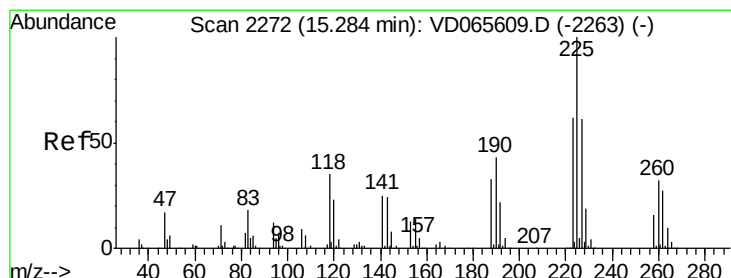
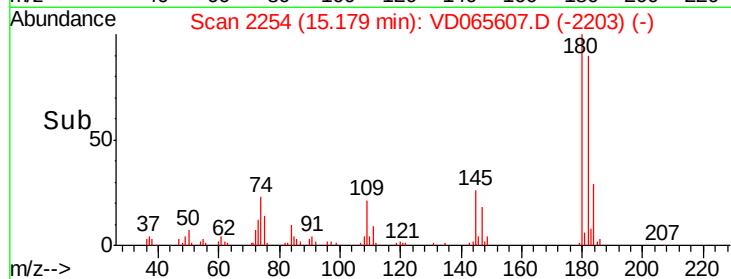
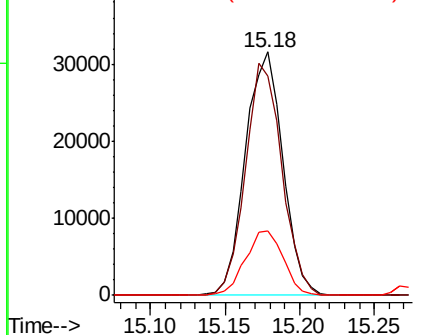
#93
 1,2,4-Trichlorobenzene
 Concen: 8.833 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 54736
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.0 141.2
 145 26.8 14.0 41.9

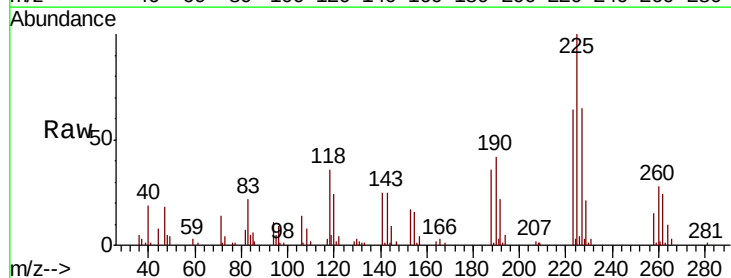


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

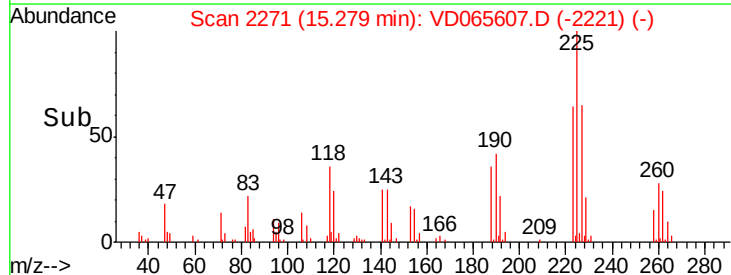
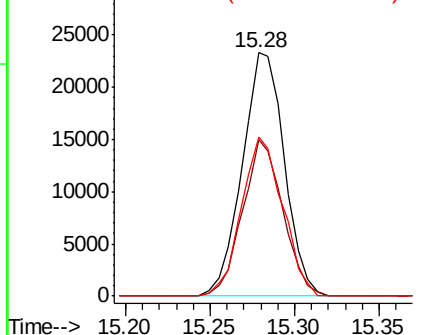


