

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066907.D
 Acq On : 28 Sep 2020 12:24
 Operator : VA/SY
 Sample : VD0928SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Quant Time: Sep 29 00:55:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	406747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	641361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	593211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290408	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	181290	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	
35) Dibromofluoromethane	7.91	113	191140	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	
50) Toluene-d8	10.34	98	691793	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.63	95	245068	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	70753	21.647	ug/l	90
3) Chloromethane	2.20	50	69065	18.481	ug/l	98
4) Vinyl Chloride	2.35	62	67549	18.296	ug/l	98
5) Bromomethane	2.76	94	46447	17.898	ug/l	97
6) Chloroethane	2.91	64	39333	17.155	ug/l #	87
7) Trichlorofluoromethane	3.27	101	145726	19.219	ug/l	96
8) Diethyl Ether	3.70	74	38842	20.178	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	87419	19.882	ug/l	98
10) Methyl Iodide	4.30	142	71332	18.385	ug/l	96
11) Tert butyl alcohol	5.21	59	17851	32.659	ug/l #	91
12) 1,1-Dichloroethene	4.06	96	77804	19.534	ug/l	96
13) Acrolein	3.92	56	28021	95.413	ug/l	89
14) Allyl chloride	4.71	41	106661	18.237	ug/l	96
15) Acrylonitrile	5.43	53	85357	100.058	ug/l	99
16) Acetone	4.16	43	74640	88.381	ug/l	97
17) Carbon Disulfide	4.40	76	237646	19.516	ug/l	97
18) Methyl Acetate	4.72	43	40362	19.183	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	176792	20.439	ug/l	93
20) Methylene Chloride	4.97	84	115796	22.165	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	92449	20.046	ug/l	97
22) Diisopropyl ether	6.36	45	232906	19.368	ug/l	96
23) Vinyl Acetate	6.31	43	587796	91.739	ug/l	97
24) 1,1-Dichloroethane	6.26	63	154133	19.159	ug/l	94
25) 2-Butanone	7.21	43	99047	97.594	ug/l	100
26) 2,2-Dichloropropane	7.21	77	140116	19.003	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	98458	19.649	ug/l	99
28) Bromochloromethane	7.54	49	63544	19.120	ug/l	94
29) Tetrahydrofuran	7.56	42	63797	98.105	ug/l	94
30) Chloroform	7.71	83	166880	19.244	ug/l	99
31) Cyclohexane	7.98	56	135237	18.683	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	154747	19.727	ug/l	98
36) 1,1-Dichloropropene	8.11	75	122316	19.224	ug/l	98
37) Ethyl Acetate	7.30	43	47724	20.748	ug/l	95
38) Carbon Tetrachloride	8.09	117	137382	19.749	ug/l	98

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	143430	19.633	ug/l	98
40) Benzene	8.35	78	351968	19.848	ug/l	95
41) Methacrylonitrile	7.52	41	20376	14.405	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	101419	19.346	ug/l	98
43) Isopropyl Acetate	8.45	43	85846	19.358	ug/l	96
44) Trichloroethene	9.11	130	105159	20.805	ug/l	94
45) 1,2-Dichloropropane	9.38	63	88960	19.939	ug/l	91
46) Dibromomethane	9.47	93	48776	20.121	ug/l	97
47) Bromodichloromethane	9.66	83	127113	19.520	ug/l #	95
48) Methyl methacrylate	9.46	41	42397	19.390	ug/l	99
49) 1,4-Dioxane	9.46	88	14361	467.096	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	228160	101.536	ug/l	97
52) Toluene	10.40	92	233642	20.455	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	111284	20.078	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	136130	20.143	ug/l #	89
55) 1,1,2-Trichloroethane	10.80	97	69284	20.791	ug/l	90
56) Ethyl methacrylate	10.66	69	73741	20.656	ug/l	96
57) 1,3-Dichloropropane	10.94	76	113272	20.585	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	212536	125.732	ug/l	98
59) 2-Hexanone	10.98	43	153695	101.424	ug/l	96
60) Dibromochloromethane	11.14	129	93717	21.547	ug/l	96
61) 1,2-Dibromoethane	11.24	107	65499	21.131	ug/l	98
64) Tetrachloroethene	10.87	164	89391	20.949	ug/l	96
65) Chlorobenzene	11.67	112	246240	19.942	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	93585	20.025	ug/l	98
67) Ethyl Benzene	11.74	91	432749	19.954	ug/l	100
68) m/p-Xylenes	11.85	106	333954	40.672	ug/l	100
69) o-Xylene	12.18	106	150039	20.208	ug/l	99
70) Styrene	12.19	104	261630	20.291	ug/l	100
71) Bromoform	12.36	173	51660	21.832	ug/l #	94
73) Isopropylbenzene	12.48	105	417261	19.889	ug/l	98
74) N-amyl acetate	12.28	43	79824	19.484	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	70280	19.414	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	92943	38.619	ug/l #	100
77) Bromobenzene	12.76	156	99805	20.341	ug/l	98
78) n-propylbenzene	12.82	91	494056	19.575	ug/l	100
79) 2-Chlorotoluene	12.91	91	272777	18.966	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	350121	19.669	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	21693	22.551	ug/l	94
82) 4-Chlorotoluene	13.01	91	300828	19.842	ug/l	100
83) tert-Butylbenzene	13.23	119	291668	19.940	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	356672	20.206	ug/l	100
85) sec-Butylbenzene	13.40	105	420005	19.968	ug/l	99
86) p-Isopropyltoluene	13.52	119	380071	20.046	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	191336	19.738	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	191135	19.853	ug/l	98
89) n-Butylbenzene	13.84	91	344646	19.124	ug/l	99
90) Hexachloroethane	14.11	117	73147	19.003	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	167267	20.169	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11861	20.368	ug/l	96

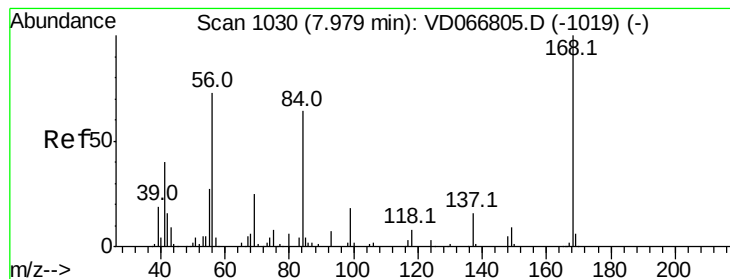
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066907.D
Acq On : 28 Sep 2020 12:24
Operator : VA/SY
Sample : VD0928SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Instrument :
MSVOA_D
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Quant Time: Sep 29 00:55:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	106477	20.395	ug/l	99
94) Hexachlorobutadiene	15.27	225	64149	20.505	ug/l	97
95) Naphthalene	15.41	128	182627	20.604	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	92798	20.594	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

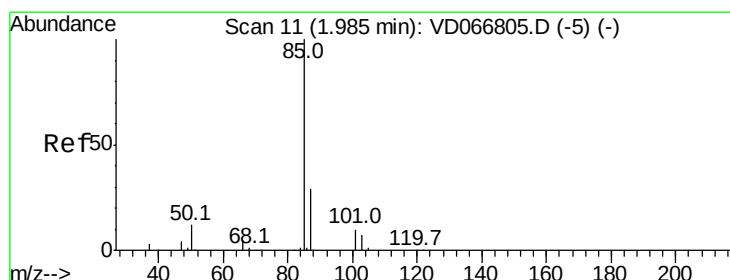
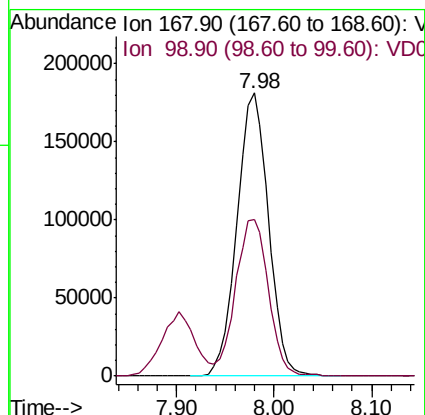
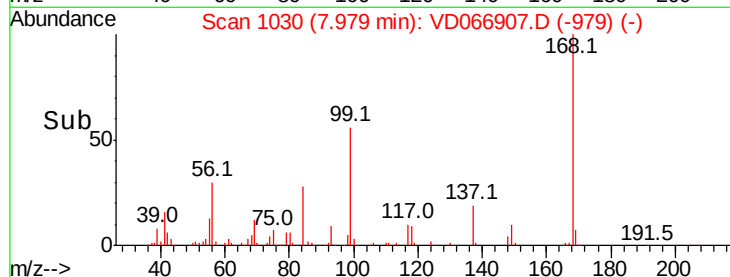
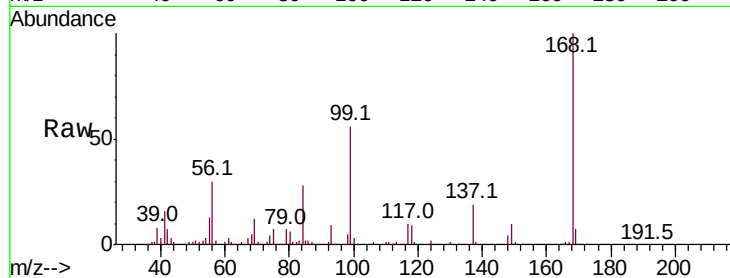
VD0928SBSD01

Tot Ion:168 Resp: 406747

Ion Ratio Lower Upper

168 100

99 55.4 46.6 69.8



#2

Dichlorodifluoromethane

Concen: 21.647 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066907.D

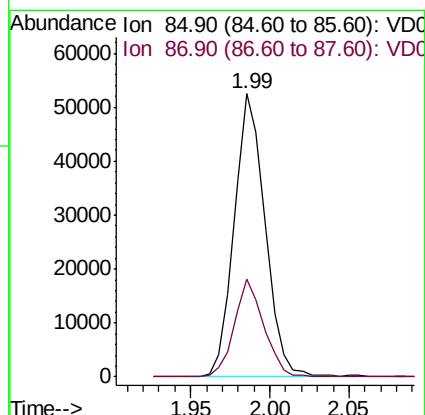
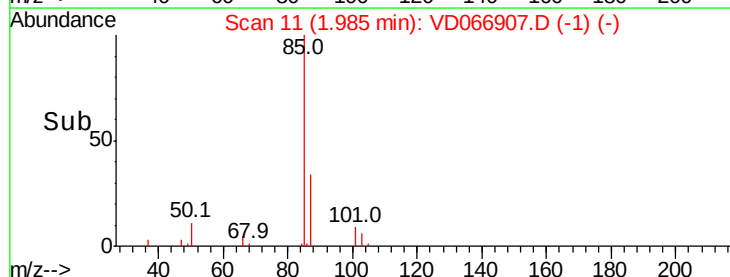
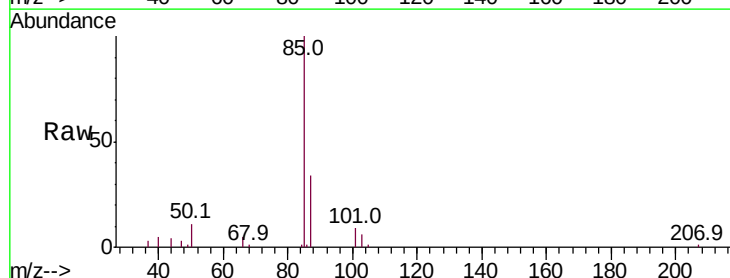
Acq: 28 Sep 2020 12:24

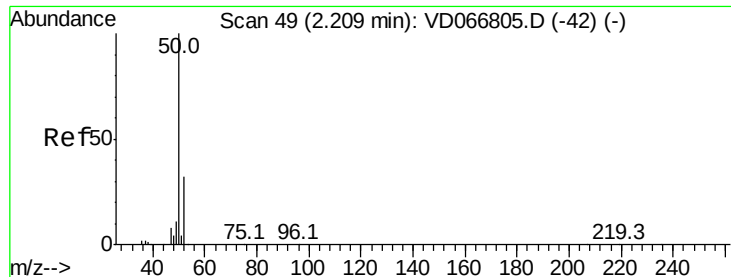
Tgt Ion: 85 Resp: 70753

Ion Ratio Lower Upper

85 100

87 34.4 14.5 43.5





#3

Chloromethane

Concen: 18.481 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

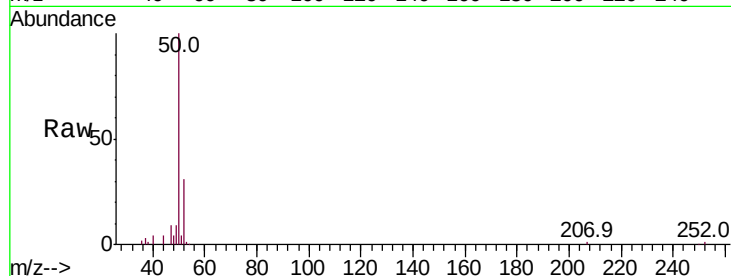
VD0928SBSD01

Tot Ion: 50 Resp: 69065

Ion Ratio Lower Upper

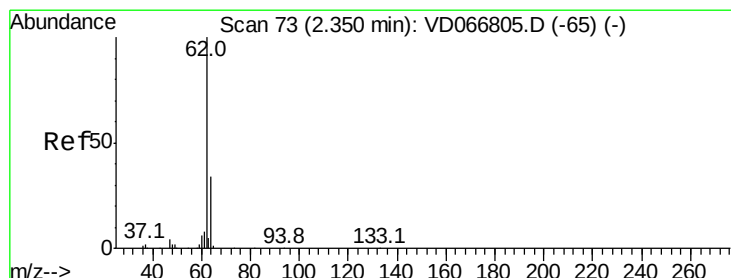
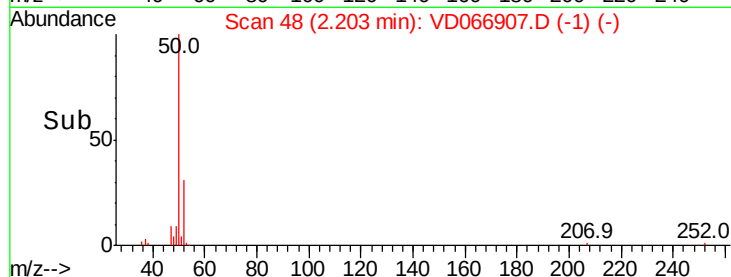
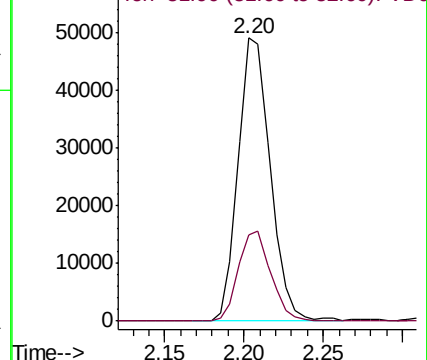
50 100

52 30.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.296 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066907.D

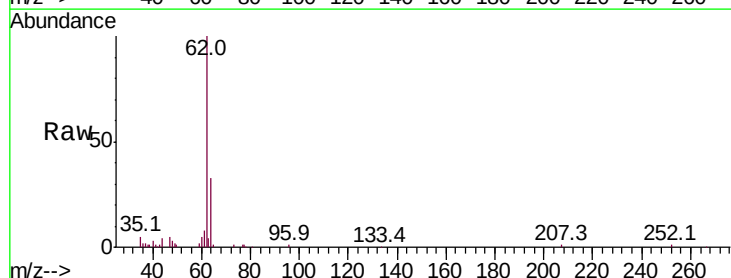
Acq: 28 Sep 2020 12:24

Tgt Ion: 62 Resp: 67549

Ion Ratio Lower Upper

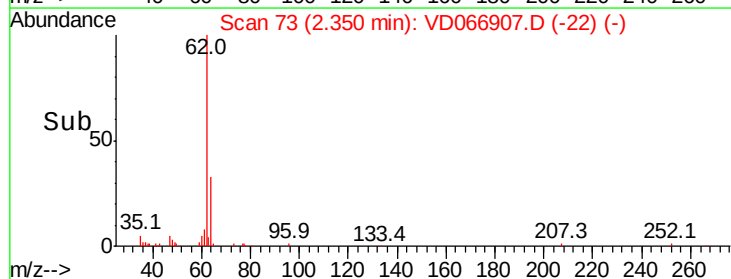
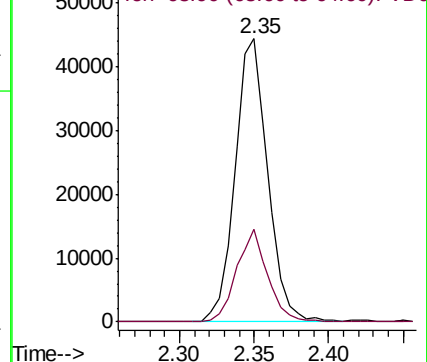
62 100

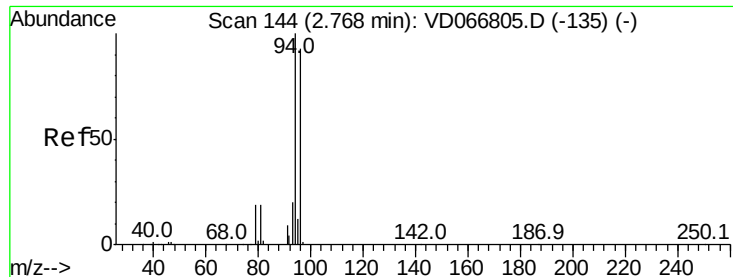
64 32.7 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 17.898 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

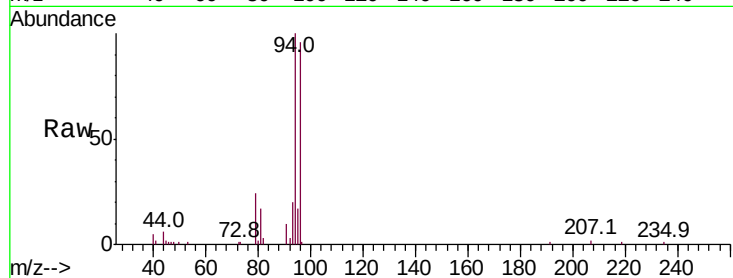
VD0928SBSD01

Tot Ion: 94 Resp: 46447

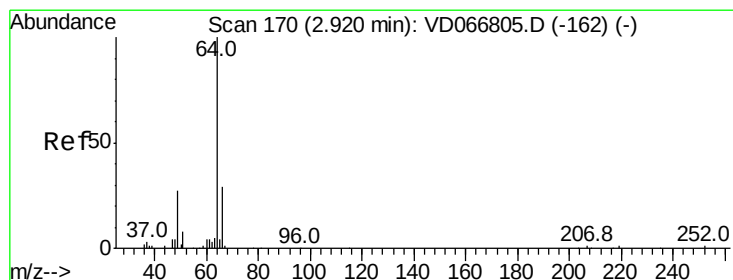
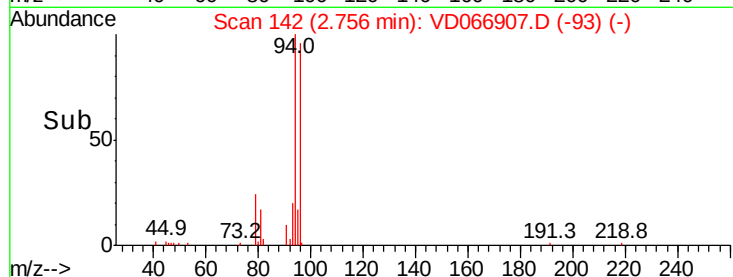
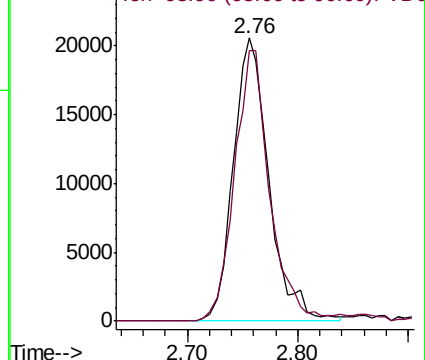
Ion Ratio Lower Upper

94 100

96 95.7 74.3 111.5



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



#6

Chloroethane

Concen: 17.155 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066907.D

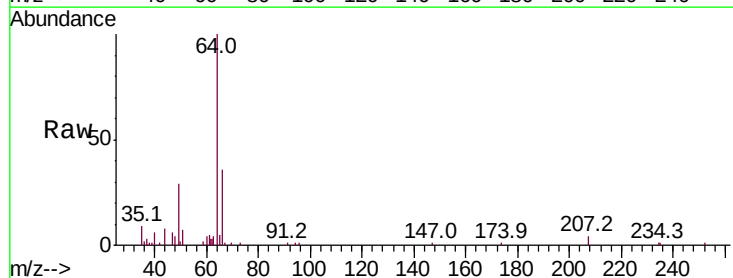
Acq: 28 Sep 2020 12:24

Tgt Ion: 64 Resp: 39333

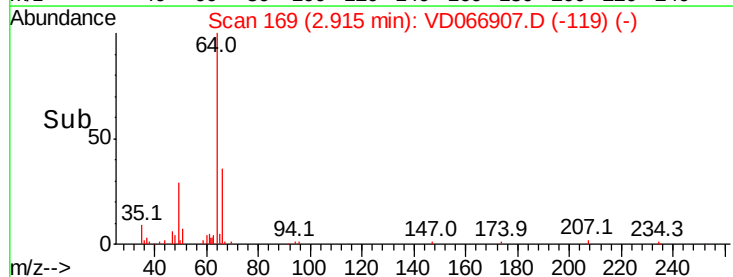
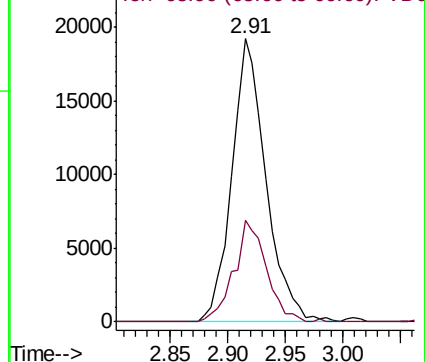
Ion Ratio Lower Upper

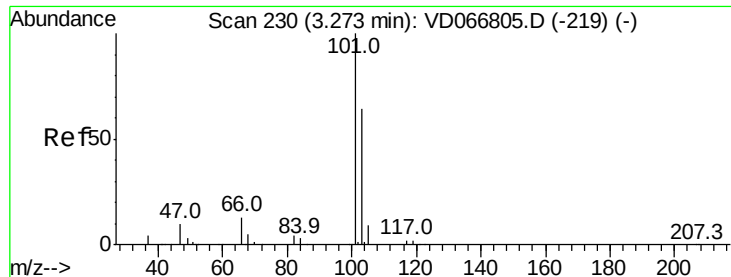
64 100

66 35.9 23.3 34.9#



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



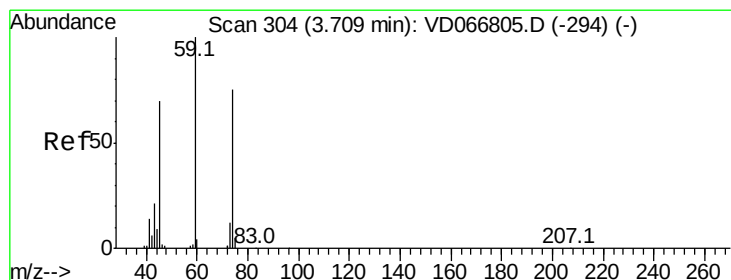
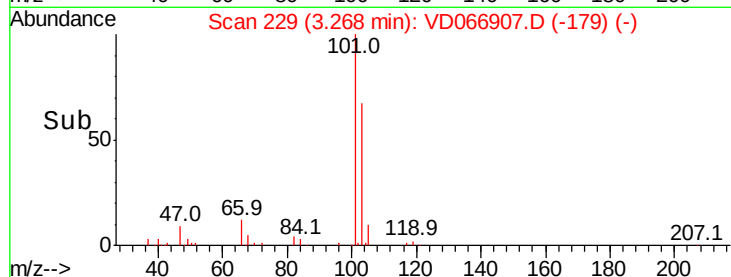
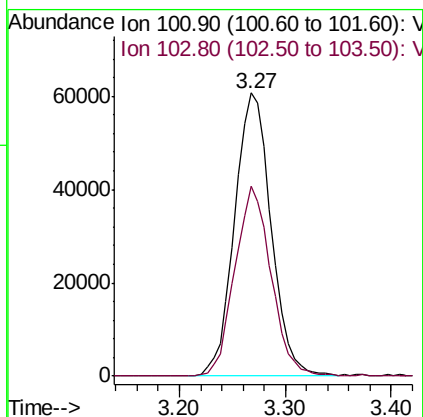
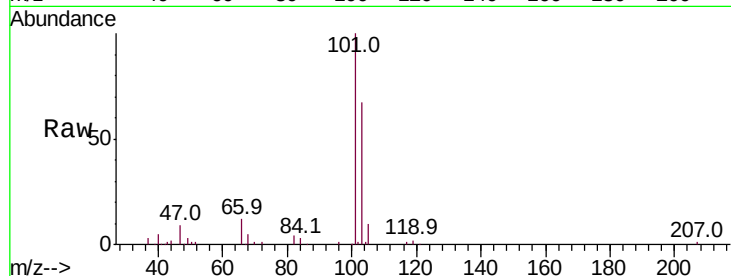


#7

Trichlorofluoromethane
Concen: 19.219 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

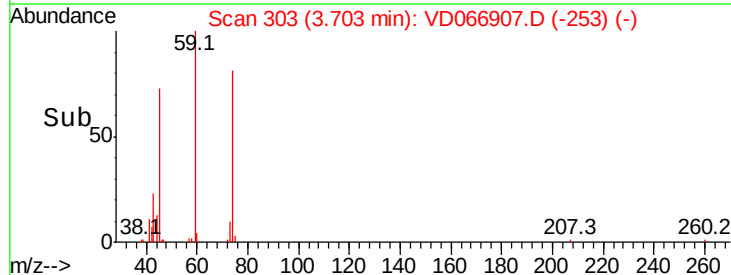
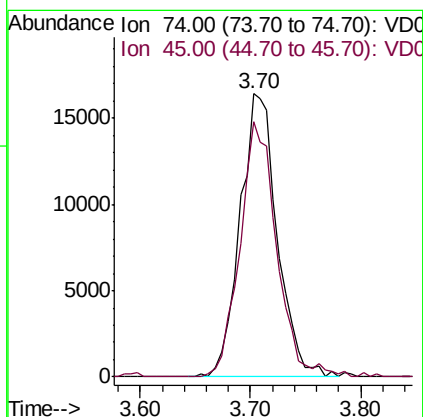
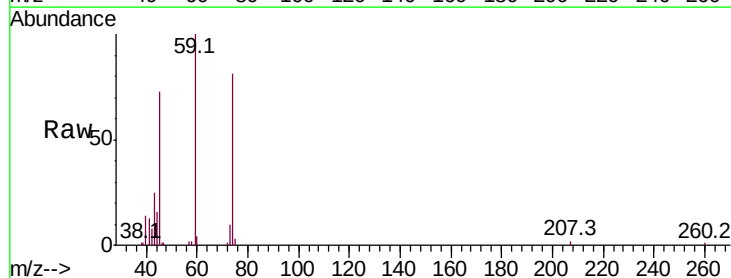
Tot Ion:101 Resp: 145726
Ion Ratio Lower Upper
101 100
103 67.1 51.0 76.6

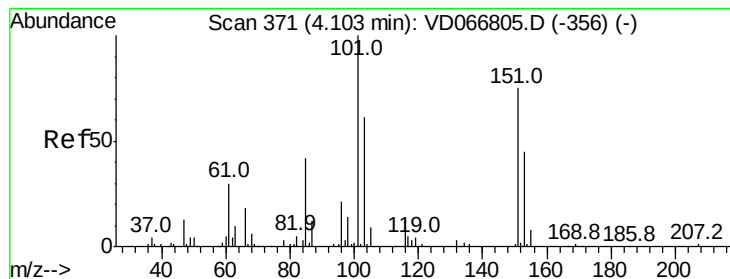


#8

Diethyl Ether
Concen: 20.178 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion: 74 Resp: 38842
Ion Ratio Lower Upper
74 100
45 89.1 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.882 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBSD01

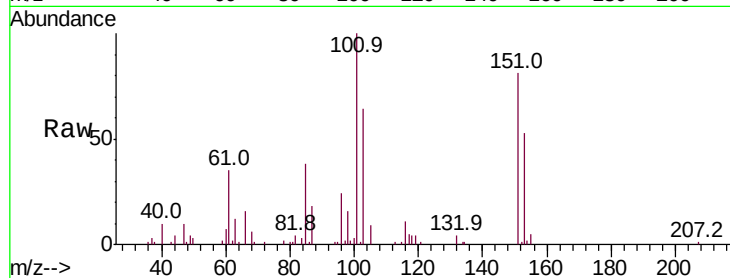
Tot Ion:101 Resp: 87419

Ion Ratio Lower Upper

101 100

85 41.7 35.4 53.2

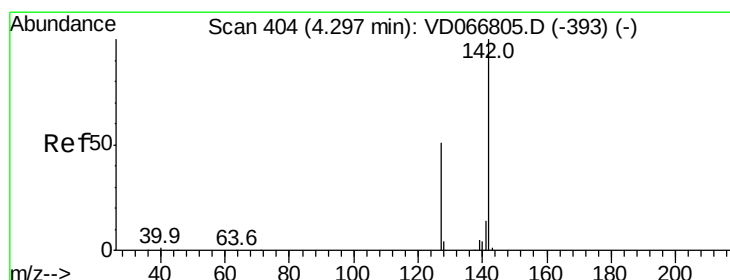
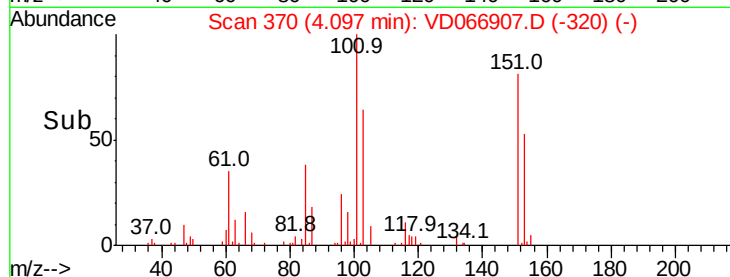
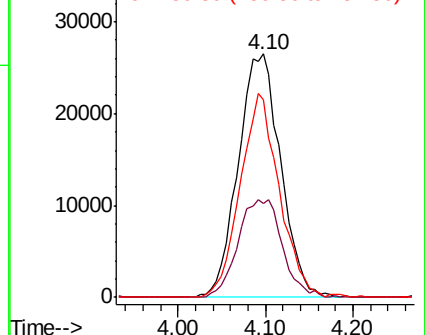
151 77.3 61.4 92.0



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: 18.385 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

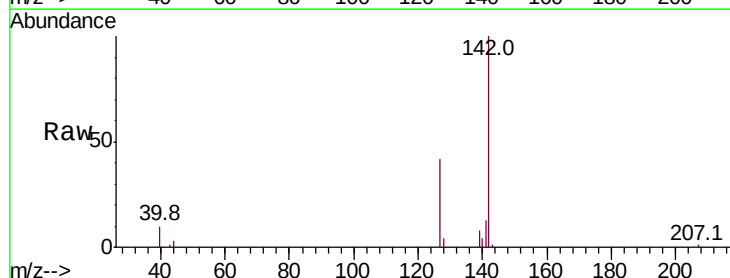
Tgt Ion:142 Resp: 71332

Ion Ratio Lower Upper

142 100

127 45.8 39.4 59.0

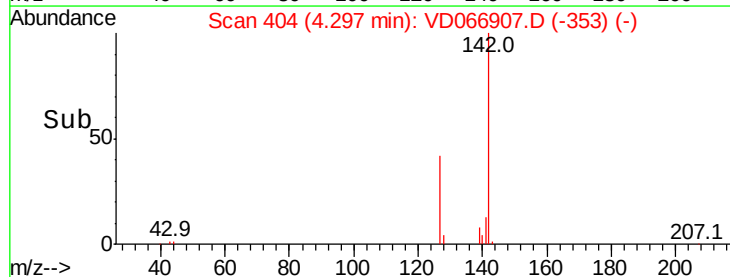
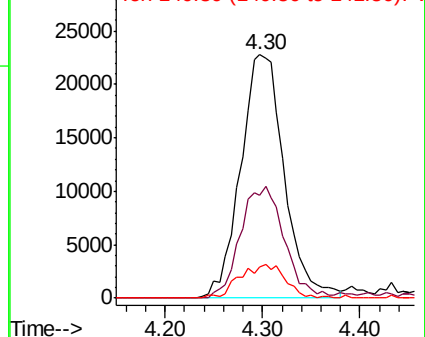
141 14.3 12.1 18.1

