

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066463.D
 Acq On : 28 Aug 2020 16:45
 Operator : VA/SY
 Sample : L3827-08MS
 Misc : 6.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-0006-01MS

Quant Time: Aug 29 00:46:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	152346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	204891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	190274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	105339	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	89269	59.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.54%	
35) Dibromofluoromethane	7.91	113	66393	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	10.33	98	252181	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
62) 4-Bromofluorobenzene	12.63	95	94750	56.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.92%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	60610	46.797	ug/l 99
3) Chloromethane	2.20	50	35448	38.612	ug/l 95
4) Vinyl Chloride	2.35	62	45664	46.327	ug/l 91
5) Bromomethane	2.76	94	36738	49.829	ug/l 98
6) Chloroethane	2.92	64	30413	48.185	ug/l 96
7) Trichlorofluoromethane	3.27	101	149642	55.829	ug/l 99
8) Diethyl Ether	3.71	74	27468	45.738	ug/l 85
9) 1,1,2-Trichlorotrifluoroet	4.09	101	63840	48.262	ug/l 97
10) Methyl Iodide	4.30	142	65209	43.222	ug/l 89
11) Tert butyl alcohol	5.22	59	25300	305.195	ug/l # 83
12) 1,1-Dichloroethene	4.06	96	57406	46.233	ug/l 90
13) Acrolein	3.92	56	2757	41.568	ug/l 100
14) Allyl chloride	4.71	41	67244	40.574	ug/l # 77
15) Acrylonitrile	5.41	53	53939	223.854	ug/l 99
16) Acetone	4.15	43	64448	239.342	ug/l # 88
17) Carbon Disulfide	4.41	76	156869	41.687	ug/l 98
18) Methyl Acetate	4.71	43	21828	43.191	ug/l 93
19) Methyl tert-butyl Ether	5.47	73	160085	53.543	ug/l 98
20) Methylene Chloride	4.97	84	69013	47.666	ug/l # 92
21) trans-1,2-Dichloroethene	5.47	96	67108	46.430	ug/l 90
22) Diisopropyl ether	6.36	45	137937	42.988	ug/l 94
23) Vinyl Acetate	6.30	43	463098	233.131	ug/l 96
24) 1,1-Dichloroethane	6.26	63	104251	45.975	ug/l 99
25) 2-Butanone	7.21	43	70703	231.290	ug/l # 88
26) 2,2-Dichloropropane	7.20	77	131366	54.052	ug/l 96
27) cis-1,2-Dichloroethene	7.20	96	75058	48.465	ug/l 97
28) Bromochloromethane	7.54	49	33438	42.810	ug/l # 80
29) Tetrahydrofuran	7.56	42	36316	209.160	ug/l # 85
30) Chloroform	7.70	83	137599	52.447	ug/l 97
31) Cyclohexane	7.98	56	84322	40.659	ug/l 98
32) 1,1,1-Trichloroethane	7.90	97	153503	57.168	ug/l 99
36) 1,1-Dichloropropene	8.11	75	93463	49.994	ug/l 99
37) Ethyl Acetate	7.29	43	30322	47.688	ug/l # 67
38) Carbon Tetrachloride	8.09	117	152298	62.528	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066463.D
 Acq On : 28 Aug 2020 16:45
 Operator : VA/SY
 Sample : L3827-08MS
 Misc : 6.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-0006-01MS