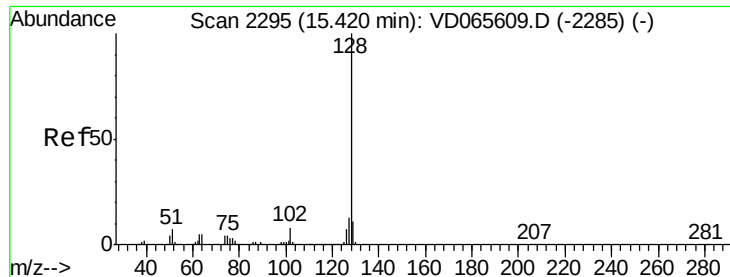
#94
 Hexachlorobutadiene
 Concen: 9.395 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065607.D
 Acq: 09 Apr 2020 11:07

Tgt Ion:225 Resp: 40469
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.6 94.7
 227 63.9 31.6 95.0



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





#95

Naphthalene

Concen: 7.893 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.01 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

Instrument :

MSVOA_D

ClientSampled :

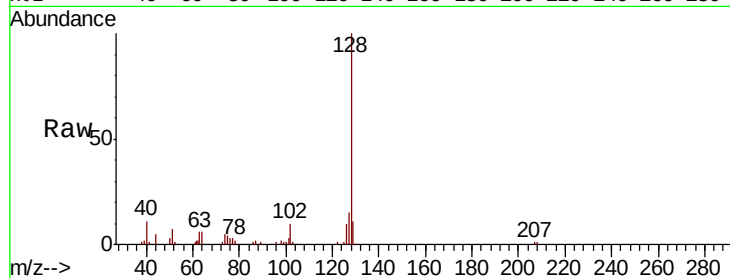
Tot Ion:128 Resp: 70869

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

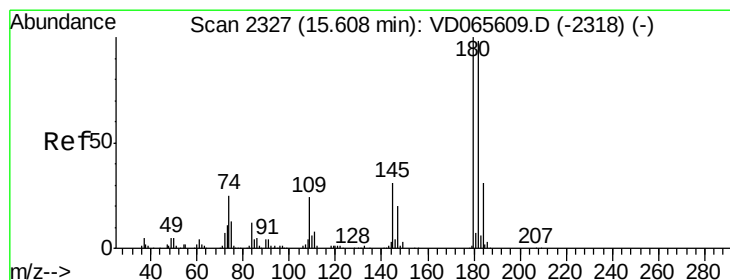
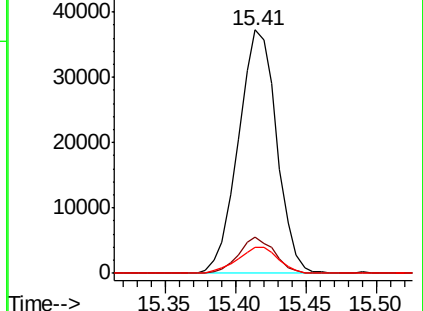
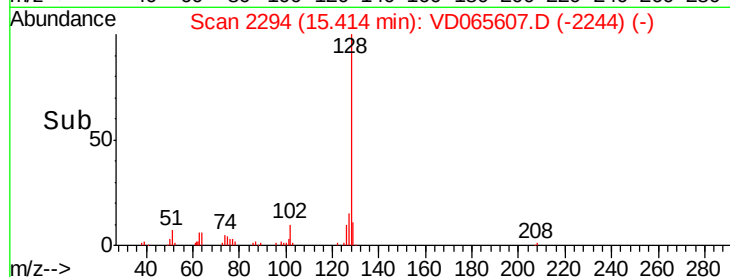
129 11.3 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 8.731 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD065607.D

Acq: 09 Apr 2020 11:07

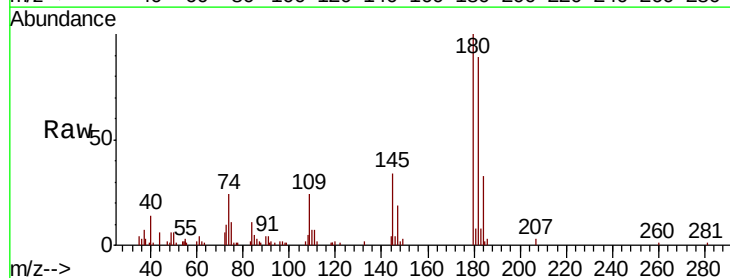
Tgt Ion:180 Resp: 46835

Ion Ratio Lower Upper

180 100

182 94.9 47.7 143.1

145 31.5 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