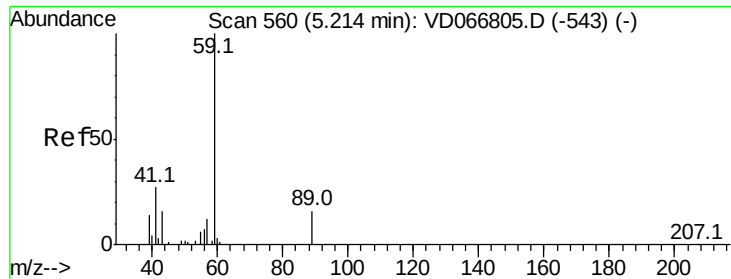


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 32.659 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

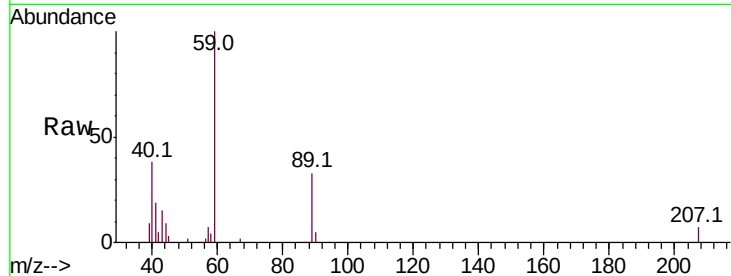
VD0928SBSD01

Tot Ion: 59 Resp: 17851

Ion Ratio Lower Upper

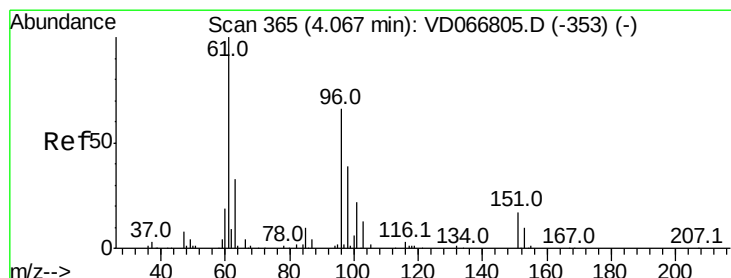
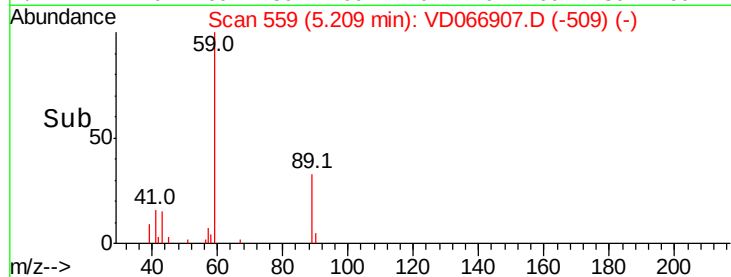
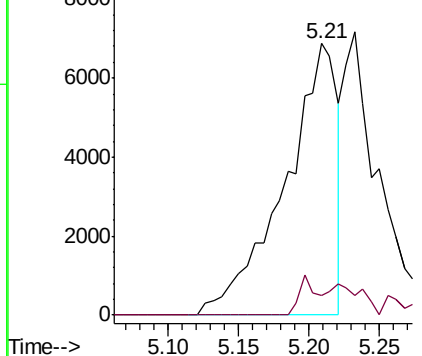
59 100

57 7.1 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 19.534 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

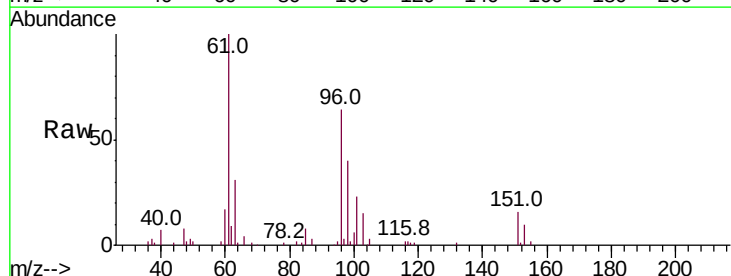
Tgt Ion: 96 Resp: 77804

Ion Ratio Lower Upper

96 100

61 156.8 120.8 181.2

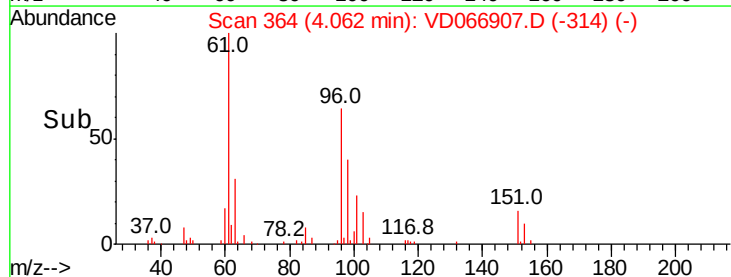
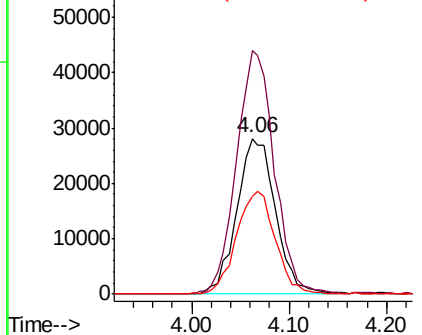
98 62.8 47.7 71.5

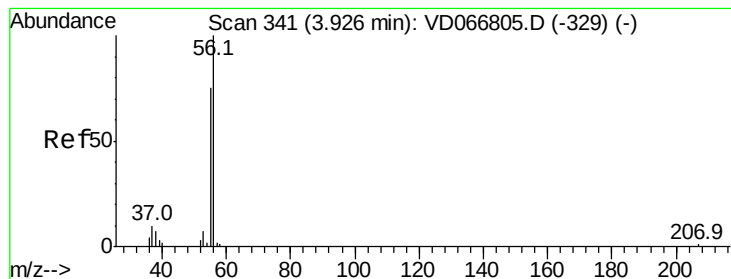


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 95.413 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

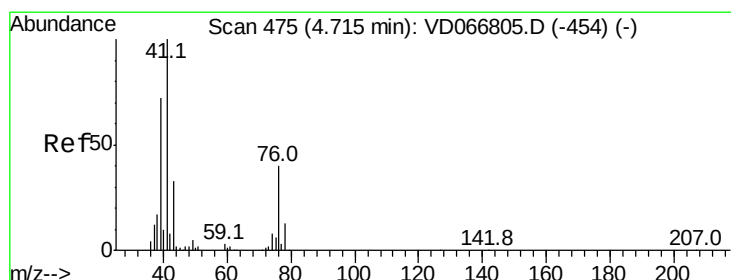
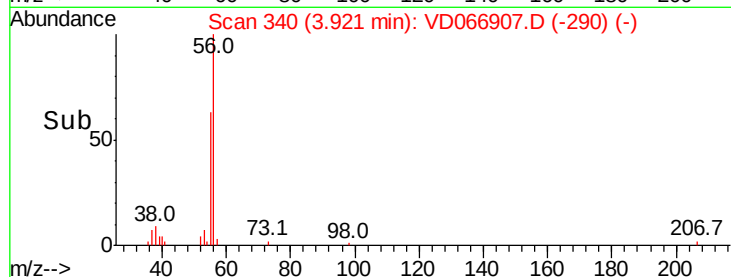
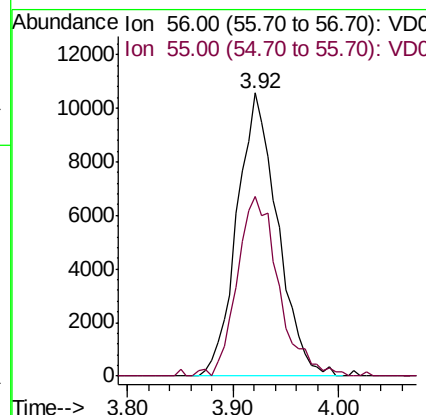
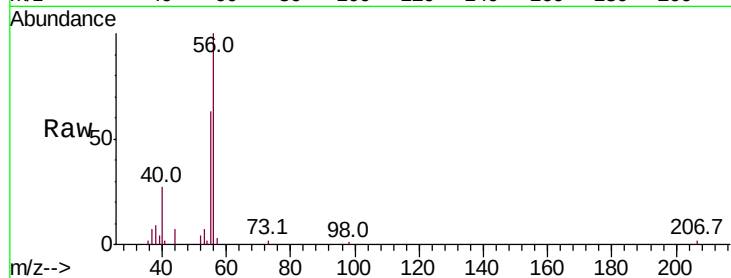
VD0928SBSD01

Tot Ion: 56 Resp: 28021

Ion Ratio Lower Upper

56 100

55 65.6 60.3 90.5



#14

Allyl chloride

Concen: 18.237 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

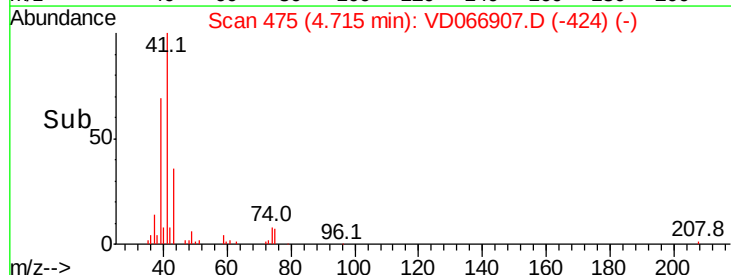
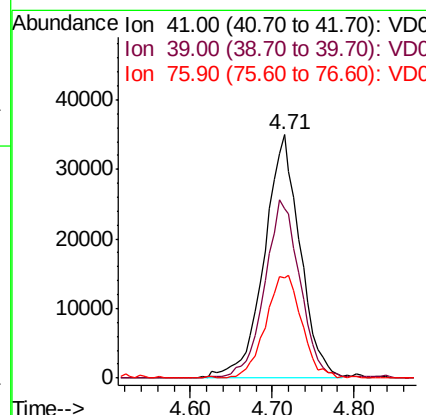
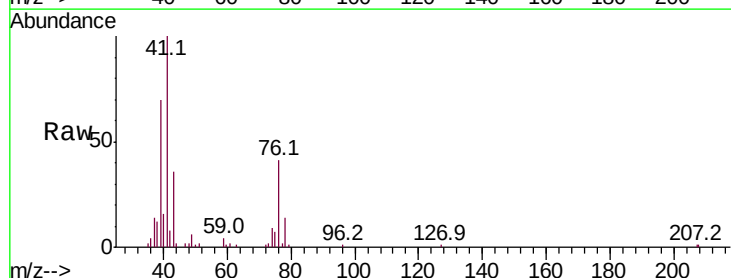
Tgt Ion: 41 Resp: 106661

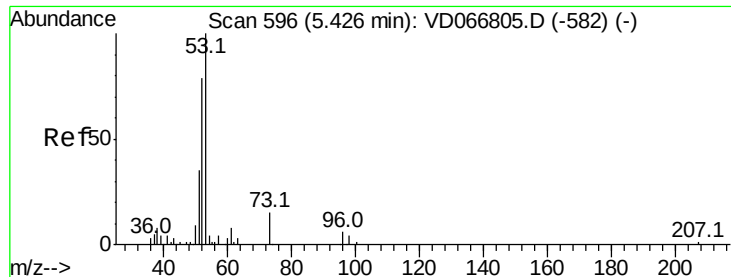
Ion Ratio Lower Upper

41 100

39 70.7 57.8 86.8

76 42.6 30.9 46.3





#15

Acrylonitrile

Concen: 100.058 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBSD01

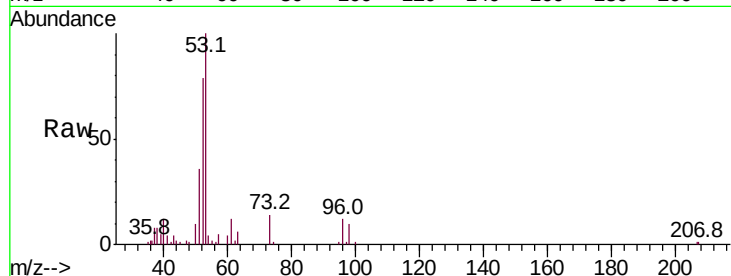
Tot Ion: 53 Resp: 85357

Ion Ratio Lower Upper

53 100

52 81.0 65.2 97.8

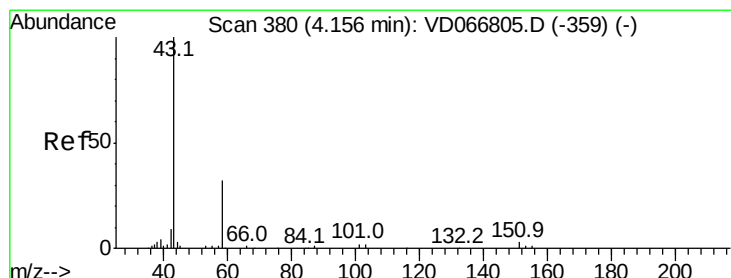
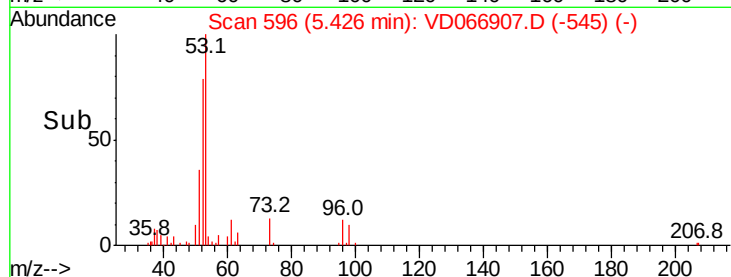
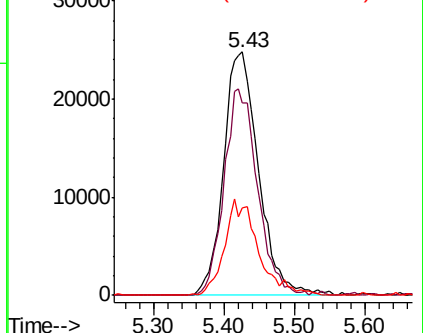
51 37.9 30.6 46.0



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: 88.381 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066907.D

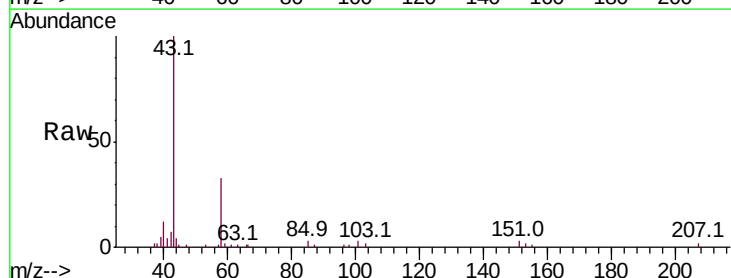
Acq: 28 Sep 2020 12:24

Tgt Ion: 43 Resp: 74640

Ion Ratio Lower Upper

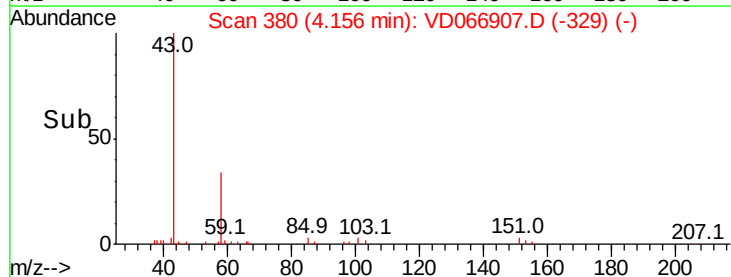
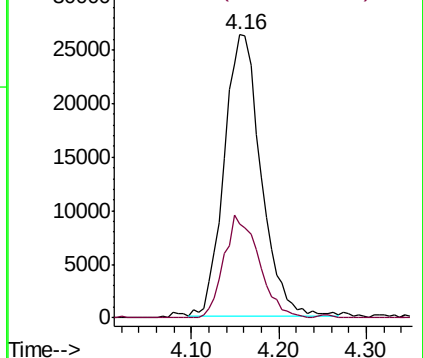
43 100

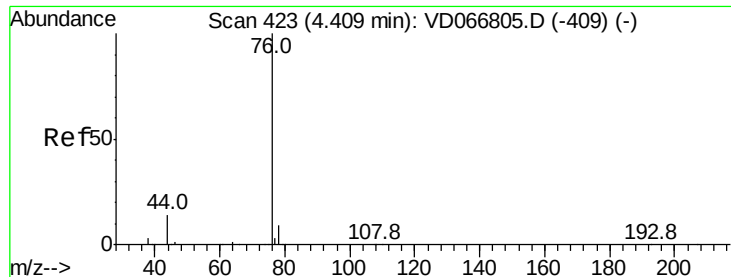
58 33.7 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

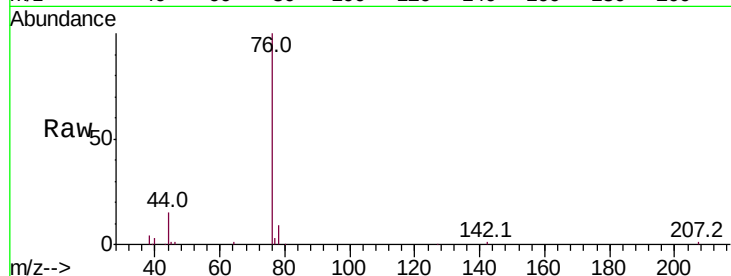




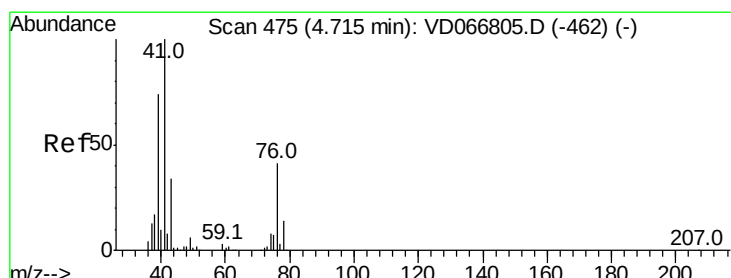
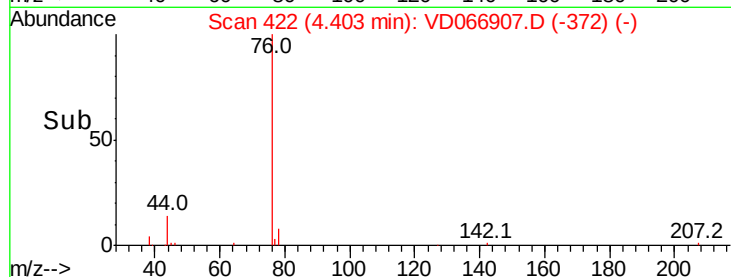
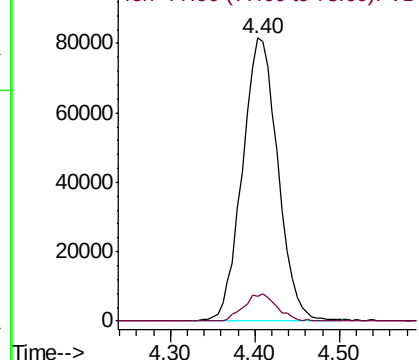
#17
Carbon Disulfide
Concen: 19.516 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

Tot Ion: 76 Resp: 237646
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4

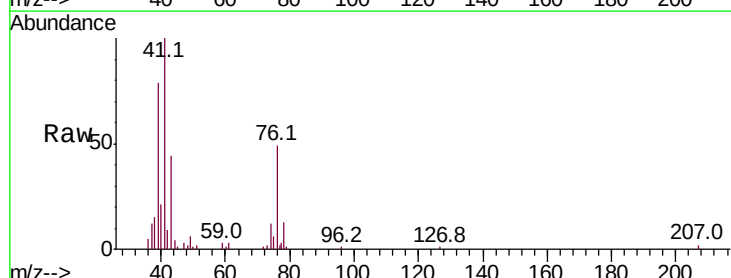


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

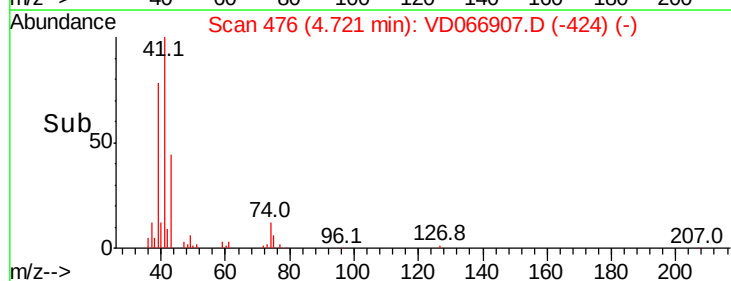
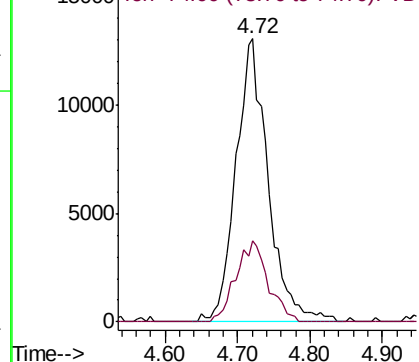


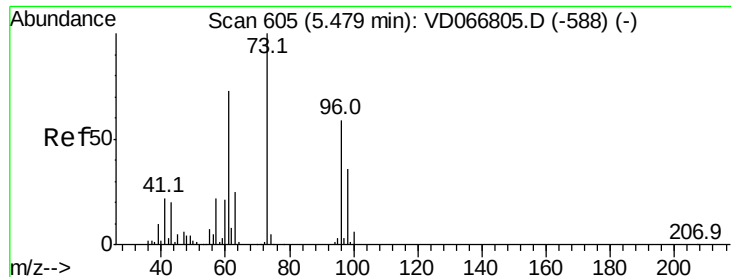
#18
Methyl Acetate
Concen: 19.183 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion: 43 Resp: 40362
Ion Ratio Lower Upper
43 100
74 28.6 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

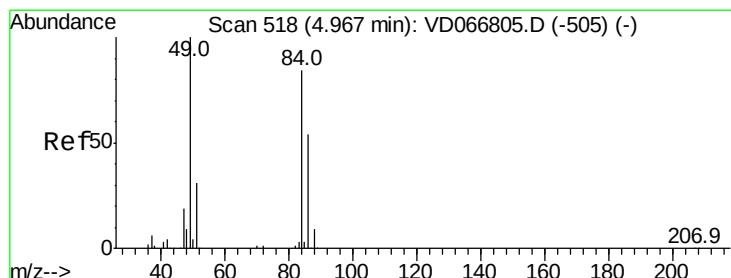
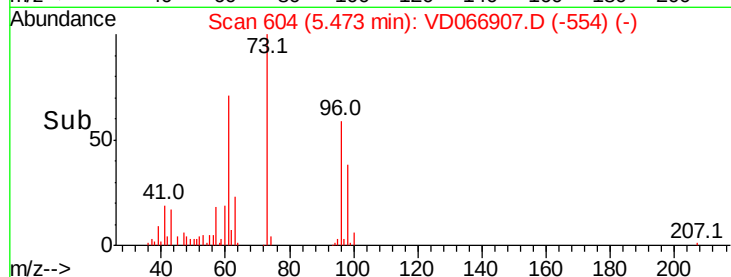
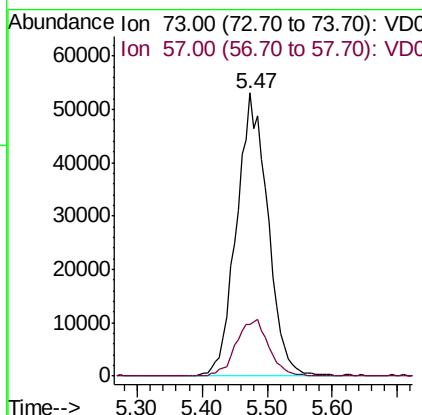
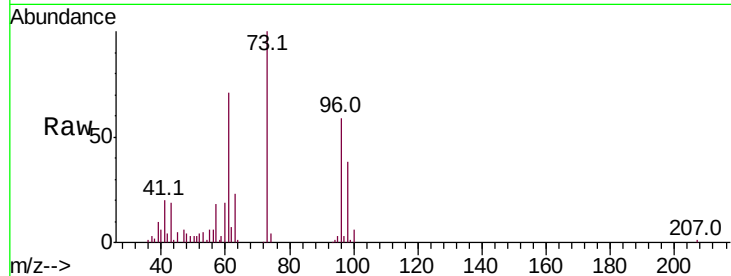




#19
Methyl tert-butyl Ether
Concen: 20.439 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

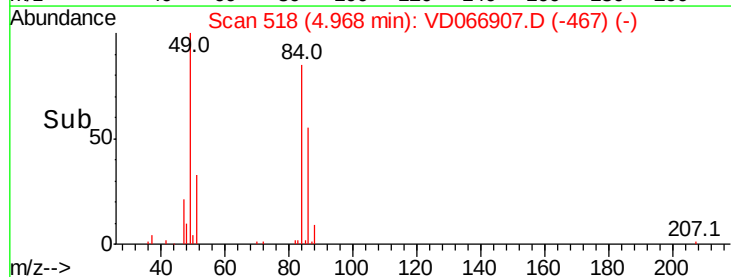
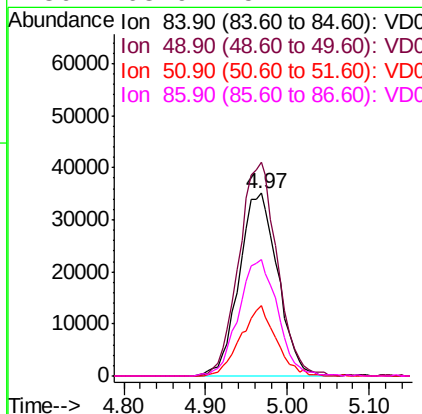
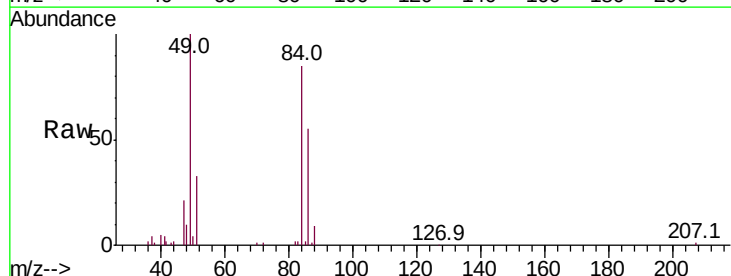
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

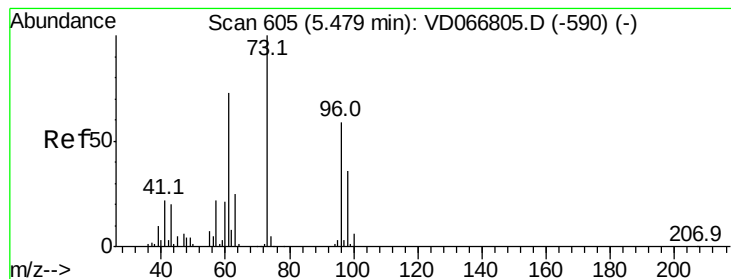
Tot Ion: 73 Resp: 176792
Ion Ratio Lower Upper
73 100
57 18.4 17.4 26.2



#20
Methylene Chloride
Concen: 22.165 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion: 84 Resp: 115796
Ion Ratio Lower Upper
84 100
49 117.0 95.4 143.2
51 38.3 29.7 44.5
86 63.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.046 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

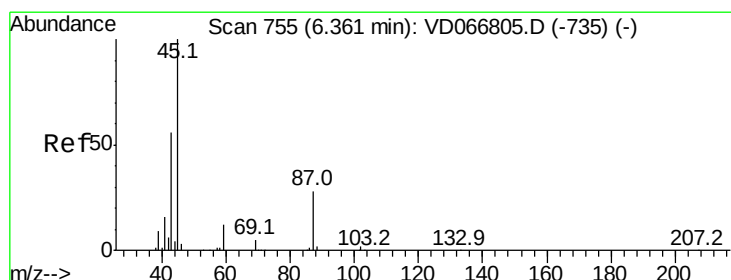
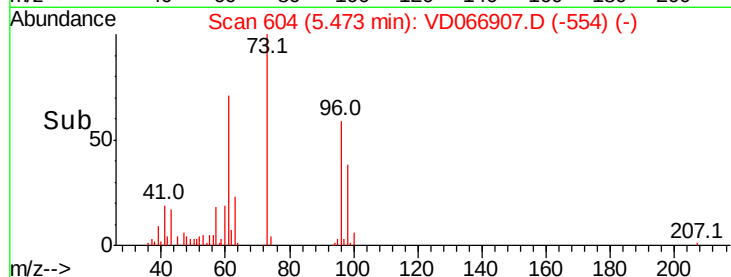
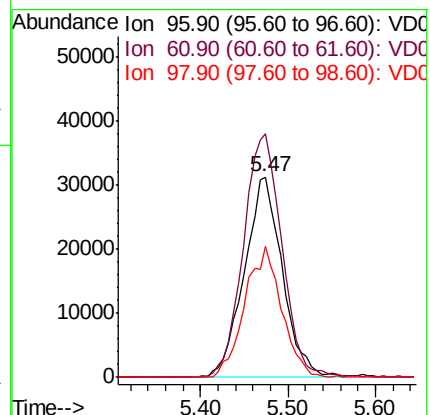
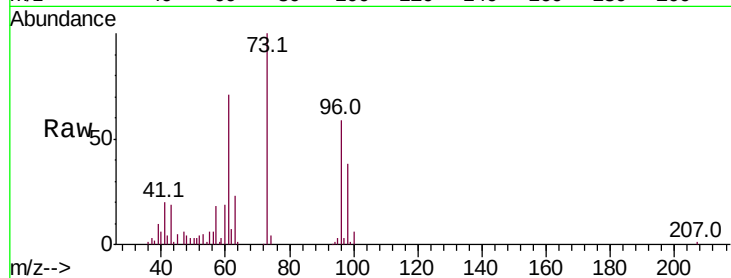
Tot Ion: 96 Resp: 92449

Ion Ratio Lower Upper

96 100

61 121.6 98.9 148.3

98 65.1 48.4 72.6



#22

Diisopropyl ether

Concen: 19.368 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Tgt Ion: 45 Resp: 232906

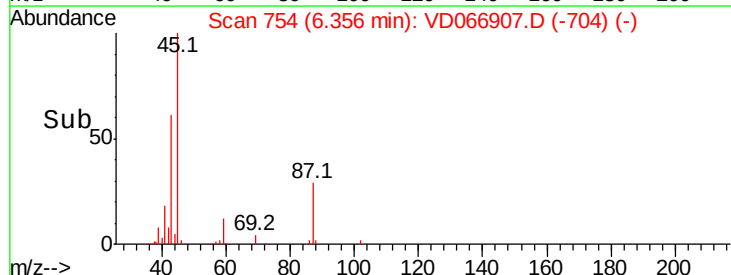
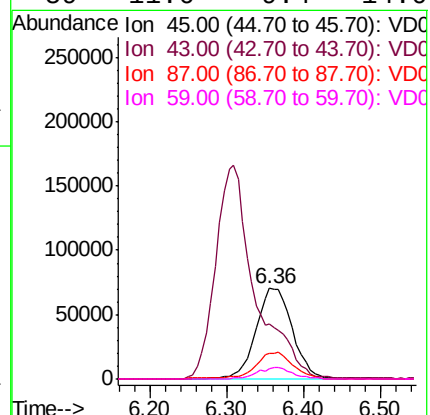
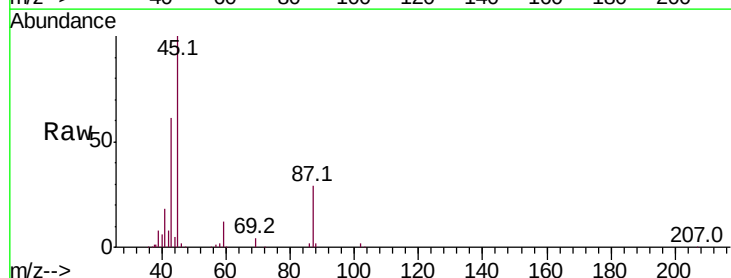
Ion Ratio Lower Upper

