

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100820\
 Data File : VD067186.D
 Acq On : 08 Oct 2020 11:24
 Operator : VA/SY
 Sample : VD1008SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

Quant Time: Oct 08 16:18:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	354385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	531149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	501876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	251425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	176375	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	7.91	113	181761	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	10.34	98	667249	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.64	95	237307	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	79173	25.303	ug/l	94
3) Chloromethane	2.21	50	52879	18.736	ug/l	92
4) Vinyl Chloride	2.35	62	55704	19.684	ug/l	99
5) Bromomethane	2.76	94	41022	19.880	ug/l	94
6) Chloroethane	2.91	64	33624	19.511	ug/l	93
7) Trichlorofluoromethane	3.27	101	134025	21.317	ug/l	94
8) Diethyl Ether	3.71	74	30999	19.883	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	73618	20.716	ug/l	98
10) Methyl Iodide	4.29	142	61981	17.950	ug/l	96
11) Tert butyl alcohol	5.21	59	25775	99.616	ug/l #	91
12) 1,1-Dichloroethene	4.06	96	66755	19.982	ug/l	97
13) Acrolein	3.92	56	18055	78.994	ug/l	97
14) Allyl chloride	4.71	41	77961	17.964	ug/l	91
15) Acrylonitrile	5.43	53	57161	99.615	ug/l	95
16) Acetone	4.16	43	53071	101.852	ug/l	99
17) Carbon Disulfide	4.41	76	193659	18.889	ug/l	98
18) Methyl Acetate	4.73	43	25004	19.093	ug/l	92
19) Methyl tert-butyl Ether	5.47	73	128885	21.134	ug/l #	91
20) Methylene Chloride	4.97	84	85361	18.503	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	75901	19.964	ug/l	97
22) Diisopropyl ether	6.36	45	151088	19.069	ug/l #	96
23) Vinyl Acetate	6.30	43	418908	93.304	ug/l	99
24) 1,1-Dichloroethane	6.26	63	119788	19.591	ug/l	99
25) 2-Butanone	7.21	43	67329	91.140	ug/l	99
26) 2,2-Dichloropropane	7.20	77	117130	19.920	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	84791	20.883	ug/l	97
28) Bromochloromethane	7.54	49	42264	17.898	ug/l	85
29) Tetrahydrofuran	7.56	42	38626	90.934	ug/l	92
30) Chloroform	7.71	83	141753	21.371	ug/l	89
31) Cyclohexane	7.98	56	91550	17.859	ug/l	83
32) 1,1,1-Trichloroethane	7.90	97	133716	21.752	ug/l	98
36) 1,1-Dichloropropene	8.11	75	101080	20.417	ug/l	96
37) Ethyl Acetate	7.28	43	33896	19.763	ug/l	96
38) Carbon Tetrachloride	8.10	117	124289	23.202	ug/l	96

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 Sample : VD1008SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1008SBS01

Quant Time: Oct 08 16:18:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	106423	20.332	ug/l	95
40) Benzene	8.36	78	286993	20.870	ug/l	99
41) Methacrylonitrile	7.53	41	14533	15.684	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	86657	22.552	ug/l	98
43) Isopropyl Acetate	8.46	43	61724	19.535	ug/l	95
44) Trichloroethene	9.11	130	90944	22.147	ug/l	94
45) 1,2-Dichloropropane	9.38	63	67815	20.989	ug/l	97
46) Dibromomethane	9.47	93	40576	21.850	ug/l	95
47) Bromodichloromethane	9.66	83	106667	22.097	ug/l	98
48) Methyl methacrylate	9.46	41	28267	17.463	ug/l #	69
49) 1,4-Dioxane	9.46	88	8308	428.652	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	158921	100.979	ug/l	97
52) Toluene	10.40	92	199378	22.508	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	96017	22.255	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	114107	21.659	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	57411	22.236	ug/l	98
56) Ethyl methacrylate	10.66	69	59544	22.338	ug/l	96
57) 1,3-Dichloropropane	10.95	76	90617	21.644	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	149889	101.028	ug/l	93
59) 2-Hexanone	10.98	43	107032	101.894	ug/l	97
60) Dibromochloromethane	11.14	129	79250	23.030	ug/l	94
61) 1,2-Dibromoethane	11.24	107	56720	22.867	ug/l	99
64) Tetrachloroethene	10.87	164	81884	22.442	ug/l	92
65) Chlorobenzene	11.67	112	217718	21.812	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	87786	23.121	ug/l	97
67) Ethyl Benzene	11.74	91	373001	21.810	ug/l	96
68) m/p-Xylenes	11.86	106	292006	43.811	ug/l	96
69) o-Xylene	12.18	106	130755	21.938	ug/l	92
70) Styrene	12.20	104	230795	22.550	ug/l	99
71) Bromoform	12.36	173	45846	23.261	ug/l #	97
73) Isopropylbenzene	12.48	105	368141	21.564	ug/l	99
74) N-amyl acetate	12.29	43	58382	19.023	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	58349	20.285	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	76601	34.978	ug/l #	100
77) Bromobenzene	12.76	156	91086	22.096	ug/l	96
78) n-propylbenzene	12.83	91	426171	21.122	ug/l	98
79) 2-Chlorotoluene	12.91	91	245221	21.243	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	321364	22.280	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	18154	20.667	ug/l	98
82) 4-Chlorotoluene	13.01	91	268882	21.892	ug/l	99
83) tert-Butylbenzene	13.23	119	274634	22.610	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	317576	22.062	ug/l	99
85) sec-Butylbenzene	13.41	105	367515	21.486	ug/l	99
86) p-Isopropyltoluene	13.52	119	348087	21.950	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	177299	22.081	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	178291	22.207	ug/l	99
89) n-Butylbenzene	13.85	91	305075	21.050	ug/l	98
90) Hexachloroethane	14.12	117	58685	21.126	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	153162	21.841	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9727	20.978	ug/l	99

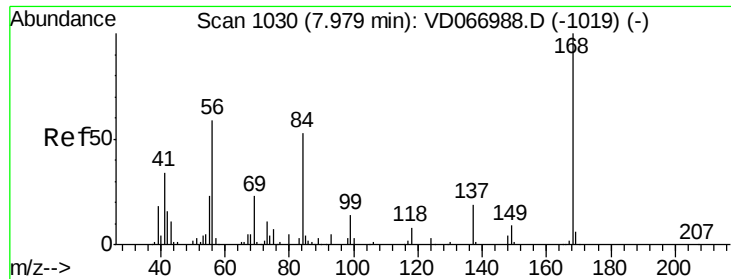
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100820\
Data File : VD067186.D
Acq On : 08 Oct 2020 11:24
Operator : VA/SY
Sample : VD1008SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

Quant Time: Oct 08 16:18:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	104614	23.064	ug/l	98
94) Hexachlorobutadiene	15.28	225	61543	22.093	ug/l	98
95) Naphthalene	15.41	128	167785	22.177	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	89492	22.728	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

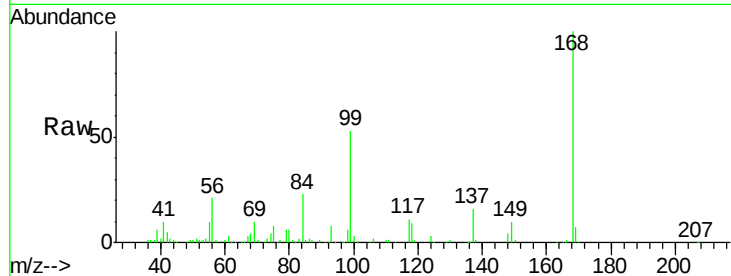
VD1008SBSD01

Tgt Ion:168 Resp: 354385

Ion Ratio Lower Upper

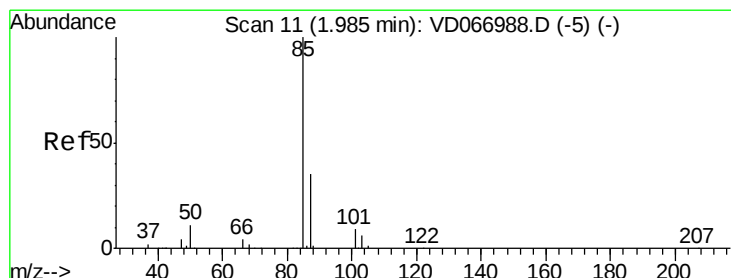
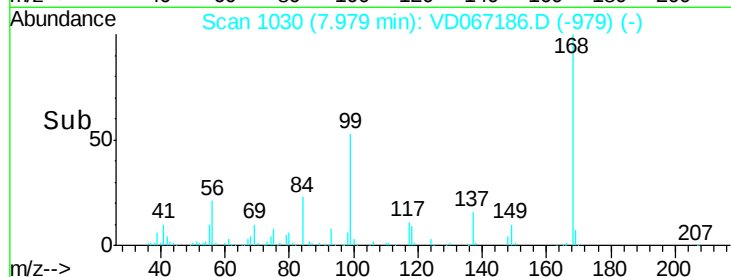
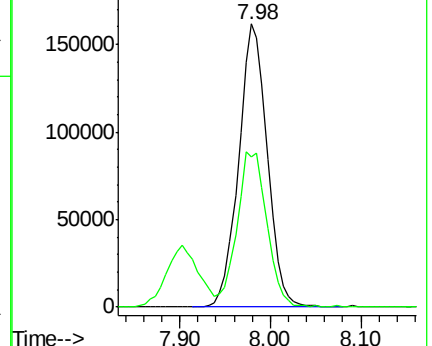
168 100

99 53.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 25.303 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067186.D

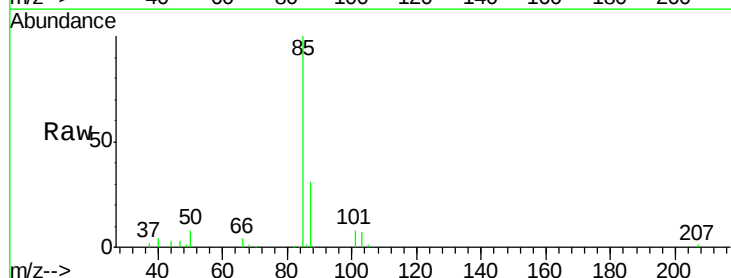
Acq: 08 Oct 2020 11:24

Tgt Ion: 85 Resp: 79173

Ion Ratio Lower Upper

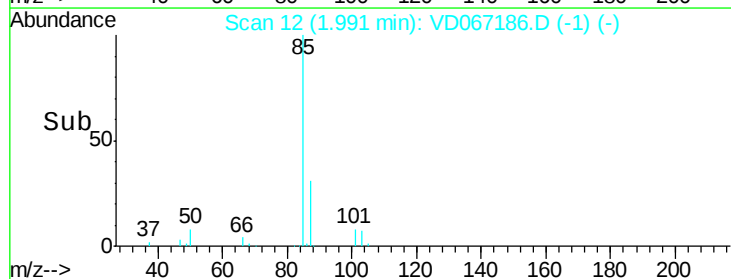
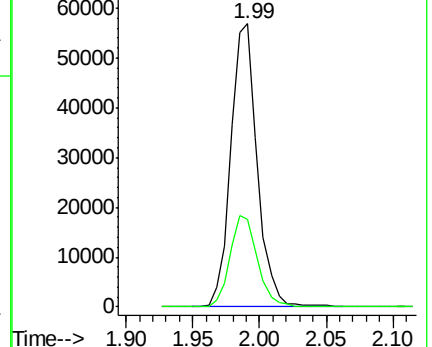
85 100

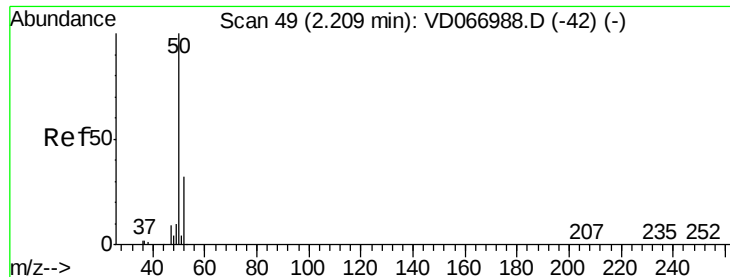
87 31.0 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.736 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

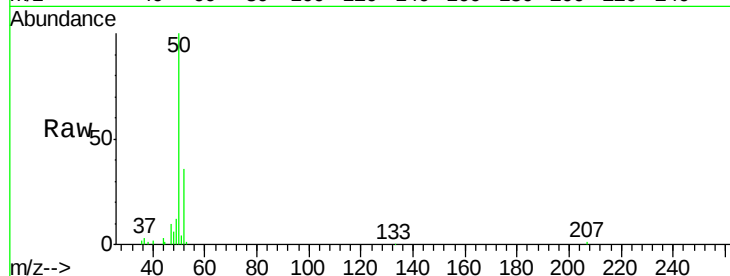
VD1008SBSD01

Tgt Ion: 50 Resp: 52879

Ion Ratio Lower Upper

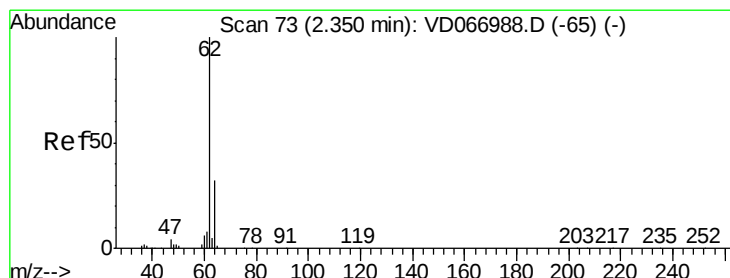
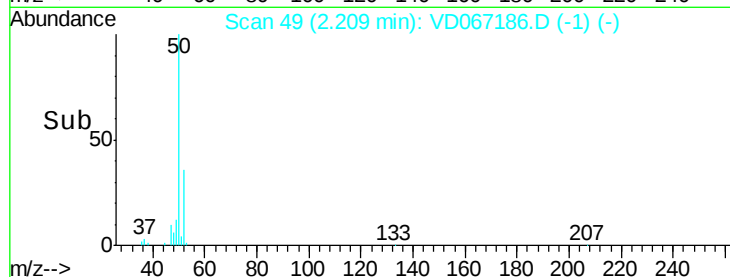
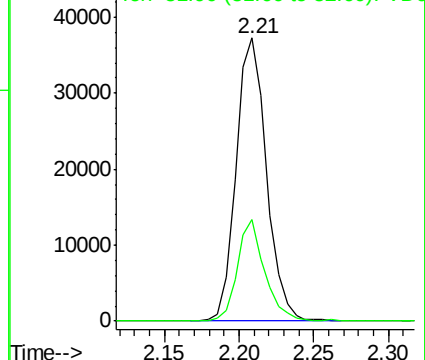
50 100

52 36.1 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.684 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067186.D

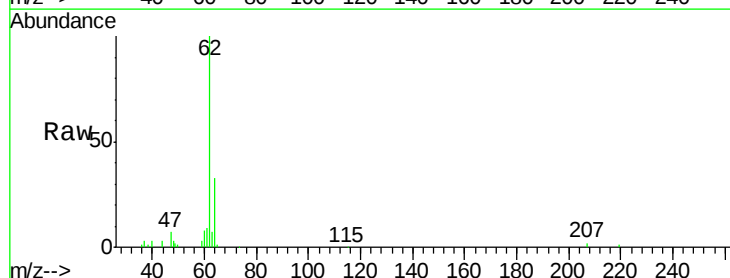
Acq: 08 Oct 2020 11:24

Tgt Ion: 62 Resp: 55704

Ion Ratio Lower Upper

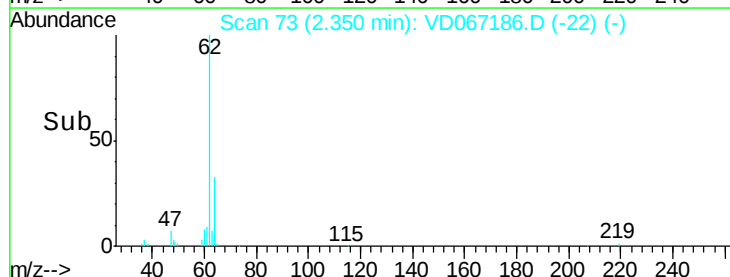
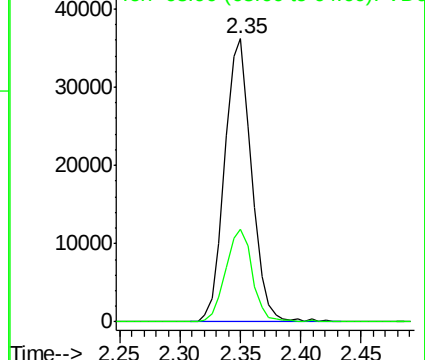
62 100

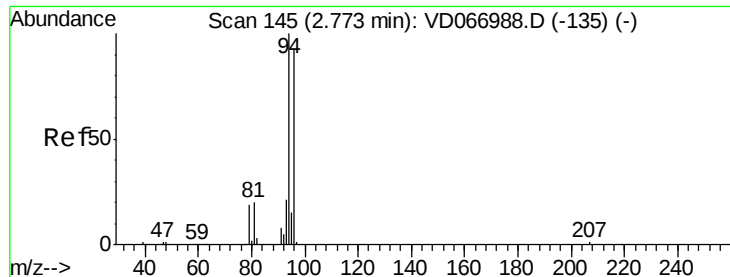
64 32.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.880 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

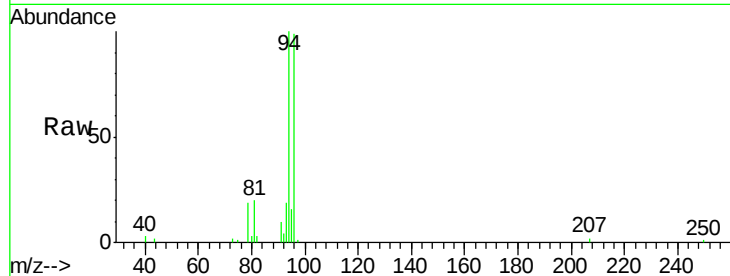
VD1008SBSD01

Tgt Ion: 94 Resp: 41022

Ion Ratio Lower Upper

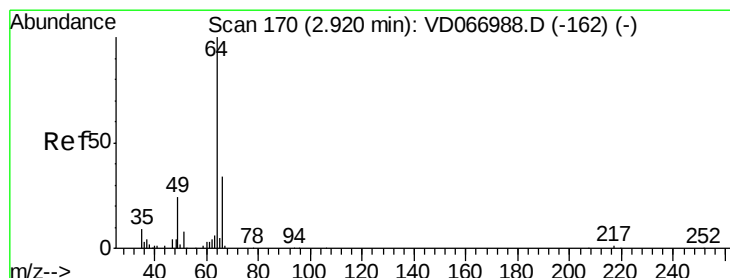
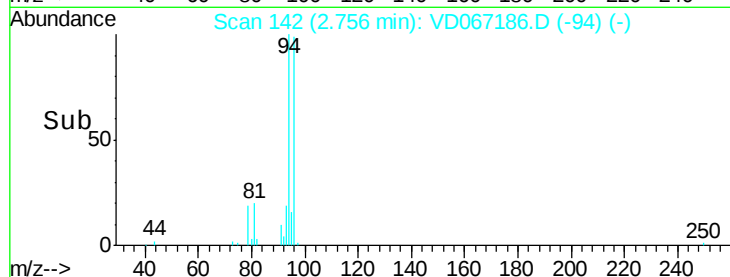
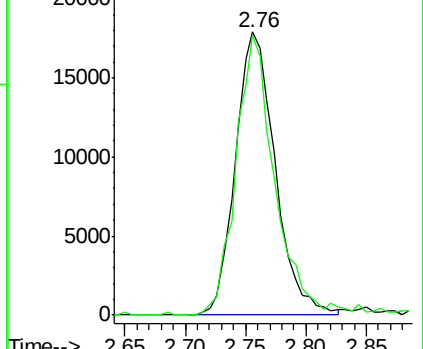
94 100

96 99.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.511 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067186.D

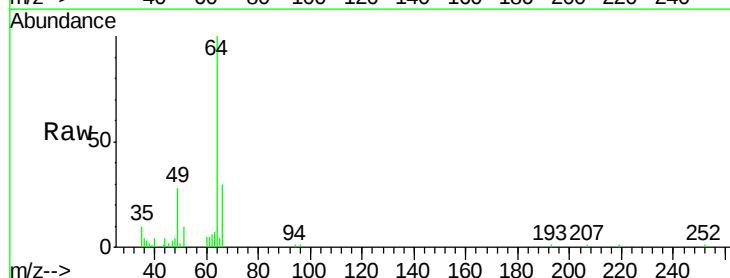
Acq: 08 Oct 2020 11:24

Tgt Ion: 64 Resp: 33624

Ion Ratio Lower Upper

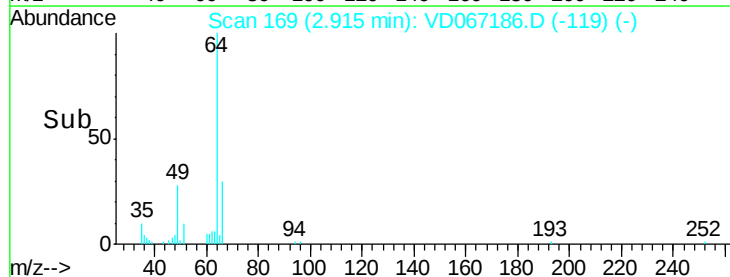
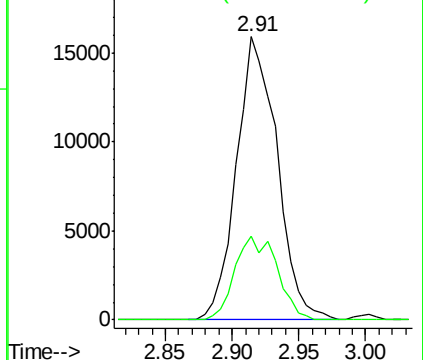
64 100

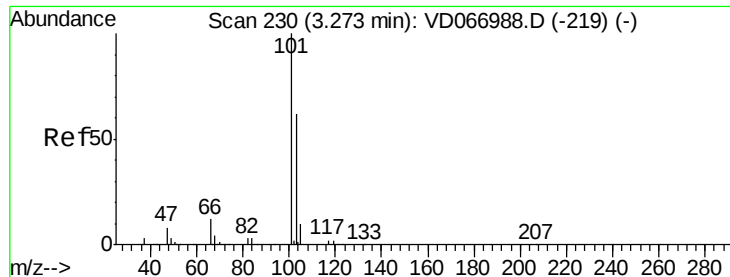
66 29.6 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 21.317 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

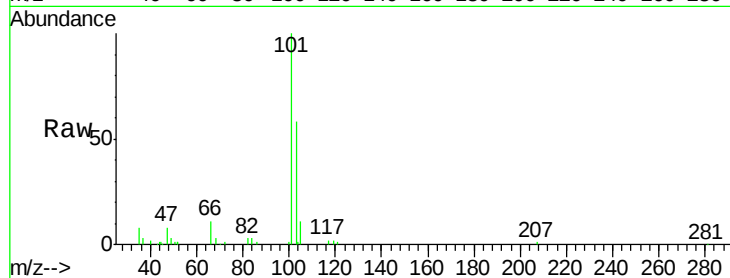
VD1008SBSD01

Tgt Ion:101 Resp: 134025

Ion Ratio Lower Upper

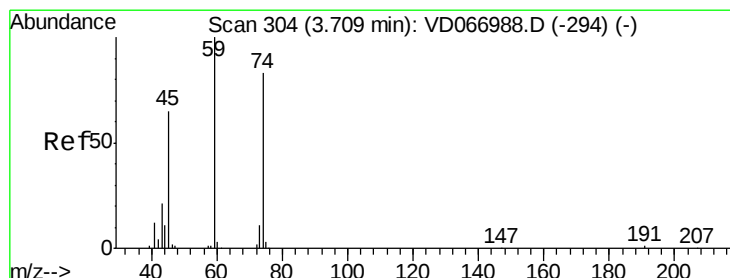
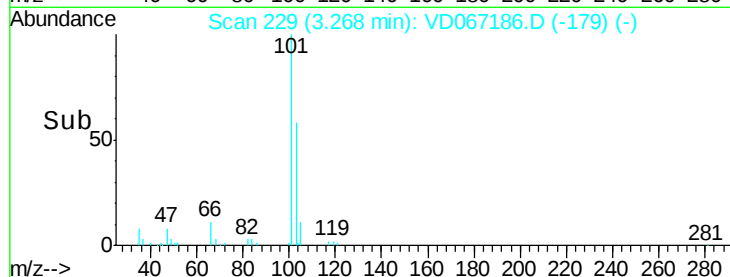
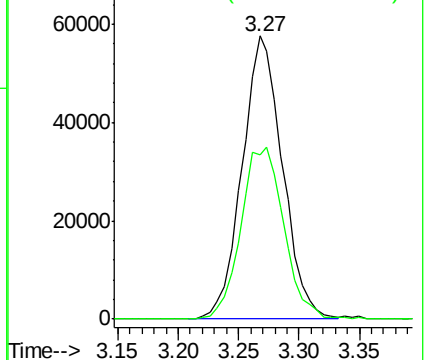
101 100

103 57.9 49.8 74.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.883 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD067186.D

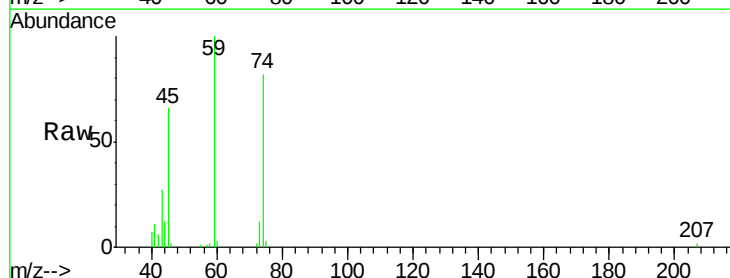
Acq: 08 Oct 2020 11:24

Tgt Ion: 74 Resp: 30999

Ion Ratio Lower Upper

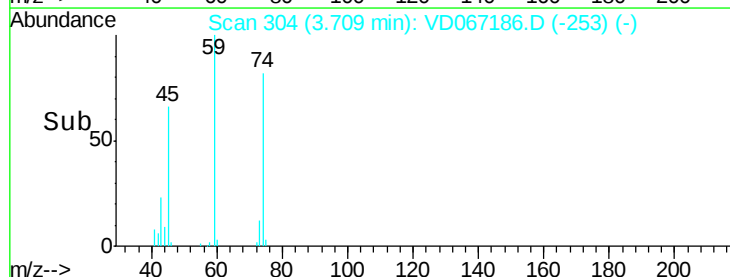
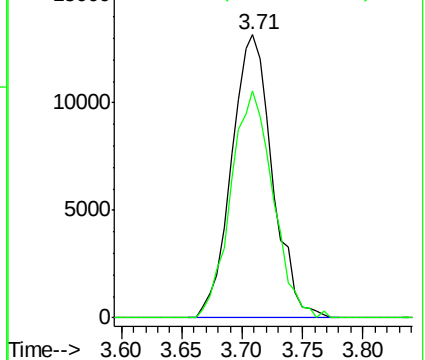
74 100

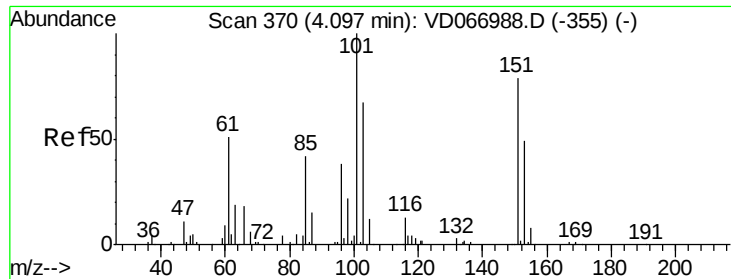
45 82.9 43.1 129.3



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: 20.716 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

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MSVOA_D

ClientSampleId :

VD1008SBS01

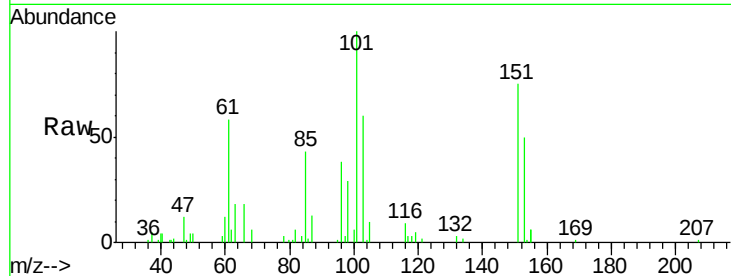
Tgt Ion:101 Resp: 73618

Ion Ratio Lower Upper

101 100

85 41.7 33.8 50.8

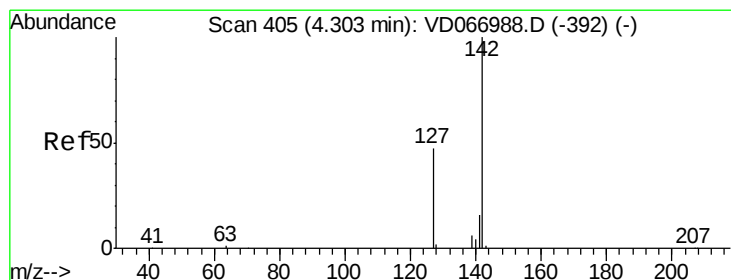
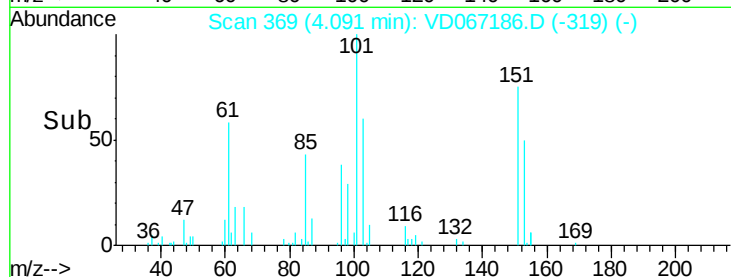
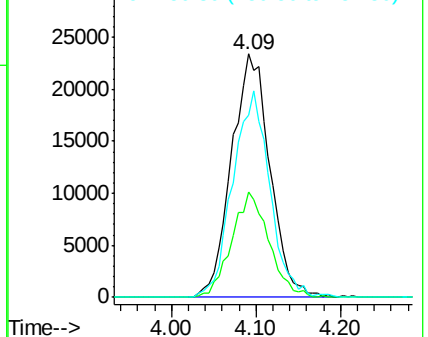
151 82.0 63.8 95.8



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: 17.950 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

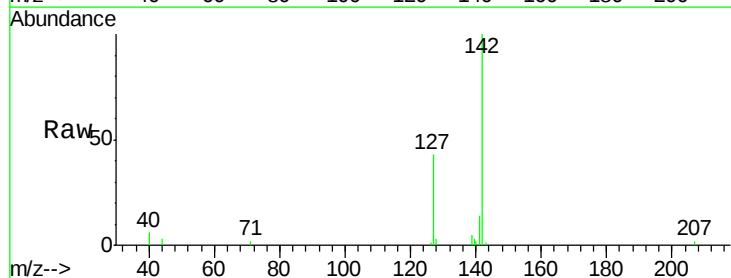
Tgt Ion:142 Resp: 61981

Ion Ratio Lower Upper

142 100

127 49.1 36.3 54.5

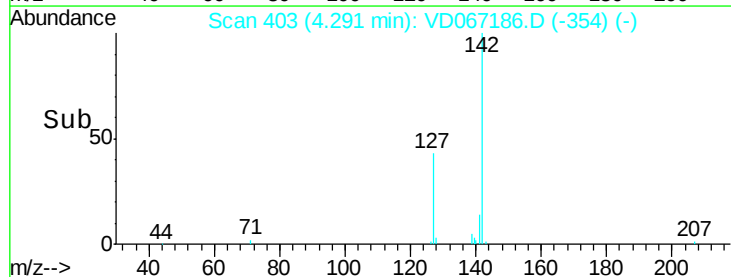
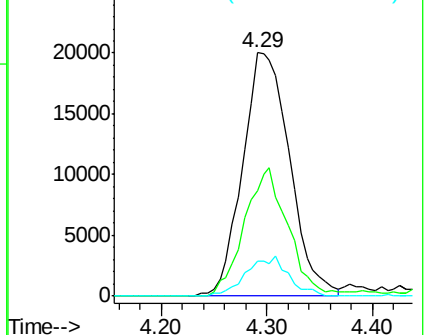
141 14.6 12.0 18.0

