

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066524.D
 Acq On : 02 Sep 2020 15:53
 Operator : VA/SY
 Sample : VD0902SBSD01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBSD01

Quant Time: Sep 03 03:42:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 15:08:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	167728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	228569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	213708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	111739	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	95326	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
35) Dibromofluoromethane	7.91	113	74083	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
50) Toluene-d8	10.34	98	286067	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
62) 4-Bromofluorobenzene	12.63	95	100308	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	30477	21.299	ug/l	90
3) Chloromethane	2.21	50	18961	22.042	ug/l	100
4) Vinyl Chloride	2.35	62	22339	21.295	ug/l	90
5) Bromomethane	2.76	94	18519	21.600	ug/l	95
6) Chloroethane	2.91	64	14325	20.298	ug/l	92
7) Trichlorofluoromethane	3.27	101	64950	20.312	ug/l	99
8) Diethyl Ether	3.70	74	12211	20.375	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	28049	21.063	ug/l	95
10) Methyl Iodide	4.30	142	28601	19.370	ug/l	100
11) Tert butyl alcohol	5.20	59	5460	20.189	ug/l #	76
12) 1,1-Dichloroethene	4.06	96	26436	21.125	ug/l	83
13) Acrolein	3.92	56	5764	98.378	ug/l	96
14) Allyl chloride	4.71	41	30410	21.740	ug/l	95
15) Acrylonitrile	5.41	53	22494	104.663	ug/l	95
16) Acetone	4.16	43	26180	98.137	ug/l	93
17) Carbon Disulfide	4.40	76	74401	20.573	ug/l #	93
18) Methyl Acetate	4.72	43	9137	21.331	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	66168	20.264	ug/l	95
20) Methylene Chloride	4.96	84	35774	24.555	ug/l #	83
21) trans-1,2-Dichloroethene	5.47	96	30746	21.480	ug/l	88
22) Diisopropyl ether	6.37	45	57398	20.473	ug/l #	90
23) Vinyl Acetate	6.30	43	188306	104.475	ug/l	98
24) 1,1-Dichloroethane	6.26	63	45858	20.827	ug/l	95
25) 2-Butanone	7.21	43	27183	98.449	ug/l	98
26) 2,2-Dichloropropane	7.20	77	57423	20.582	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	33575	21.630	ug/l	93
28) Bromochloromethane	7.54	49	12227	19.194	ug/l #	94
29) Tetrahydrofuran	7.56	42	14465	101.909	ug/l	98
30) Chloroform	7.70	83	58439	20.554	ug/l	88
31) Cyclohexane	7.98	56	38791	21.144	ug/l	88
32) 1,1,1-Trichloroethane	7.90	97	64521	20.376	ug/l	98
36) 1,1-Dichloropropene	8.11	75	43371	21.646	ug/l	97
37) Ethyl Acetate	7.29	43	12459	20.715	ug/l #	83
38) Carbon Tetrachloride	8.09	117	62535	20.488	ug/l	95

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 Data File : VD066524.D
 Acq On : 02 Sep 2020 15:53
 Operator : VA/SY
 Sample : VD0902SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

Quant Time: Sep 03 03:42:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 15:08:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	47674	20.366	ug/l	90
40) Benzene	8.35	78	108505	20.993	ug/l	95
41) Methacrylonitrile	7.51	41	5304	16.950	ug/l #	90
42) 1,2-Dichloroethane	8.42	62	44753	20.467	ug/l	94
43) Isopropyl Acetate	8.45	43	25252	20.043	ug/l #	60
44) Trichloroethene	9.10	130	37192	20.848	ug/l	97
45) 1,2-Dichloropropane	9.38	63	21638	21.100	ug/l	89
46) Dibromomethane	9.47	93	14778	19.683	ug/l	93
47) Bromodichloromethane	9.66	83	43420	19.458	ug/l	96
48) Methyl methacrylate	9.45	41	12844	20.004	ug/l	93
49) 1,4-Dioxane	9.46	88	3036	349.347	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	57705	99.607	ug/l	96
52) Toluene	10.40	92	77165	20.989	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	40310	19.772	ug/l	90
54) cis-1,3-Dichloropropene	10.08	75	44256	20.605	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	19761	20.830	ug/l	91
56) Ethyl methacrylate	10.66	69	22719	20.348	ug/l	98
57) 1,3-Dichloropropane	10.94	76	32924	21.015	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.94	63	49208	112.906	ug/l	97
59) 2-Hexanone	10.98	43	43433	103.806	ug/l	100
60) Dibromochloromethane	11.14	129	33951	21.642	ug/l	98
61) 1,2-Dibromoethane	11.24	107	19761	20.435	ug/l	97
64) Tetrachloroethene	10.87	164	33757	20.260	ug/l	94
65) Chlorobenzene	11.67	112	87094	20.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	37317	20.977	ug/l	97
67) Ethyl Benzene	11.74	91	154615	20.876	ug/l	99
68) m/p-Xylenes	11.86	106	121737	42.482	ug/l	100
69) o-Xylene	12.18	106	54143	19.946	ug/l	97
70) Styrene	12.20	104	95939	20.644	ug/l	97
71) Bromoform	12.36	173	19862	20.356	ug/l #	92
73) Isopropylbenzene	12.48	105	158140	21.180	ug/l	98
74) N-amyl acetate	12.29	43	22195	19.714	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	17708	20.071	ug/l	94
76) 1,2,3-Trichloropropane	12.76	75	13867	19.728	ug/l	96
77) Bromobenzene	12.76	156	40143	21.187	ug/l	97
78) n-propylbenzene	12.82	91	176997	21.754	ug/l	98
79) 2-Chlorotoluene	12.91	91	98481	20.920	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	137677	21.209	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	6121	19.392	ug/l	91
82) 4-Chlorotoluene	13.01	91	106185	21.000	ug/l	98
83) tert-Butylbenzene	13.23	119	117185	20.582	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	132899	20.470	ug/l	98
85) sec-Butylbenzene	13.40	105	149066	20.666	ug/l	100
86) p-Isopropyltoluene	13.52	119	152694	21.180	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	76150	21.670	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	74056	20.832	ug/l	97
89) n-Butylbenzene	13.84	91	124991	20.698	ug/l	97
90) Hexachloroethane	14.11	117	26752	20.678	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	64765	21.189	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4602	19.723	ug/l	91

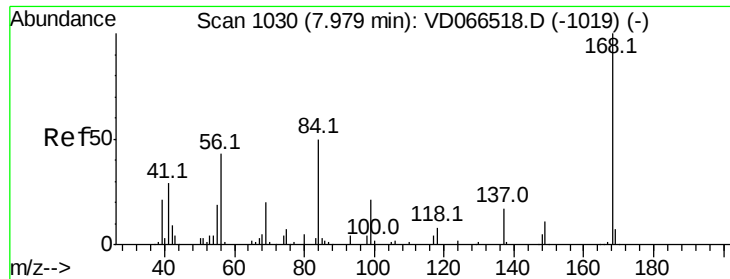
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090220\
Data File : VD066524.D
Acq On : 02 Sep 2020 15:53
Operator : VA/SY
Sample : VD0902SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBSD01

Quant Time: Sep 03 03:42:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 02 15:08:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	49272	20.423	ug/l	94
94) Hexachlorobutadiene	15.27	225	32065	20.503	ug/l	100
95) Naphthalene	15.41	128	76960	20.522	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	43527	20.880	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

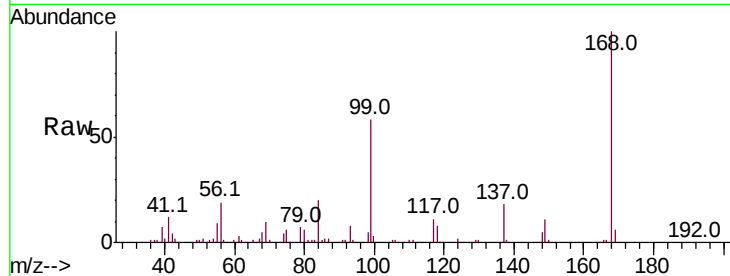
VD0902SBSD01

Tot Ion:168 Resp: 167728

Ion Ratio Lower Upper

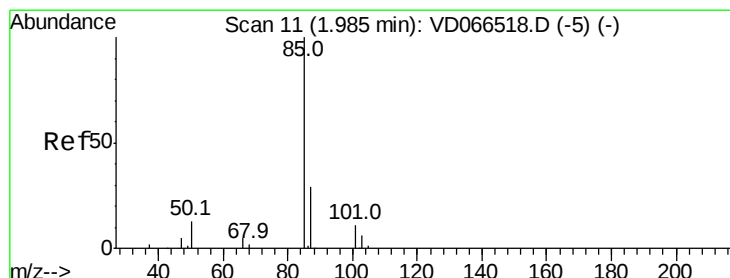
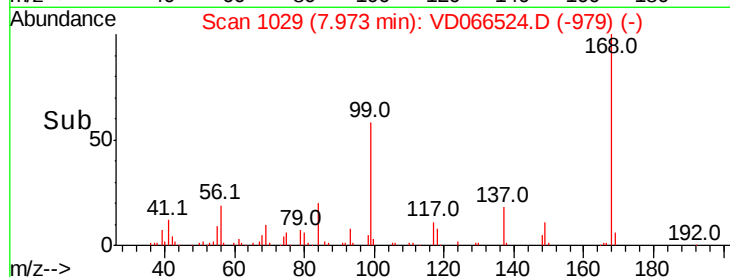
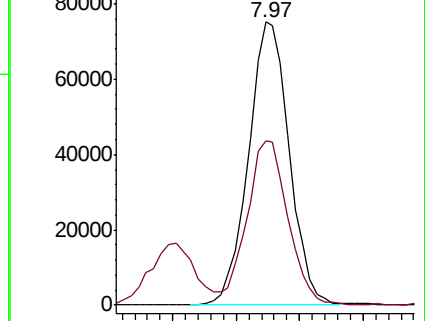
168 100

99 57.3 45.1 67.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.299 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066524.D

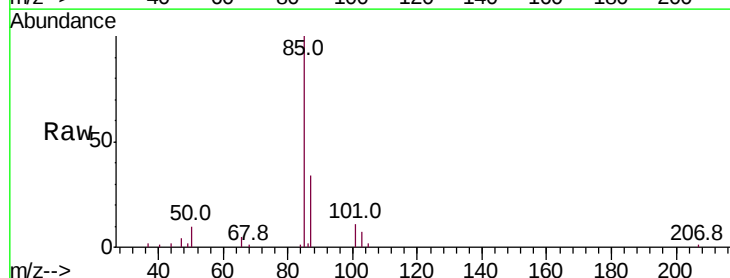
Acq: 02 Sep 2020 15:53

Tgt Ion: 85 Resp: 30477

Ion Ratio Lower Upper

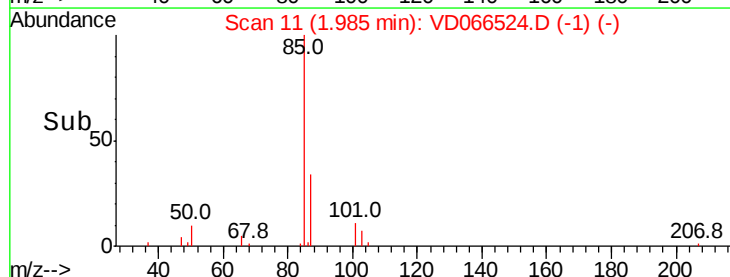
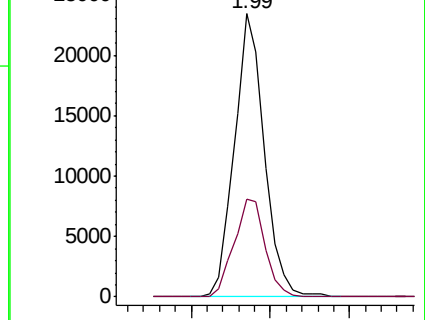
85 100

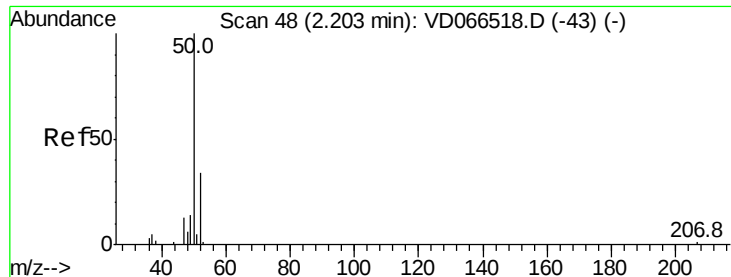
87 34.4 14.6 44.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 22.042 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

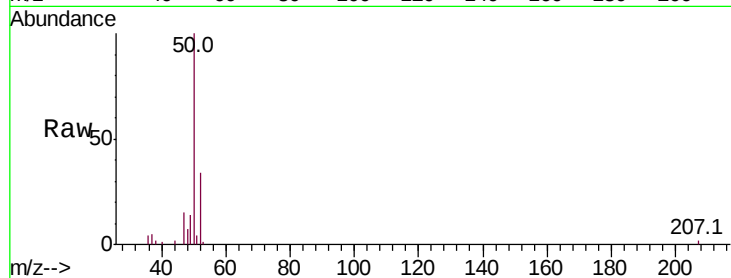
VD0902SBSD01

Tot Ion: 50 Resp: 18961

Ion Ratio Lower Upper

50 100

52 34.4 27.6 41.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

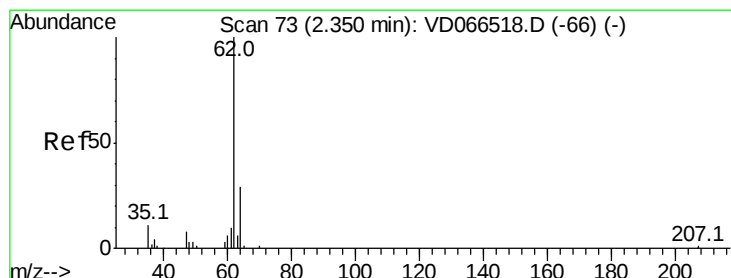
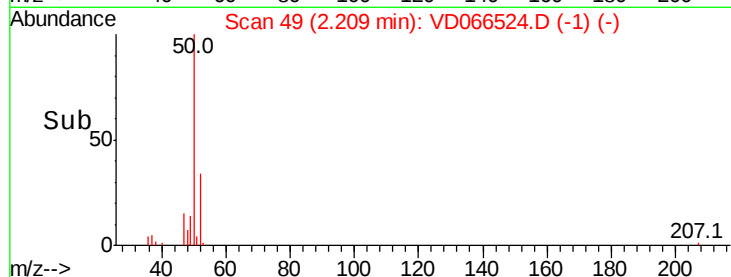
15000

10000

5000

0

Time-->



#4

Vinyl Chloride

Concen: 21.295 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066524.D

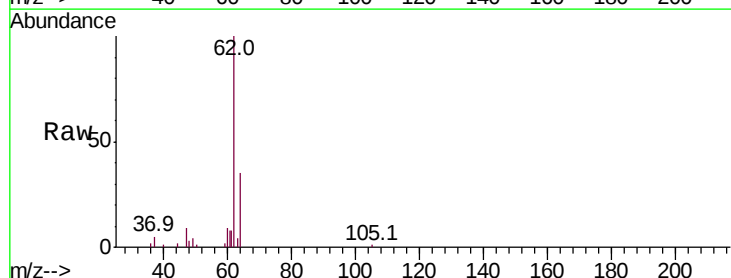
Acq: 02 Sep 2020 15:53

Tgt Ion: 62 Resp: 22339

Ion Ratio Lower Upper

62 100

64 34.6 23.4 35.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

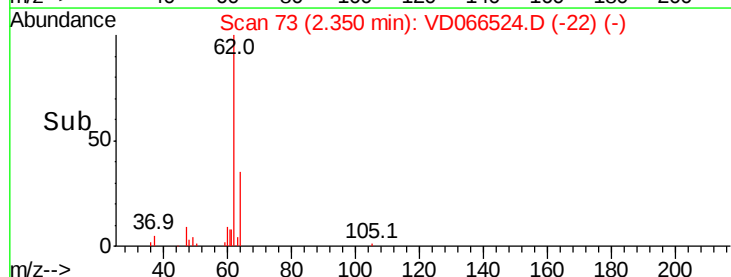
15000

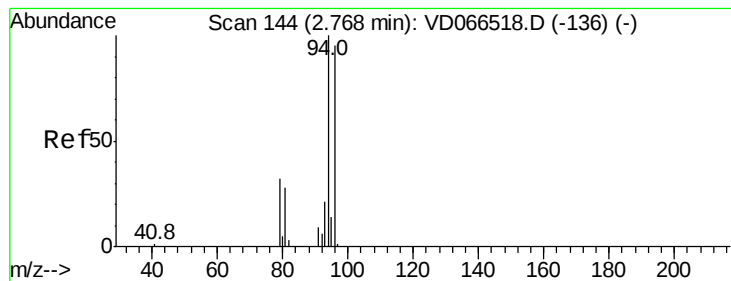
10000

5000

0

Time-->





#5

Bromomethane

Concen: 21.600 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

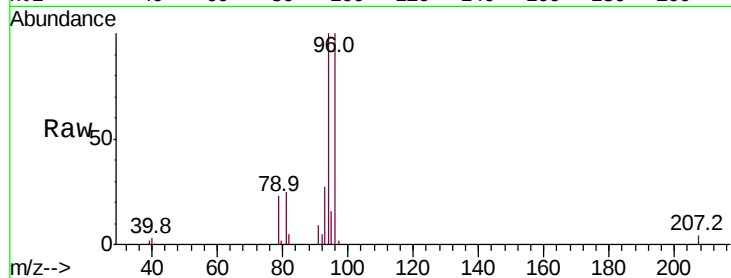
VD0902SBSD01

Tot Ion: 94 Resp: 18519

Ion Ratio Lower Upper

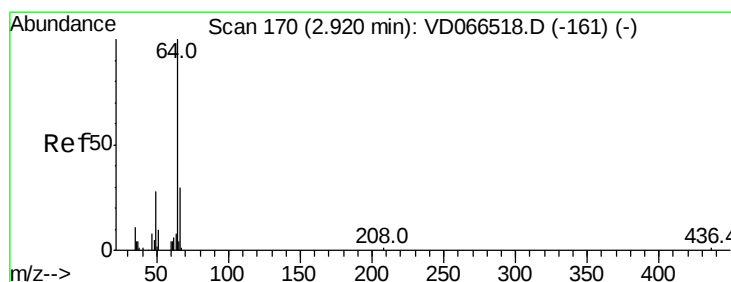
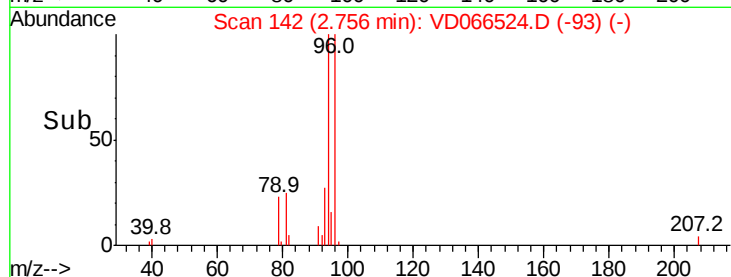
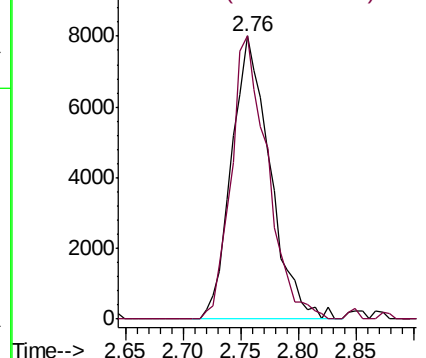
94 100

96 99.9 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.298 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066524.D

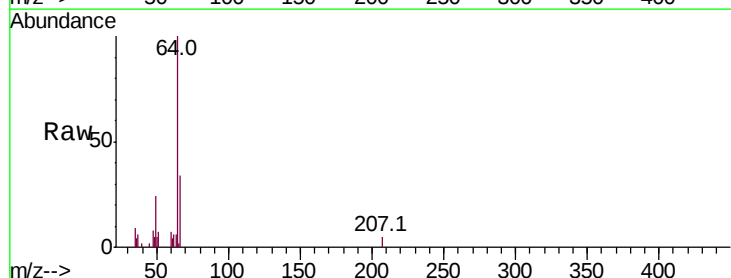
Acq: 02 Sep 2020 15:53

Tgt Ion: 64 Resp: 14325

Ion Ratio Lower Upper

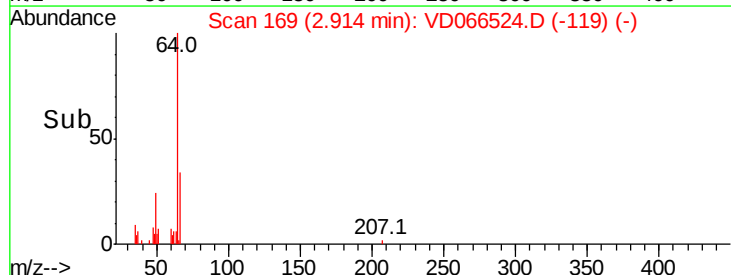
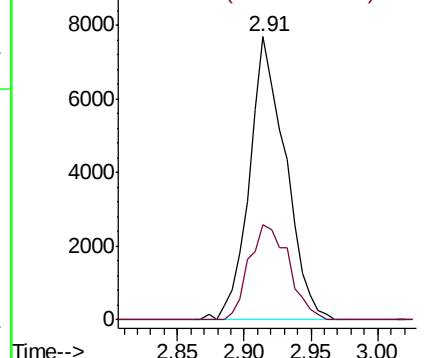
64 100

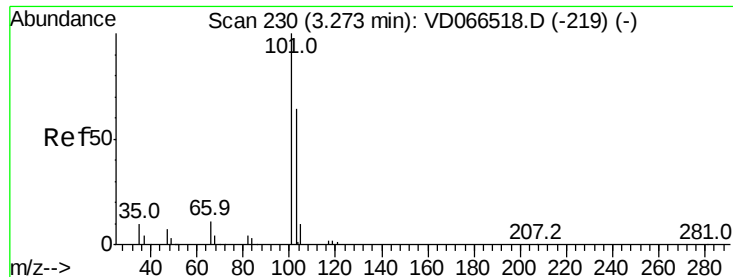
66 33.7 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 20.312 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

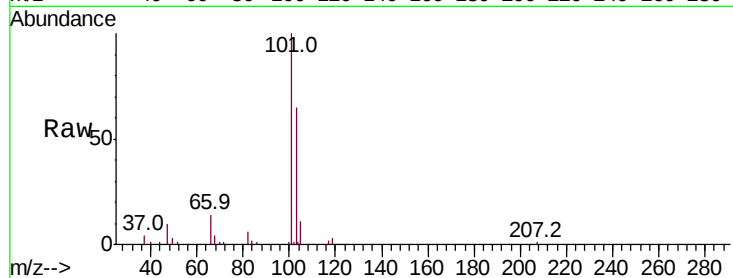
VD0902SBSD01

Tot Ion:101 Resp: 64950

Ion Ratio Lower Upper

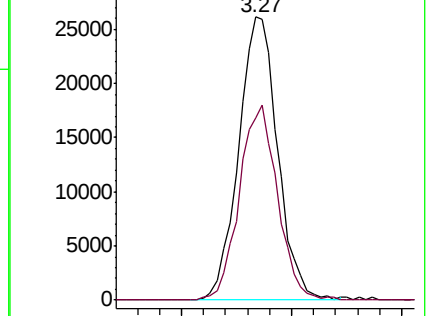
101 100

103 64.5 50.9 76.3

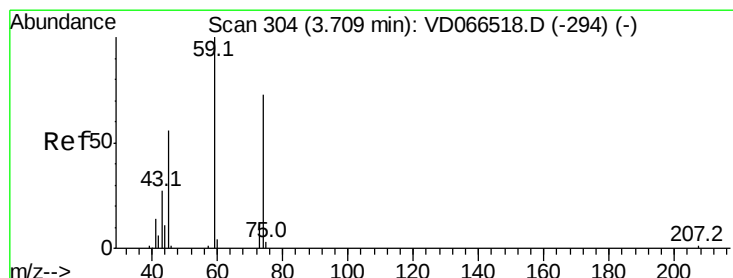
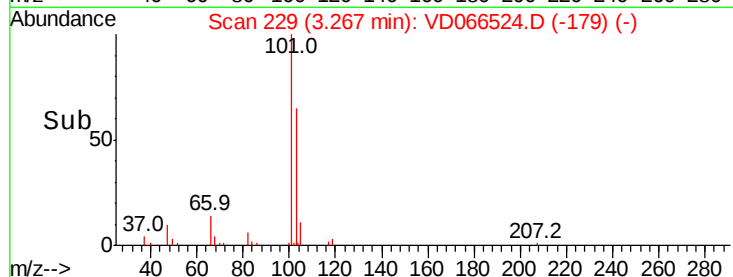


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



Time-->



#8

Diethyl Ether

Concen: 20.375 ug/l

RT: 3.70 min Scan# 302

Delta R.T. -0.01 min

Lab File: VD066524.D

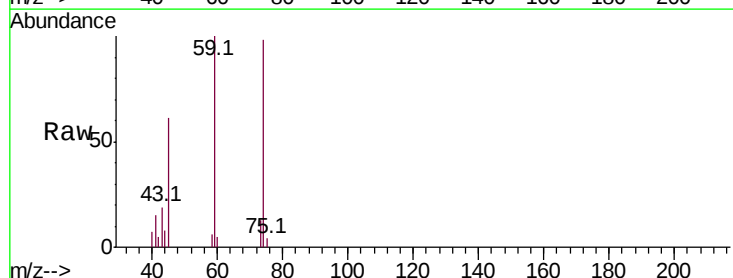
Acq: 02 Sep 2020 15:53

Tgt Ion: 74 Resp: 12211

Ion Ratio Lower Upper

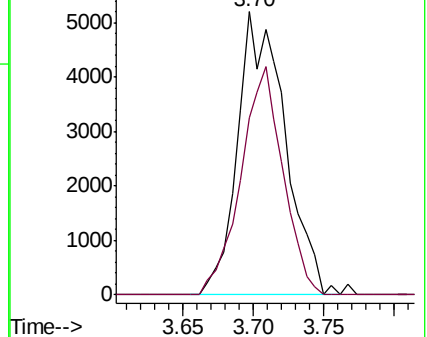
74 100

45 71.6 38.6 115.8

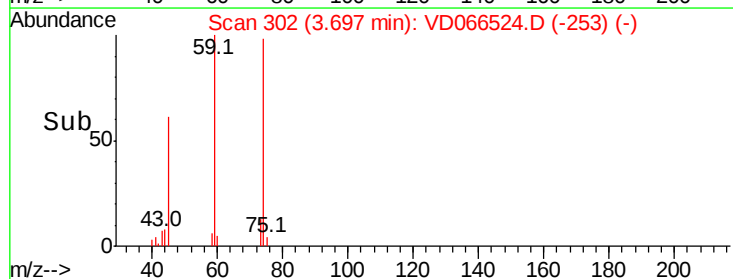


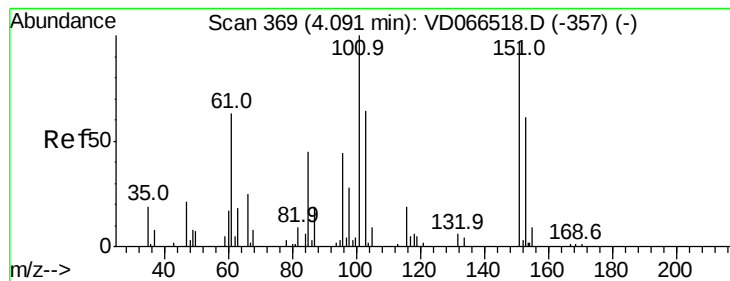
Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.063 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBSD01

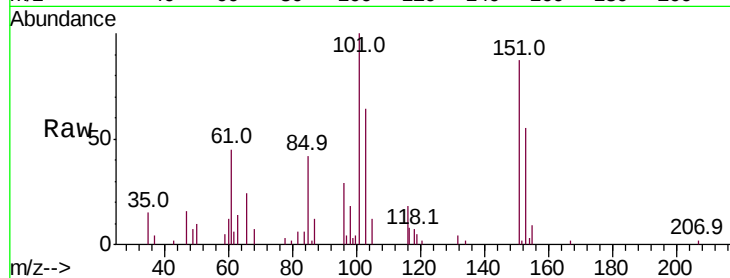
Tot Ion:101 Resp: 28049

Ion Ratio Lower Upper

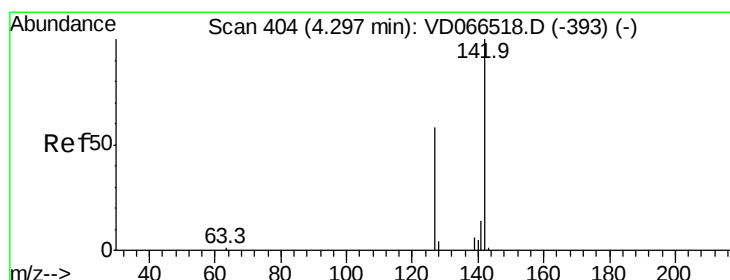
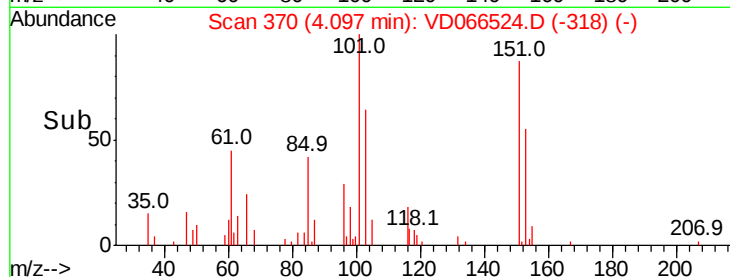
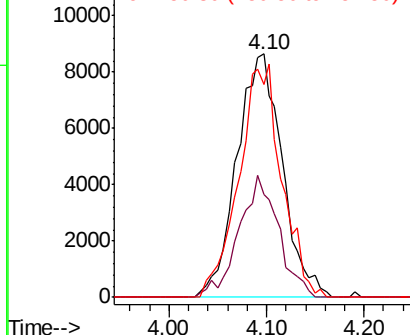
101 100

85 43.5 39.4 59.0

151 90.9 75.5 113.3



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: 19.370 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

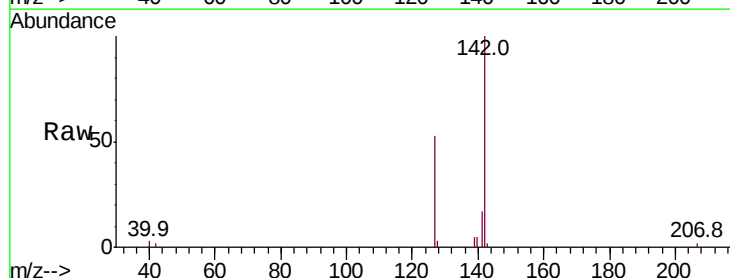
Tgt Ion:142 Resp: 28601

Ion Ratio Lower Upper

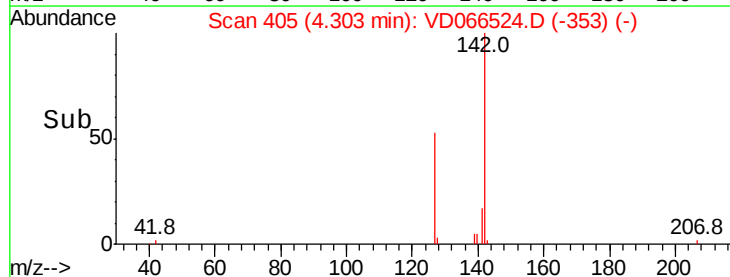
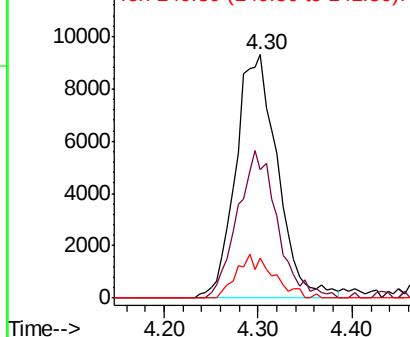
142 100