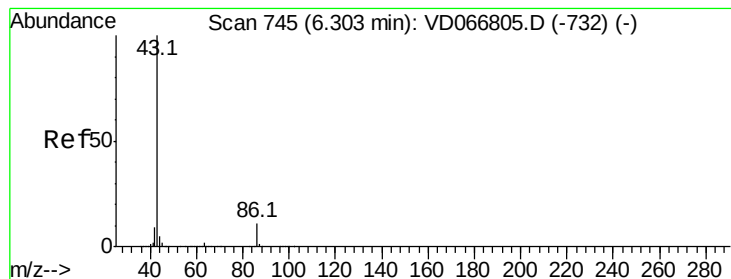
45 100

43 60.3 44.5 66.7

87 28.8 22.9 34.3

59 11.6 9.4 14.0





#23

Vinyl Acetate

Concen: 91.739 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

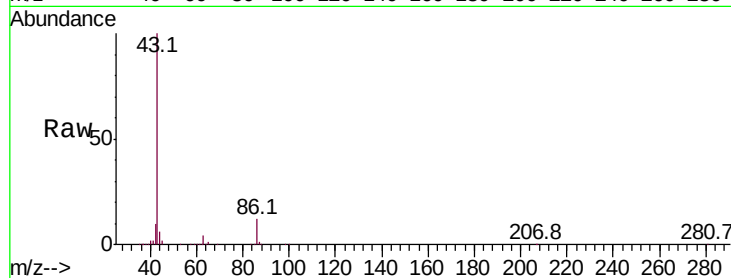
VD0928SBSD01

Tot Ion: 43 Resp: 587796

Ion Ratio Lower Upper

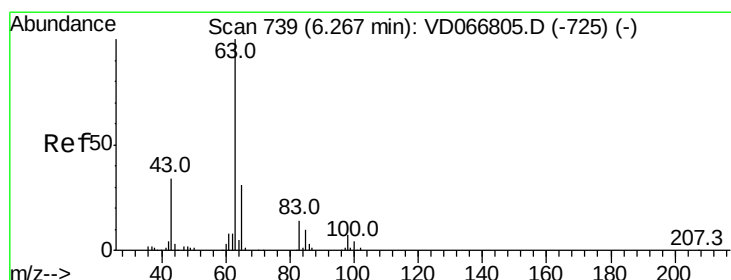
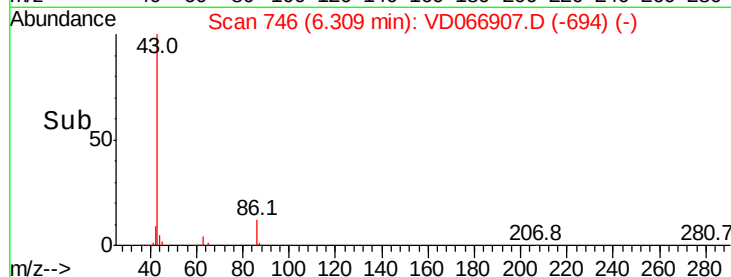
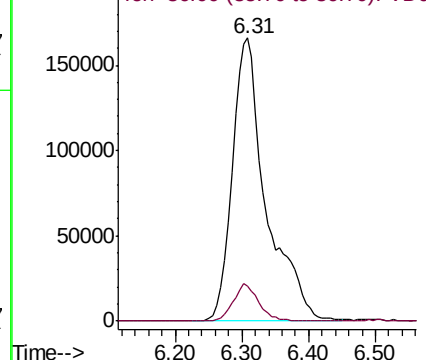
43 100

86 12.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.159 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

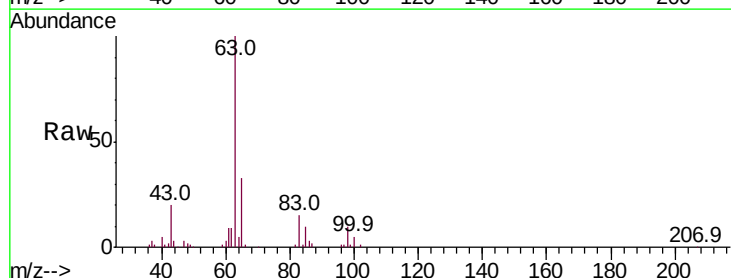
Tgt Ion: 63 Resp: 154133

Ion Ratio Lower Upper

63 100

98 9.8 3.7 11.1

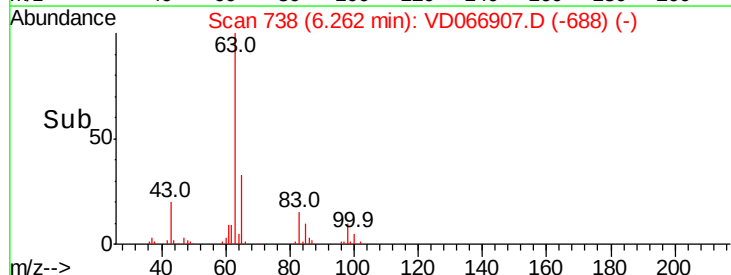
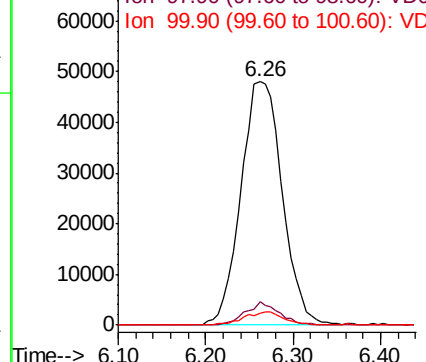
100 4.7 1.8 5.5

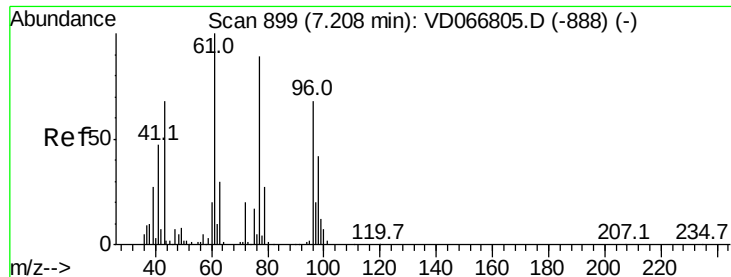


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 97.594 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

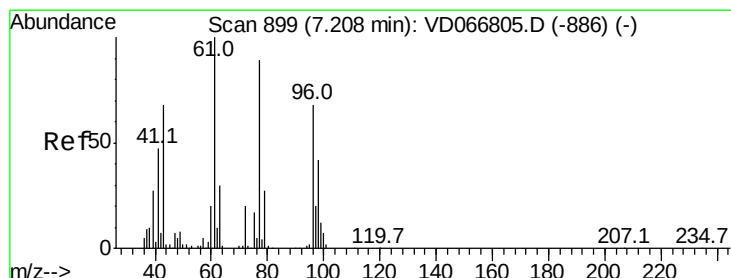
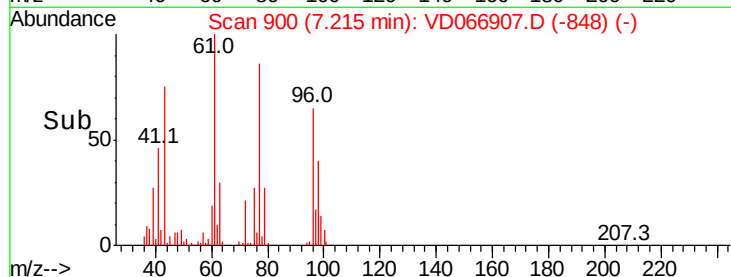
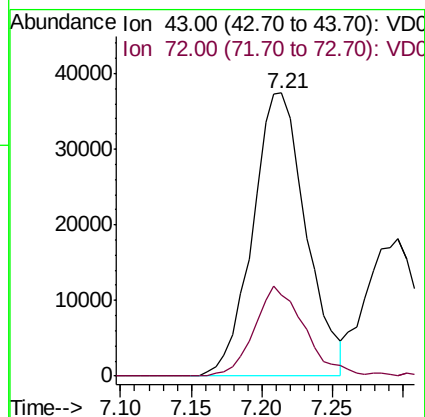
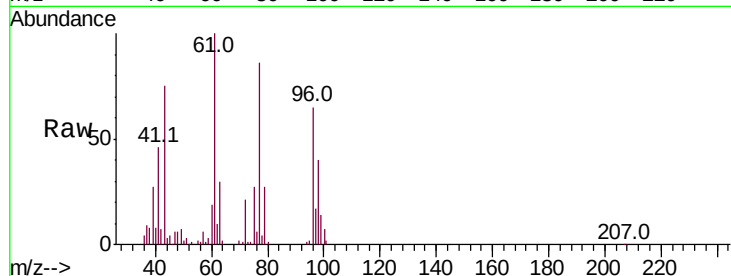
VD0928SBSD01

Tot Ion: 43 Resp: 99047

Ion Ratio Lower Upper

43 100

72 28.7 22.9 34.3



#26

2,2-Dichloropropane

Concen: 19.003 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066907.D

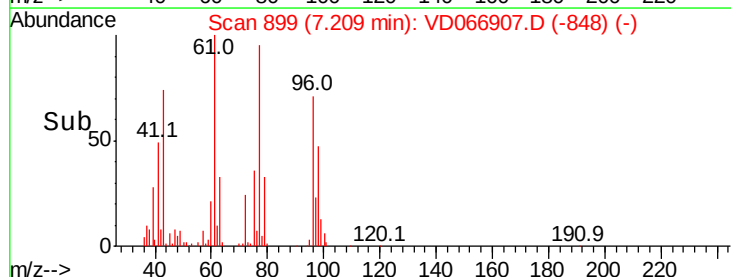
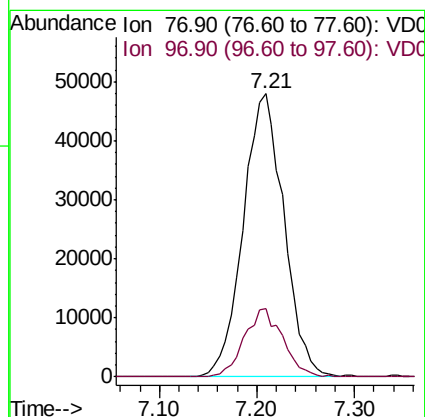
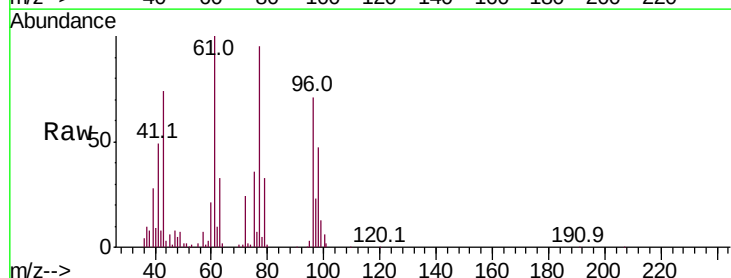
Acq: 28 Sep 2020 12:24

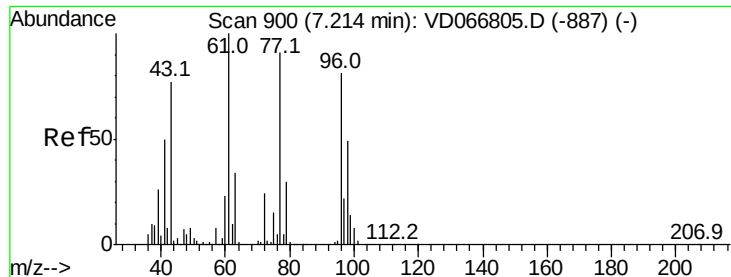
Tgt Ion: 77 Resp: 140116

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 19.649 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBSD01

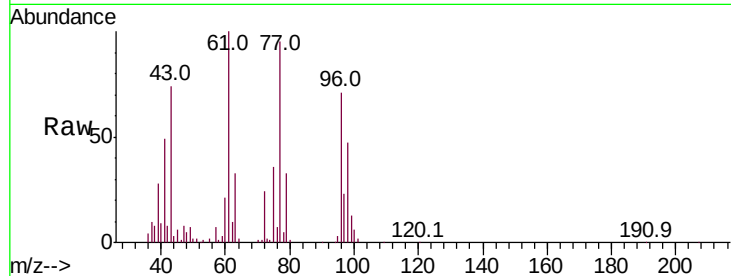
Tot Ion: 96 Resp: 98458

Ion Ratio Lower Upper

96 100

61 143.4 0.0 283.8

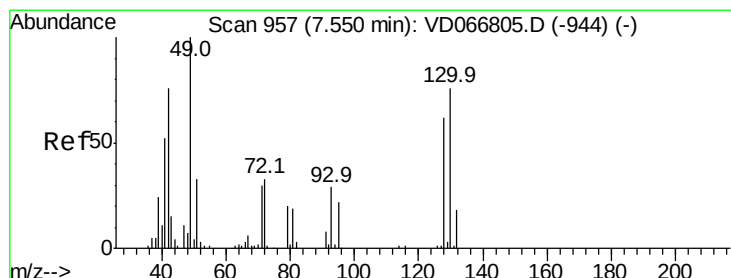
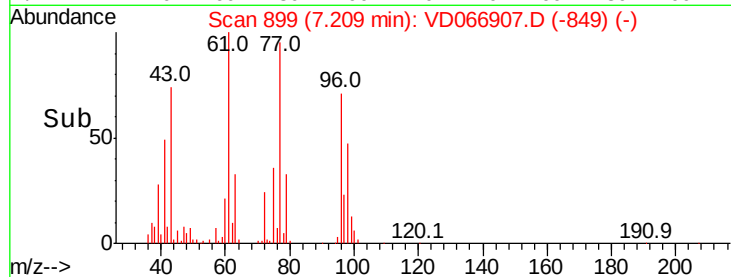
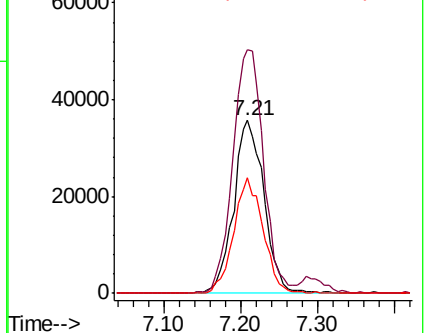
98 64.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 19.120 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

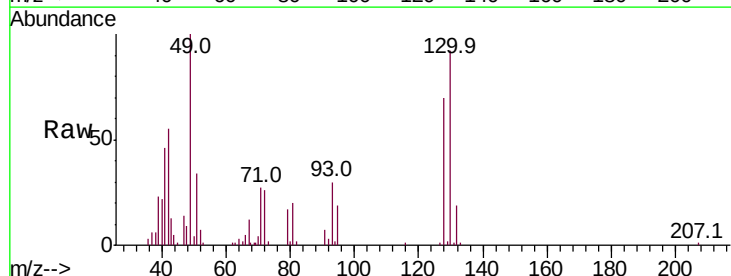
Tgt Ion: 49 Resp: 63544

Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.0

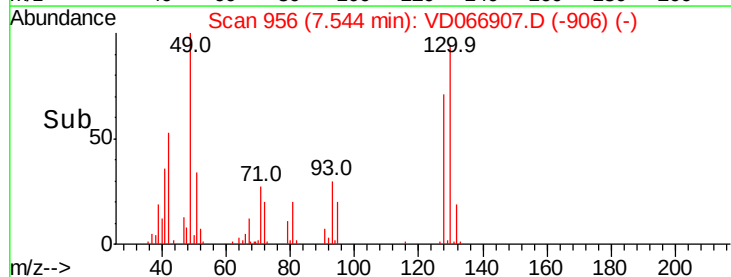
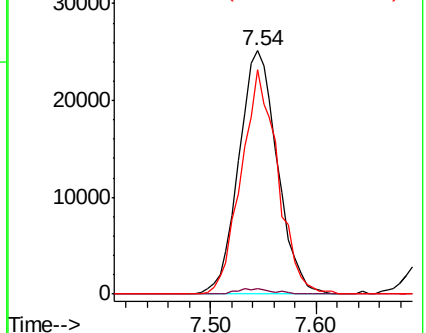
130 87.5 65.9 98.9

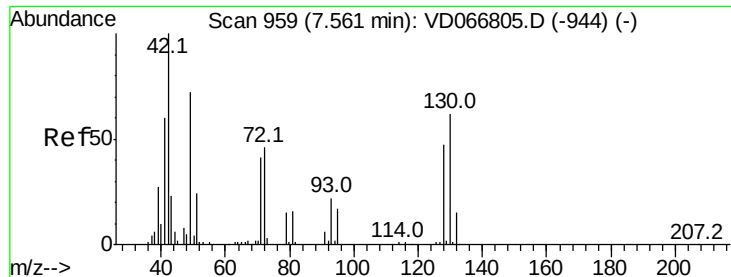


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

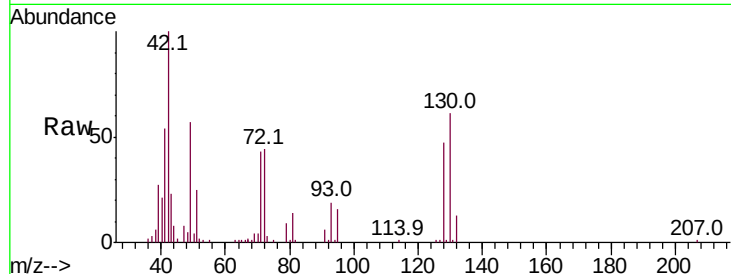




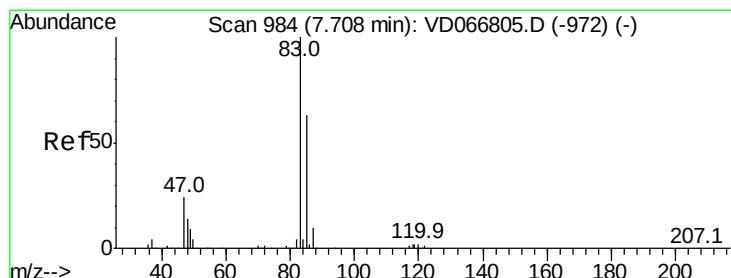
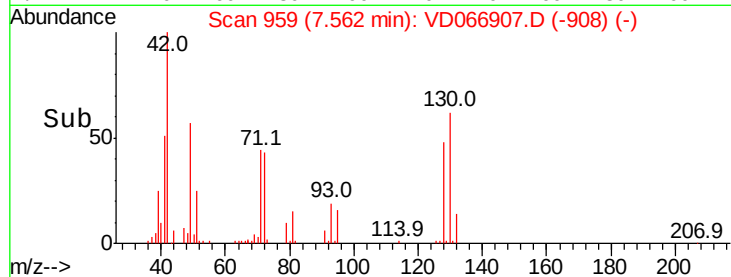
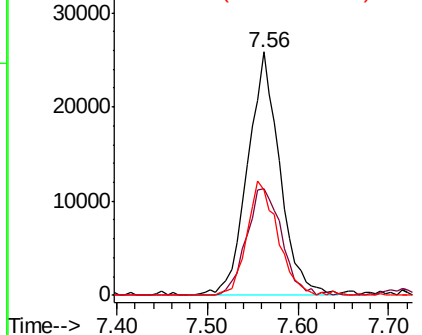
#29
Tetrahydrofuran
Concen: 98.105 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

Tot Ion: 42 Resp: 63797
Ion Ratio Lower Upper
42 100
72 48.3 36.2 54.4
71 44.6 32.4 48.6

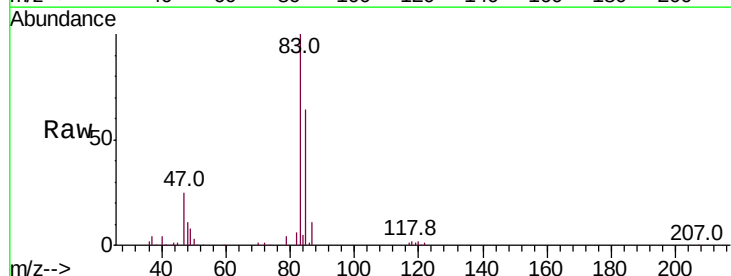


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

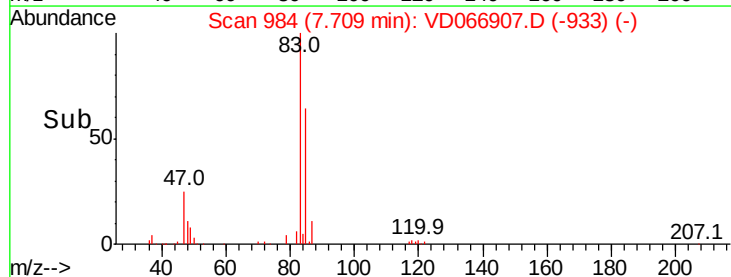
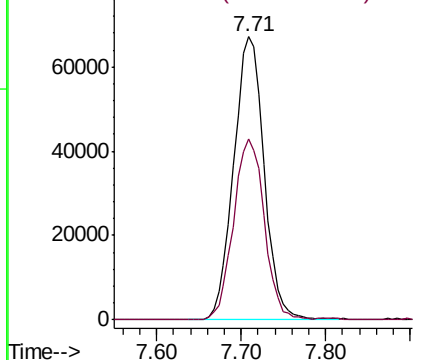


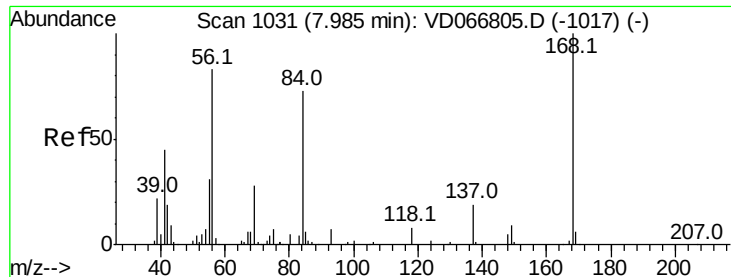
#30
Chloroform
Concen: 19.244 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion: 83 Resp: 166880
Ion Ratio Lower Upper
83 100
85 63.9 50.6 75.8



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

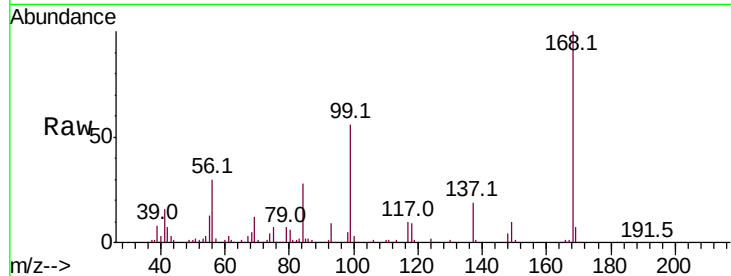




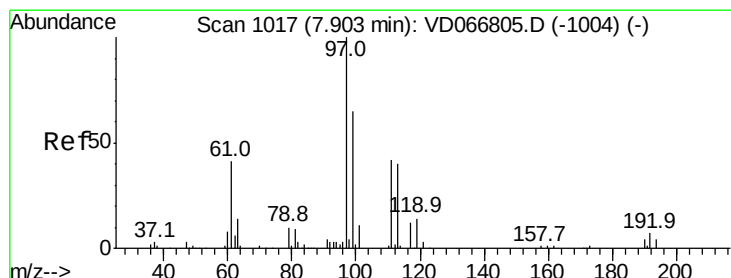
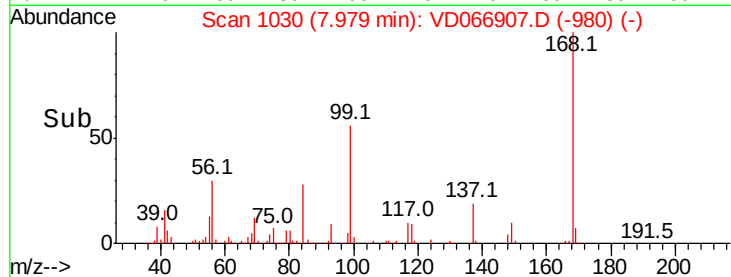
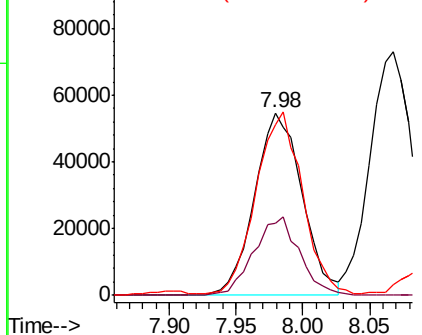
#31
Cyclohexane
Concen: 18.683 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion: 56 Resp: 135237
Ion Ratio Lower Upper
56 100
69 39.7 27.0 40.4
84 92.4 70.2 105.4

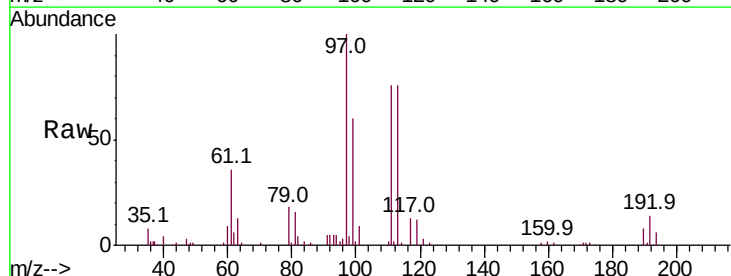


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

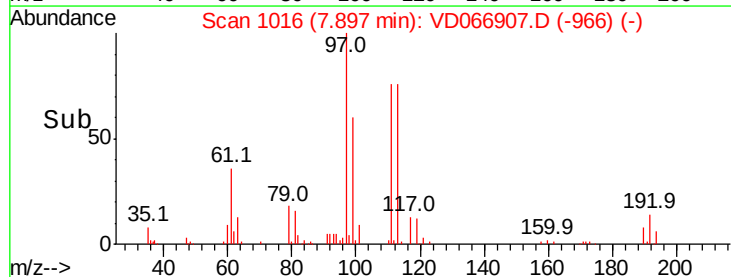
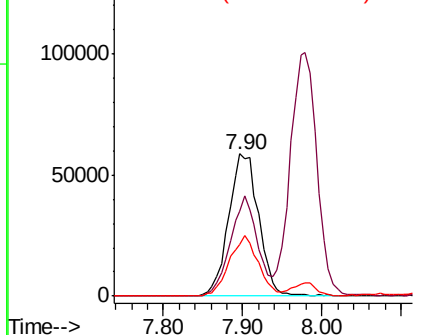


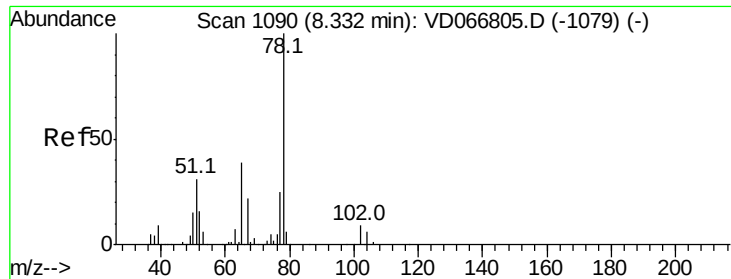
#32
1,1,1-Trichloroethane
Concen: 19.727 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion: 97 Resp: 154747
Ion Ratio Lower Upper
97 100
99 63.8 51.5 77.3
61 40.9 34.2 51.4



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

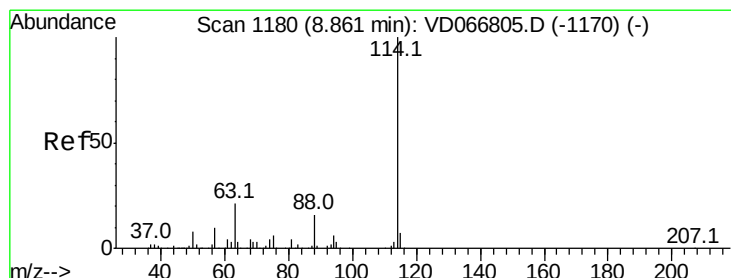
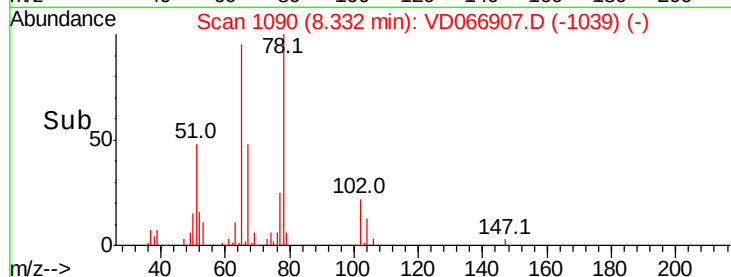
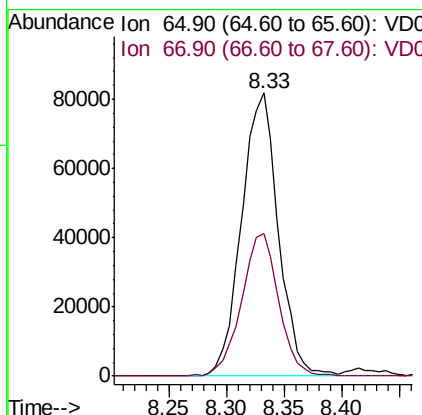
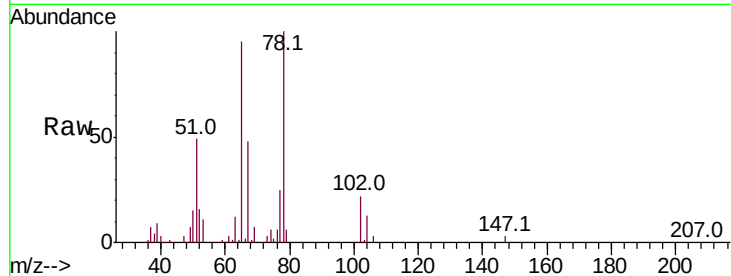




#33
 1,2-Dichloroethane-d4
 Concen: 45.538 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066907.D
 Acq: 28 Sep 2020 12:24

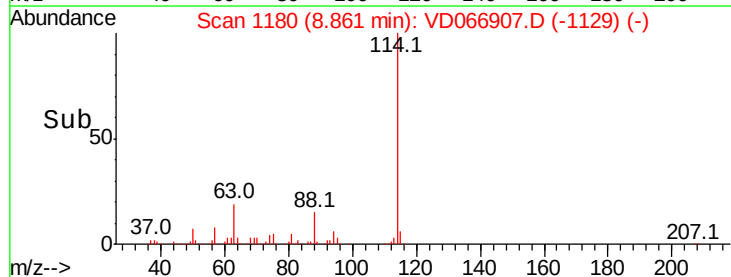
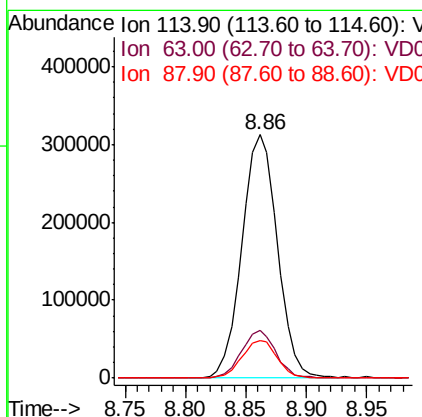
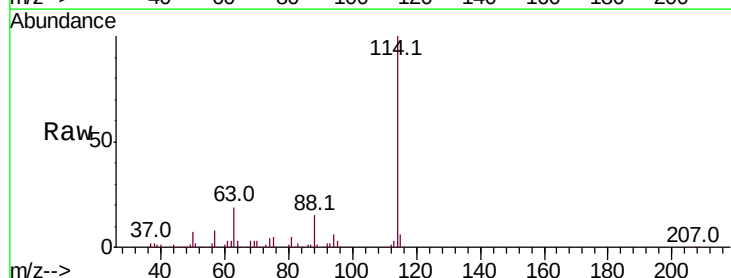
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBSD01

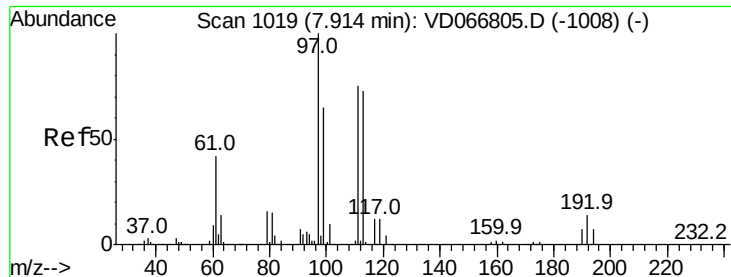
Tot Ion: 65 Resp: 181290
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066907.D
 Acq: 28 Sep 2020 12:24

Tgt Ion: 114 Resp: 641361
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.6
 88 15.3 0.0 32.6