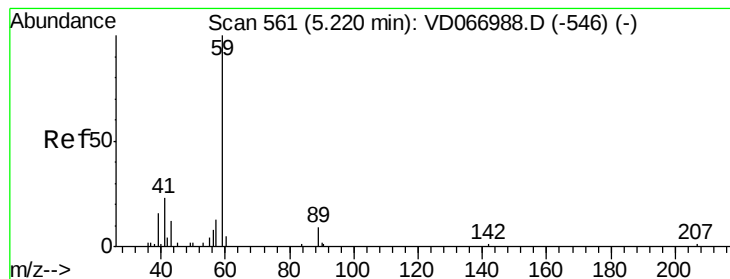


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.616 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

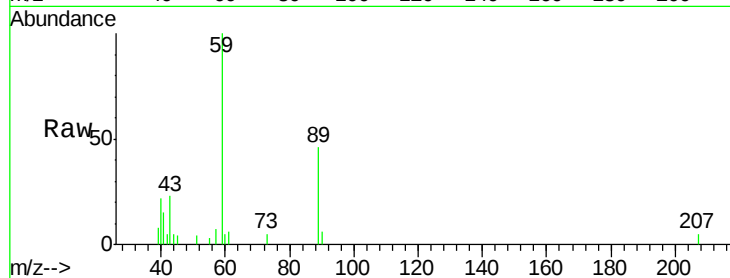
VD1008SBSD01

Tgt Ion: 59 Resp: 25775

Ion Ratio Lower Upper

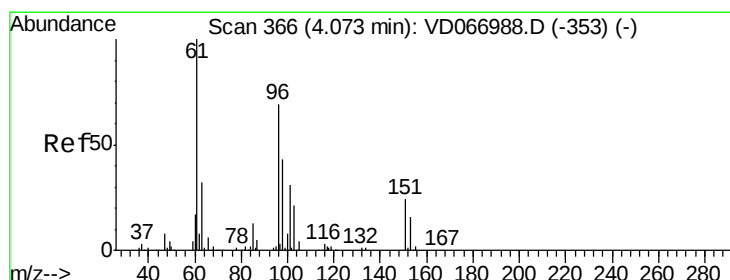
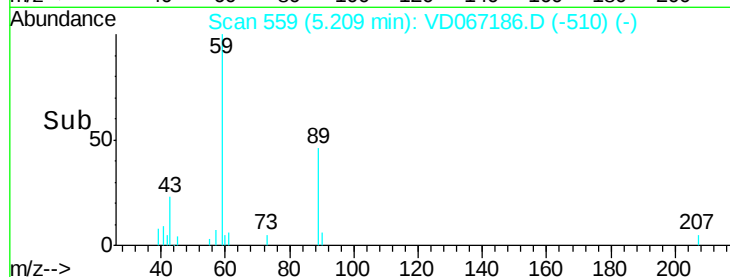
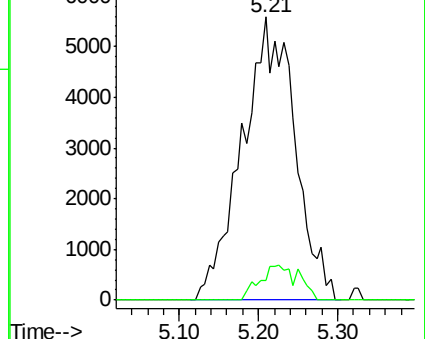
59 100

57 7.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 19.982 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

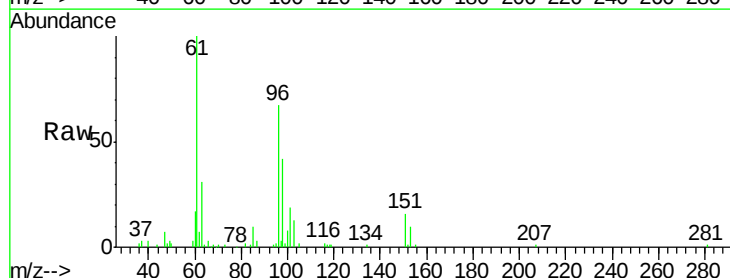
Tgt Ion: 96 Resp: 66755

Ion Ratio Lower Upper

96 100

61 150.0 116.4 174.6

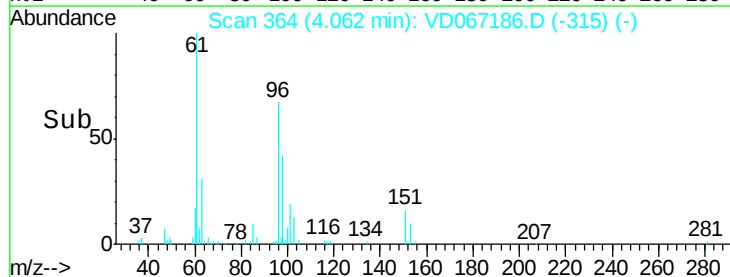
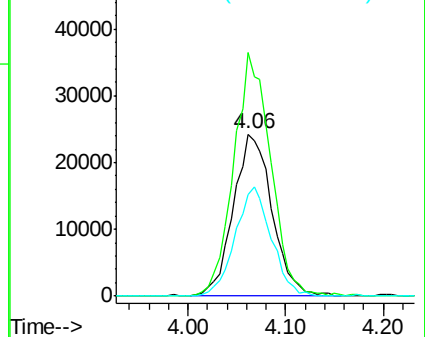
98 62.3 49.9 74.9

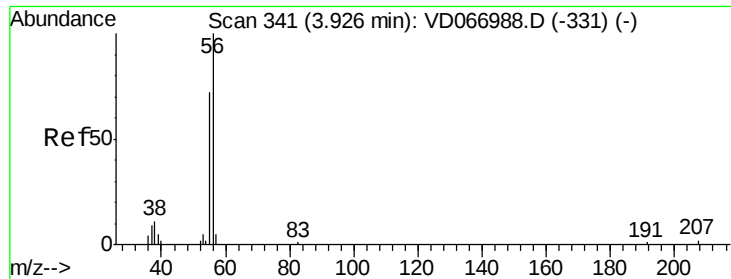


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 78.994 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

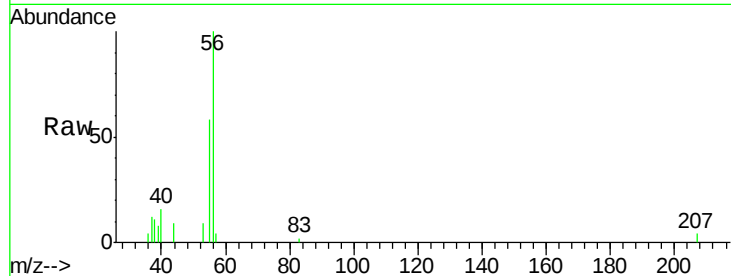
VD1008SBSD01

Tgt Ion: 56 Resp: 18055

Ion Ratio Lower Upper

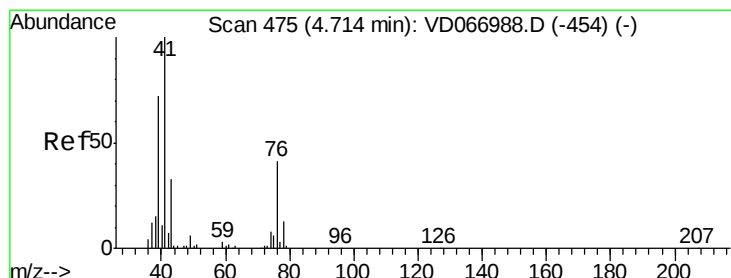
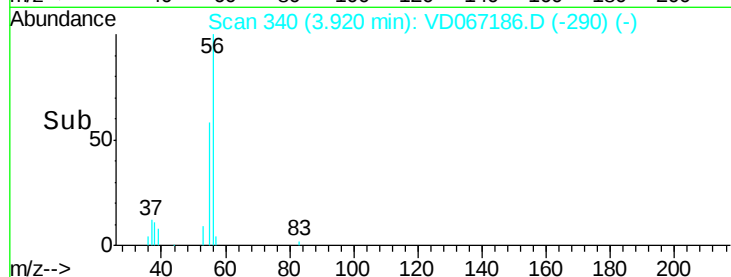
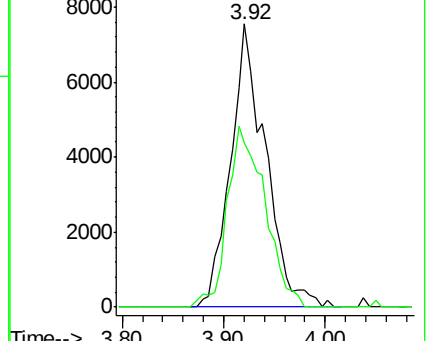
56 100

55 68.9 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 17.964 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

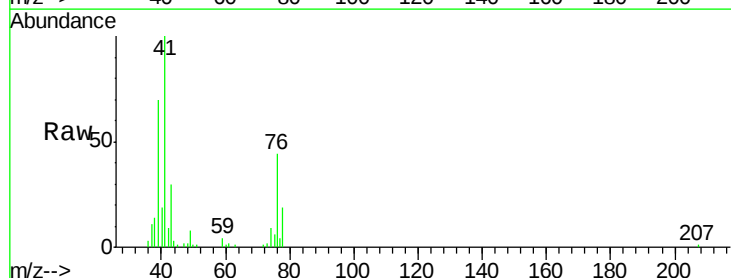
Tgt Ion: 41 Resp: 77961

Ion Ratio Lower Upper

41 100

39 77.8 56.2 84.2

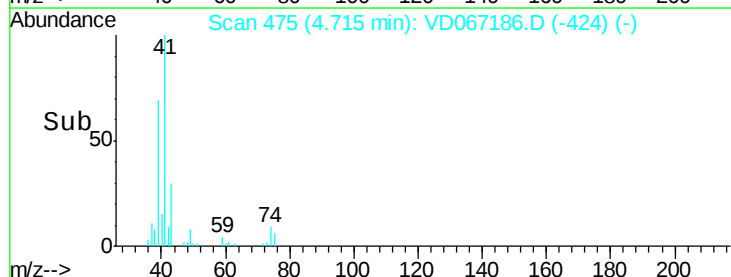
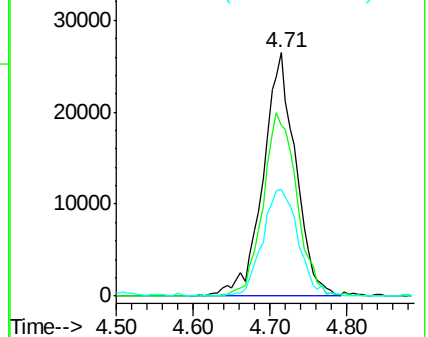
76 47.8 34.2 51.2

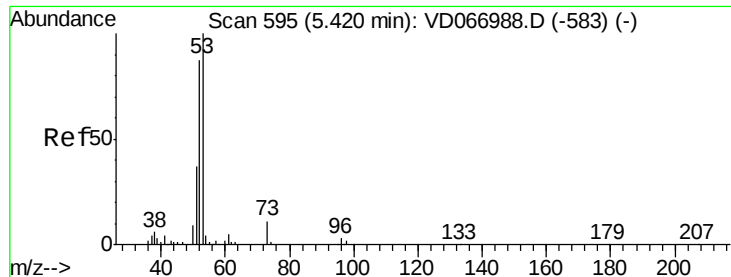


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 99.615 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBSD01

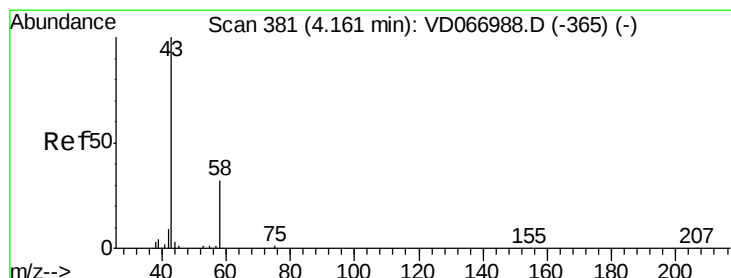
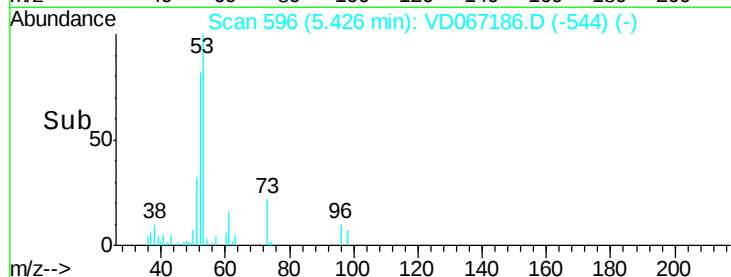
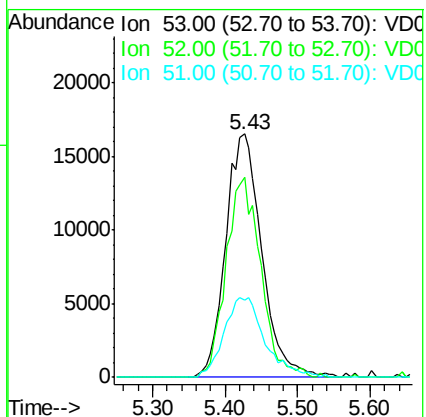
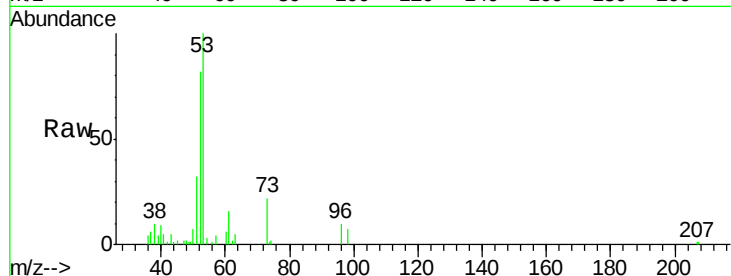
Tgt Ion: 53 Resp: 57161

Ion Ratio Lower Upper

53 100

52 78.7 67.3 100.9

51 36.9 30.2 45.2



#16

Acetone

Concen: 101.852 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067186.D

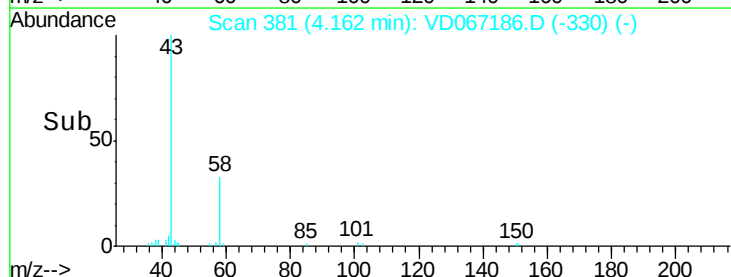
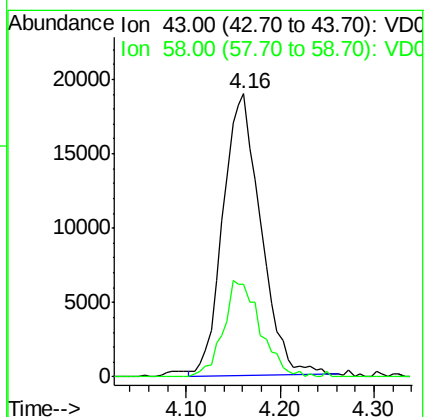
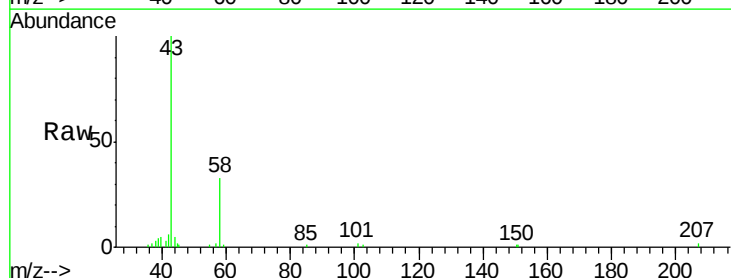
Acq: 08 Oct 2020 11:24

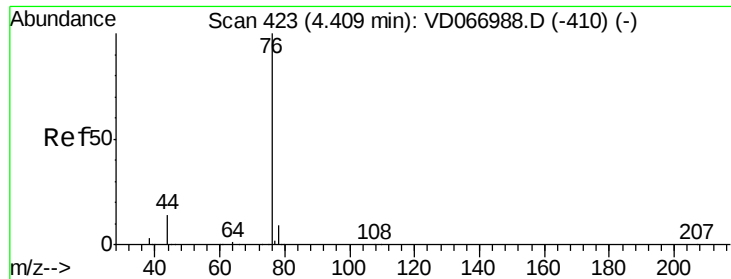
Tgt Ion: 43 Resp: 53071

Ion Ratio Lower Upper

43 100

58 33.0 25.9 38.9

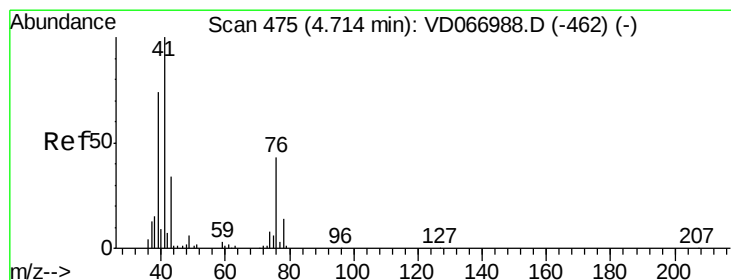
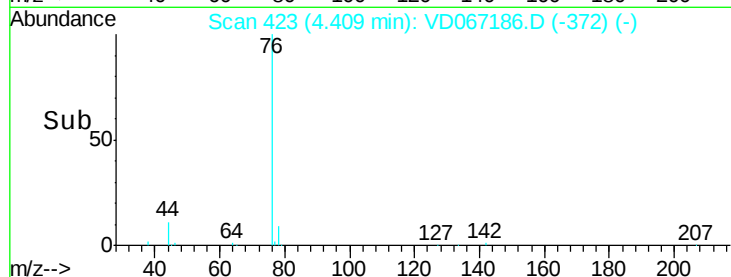
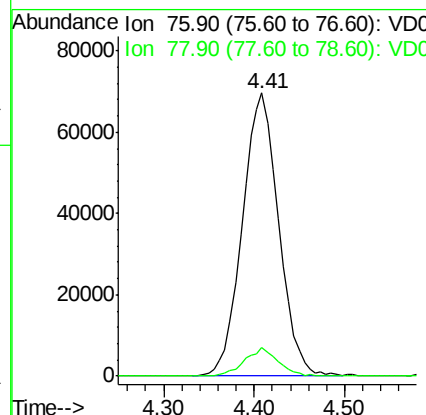
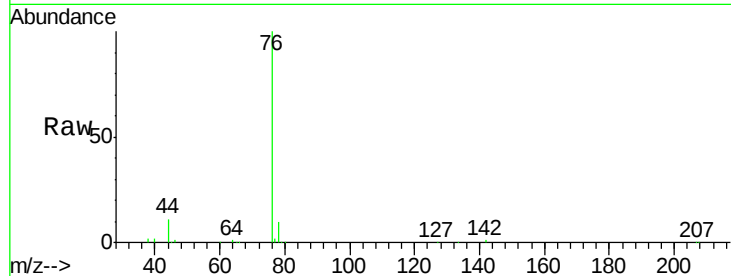




#17
Carbon Disulfide
Concen: 18.889 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

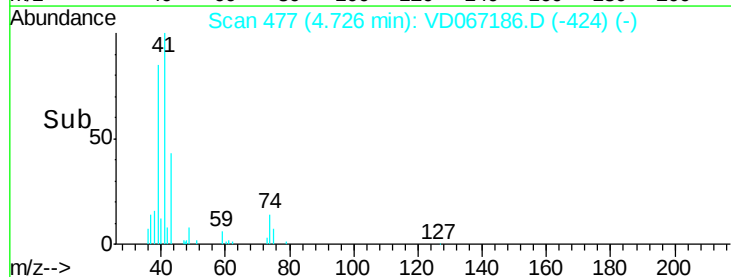
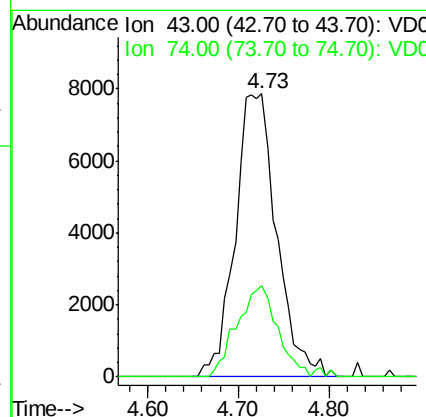
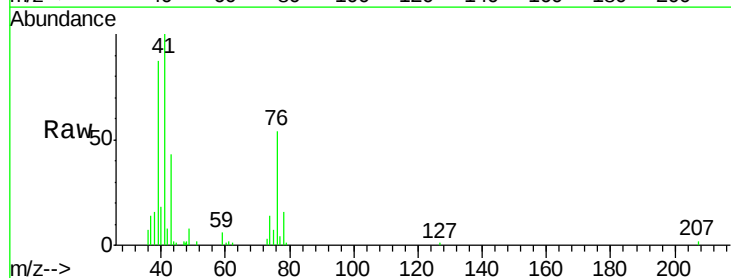
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

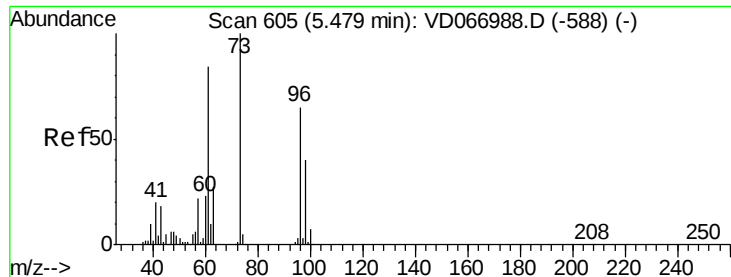
Tgt Ion: 76 Resp: 193659
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3



#18
Methyl Acetate
Concen: 19.093 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion: 43 Resp: 25004
Ion Ratio Lower Upper
43 100
74 31.3 21.5 32.3

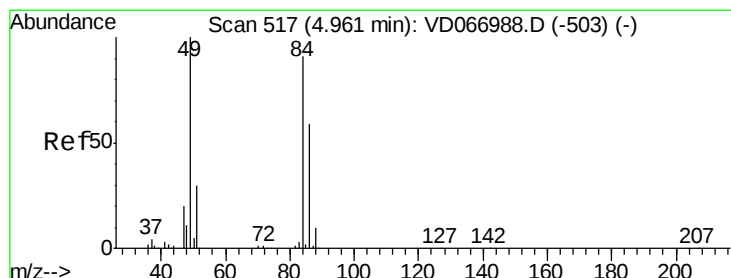
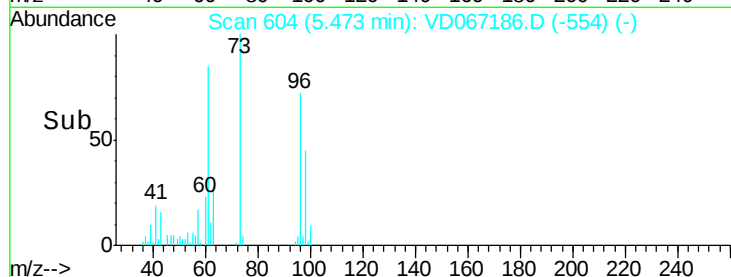
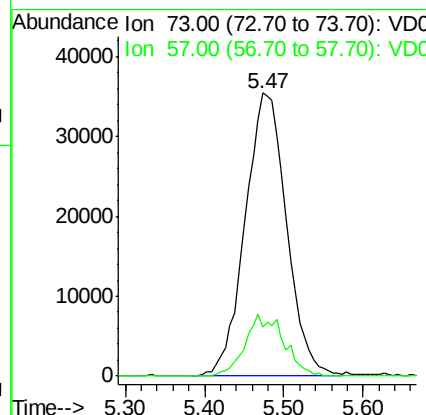
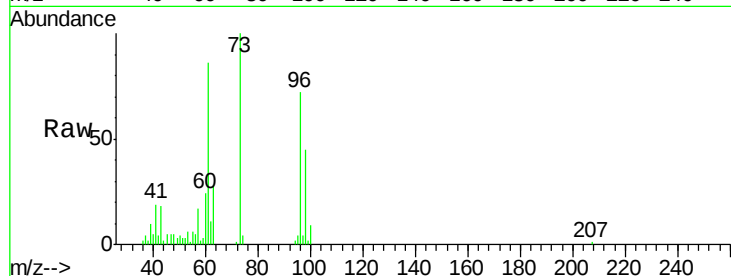




#19
Methyl tert-butyl Ether
Concen: 21.134 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

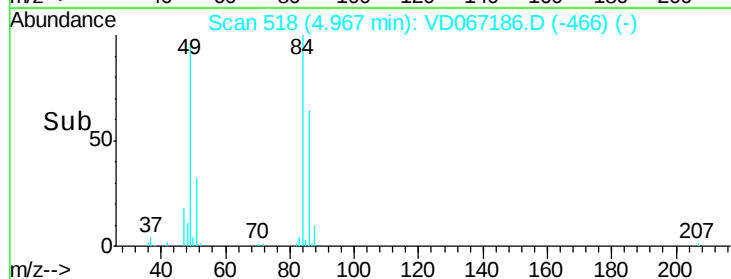
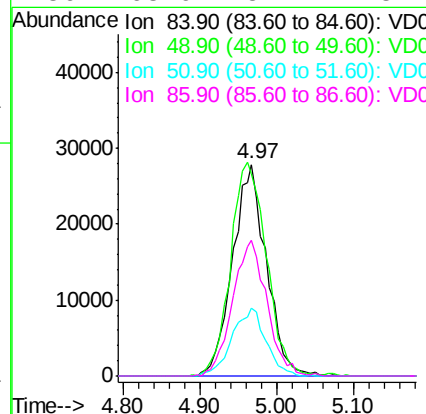
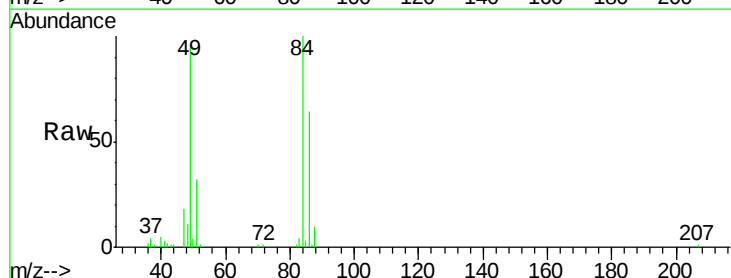
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

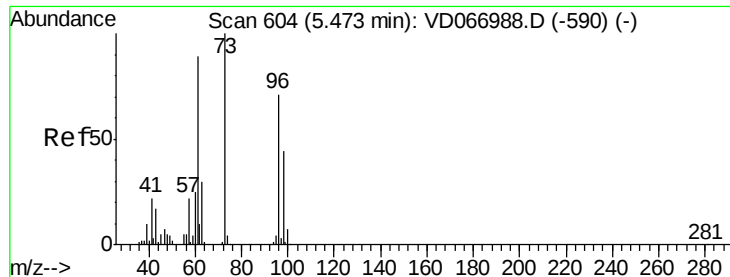
Tgt Ion: 73 Resp: 128885
Ion Ratio Lower Upper
73 100
57 17.3 17.4 26.0#



#20
Methylene Chloride
Concen: 18.503 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion: 84 Resp: 85361
Ion Ratio Lower Upper
84 100
49 95.6 88.2 132.2
51 32.1 26.6 39.8
86 63.9 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.964 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBSD01

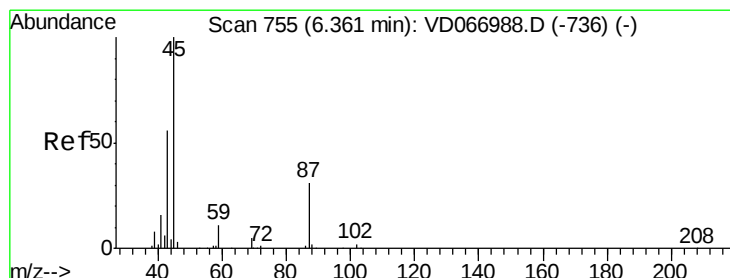
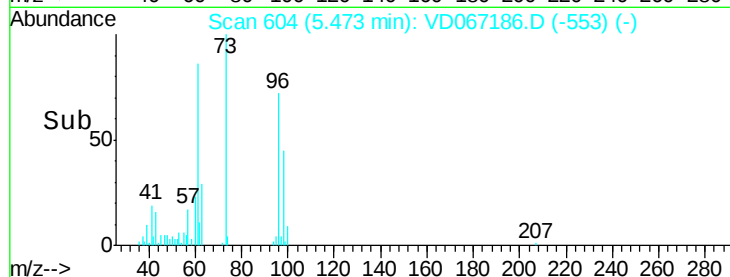
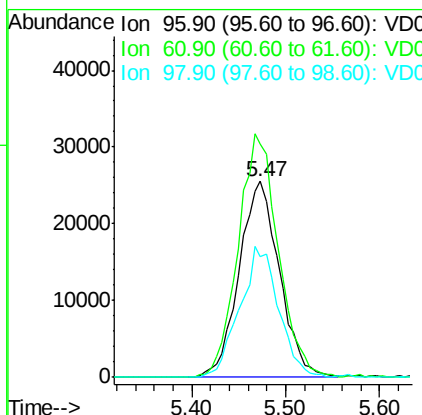
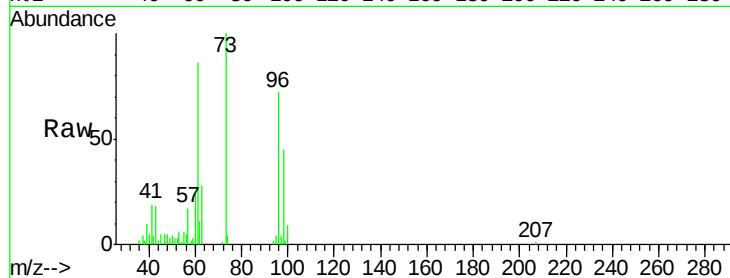
Tgt Ion: 96 Resp: 75901

Ion Ratio Lower Upper

96 100

61 119.5 99.6 149.4

98 61.9 49.4 74.2



#22

Diisopropyl ether

Concen: 19.069 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Tgt Ion: 45 Resp: 151088

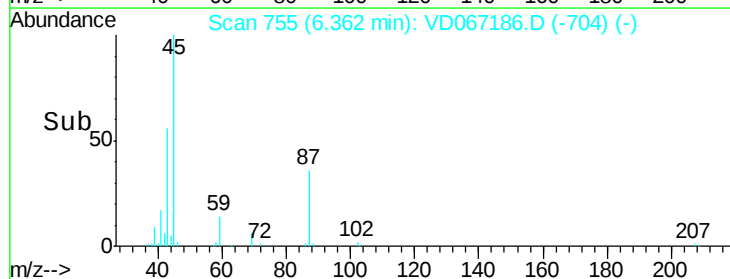
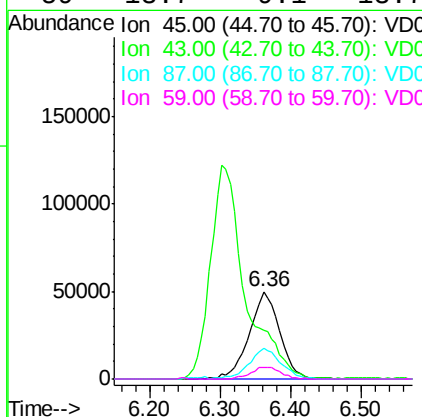
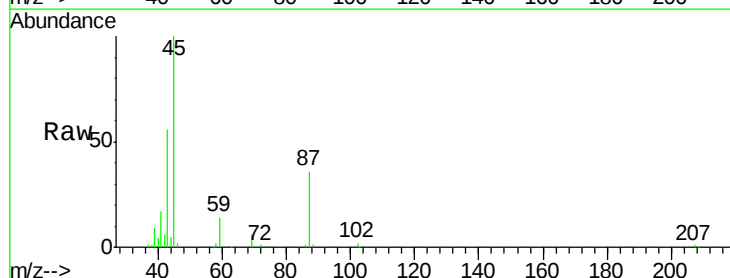
Ion Ratio Lower Upper