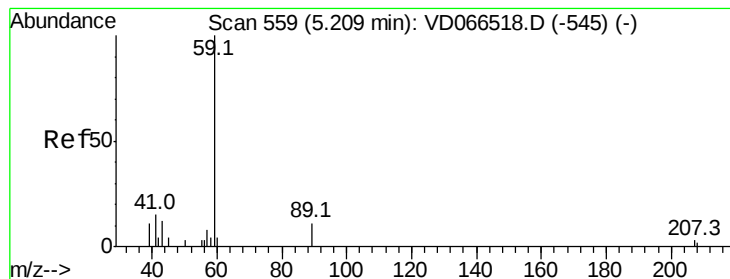
127 57.8 46.3 69.5

141 15.5 12.4 18.6



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: 20.189 ug/l

RT: 5.20 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

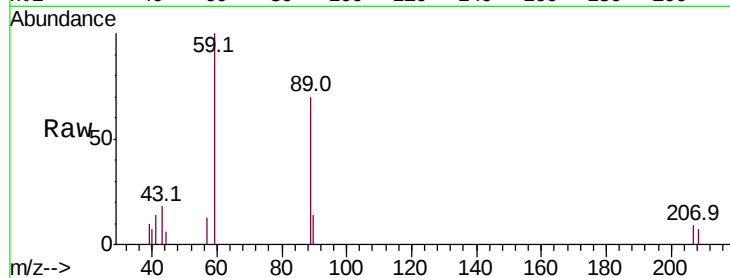
VD0902SBS01

Tot Ion: 59 Resp: 5460

Ion Ratio Lower Upper

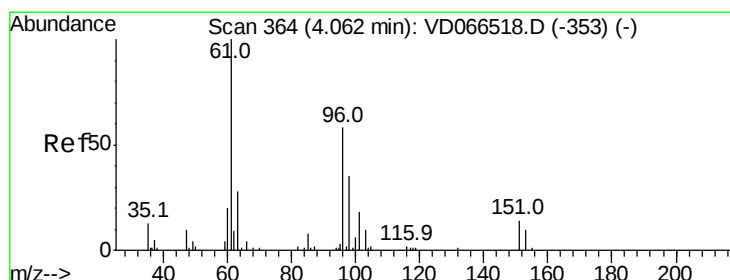
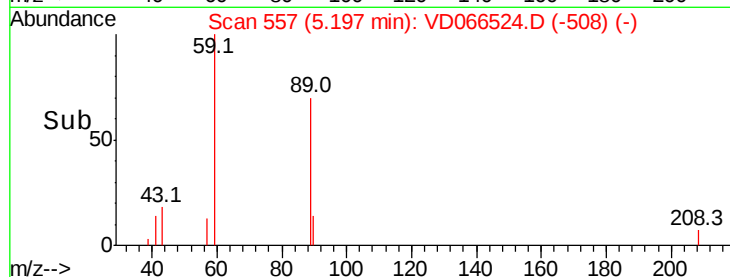
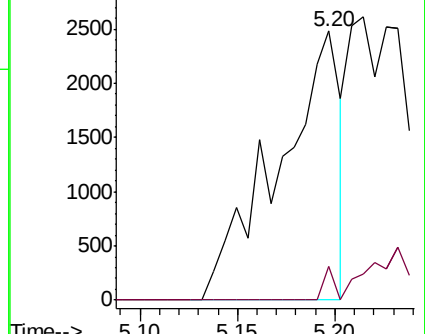
59 100

57 0.0 6.8 10.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 21.125 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

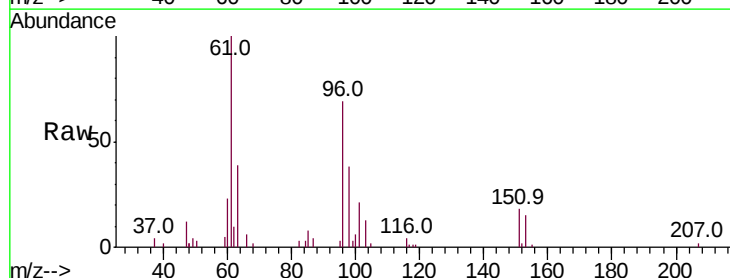
Tgt Ion: 96 Resp: 26436

Ion Ratio Lower Upper

96 100

61 144.4 137.5 206.3

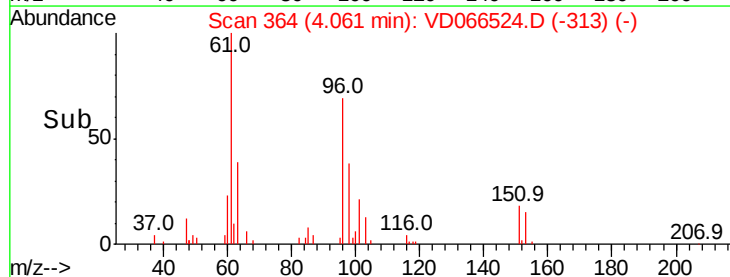
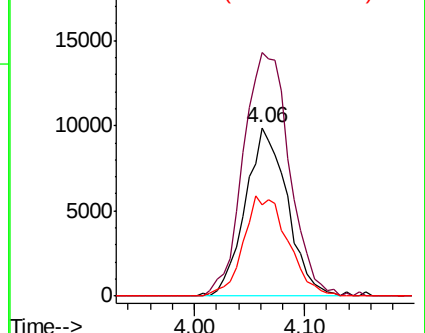
98 54.4 47.8 71.6

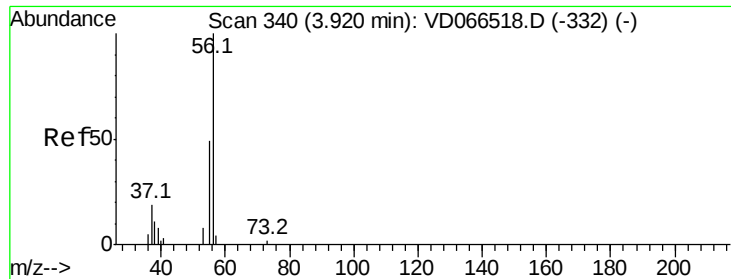


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 98.378 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

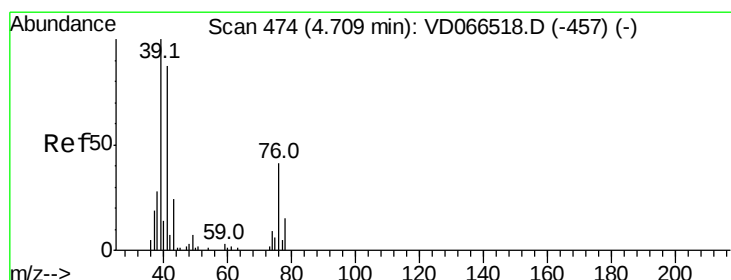
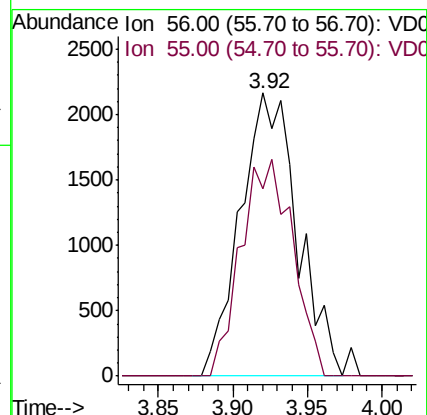
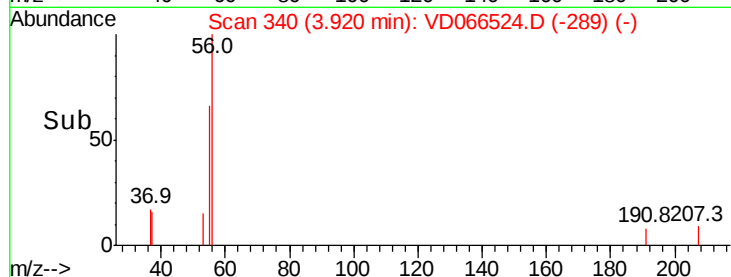
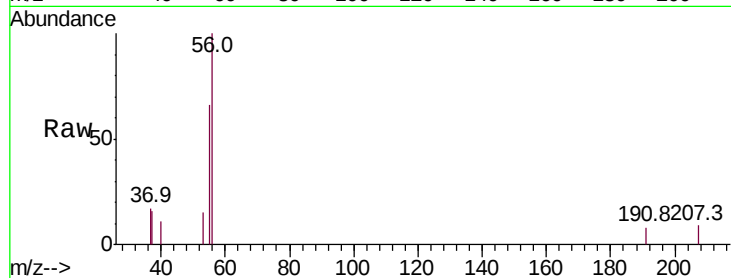
VD0902SBS01

Tot Ion: 56 Resp: 5764

Ion Ratio Lower Upper

56 100

55 69.0 53.0 79.4



#14

Allyl chloride

Concen: 21.740 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

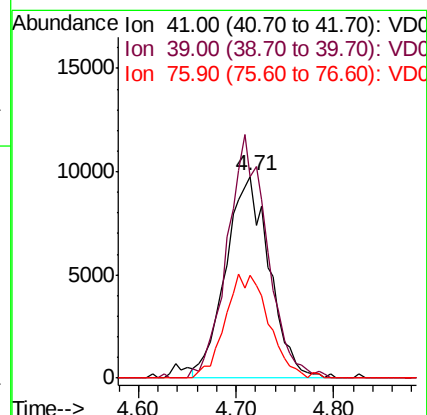
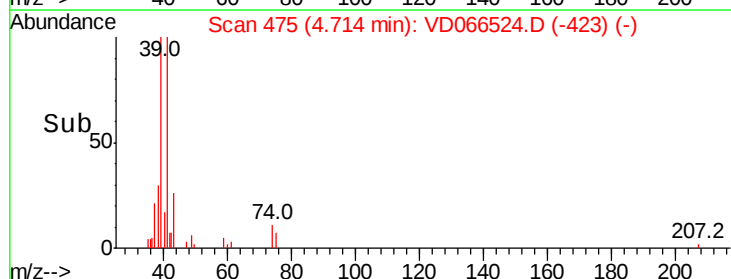
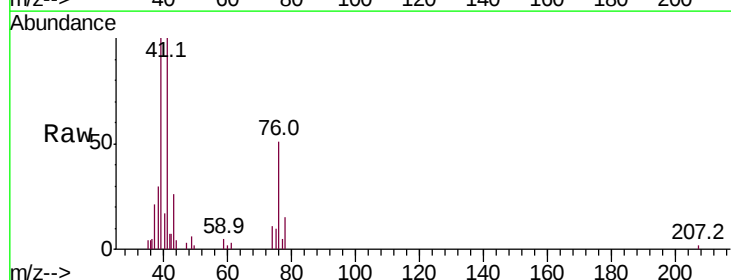
Tgt Ion: 41 Resp: 30410

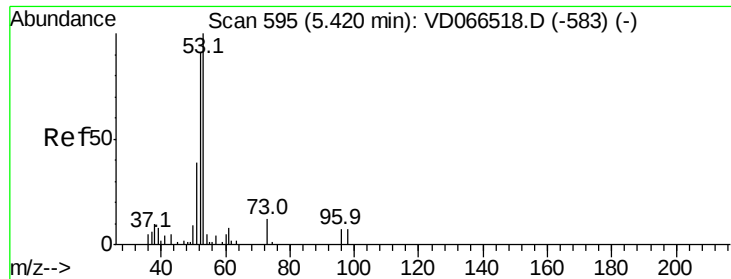
Ion Ratio Lower Upper

41 100

39 110.4 93.8 140.8

76 51.0 39.4 59.0





#15

Acrylonitrile

Concen: 104.663 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBS01

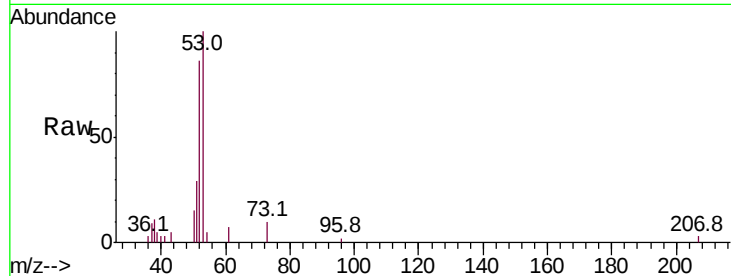
Tot Ion: 53 Resp: 22494

Ion Ratio Lower Upper

53 100

52 84.7 71.0 106.4

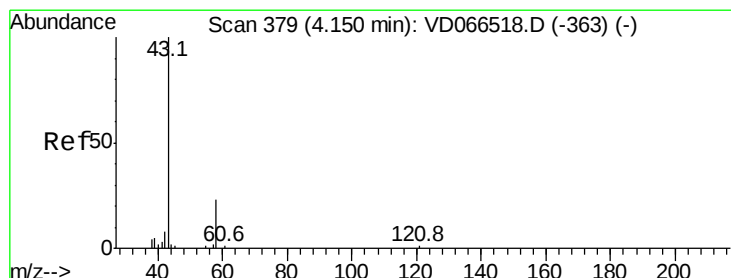
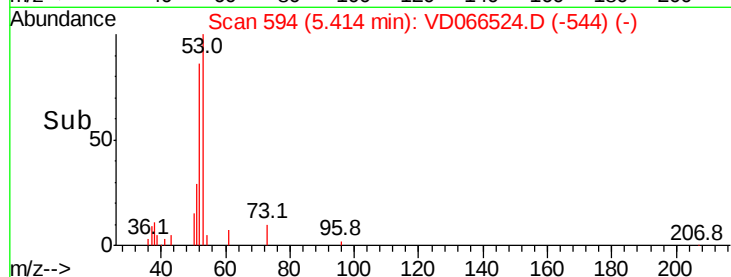
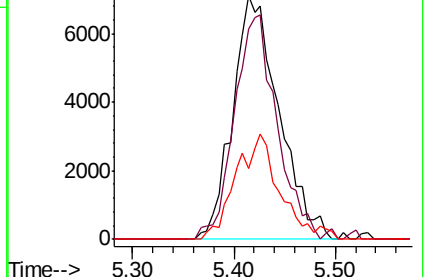
51 39.8 35.8 53.6



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 98.137 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066524.D

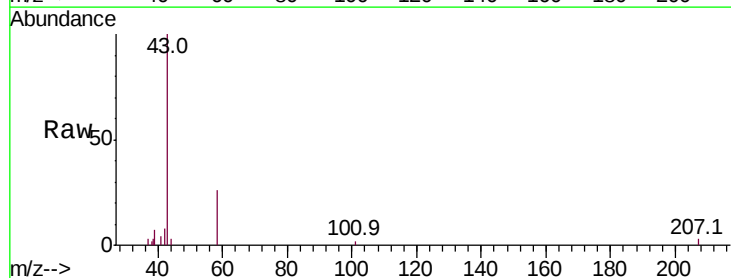
Acq: 02 Sep 2020 15:53

Tgt Ion: 43 Resp: 26180

Ion Ratio Lower Upper

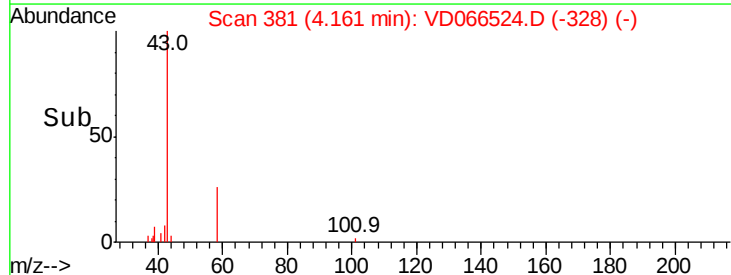
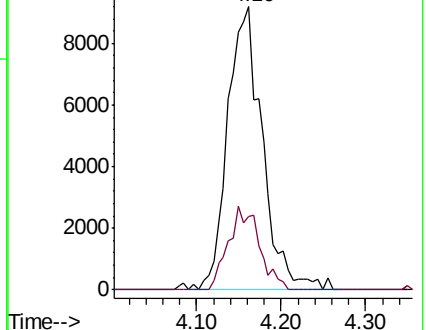
43 100

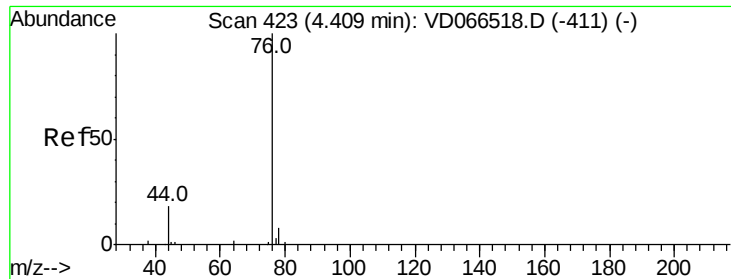
58 25.8 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

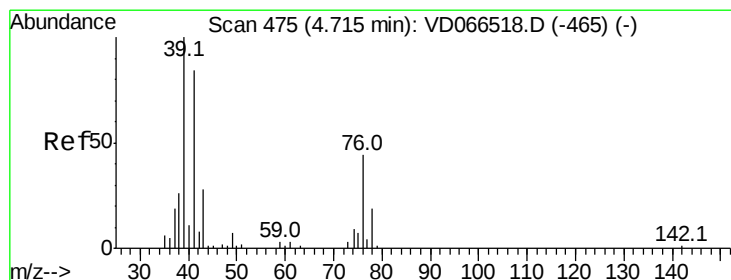
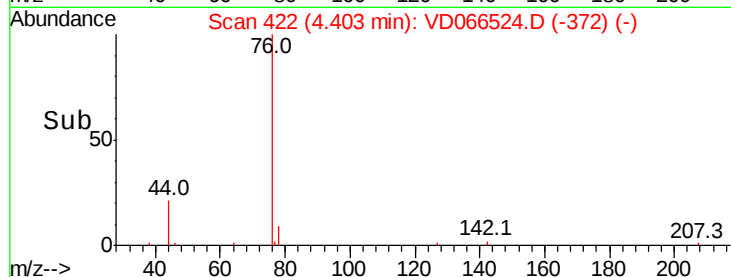
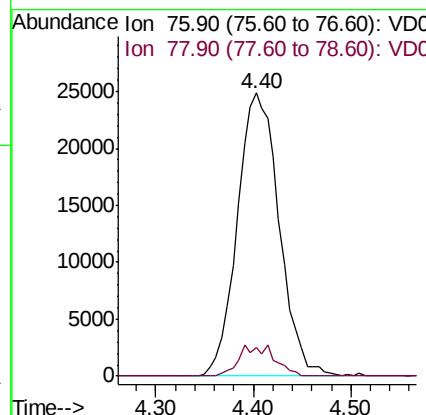
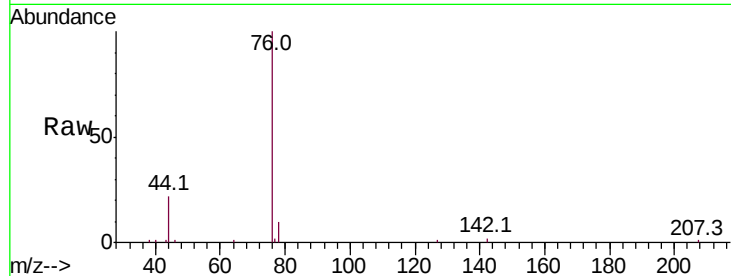




#17
Carbon Disulfide
Concen: 20.573 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

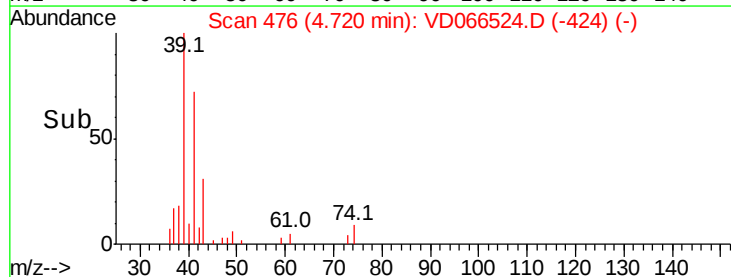
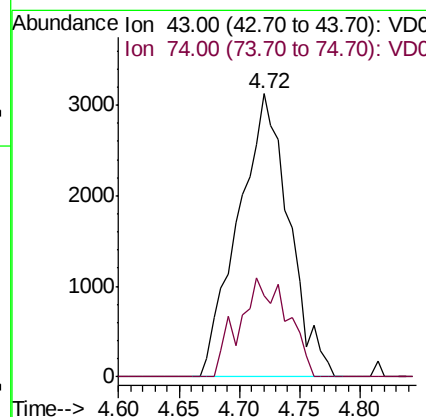
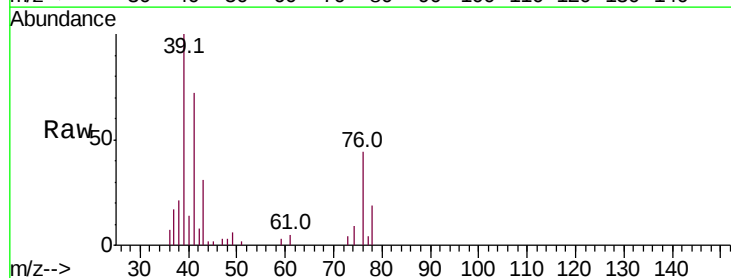
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBSD01

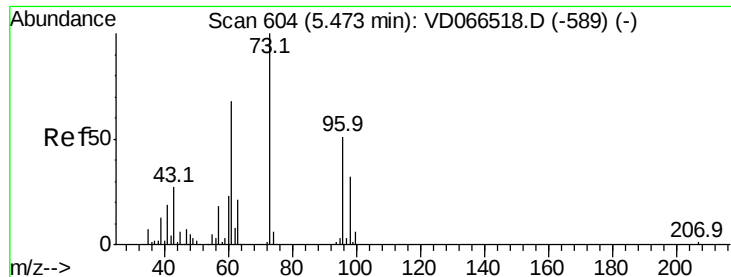
Tot Ion: 76 Resp: 74401
Ion Ratio Lower Upper
76 100
78 10.2 6.2 9.4#



#18
Methyl Acetate
Concen: 21.331 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion: 43 Resp: 9137
Ion Ratio Lower Upper
43 100
74 32.9 26.3 39.5



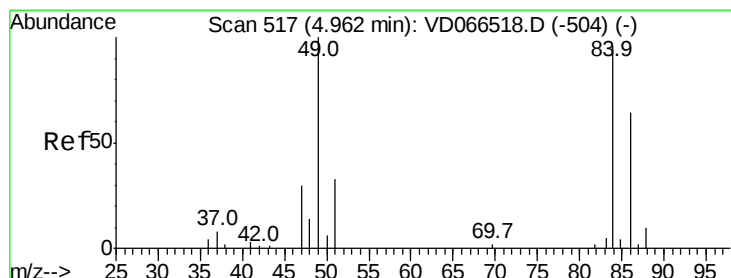
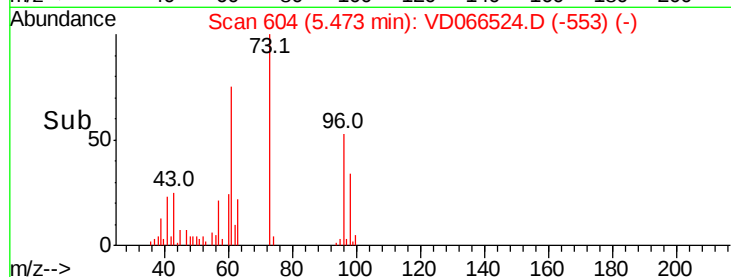
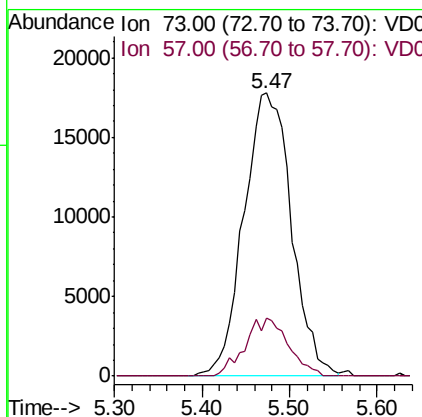
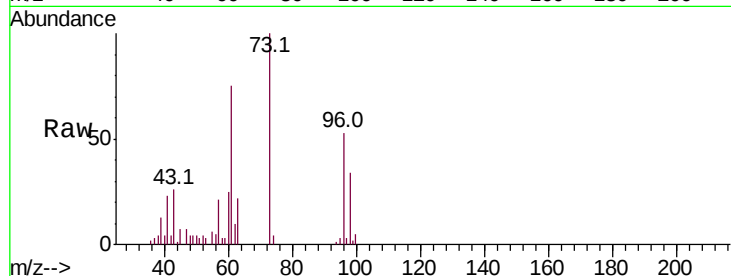


#19

Methyl tert-butyl Ether
 Concen: 20.264 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VD066524.D
 Acq: 02 Sep 2020 15:53

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0902SBS01

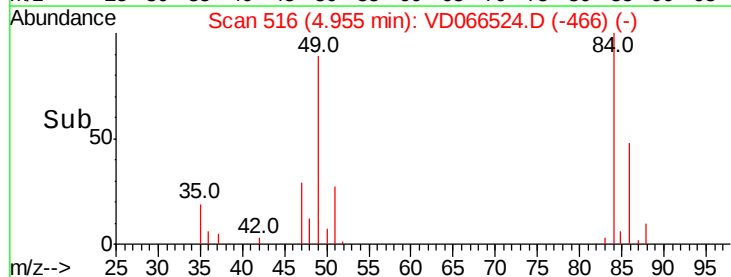
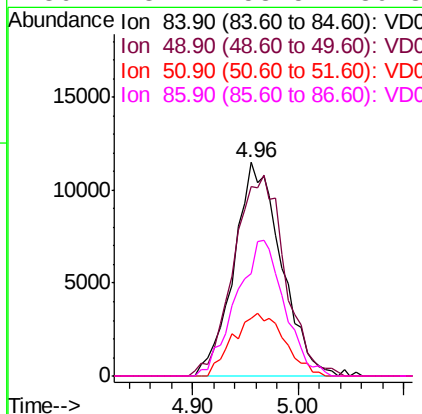
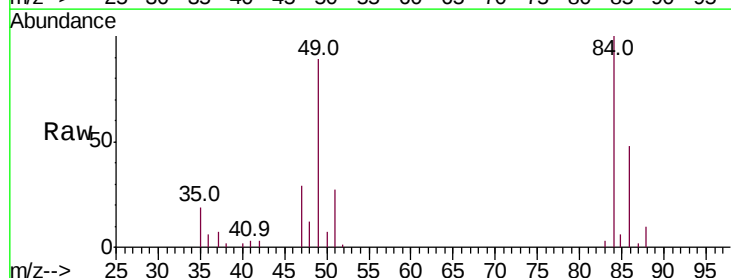
Tot Ion: 73 Resp: 66168
 Ion Ratio Lower Upper
 73 100
 57 20.6 14.6 22.0

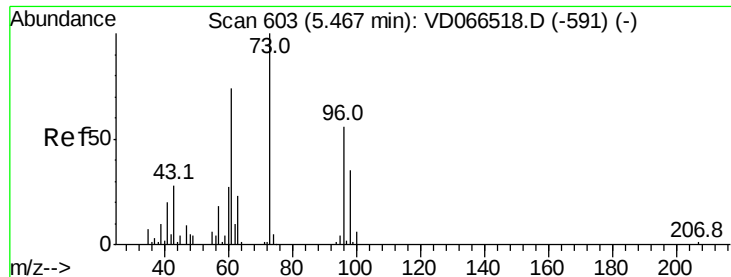


#20

Methylene Chloride
 Concen: 24.555 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: VD066524.D
 Acq: 02 Sep 2020 15:53

Tgt Ion: 84 Resp: 35774
 Ion Ratio Lower Upper
 84 100
 49 88.8 83.5 125.3
 51 27.2 27.8 41.8#
 86 48.2 53.5 80.3#





#21

trans-1,2-Dichloroethene

Concen: 21.480 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBSD01

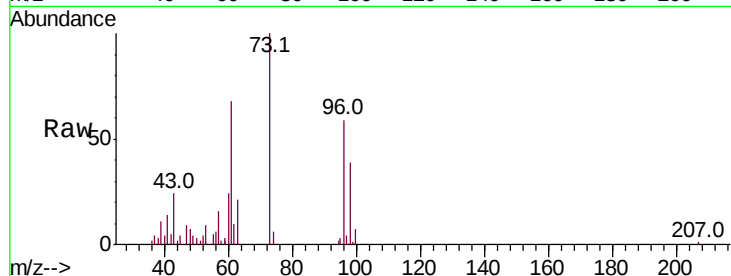
Tot Ion: 96 Resp: 30746

Ion Ratio Lower Upper

96 100

61 114.6 106.6 160.0

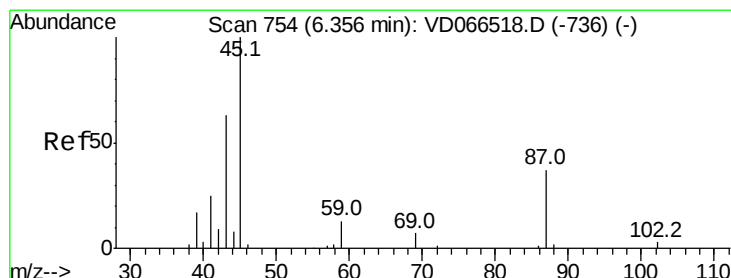
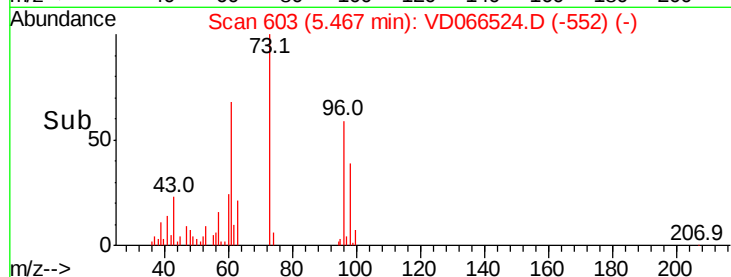
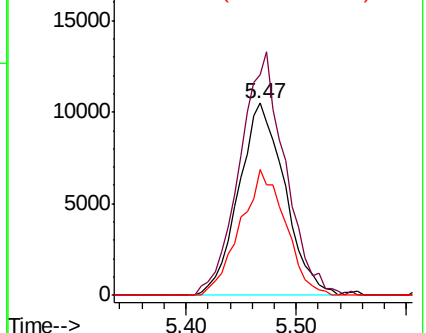
98 65.8 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 20.473 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Tgt Ion: 45 Resp: 57398

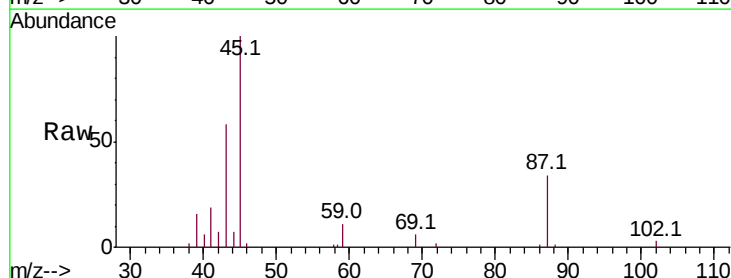
Ion Ratio Lower Upper

45 100

43 57.0 53.4 80.0

87 34.2 30.2 45.4

59 10.5 11.1 16.7#

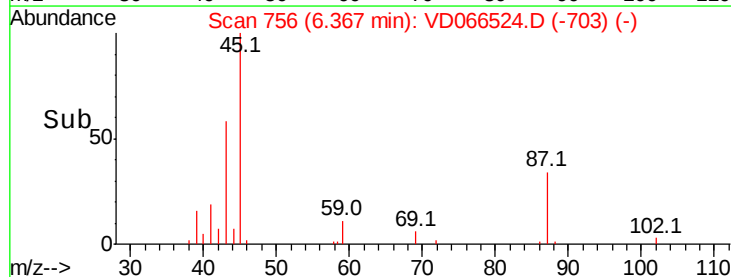
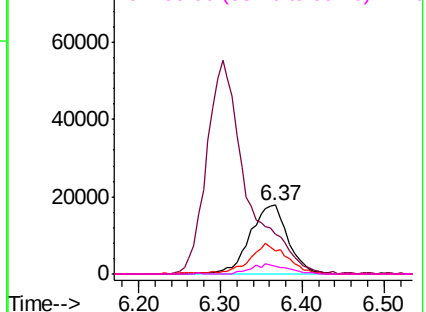


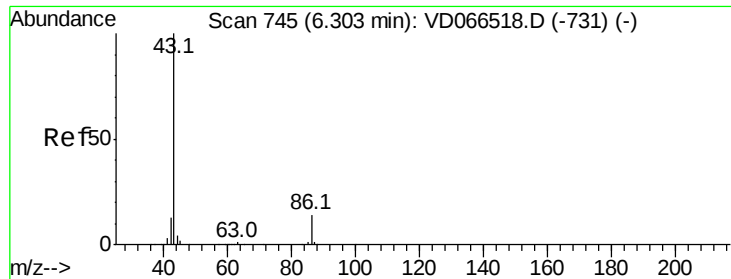
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 104.475 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