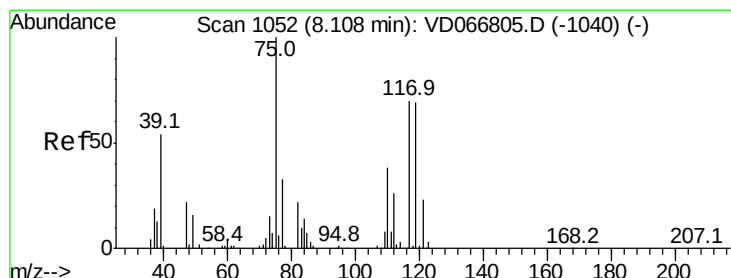
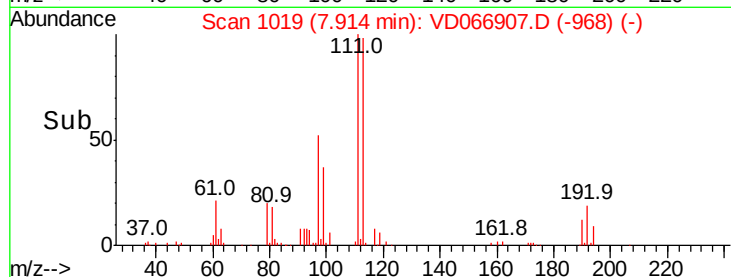
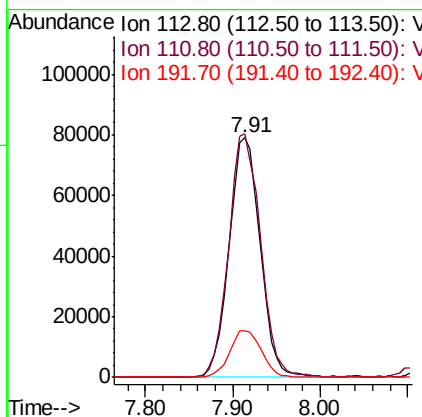
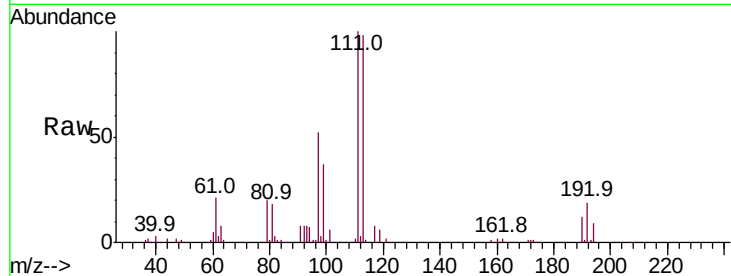




#35
 Dibromofluoromethane
 Concen: 46.844 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066907.D
 Acq: 28 Sep 2020 12:24

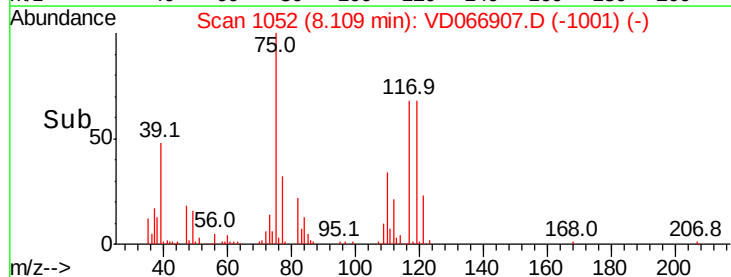
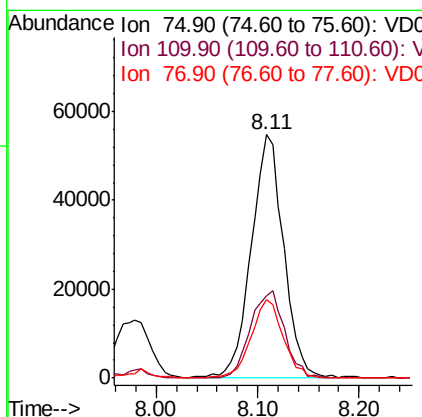
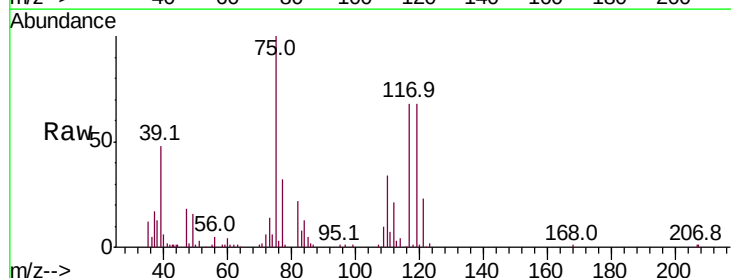
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBSD01

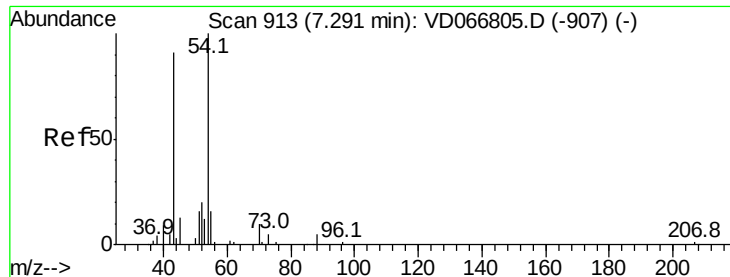
Tot Ion:113 Resp: 191140
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.8 122.8
 192 19.9 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 19.224 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066907.D
 Acq: 28 Sep 2020 12:24

Tgt Ion: 75 Resp: 122316
 Ion Ratio Lower Upper
 75 100
 110 37.6 17.9 53.8
 77 31.7 25.0 37.6





#37

Ethyl Acetate

Concen: 20.748 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

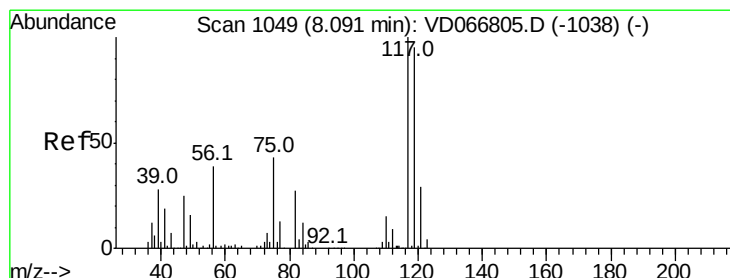
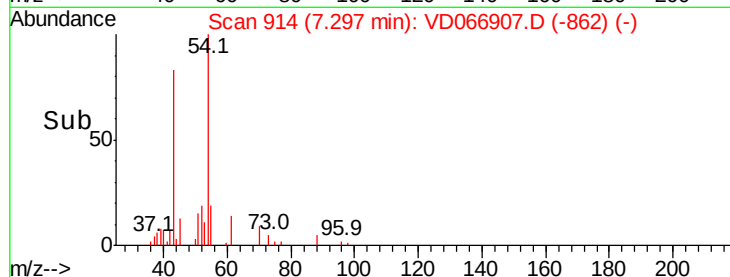
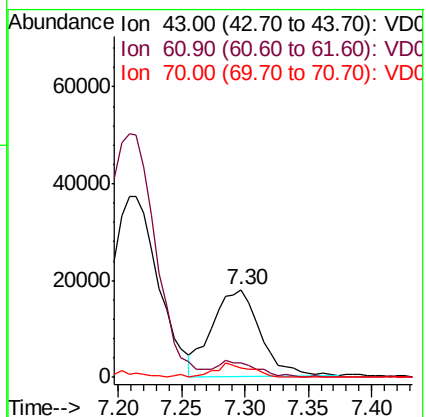
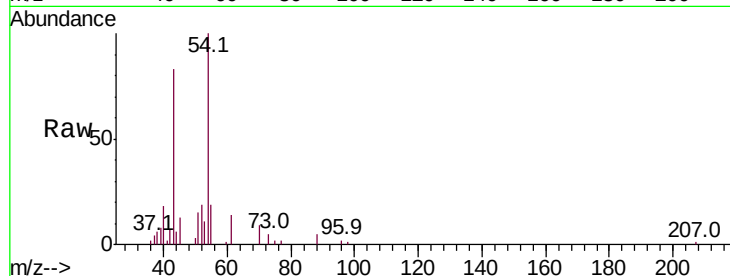
Tot Ion: 43 Resp: 47724

Ion Ratio Lower Upper

43 100

61 14.7 9.8 14.8

70 11.8 8.5 12.7



#38

Carbon Tetrachloride

Concen: 19.749 ug/l

RT: 8.09 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

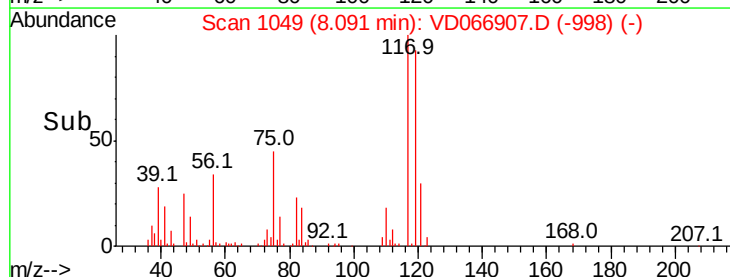
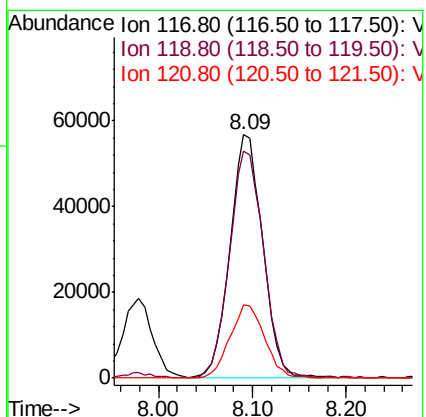
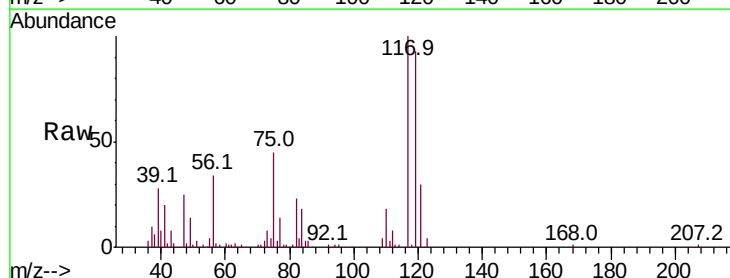
Tgt Ion: 117 Resp: 137382

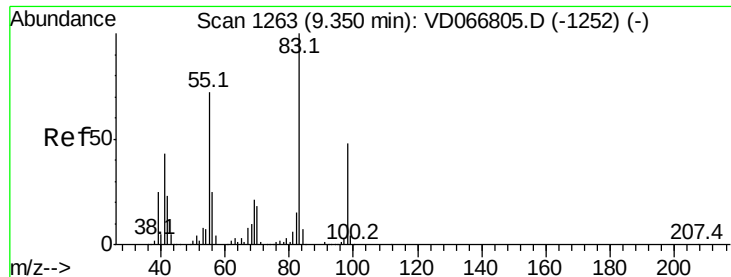
Ion Ratio Lower Upper

117 100

119 93.0 75.8 113.8

121 30.0 23.4 35.0

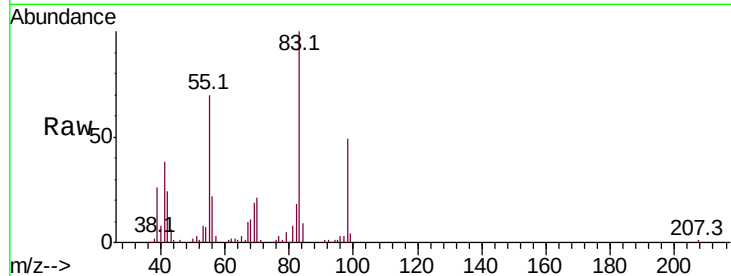




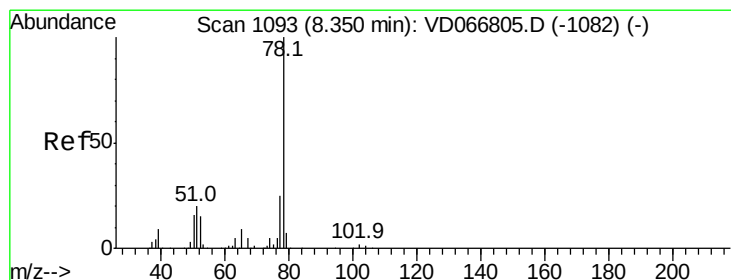
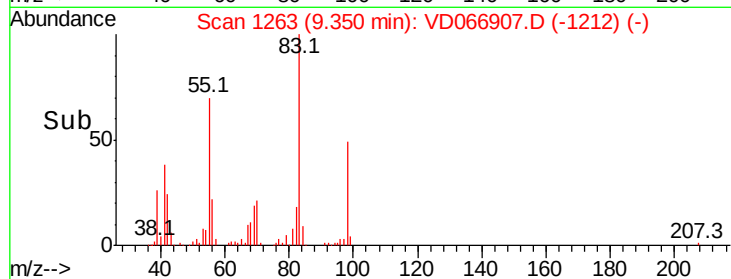
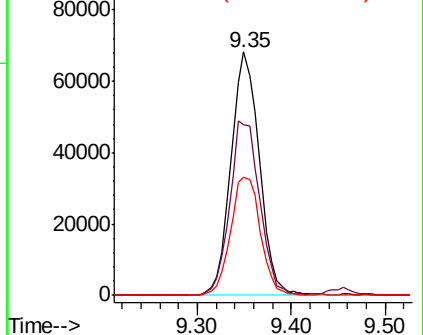
#39
Methylvlcyclohexane
Concen: 19.633 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

Tot Ion: 83 Resp: 143430
Ion Ratio Lower Upper
83 100
55 70.1 57.7 86.5
98 48.7 38.4 57.6

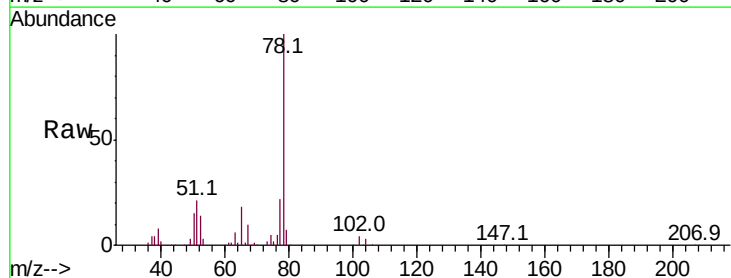


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

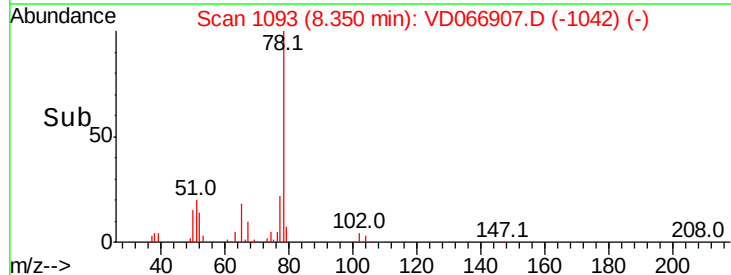
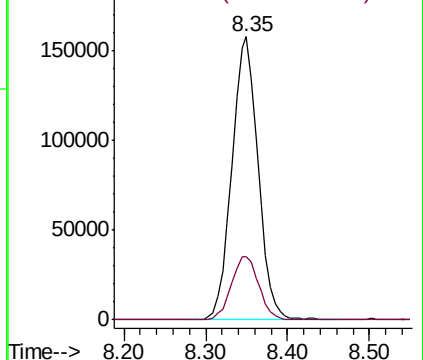


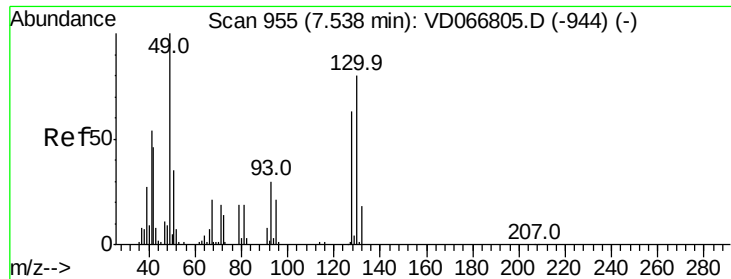
#40
Benzene
Concen: 19.848 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion: 78 Resp: 351968
Ion Ratio Lower Upper
78 100
77 22.2 19.9 29.9



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

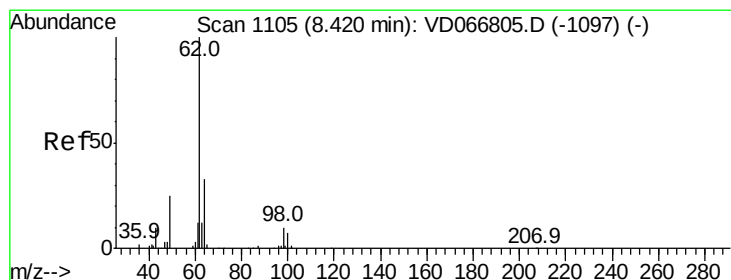
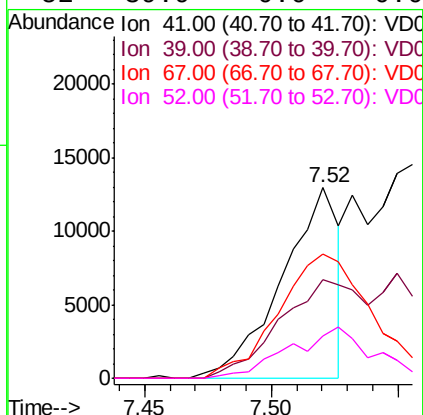
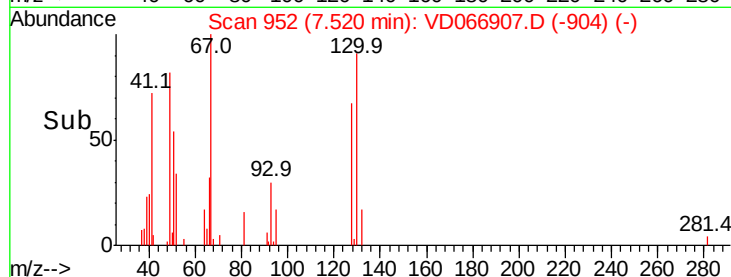
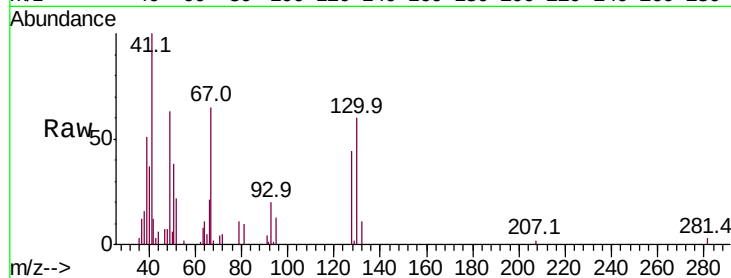




#41
Methacrylonitrile
Concen: 14.405 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

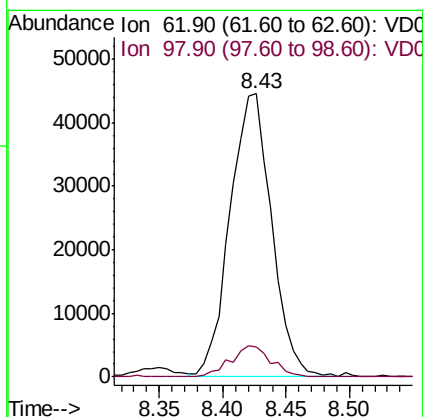
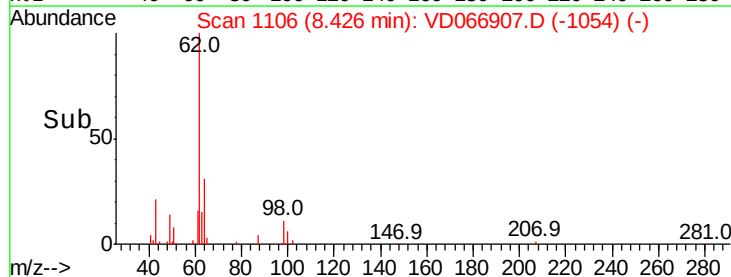
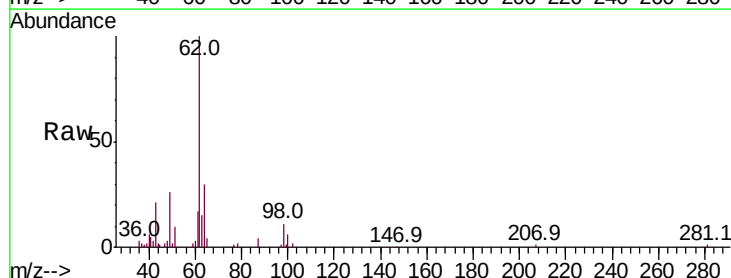
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

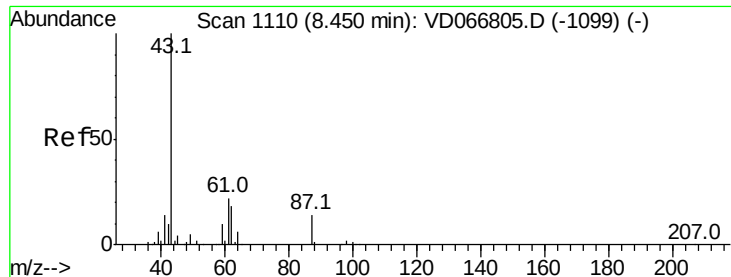
Tot Ion:	41	Resp:	20376
Ion	Ratio	Lower	Upper
41	100		
39	74.6	0.0	0.0#
67	106.6	0.0	0.0#
52	39.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.346 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion:	62	Resp:	101419
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.8





#43

Isopropyl Acetate

Concen: 19.358 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

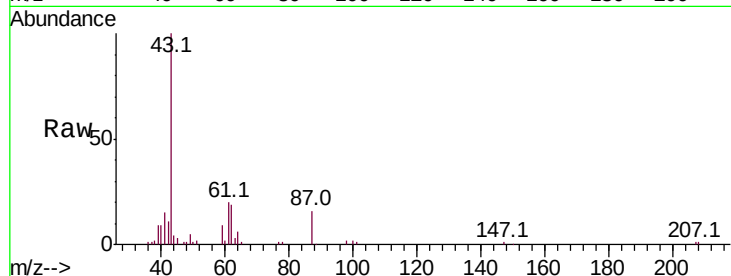
Tot Ion: 43 Resp: 85846

Ion Ratio Lower Upper

43 100

61 34.7 26.2 39.4

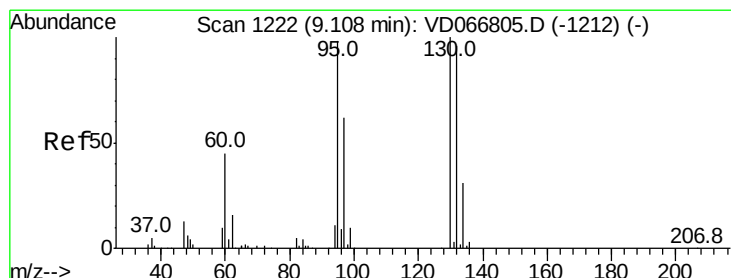
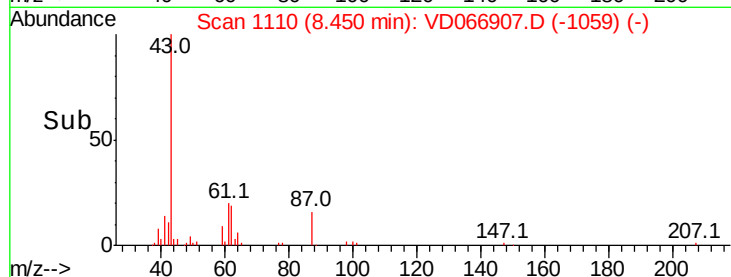
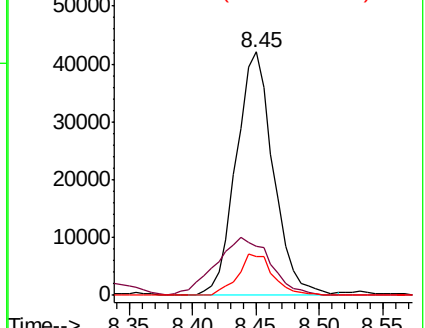
87 16.2 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.805 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066907.D

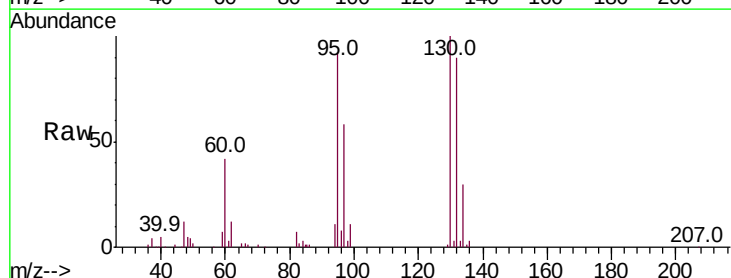
Acq: 28 Sep 2020 12:24

Tgt Ion:130 Resp: 105159

Ion Ratio Lower Upper

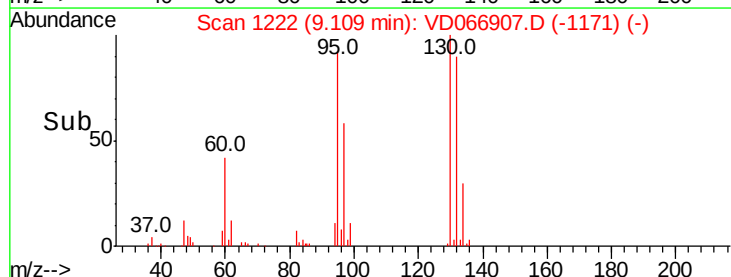
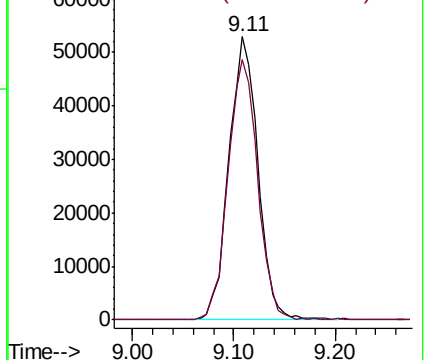
130 100

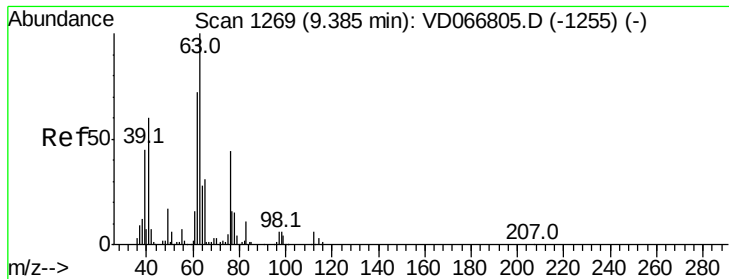
95 92.1 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.939 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

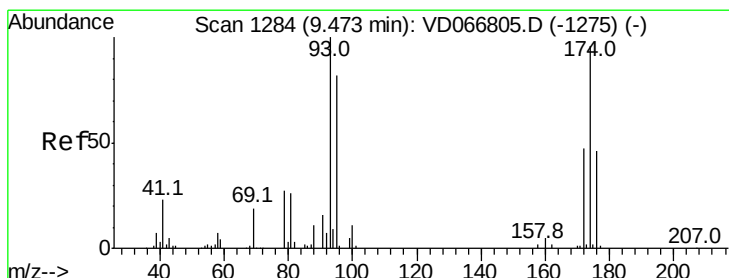
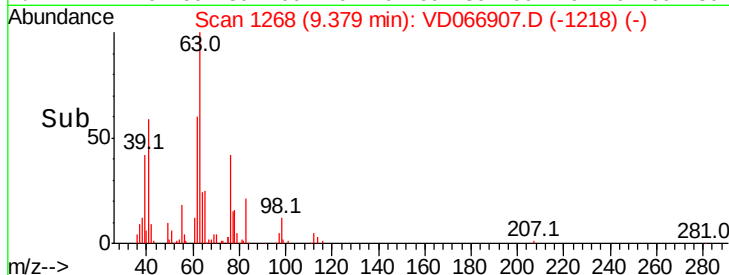
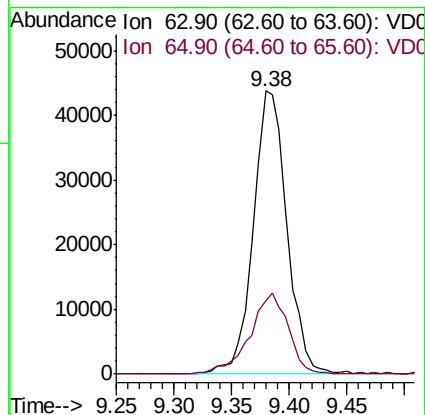
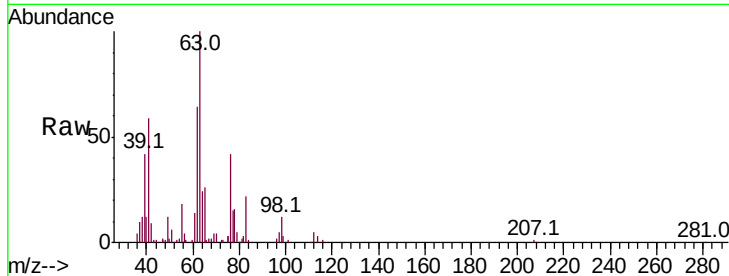
VD0928SBSD01

Tot Ion: 63 Resp: 88960

Ion Ratio Lower Upper

63 100

65 26.1 24.7 37.1



#46

Dibromomethane

Concen: 20.121 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

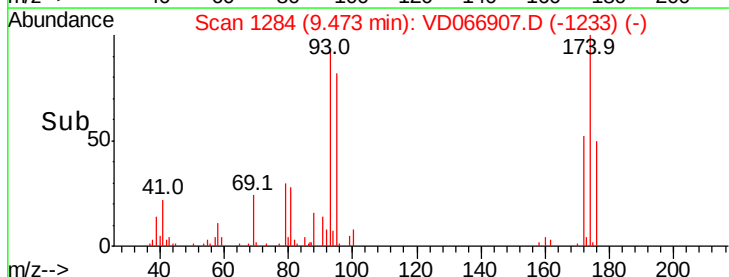
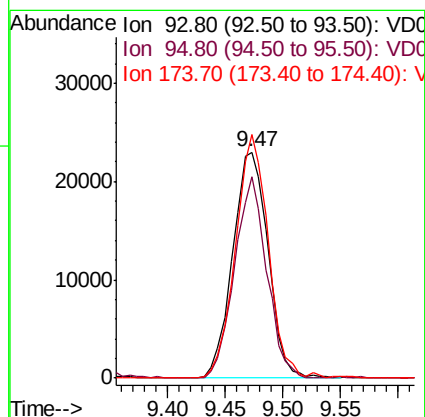
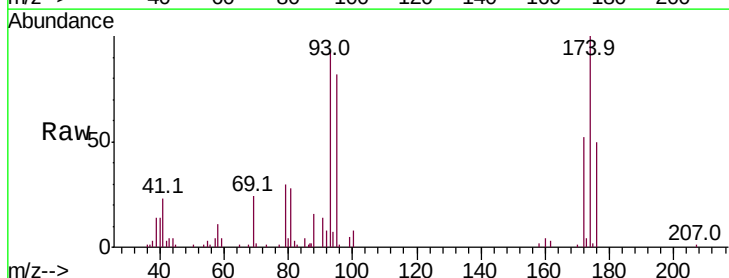
Tgt Ion: 93 Resp: 48776