45 100

43 54.9 45.2 67.8

87 35.7 25.6 38.4

59 13.7 9.1 13.7#





#23

Vinyl Acetate

Concen: 93.304 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

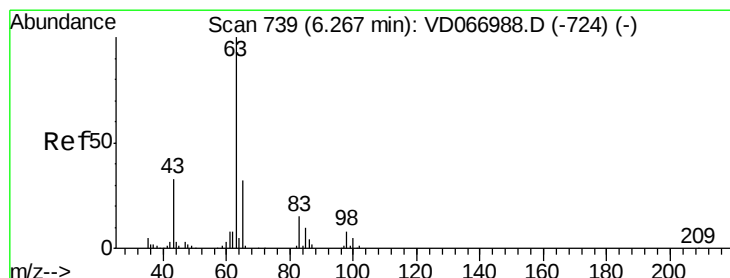
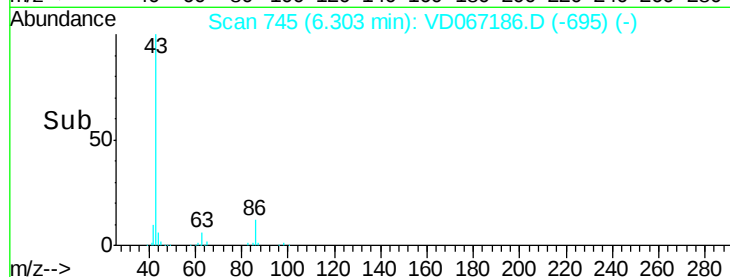
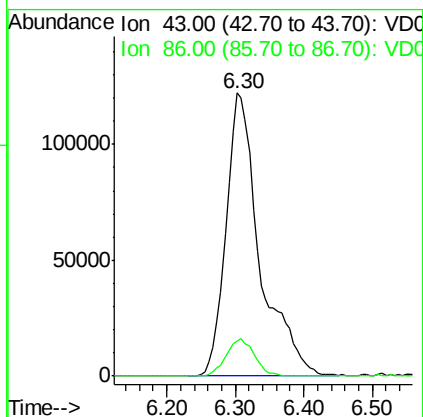
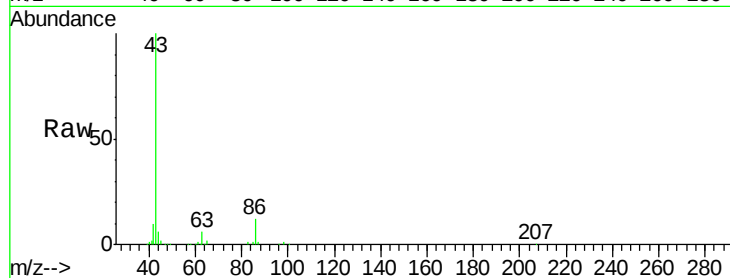
VD1008SBSD01

Tgt Ion: 43 Resp: 418908

Ion Ratio Lower Upper

43 100

86 12.4 10.2 15.2



#24

1,1-Dichloroethane

Concen: 19.591 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

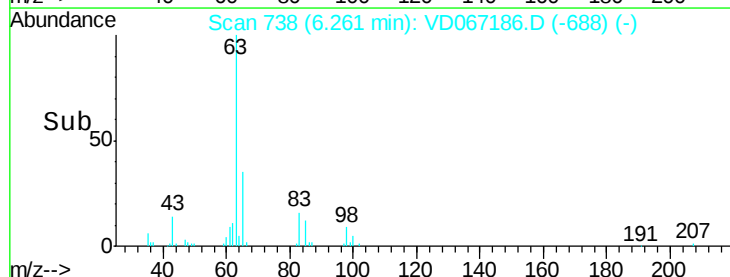
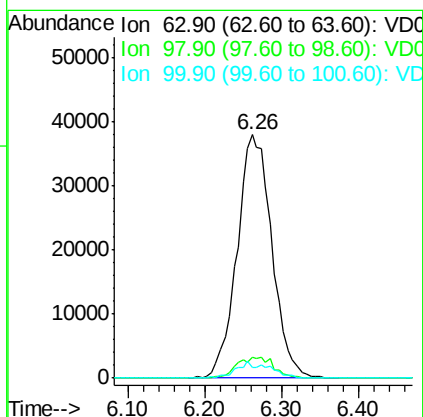
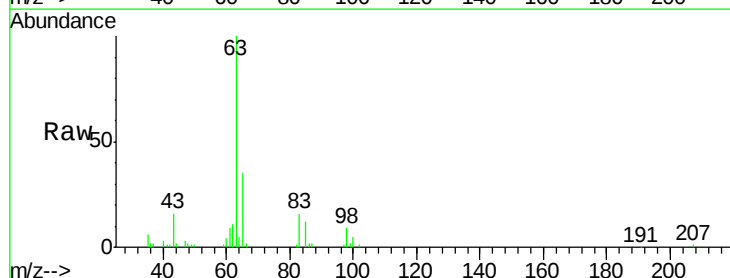
Tgt Ion: 63 Resp: 119788

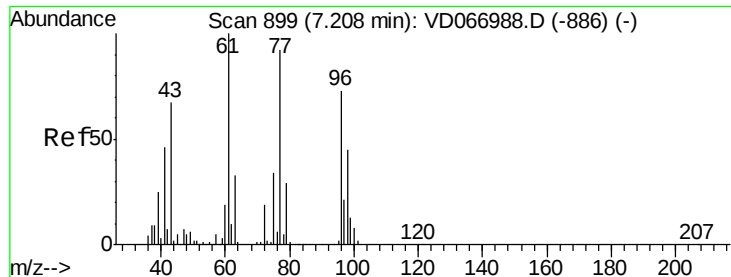
Ion Ratio Lower Upper

63 100

98 8.7 4.2 12.6

100 4.5 2.6 7.8





#25

2-Butanone

Concen: 91.140 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

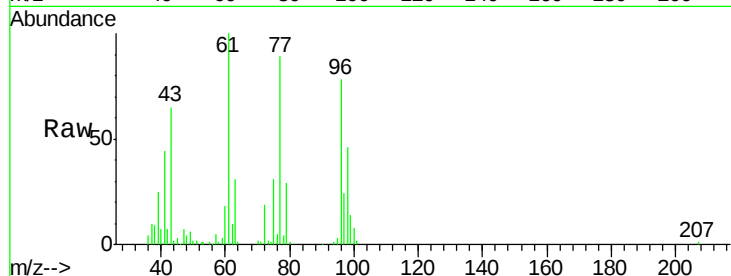
VD1008SBS01

Tgt Ion: 43 Resp: 67329

Ion Ratio Lower Upper

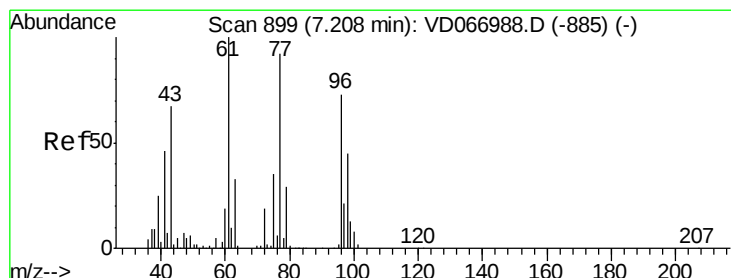
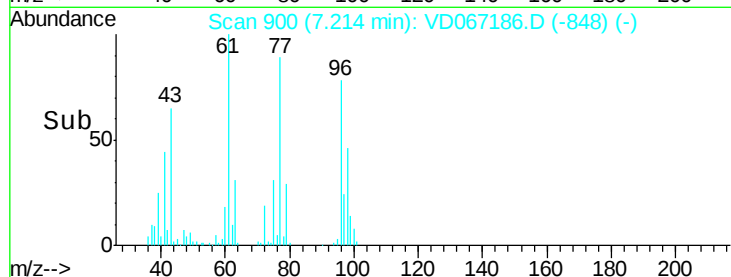
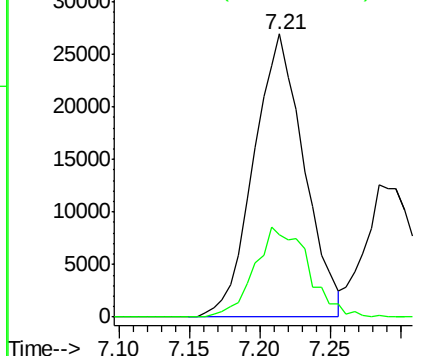
43 100

72 29.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.920 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067186.D

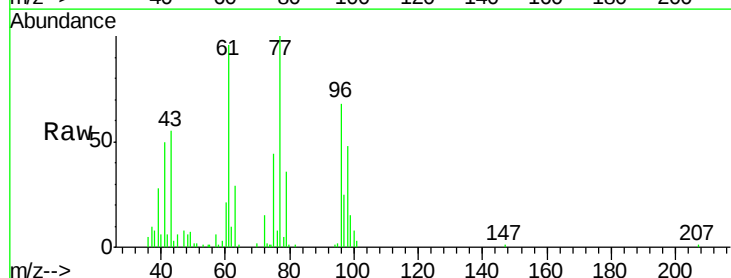
Acq: 08 Oct 2020 11:24

Tgt Ion: 77 Resp: 117130

Ion Ratio Lower Upper

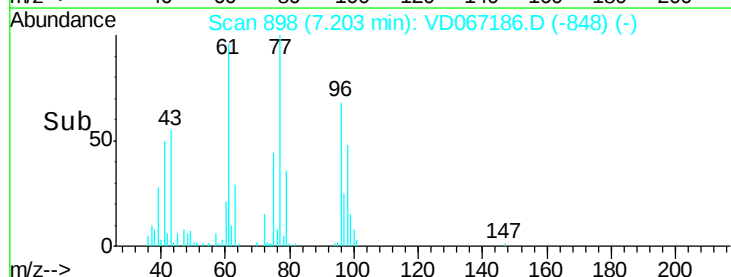
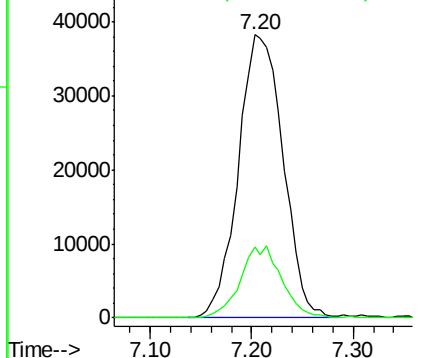
77 100

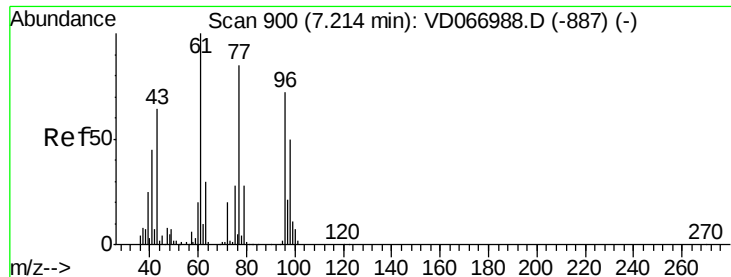
97 23.5 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



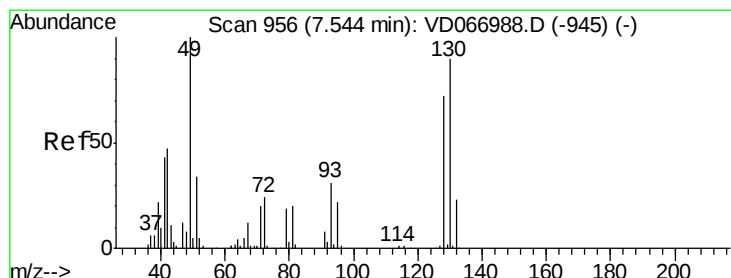
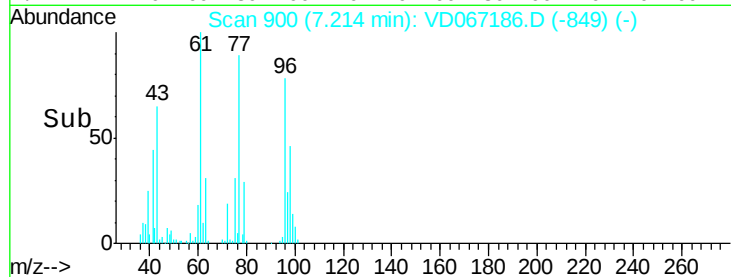
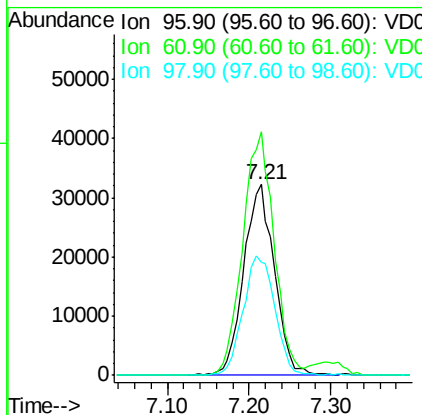
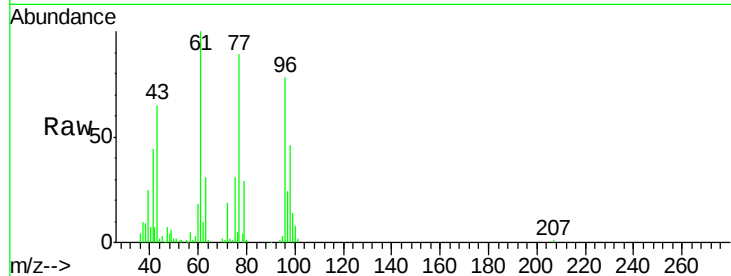


#27

cis-1,2-Dichloroethene
Concen: 20.883 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

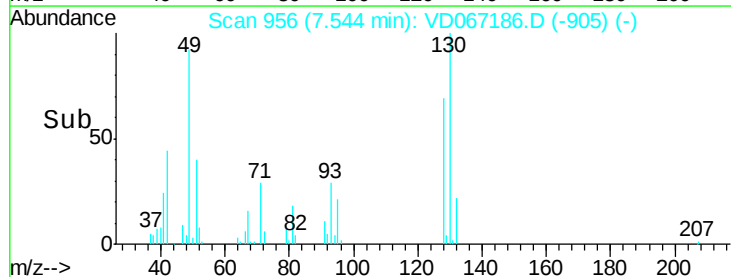
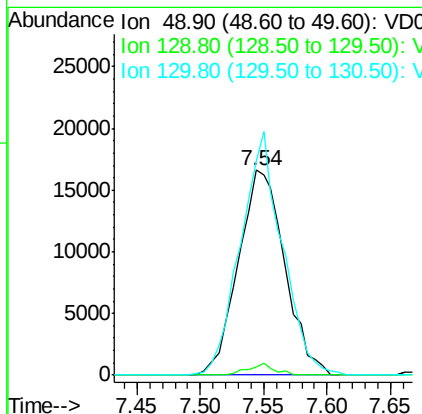
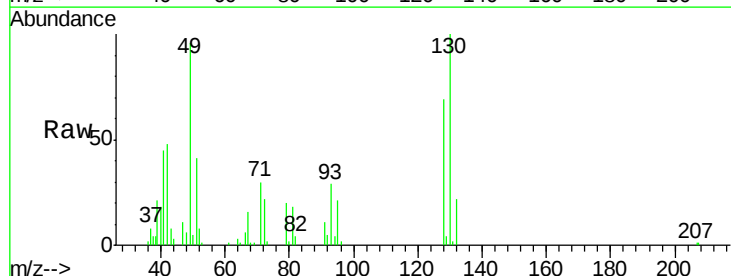
Tgt Ion: 96 Resp: 84791
Ion Ratio Lower Upper
96 100
61 129.4 0.0 269.2
98 64.0 0.0 129.4

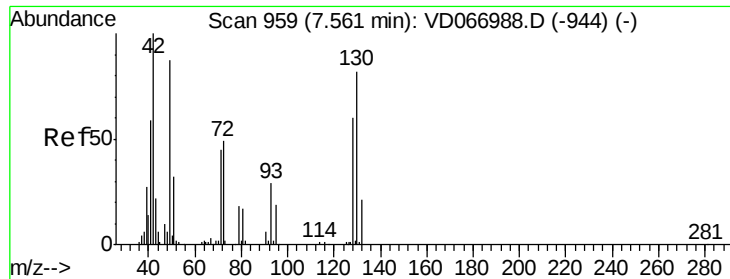


#28

Bromochloromethane
Concen: 17.898 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion: 49 Resp: 42264
Ion Ratio Lower Upper
49 100
129 3.2 0.0 4.6
130 107.2 74.1 111.1

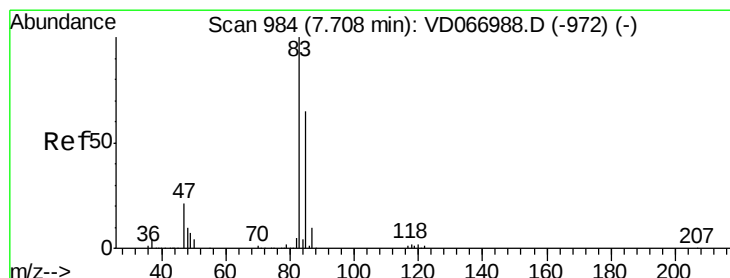
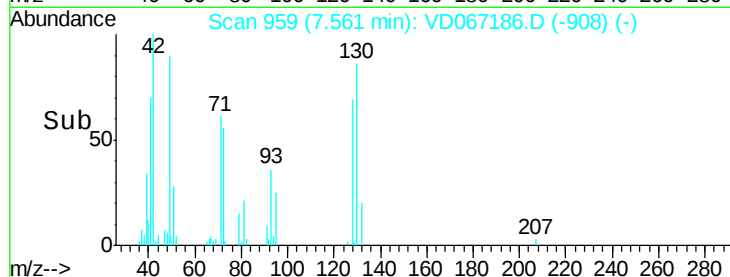
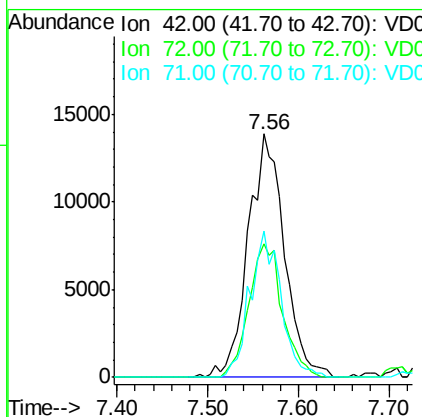
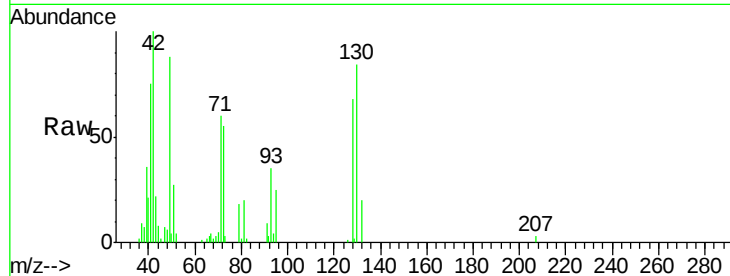




#29
Tetrahydrofuran
Concen: 90.934 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

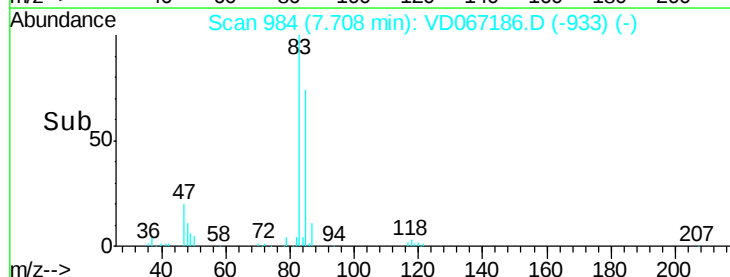
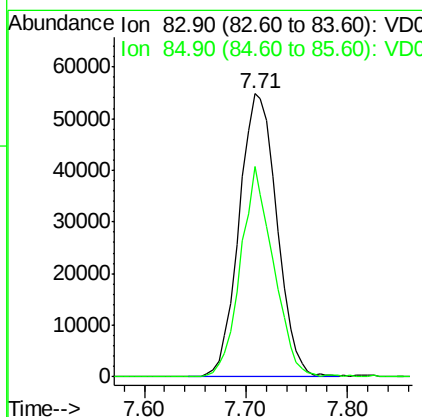
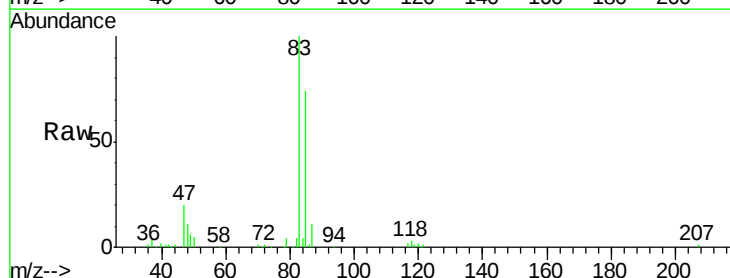
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

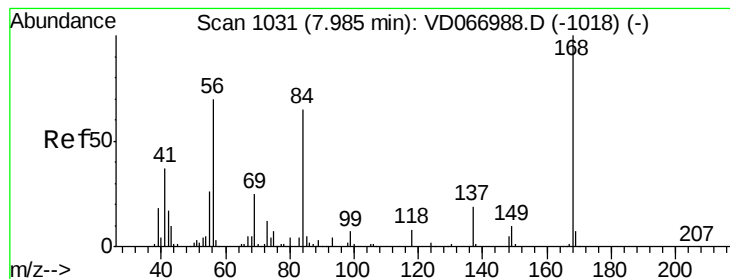
Tgt Ion: 42 Resp: 38626
Ion Ratio Lower Upper
42 100
72 51.0 39.1 58.7
71 51.2 34.2 51.4



#30
Chloroform
Concen: 21.371 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion: 83 Resp: 141753
Ion Ratio Lower Upper
83 100
85 74.4 52.3 78.5





#31

Cyclohexane

Concen: 17.859 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBSD01

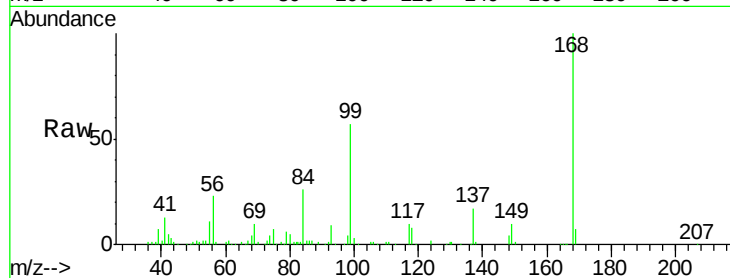
Tgt Ion: 56 Resp: 91550

Ion Ratio Lower Upper

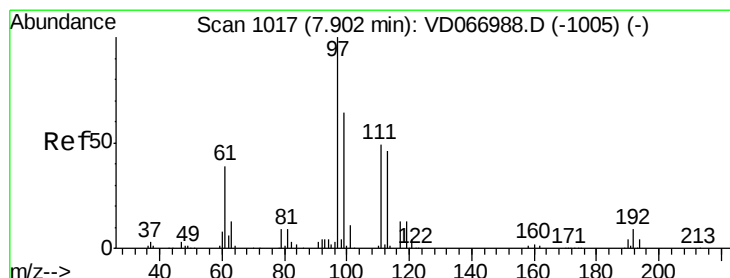
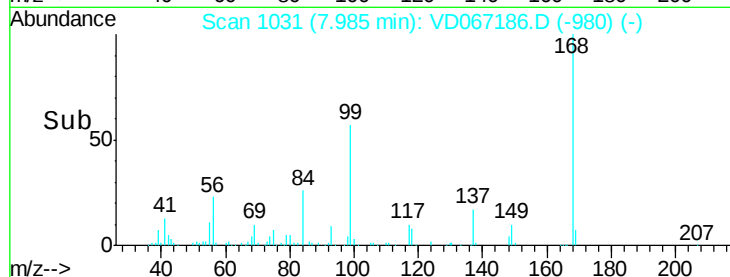
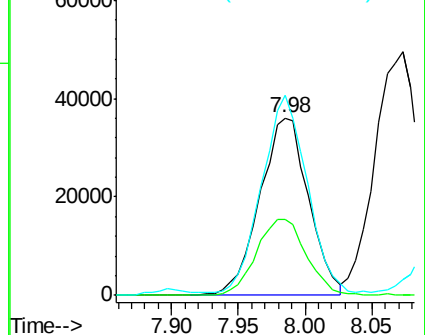
56 100

69 42.8 29.0 43.6

84 111.0 74.2 111.2



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



#32

1,1,1-Trichloroethane

Concen: 21.752 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

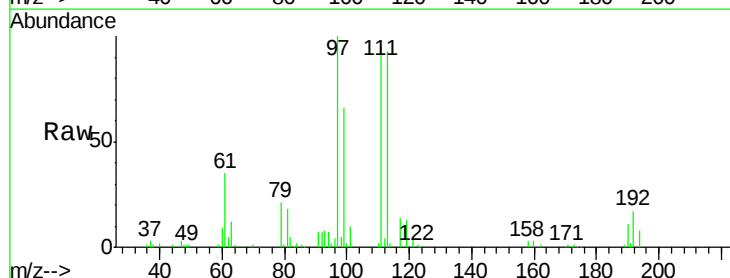
Tgt Ion: 97 Resp: 133716

Ion Ratio Lower Upper

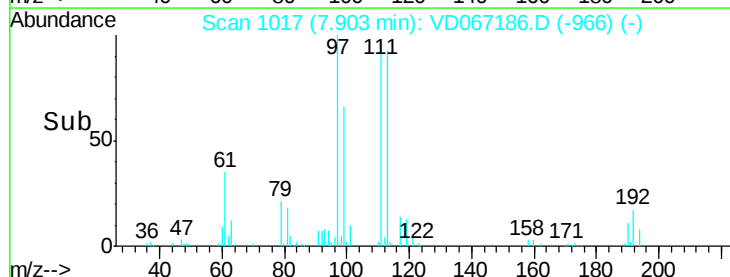
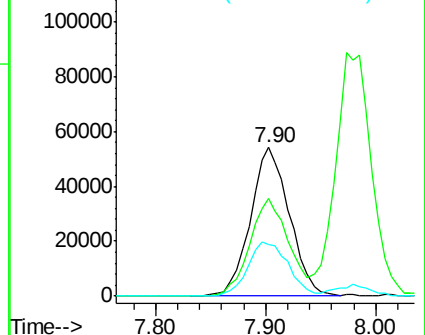
97 100

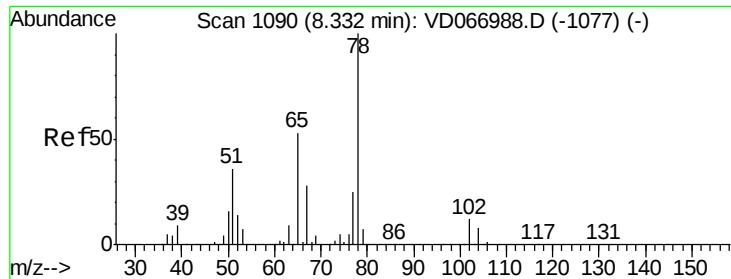
99 65.3 52.6 78.8

61 37.9 32.8 49.2



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





#33

1,2-Dichloroethane-d4

Concen: 51.671 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

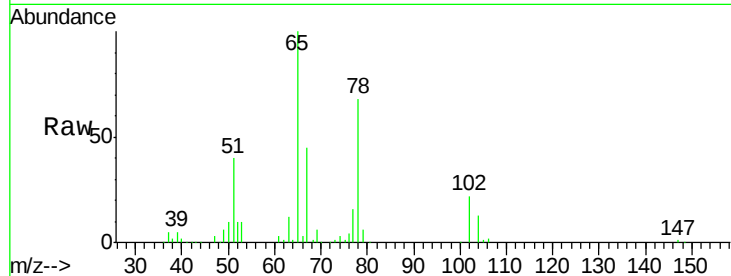
VD1008SBSD01

Tgt Ion: 65 Resp: 176375

Ion Ratio Lower Upper

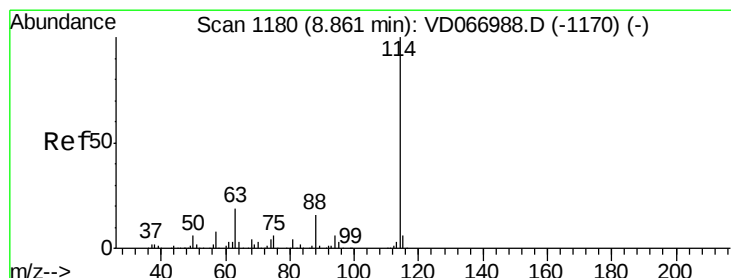
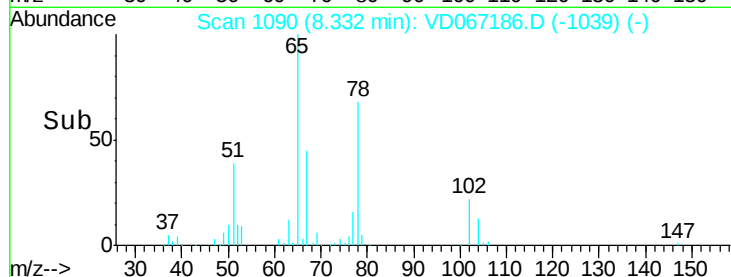
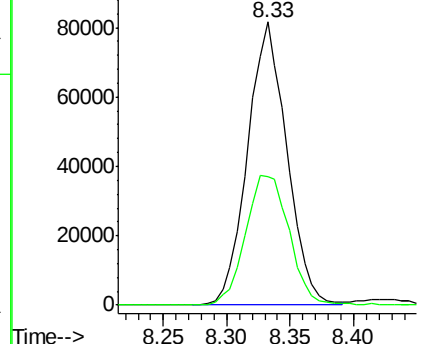
65 100

67 50.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

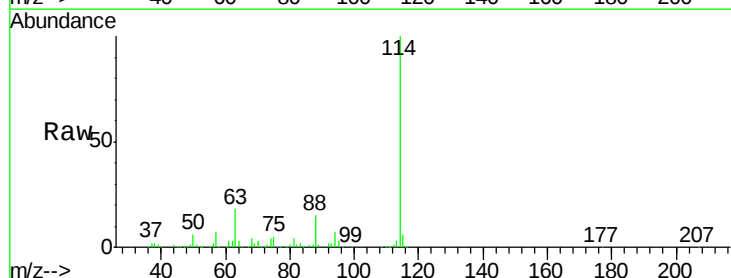
Tgt Ion: 114 Resp: 531149

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

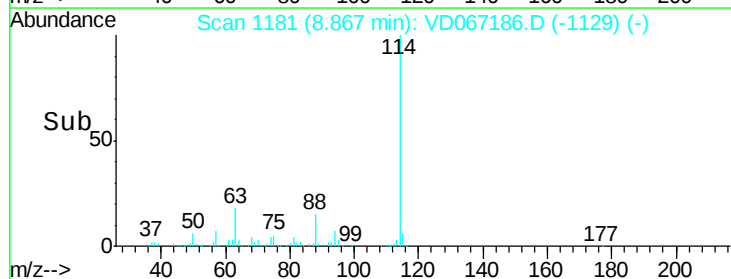
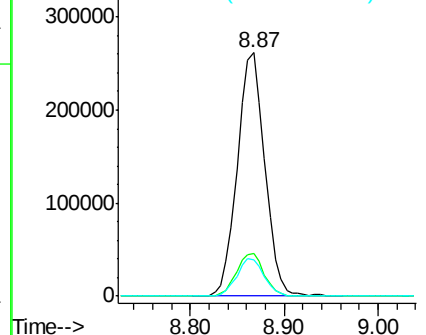
88 15.1 0.0 31.2

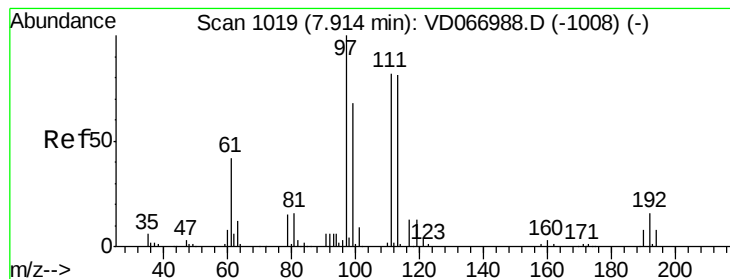


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 52.270 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBSD01