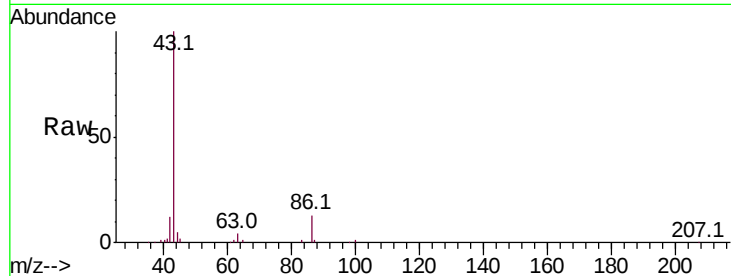
VD0902SBSD01

Tot Ion: 43 Resp: 188306

Ion Ratio Lower Upper

43 100

86 13.3 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

60000

50000

40000

30000

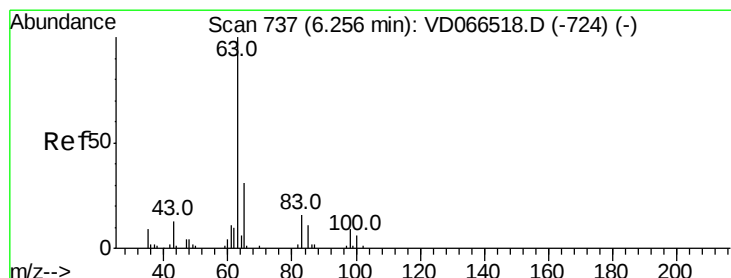
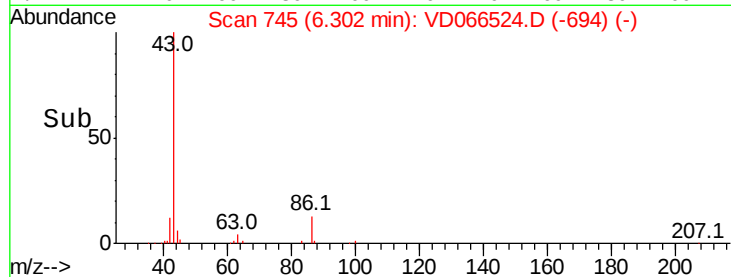
20000

10000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 20.827 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

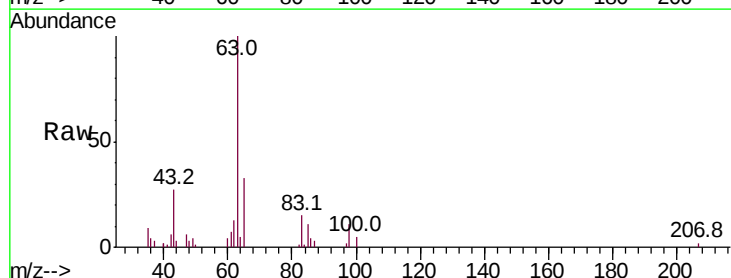
Tgt Ion: 63 Resp: 45858

Ion Ratio Lower Upper

63 100

98 11.2 4.3 13.1

100 5.0 2.9 8.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

20000

15000

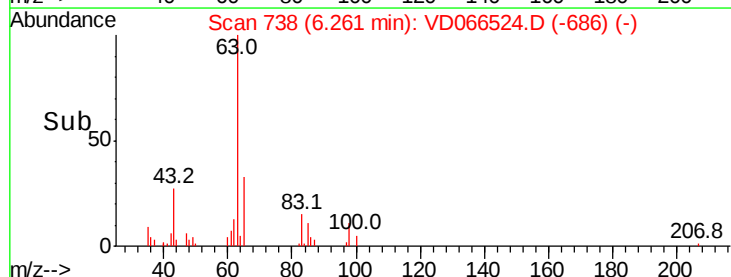
10000

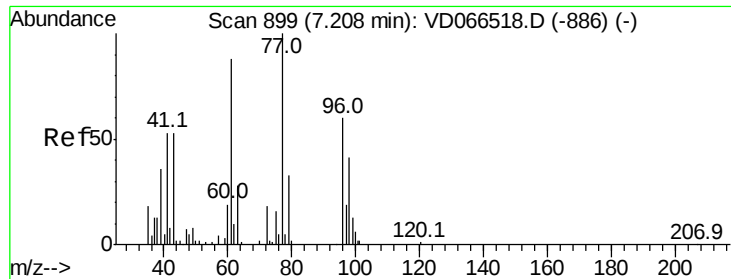
5000

0

6.20 6.30

Time-->

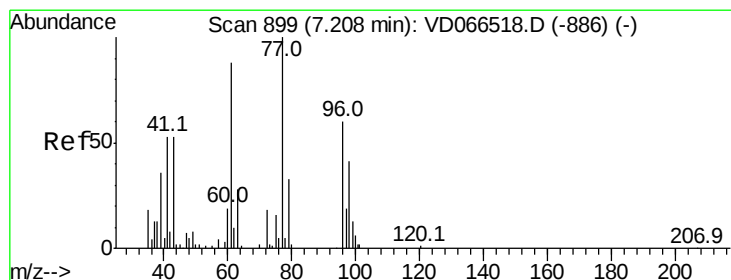
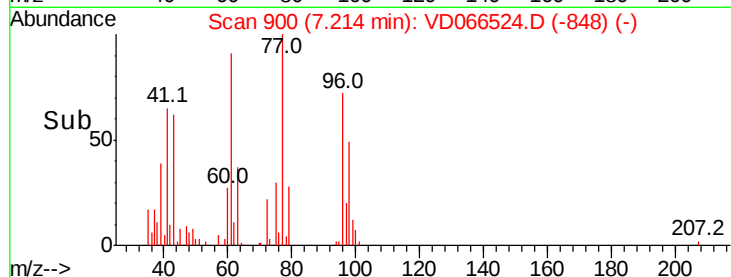
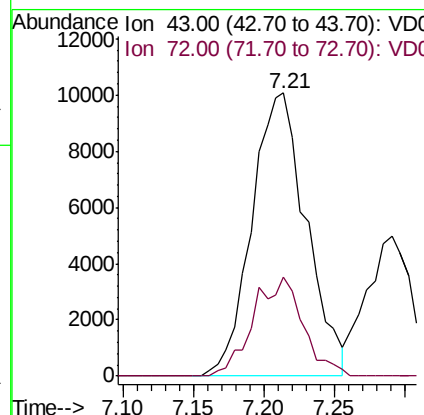
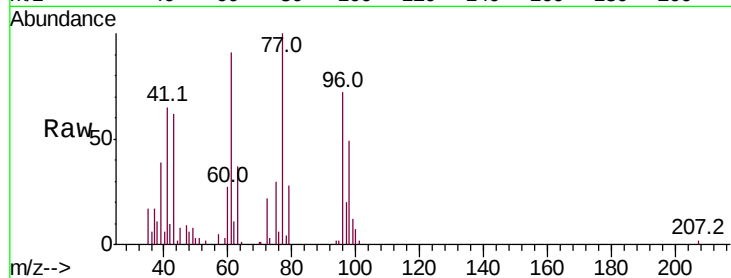




#25
2-Butanone
Concen: 98.449 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

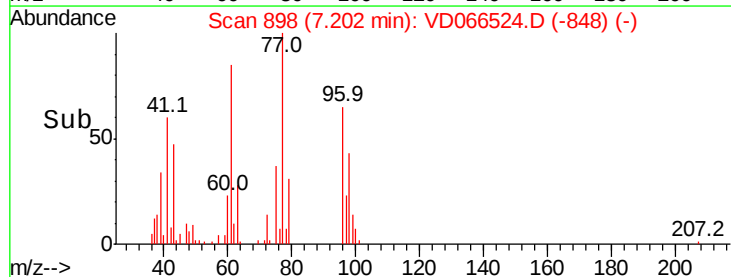
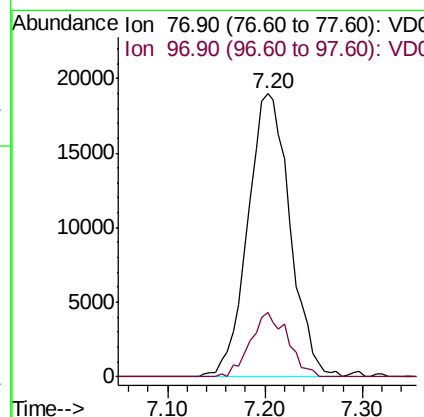
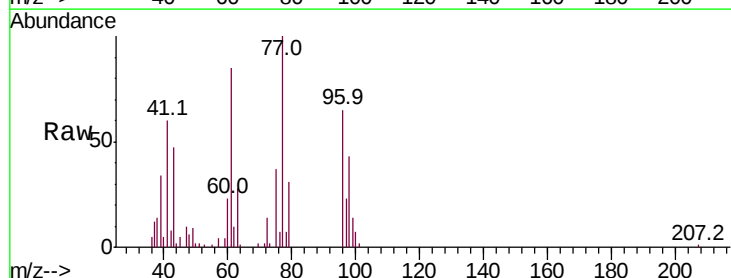
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBSD01

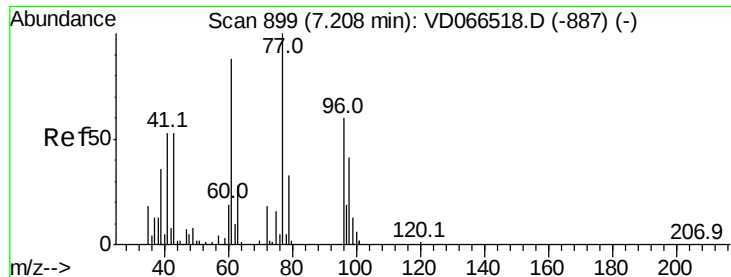
Tot Ion: 43 Resp: 27183
Ion Ratio Lower Upper
43 100
72 34.9 26.8 40.2



#26
2,2-Dichloropropane
Concen: 20.582 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion: 77 Resp: 57423
Ion Ratio Lower Upper
77 100
97 20.3 10.2 30.4



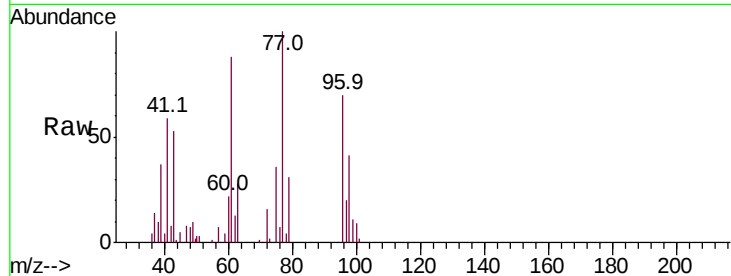


#27

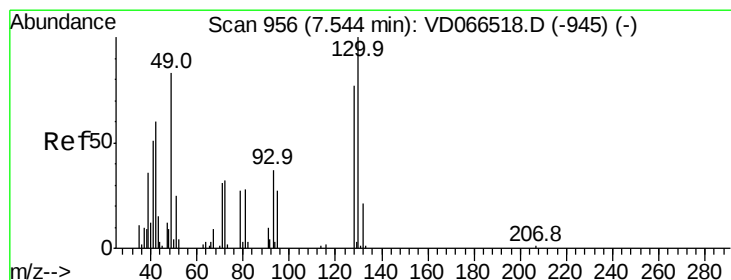
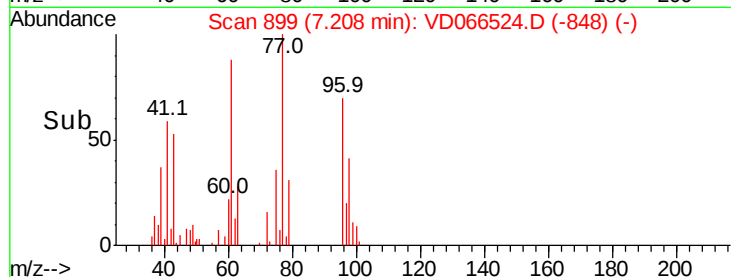
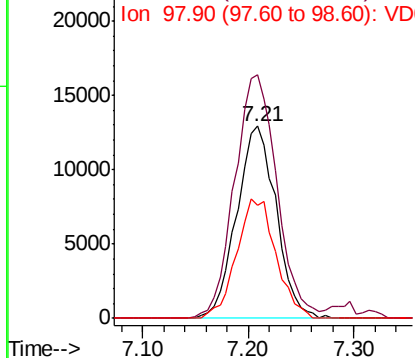
cis-1,2-Dichloroethene
 Concen: 21.630 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066524.D
 Acq: 02 Sep 2020 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

Tot Ion: 96 Resp: 33575
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 292.8
 98 61.8 0.0 130.2



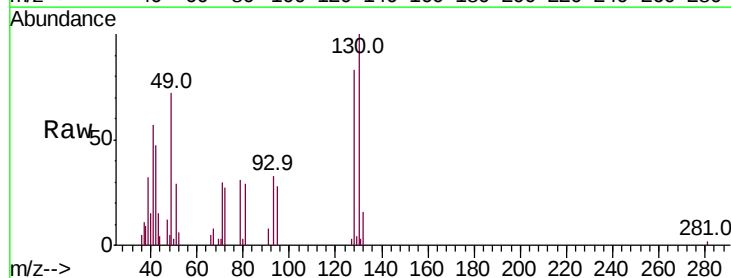
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



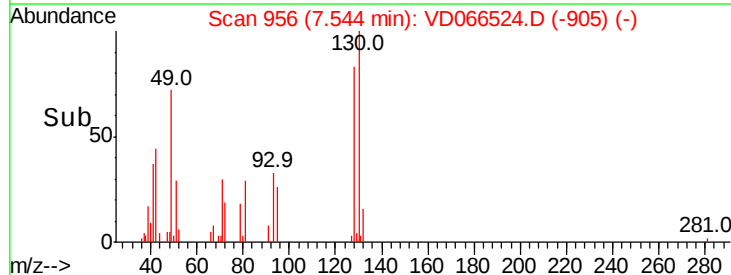
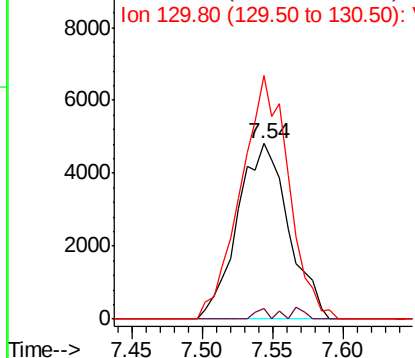
#28

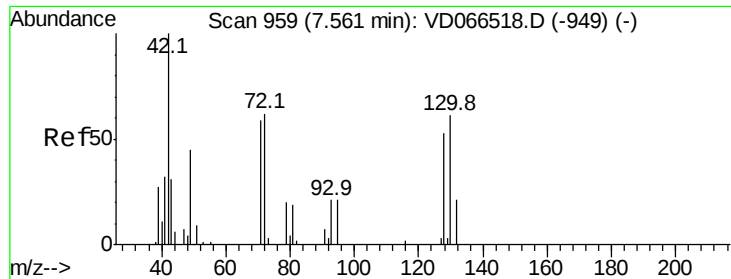
Bromochloromethane
 Concen: 19.194 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066524.D
 Acq: 02 Sep 2020 15:53

Tgt Ion: 49 Resp: 12227
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 1.2#
 130 129.4 98.0 147.0



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

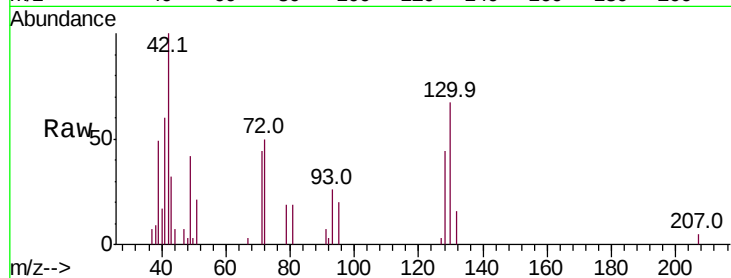




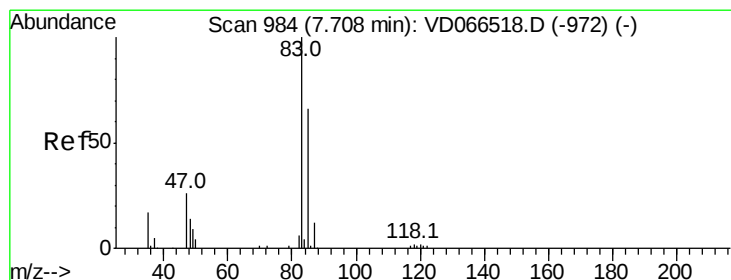
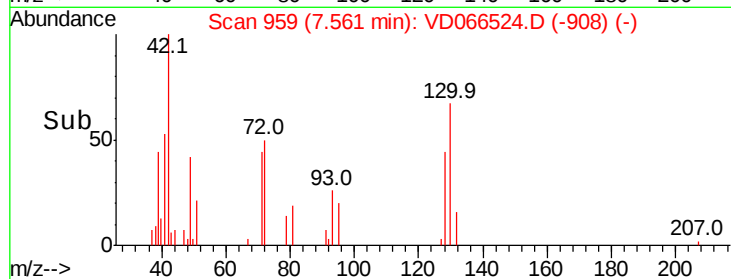
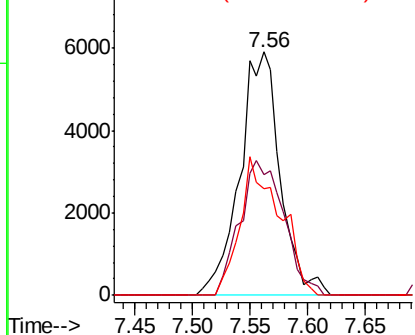
#29
Tetrahydrofuran
Concen: 101.909 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

Tot Ion: 42 Resp: 14465
Ion Ratio Lower Upper
42 100
72 60.2 48.6 72.8
71 56.1 43.2 64.8

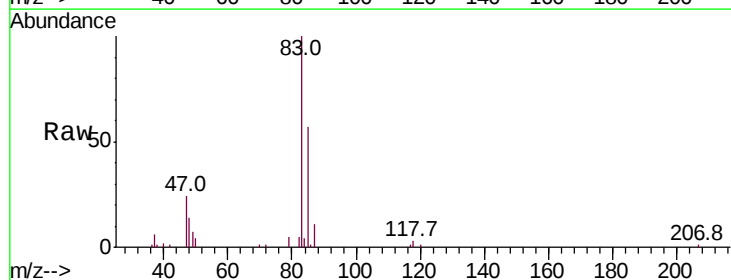


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

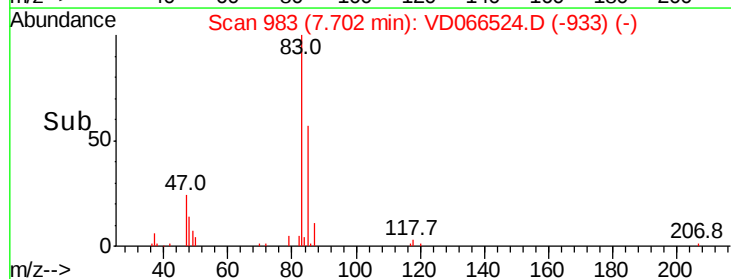
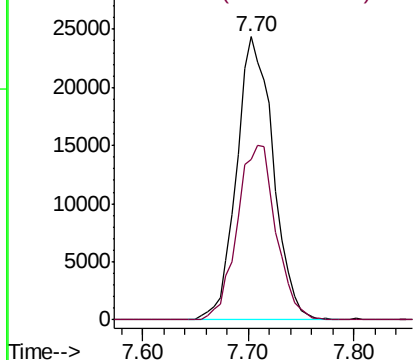


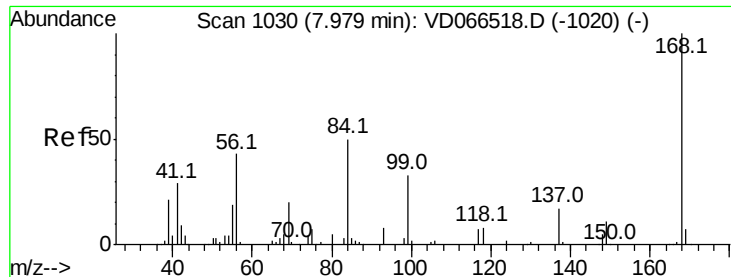
#30
Chloroform
Concen: 20.554 ug/l
RT: 7.70 min Scan# 983
Delta R.T. -0.01 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion: 83 Resp: 58439
Ion Ratio Lower Upper
83 100
85 56.6 52.6 79.0



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

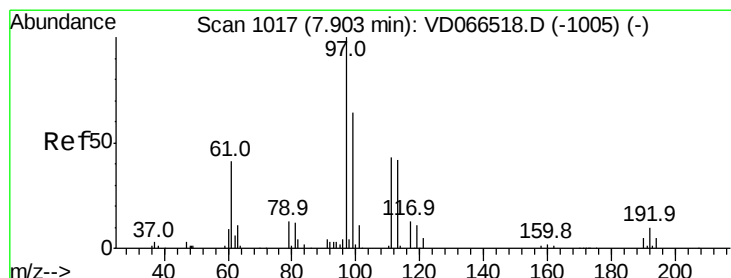
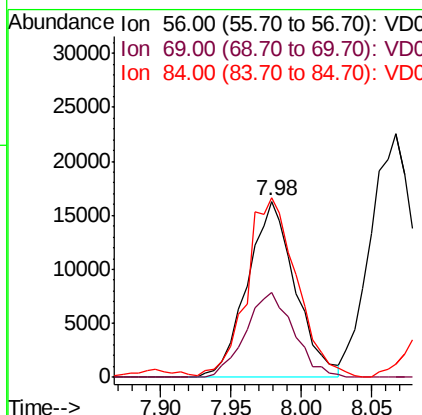
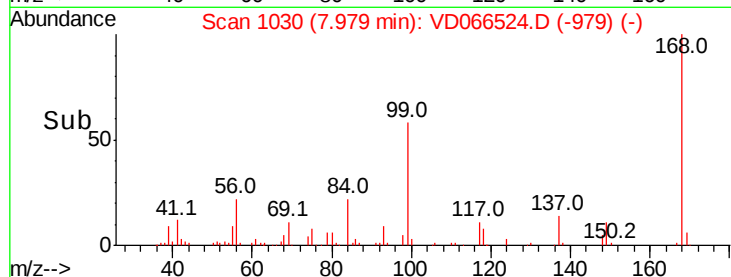
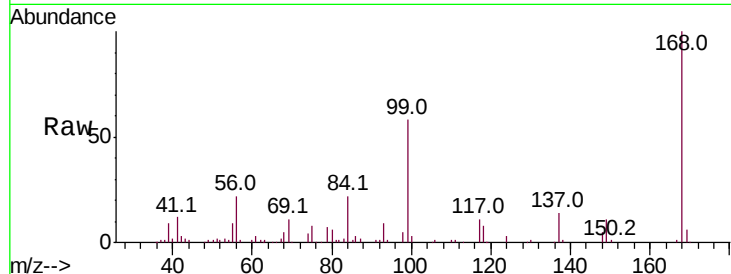




#31
Cyclohexane
Concen: 21.144 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

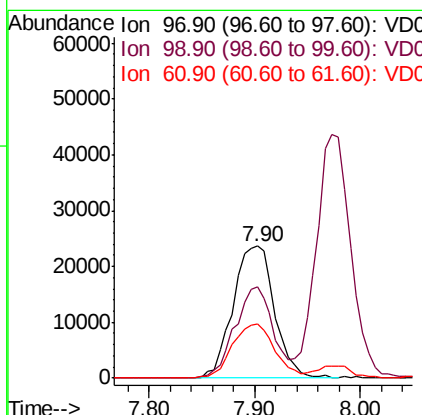
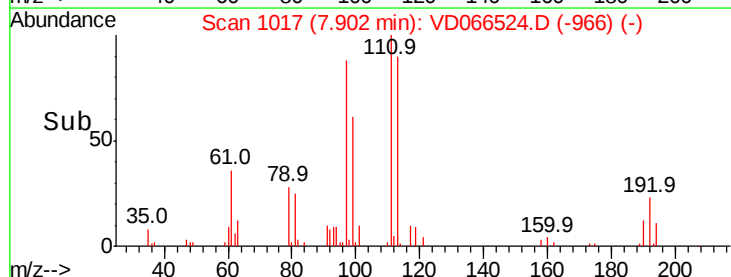
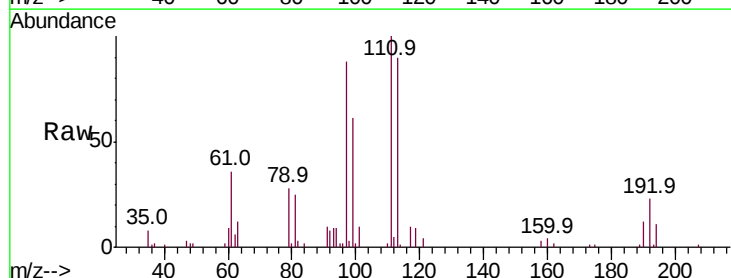
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBSD01

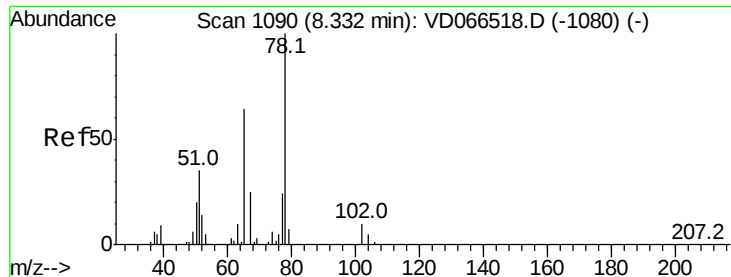
Tot Ion: 56 Resp: 38791
Ion Ratio Lower Upper
56 100
69 48.2 36.8 55.2
84 100.5 93.4 140.0



#32
1,1,1-Trichloroethane
Concen: 20.376 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion: 97 Resp: 64521
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 41.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.846 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

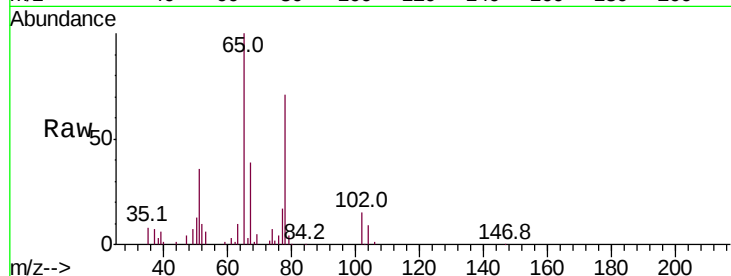
VD0902SBSD01

Tot Ion: 65 Resp: 95326

Ion Ratio Lower Upper

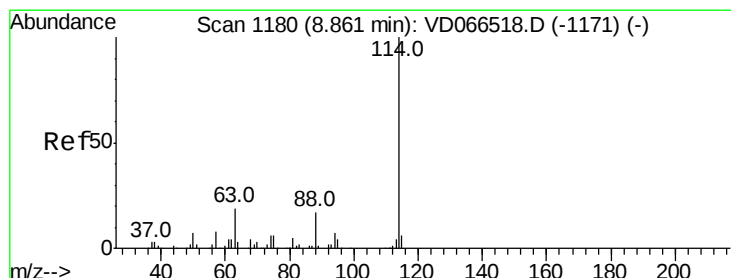
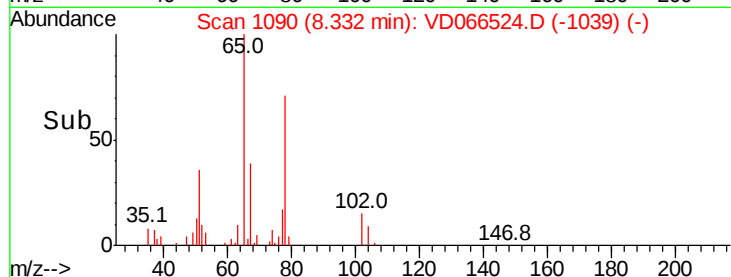
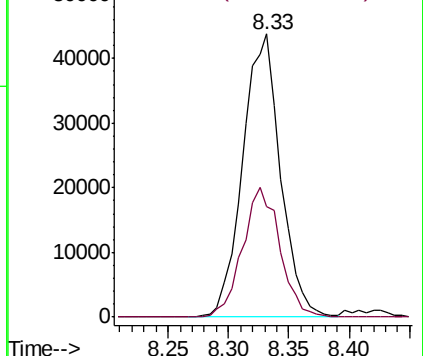
65 100

67 45.2 0.0 88.2



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: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

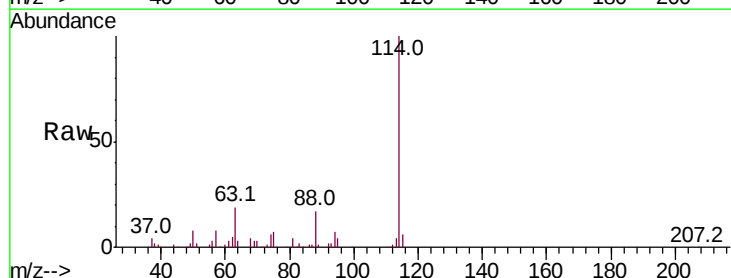
Tgt Ion: 114 Resp: 228569

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

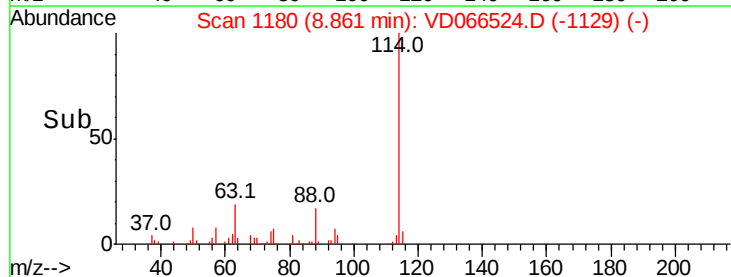
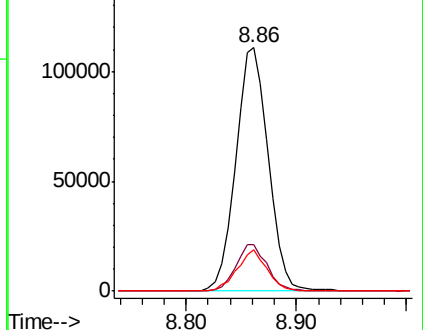
88 16.9 0.0 33.6

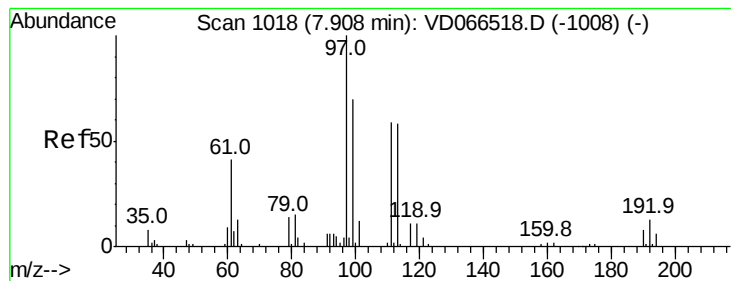


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 53.889 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBSD01

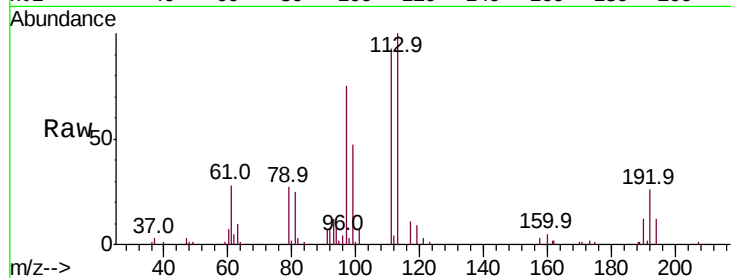
Tot Ion:113 Resp: 74083

Ion Ratio Lower Upper

113 100

111 104.7 82.5 123.7

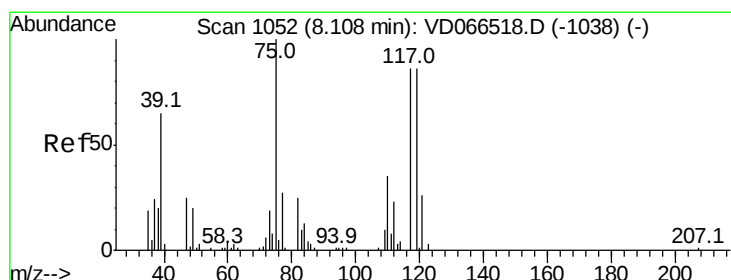
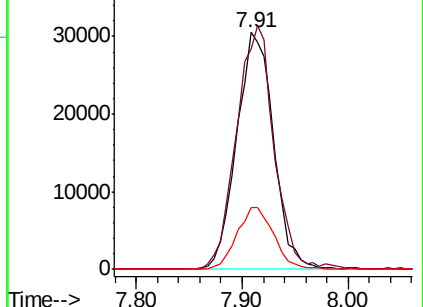
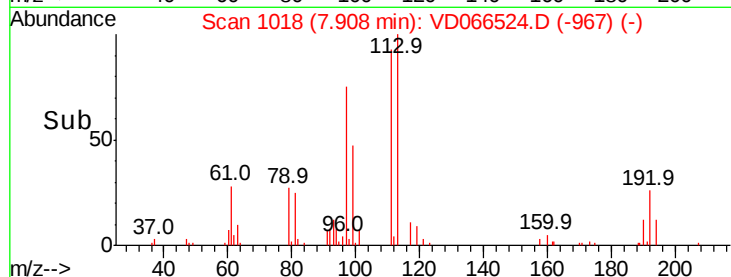
192 26.1 20.7 31.1