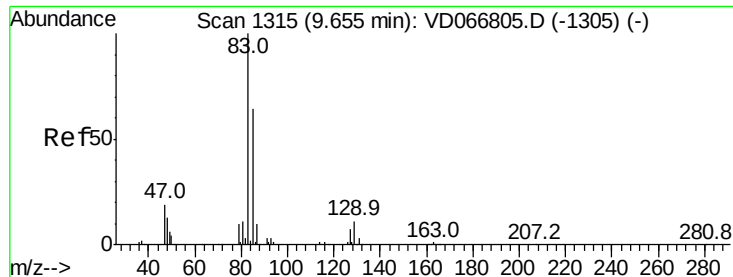
Ion Ratio Lower Upper

93 100

95 81.1 65.3 97.9

174 99.5 75.4 113.2





#47

Bromodichloromethane

Concen: 19.520 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

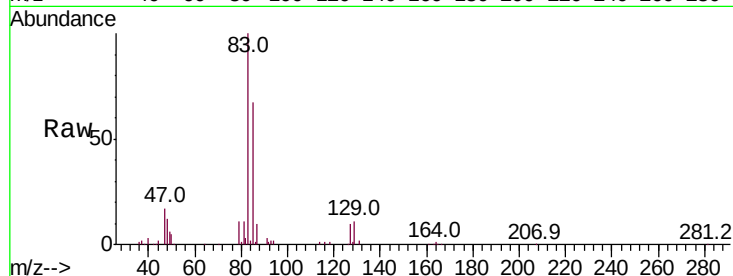
Tot Ion: 83 Resp: 127113

Ion Ratio Lower Upper

83 100

85 67.1 50.9 76.3

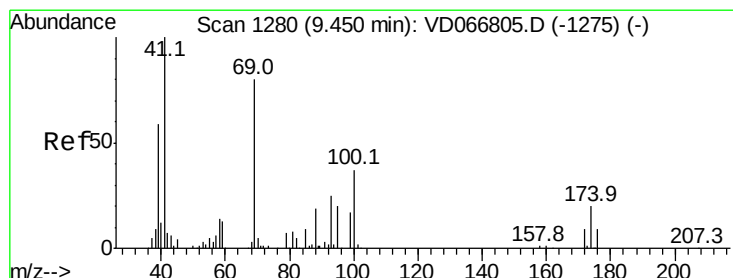
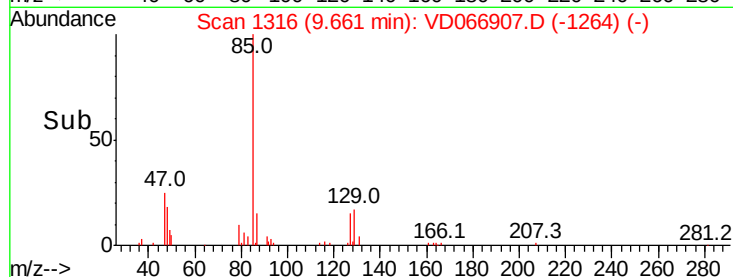
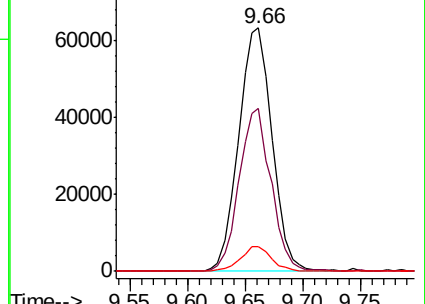
127 9.9 5.9 8.9#



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: 19.390 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

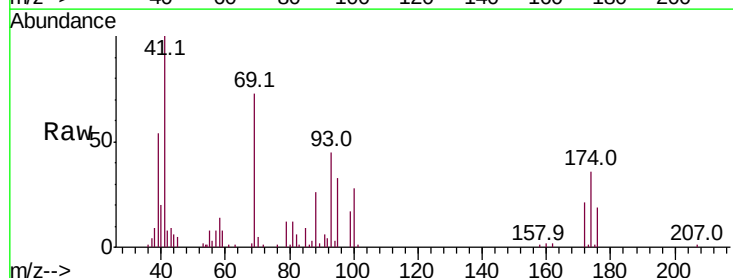
Tgt Ion: 41 Resp: 42397

Ion Ratio Lower Upper

41 100

69 92.3 74.5 111.7

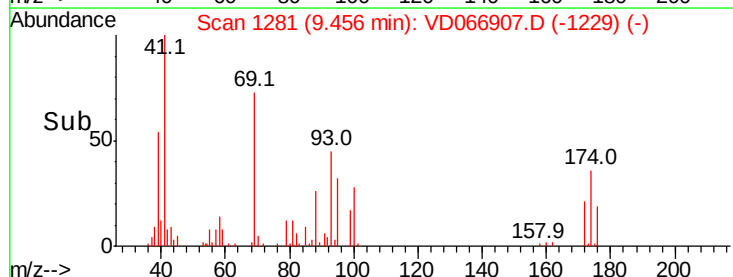
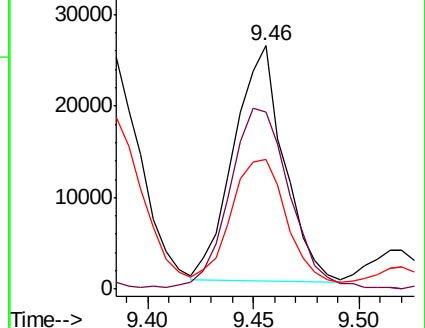
39 57.2 47.0 70.6

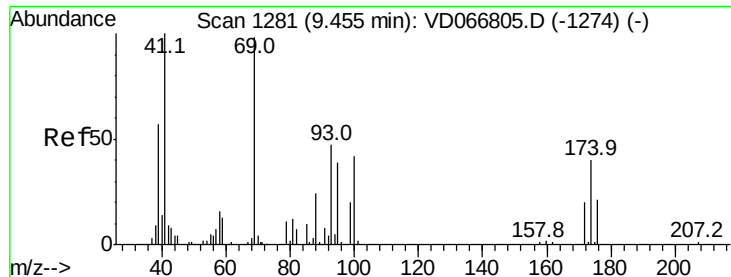


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

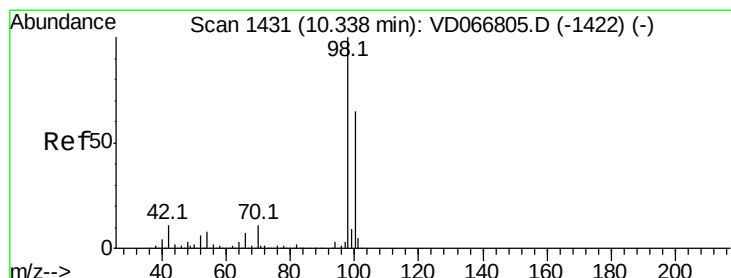
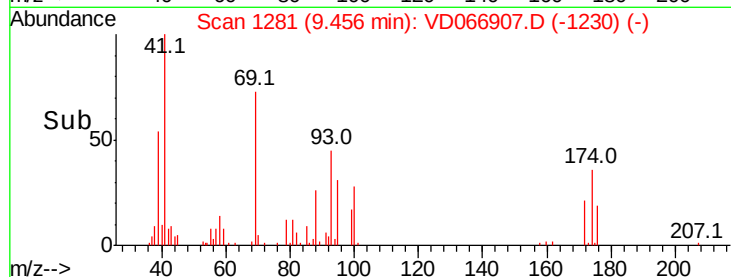
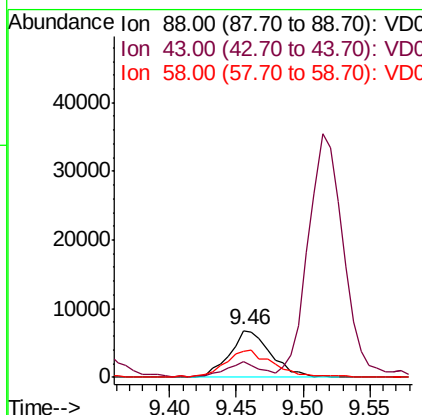
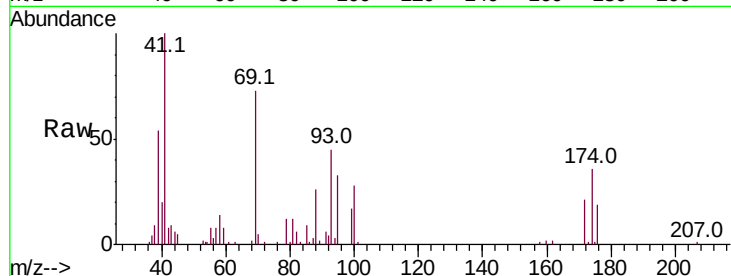




#49
 1,4-Dioxane
 Concen: 467.096 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VD066907.D
 Acq: 28 Sep 2020 12:24

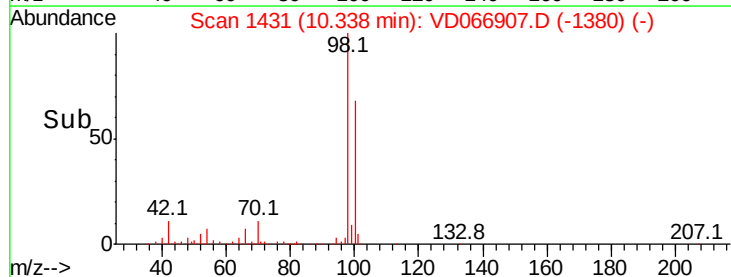
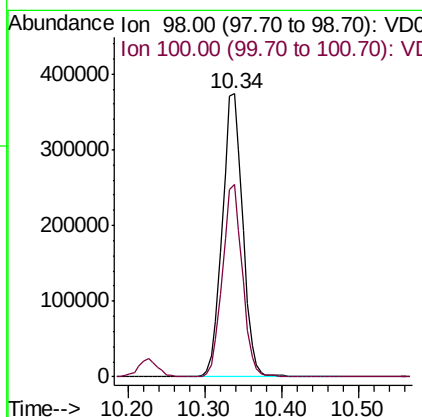
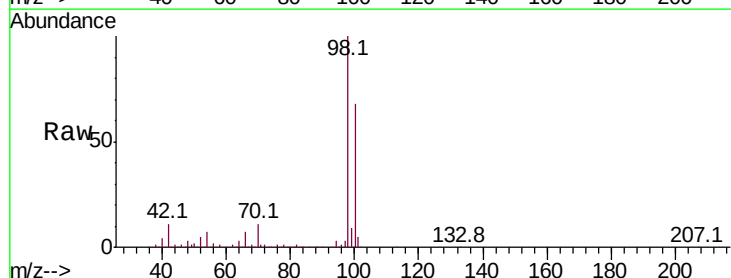
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBSD01

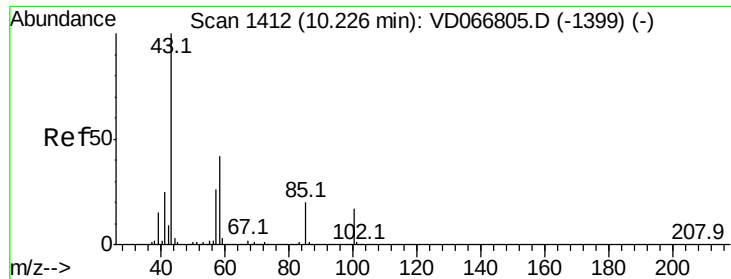
Tot Ion: 88 Resp: 14361
 Ion Ratio Lower Upper
 88 100
 43 28.9 27.7 41.5
 58 68.3 55.5 83.3



#50
 Toluene-d8
 Concen: 49.761 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066907.D
 Acq: 28 Sep 2020 12:24

Tgt Ion: 98 Resp: 691793
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 101.536 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

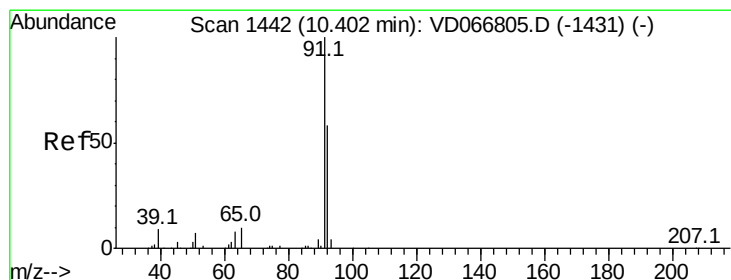
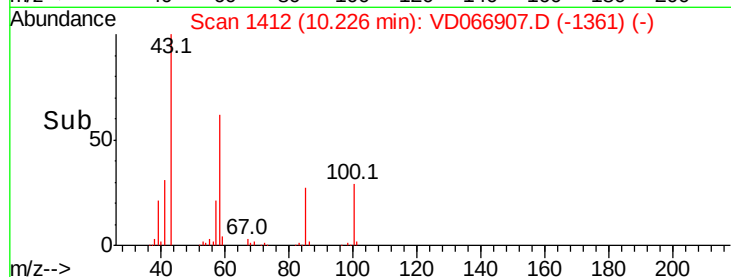
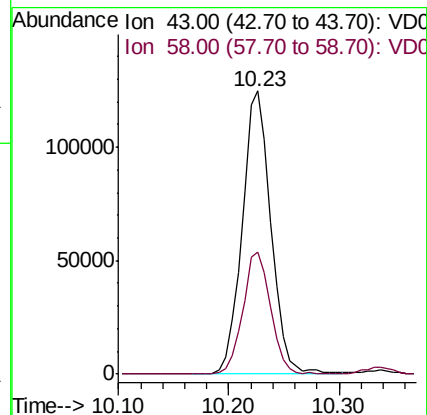
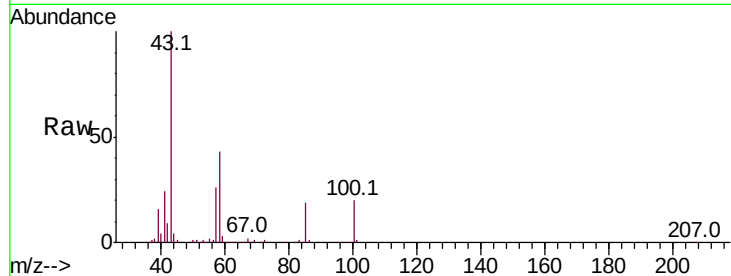
VD0928SBS01

Tot Ion: 43 Resp: 228160

Ion Ratio Lower Upper

43 100

58 41.9 32.2 48.4



#52

Toluene

Concen: 20.455 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066907.D

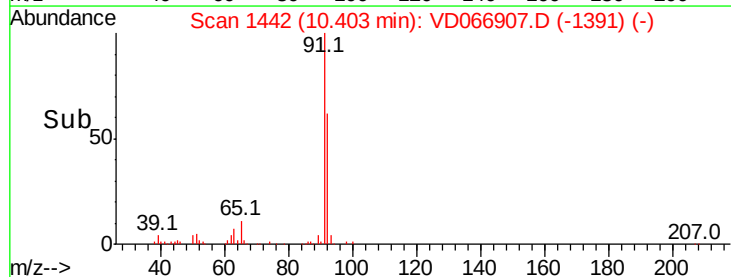
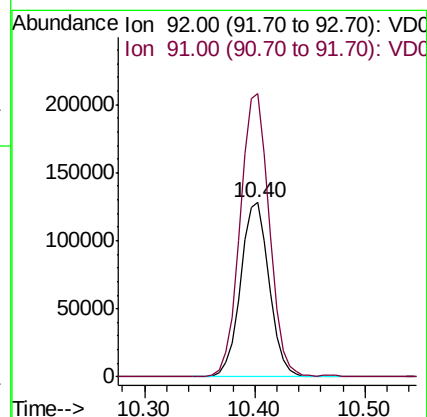
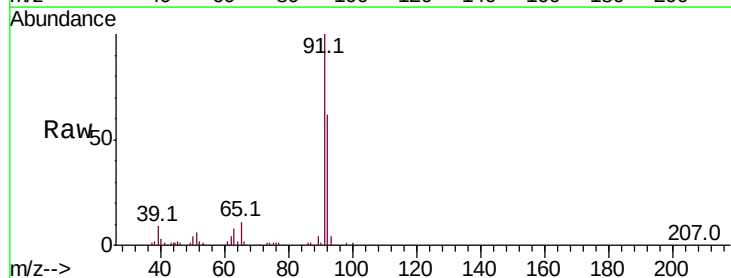
Acq: 28 Sep 2020 12:24

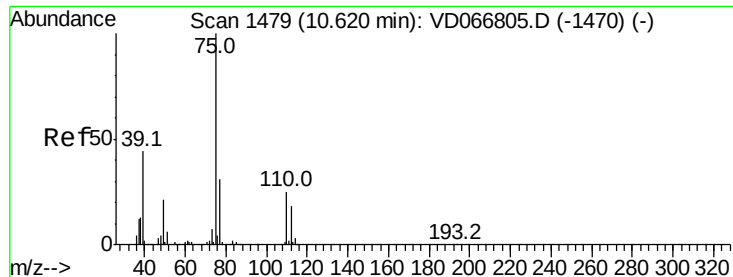
Tgt Ion: 92 Resp: 233642

Ion Ratio Lower Upper

92 100

91 166.0 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 20.078 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

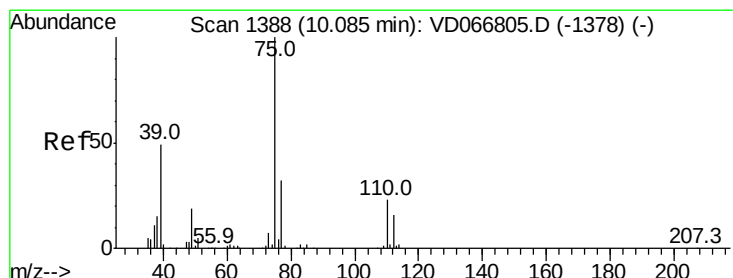
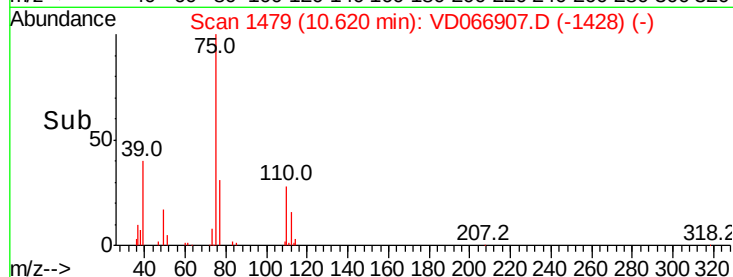
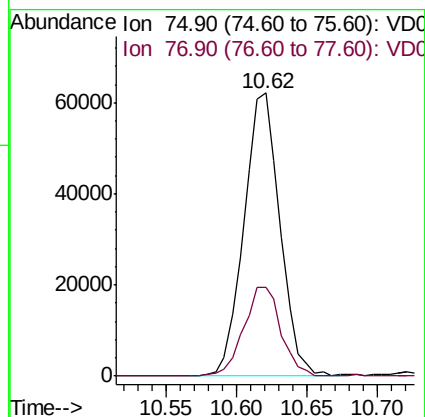
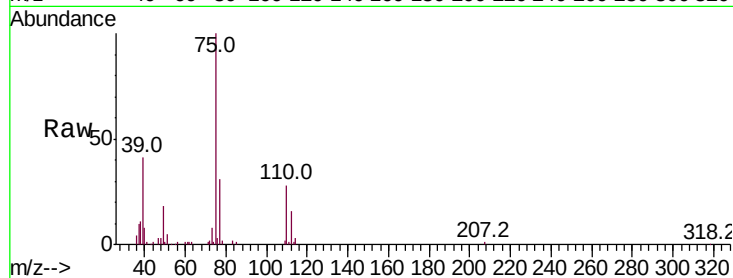
VD0928SBS01

Tot Ion: 75 Resp: 111284

Ion Ratio Lower Upper

75 100

77 31.3 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 20.143 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

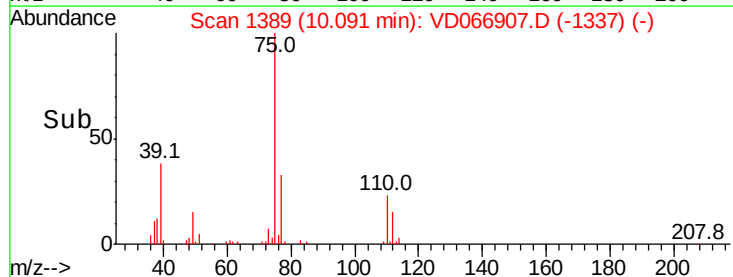
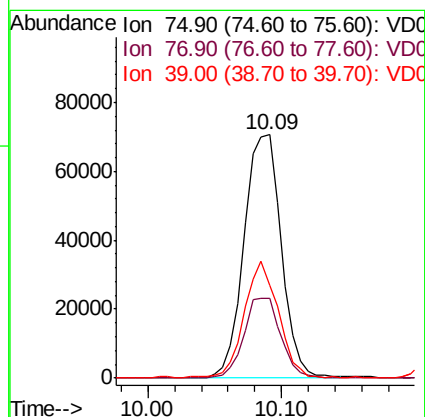
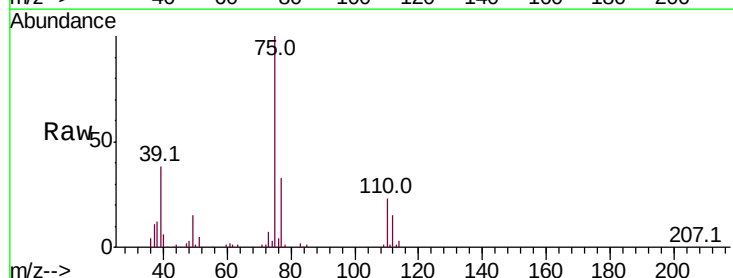
Tgt Ion: 75 Resp: 136130

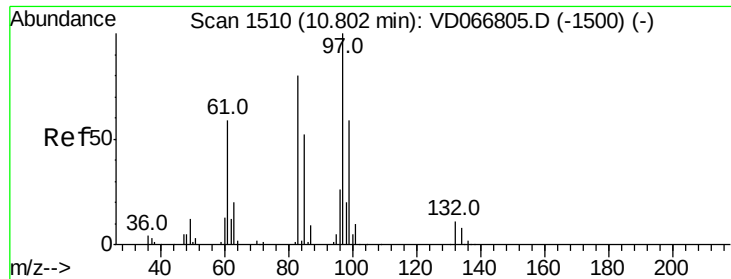
Ion Ratio Lower Upper

75 100

77 32.8 25.6 38.4

39 37.6 39.2 58.8#

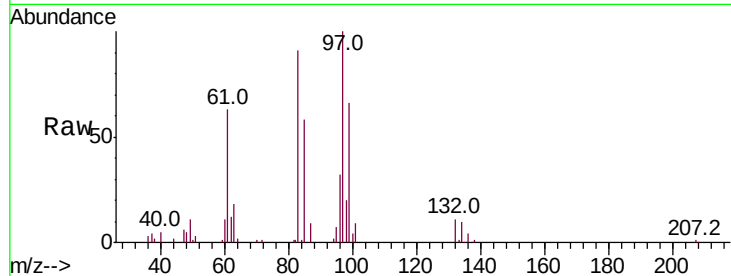




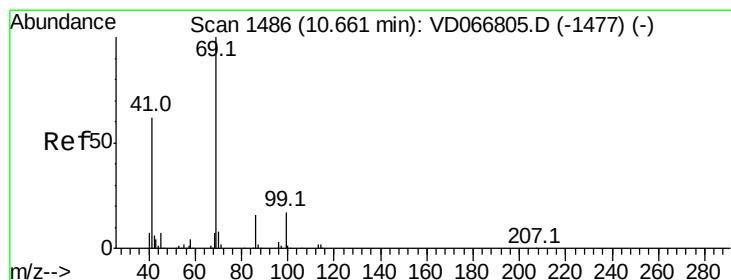
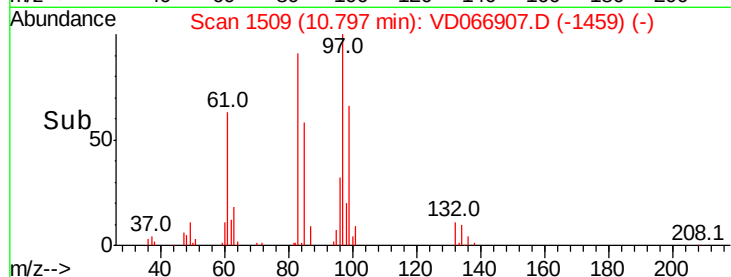
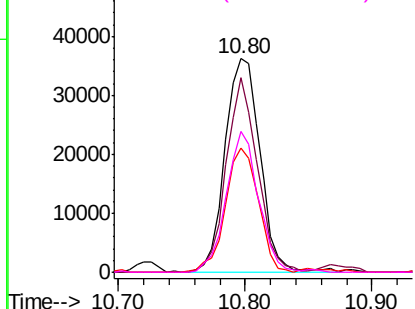
#55
 1,1,2-Trichloroethane
 Concen: 20.791 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066907.D
 Acq: 28 Sep 2020 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBSD01

Tot Ion: 97 Resp: 69284
 Ion Ratio Lower Upper
 97 100
 83 91.4 64.2 96.2
 85 57.4 41.9 62.9
 99 66.1 47.5 71.3

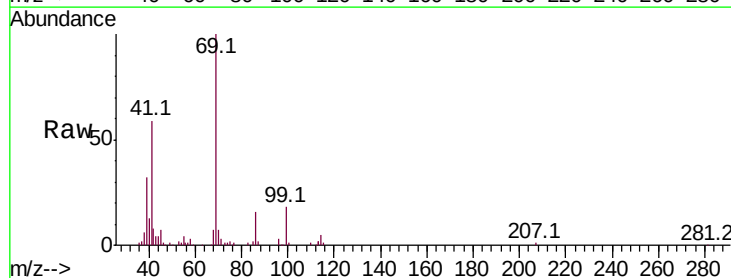


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

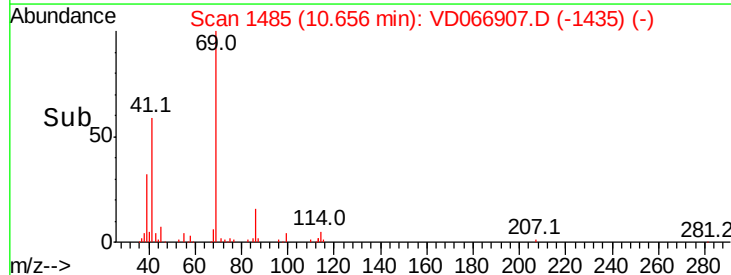
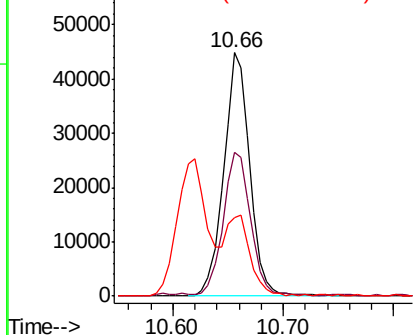


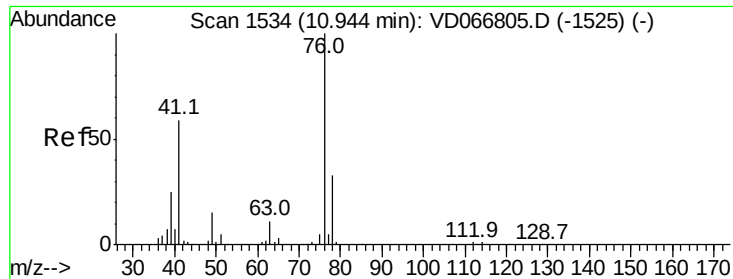
#56
 Ethyl methacrylate
 Concen: 20.656 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066907.D
 Acq: 28 Sep 2020 12:24

Tgt Ion: 69 Resp: 73741
 Ion Ratio Lower Upper
 69 100
 41 62.9 52.2 78.2
 39 30.0 26.6 40.0



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: 20.585 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

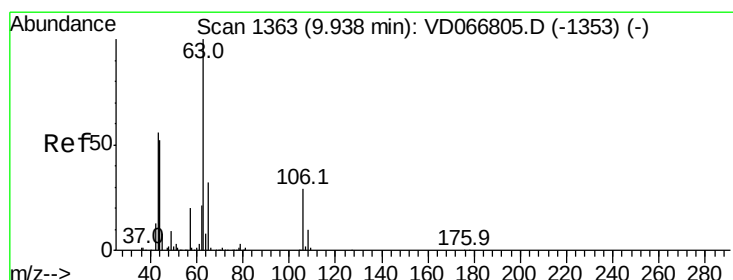
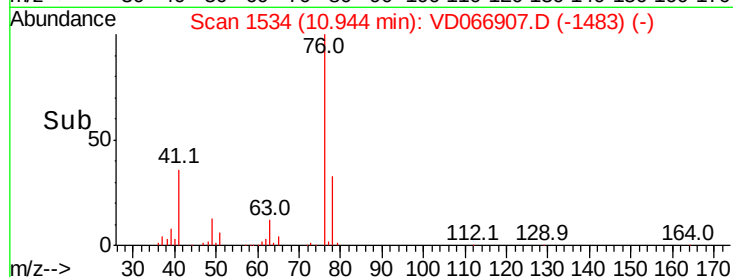
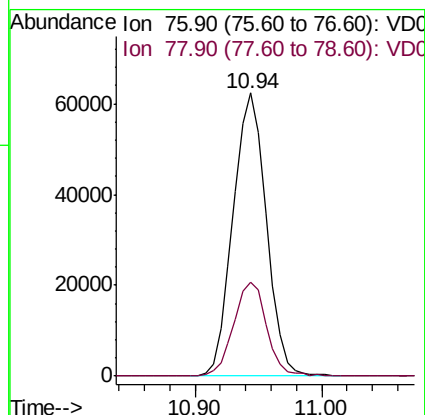
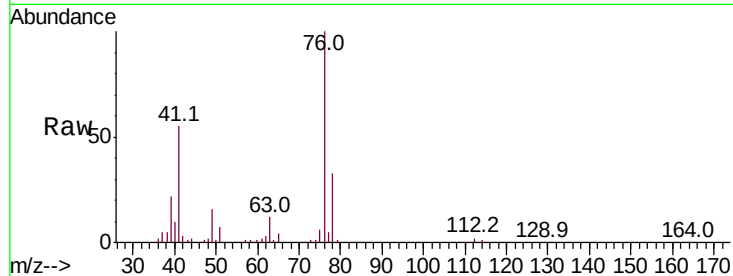
Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

Tot Ion: 76 Resp: 113272

Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.3	39.5



#58

2-Chloroethyl Vinyl ether

Concen: 125.732 ug/l

RT: 9.94 min Scan# 1363

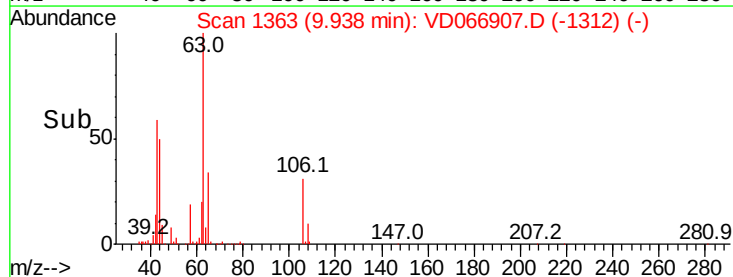
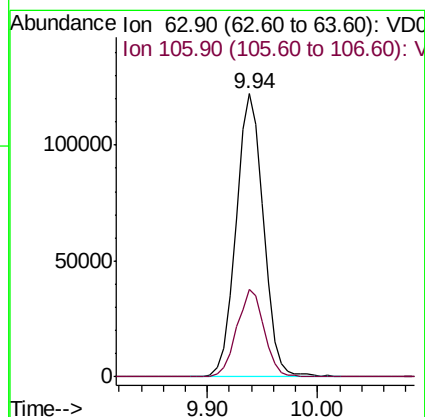
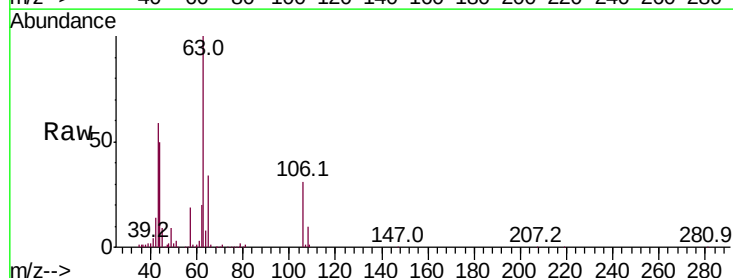
Delta R.T. 0.00 min

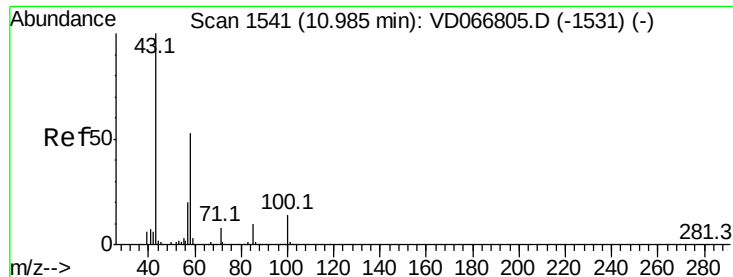
Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Tgt Ion: 63 Resp: 212536