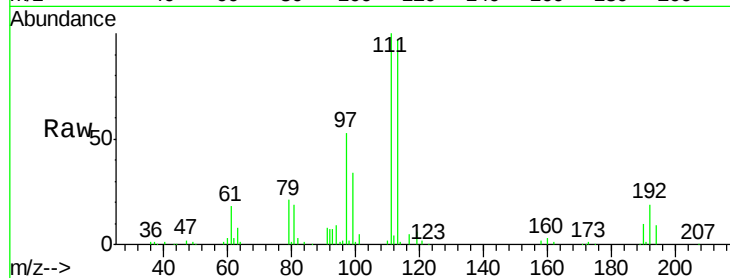
Tgt Ion:113 Resp: 181761

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

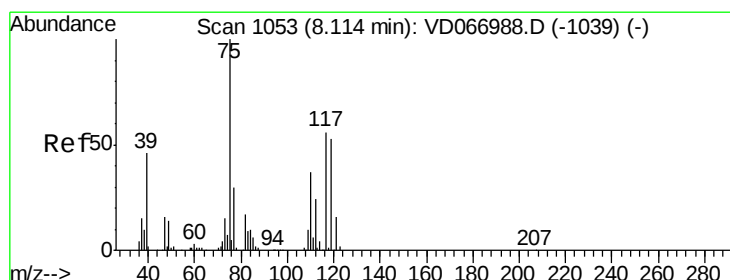
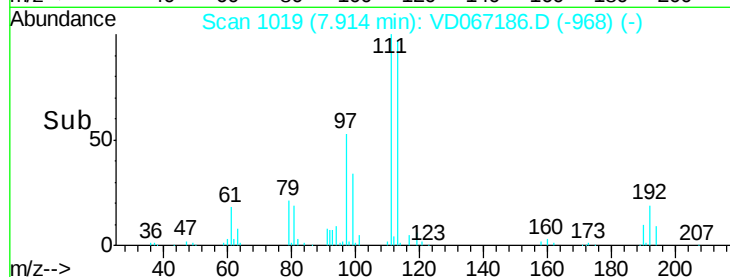
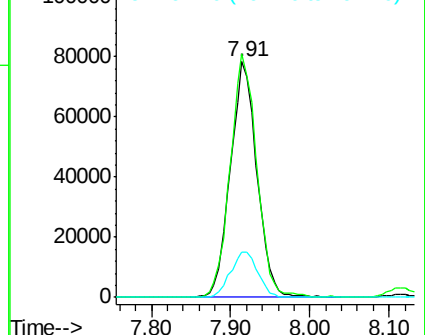
192 19.8 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.417 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

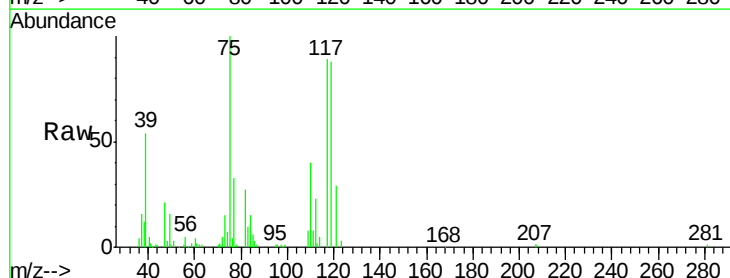
Tgt Ion: 75 Resp: 101080

Ion Ratio Lower Upper

75 100

110 40.1 18.4 55.0

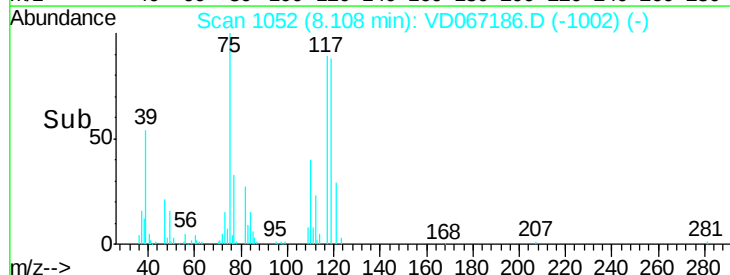
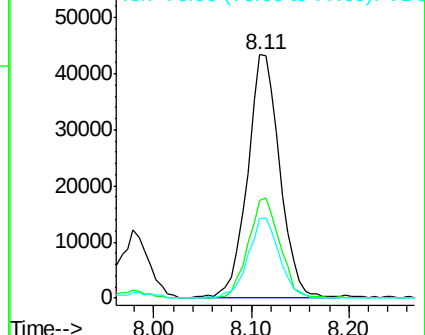
77 31.9 24.8 37.2

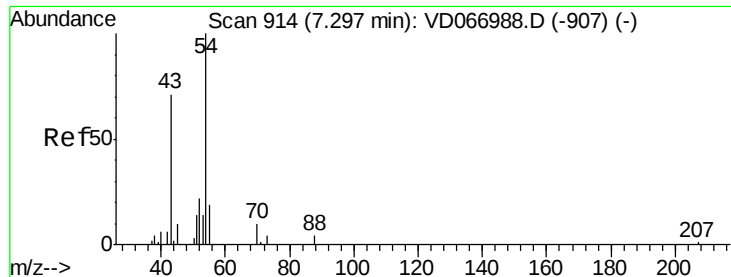


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

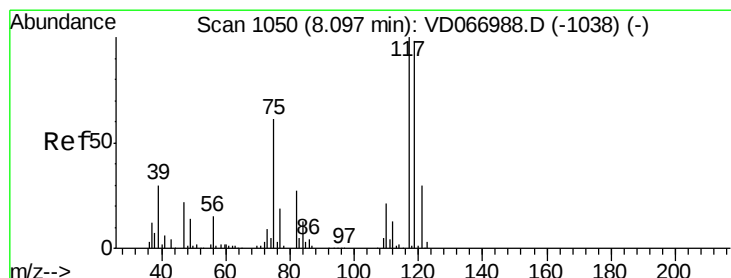
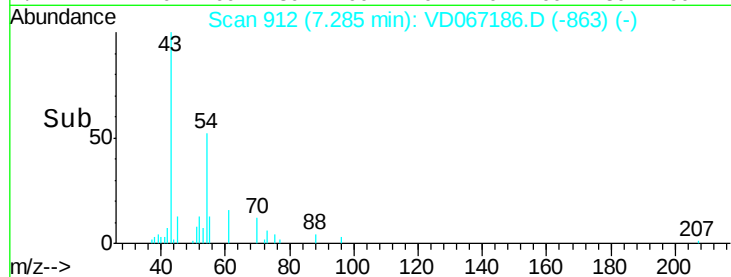
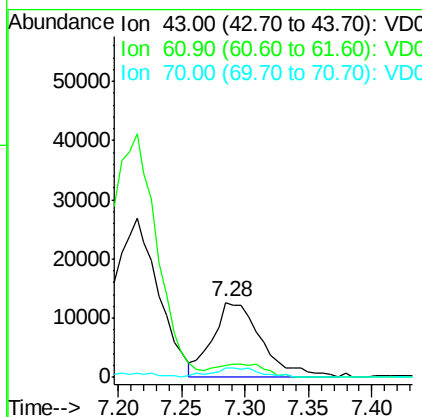
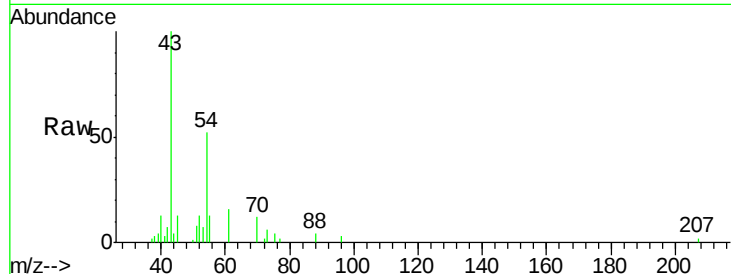




#37
 Ethyl Acetate
 Concen: 19.763 ug/l
 RT: 7.28 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

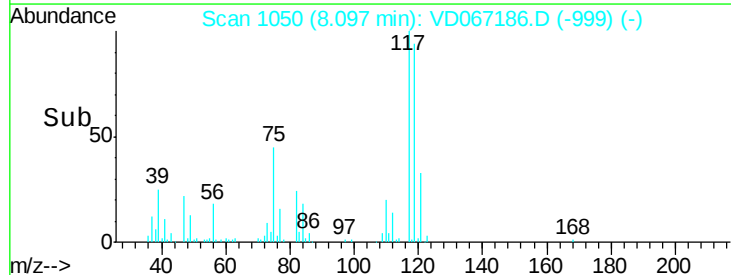
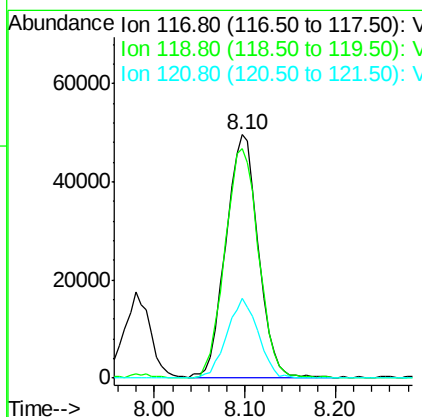
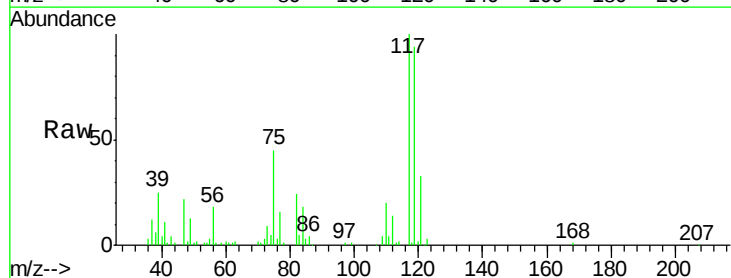
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBSD01

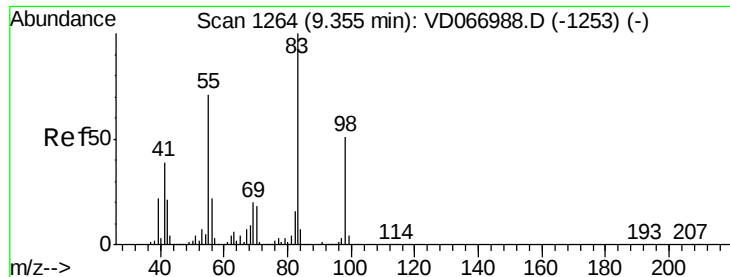
Tgt Ion: 43 Resp: 33896
 Ion Ratio Lower Upper
 43 100
 61 17.6 12.5 18.7
 70 12.4 9.4 14.0



#38
 Carbon Tetrachloride
 Concen: 23.202 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

Tgt Ion: 117 Resp: 124289
 Ion Ratio Lower Upper
 117 100
 119 94.3 78.7 118.1
 121 32.8 24.2 36.2

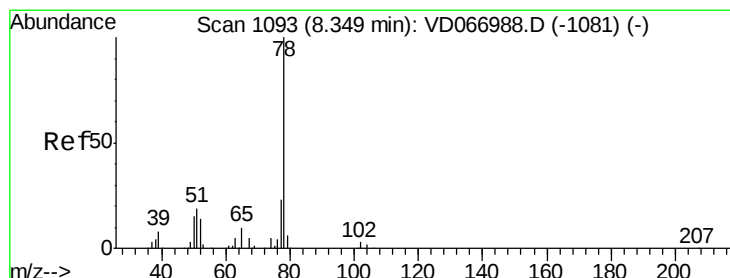
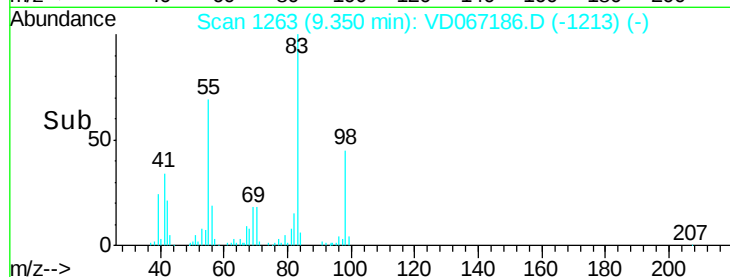
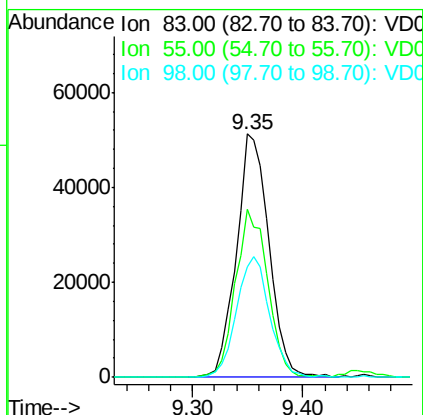
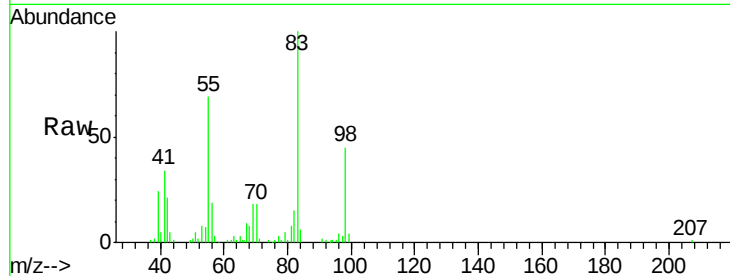




#39
Methylcyclohexane
Concen: 20.332 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

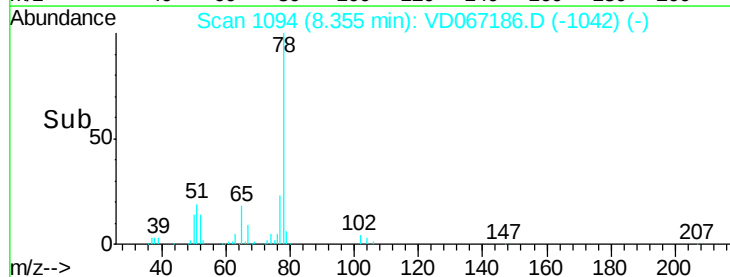
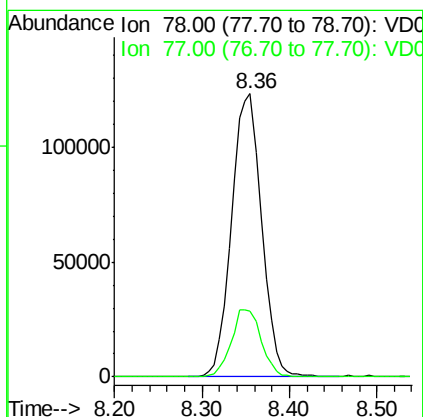
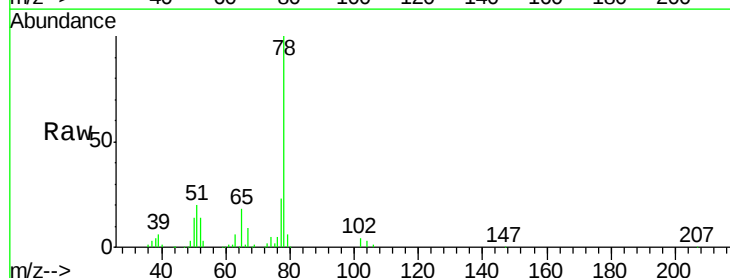
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

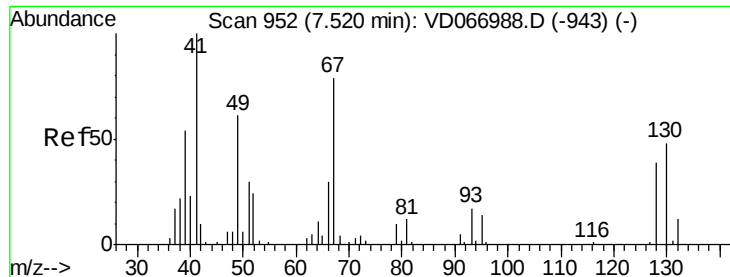
Tgt Ion: 83 Resp: 106423
Ion Ratio Lower Upper
83 100
55 68.8 57.1 85.7
98 45.5 40.9 61.3



#40
Benzene
Concen: 20.870 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion: 78 Resp: 286993
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6

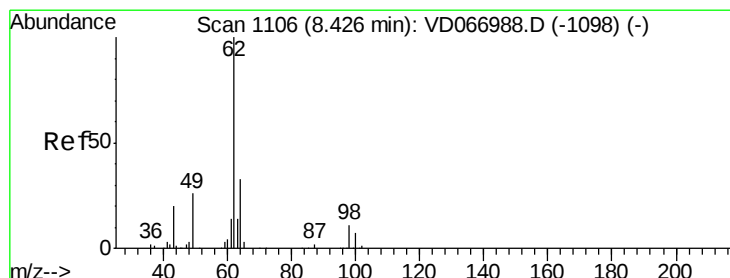
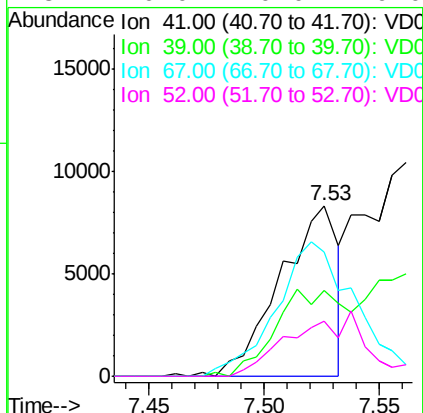
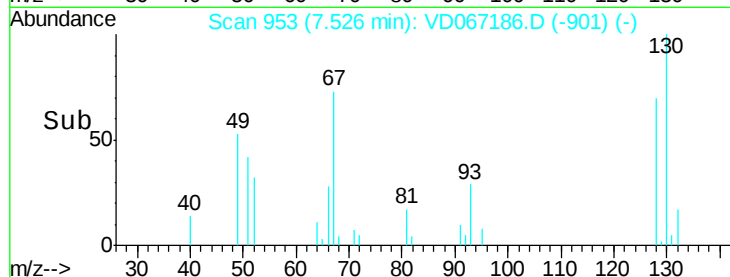
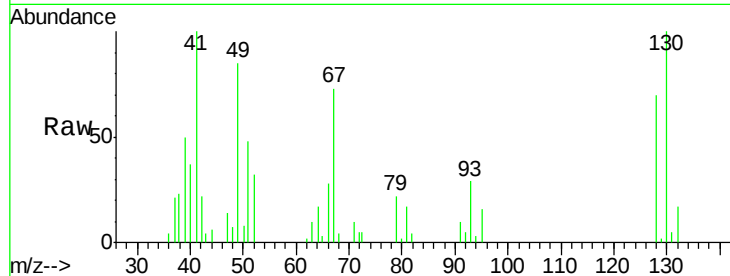




#41
Methacrylonitrile
Concen: 15.684 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

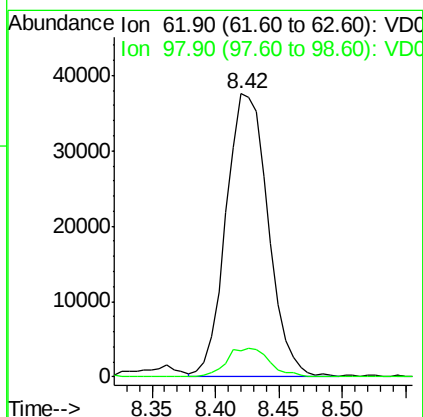
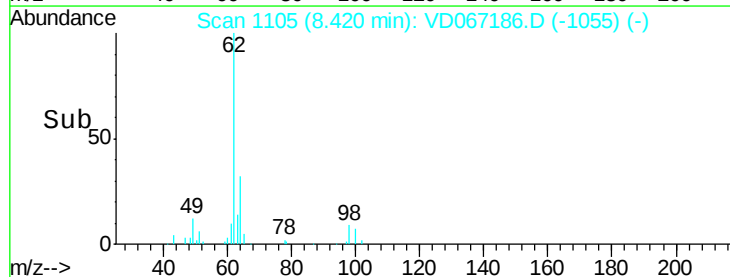
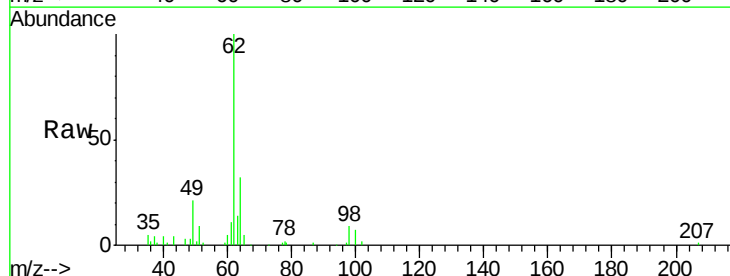
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

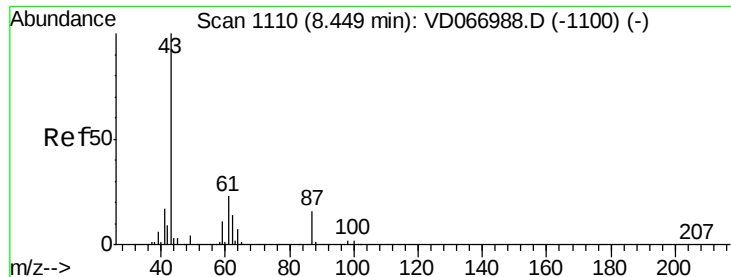
Tgt Ion: 41 Resp: 14533
Ion Ratio Lower Upper
41 100
39 61.7 0.0 0.0#
67 108.2 0.0 0.0#
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.552 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion: 62 Resp: 86657
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.6

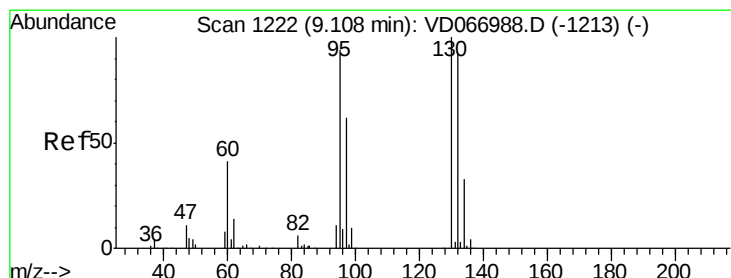
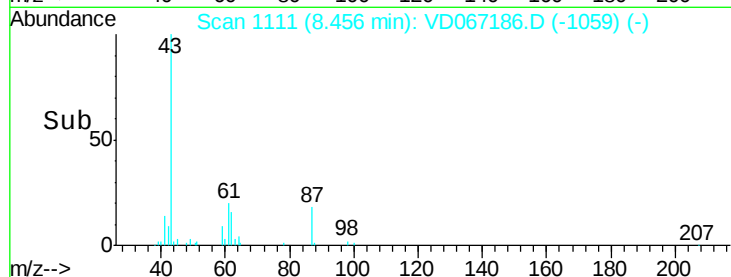
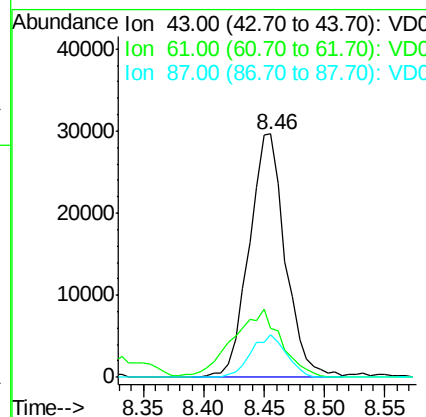
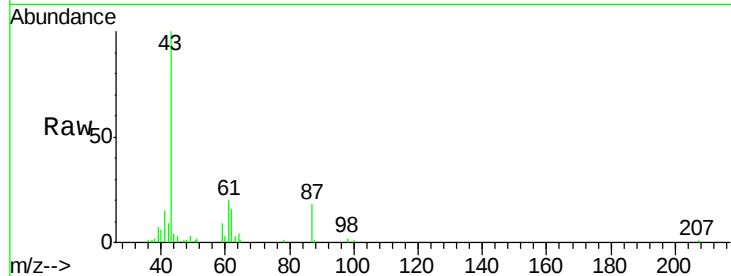




#43
Isopropyl Acetate
Concen: 19.535 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

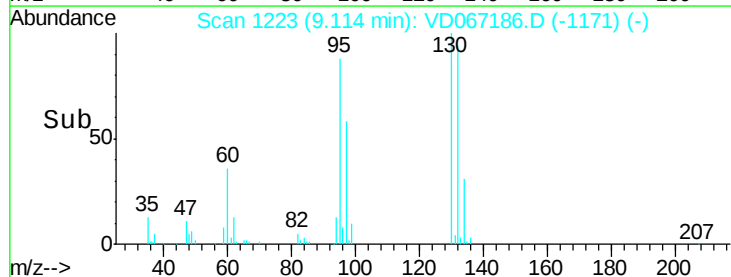
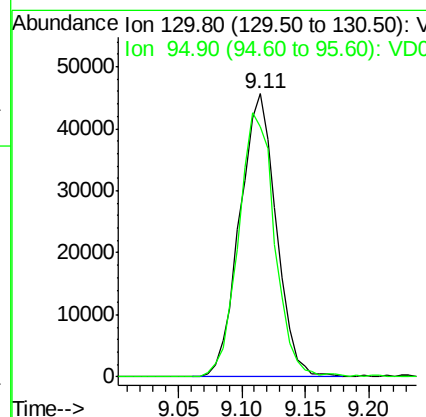
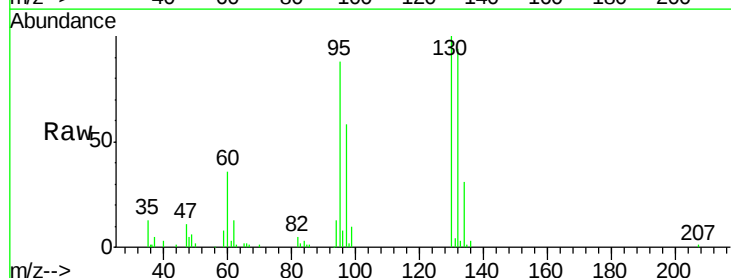
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

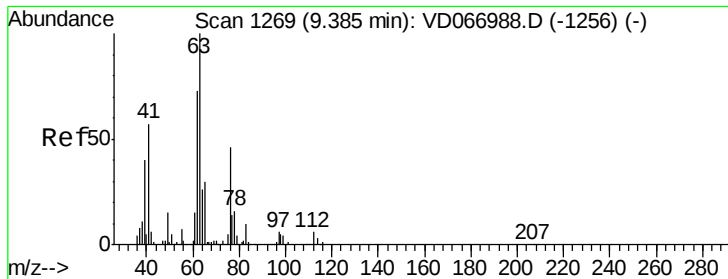
Tgt Ion: 43 Resp: 61724
Ion Ratio Lower Upper
43 100
61 37.3 27.1 40.7
87 17.1 12.3 18.5



#44
Trichloroethene
Concen: 22.147 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion: 130 Resp: 90944
Ion Ratio Lower Upper
130 100
95 88.2 0.0 187.8

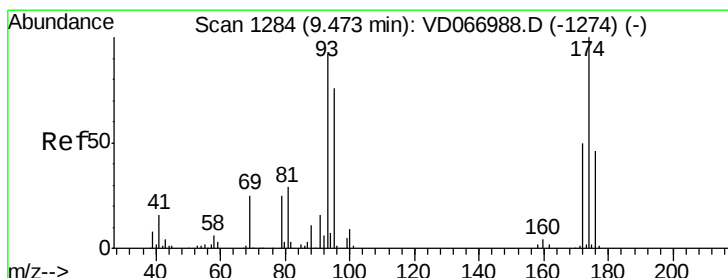
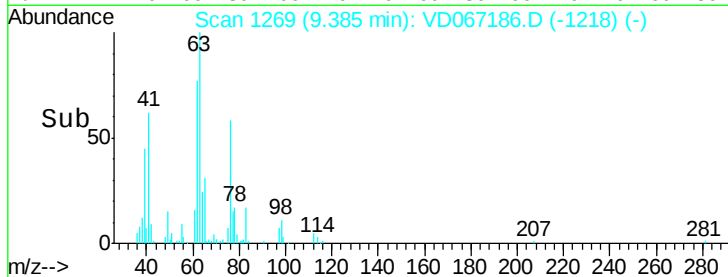
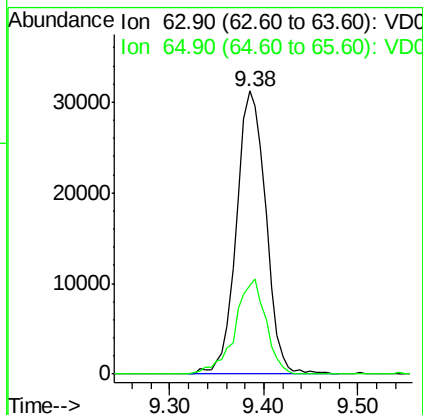
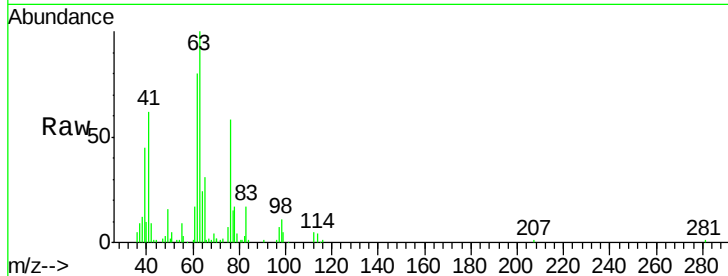




#45
 1,2-Dichloropropane
 Concen: 20.989 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

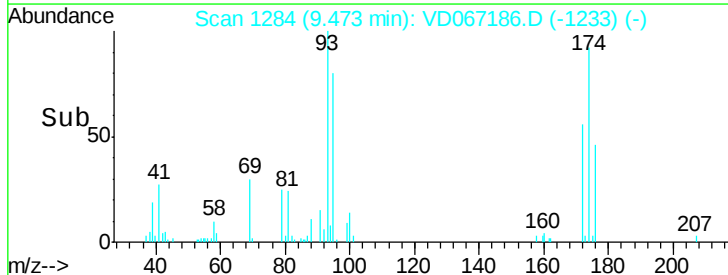
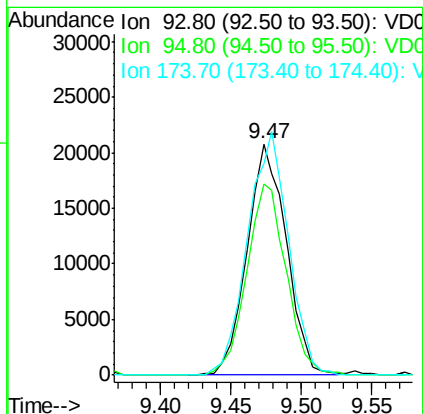
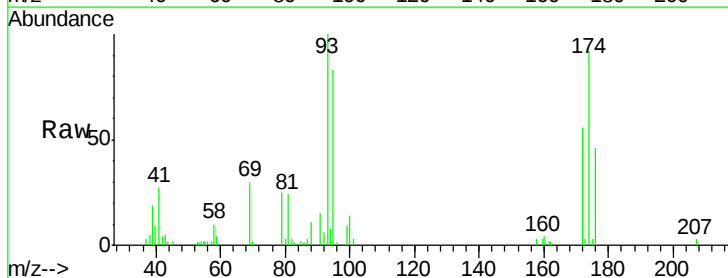
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBSD01

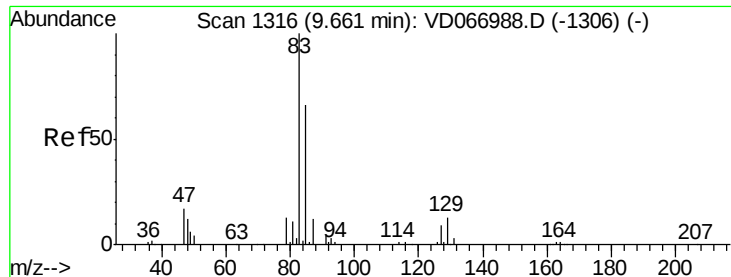
Tgt Ion: 63 Resp: 67815
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.7 35.5



#46
 Dibromomethane
 Concen: 21.850 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

Tgt Ion: 93 Resp: 40576
 Ion Ratio Lower Upper
 93 100
 95 83.1 64.7 97.1
 174 109.1 81.4 122.2