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: 21.646 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

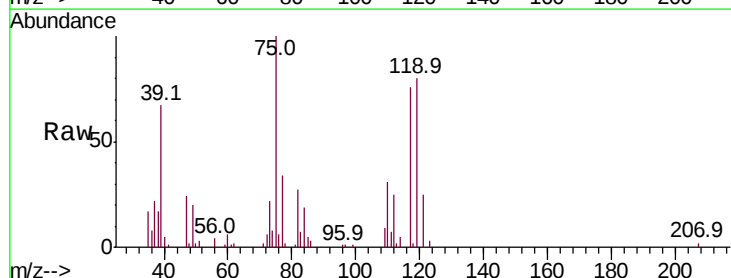
Tgt Ion: 75 Resp: 43371

Ion Ratio Lower Upper

75 100

110 34.7 18.4 55.2

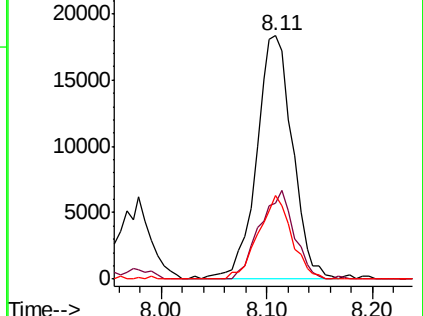
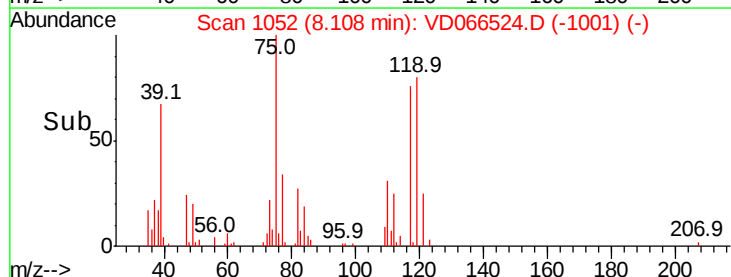
77 31.6 24.6 36.8

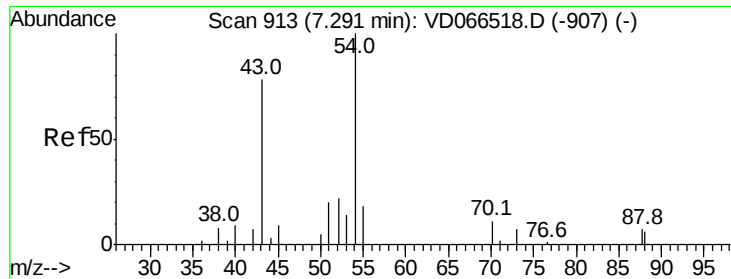


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

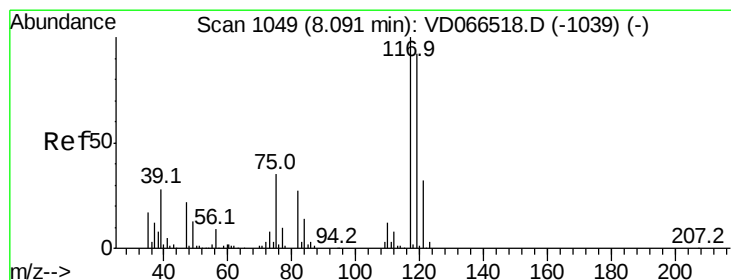
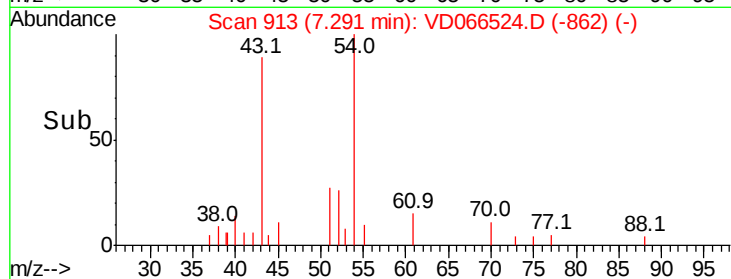
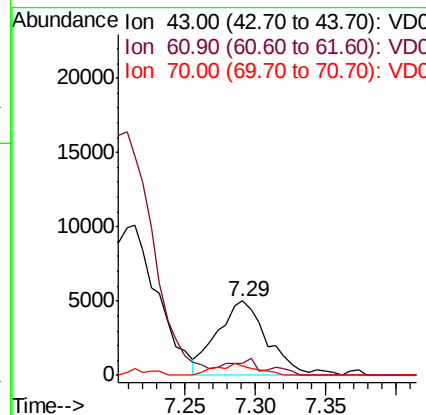
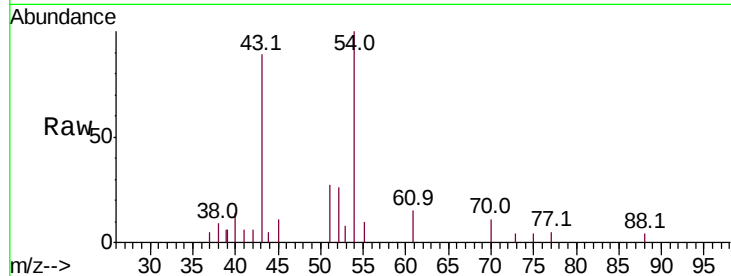




#37
Ethyl Acetate
Concen: 20.715 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

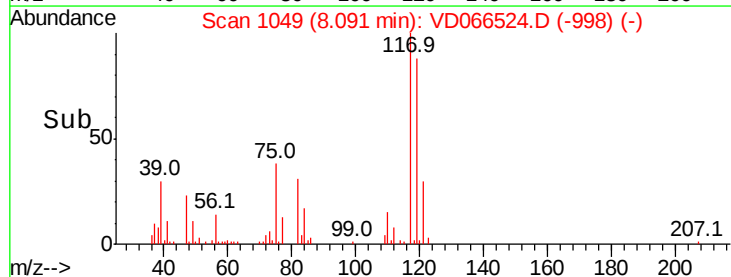
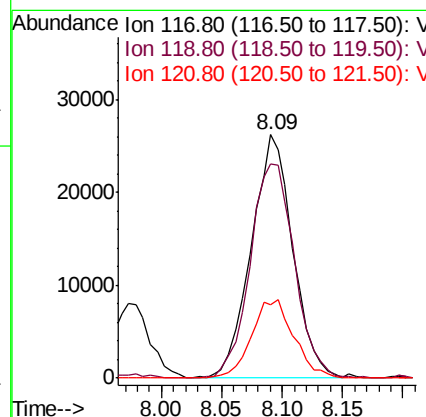
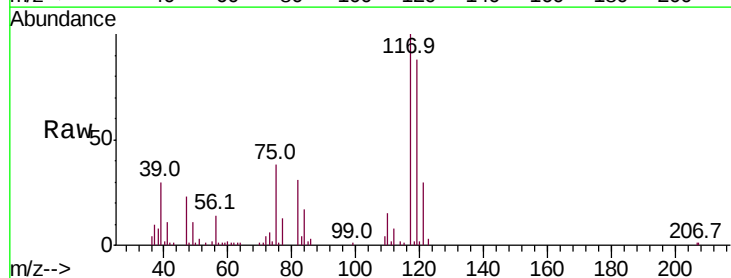
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBSD01

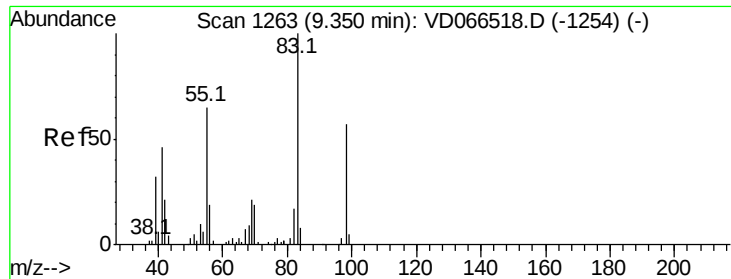
Tot Ion: 43 Resp: 12459
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 12.5 10.2 15.2



#38
Carbon Tetrachloride
Concen: 20.488 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion: 117 Resp: 62535
Ion Ratio Lower Upper
117 100
119 87.7 73.9 110.9
121 30.1 25.6 38.4

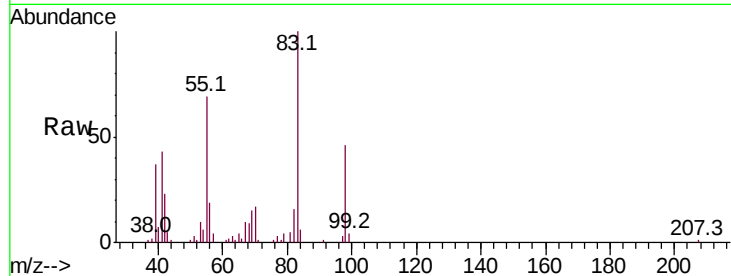




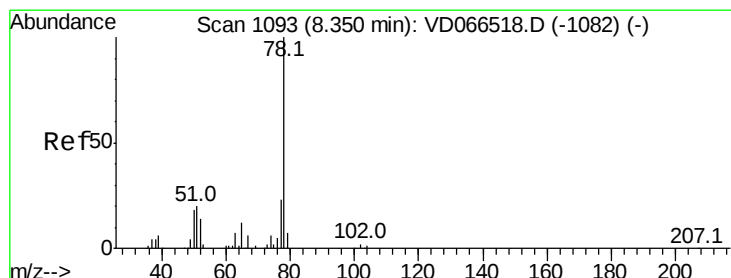
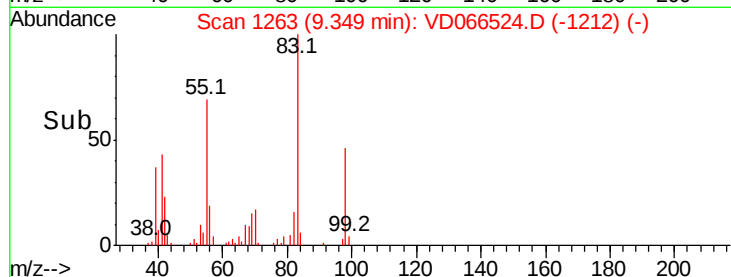
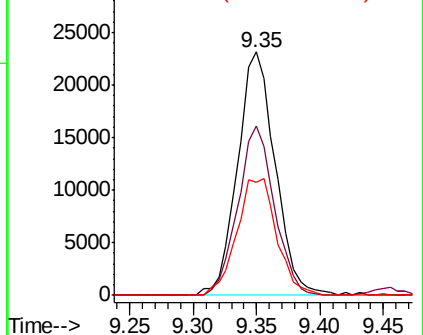
#39
Methvlcvclohexane
Concen: 20.366 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBSD01

Tot Ion: 83 Resp: 47674
Ion Ratio Lower Upper
83 100
55 69.3 52.2 78.2
98 46.4 45.6 68.4

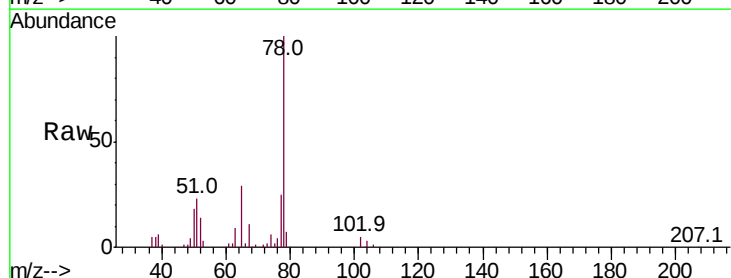


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

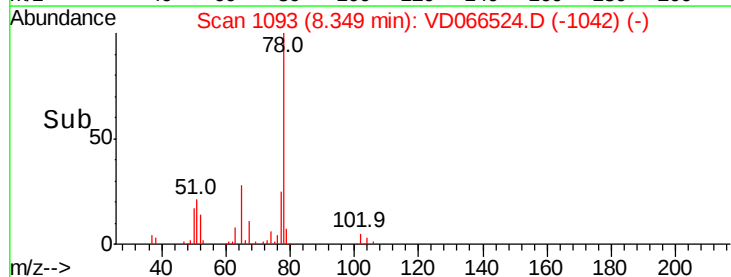
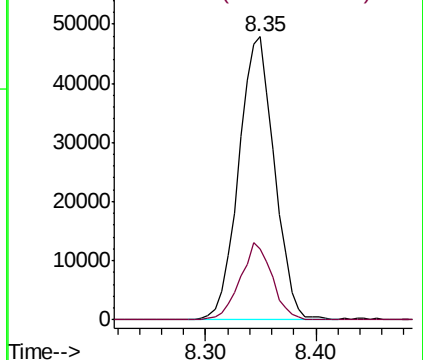


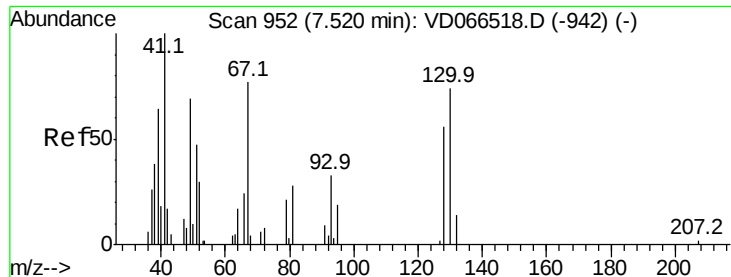
#40
Benzene
Concen: 20.993 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion: 78 Resp: 108505
Ion Ratio Lower Upper
78 100
77 25.0 18.1 27.1



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

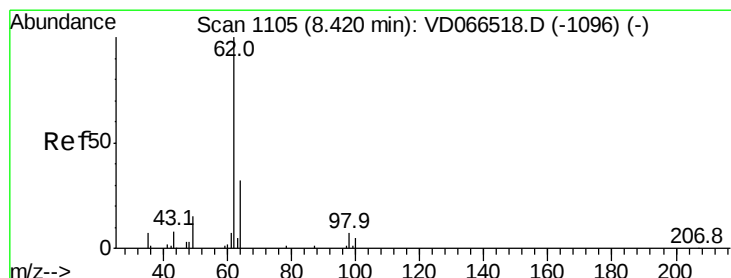
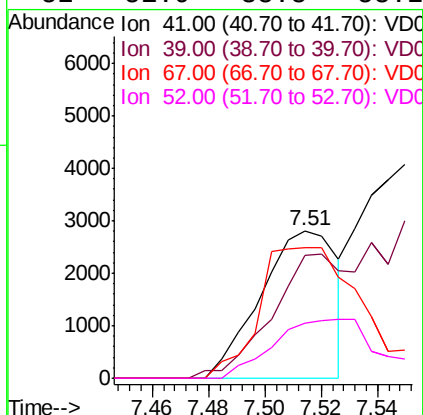
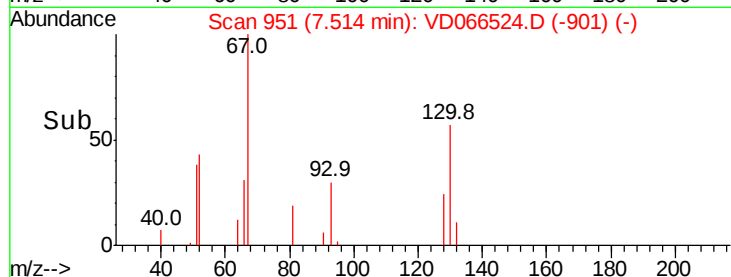
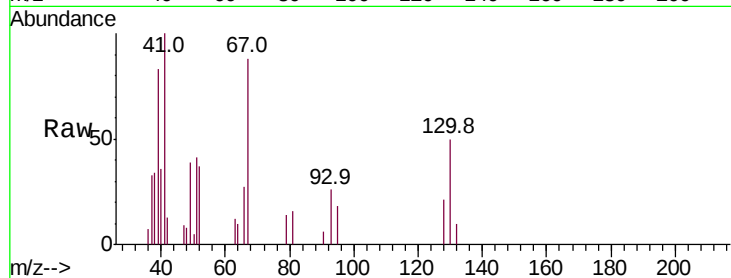




#41
Methacrylonitrile
Concen: 16.950 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

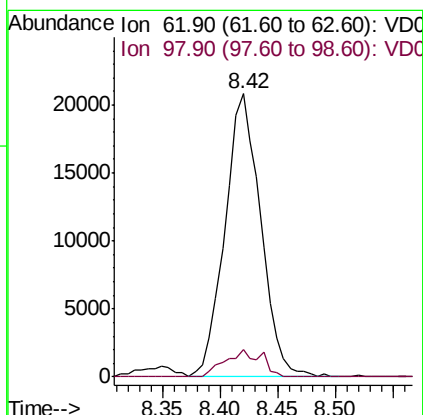
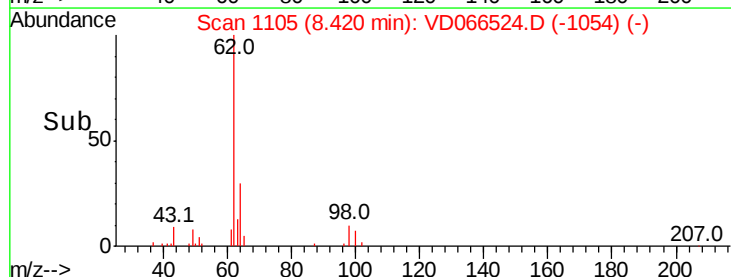
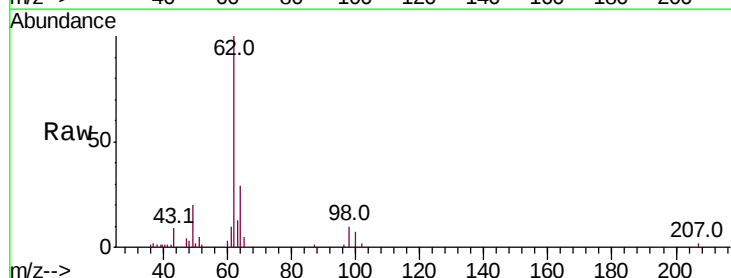
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBSD01

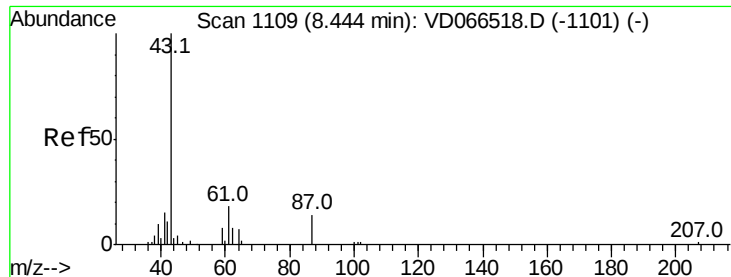
Tot Ion: 41 Resp: 5304
Ion Ratio Lower Upper
41 100
39 88.0 0.0 0.0#
67 118.9 85.0 127.4
52 51.9 38.8 58.2



#42
1,2-Dichloroethane
Concen: 20.467 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion: 62 Resp: 44753
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.2





#43

Isopropyl Acetate

Concen: 20.043 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBS01

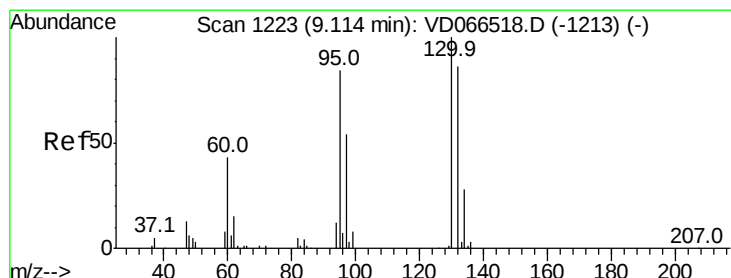
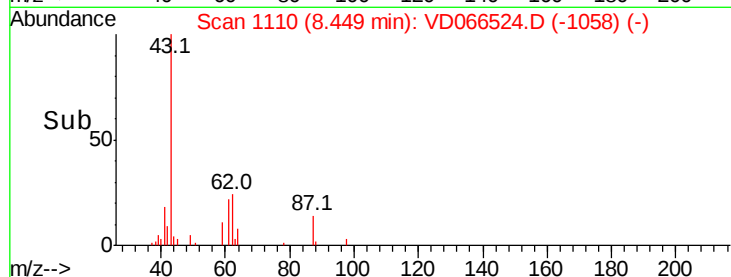
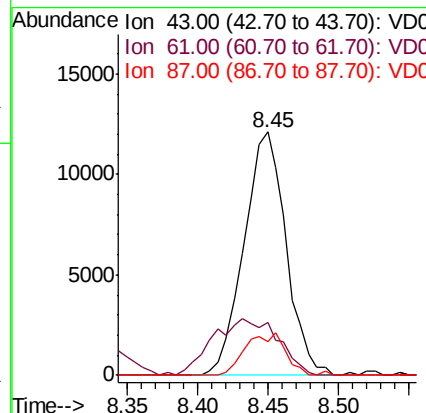
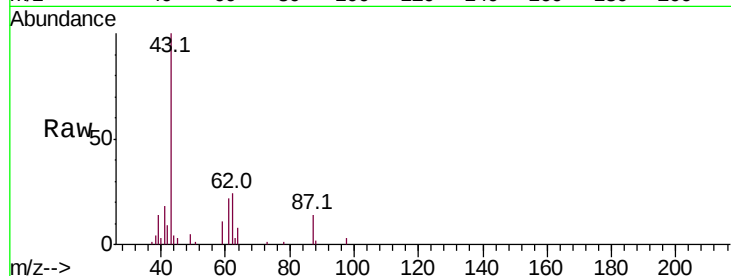
Tot Ion: 43 Resp: 25252

Ion Ratio Lower Upper

43 100

61 0.0 26.9 40.3#

87 16.5 12.9 19.3



#44

Trichloroethene

Concen: 20.848 ug/l

RT: 9.10 min Scan# 1221

Delta R.T. -0.01 min

Lab File: VD066524.D

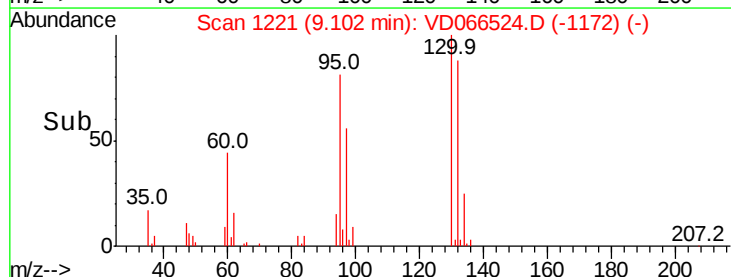
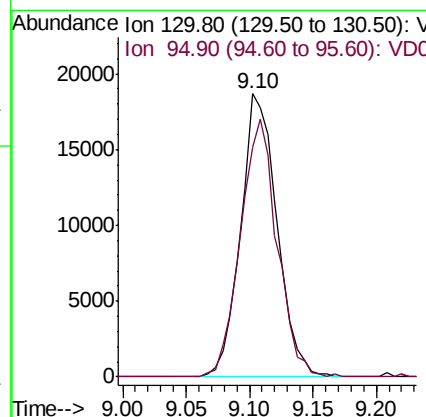
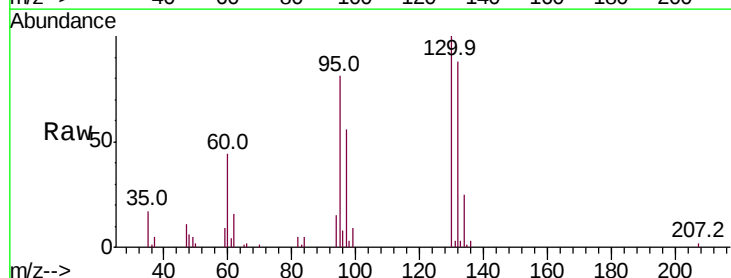
Acq: 02 Sep 2020 15:53

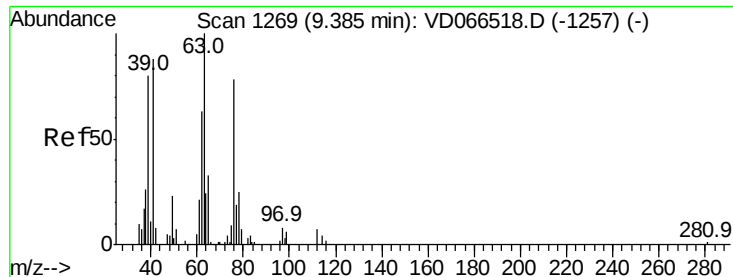
Tgt Ion: 130 Resp: 37192

Ion Ratio Lower Upper

130 100

95 81.0 0.0 167.2





#45

1,2-Dichloropropane

Concen: 21.100 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

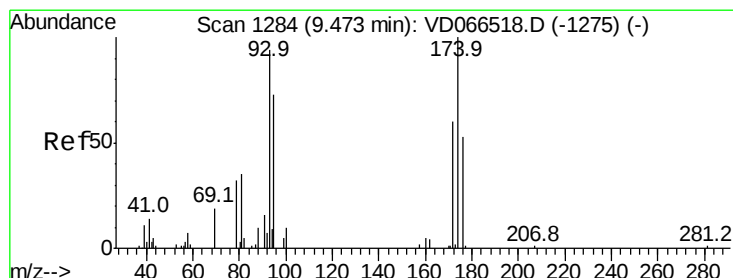
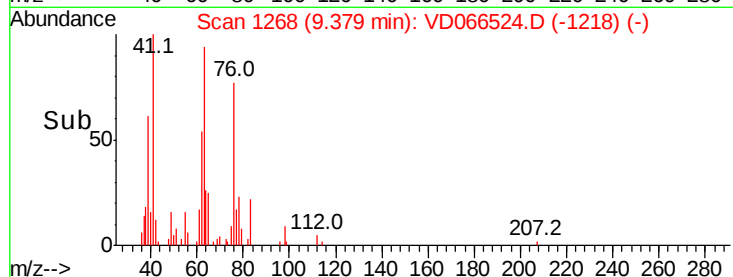
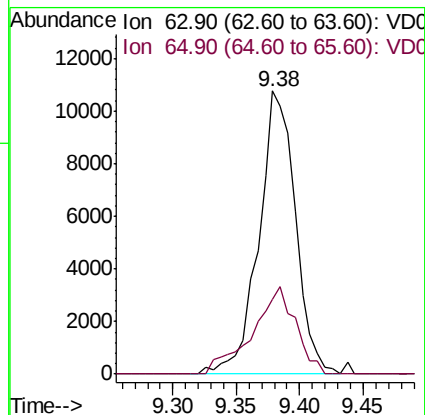
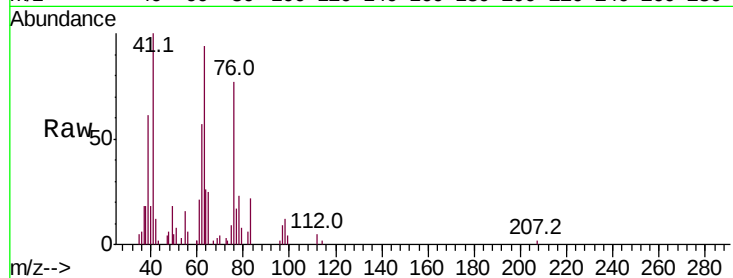
VD0902SBSD01

Tot Ion: 63 Resp: 21638

Ion Ratio Lower Upper

63 100

65 26.5 26.2 39.4



#46

Dibromomethane

Concen: 19.683 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

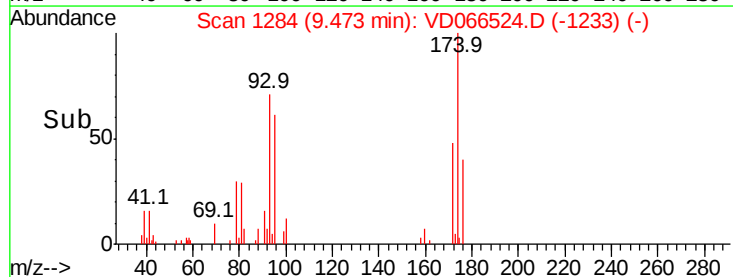
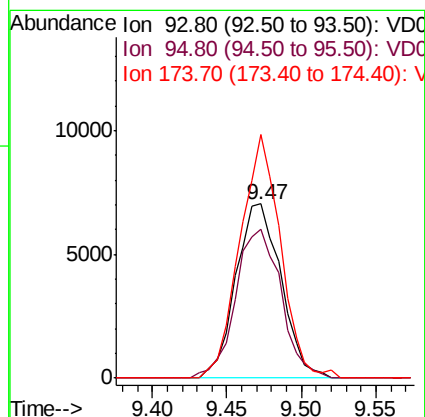
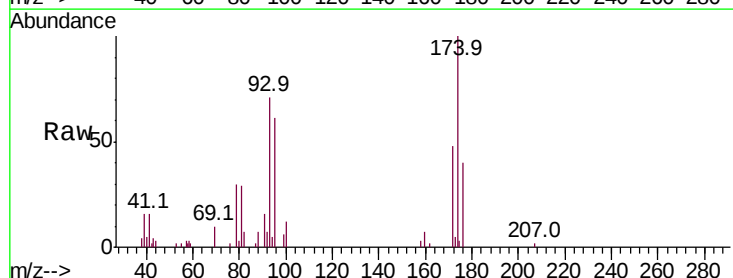
Tgt Ion: 93 Resp: 14778

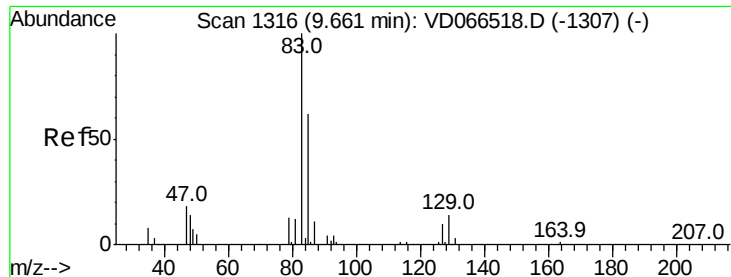
Ion Ratio Lower Upper

93 100

95 86.1 63.9 95.9

174 125.2 94.4 141.6





#47

Bromodichloromethane

Concen: 19.458 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBSD01

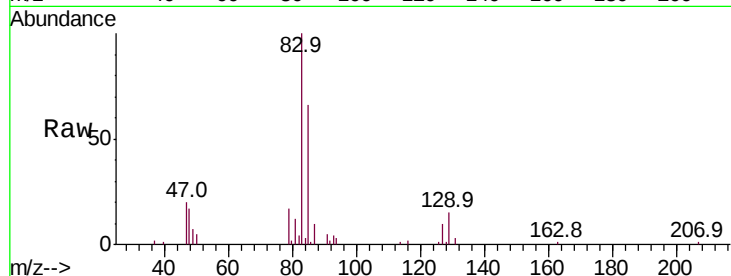
Tot Ion: 83 Resp: 43420

Ion Ratio Lower Upper

83 100

85 65.6 49.6 74.4

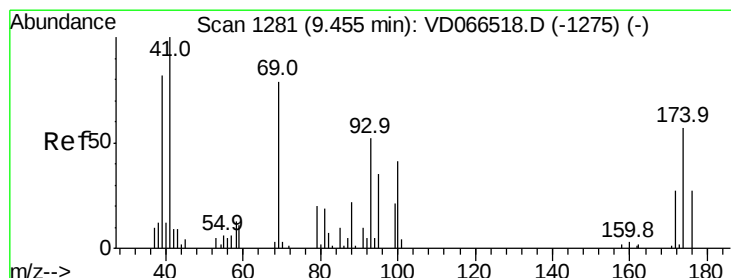
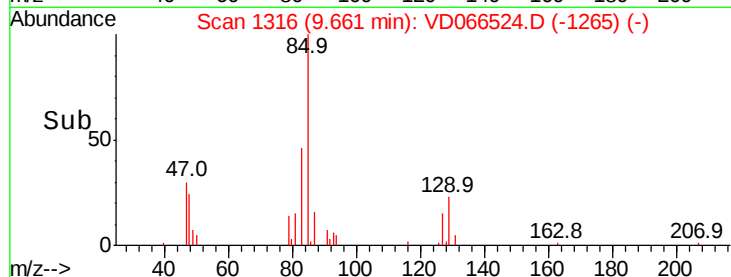
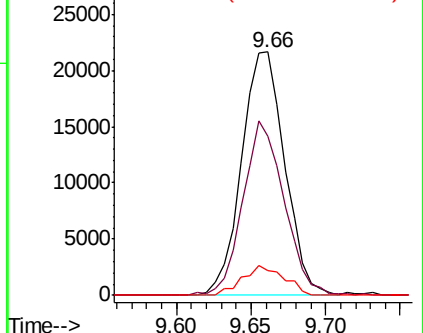
127 10.1 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 20.004 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