Ion	Ratio	Lower	Upper
63	100		
106	30.8	23.8	35.6

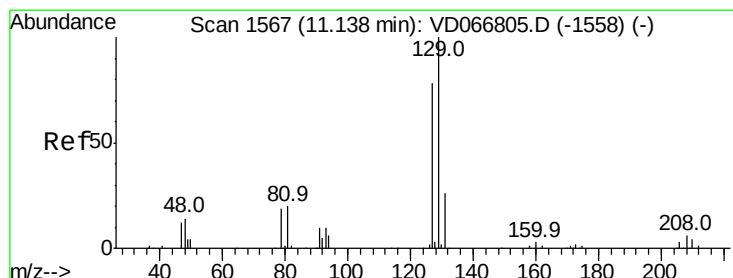
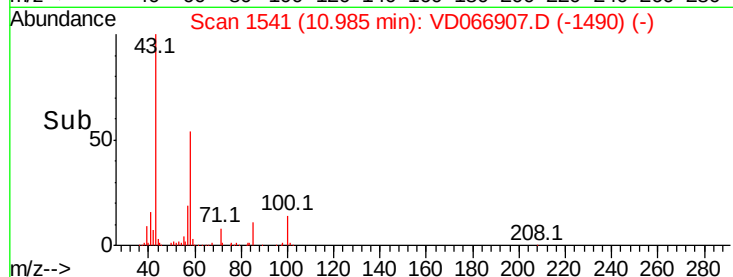
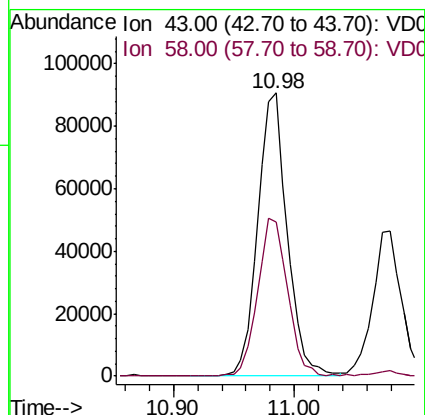
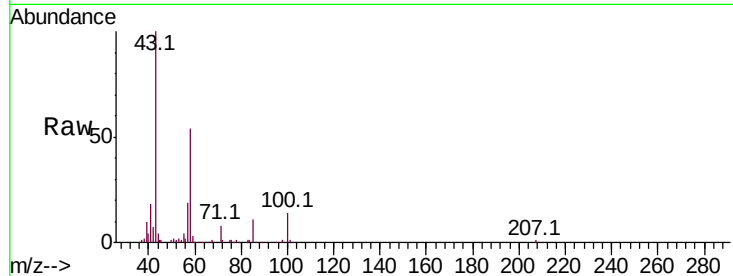




#59
2-Hexanone
Concen: 101.424 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

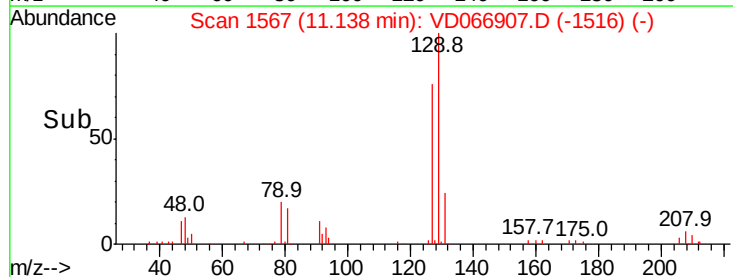
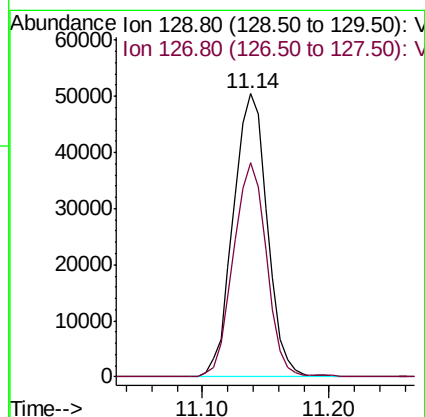
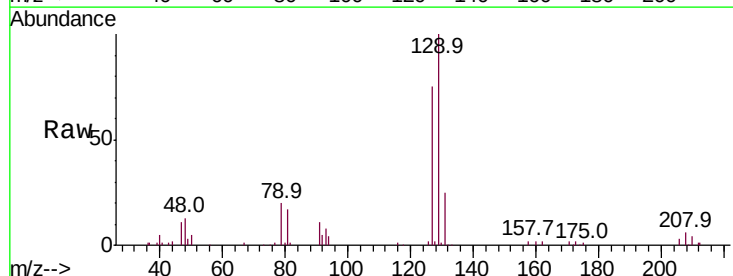
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

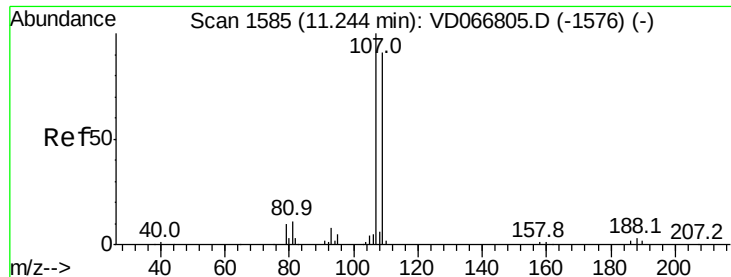
Tot Ion: 43 Resp: 153695
Ion Ratio Lower Upper
43 100
58 56.6 27.0 80.8



#60
Dibromochloromethane
Concen: 21.547 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion:129 Resp: 93717
Ion Ratio Lower Upper
129 100
127 73.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.131 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

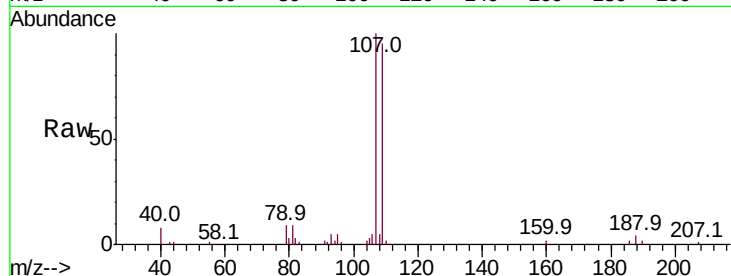
VD0928SBSD01

Tot Ion:107 Resp: 65499

Ion Ratio Lower Upper

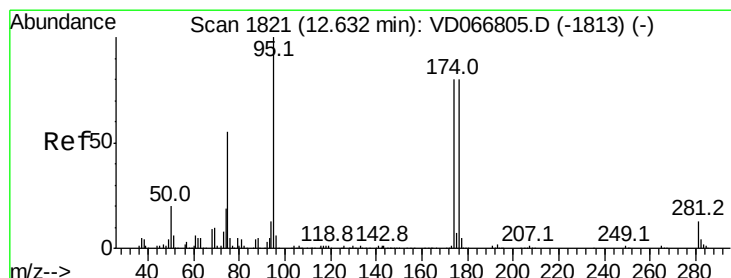
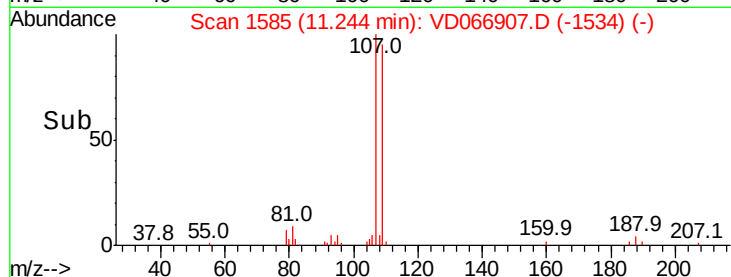
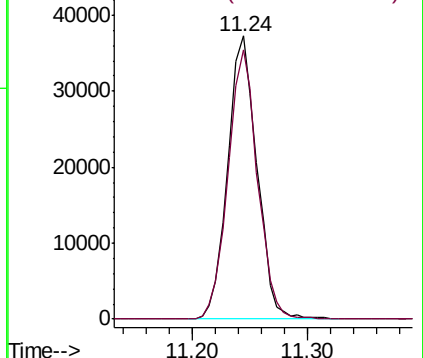
107 100

109 95.8 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.493 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

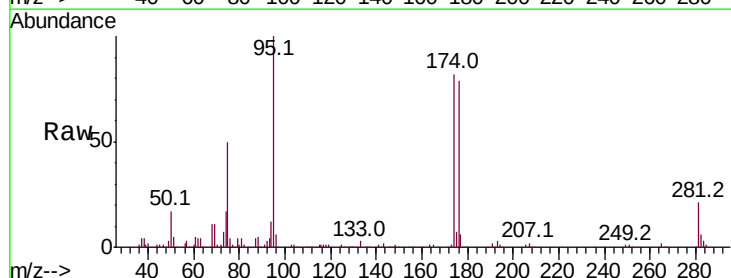
Tgt Ion: 95 Resp: 245068

Ion Ratio Lower Upper

95 100

174 81.9 0.0 159.8

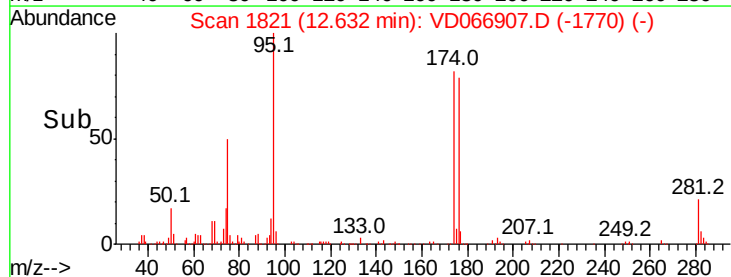
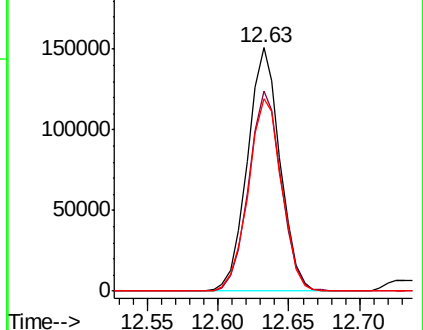
176 80.6 0.0 154.4

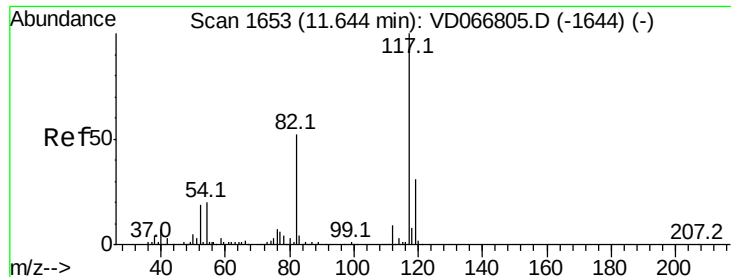


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

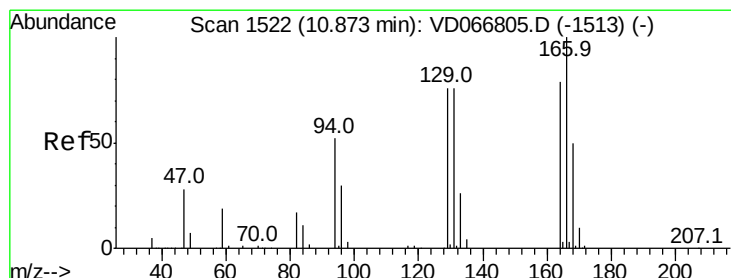
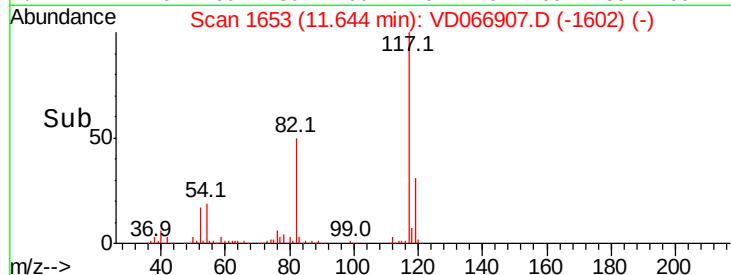
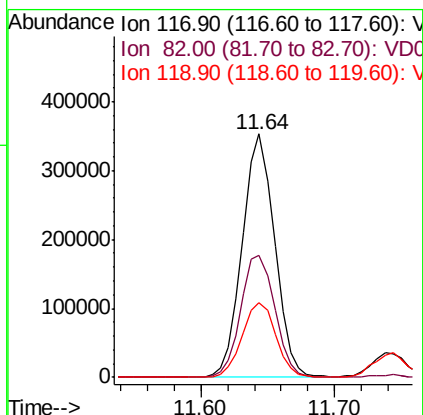
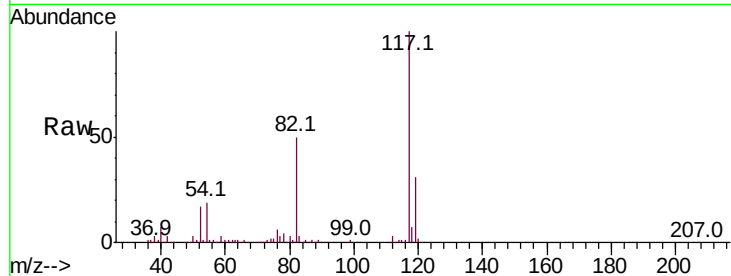




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

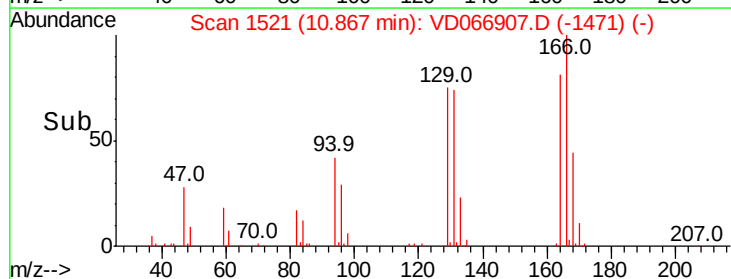
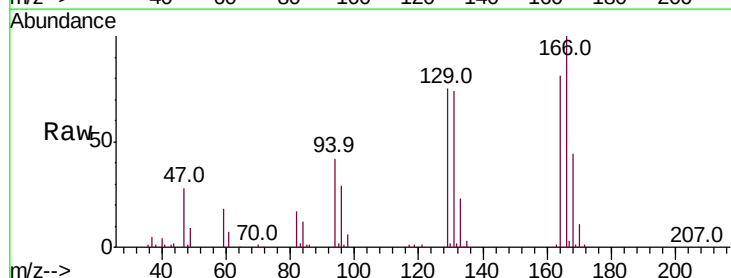
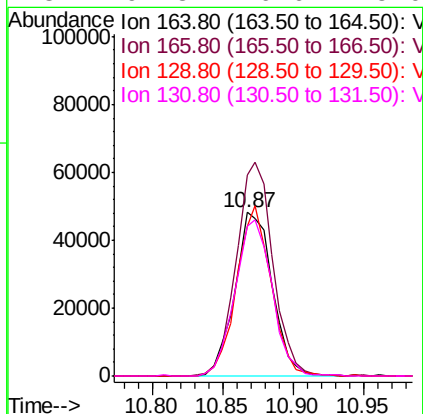
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

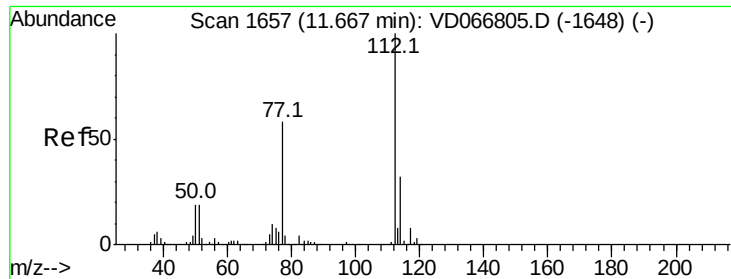
Tot Ion:117 Resp: 593211
Ion Ratio Lower Upper
117 100
82 50.0 41.8 62.6
119 30.8 24.6 37.0



#64
Tetrachloroethene
Concen: 20.949 ug/l
RT: 10.87 min Scan# 1521
Delta R.T. -0.01 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion:164 Resp: 89391
Ion Ratio Lower Upper
164 100
166 123.1 101.1 151.7
129 91.9 77.0 115.4
131 91.3 76.6 115.0

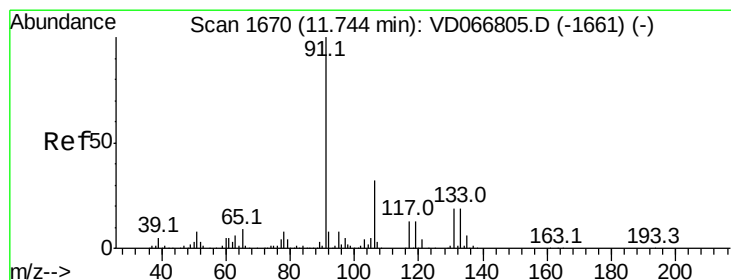
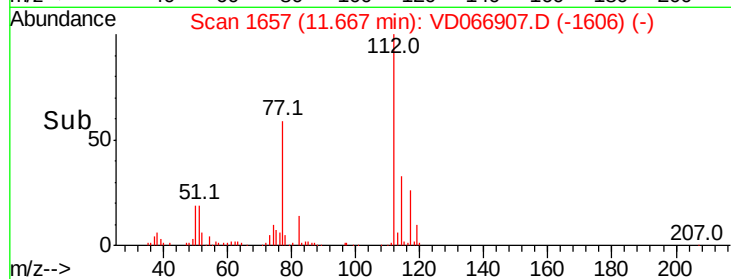
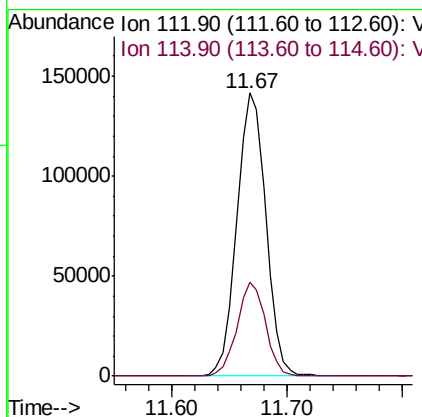
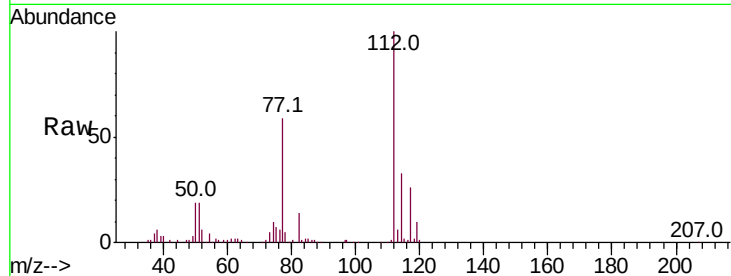




#65
Chlorobenzene
Concen: 19.942 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

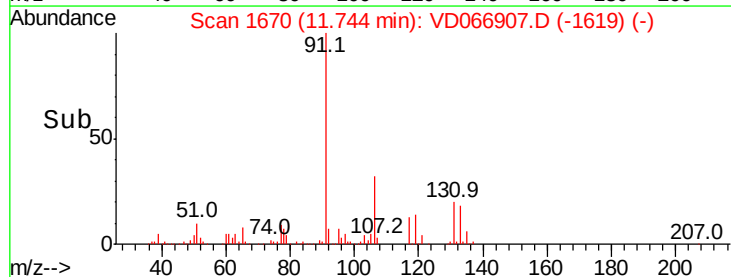
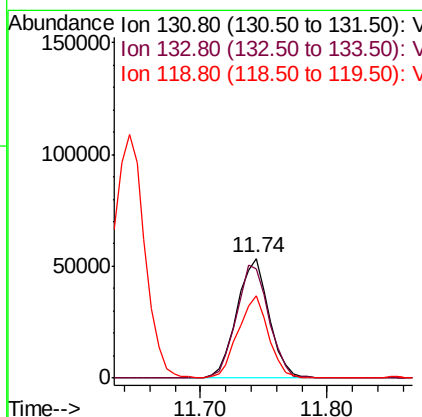
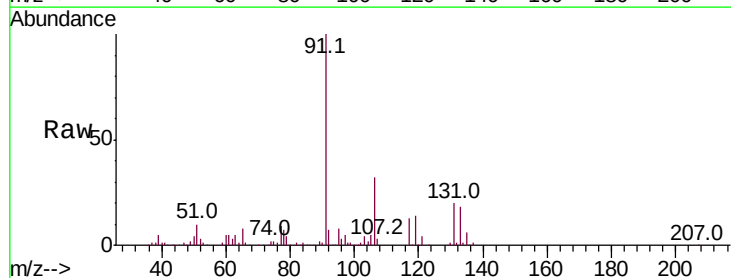
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

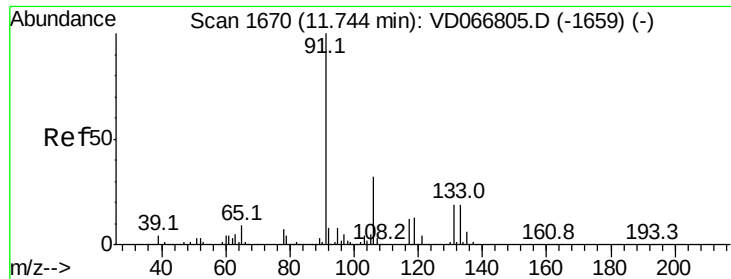
Tot Ion:112 Resp: 246240
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.025 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion:131 Resp: 93585
Ion Ratio Lower Upper
131 100
133 95.9 46.7 140.1
119 65.4 32.3 96.9

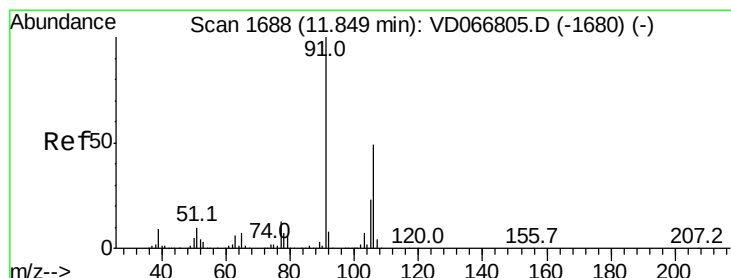
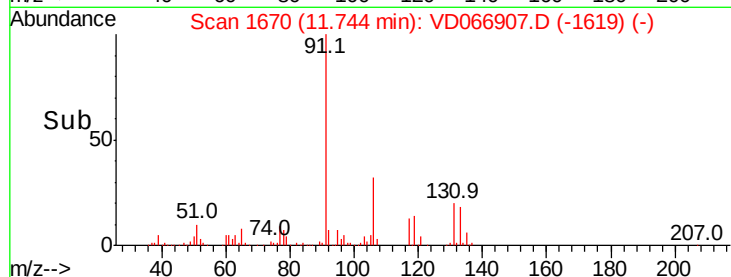
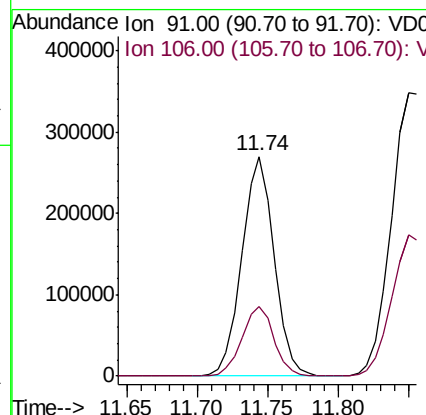
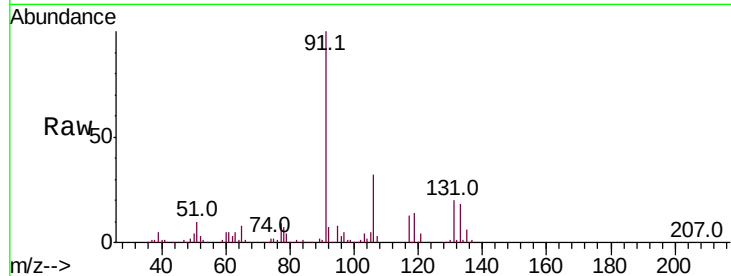




#67
Ethyl Benzene
Concen: 19.954 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

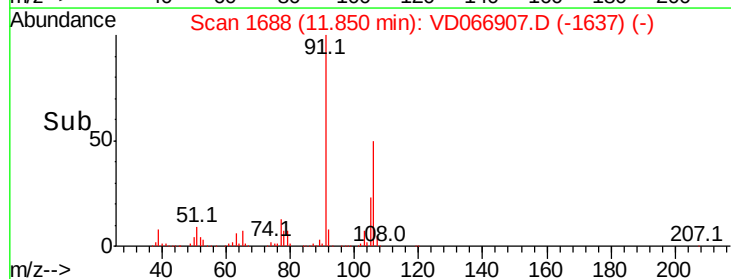
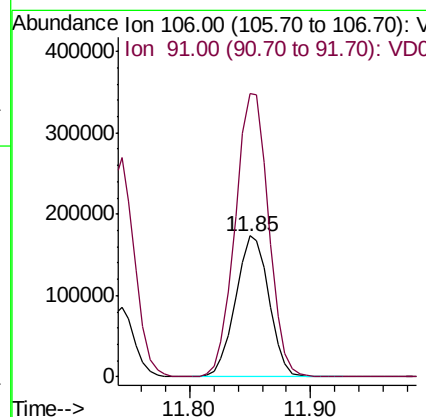
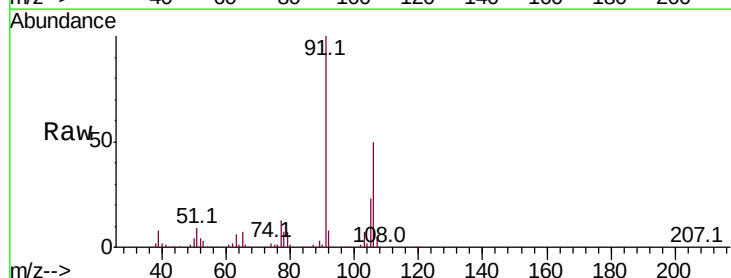
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

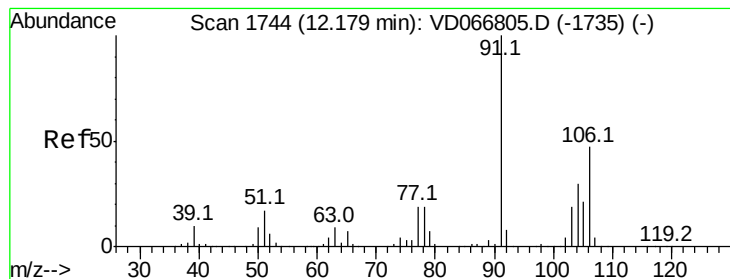
Tot Ion: 91 Resp: 432749
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4



#68
m/p-Xylenes
Concen: 40.672 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion: 106 Resp: 333954
Ion Ratio Lower Upper
106 100
91 201.5 160.7 241.1





#69

o-Xylene

Concen: 20.208 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

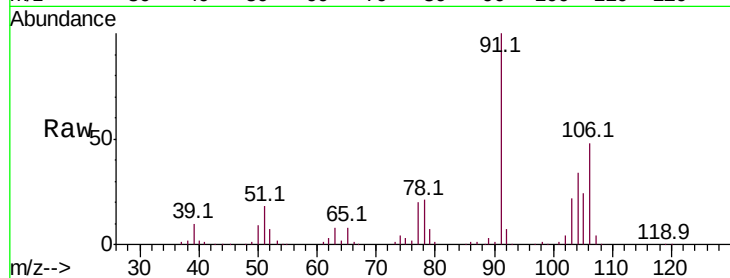
VD0928SBSD01

Tot Ion:106 Resp: 150039

Ion Ratio Lower Upper

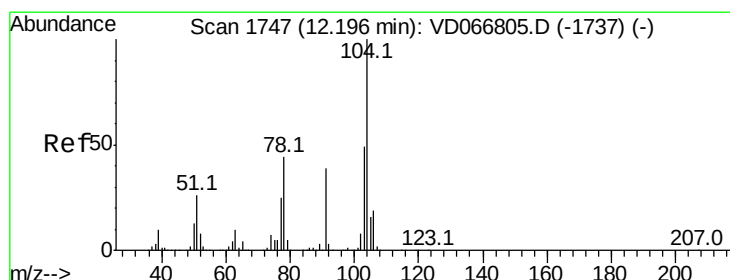
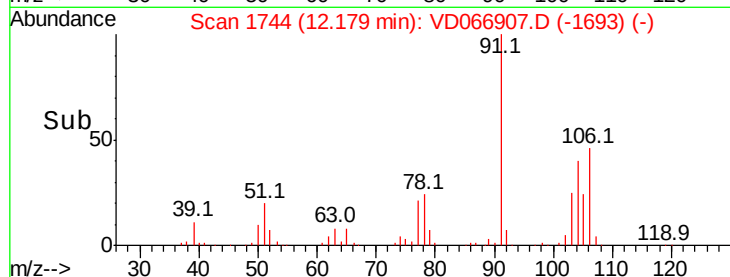
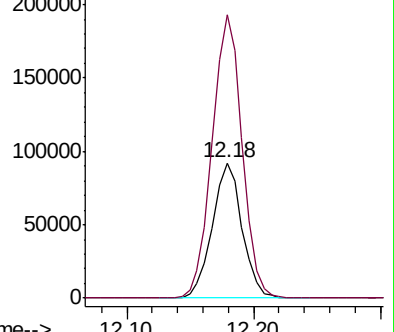
106 100

91 210.5 106.3 318.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#70

Styrene

Concen: 20.291 ug/l

RT: 12.19 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

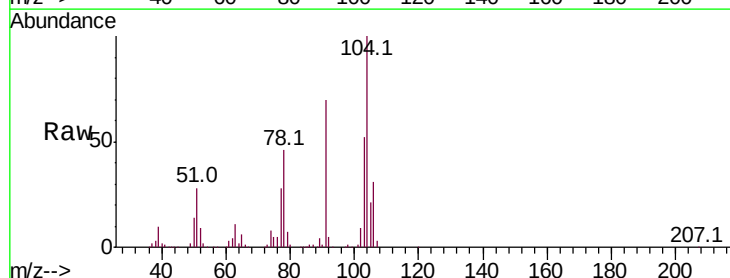
Tgt Ion:104 Resp: 261630

Ion Ratio Lower Upper

104 100

78 49.1 38.9 58.3

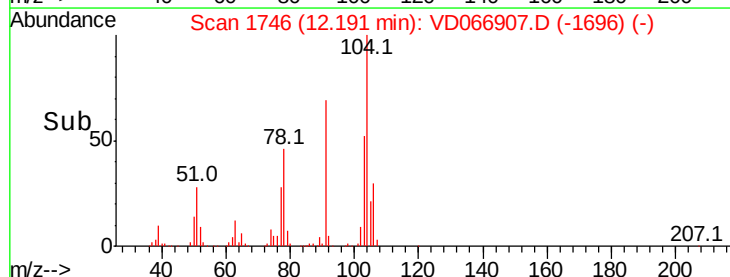
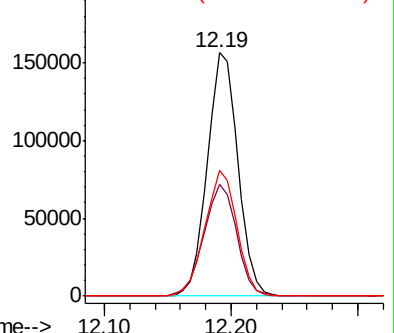
103 54.1 43.2 64.8

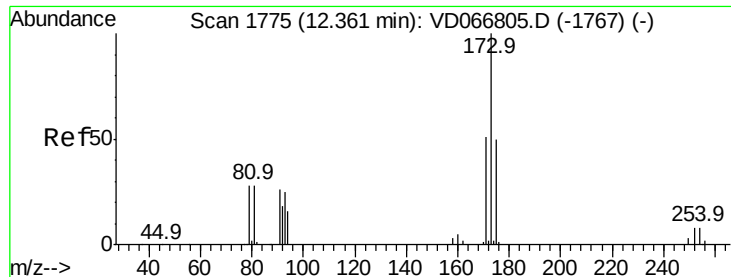


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VDC

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.832 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBSD01

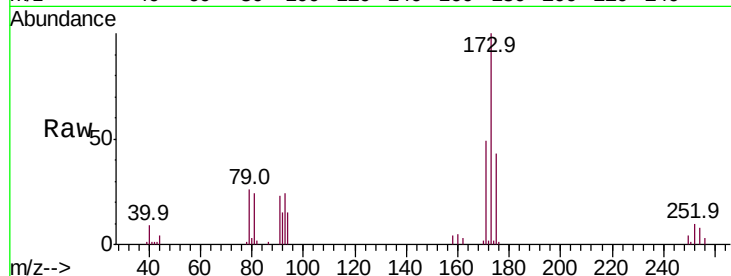
Tot Ion:173 Resp: 51660

Ion Ratio Lower Upper

173 100

175 45.8 24.9 74.6

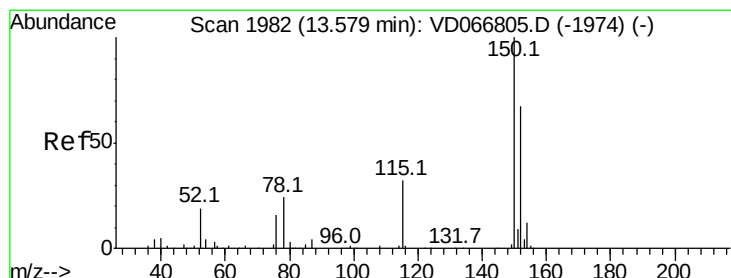
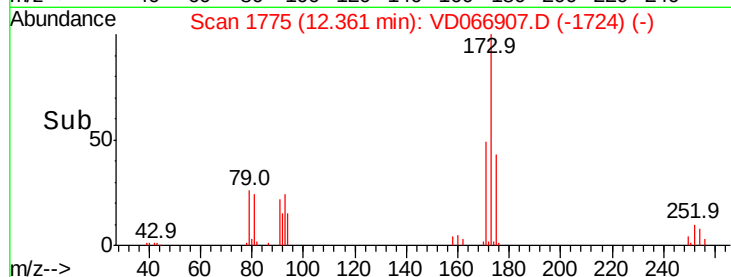
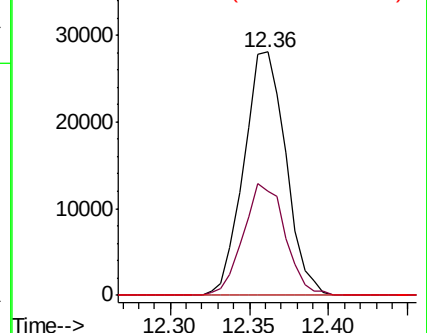
254 0.0 0.1 0.1#