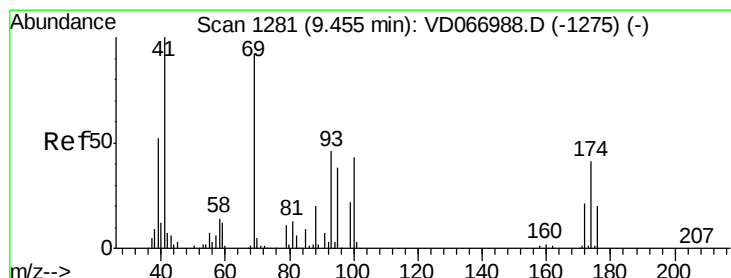
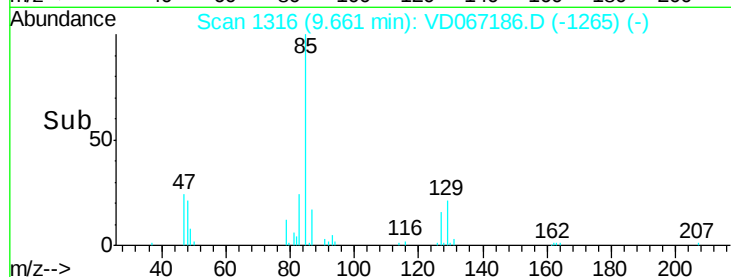
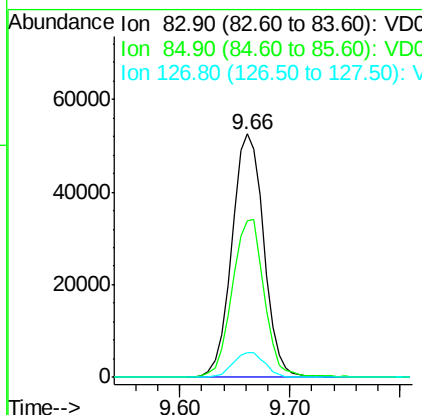
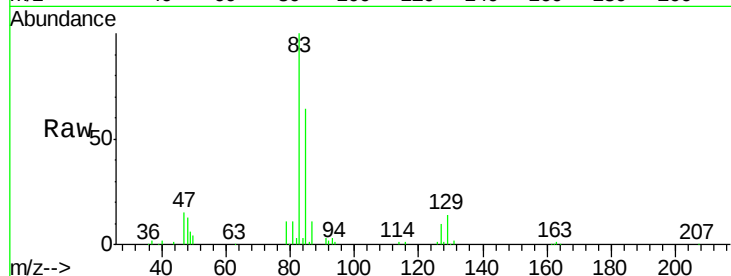




#47
Bromodichloromethane
Concen: 22.097 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

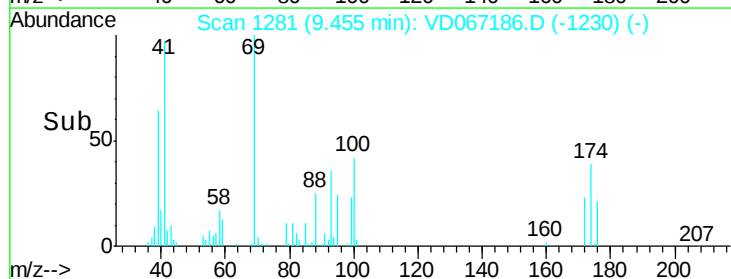
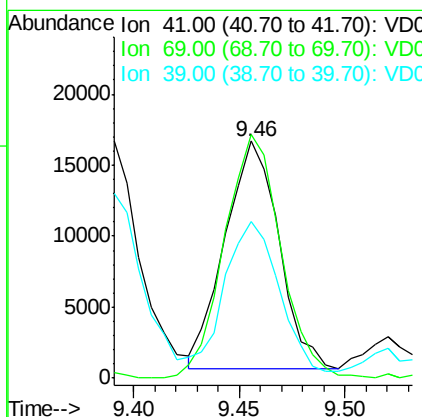
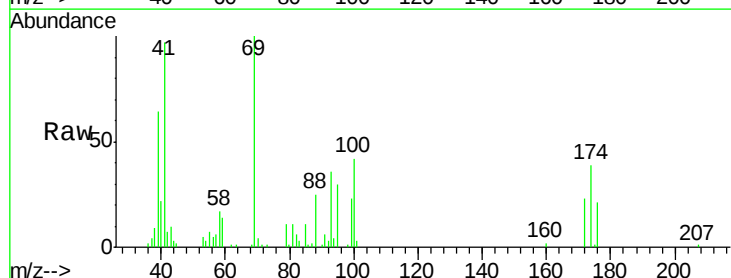
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

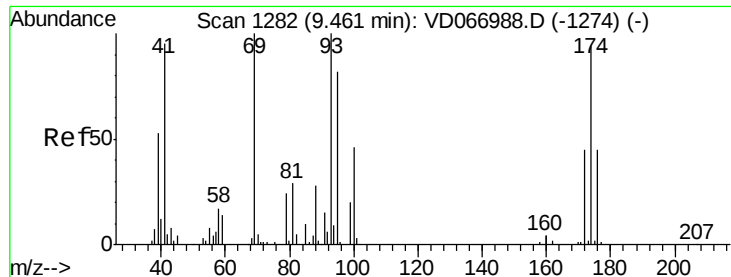
Tgt Ion: 83 Resp: 106667
Ion Ratio Lower Upper
83 100
85 64.4 52.9 79.3
127 10.4 7.3 10.9



#48
Methyl methacrylate
Concen: 17.463 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion: 41 Resp: 28267
Ion Ratio Lower Upper
41 100
69 112.9 68.5 102.7#
39 72.5 40.2 60.2#

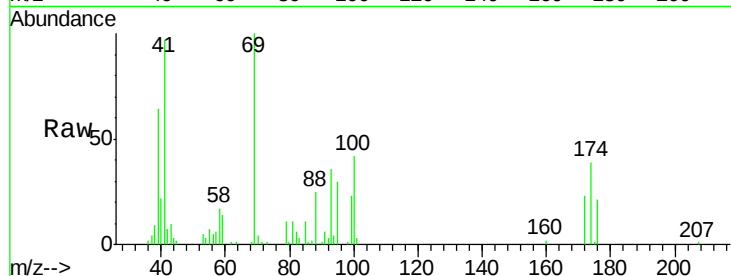




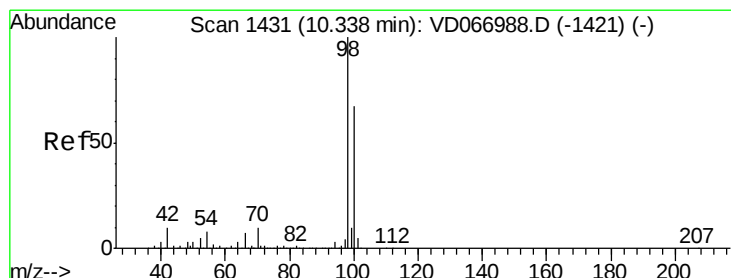
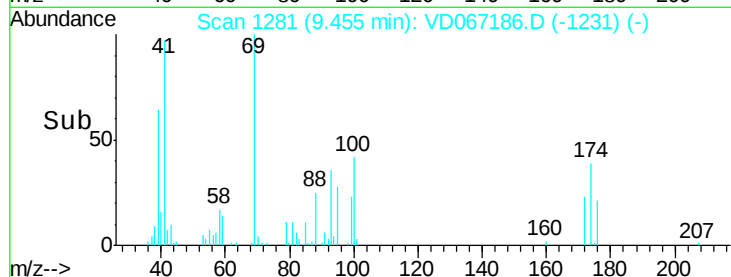
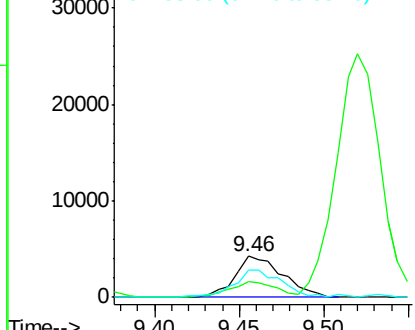
#49
1,4-Dioxane
Concen: 428.652 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

Tgt Ion: 88 Resp: 8308
Ion Ratio Lower Upper
88 100
43 38.3 25.6 38.4
58 67.7 53.5 80.3

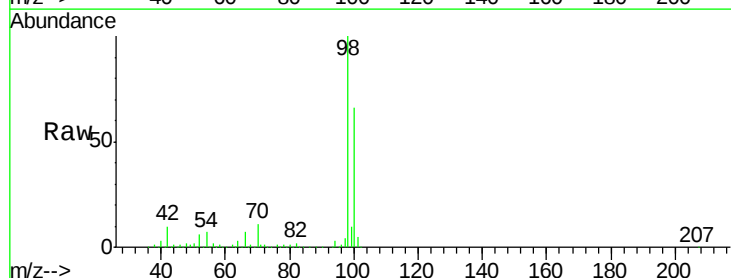


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

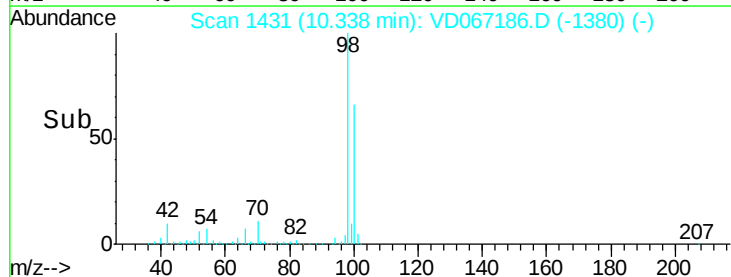
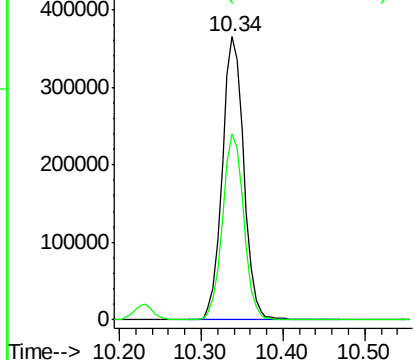


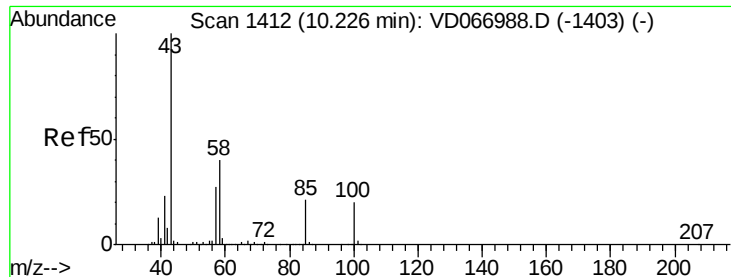
#50
Toluene-d8
Concen: 52.660 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion: 98 Resp: 667249
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



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

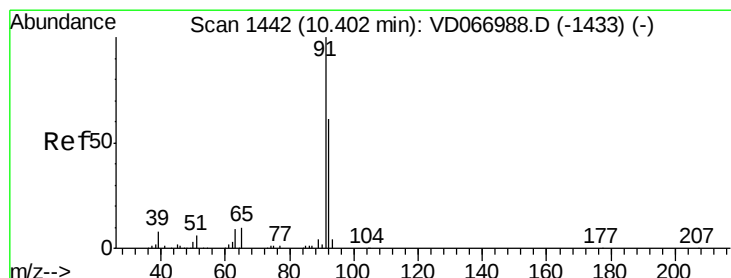
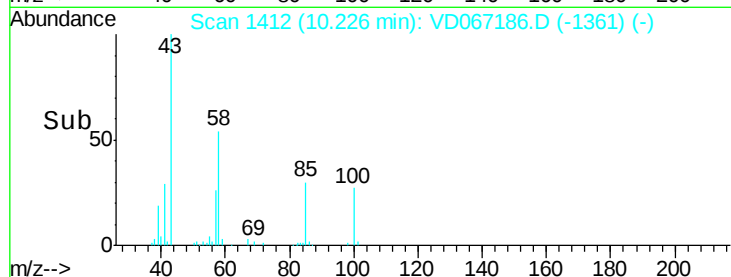
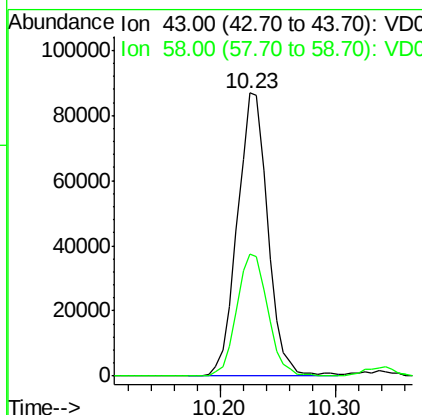
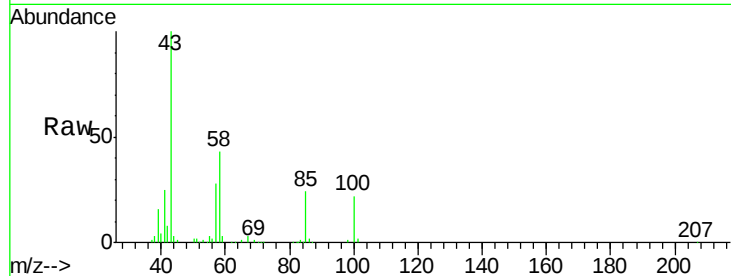




#51
 4-Methyl-2-Pentanone
 Concen: 100.979 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

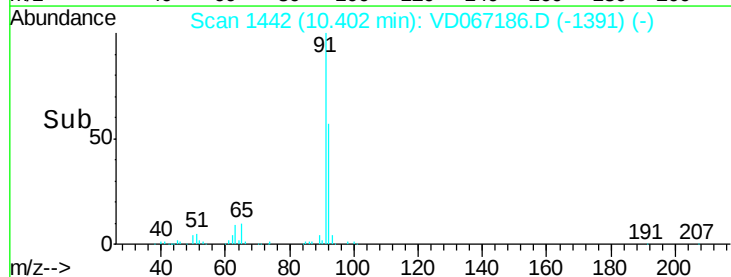
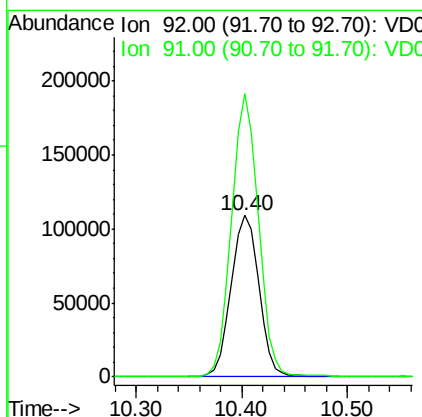
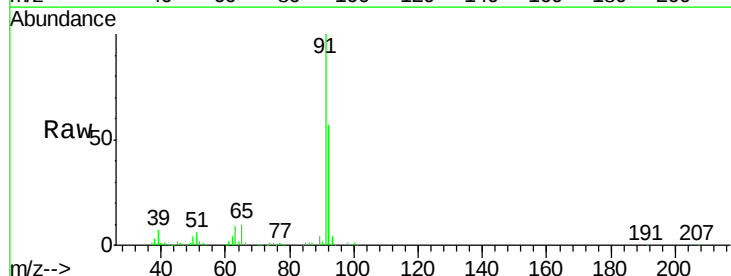
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBSD01

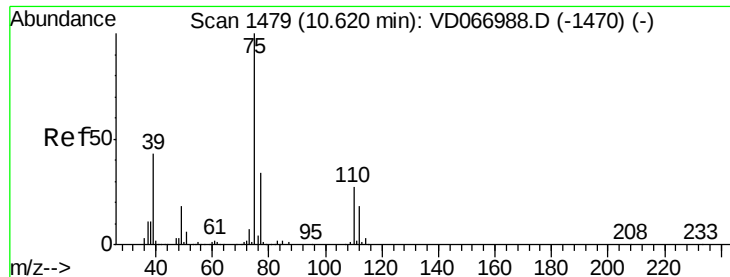
Tgt Ion: 43 Resp: 158921
 Ion Ratio Lower Upper
 43 100
 58 44.2 33.8 50.8



#52
 Toluene
 Concen: 22.508 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

Tgt Ion: 92 Resp: 199378
 Ion Ratio Lower Upper
 92 100
 91 168.0 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 22.255 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

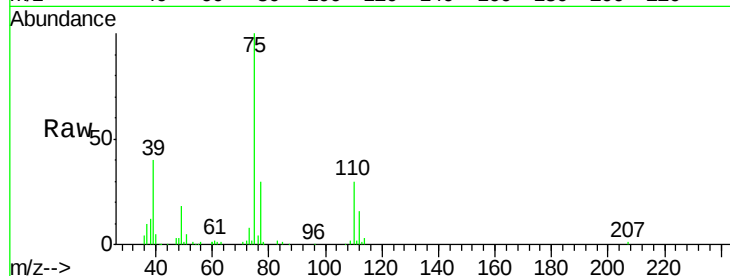
VD1008SBSD01

Tgt Ion: 75 Resp: 96017

Ion Ratio Lower Upper

75 100

77 30.2 27.1 40.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

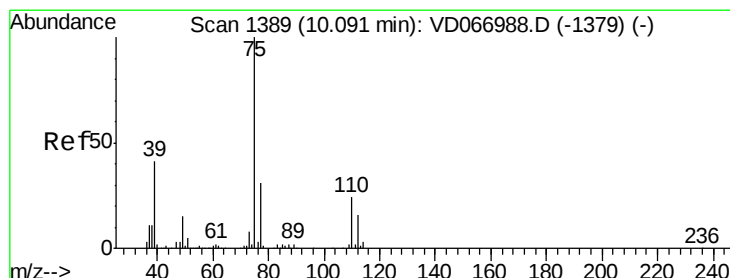
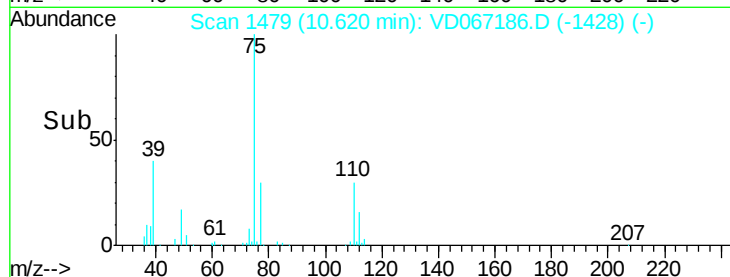
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 21.659 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

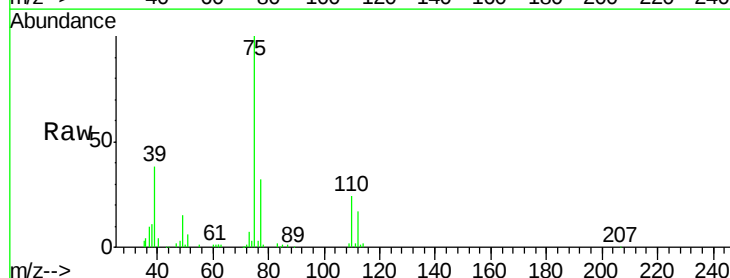
Tgt Ion: 75 Resp: 114107

Ion Ratio Lower Upper

75 100

77 32.5 24.6 37.0

39 38.5 33.0 49.4



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

10.09

80000

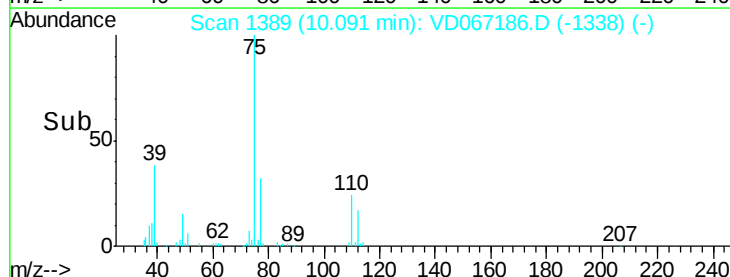
60000

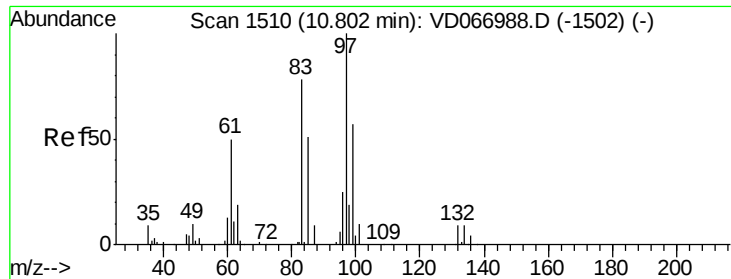
40000

20000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 22.236 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBSD01

Tgt Ion: 97 Resp: 57411

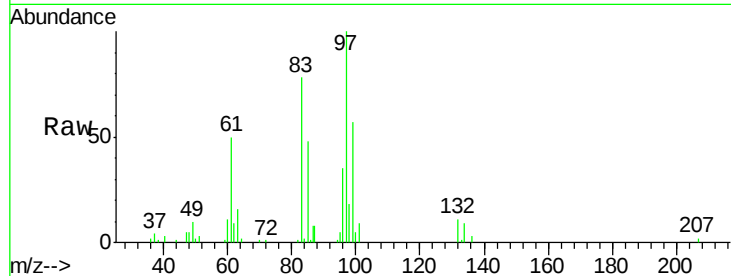
Ion Ratio Lower Upper

97 100

83 78.1 62.4 93.6

85 47.9 41.0 61.4

99 56.6 45.9 68.9



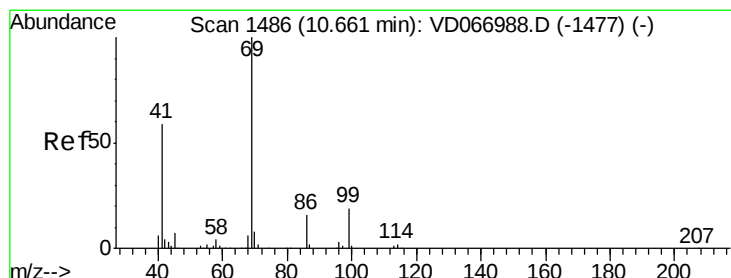
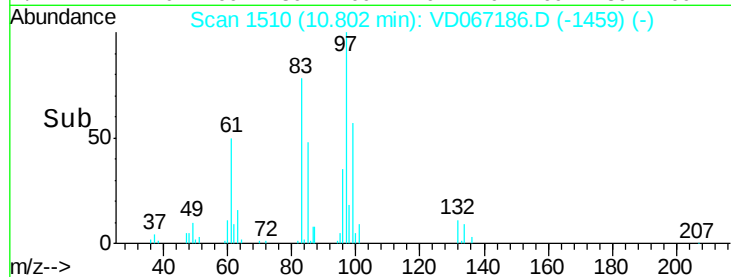
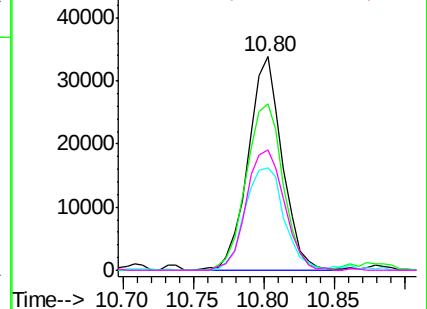
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 22.338 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

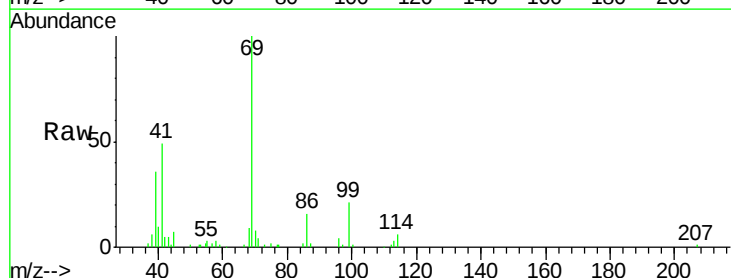
Tgt Ion: 69 Resp: 59544

Ion Ratio Lower Upper

69 100

41 55.1 46.4 69.6

39 32.4 23.8 35.6

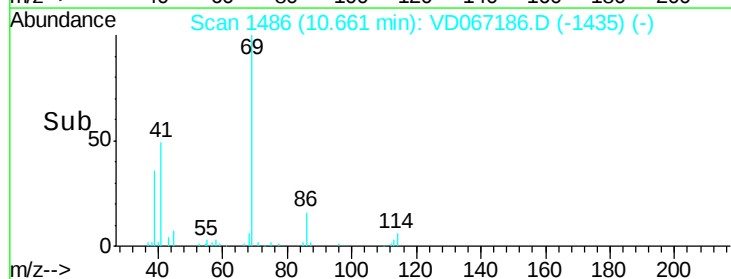
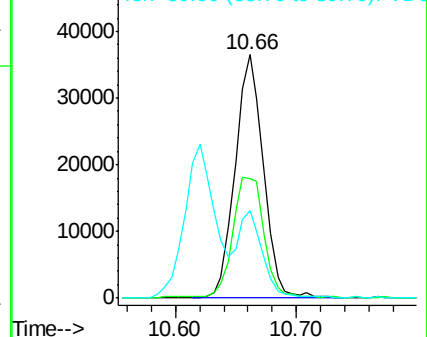


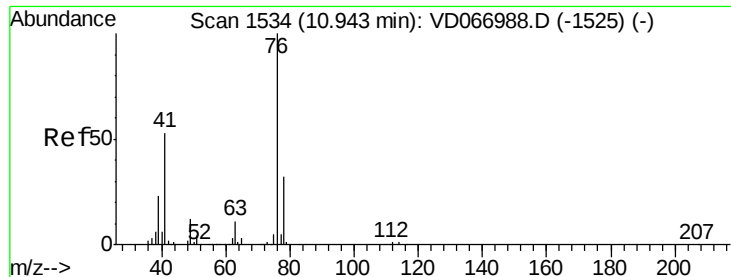
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.644 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

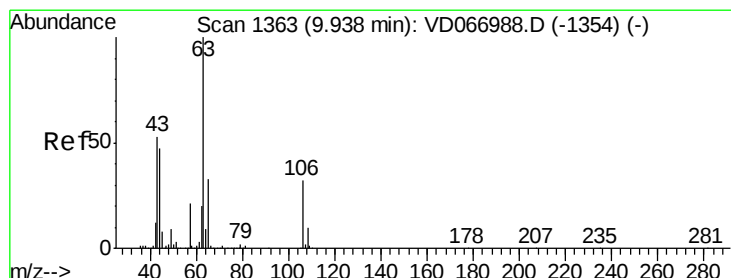
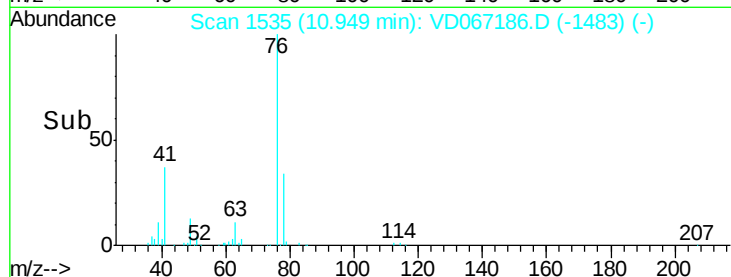
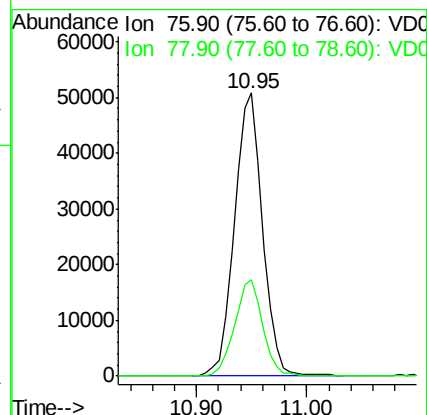
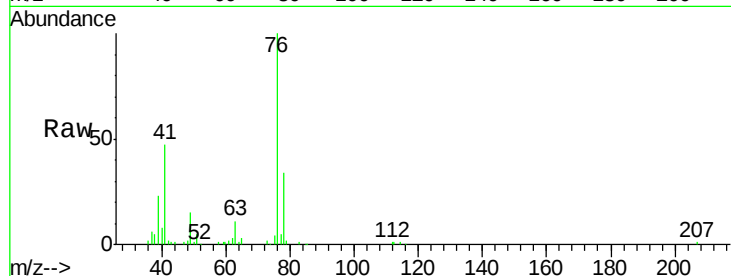
VD1008SBSD01

Tgt Ion: 76 Resp: 90617

Ion Ratio Lower Upper

76 100

78 33.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.028 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VD067186.D

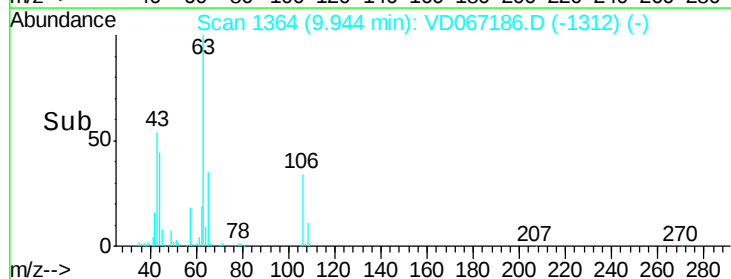
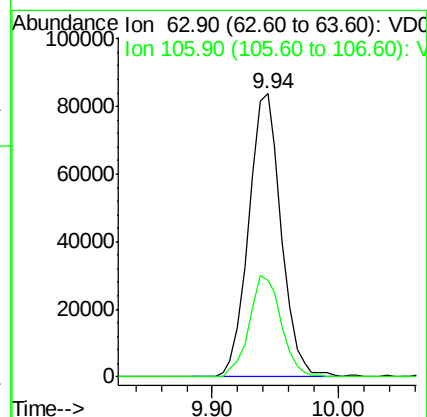
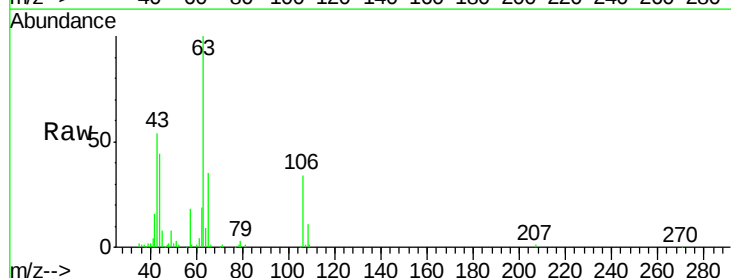
Acq: 08 Oct 2020 11:24

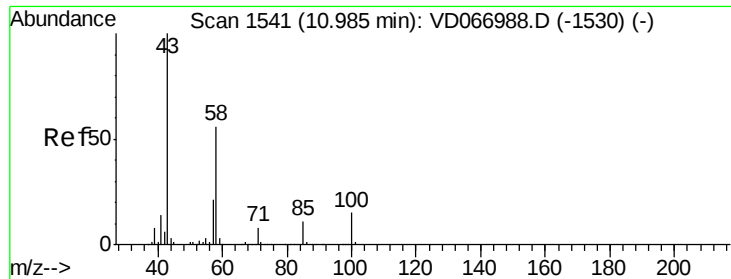
Tgt Ion: 63 Resp: 149889

Ion Ratio Lower Upper

63 100

106 35.4 25.3 37.9

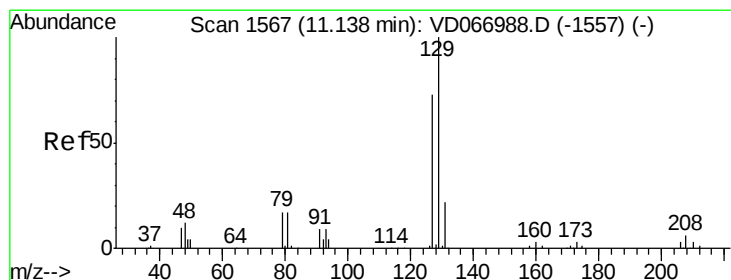
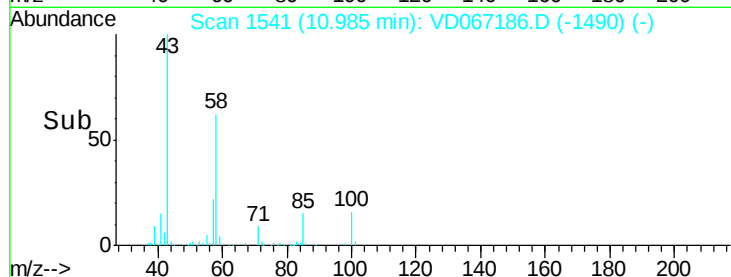
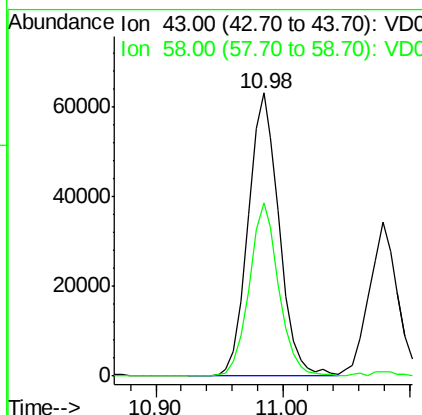
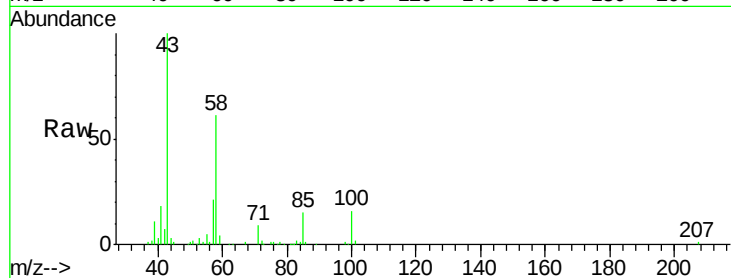