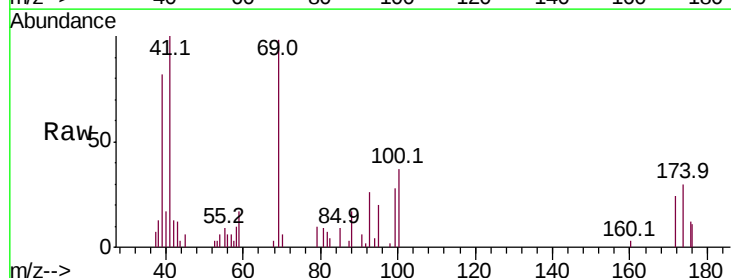
Tgt Ion: 41 Resp: 12844

Ion Ratio Lower Upper

41 100

69 89.8 71.1 106.7

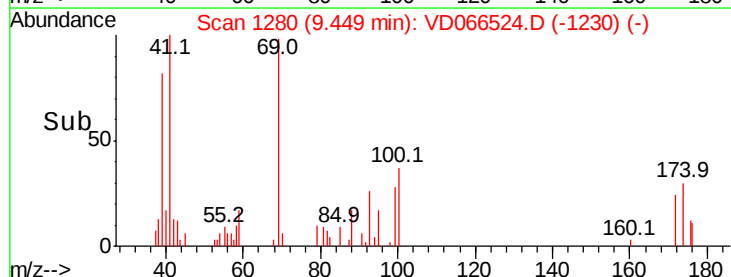
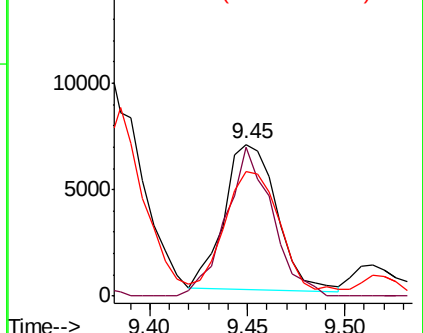
39 82.7 75.4 113.2

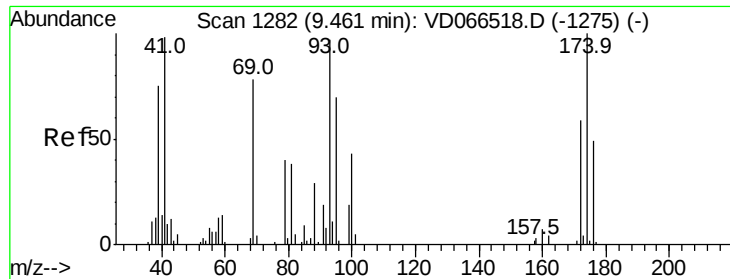


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

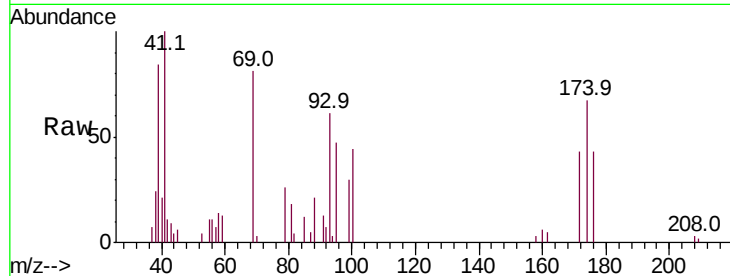




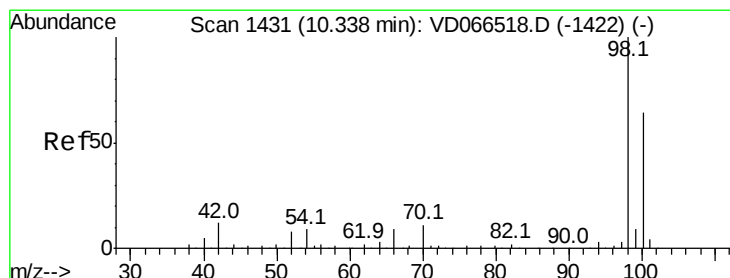
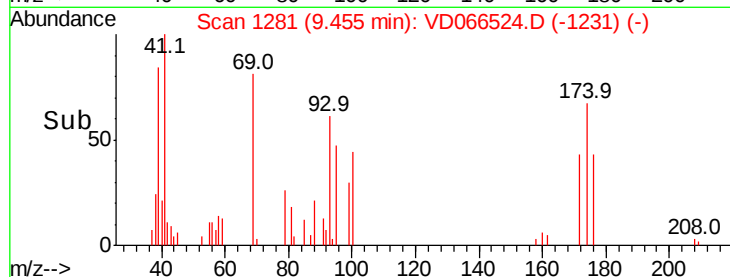
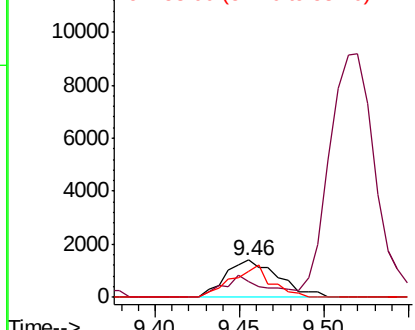
#49
1,4-Dioxane
Concen: 349.347 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBSD01

Tot Ion: 88 Resp: 3036
Ion Ratio Lower Upper
88 100
43 45.7 33.8 50.6
58 64.1 46.2 69.4

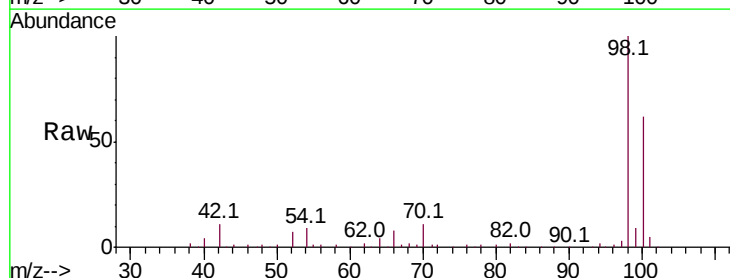


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

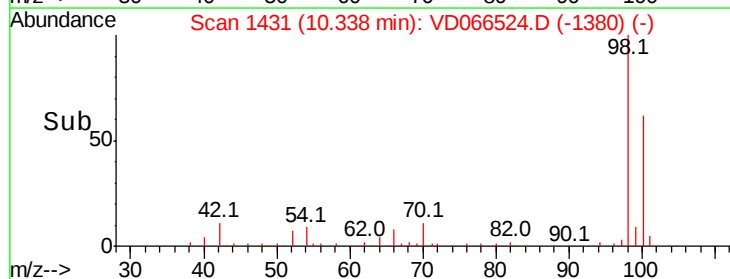
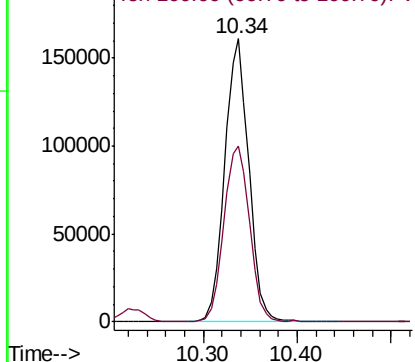


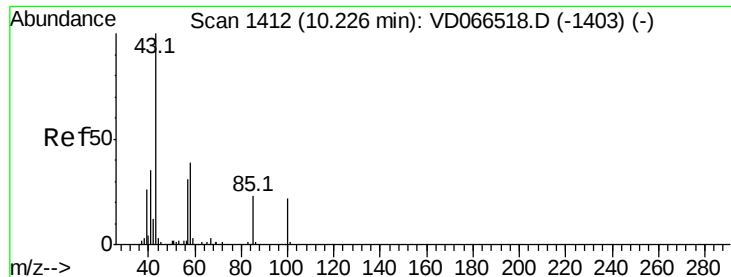
#50
Toluene-d8
Concen: 55.418 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion: 98 Resp: 286067
Ion Ratio Lower Upper
98 100
100 66.5 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: 99.607 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

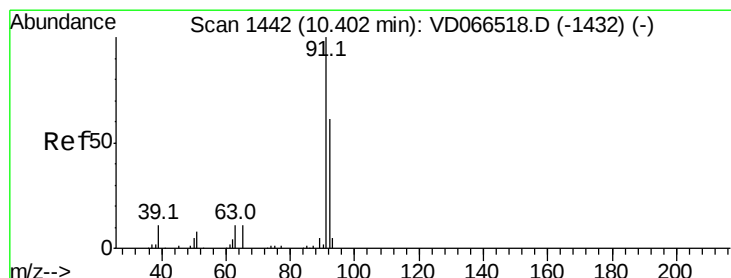
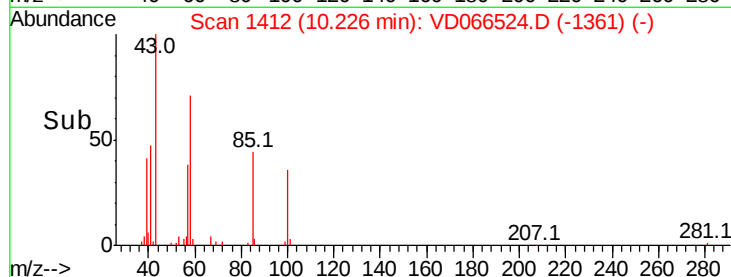
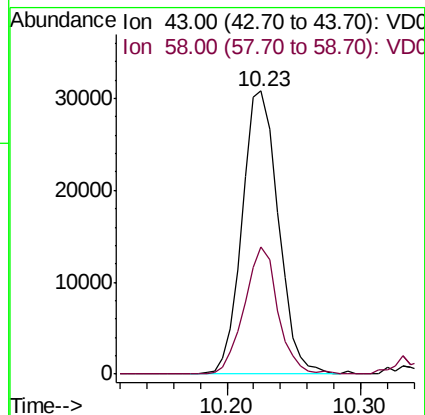
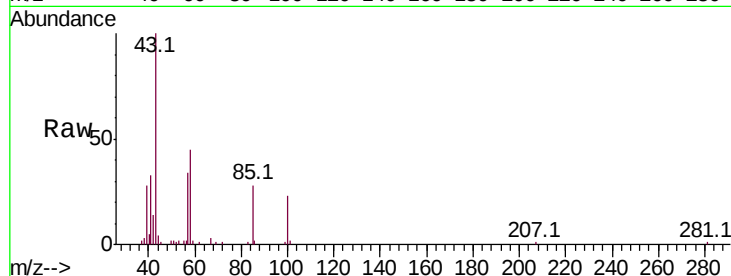
VD0902SBSD01

Tot Ion: 43 Resp: 57705

Ion Ratio Lower Upper

43 100

58 41.6 31.5 47.3



#52

Toluene

Concen: 20.989 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066524.D

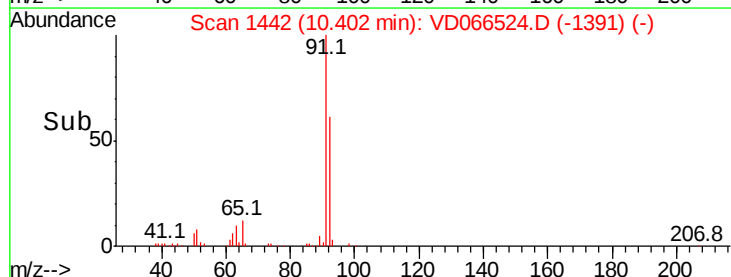
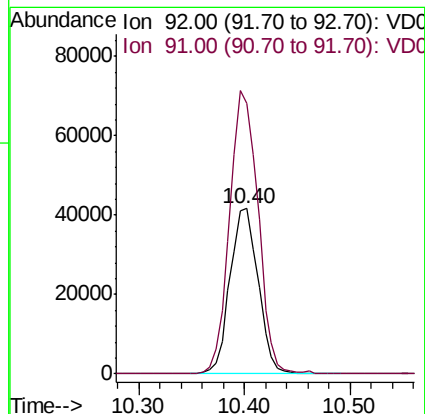
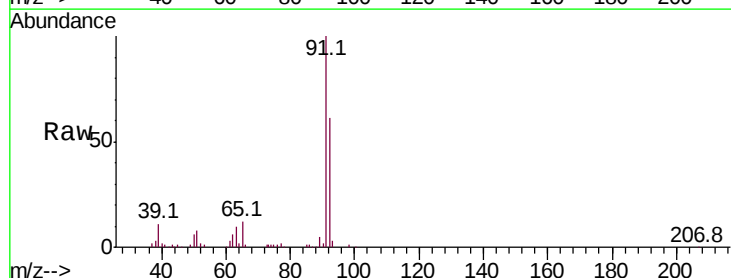
Acq: 02 Sep 2020 15:53

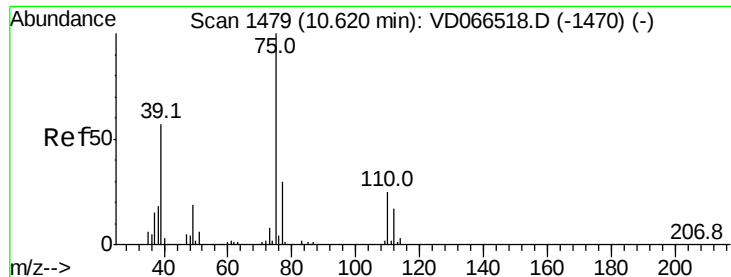
Tgt Ion: 92 Resp: 77165

Ion Ratio Lower Upper

92 100

91 171.8 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 19.772 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

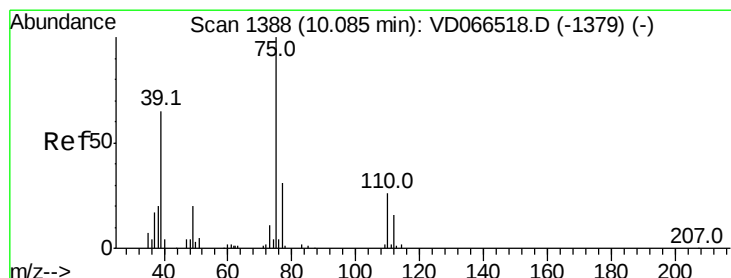
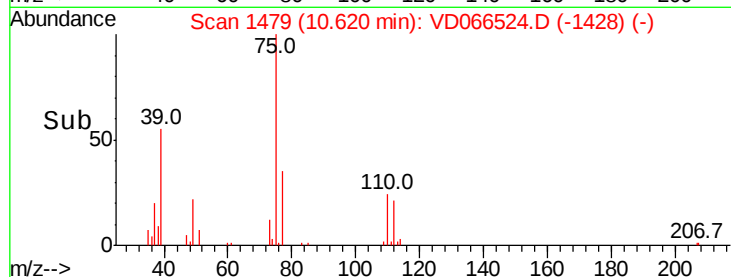
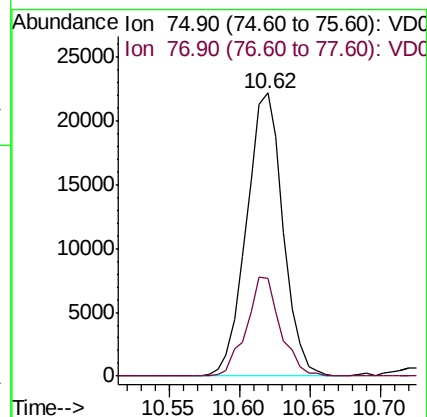
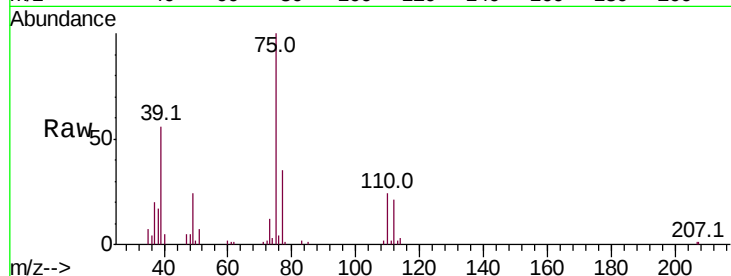
VD0902SBS01

Tot Ion: 75 Resp: 40310

Ion Ratio Lower Upper

75 100

77 34.7 23.7 35.5



#54

cis-1,3-Dichloropropene

Concen: 20.605 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

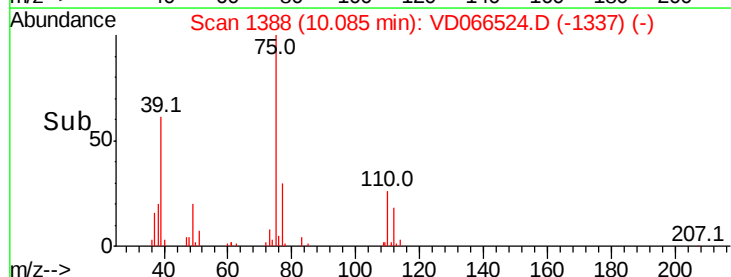
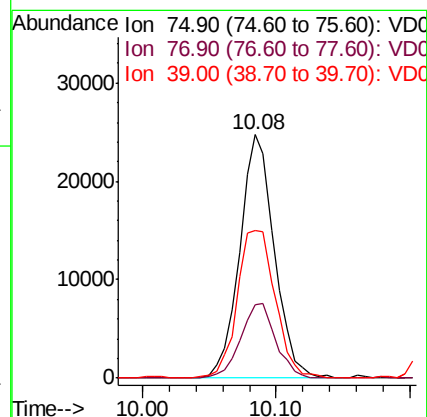
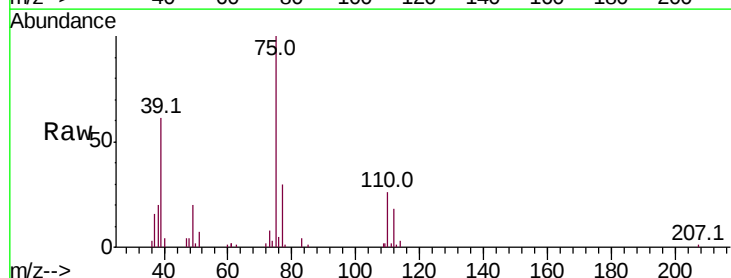
Tgt Ion: 75 Resp: 44256

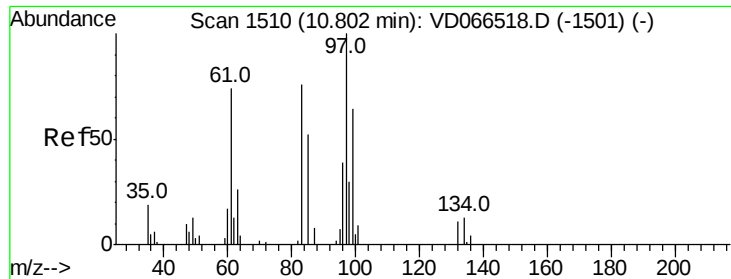
Ion Ratio Lower Upper

75 100

77 29.9 24.5 36.7

39 60.7 52.4 78.6

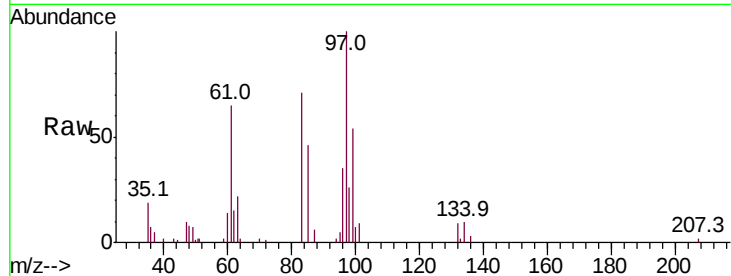




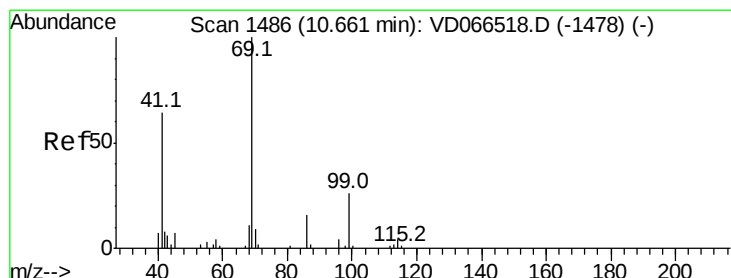
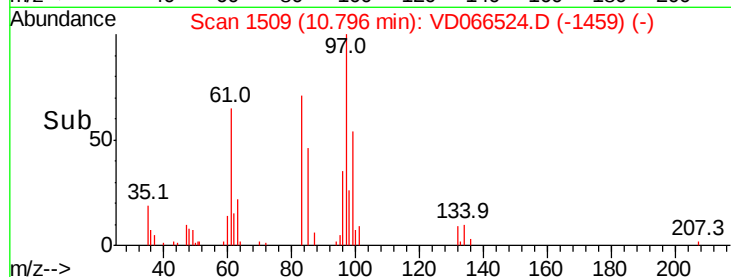
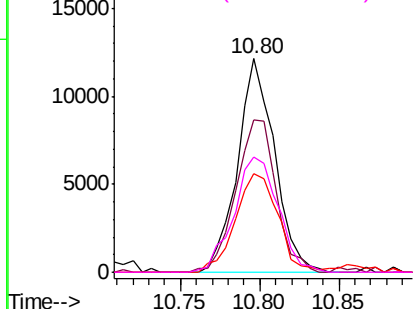
#55
 1,1,2-Trichloroethane
 Concen: 20.830 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066524.D
 Acq: 02 Sep 2020 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBSD01

Tot Ion:	97	Resp:	19761
Ion	Ratio	Lower	Upper
97	100		
83	71.5	61.2	91.8
85	46.1	42.0	63.0
99	54.1	51.2	76.8

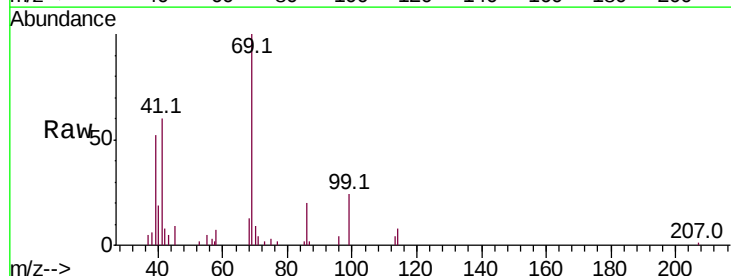


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

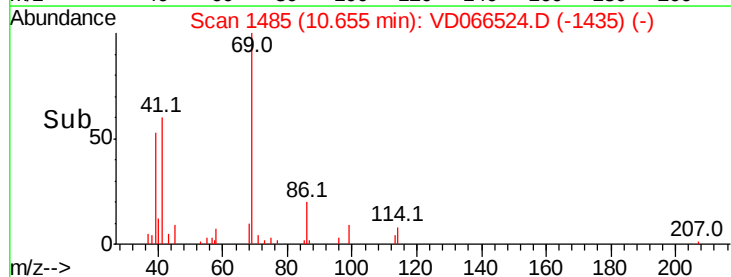
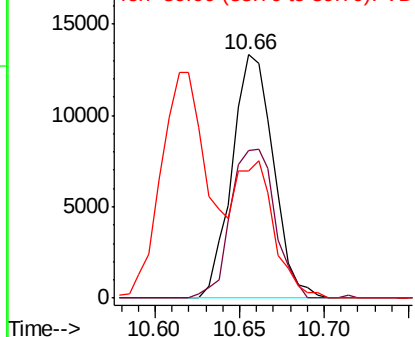


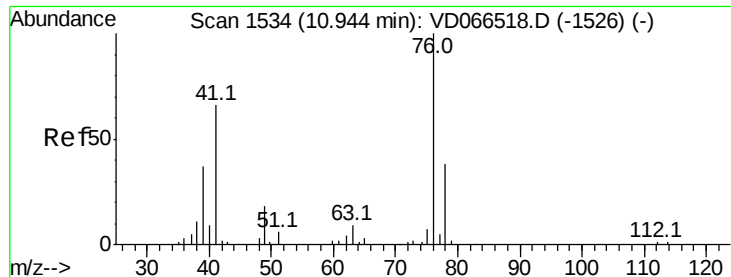
#56
 Ethyl methacrylate
 Concen: 20.348 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066524.D
 Acq: 02 Sep 2020 15:53

Tgt Ion:	69	Resp:	22719
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.5	78.7
39	50.3	42.1	63.1



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: 21.015 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

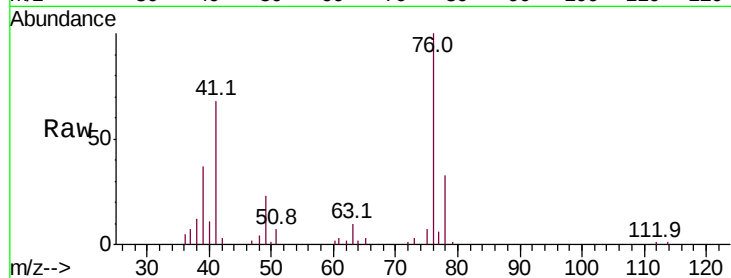
VD0902SBSD01

Tot Ion: 76 Resp: 32924

Ion Ratio Lower Upper

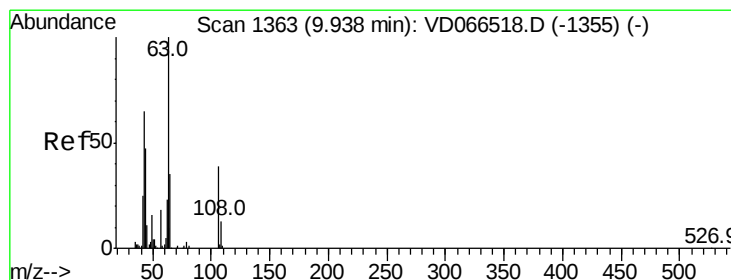
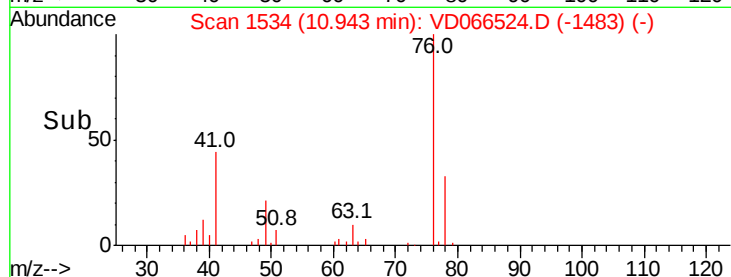
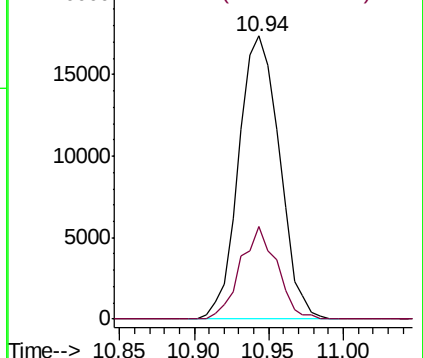
76 100

78 29.2 28.2 42.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 112.906 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066524.D

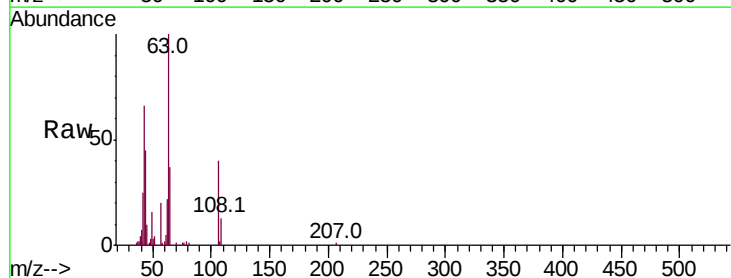
Acq: 02 Sep 2020 15:53

Tgt Ion: 63 Resp: 49208

Ion Ratio Lower Upper

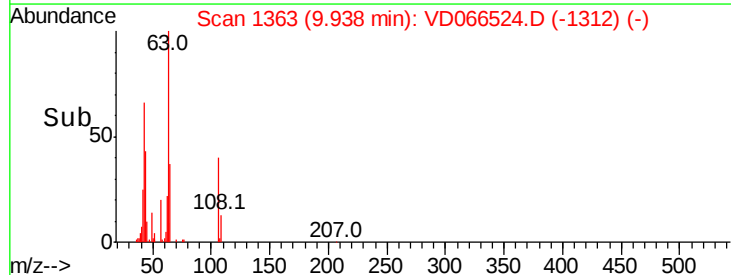
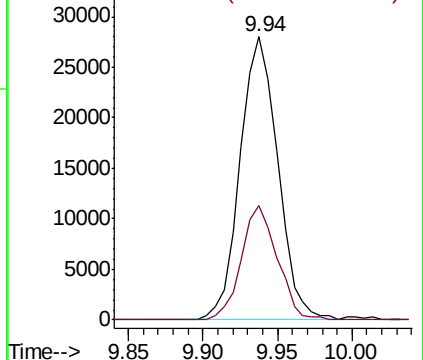
63 100

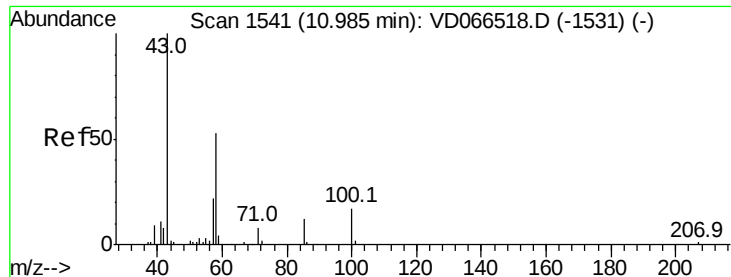
106 38.4 32.1 48.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

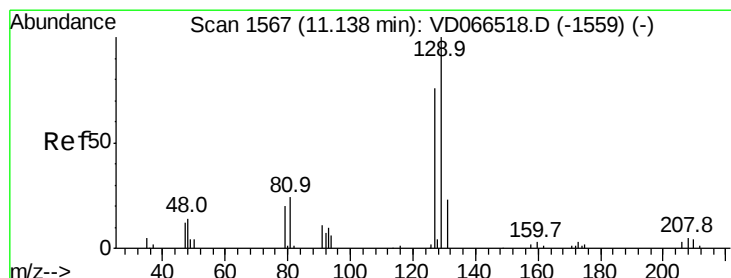
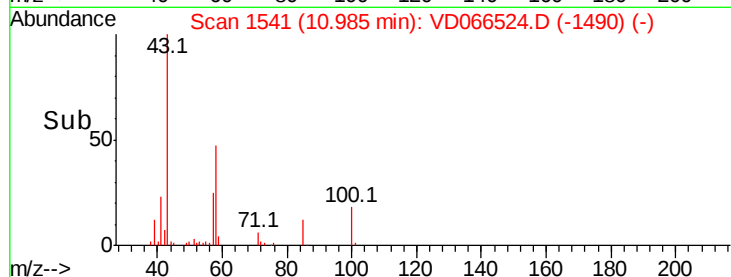
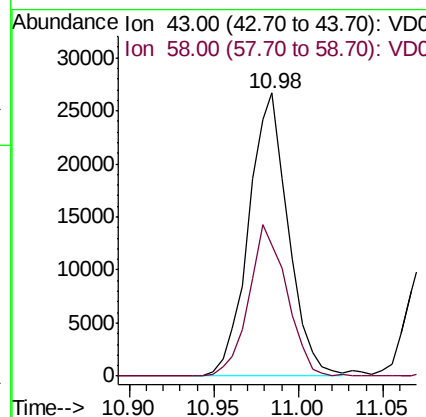
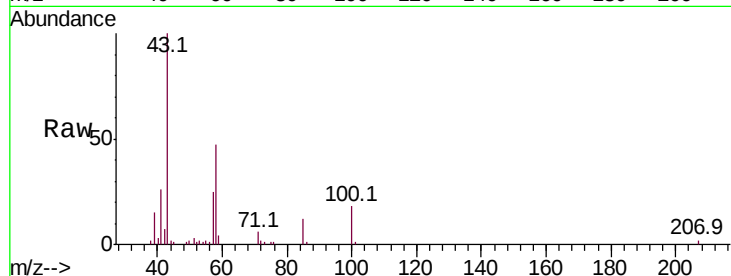