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: VD066907.D

Acq: 28 Sep 2020 12:24

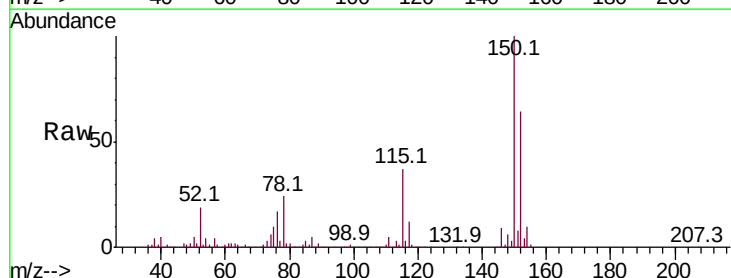
Tgt Ion:152 Resp: 290408

Ion Ratio Lower Upper

152 100

115 58.0 30.3 91.0

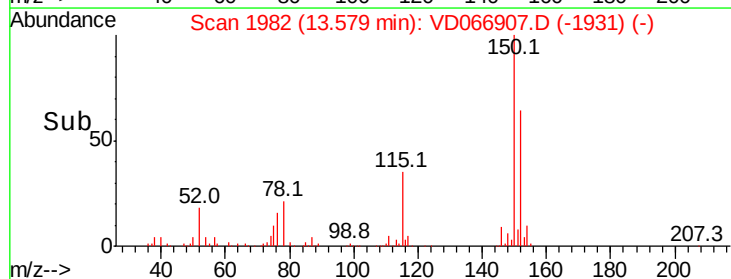
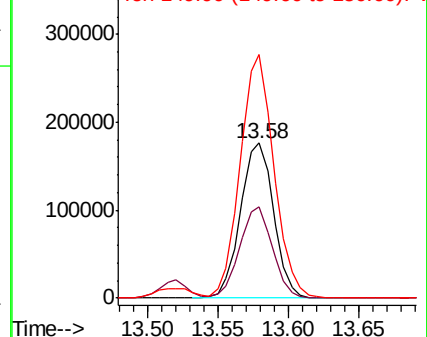
150 159.4 0.0 346.2

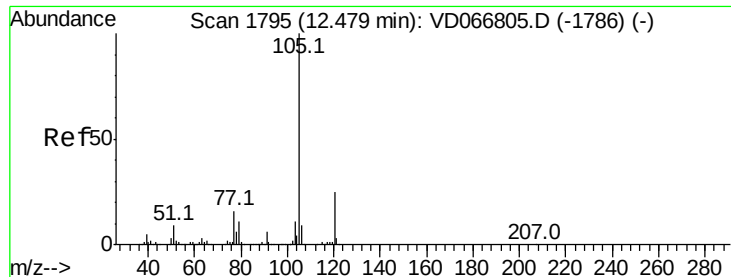


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.889 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

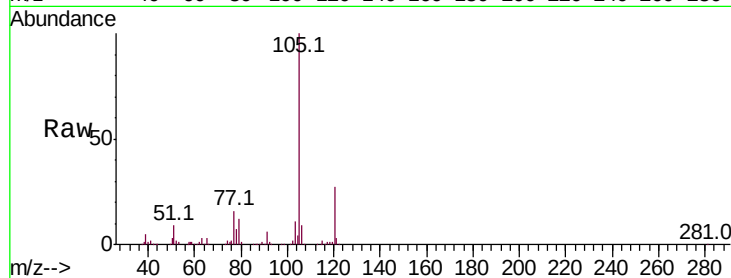
VD0928SBSD01

Tot Ion:105 Resp: 417261

Ion Ratio Lower Upper

105 100

120 26.6 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

100000

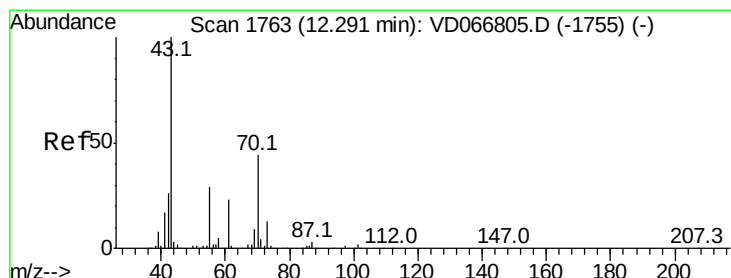
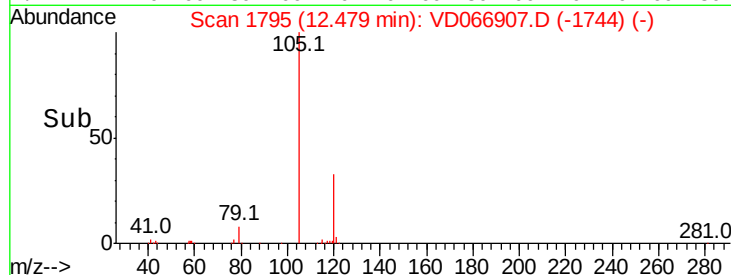
50000

0

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 19.484 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Tgt Ion: 43 Resp: 79824

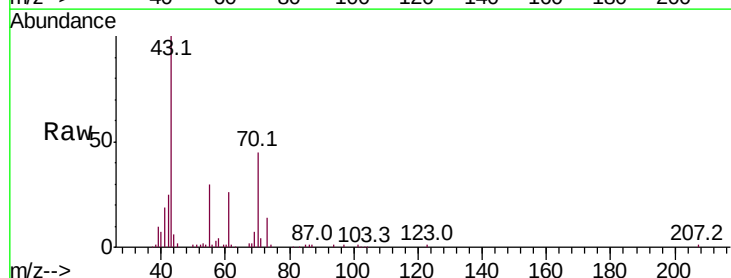
Ion Ratio Lower Upper

43 100

70 46.3 36.1 54.1

55 28.6 21.8 32.8

61 26.1 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

40000

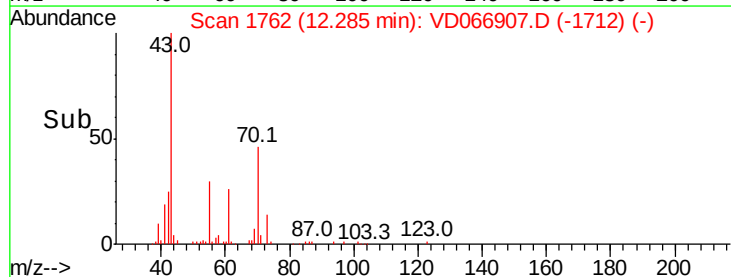
20000

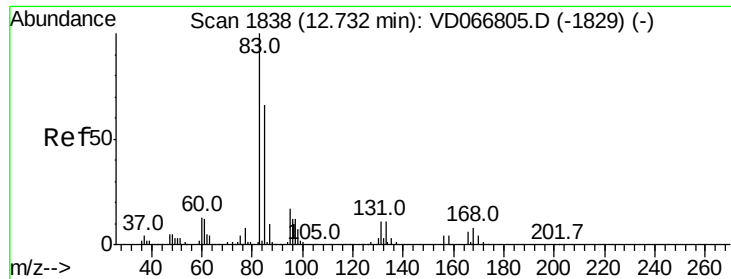
0

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.414 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBSD01

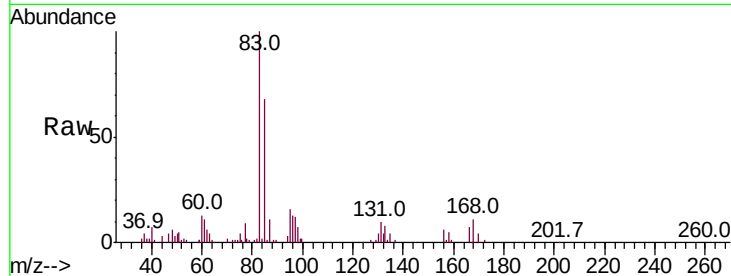
Tot Ion: 83 Resp: 70280

Ion Ratio Lower Upper

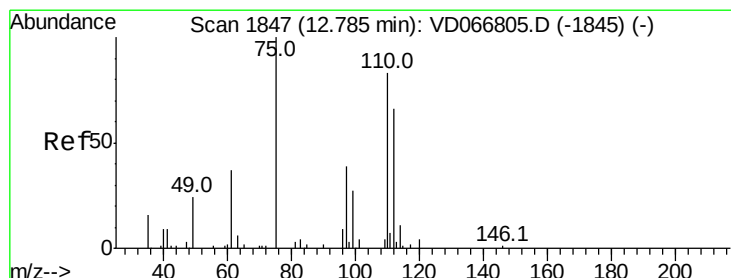
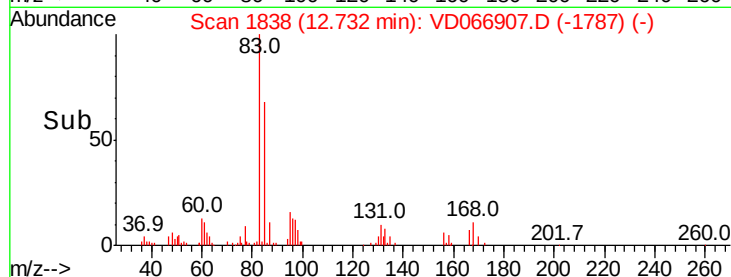
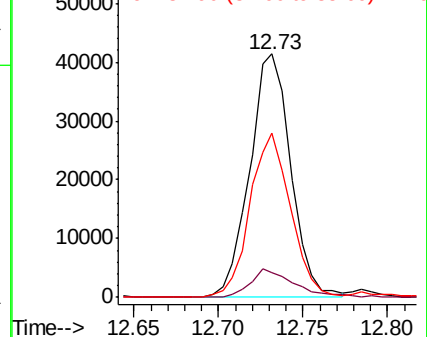
83 100

131 12.3 5.5 16.7

85 66.5 32.1 96.5



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: 38.619 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066907.D

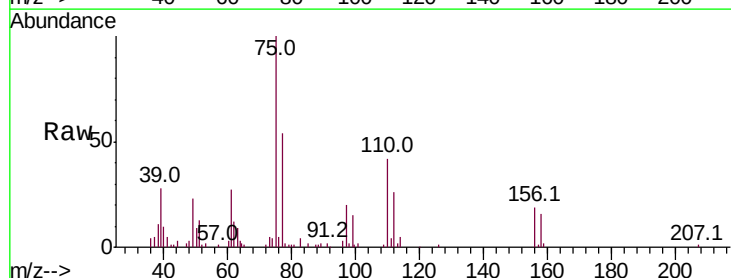
Acq: 28 Sep 2020 12:24

Tgt Ion: 75 Resp: 92943

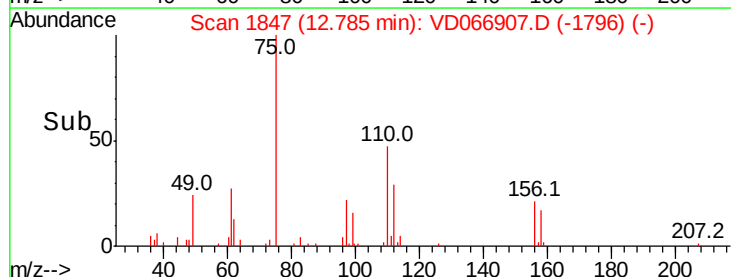
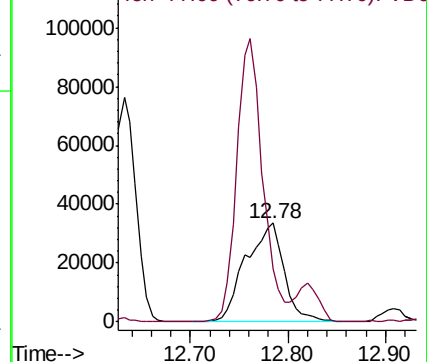
Ion Ratio Lower Upper

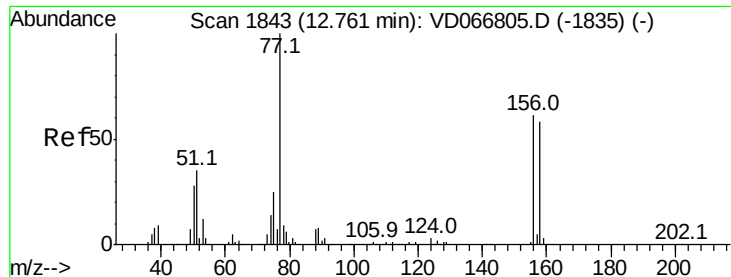
75 100

77 0.0 0.0 0.0



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

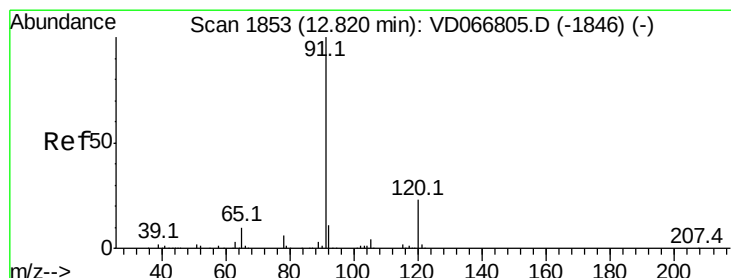
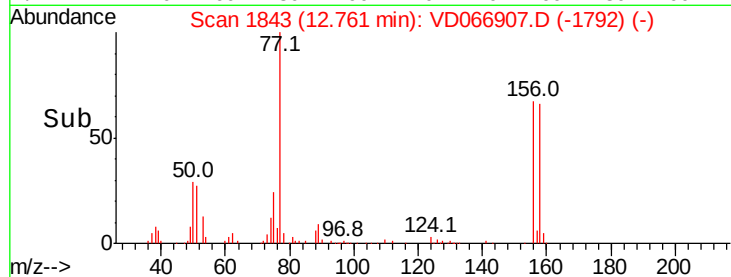
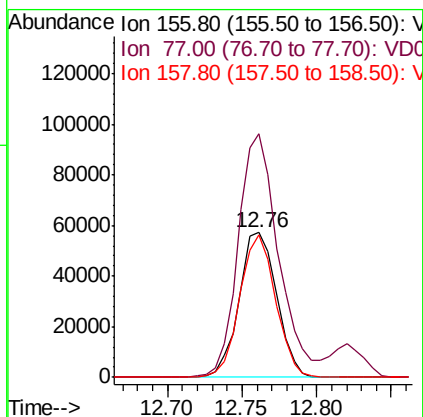
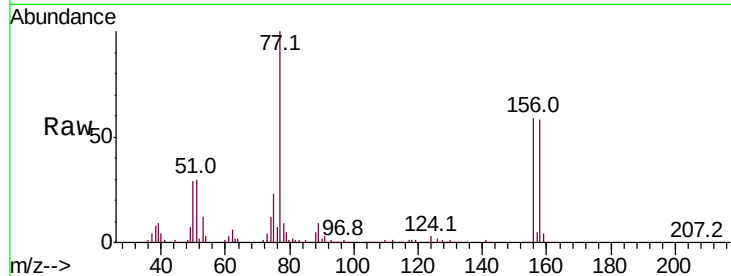




#77
Bromobenzene
Concen: 20.341 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

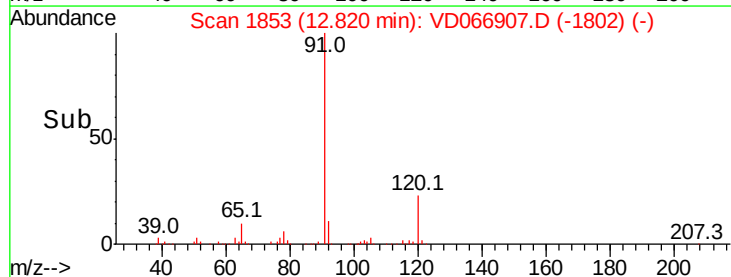
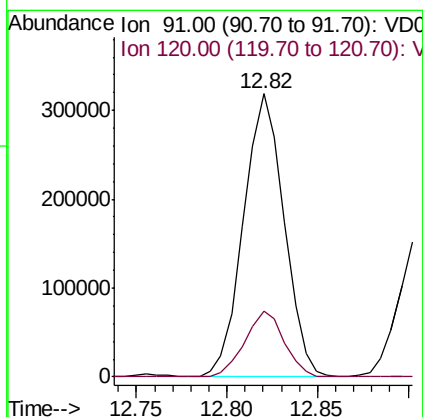
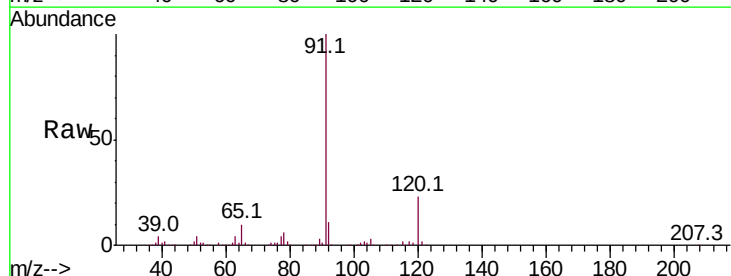
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

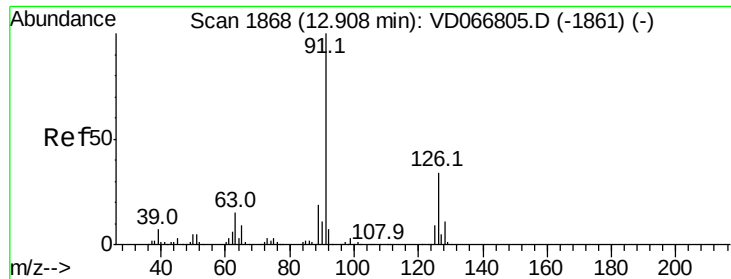
Tot Ion:156 Resp: 99805
Ion Ratio Lower Upper
156 100
77 180.9 92.3 276.9
158 93.7 47.6 142.9



#78
n-propylbenzene
Concen: 19.575 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion: 91 Resp: 494056
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 18.966 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

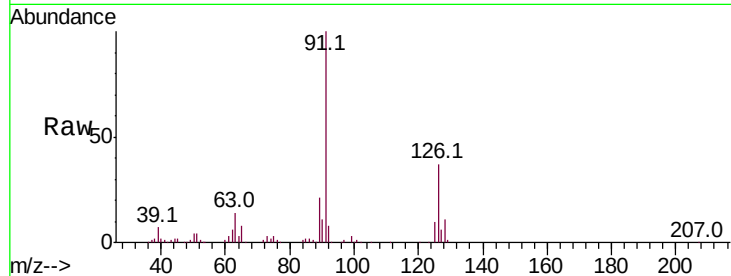
VD0928SBS01

Tot Ion: 91 Resp: 272777

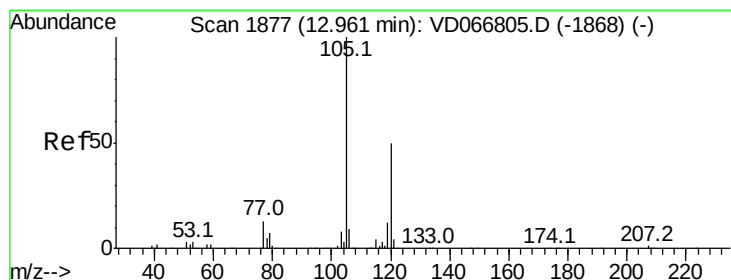
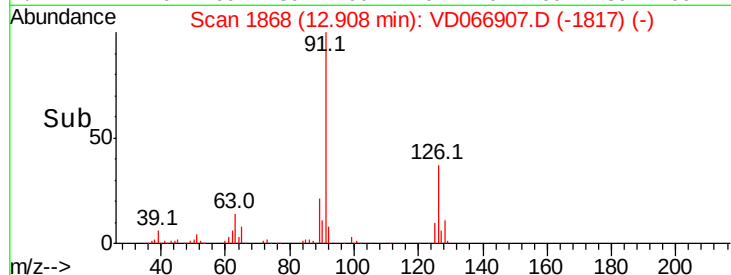
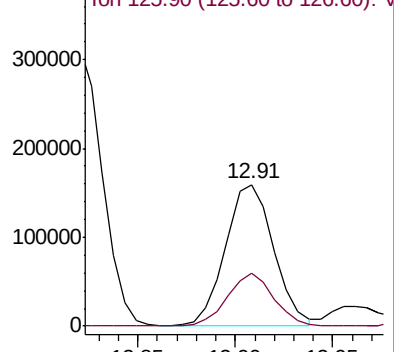
Ion Ratio Lower Upper

91 100

126 35.8 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 19.669 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066907.D

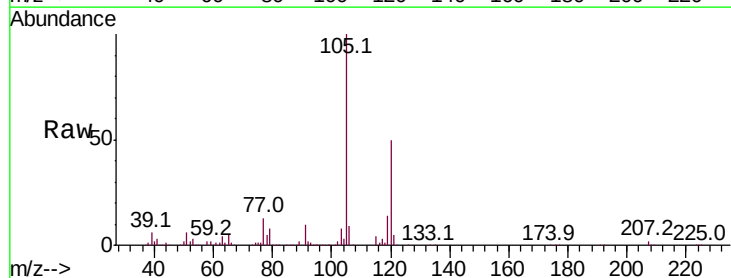
Acq: 28 Sep 2020 12:24

Tgt Ion:105 Resp: 350121

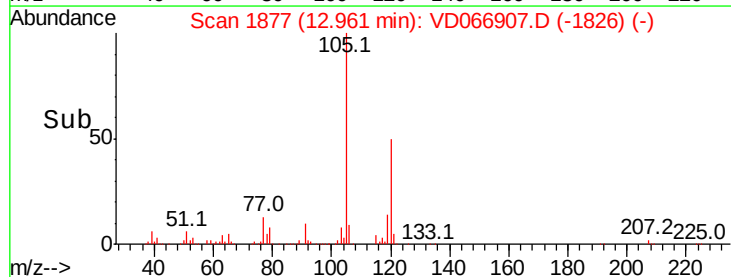
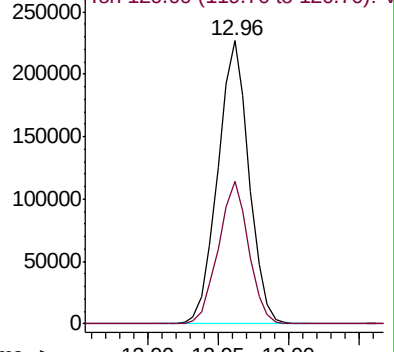
Ion Ratio Lower Upper

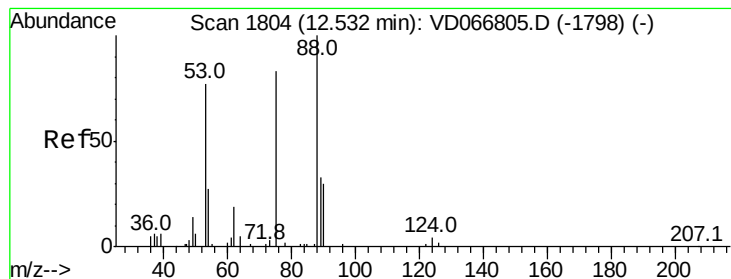
105 100

120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.551 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBSD01

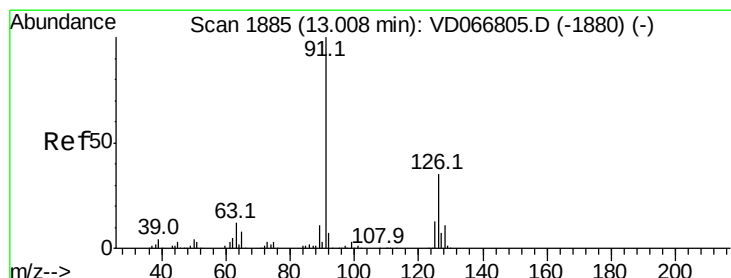
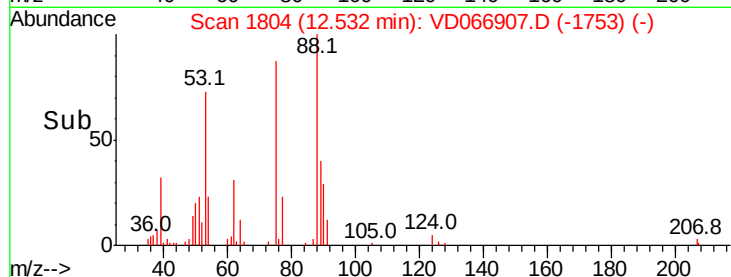
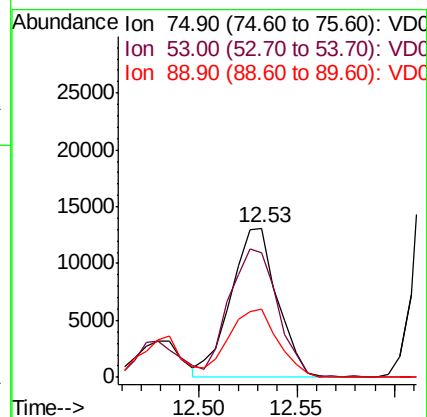
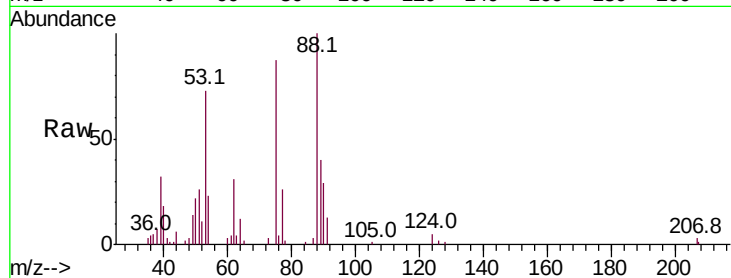
Tot Ion: 75 Resp: 21693

Ion Ratio Lower Upper

75 100

53 89.8 78.5 117.7

89 48.2 38.1 57.1



#82

4-Chlorotoluene

Concen: 19.842 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066907.D

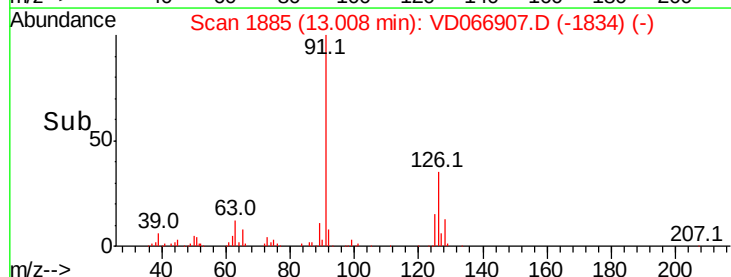
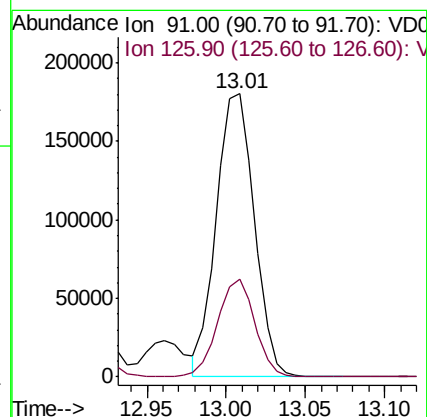
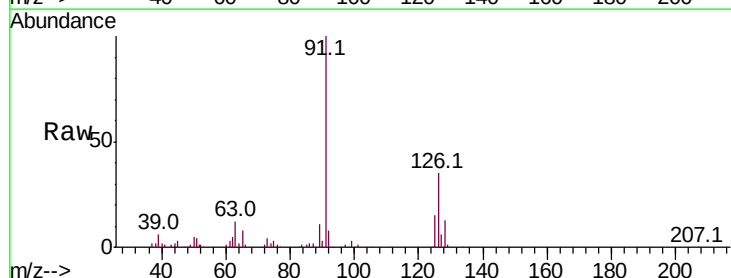
Acq: 28 Sep 2020 12:24

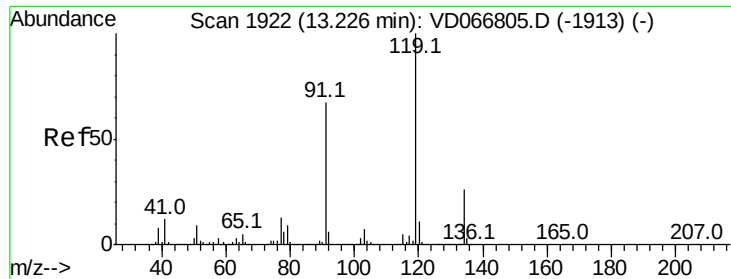
Tgt Ion: 91 Resp: 300828

Ion Ratio Lower Upper

91 100

126 33.8 17.1 51.2

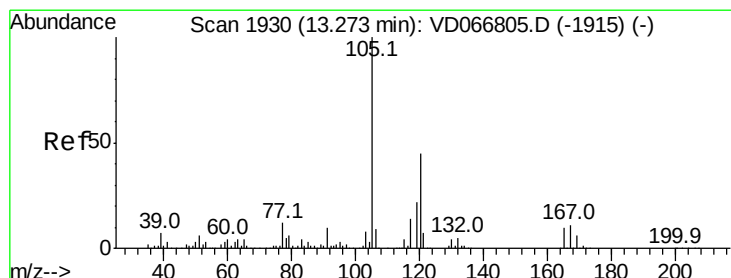
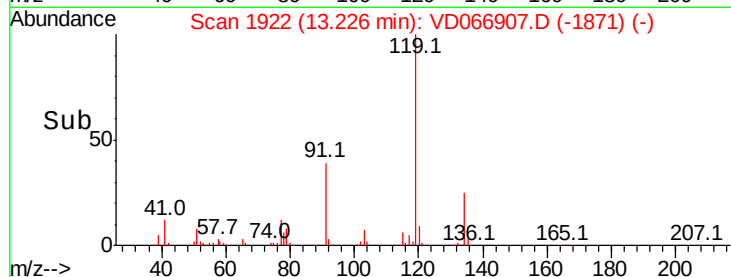
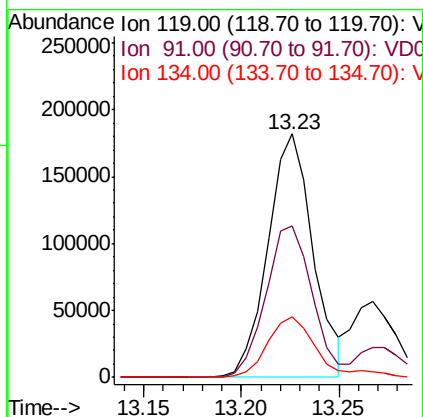
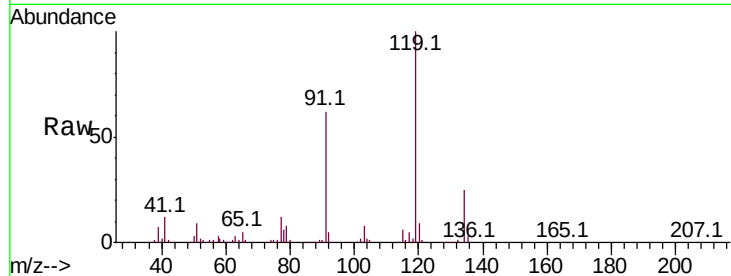




#83
tert-Butylbenzene
Concen: 19.940 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