#59
2-Hexanone
Concen: 101.894 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

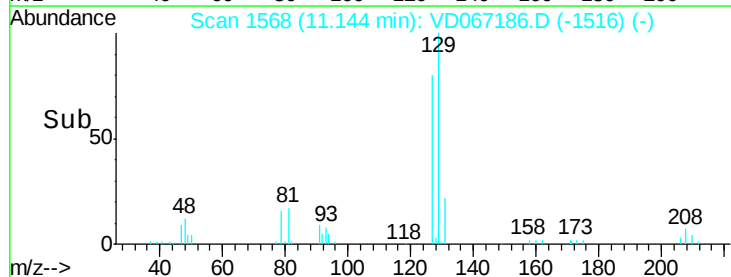
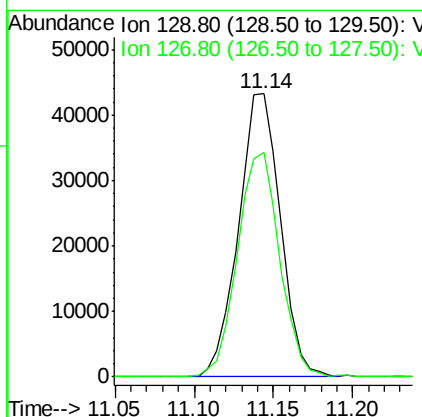
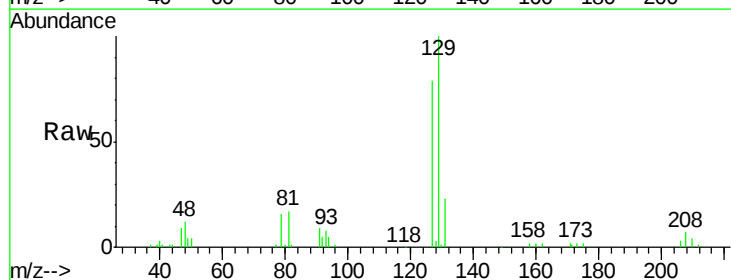
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

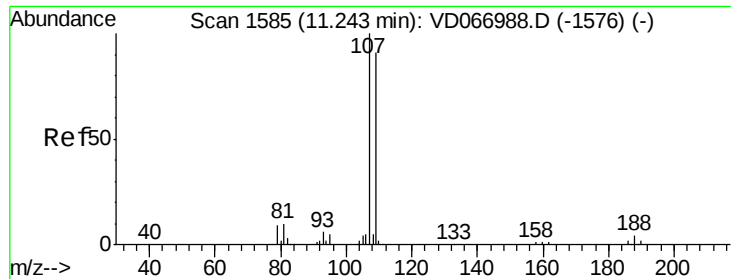
Tgt Ion: 43 Resp: 107032
Ion Ratio Lower Upper
43 100
58 58.6 28.3 84.9



#60
Dibromochloromethane
Concen: 23.030 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion: 129 Resp: 79250
Ion Ratio Lower Upper
129 100
127 79.9 37.4 112.1

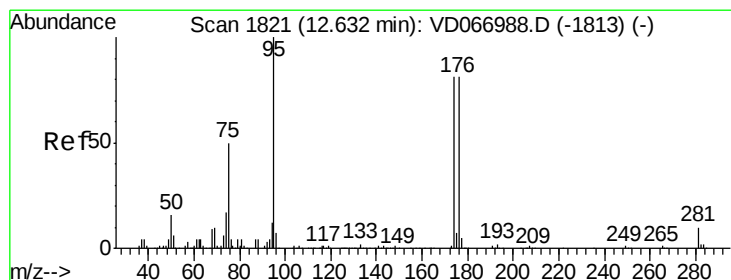
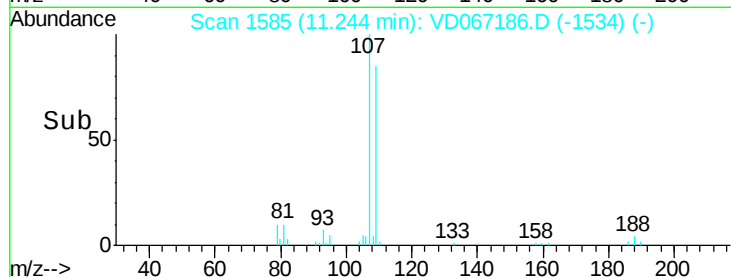
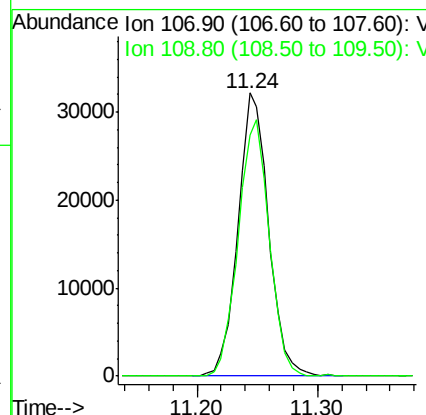
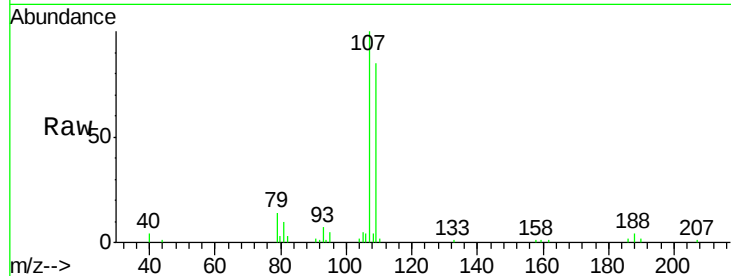




#61
 1,2-Dibromoethane
 Concen: 22.867 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

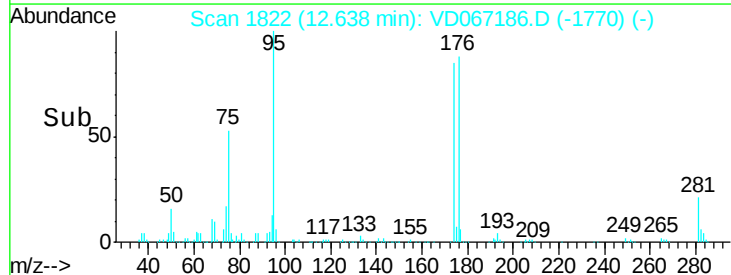
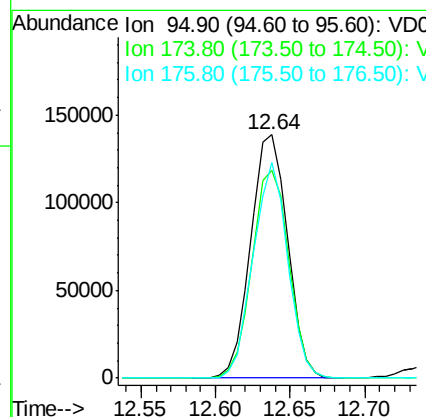
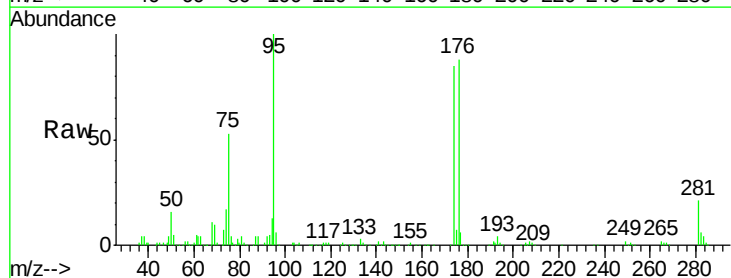
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBSD01

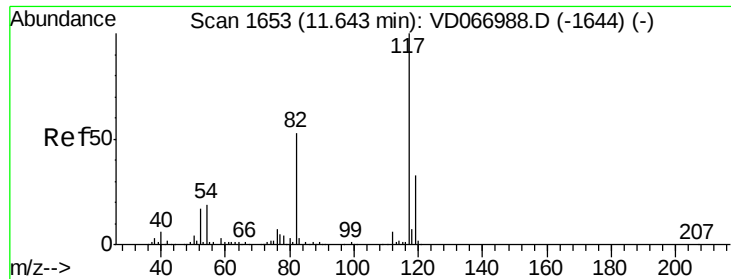
Tgt Ion: 107 Resp: 56720
 Ion Ratio Lower Upper
 107 100
 109 91.6 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 55.168 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

Tgt Ion: 95 Resp: 237307
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 167.6
 176 82.9 0.0 162.4

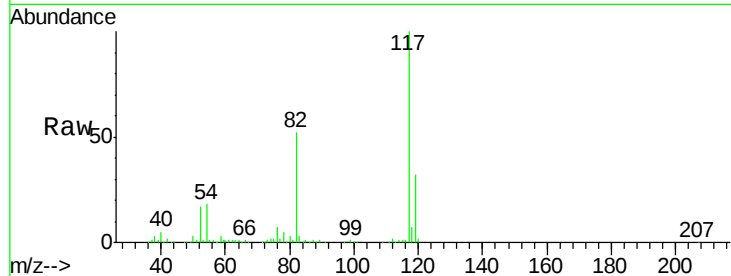




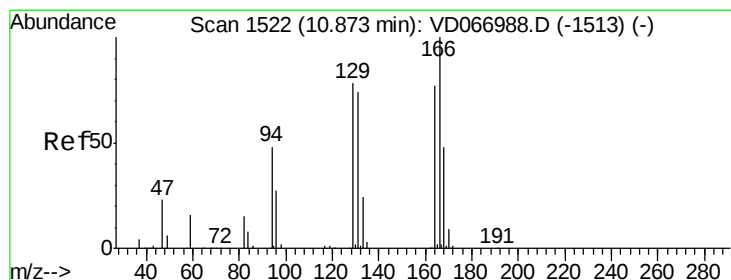
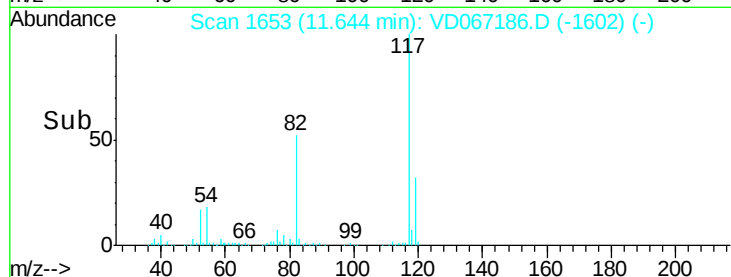
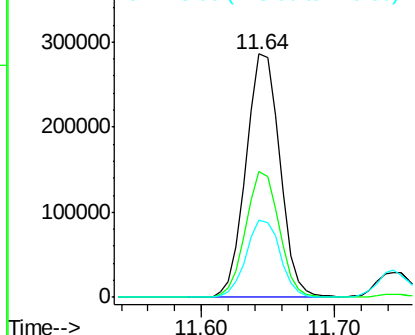
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

Tgt Ion:117 Resp: 501876
Ion Ratio Lower Upper
117 100
82 51.9 42.6 63.8
119 31.8 26.3 39.5

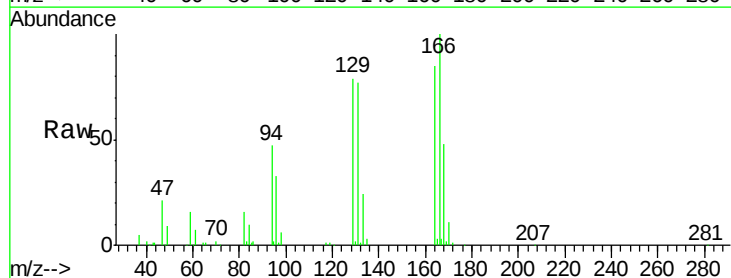


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

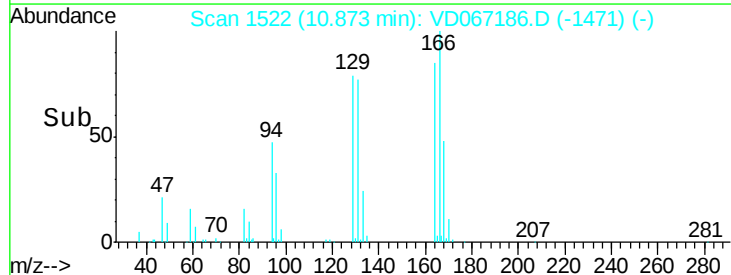
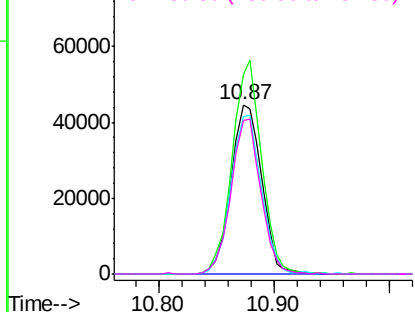


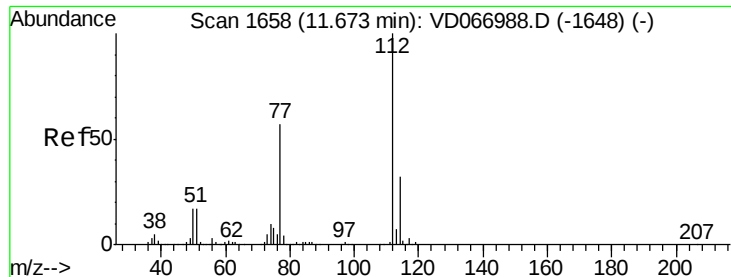
#64
Tetrachloroethene
Concen: 22.442 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion:164 Resp: 81884
Ion Ratio Lower Upper
164 100
166 118.1 104.4 156.6
129 93.0 81.3 121.9
131 91.0 77.1 115.7



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

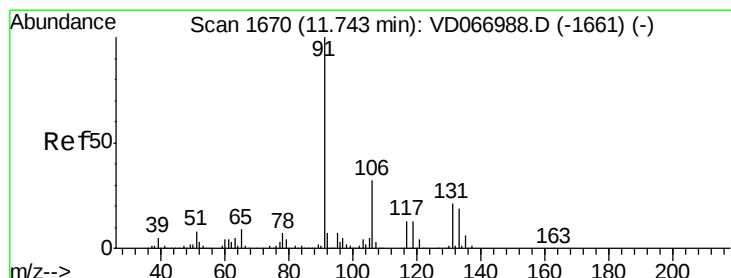
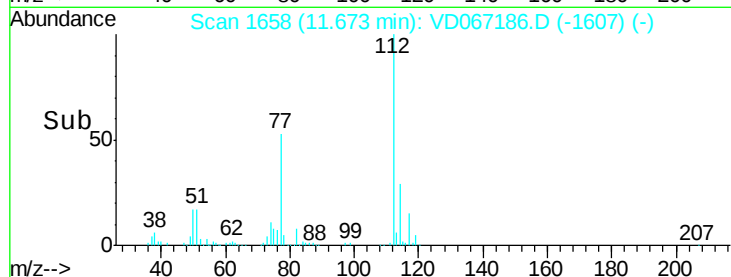
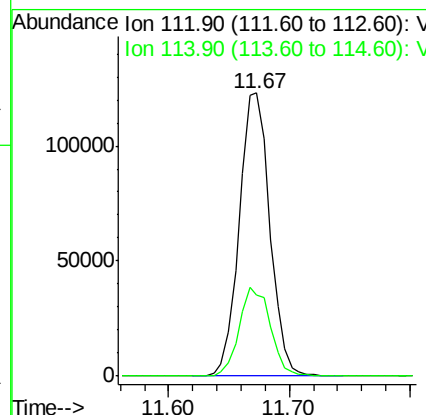
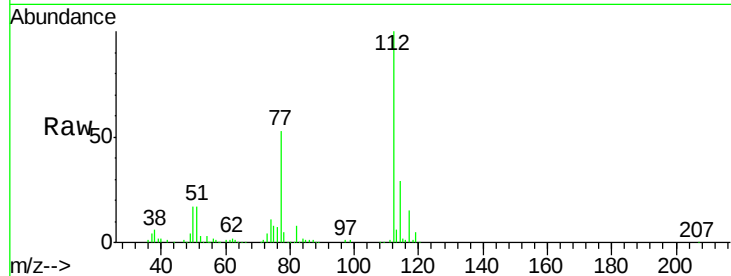




#65
Chlorobenzene
Concen: 21.812 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

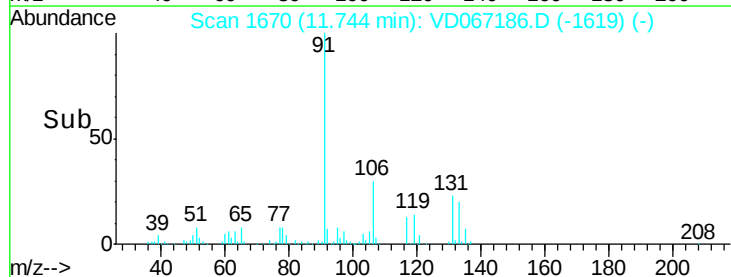
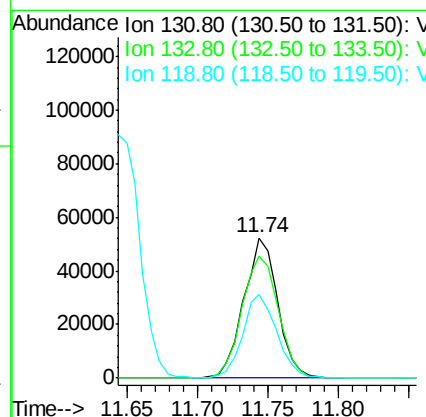
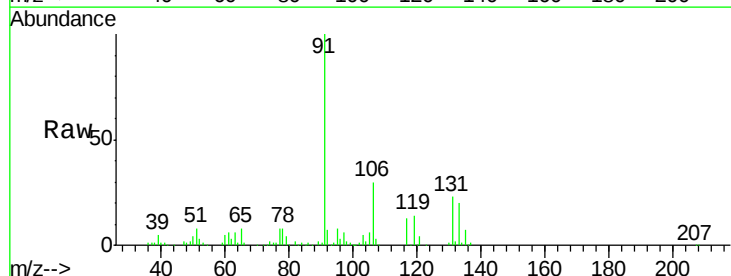
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

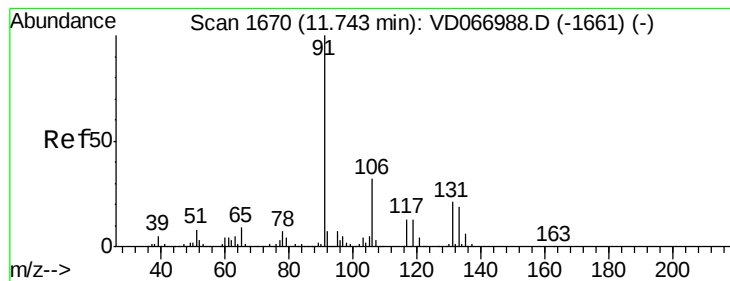
Tgt Ion:112 Resp: 217718
Ion Ratio Lower Upper
112 100
114 28.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 23.121 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion:131 Resp: 87786
Ion Ratio Lower Upper
131 100
133 93.7 47.8 143.3
119 60.2 32.3 96.8





#67

Ethyl Benzene

Concen: 21.810 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

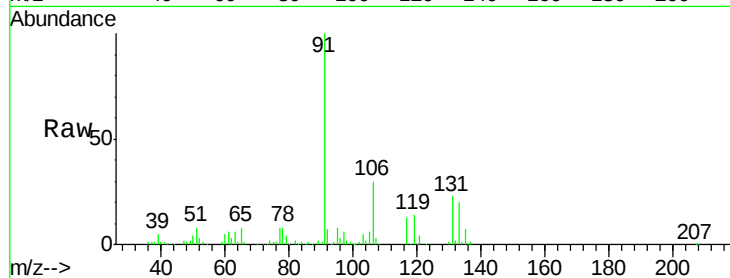
VD1008SBSD01

Tgt Ion: 91 Resp: 373001

Ion Ratio Lower Upper

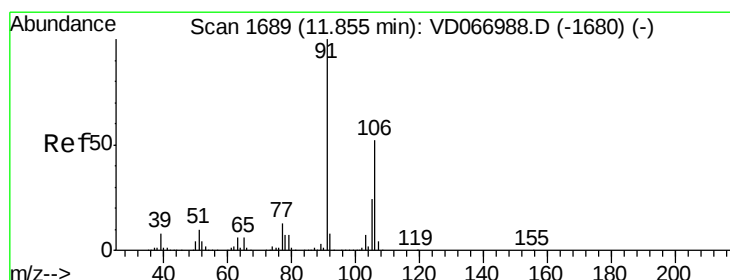
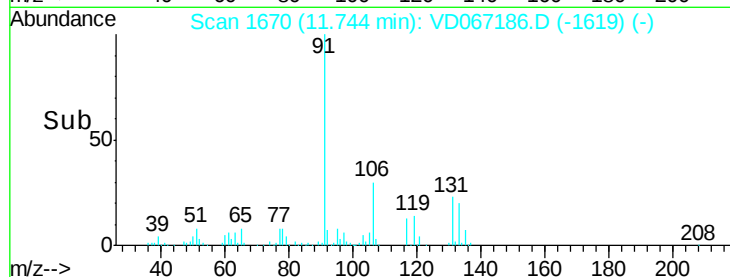
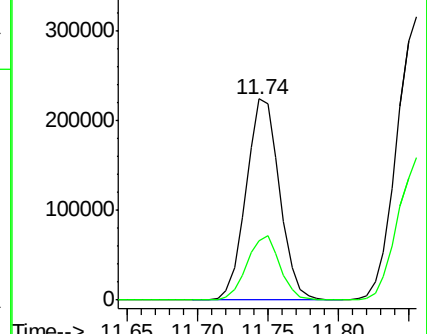
91 100

106 29.7 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 43.811 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067186.D

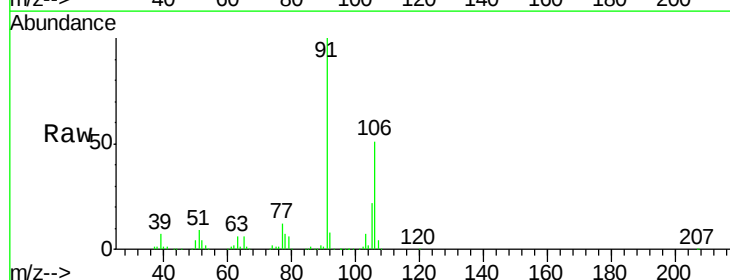
Acq: 08 Oct 2020 11:24

Tgt Ion: 106 Resp: 292006

Ion Ratio Lower Upper

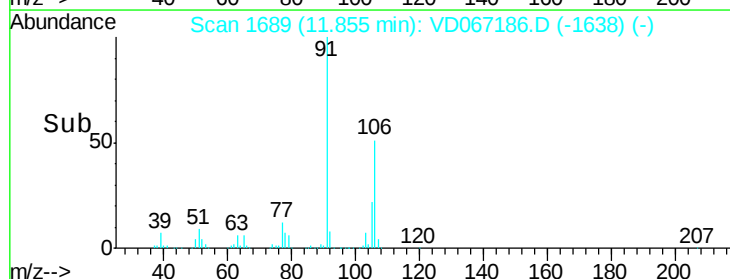
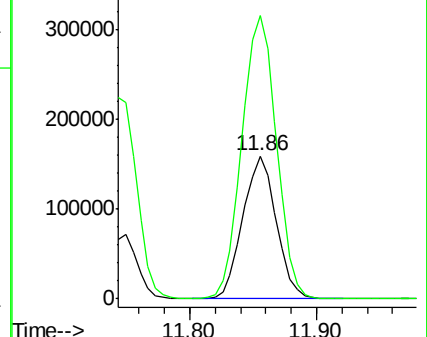
106 100

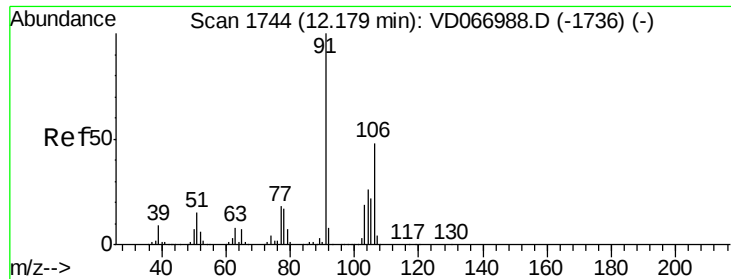
91 203.9 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

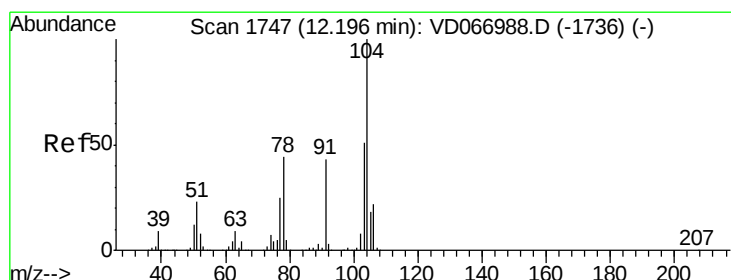
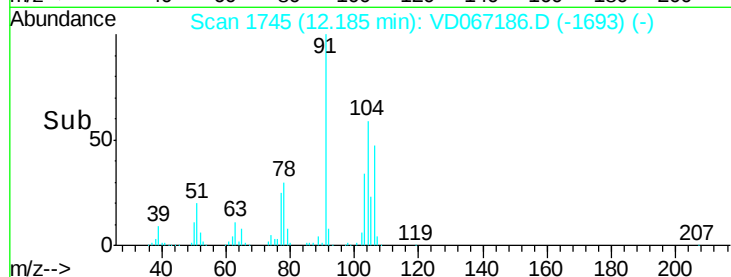
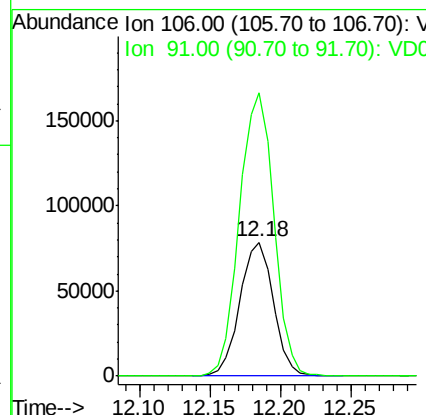
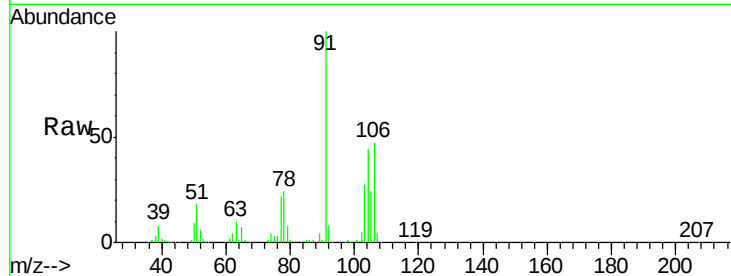




#69
o-Xylene
Concen: 21.938 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

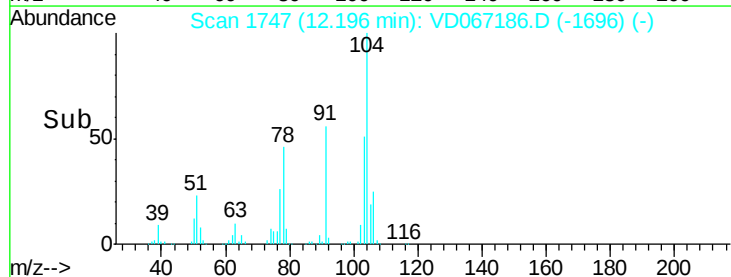
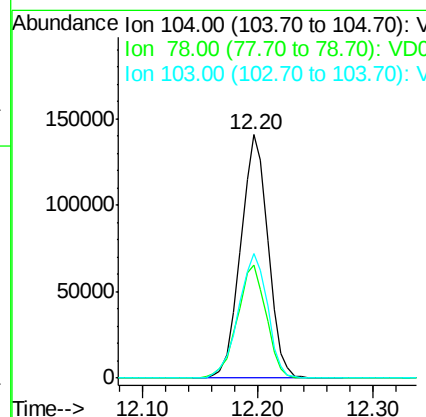
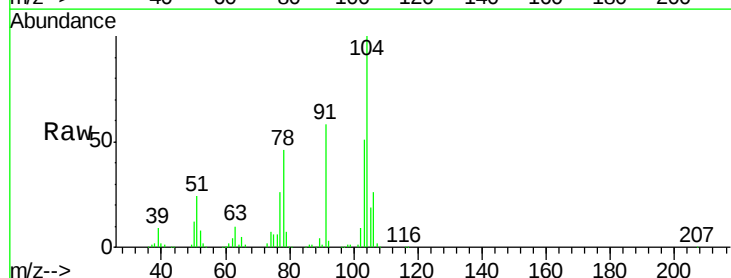
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

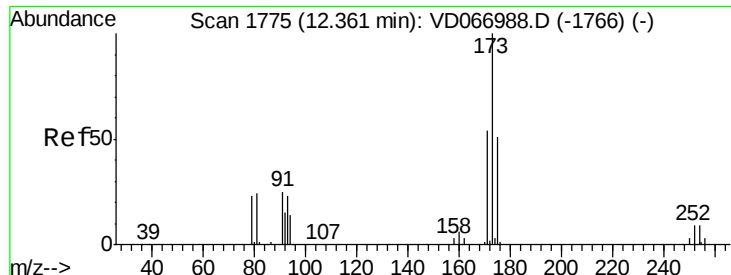
Tgt Ion:106 Resp: 130755
Ion Ratio Lower Upper
106 100
91 217.5 102.4 307.2



#70
Styrene
Concen: 22.550 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion:104 Resp: 230795
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 54.4 43.4 65.0





#71

Bromoform

Concen: 23.261 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBSD01

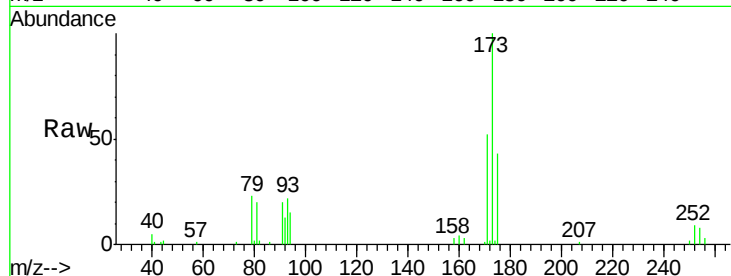
Tgt Ion:173 Resp: 45846

Ion Ratio Lower Upper

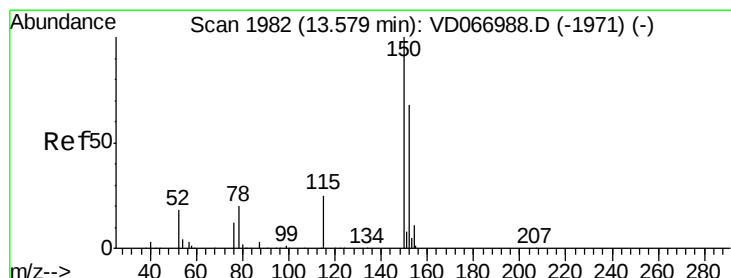
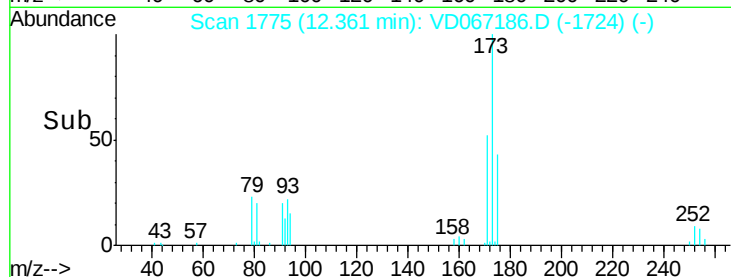
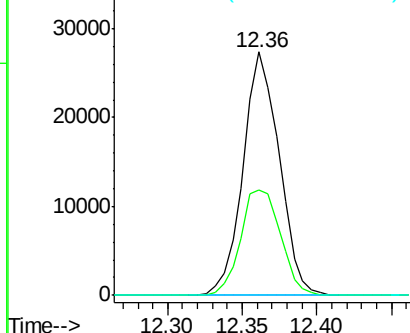
173 100