#59
2-Hexanone
Concen: 103.806 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

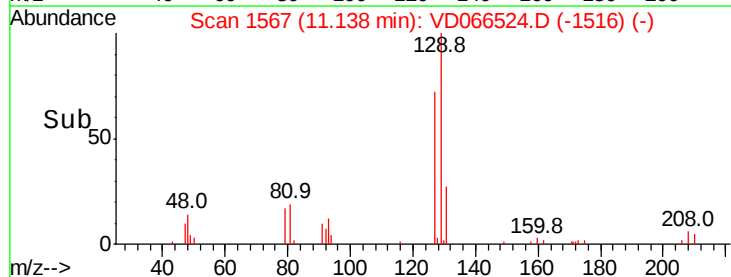
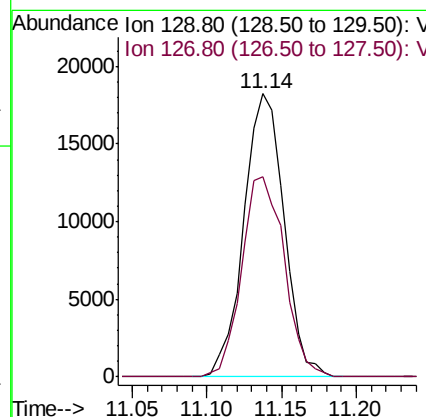
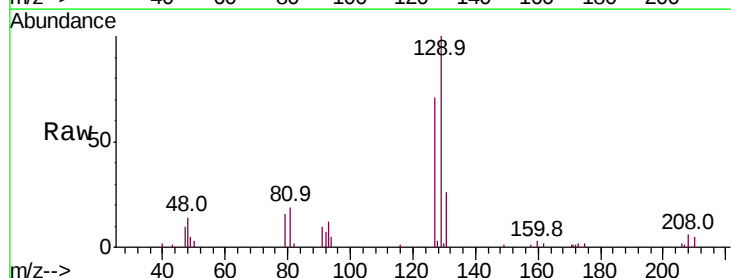
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

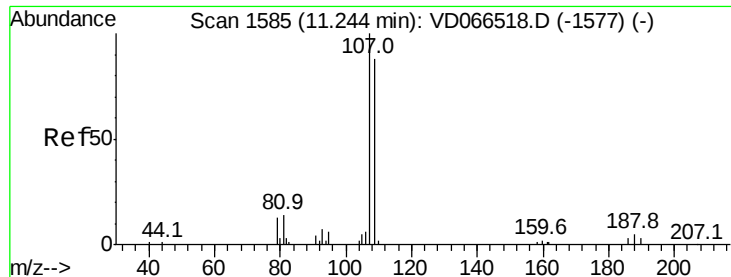
Tot Ion: 43 Resp: 43433
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.0



#60
Dibromochloromethane
Concen: 21.642 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion: 129 Resp: 33951
Ion Ratio Lower Upper
129 100
127 74.9 38.2 114.6

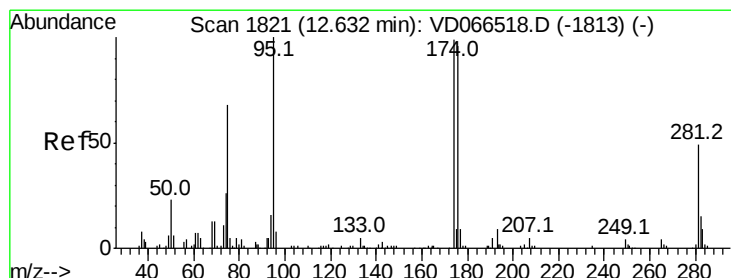
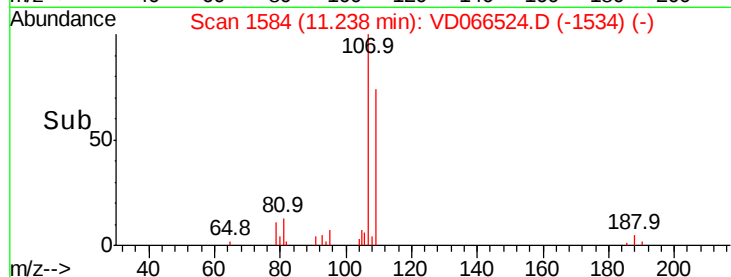
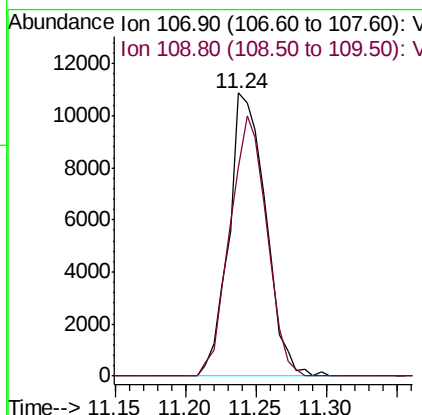
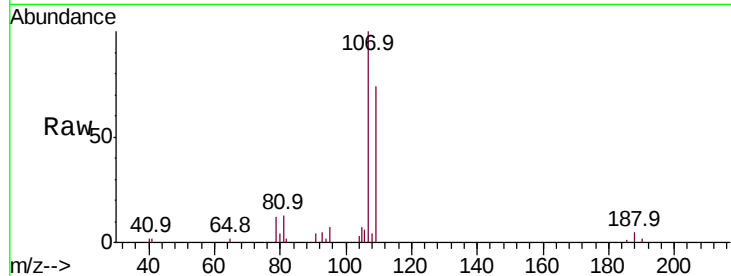




#61
 1,2-Dibromoethane
 Concen: 20.435 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: VD066524.D
 Acq: 02 Sep 2020 15:53

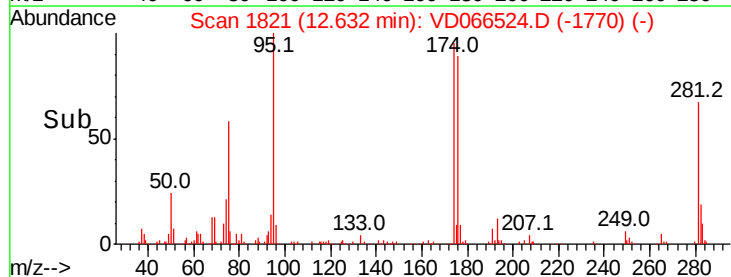
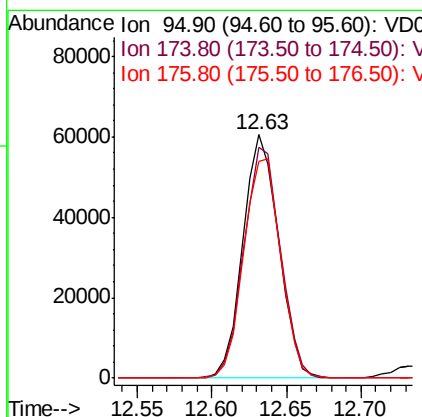
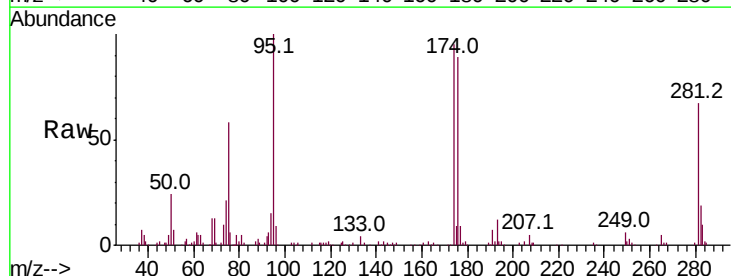
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBSD01

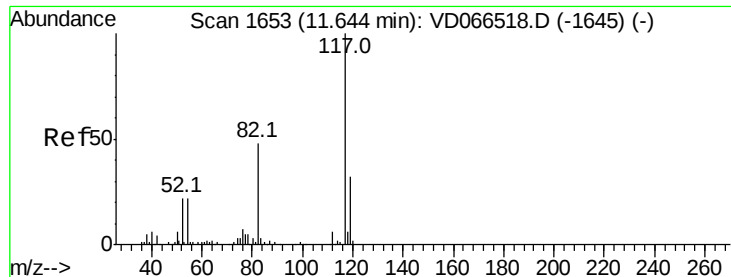
Tot Ion:107 Resp: 19761
 Ion Ratio Lower Upper
 107 100
 109 91.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 54.513 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066524.D
 Acq: 02 Sep 2020 15:53

Tgt Ion: 95 Resp: 100308
 Ion Ratio Lower Upper
 95 100
 174 96.9 0.0 203.2
 176 93.2 0.0 198.6

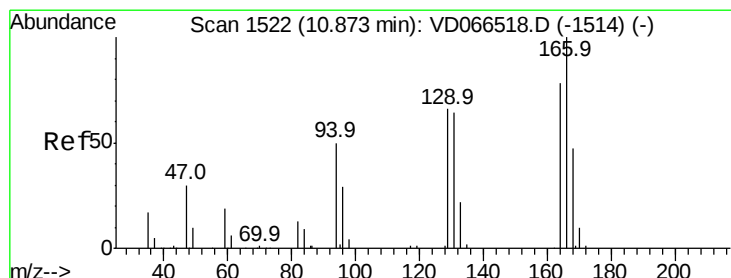
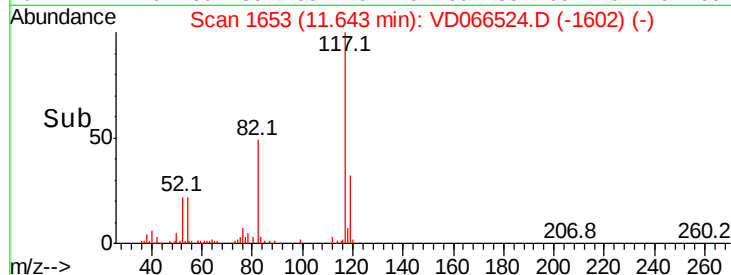
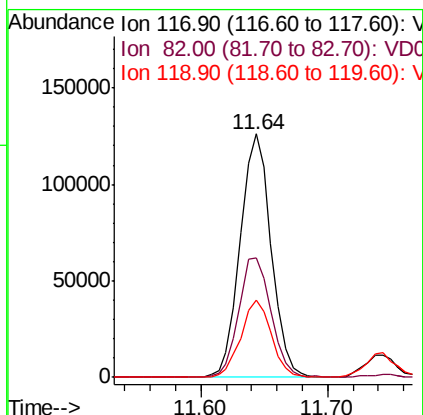
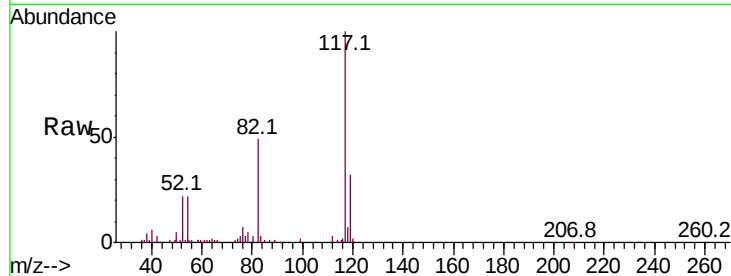




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

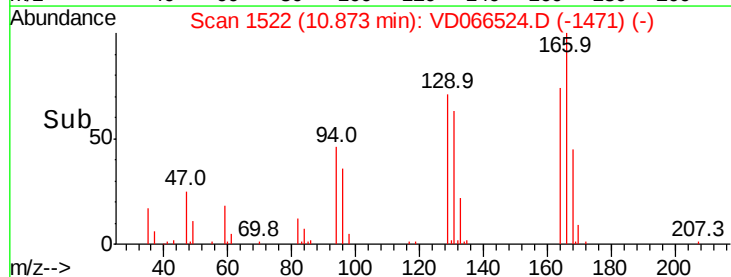
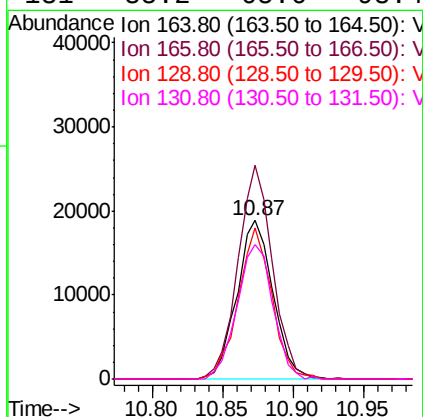
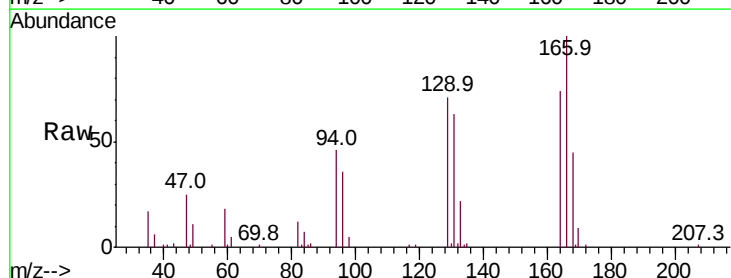
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBSD01

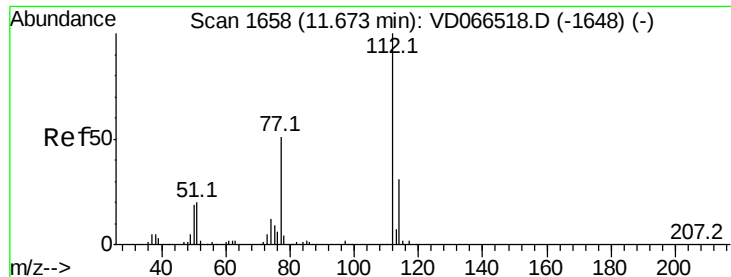
Tot Ion:117 Resp: 213708
Ion Ratio Lower Upper
117 100
82 49.2 38.5 57.7
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 20.260 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion:164 Resp: 33757
Ion Ratio Lower Upper
164 100
166 134.8 103.0 154.6
129 95.6 68.3 102.5
131 85.2 65.6 98.4





#65

Chlorobenzene

Concen: 20.714 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

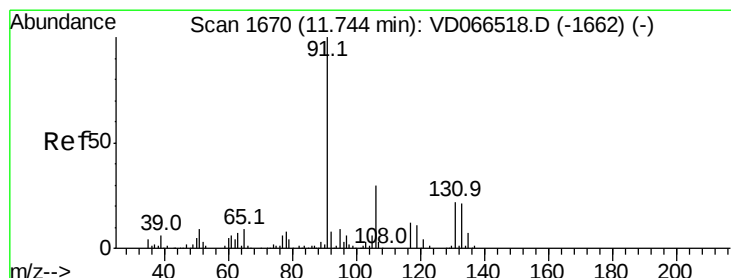
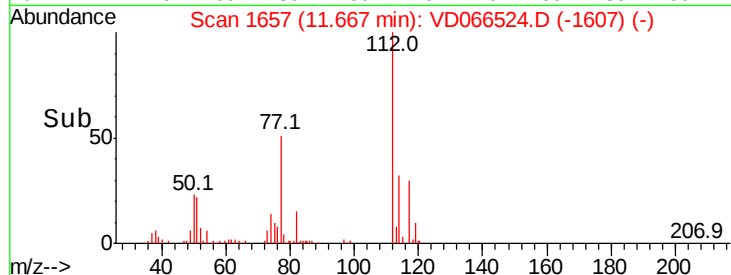
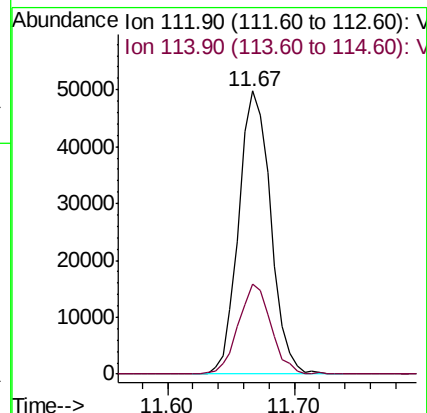
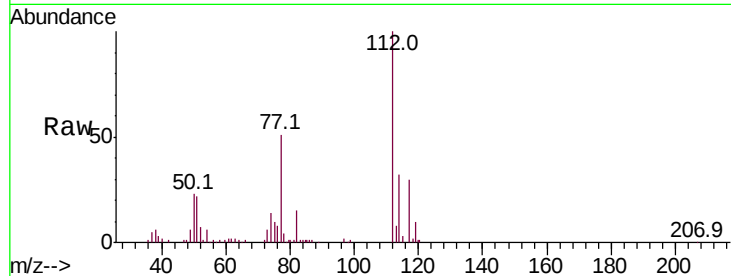
VD0902SBSD01

Tot Ion:112 Resp: 87094

Ion Ratio Lower Upper

112 100

114 31.6 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 20.977 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

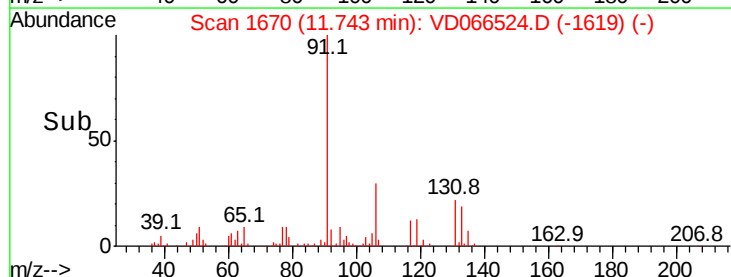
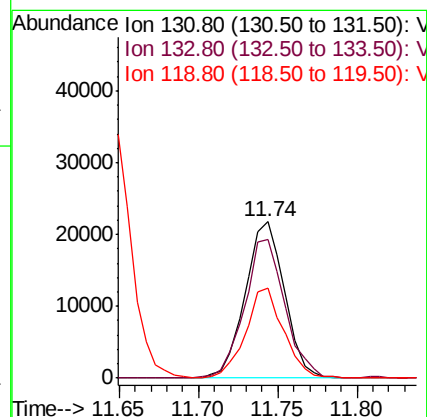
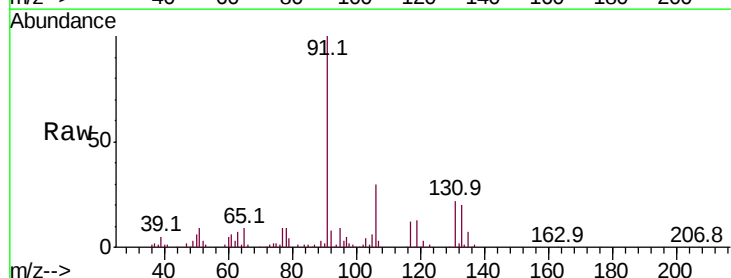
Tgt Ion:131 Resp: 37317

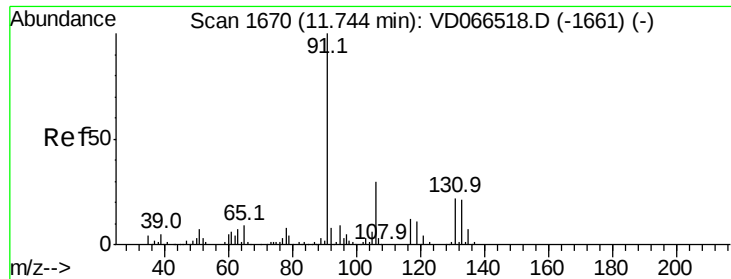
Ion Ratio Lower Upper

131 100

133 91.6 47.5 142.5

119 55.8 27.2 81.6





#67

Ethyl Benzene

Concen: 20.876 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

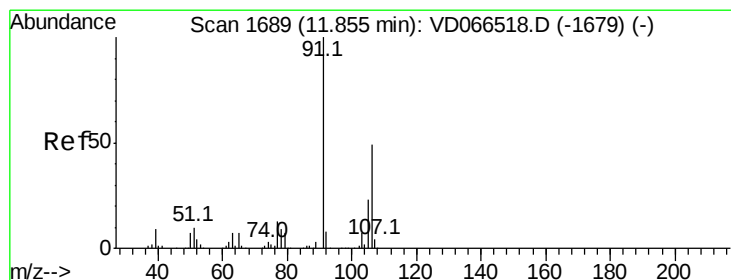
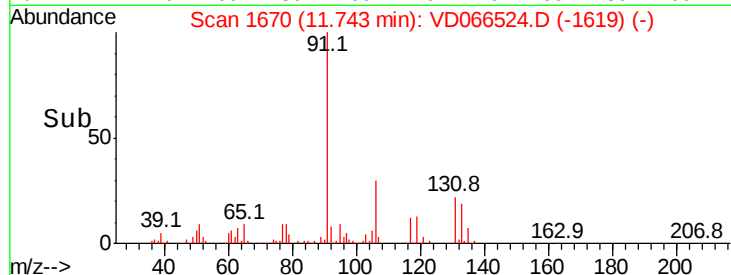
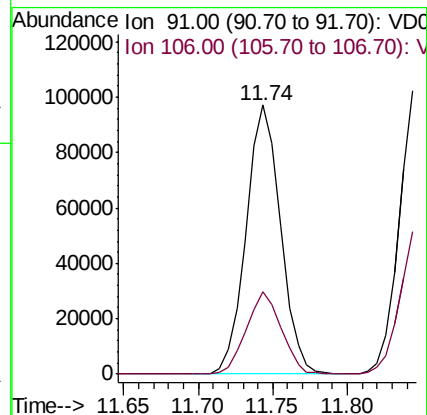
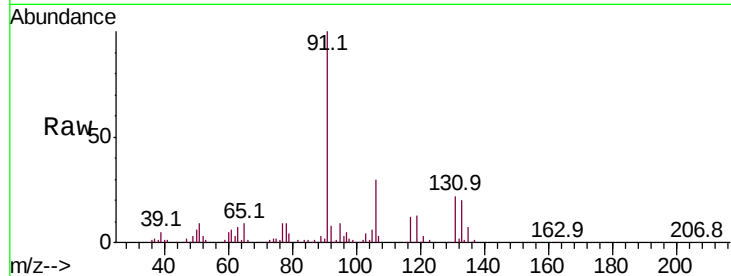
VD0902SBS01

Tot Ion: 91 Resp: 154615

Ion Ratio Lower Upper

91 100

106 30.5 24.0 36.0



#68

m/p-Xylenes

Concen: 42.482 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066524.D

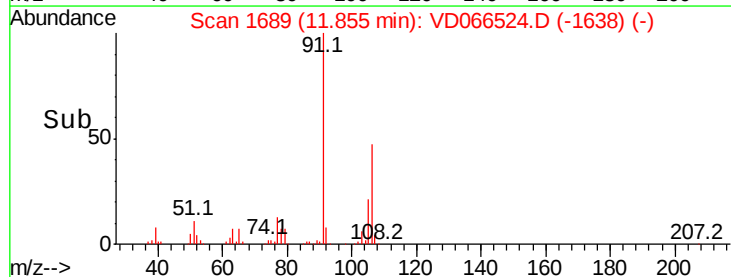
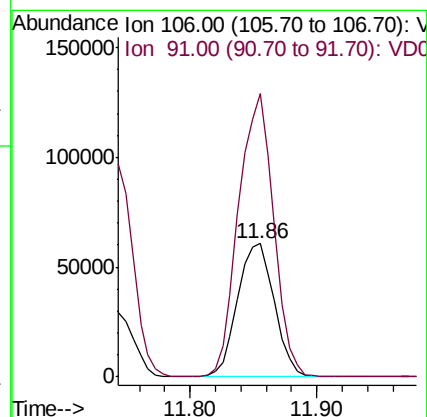
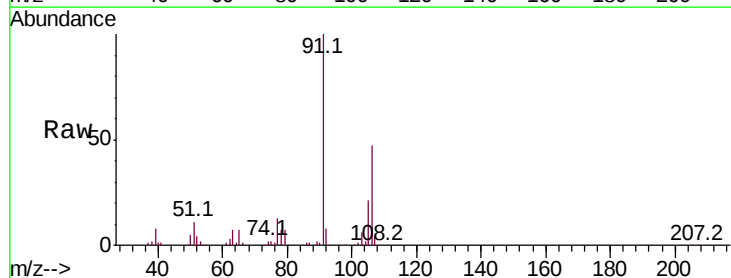
Acq: 02 Sep 2020 15:53

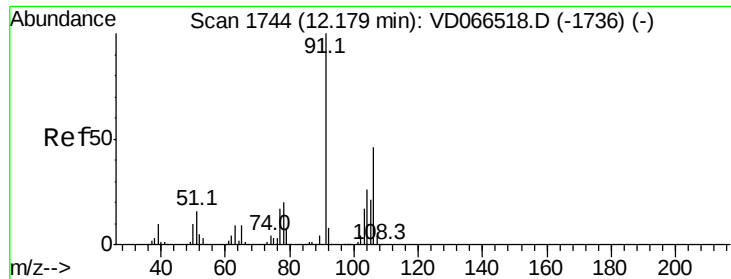
Tgt Ion: 106 Resp: 121737

Ion Ratio Lower Upper

106 100

91 203.6 163.3 244.9

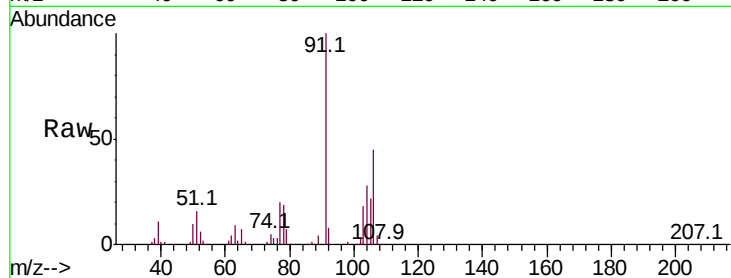




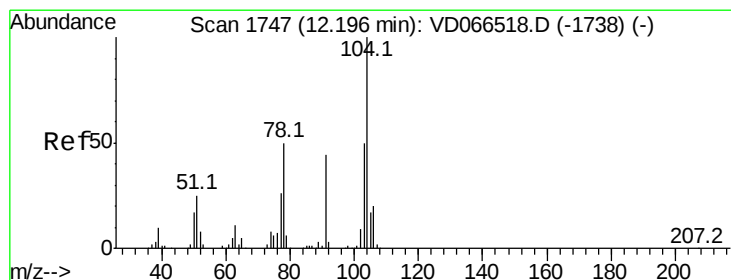
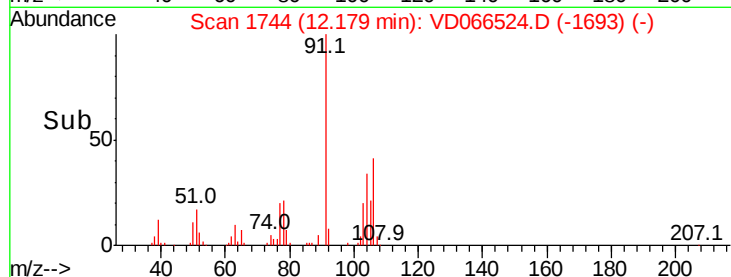
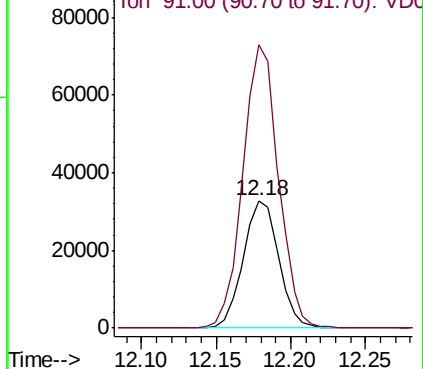
#69
o-Xylene
Concen: 19.946 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBSD01

Tot Ion:106 Resp: 54143
Ion Ratio Lower Upper
106 100
91 221.9 108.7 326.3

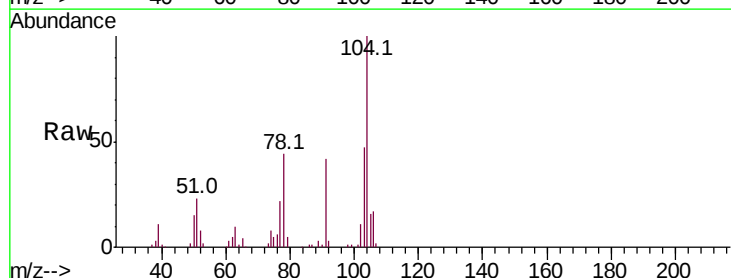


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

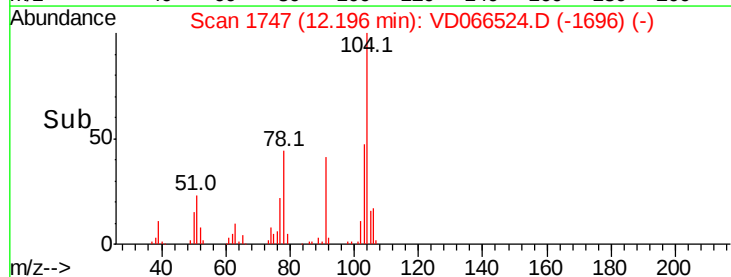
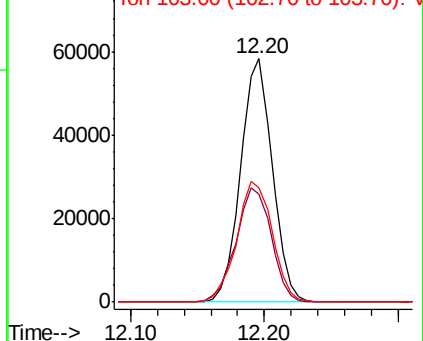


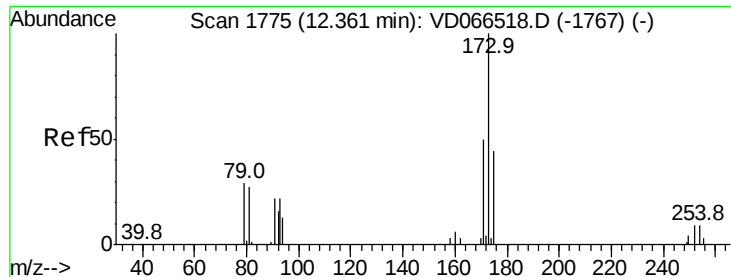
#70
Styrene
Concen: 20.644 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion:104 Resp: 95939
Ion Ratio Lower Upper
104 100
78 52.3 44.3 66.5
103 55.7 44.1 66.1



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





#71

Bromoform

Concen: 20.356 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBSD01

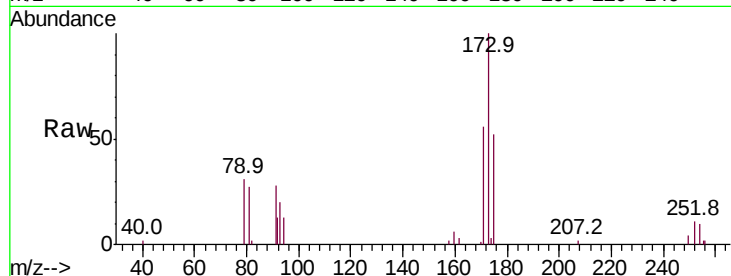
Tot Ion:173 Resp: 19862

Ion Ratio Lower Upper

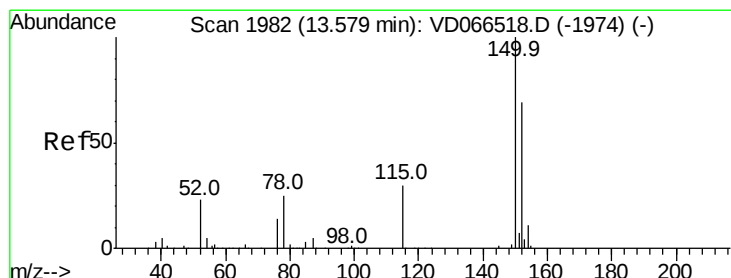
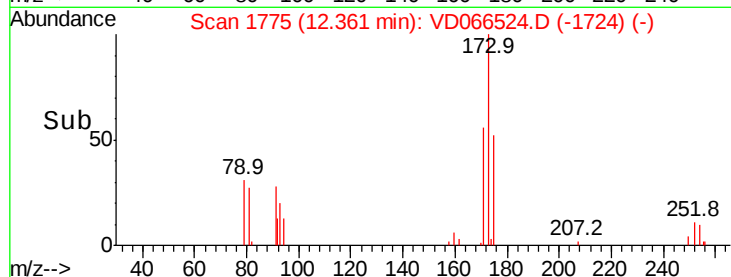
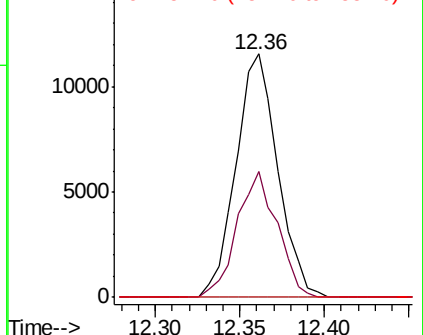
173 100