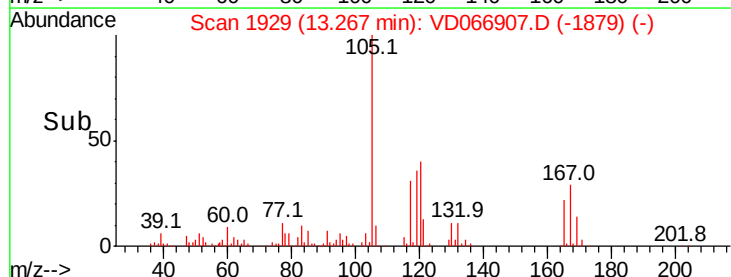
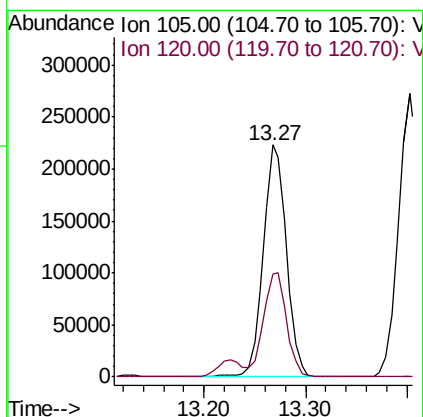
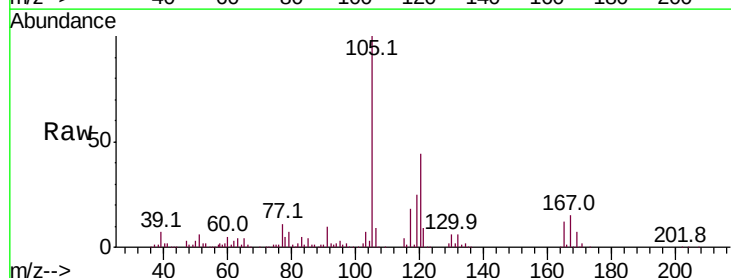
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

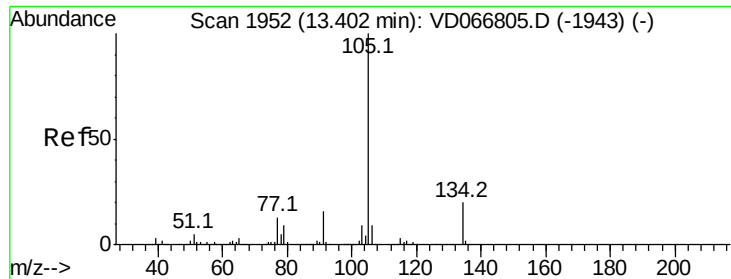
Tot Ion:119 Resp: 291668
Ion Ratio Lower Upper
119 100
91 64.9 33.6 100.8
134 27.1 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 20.206 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion:105 Resp: 356672
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.968 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

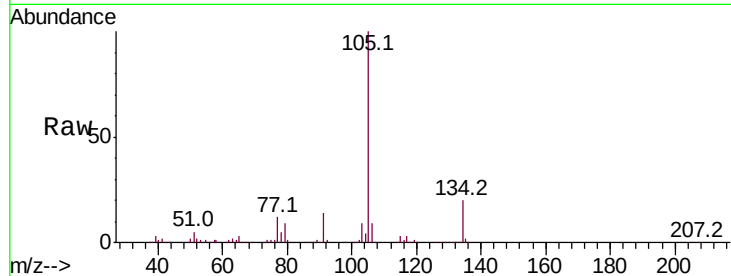
VD0928SBS01

Tot Ion:105 Resp: 420005

Ion Ratio Lower Upper

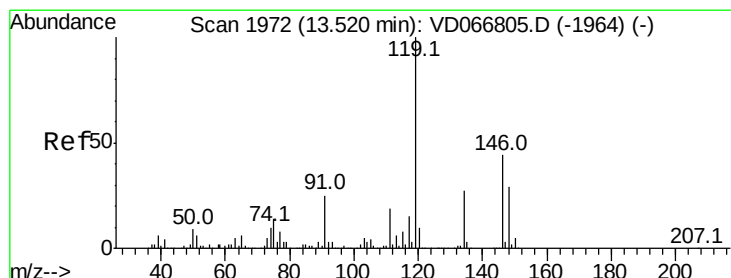
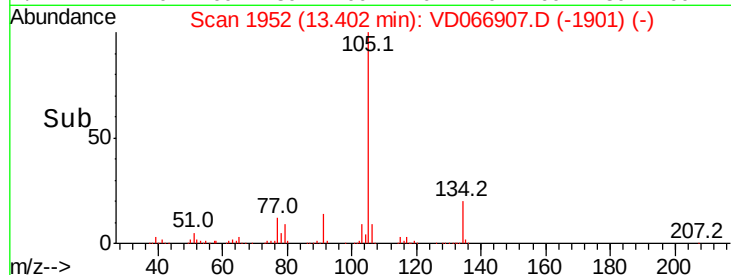
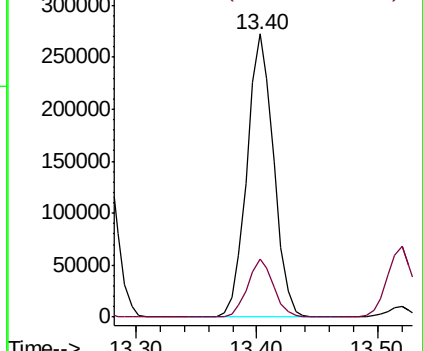
105 100

134 19.8 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.046 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

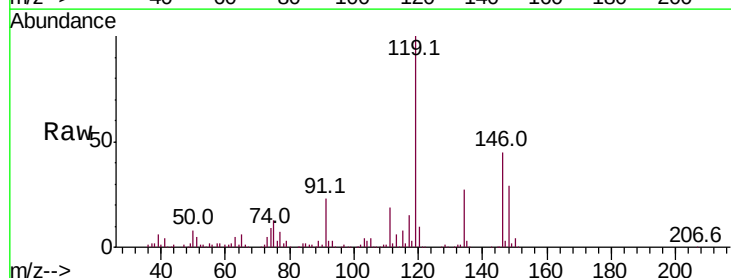
Tgt Ion:119 Resp: 380071

Ion Ratio Lower Upper

119 100

134 27.0 13.0 38.9

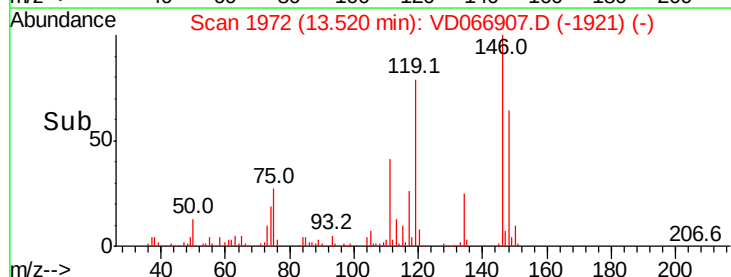
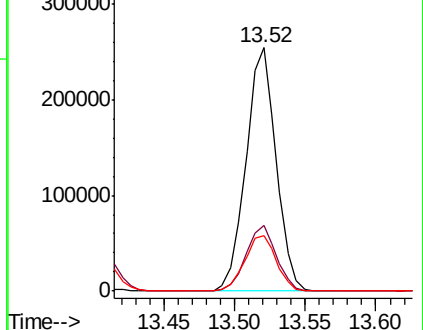
91 24.0 12.0 36.1

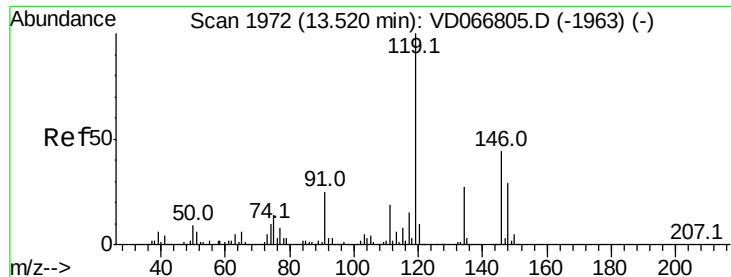


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.738 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

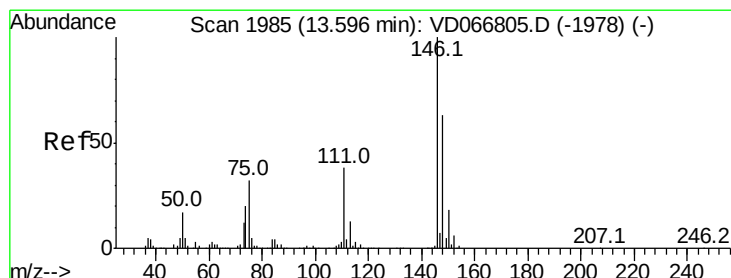
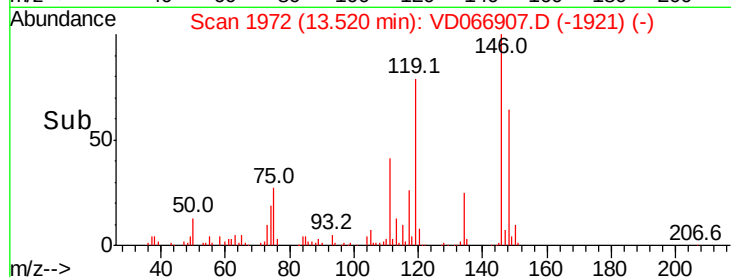
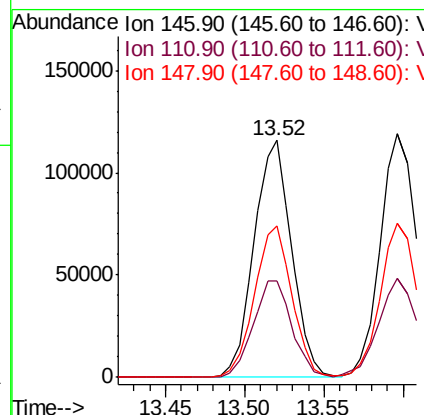
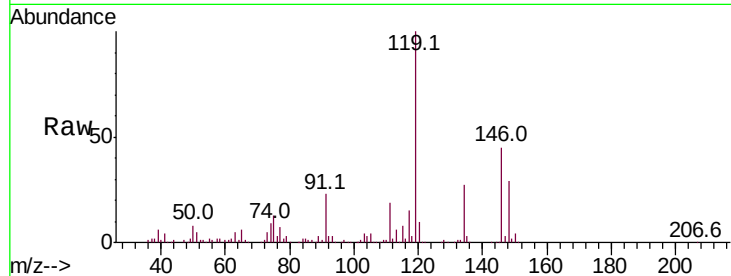
Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

Tot Ion:146 Resp: 191336

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	60.9
148	63.4	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 19.853 ug/l

RT: 13.60 min Scan# 1985

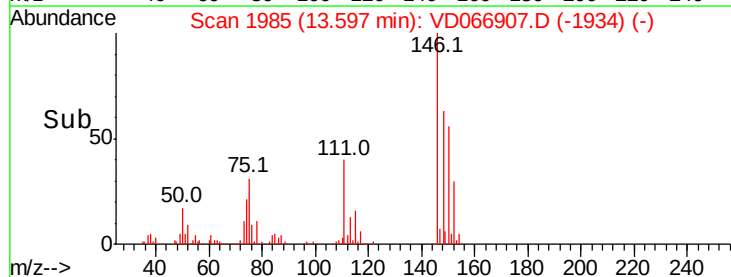
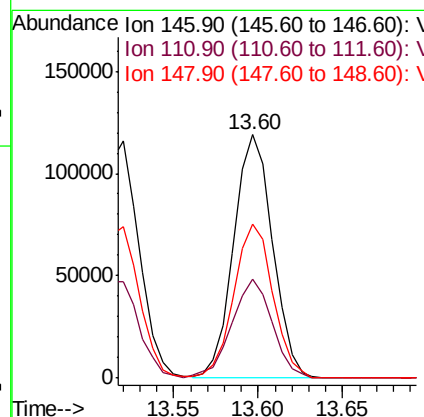
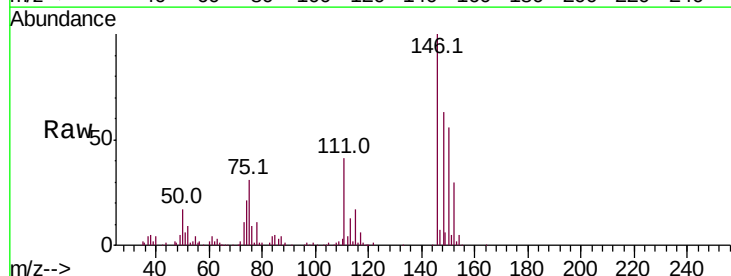
Delta R.T. 0.00 min

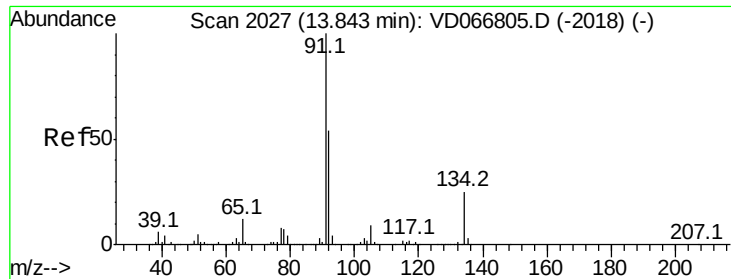
Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Tgt Ion:146 Resp: 191135

Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.2	60.5
148	63.4	31.6	94.7

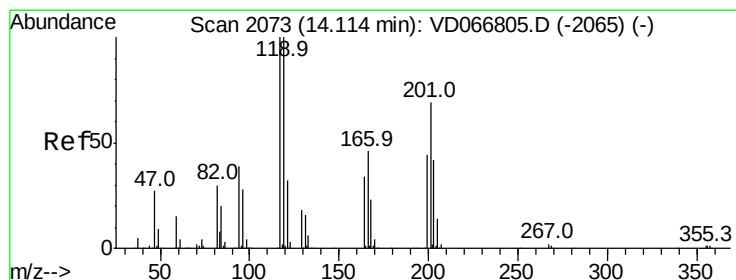
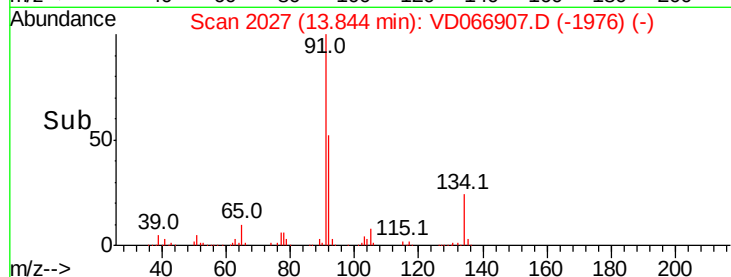
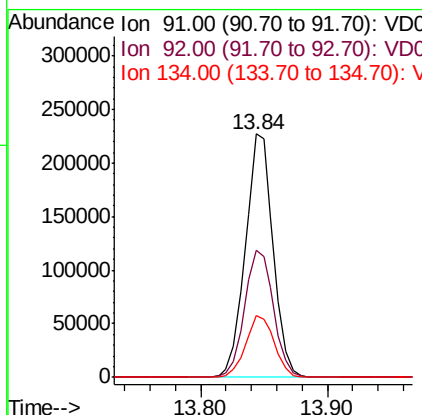
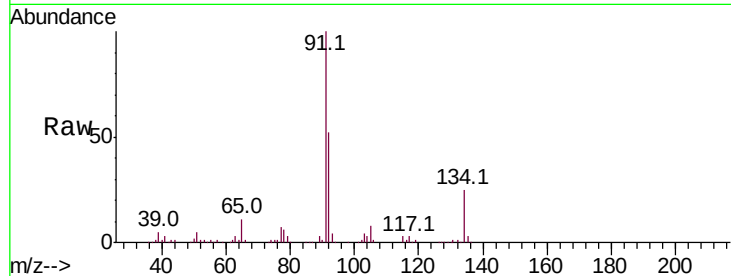




#89
n-Butylbenzene
Concen: 19.124 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

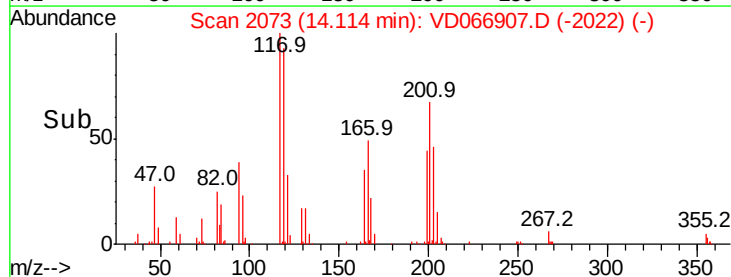
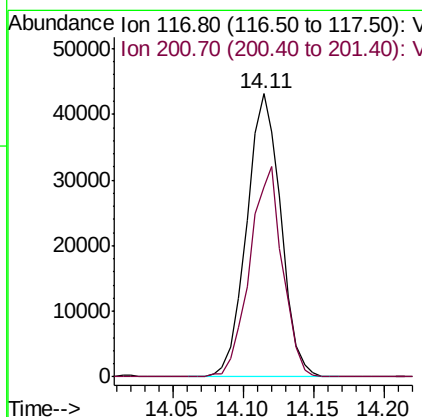
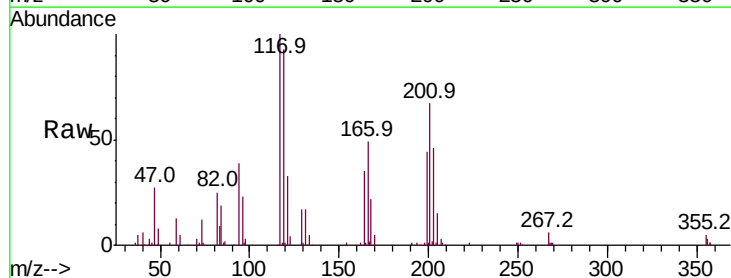
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

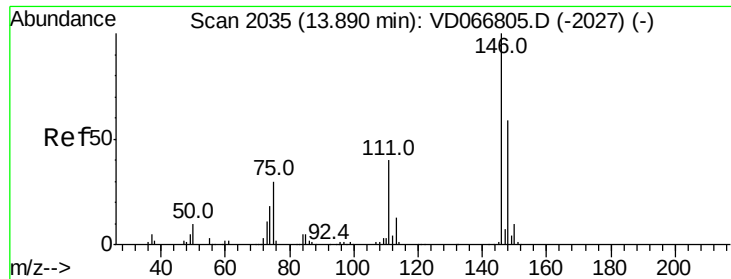
Tot Ion: 91 Resp: 344646
Ion Ratio Lower Upper
91 100
92 54.0 26.7 80.0
134 26.0 13.1 39.1



#90
Hexachloroethane
Concen: 19.003 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066907.D
Acq: 28 Sep 2020 12:24

Tgt Ion: 117 Resp: 73147
Ion Ratio Lower Upper
117 100
201 71.3 33.7 101.0

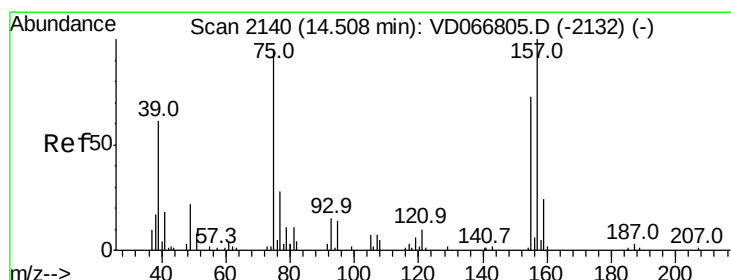
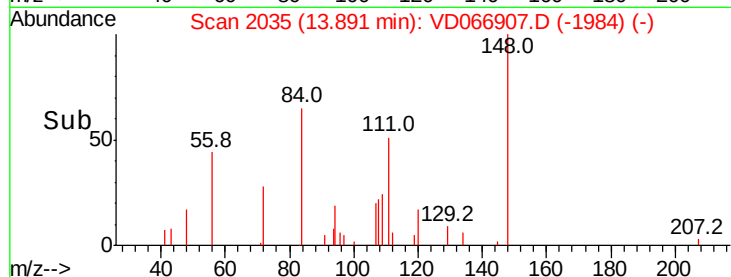
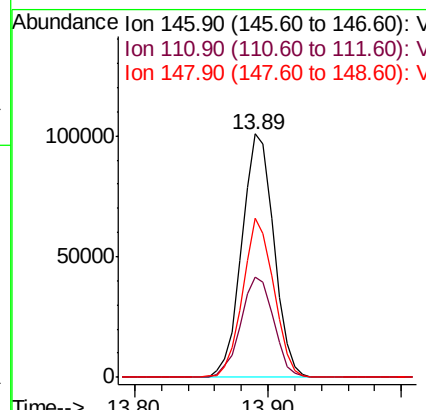
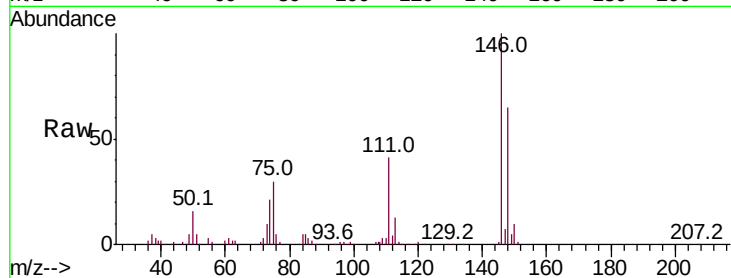




#91
 1,2-Dichlorobenzene
 Concen: 20.169 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066907.D
 Acq: 28 Sep 2020 12:24

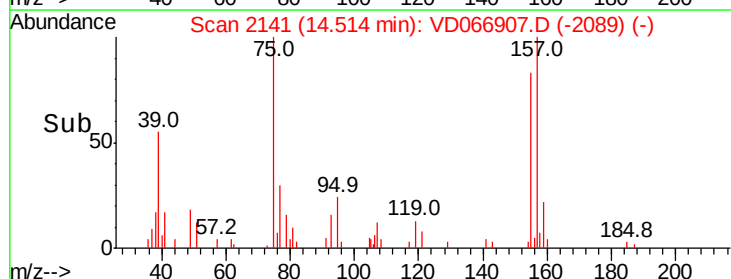
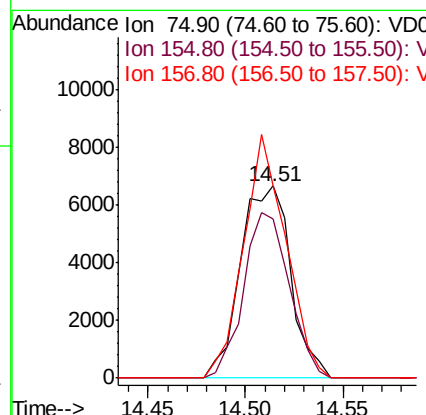
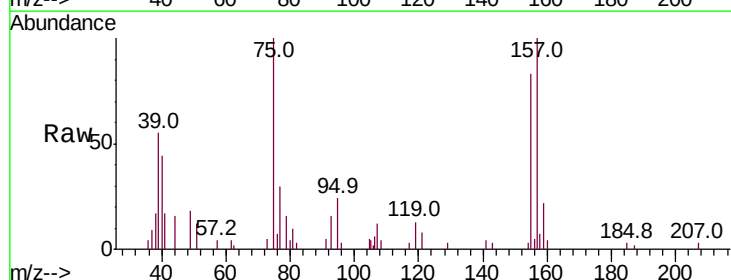
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBSD01

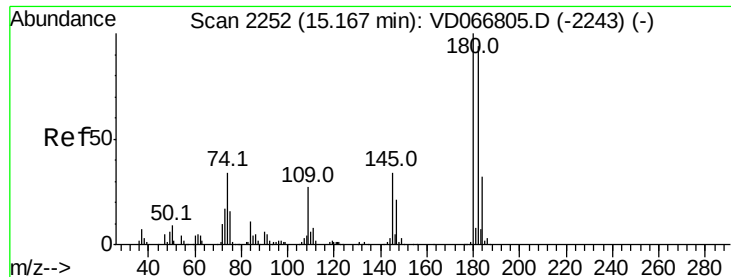
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.7
148	63.4	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.368 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066907.D
 Acq: 28 Sep 2020 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.7	40.4	121.2
157	107.6	51.3	153.9

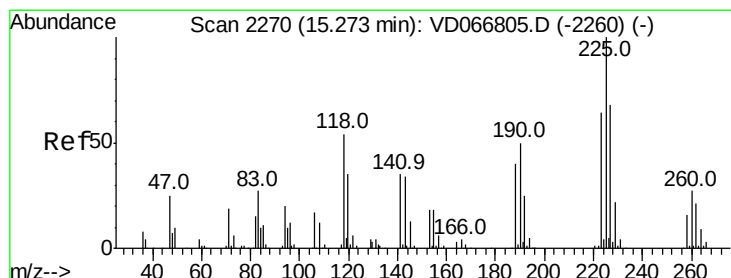
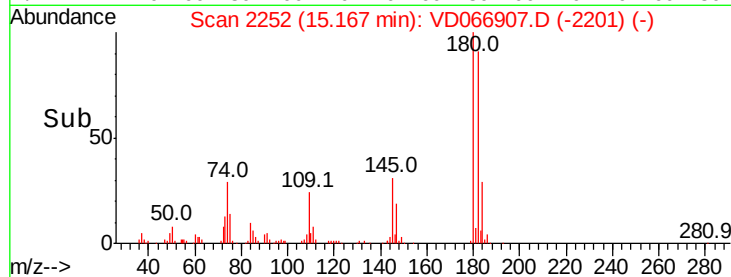
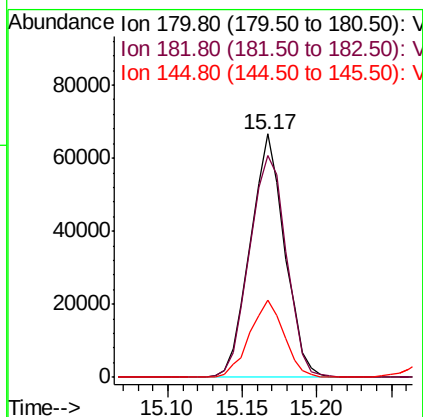
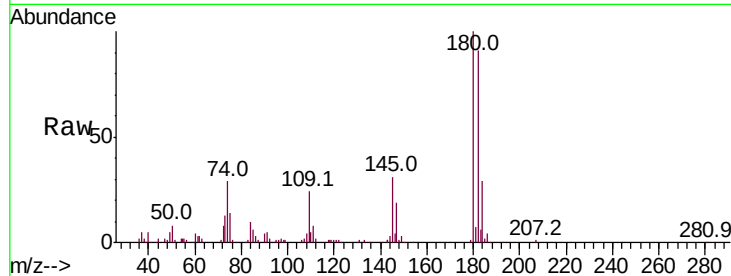




#93
 1,2,4-Trichlorobenzene
 Concen: 20.395 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066907.D
 Acq: 28 Sep 2020 12:24

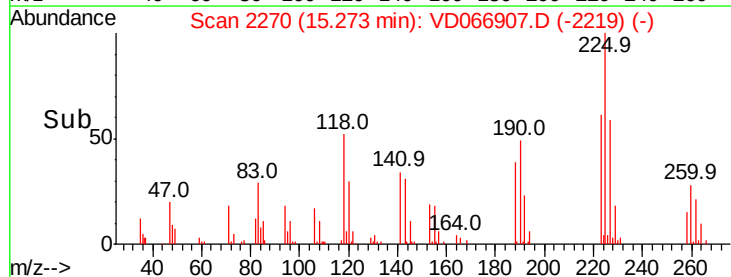
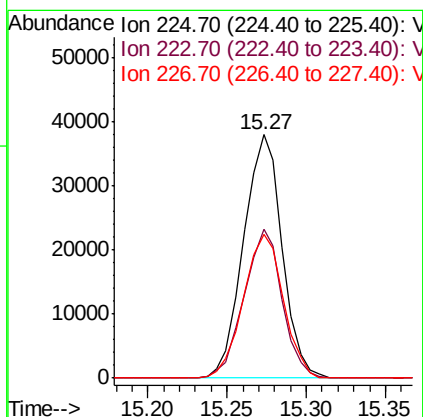
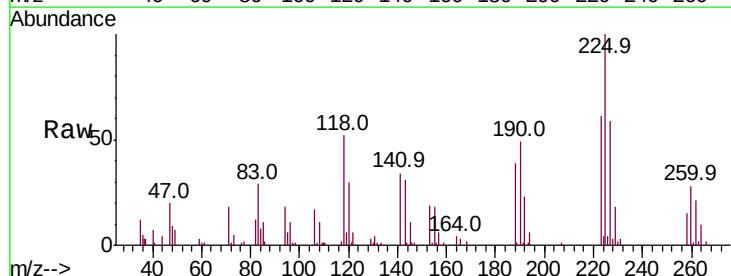
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBSD01

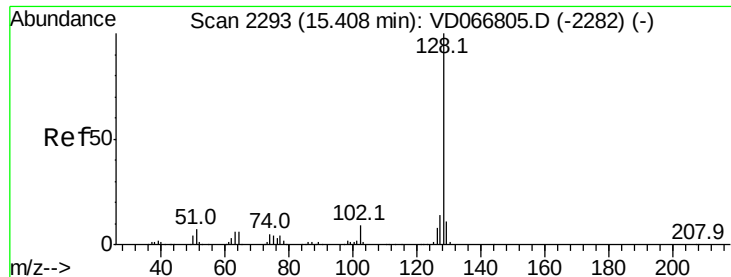
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.8	146.3
145	31.7	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 20.505 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066907.D
 Acq: 28 Sep 2020 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	31.1	93.3
227	61.1	31.7	95.1





#95

Naphthalene

Concen: 20.604 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBSD01

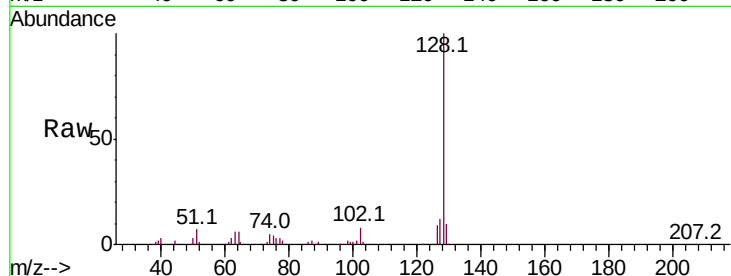
Tot Ion:128 Resp: 182627

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

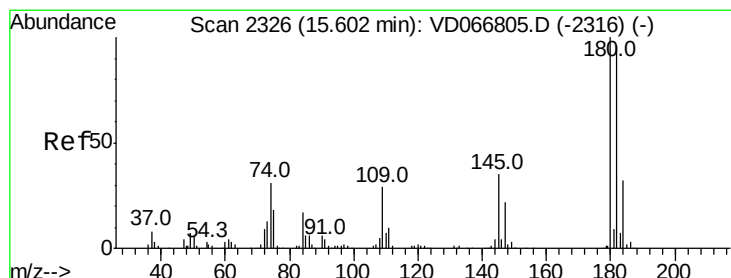
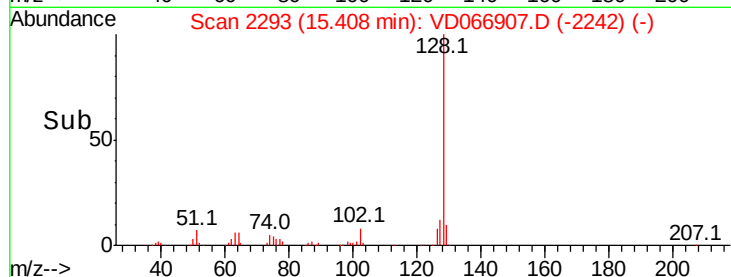
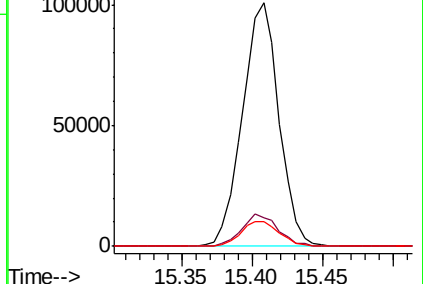
129 10.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.594 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066907.D

Acq: 28 Sep 2020 12:24

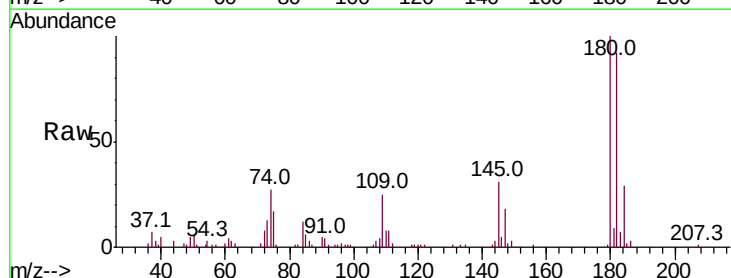
Tgt Ion:180 Resp: 92798

Ion Ratio Lower Upper

180 100

182 96.0 46.8 140.3

145 33.2 17.0 51.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