175 47.8 24.9 74.7

254 0.0 0.2 0.4#



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# 1982

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

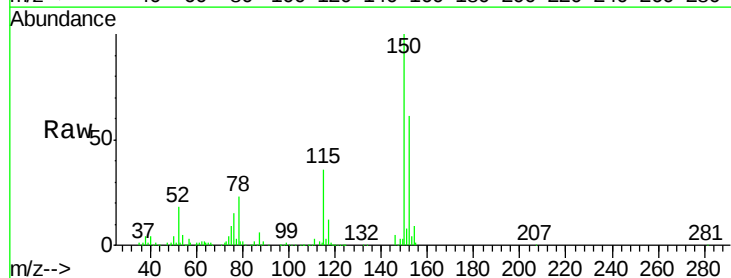
Tgt Ion:152 Resp: 251425

Ion Ratio Lower Upper

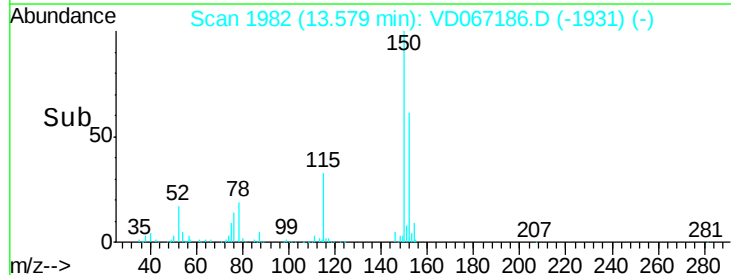
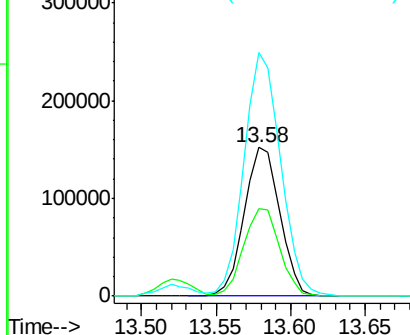
152 100

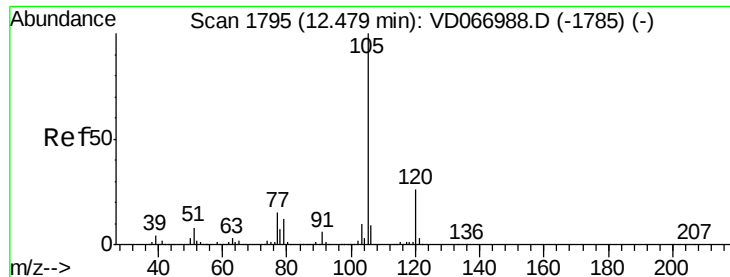
115 59.6 29.6 88.8

150 168.2 0.0 344.8



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





#73

Isopropylbenzene

Concen: 21.564 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

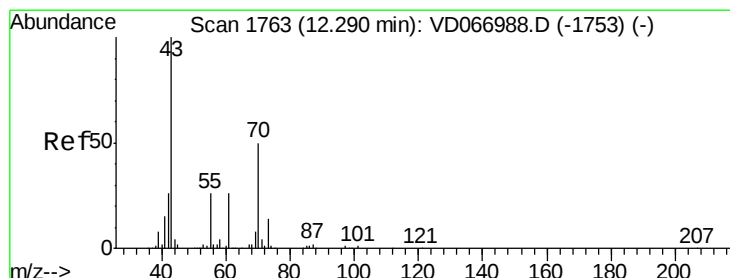
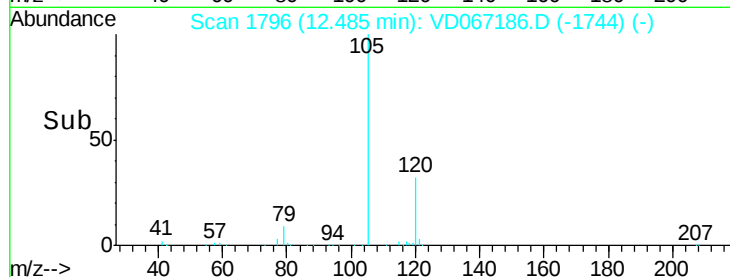
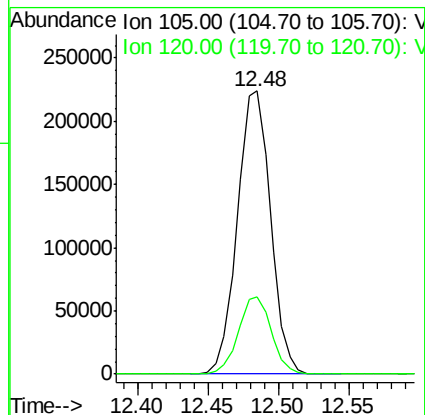
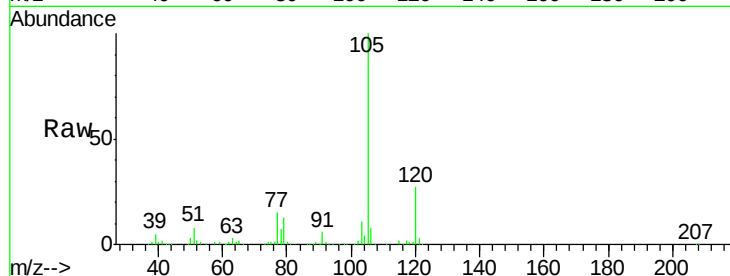
VD1008SBSD01

Tgt Ion:105 Resp: 368141

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 19.023 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Tgt Ion: 43 Resp: 58382

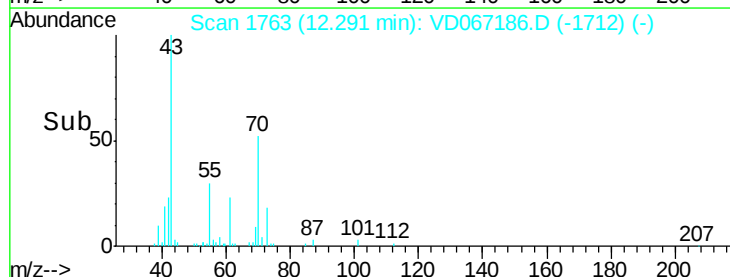
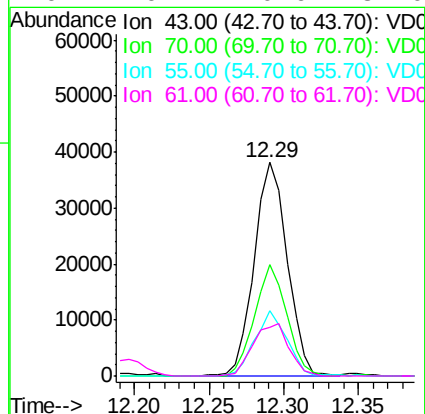
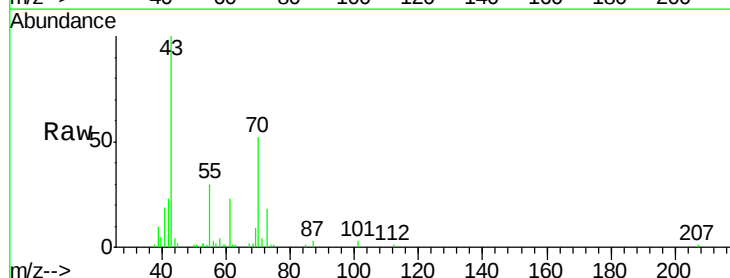
Ion Ratio Lower Upper

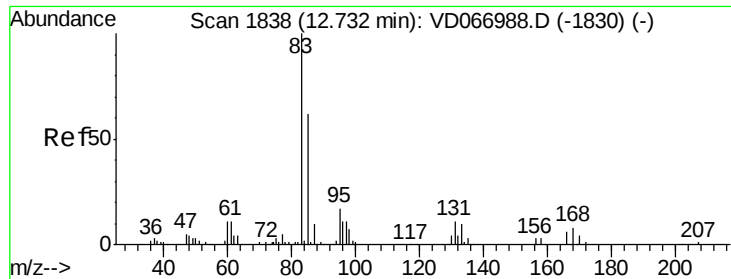
43 100

70 50.6 38.2 57.2

55 30.0 22.4 33.6

61 26.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.285 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBSD01

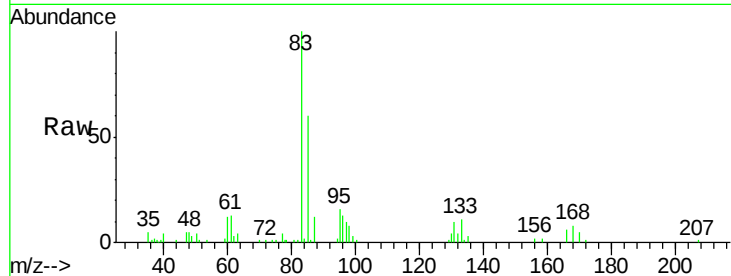
Tgt Ion: 83 Resp: 58349

Ion Ratio Lower Upper

83 100

131 12.1 5.7 17.0

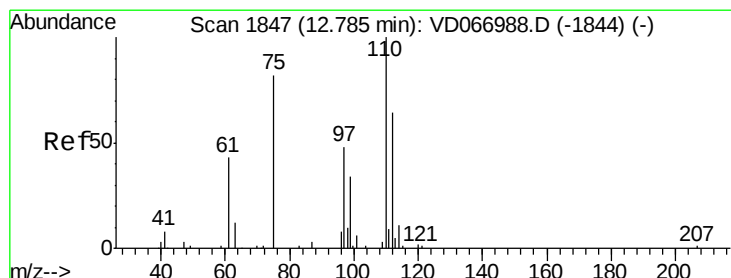
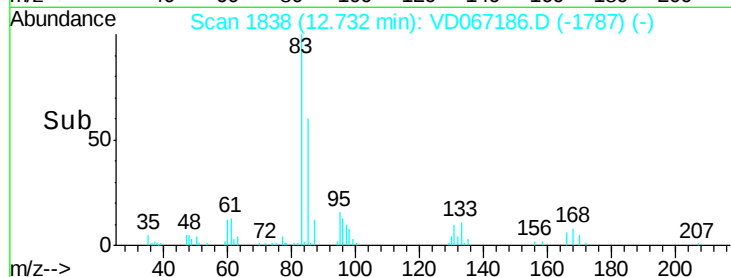
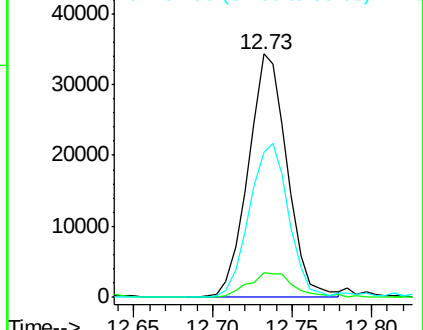
85 63.7 32.0 96.2



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: 34.978 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067186.D

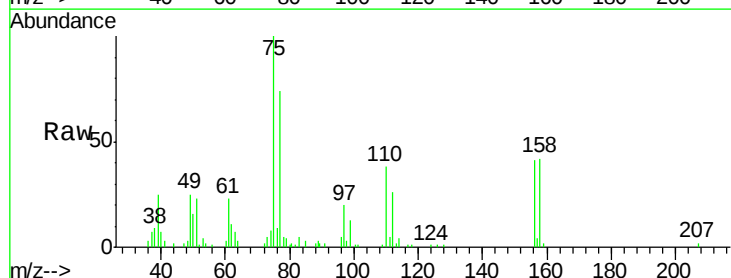
Acq: 08 Oct 2020 11:24

Tgt Ion: 75 Resp: 76601

Ion Ratio Lower Upper

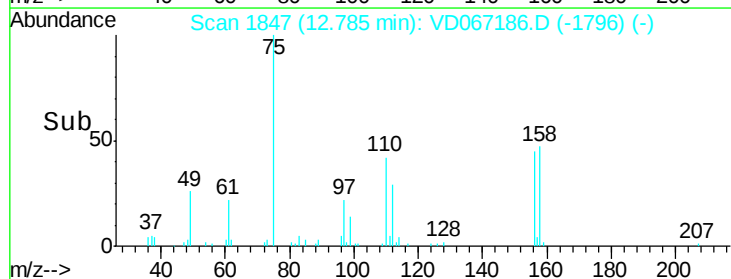
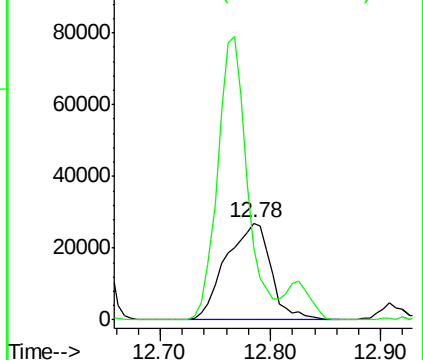
75 100

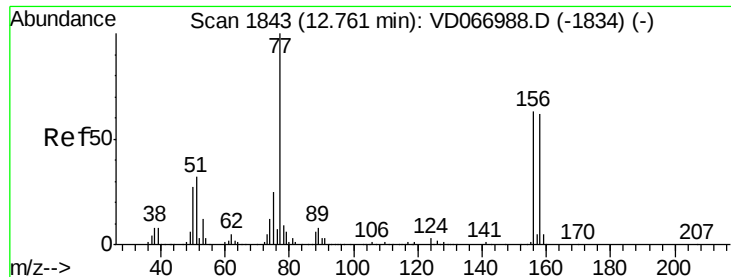
77 194.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 22.096 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBSD01

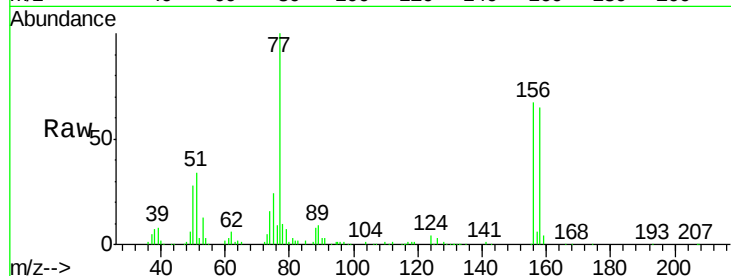
Tgt Ion:156 Resp: 91086

Ion Ratio Lower Upper

156 100

77 163.2 86.3 258.8

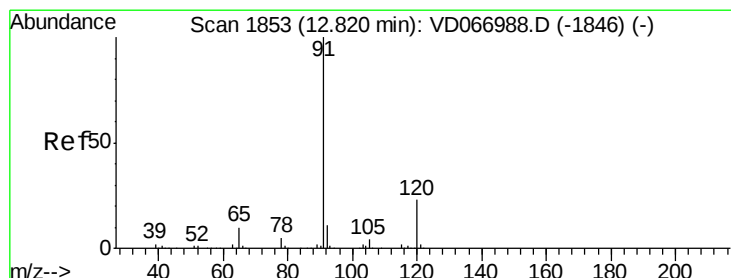
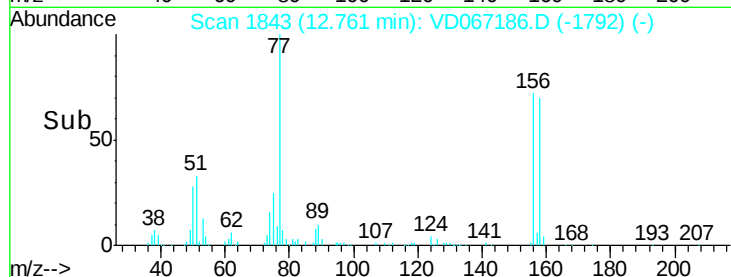
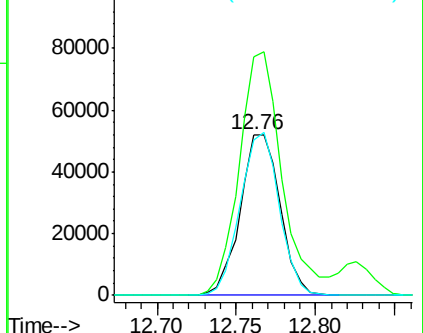
158 98.9 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.122 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD067186.D

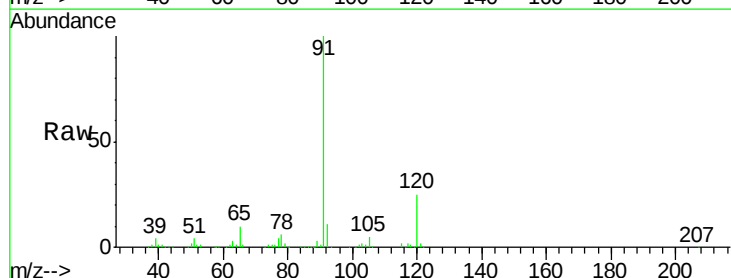
Acq: 08 Oct 2020 11:24

Tgt Ion: 91 Resp: 426171

Ion Ratio Lower Upper

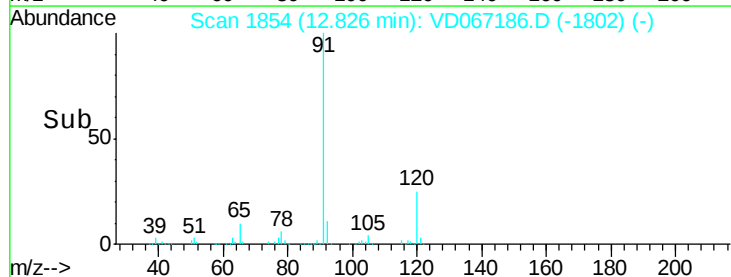
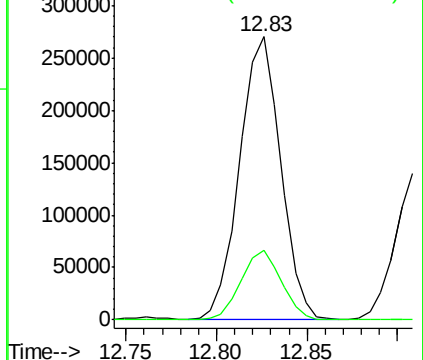
91 100

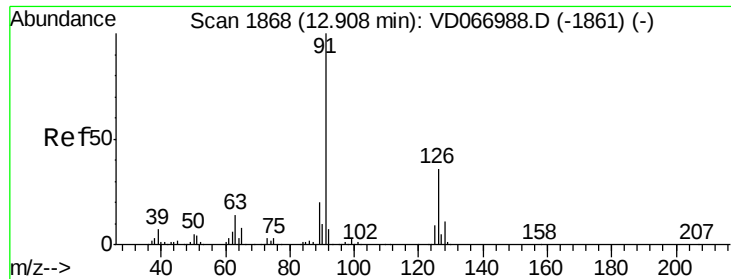
120 24.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.243 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

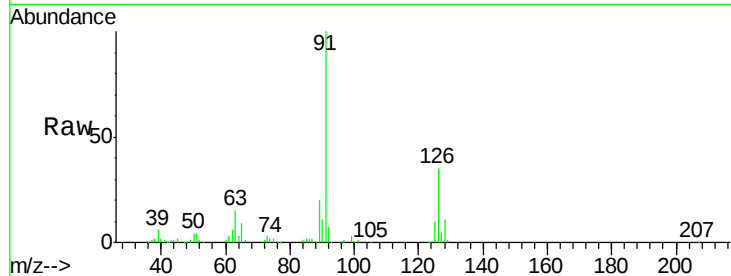
VD1008SBS01

Tgt Ion: 91 Resp: 245221

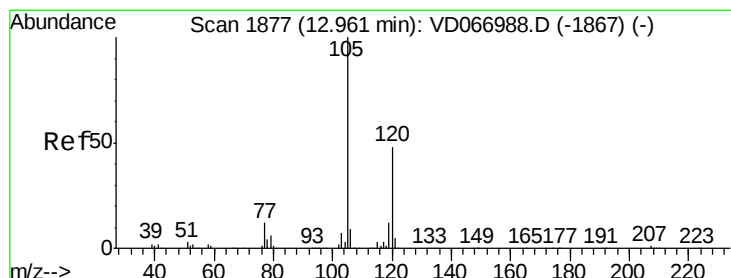
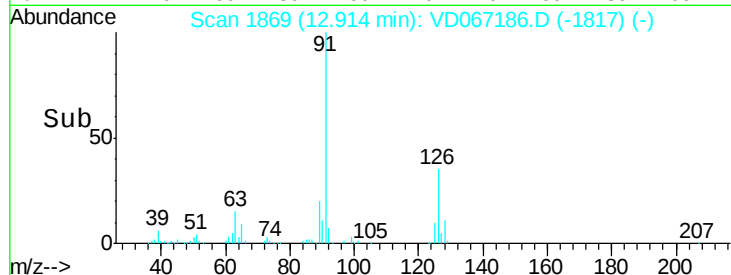
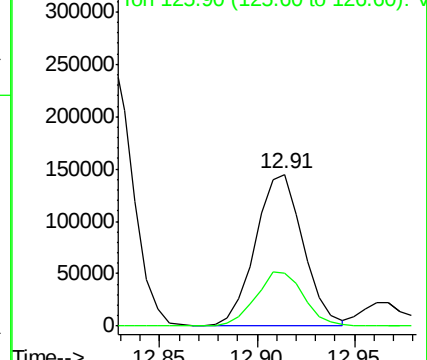
Ion Ratio Lower Upper

91 100

126 35.7 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066988.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.280 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067186.D

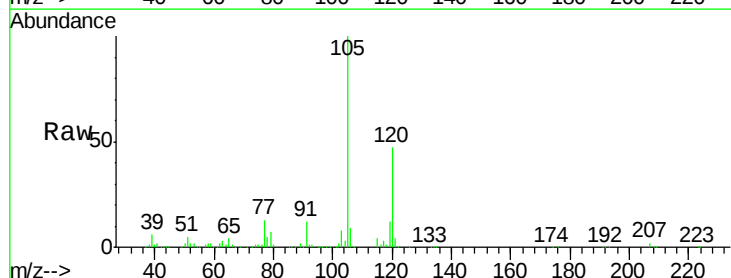
Acq: 08 Oct 2020 11:24

Tgt Ion: 105 Resp: 321364

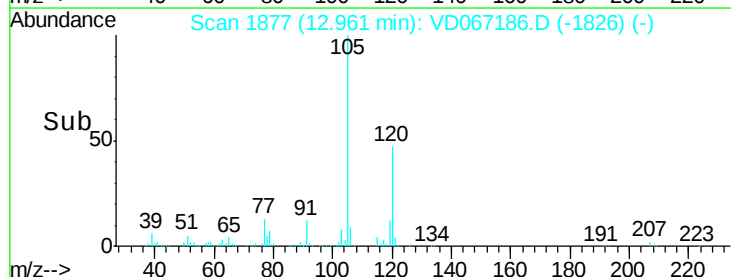
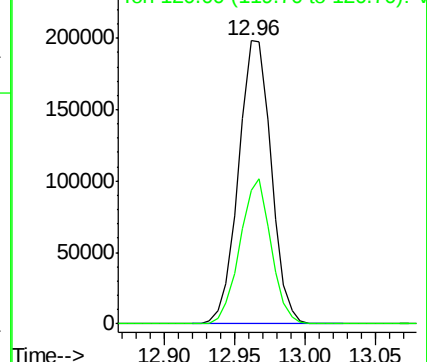
Ion Ratio Lower Upper

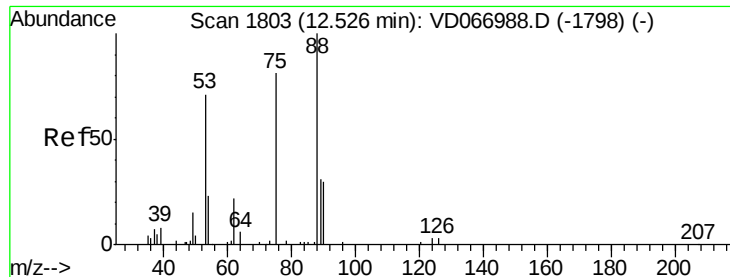
105 100

120 48.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VD066988.D (-1867) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.667 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

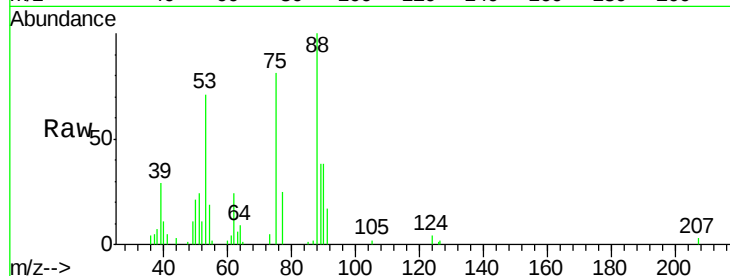
Tgt Ion: 75 Resp: 18154

Ion Ratio Lower Upper

75 100

53 92.3 73.8 110.6

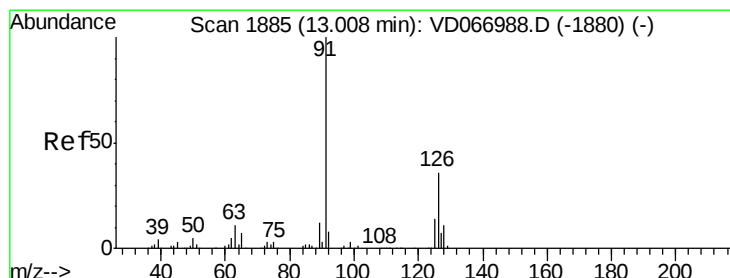
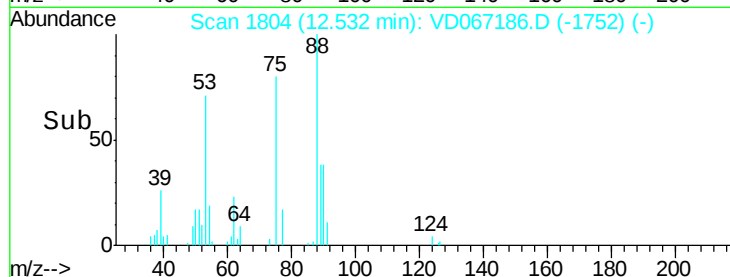
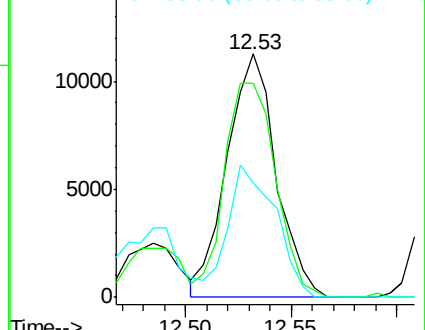
89 52.2 38.9 58.3



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: 21.892 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067186.D

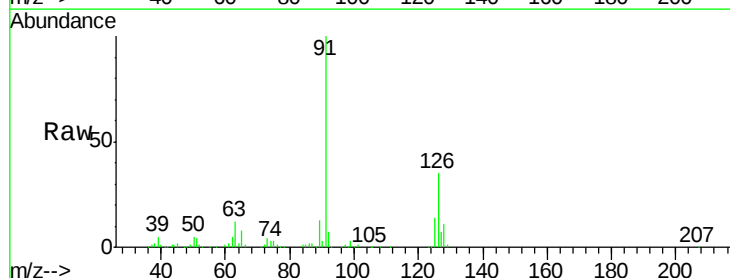
Acq: 08 Oct 2020 11:24

Tgt Ion: 91 Resp: 268882

Ion Ratio Lower Upper

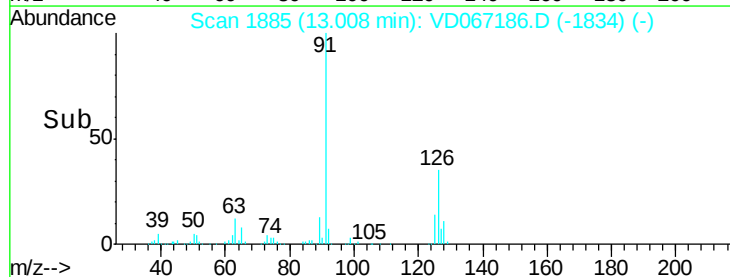
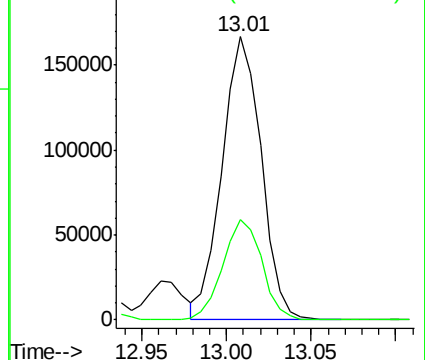
91 100

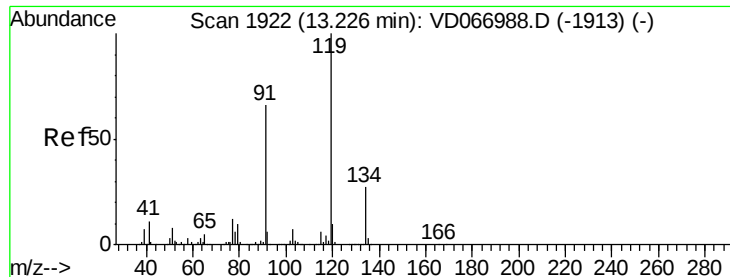
126 35.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

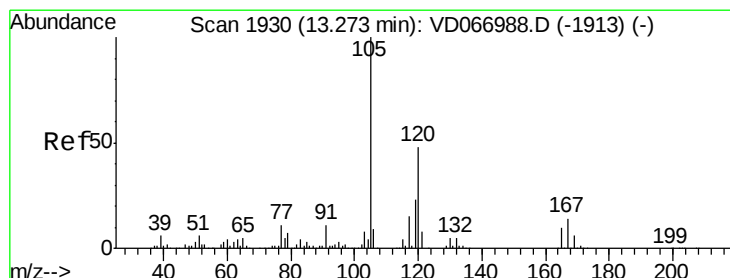
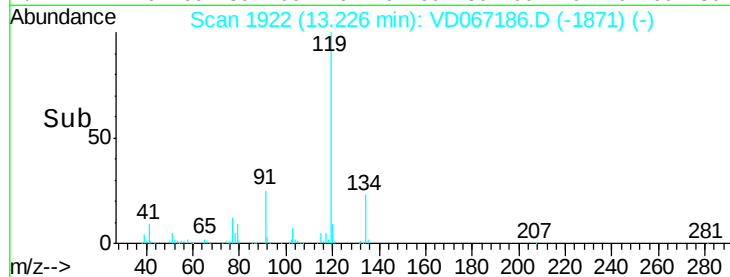
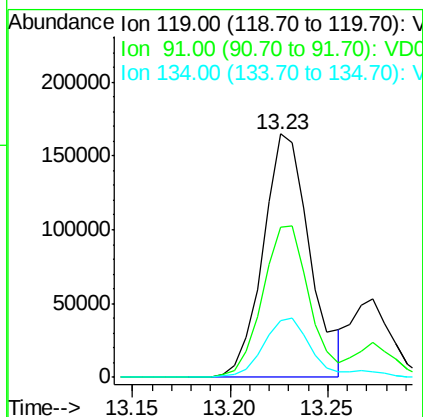
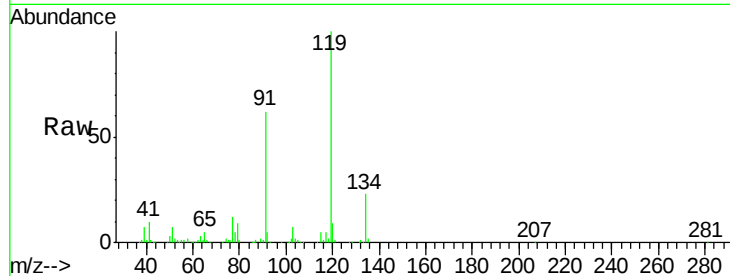




#83
 tert-Butylbenzene
 Concen: 22.610 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