175 49.6 22.3 66.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

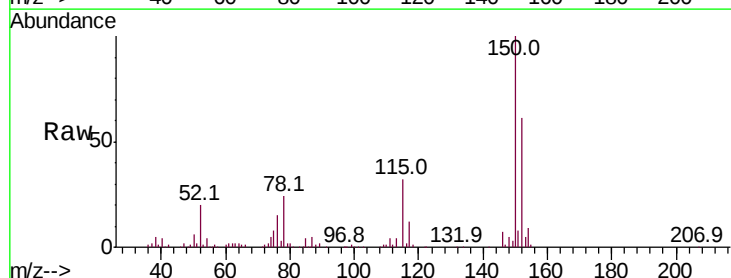
Tgt Ion:152 Resp: 111739

Ion Ratio Lower Upper

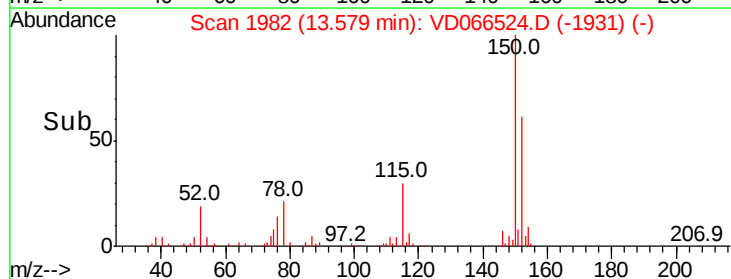
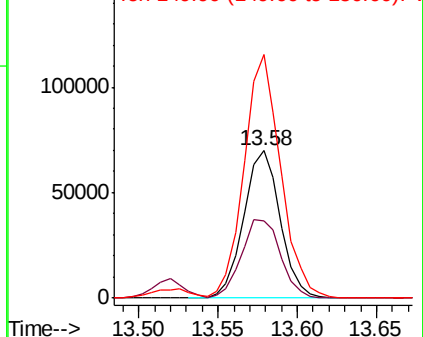
152 100

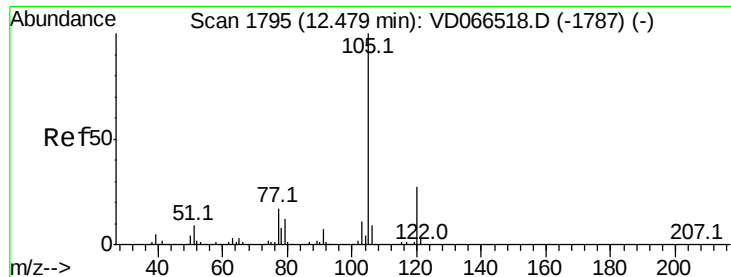
115 57.1 28.9 86.8

150 166.0 0.0 339.6



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: 21.180 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

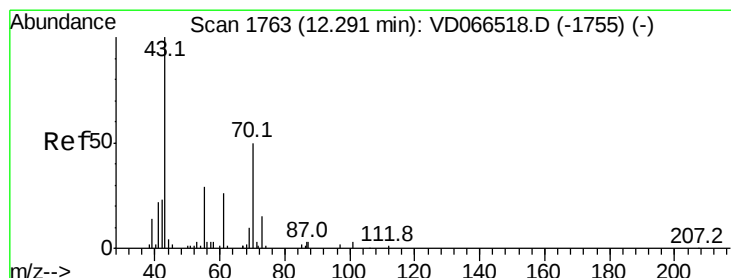
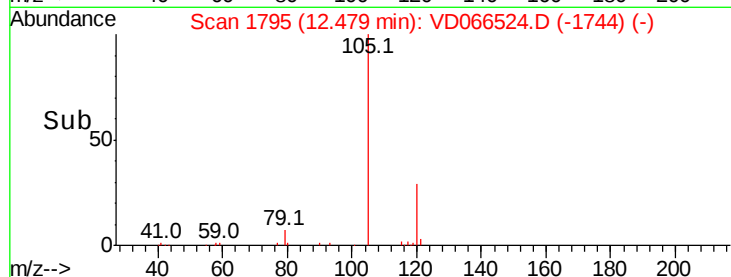
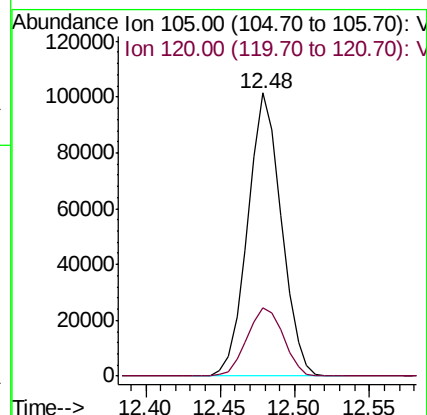
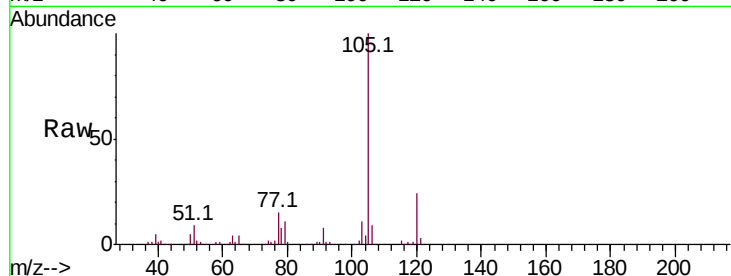
VD0902SBS01

Tot Ion:105 Resp: 158140

Ion Ratio Lower Upper

105 100

120 26.0 13.5 40.5



#74

N-ethyl acetate

Concen: 19.714 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Tgt Ion: 43 Resp: 22195

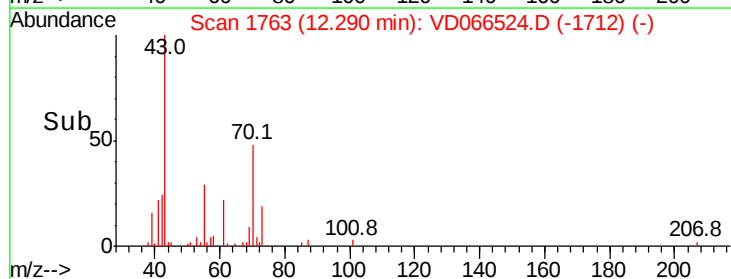
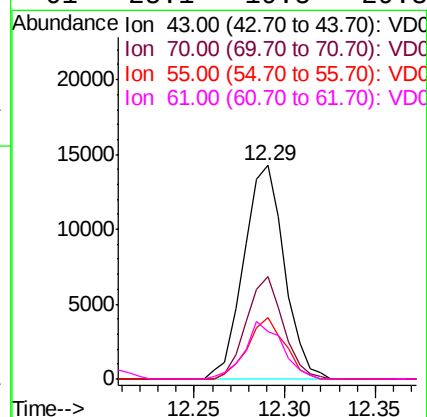
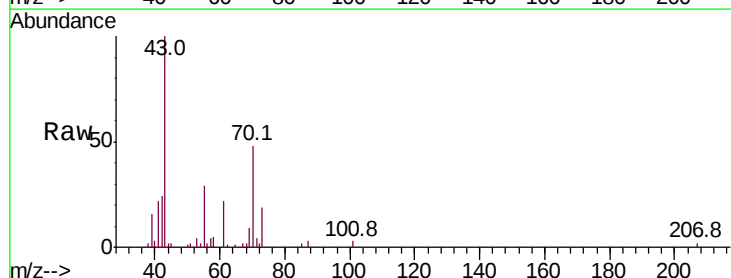
Ion Ratio Lower Upper

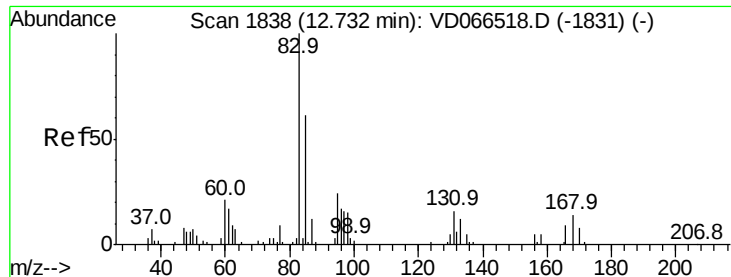
43 100

70 43.6 36.2 54.2

55 26.3 20.6 30.8

61 25.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.071 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBSD01

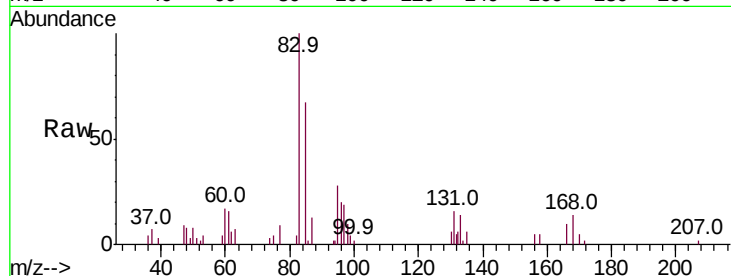
Tot Ion: 83 Resp: 17708

Ion Ratio Lower Upper

83 100

131 16.8 8.3 24.9

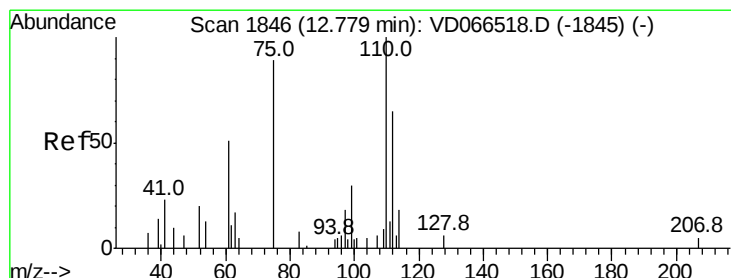
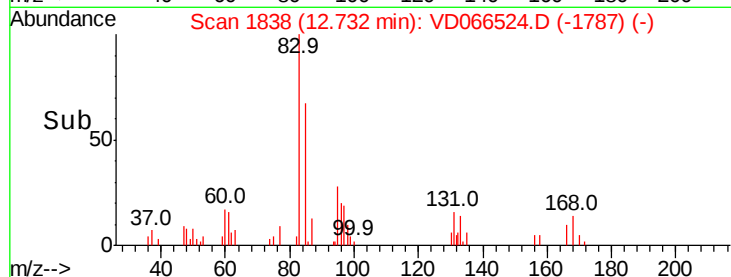
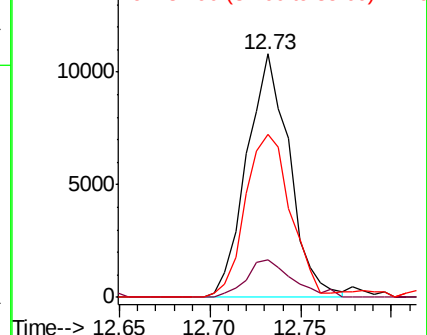
85 71.2 32.6 97.7



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: 19.728 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.02 min

Lab File: VD066524.D

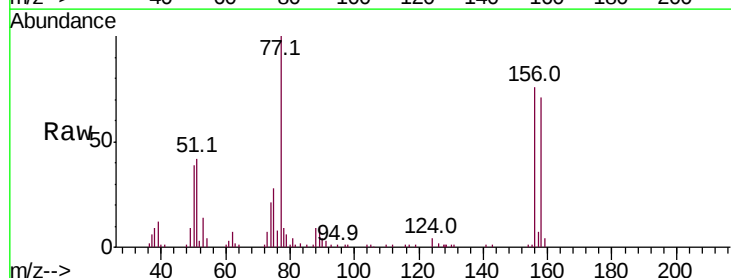
Acq: 02 Sep 2020 15:53

Tgt Ion: 75 Resp: 13867

Ion Ratio Lower Upper

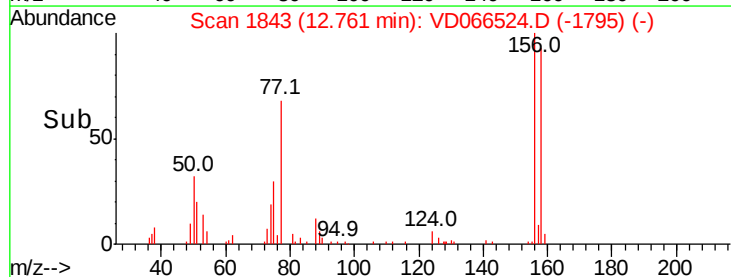
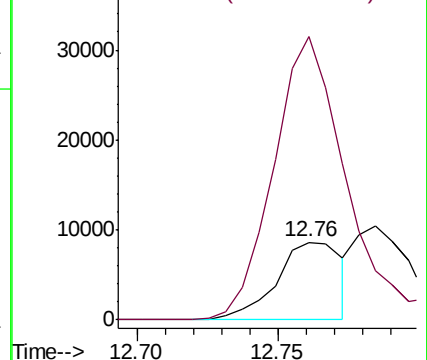
75 100

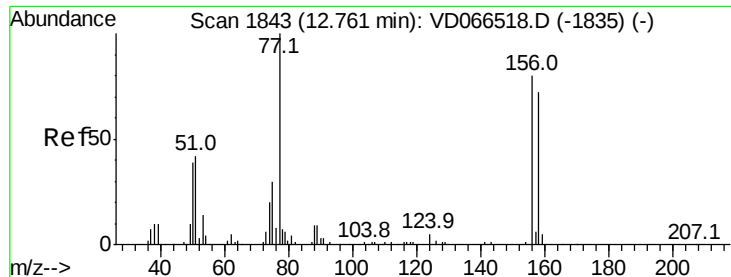
77 403.8 196.9 590.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.187 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBSD01

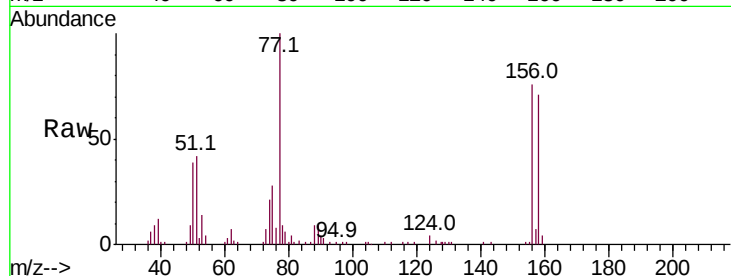
Tot Ion:156 Resp: 40143

Ion Ratio Lower Upper

156 100

77 139.5 71.0 213.2

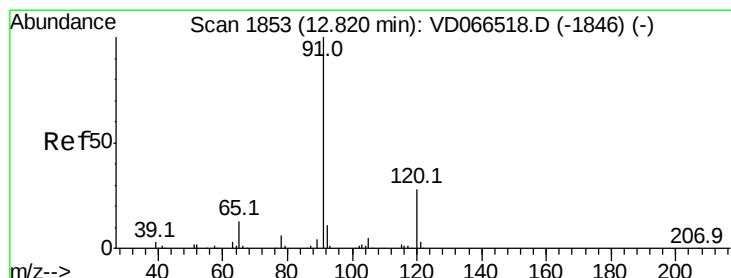
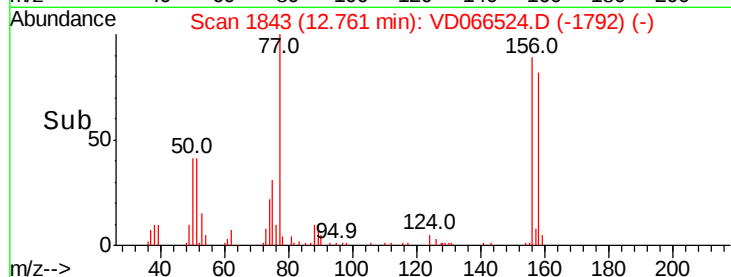
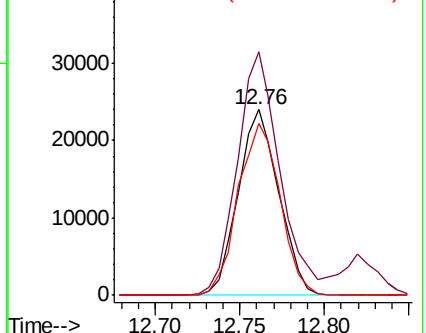
158 95.8 49.5 148.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): V

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 21.754 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066524.D

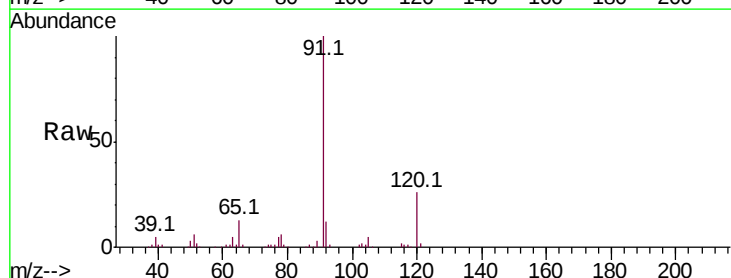
Acq: 02 Sep 2020 15:53

Tgt Ion: 91 Resp: 176997

Ion Ratio Lower Upper

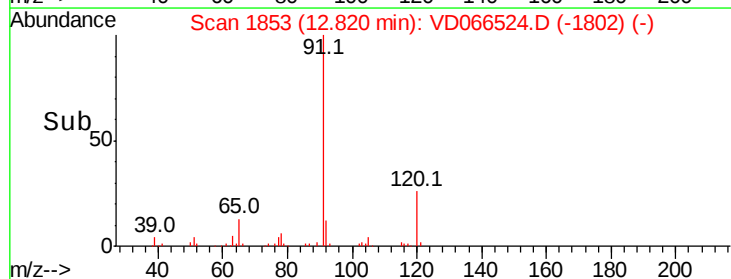
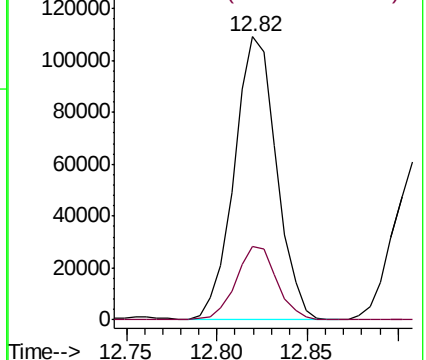
91 100

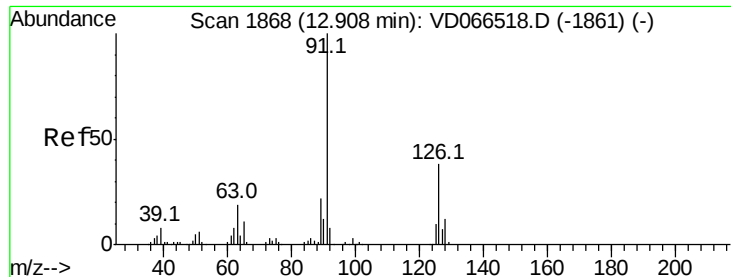
120 24.9 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.30): V

Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 20.920 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

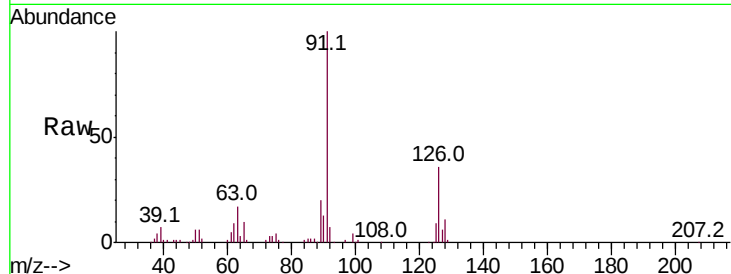
VD0902SBSD01

Tot Ion: 91 Resp: 98481

Ion Ratio Lower Upper

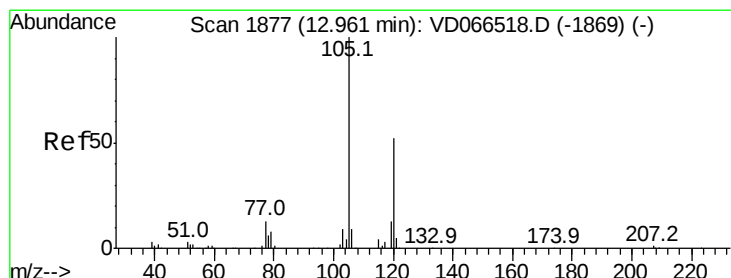
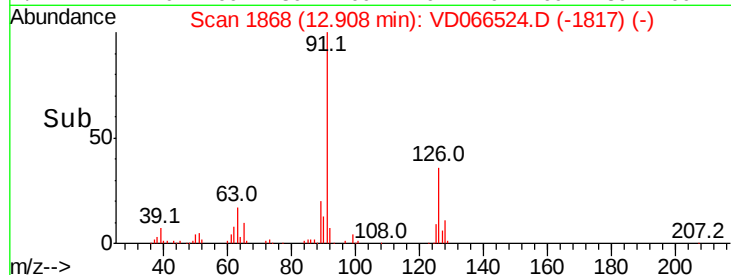
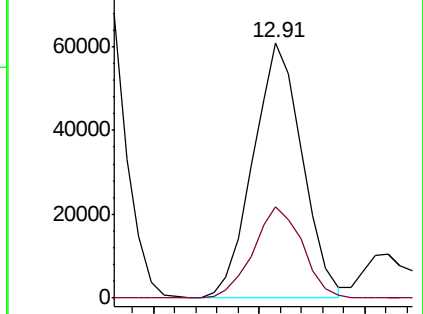
91 100

126 35.6 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VD066518.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066518.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.209 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066524.D

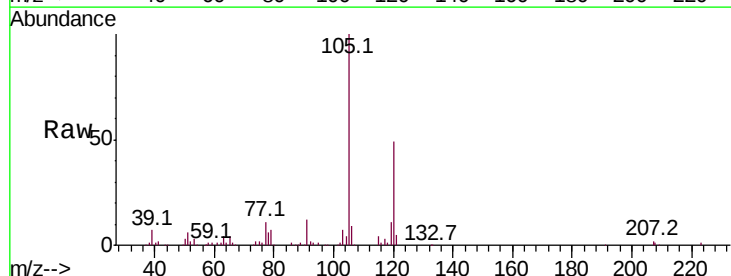
Acq: 02 Sep 2020 15:53

Tgt Ion:105 Resp: 137677

Ion Ratio Lower Upper

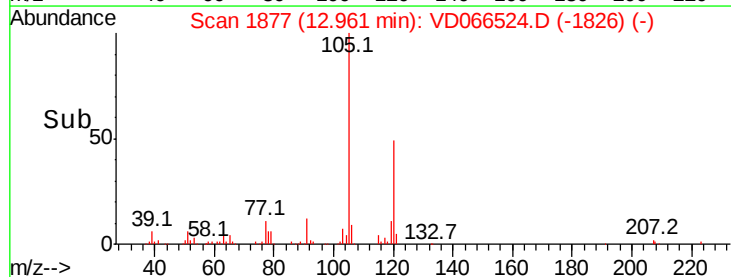
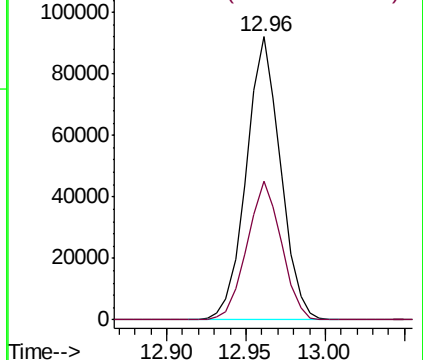
105 100

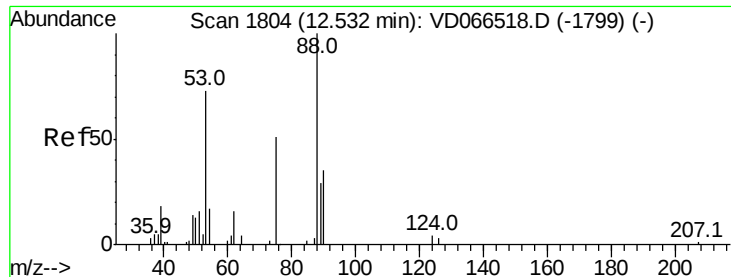
120 49.5 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VD066518.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD066518.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.392 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBSD01

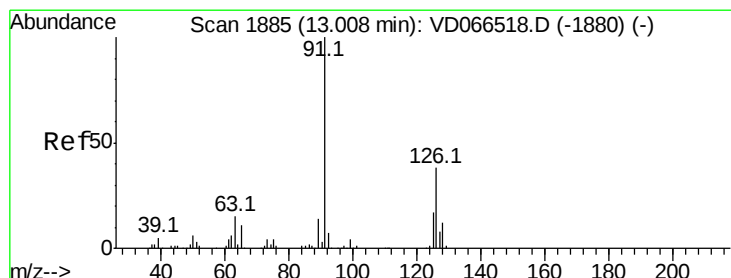
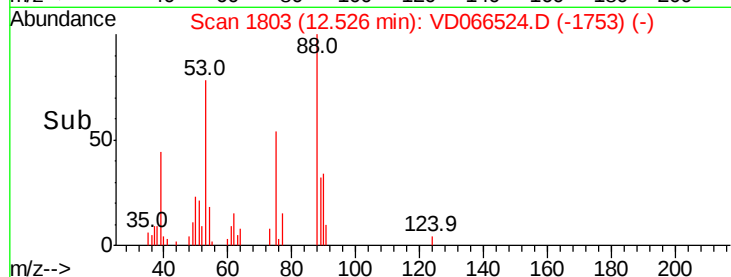
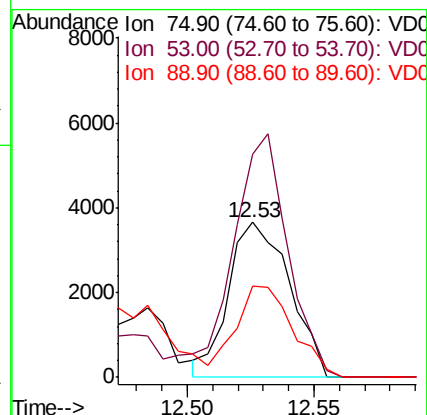
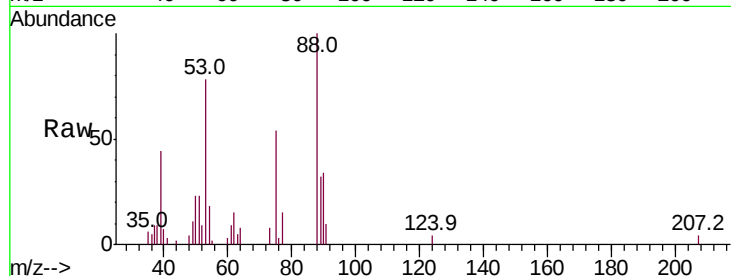
Tot Ion: 75 Resp: 6121

Ion	Ratio	Lower	Upper
75	100		
53	141.4	101.8	152.8
89	55.5	46.0	69.0

75 100

53 141.4 101.8 152.8

89 55.5 46.0 69.0



#82

4-Chlorotoluene

Concen: 21.000 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066524.D

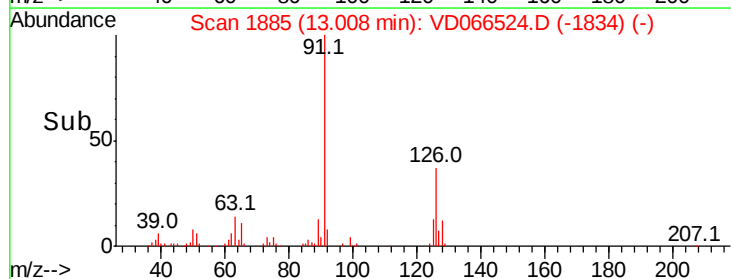
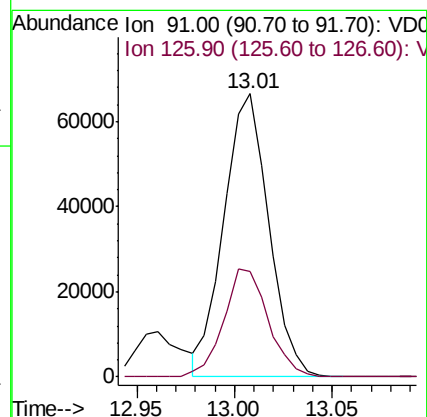
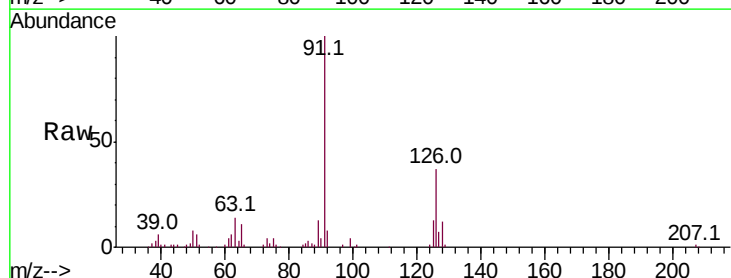
Acq: 02 Sep 2020 15:53

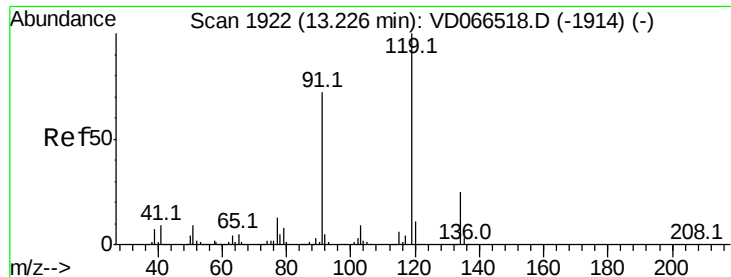
Tgt Ion: 91 Resp: 106185

Ion	Ratio	Lower	Upper
91	100		
126	37.8	18.2	54.6

91 100

126 37.8 18.2 54.6

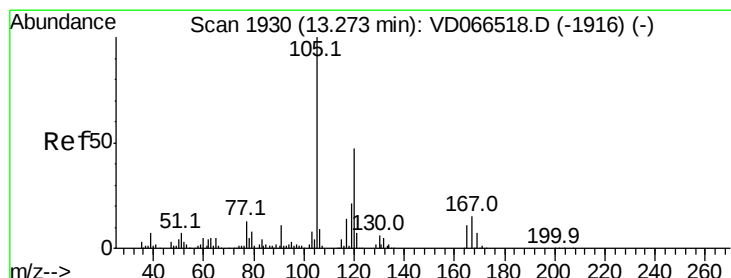
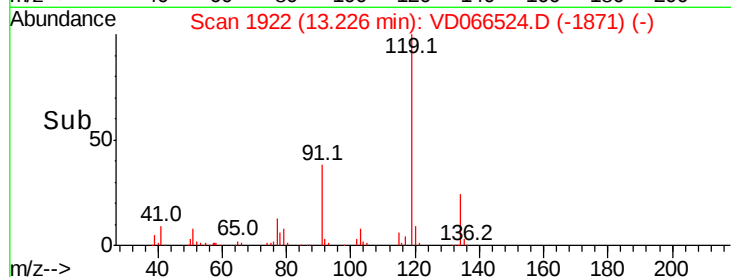
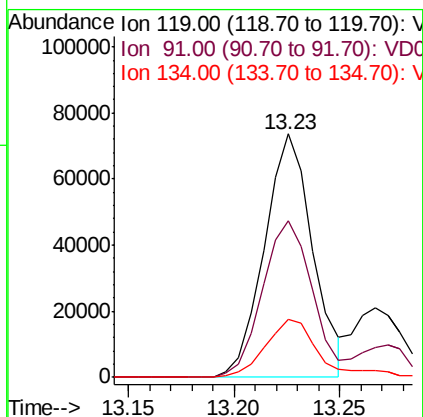
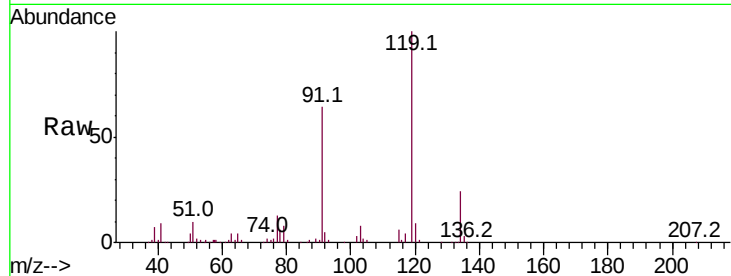




#83
tert-Butylbenzene
Concen: 20.582 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

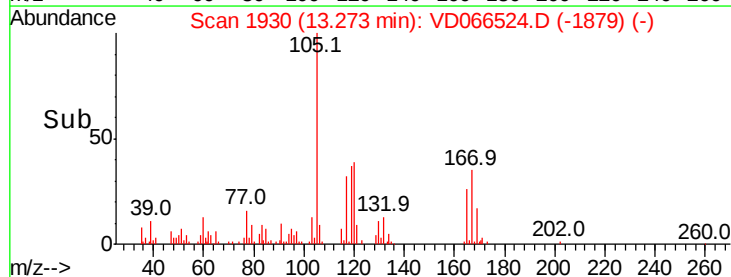
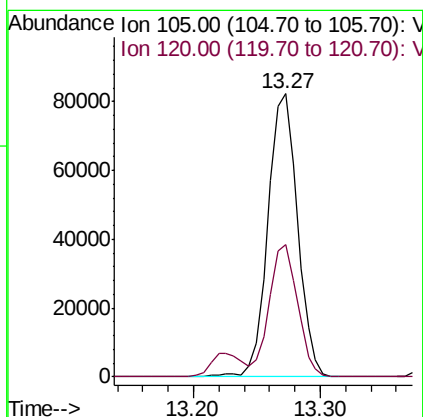
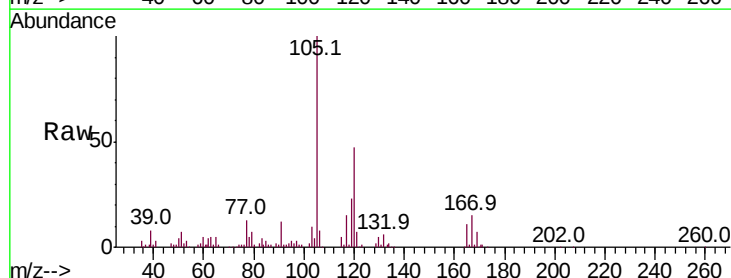
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

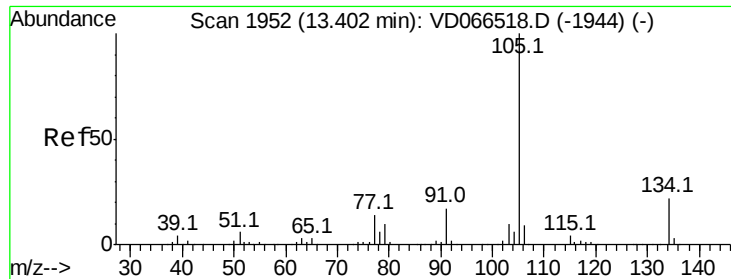
Tot Ion:119 Resp: 117185
Ion Ratio Lower Upper
119 100
91 67.6 34.4 103.2
134 26.7 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 20.470 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion:105 Resp: 132899
Ion Ratio Lower Upper
105 100
120 44.8 21.7 65.1





#85

sec-Butylbenzene

Concen: 20.666 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

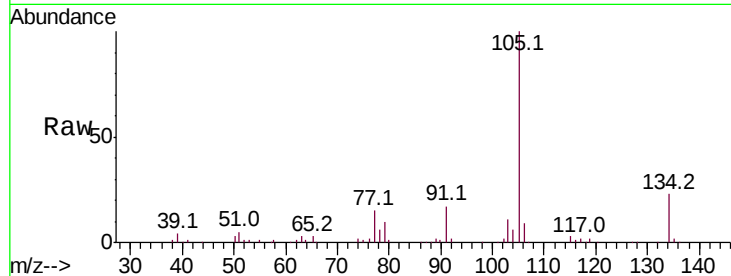
VD0902SBS01

Tot Ion:105 Resp: 149066

Ion Ratio Lower Upper

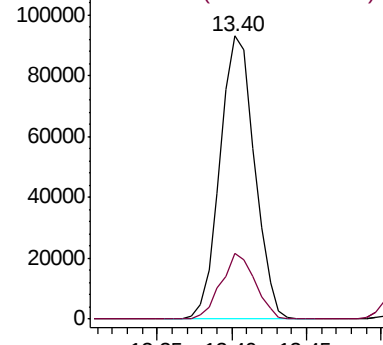
105 100

134 22.9 11.5 34.4

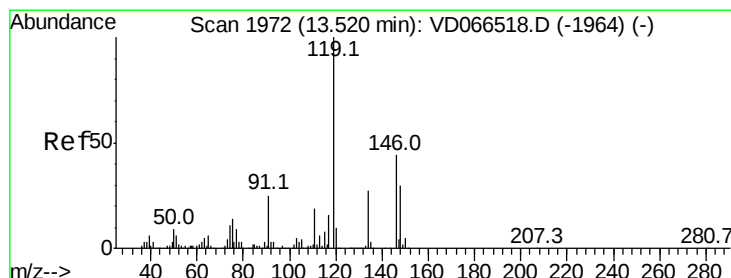
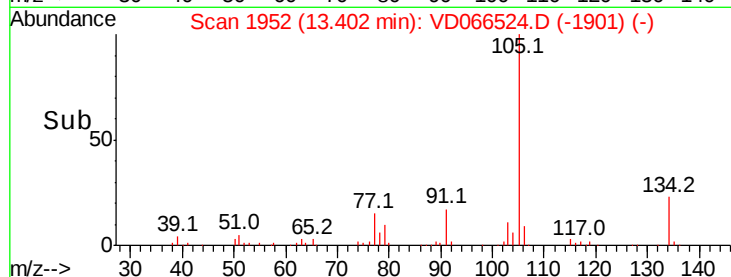


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 21.180 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

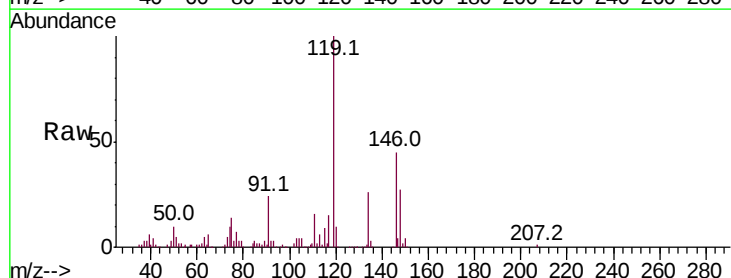
Tgt Ion:119 Resp: 152694

Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.4

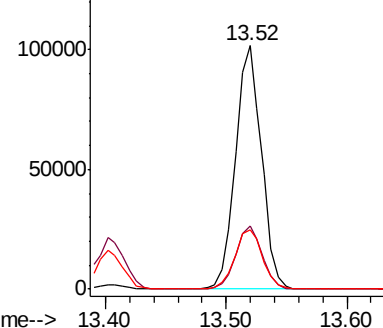
91 26.1 13.0 39.0



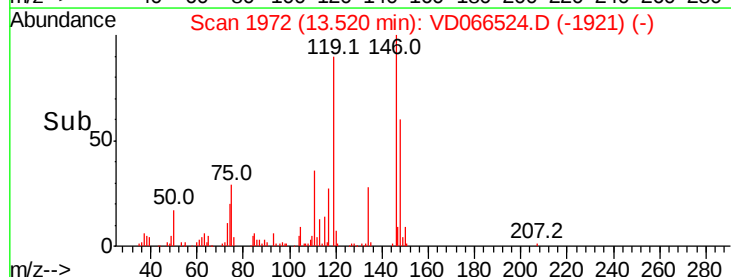
Abundance Ion 119.00 (118.70 to 119.70): V

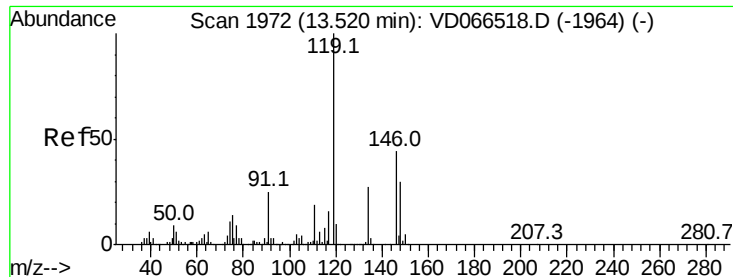
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 21.670 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBSD01

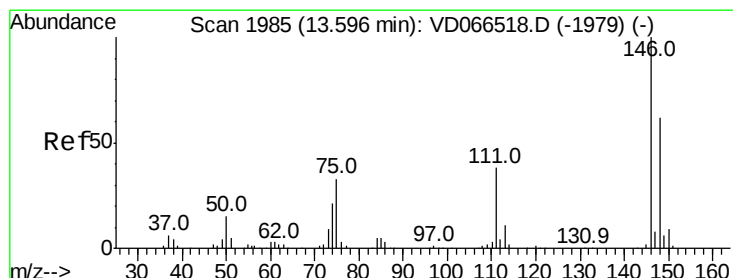
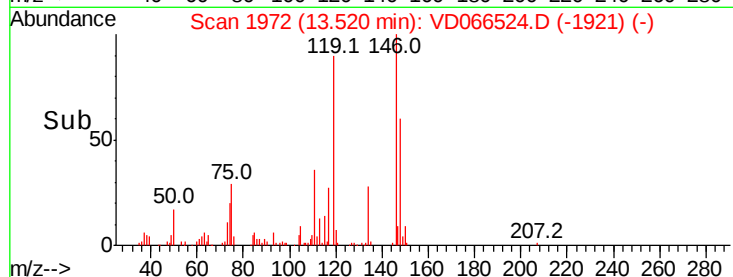
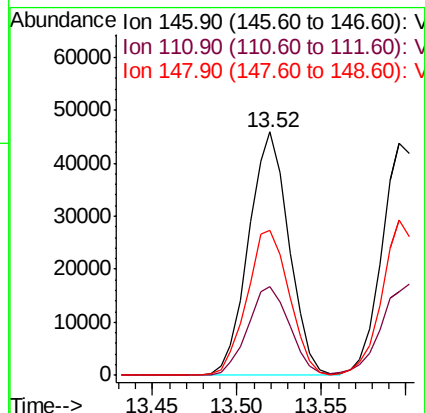
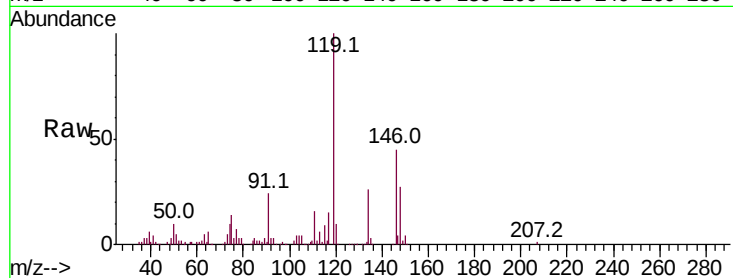
Tot Ion:146 Resp: 76150

Ion Ratio Lower Upper

146 100

111 37.8 20.3 61.0

148 62.5 32.3 96.9



#88

1,4-Dichlorobenzene

Concen: 20.832 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066524.D

Acq: 02 Sep 2020 15:53

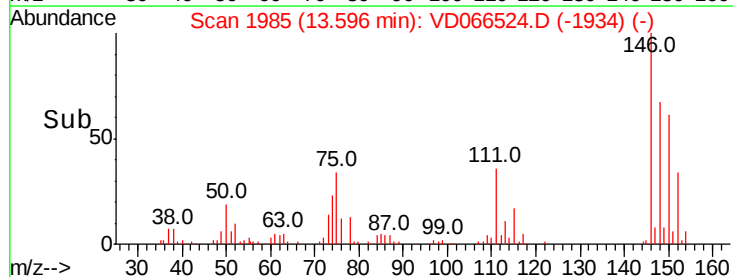
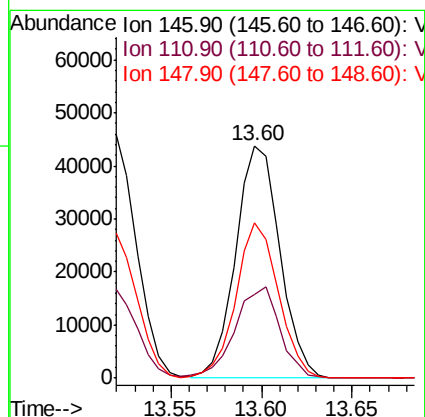
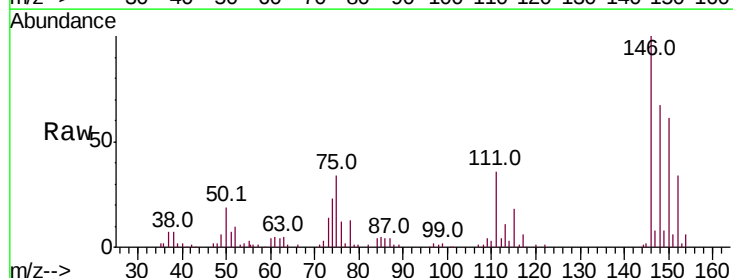
Tgt Ion:146 Resp: 74056

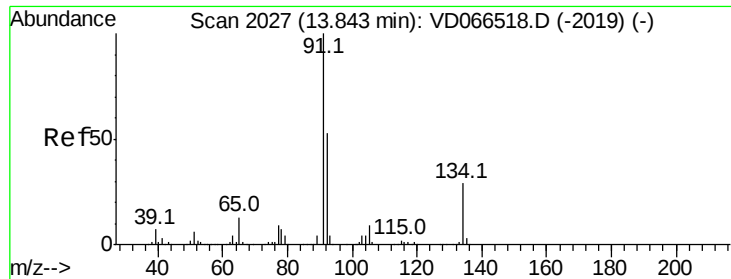
Ion Ratio Lower Upper

146 100

111 40.3 18.4 55.4

148 64.5 31.5 94.5

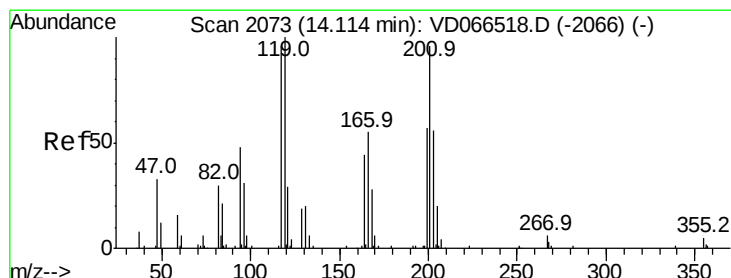
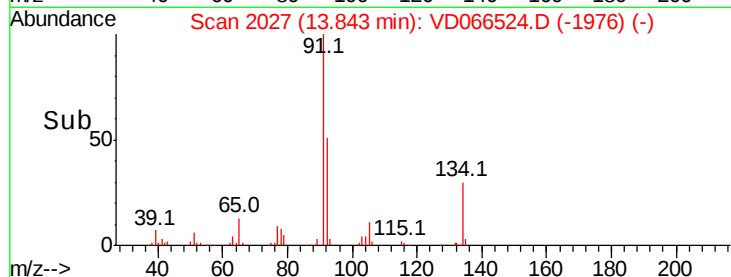
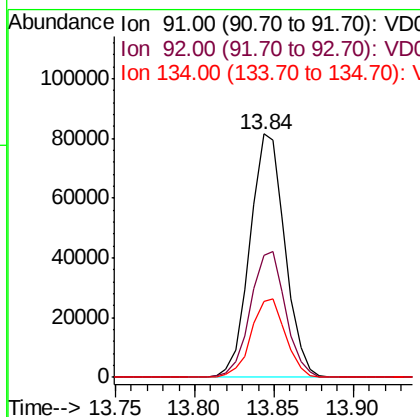
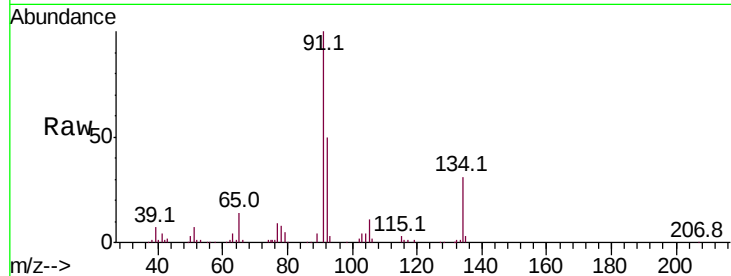




#89
n-Butylbenzene
Concen: 20.698 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

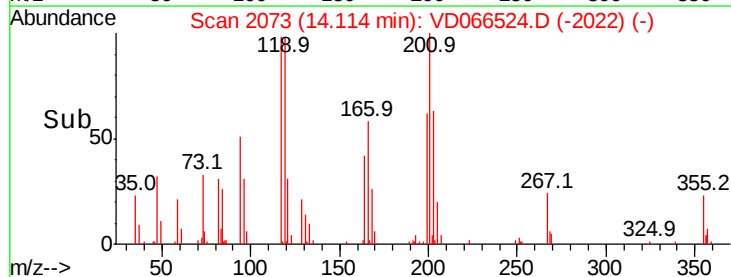
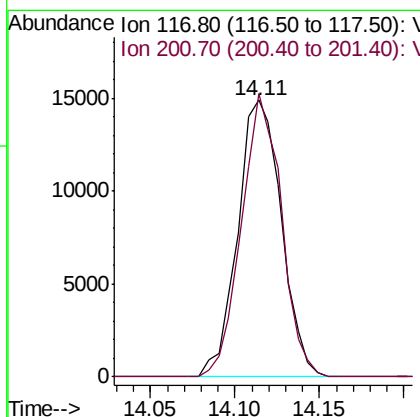
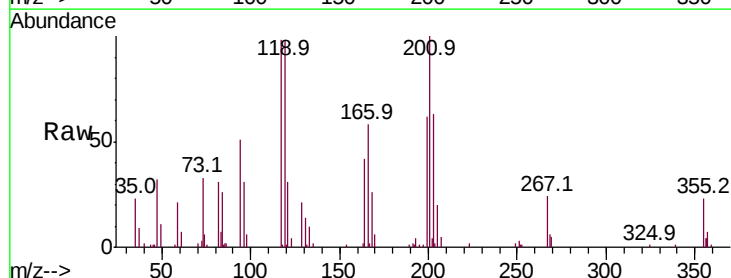
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBSD01

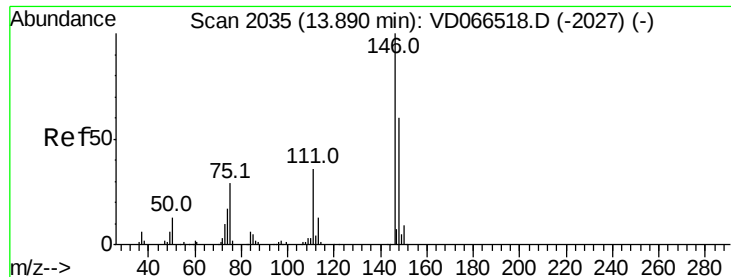
Tot Ion: 91 Resp: 124991
Ion Ratio Lower Upper
91 100
92 51.8 26.9 80.7
134 31.4 15.0 45.1



#90
Hexachloroethane
Concen: 20.678 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion: 117 Resp: 26752
Ion Ratio Lower Upper
117 100
201 93.5 50.0 150.0

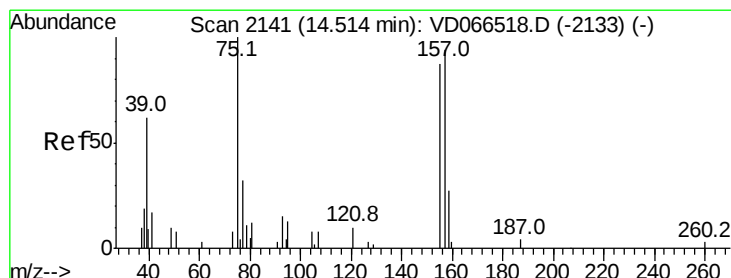
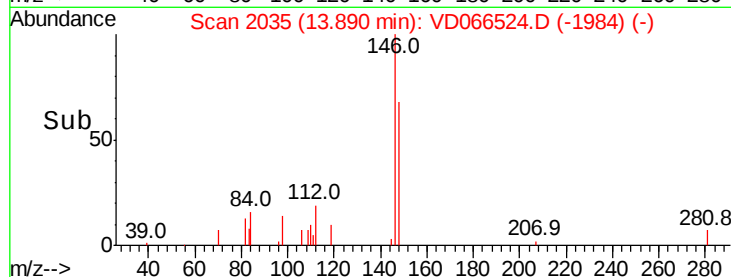
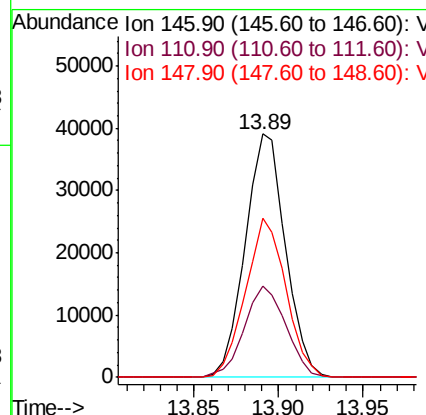
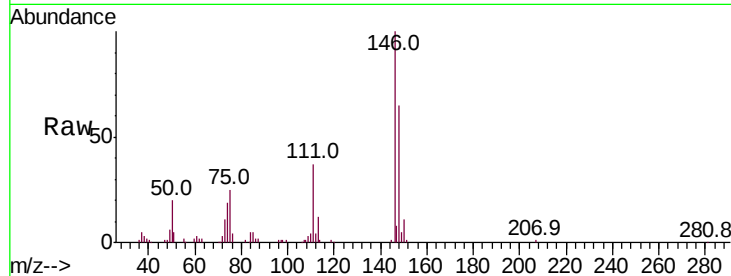




#91
 1,2-Dichlorobenzene
 Concen: 21.189 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066524.D
 Acq: 02 Sep 2020 15:53

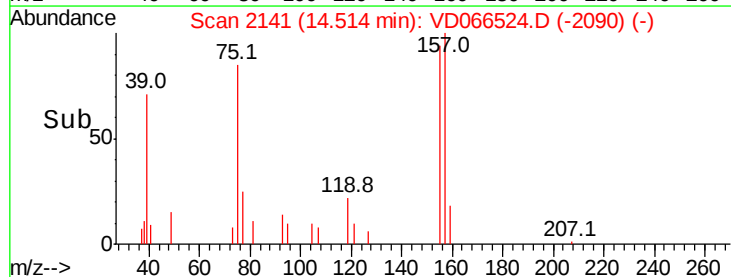
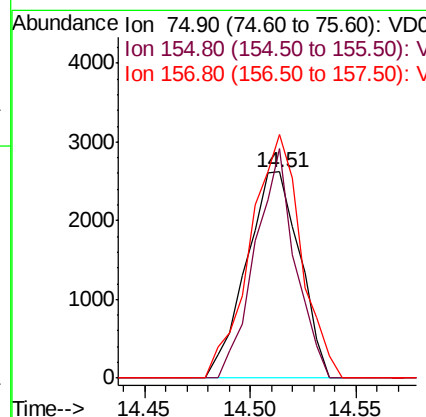
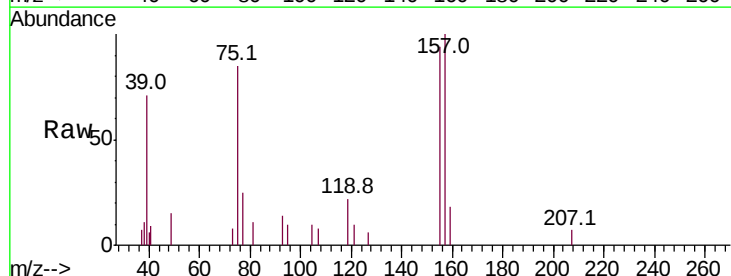
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBSD01

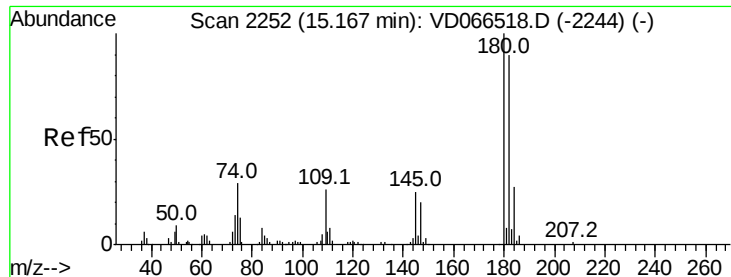
Tot Ion:146 Resp: 64765
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.1 60.2
 148 65.5 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.723 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066524.D
 Acq: 02 Sep 2020 15:53

Tgt Ion: 75 Resp: 4602
 Ion Ratio Lower Upper
 75 100
 155 83.6 40.8 122.5
 157 112.6 49.3 147.8

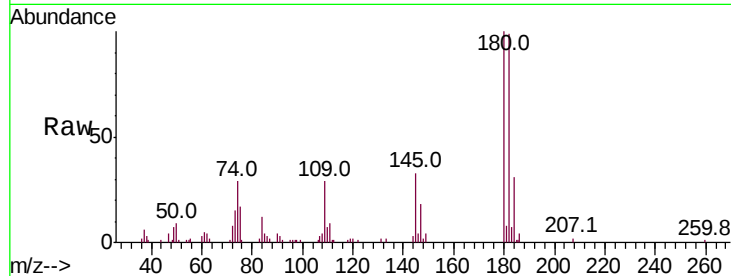




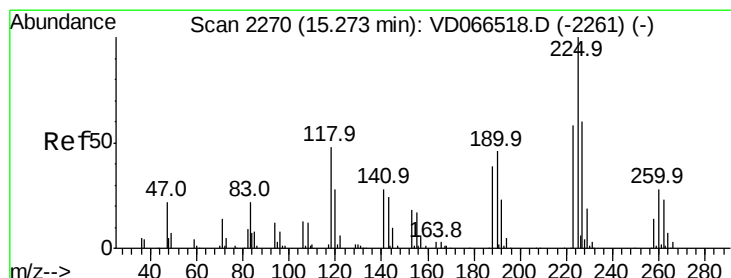
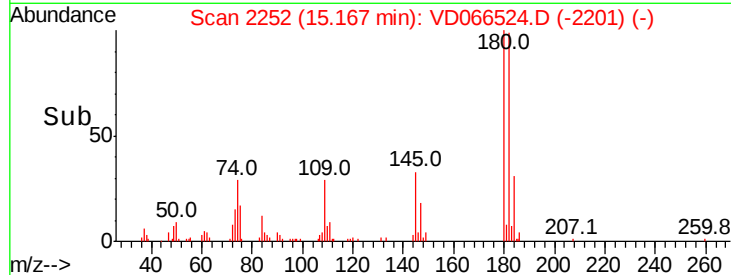
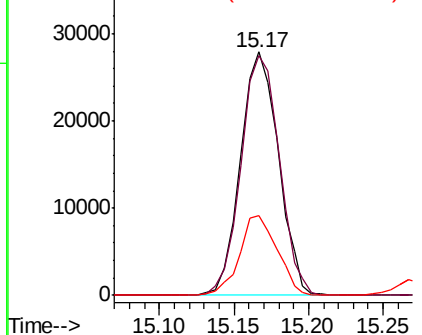
#93
 1,2,4-Trichlorobenzene
 Concen: 20.423 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066524.D
 Acq: 02 Sep 2020 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

Tot Ion:180 Resp: 49272
 Ion Ratio Lower Upper
 180 100
 182 99.5 46.9 140.6
 145 32.4 15.0 45.1

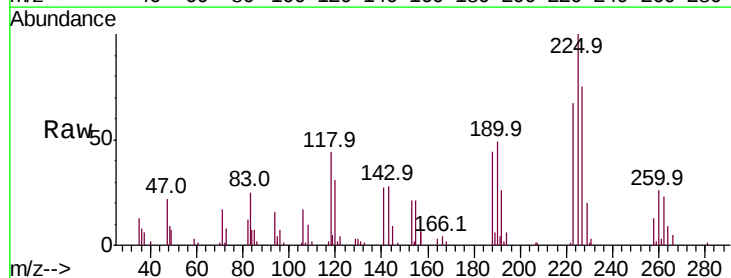


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

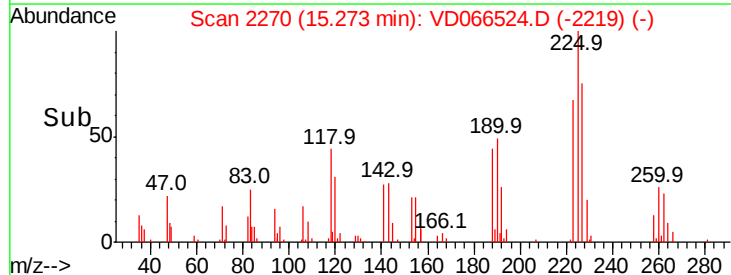
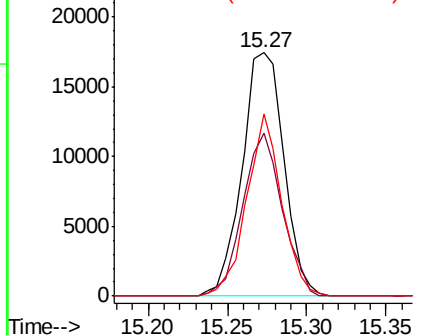


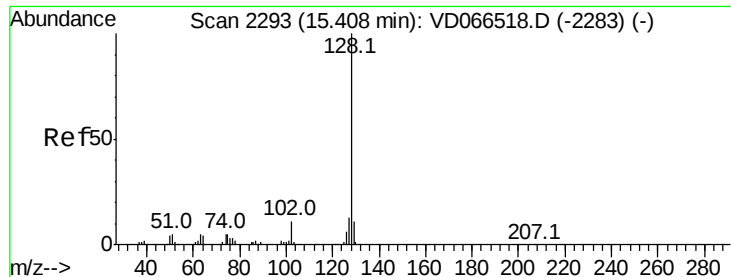
#94
 Hexachlorobutadiene
 Concen: 20.503 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066524.D
 Acq: 02 Sep 2020 15:53

Tgt Ion:225 Resp: 32065
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 94.7
 227 62.6 31.4 94.3



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

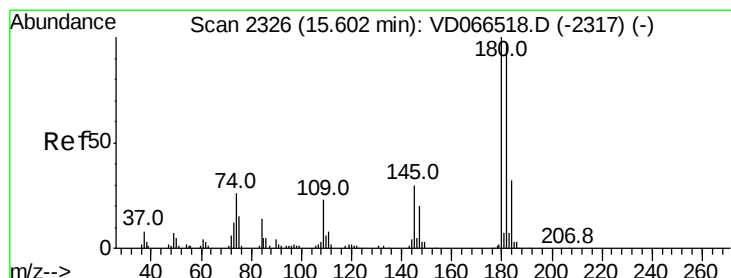
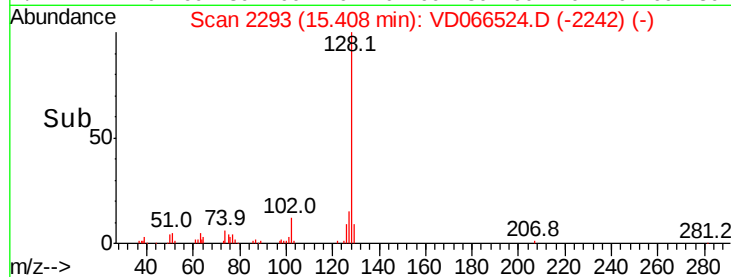
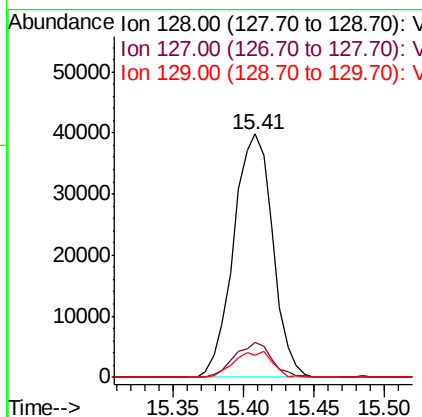
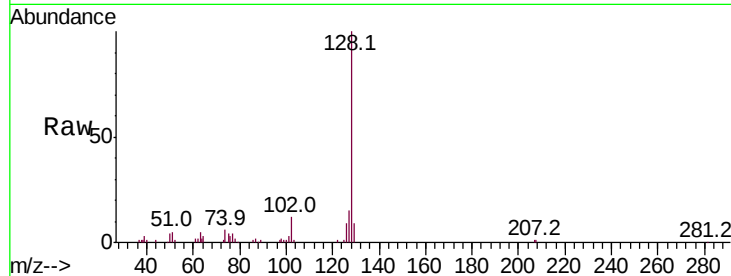




#95
Naphthalene
Concen: 20.522 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBSD01

Tot Ion:128 Resp: 76960
Ion Ratio Lower Upper
128 100
127 13.8 11.1 16.7
129 10.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.880 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066524.D
Acq: 02 Sep 2020 15:53

Tgt Ion:180 Resp: 43527
Ion Ratio Lower Upper
180 100
182 92.7 47.5 142.5
145 30.9 16.2 48.6