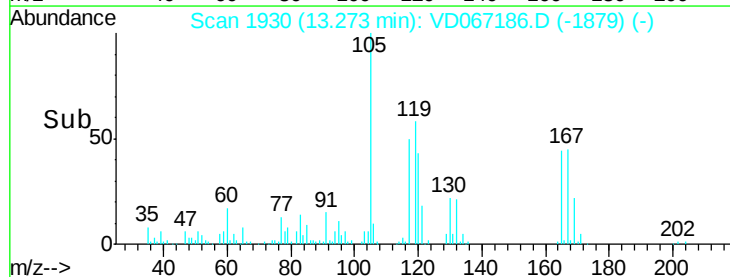
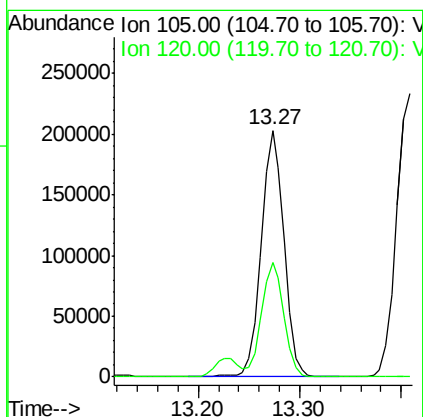
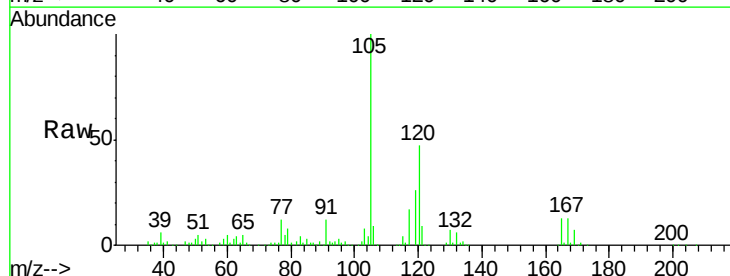
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBSD01

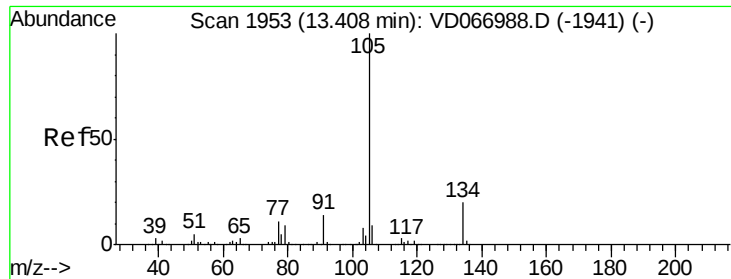
Tgt Ion:119 Resp: 274634
 Ion Ratio Lower Upper
 119 100
 91 61.9 32.8 98.3
 134 25.9 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 22.062 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

Tgt Ion:105 Resp: 317576
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.3 69.8

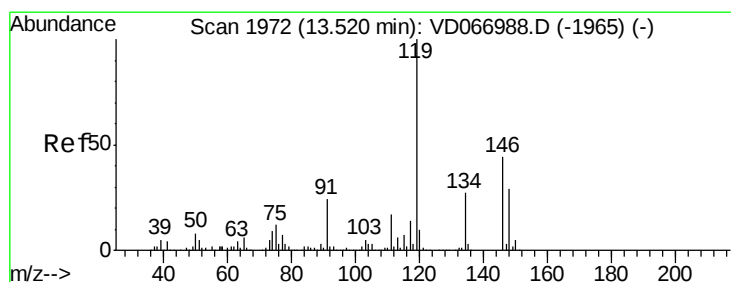
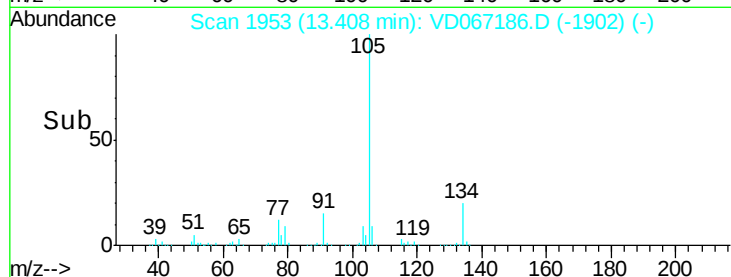
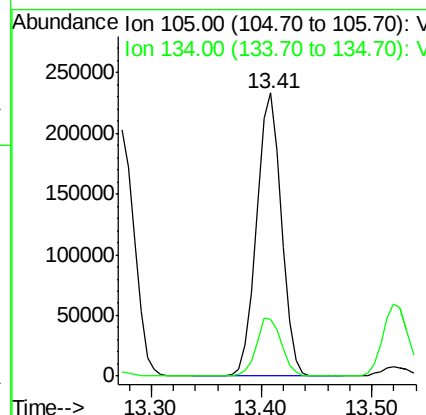
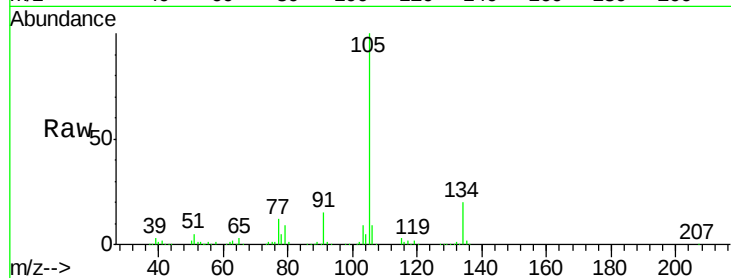




#85
 sec-Butylbenzene
 Concen: 21.486 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

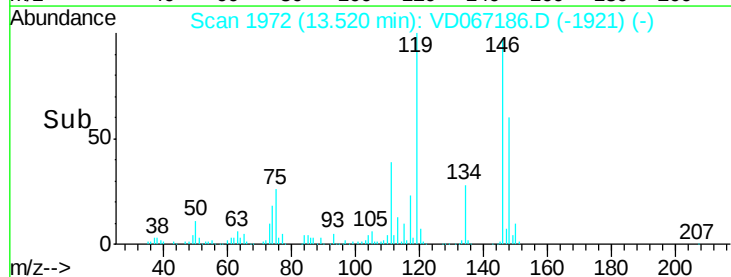
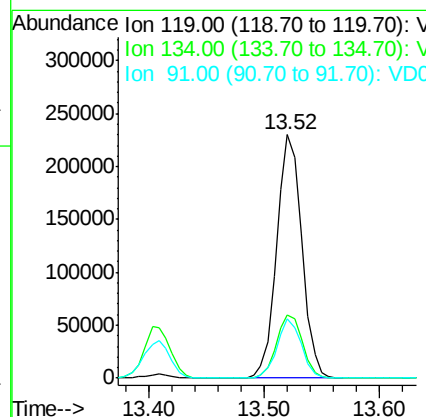
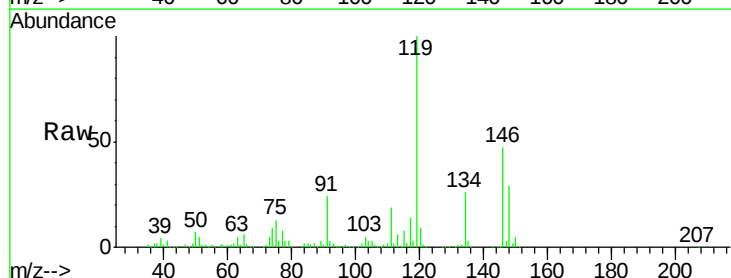
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBSD01

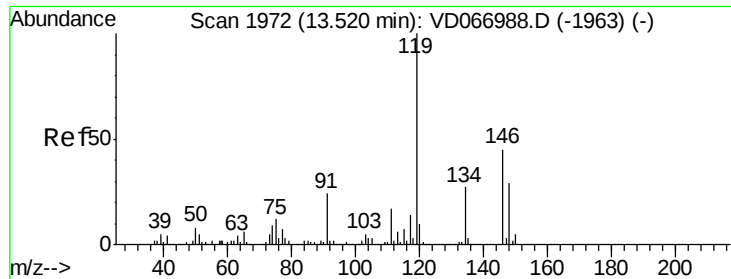
Tgt Ion:105 Resp: 367515
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.950 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

Tgt Ion:119 Resp: 348087
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.1
 91 23.4 11.7 35.1

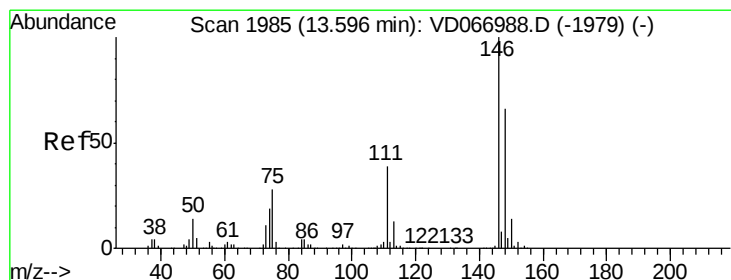
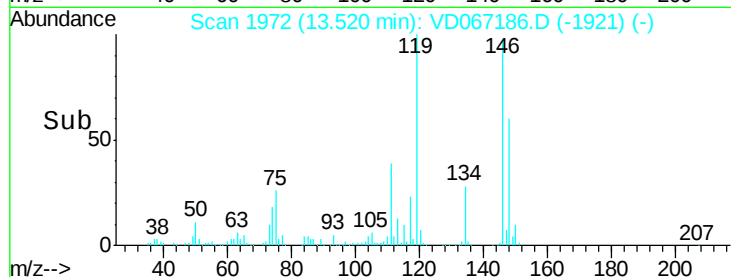
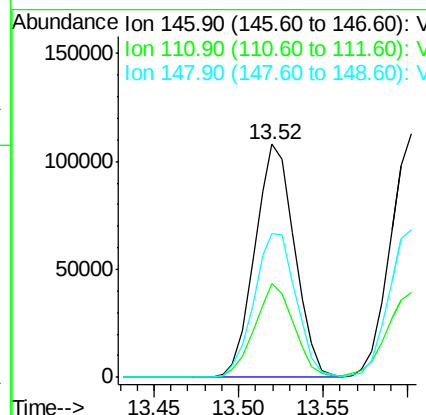
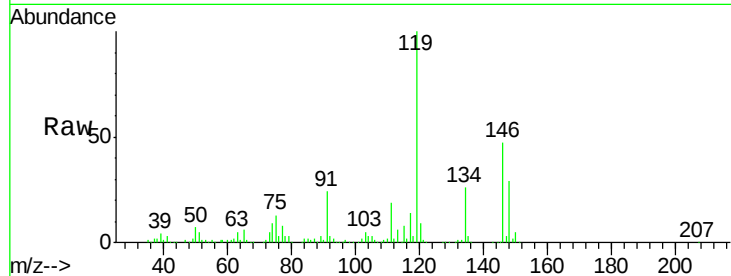




#87
 1,3-Dichlorobenzene
 Concen: 22.081 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

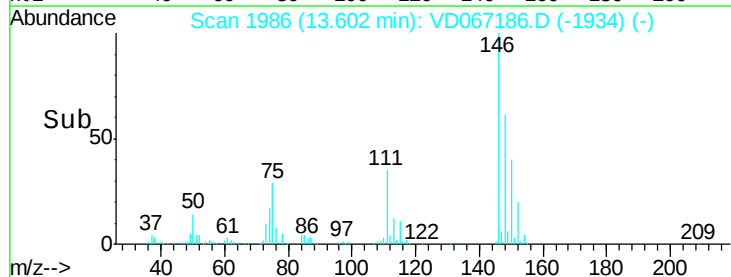
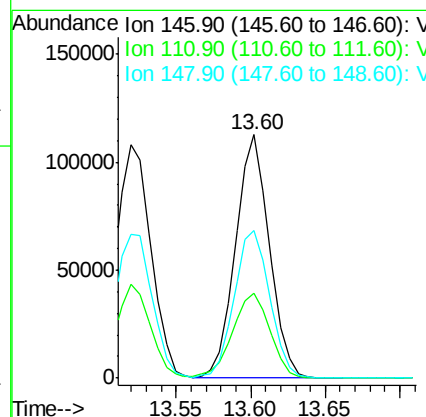
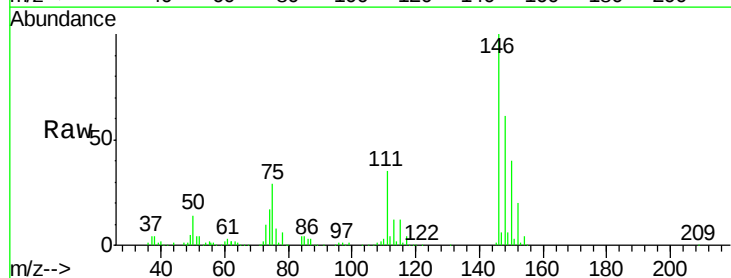
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBSD01

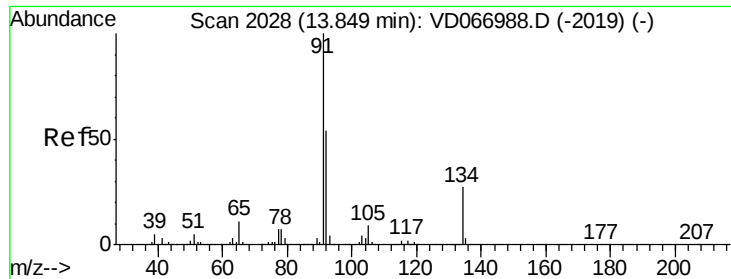
Tgt Ion:146 Resp: 177299
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 60.0
 148 64.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 22.207 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

Tgt Ion:146 Resp: 178291
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.7
 148 63.8 32.6 97.7

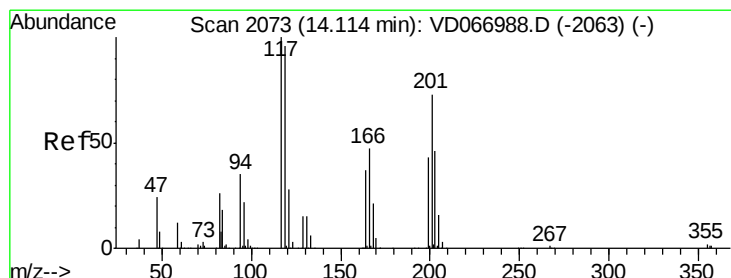
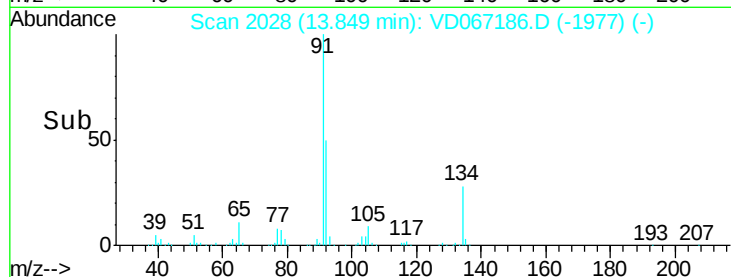
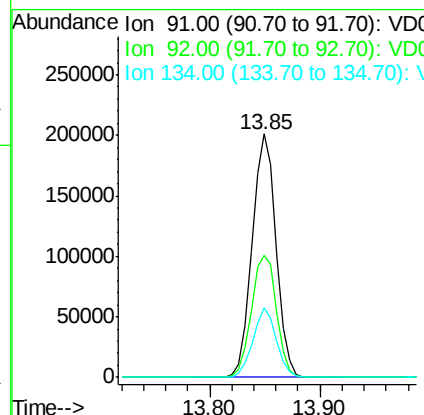
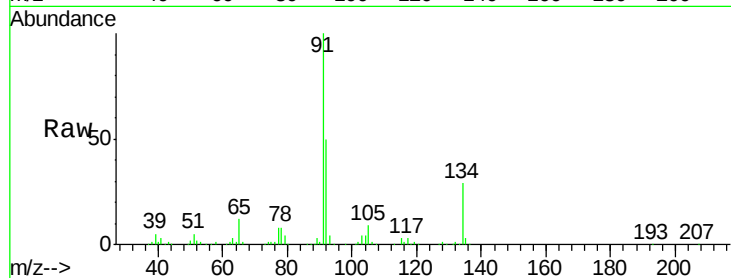




#89
n-Butylbenzene
Concen: 21.050 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

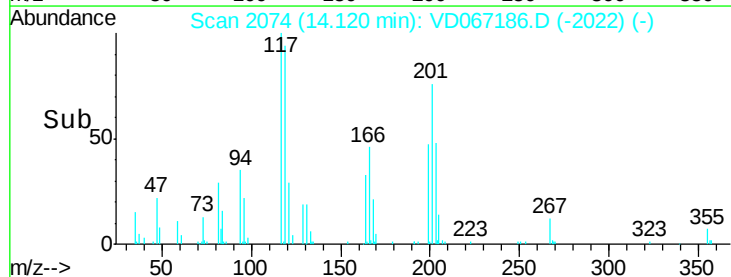
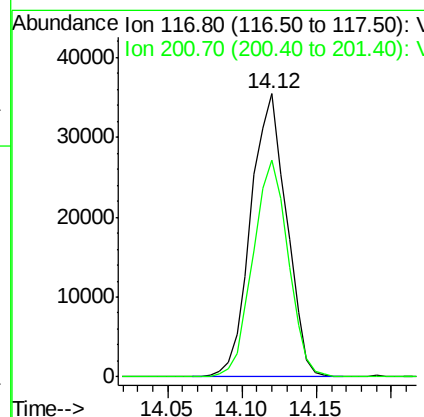
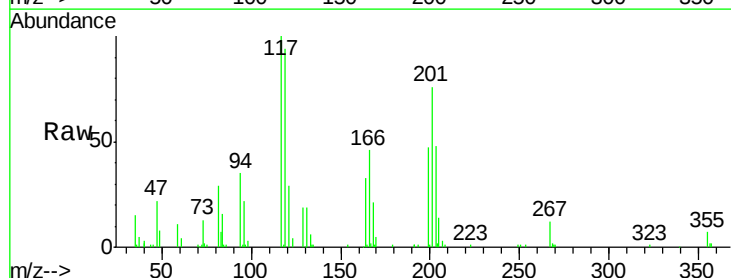
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBSD01

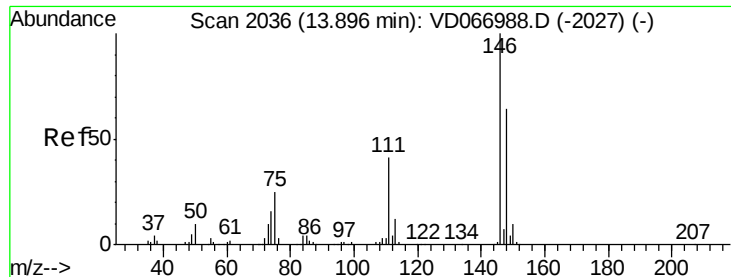
Tgt Ion: 91 Resp: 305075
Ion Ratio Lower Upper
91 100
92 52.6 27.1 81.2
134 28.1 13.6 40.8



#90
Hexachloroethane
Concen: 21.126 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067186.D
Acq: 08 Oct 2020 11:24

Tgt Ion: 117 Resp: 58685
Ion Ratio Lower Upper
117 100
201 75.7 37.0 110.9





#91

1,2-Dichlorobenzene

Concen: 21.841 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

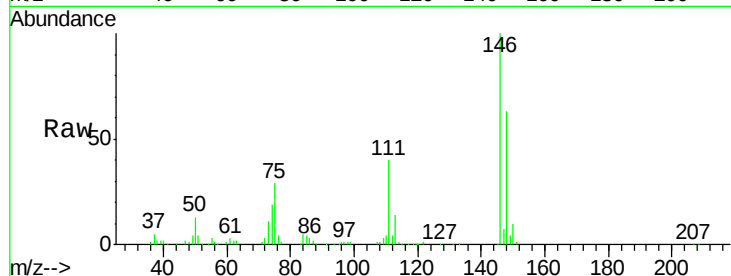
Tgt Ion:146 Resp: 153162

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.7

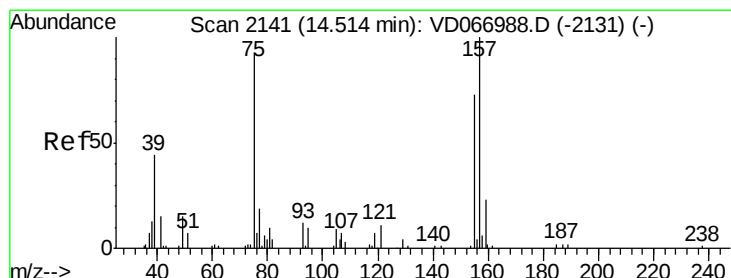
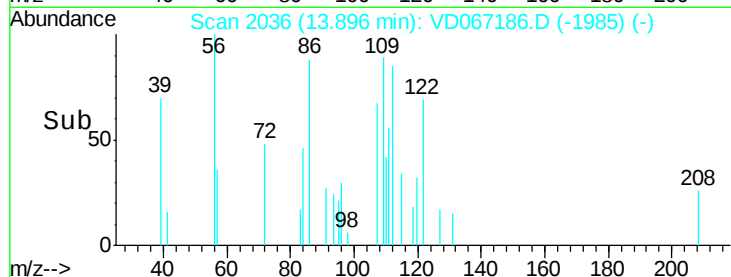
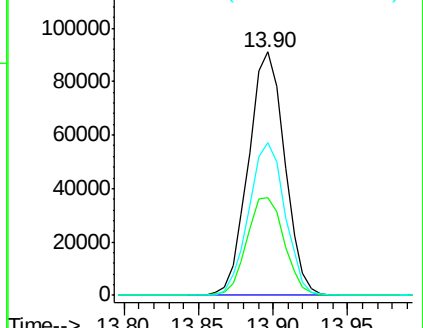
148 62.5 32.3 96.9



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: 20.978 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

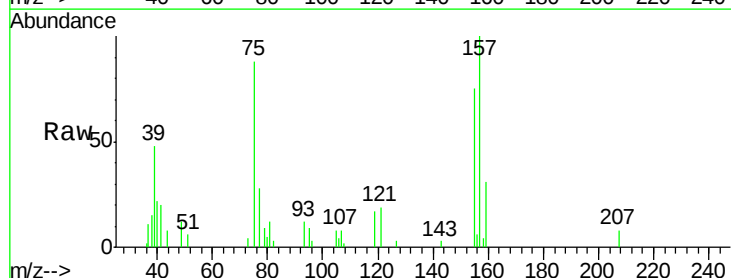
Tgt Ion: 75 Resp: 9727

Ion Ratio Lower Upper

75 100

155 92.1 45.2 135.6

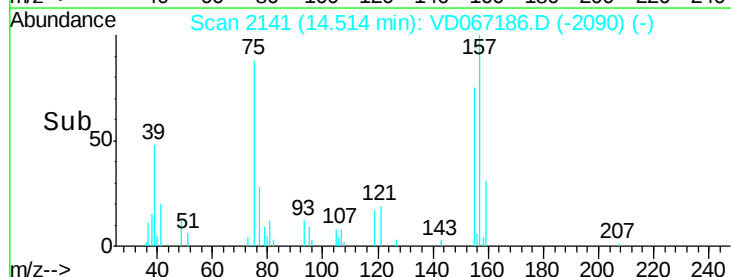
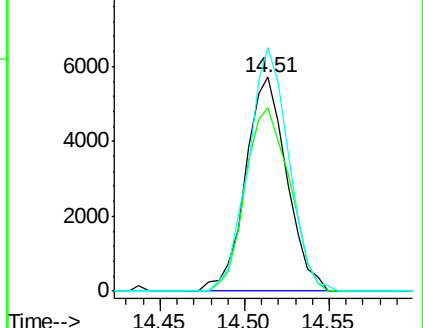
157 111.4 56.3 168.8

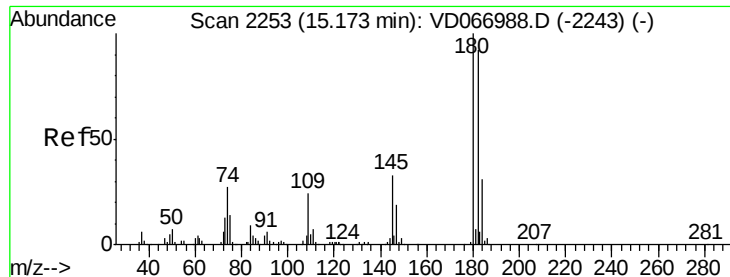


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

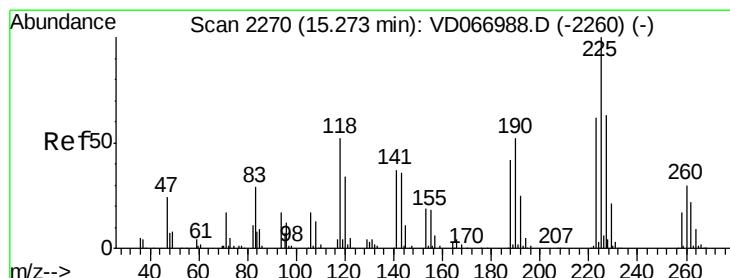
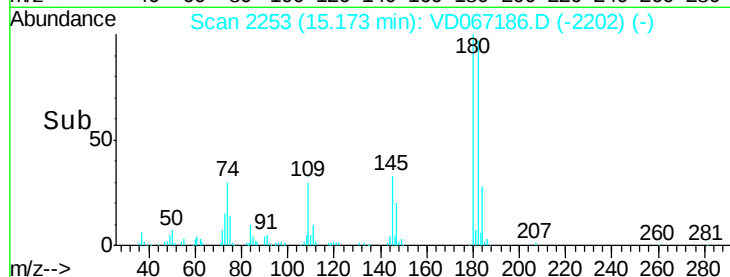
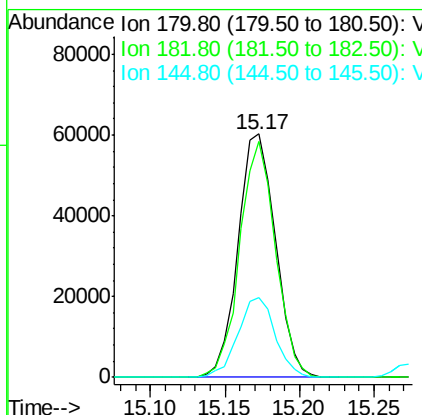
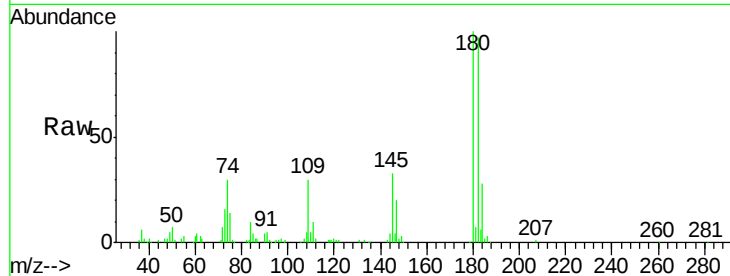




#93
 1,2,4-Trichlorobenzene
 Concen: 23.064 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

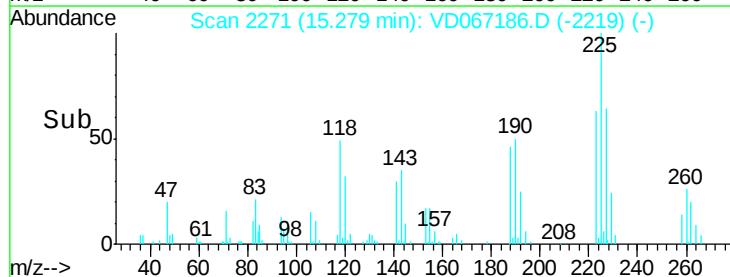
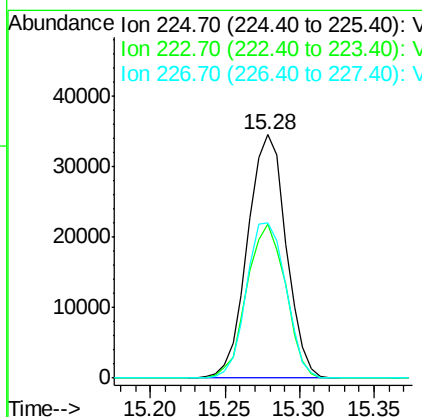
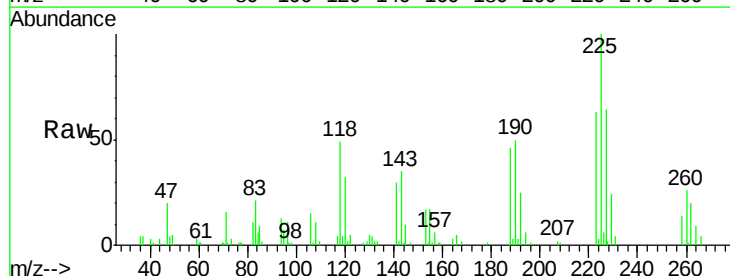
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBSD01

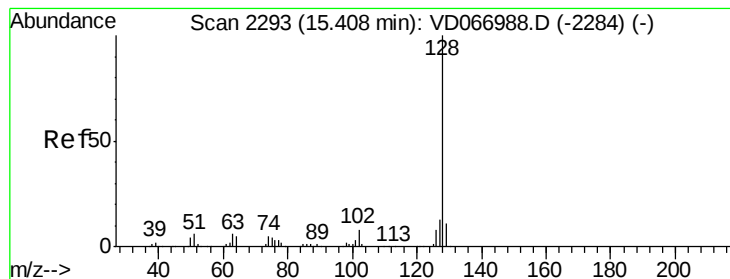
Tgt Ion:180 Resp: 104614
 Ion Ratio Lower Upper
 180 100
 182 92.3 47.3 142.0
 145 32.7 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 22.093 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067186.D
 Acq: 08 Oct 2020 11:24

Tgt Ion:225 Resp: 61543
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.4 97.0
 227 65.3 31.6 95.0





#95

Naphthalene

Concen: 22.177 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

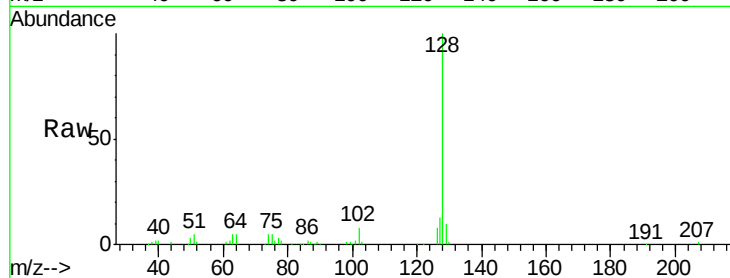
Tgt Ion:128 Resp: 167785

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

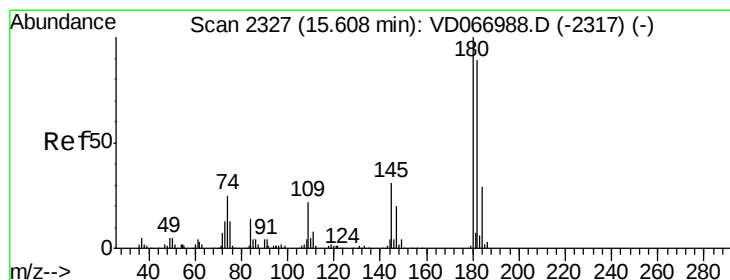
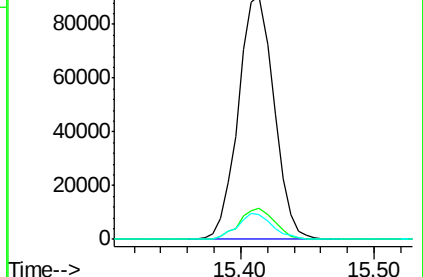
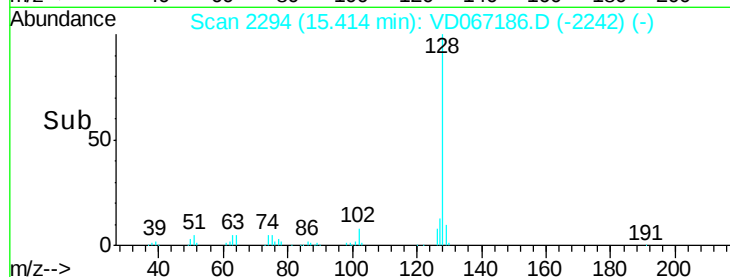
129 10.5 8.6 13.0



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: 22.728 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD067186.D

Acq: 08 Oct 2020 11:24

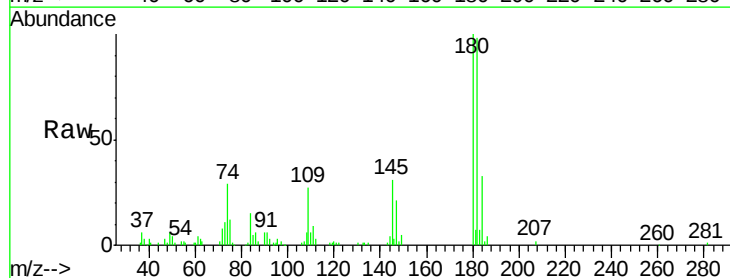
Tgt Ion:180 Resp: 89492

Ion Ratio Lower Upper

180 100

182 91.9 46.4 139.1

145 34.5 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