Quant Time: Aug 29 00:46:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	111065	50.433	ug/l	95
40) Benzene	8.34	78	246807	50.184	ug/l	98
41) Methacrylonitrile	7.56	41	25085	63.974	ug/l #	29
42) 1,2-Dichloroethane	8.42	62	108827	62.828	ug/l	98
43) Isopropyl Acetate	8.44	43	63684	49.900	ug/l	100
44) Trichloroethene	9.11	130	86940	54.403	ug/l	95
45) 1,2-Dichloropropane	9.38	63	51749	46.414	ug/l	92
46) Dibromomethane	9.47	93	36429	52.477	ug/l	96
47) Bromodichloromethane	9.66	83	112364	58.858	ug/l	98
48) Methyl methacrylate	9.45	41	31322	47.594	ug/l #	87
49) 1,4-Dioxane	9.45	88	8520	1056.983	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	152017	246.225	ug/l	100
52) Toluene	10.40	92	176613	53.005	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	102166	56.400	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	104827	51.555	ug/l #	87
55) 1,1,2-Trichloroethane	10.80	97	47375	50.411	ug/l	95
56) Ethyl methacrylate	10.66	69	55404	50.927	ug/l #	82
57) 1,3-Dichloropropane	10.94	76	81683	52.547	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	105083	232.568	ug/l	90
59) 2-Hexanone	10.98	43	112134	257.492	ug/l	99
60) Dibromochloromethane	11.14	129	81168	57.299	ug/l	97
61) 1,2-Dibromoethane	11.24	107	47960	51.858	ug/l	98
64) Tetrachloroethene	10.87	164	78275	54.229	ug/l	91
65) Chlorobenzene	11.67	112	198616	52.467	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	85776	55.446	ug/l	97
67) Ethyl Benzene	11.74	91	361137	54.196	ug/l	97
68) m/p-Xylenes	11.85	106	275317	108.401	ug/l	94
69) o-Xylene	12.18	106	127207	53.838	ug/l	100
70) Styrene	12.19	104	220295	54.300	ug/l	96
71) Bromoform	12.36	173	50444	57.474	ug/l #	98
73) Isopropylbenzene	12.48	105	363606	51.527	ug/l	100
74) N-amyl acetate	12.28	43	58162	45.635	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	45242	44.880	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	73297	98.908	ug/l	20
77) Bromobenzene	12.76	156	96169	53.694	ug/l	94
78) n-propylbenzene	12.82	91	404084	49.942	ug/l	96
79) 2-Chlorotoluene	12.91	91	231352	50.064	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	328571	53.928	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	15778	45.194	ug/l	86
82) 4-Chlorotoluene	13.00	91	248257	50.706	ug/l	98
83) tert-Butylbenzene	13.23	119	282771	53.433	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	325486	54.390	ug/l	99
85) sec-Butylbenzene	13.40	105	361371	52.118	ug/l	99
86) p-Isopropyltoluene	13.52	119	360550	53.928	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	173341	51.847	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	175239	52.203	ug/l	99
89) n-Butylbenzene	13.84	91	302902	51.341	ug/l	98
90) Hexachloroethane	14.11	117	66234	50.150	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	153701	53.403	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10955	51.815	ug/l	88

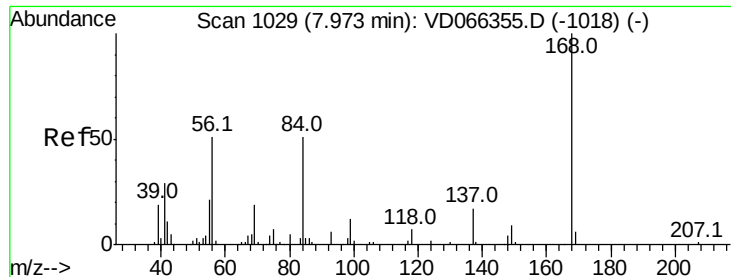
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082820\
Data File : VD066463.D
Acq On : 28 Aug 2020 16:45
Operator : VA/SY
Sample : L3827-08MS
Misc : 6.87G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01MS

Quant Time: Aug 29 00:46:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	123026	54.753	ug/l	98
94) Hexachlorobutadiene	15.27	225	80160	57.408	ug/l	94
95) Naphthalene	15.40	128	196772	55.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	104500	54.291	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

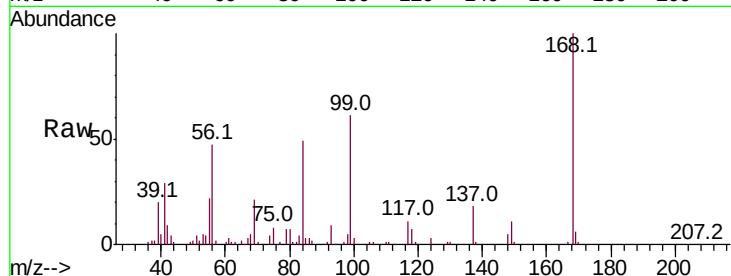
789UMR-TP11-0006-01MS

Tot Ion:168 Resp: 152346

Ion Ratio Lower Upper

168 100

99 60.8 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

80000

60000

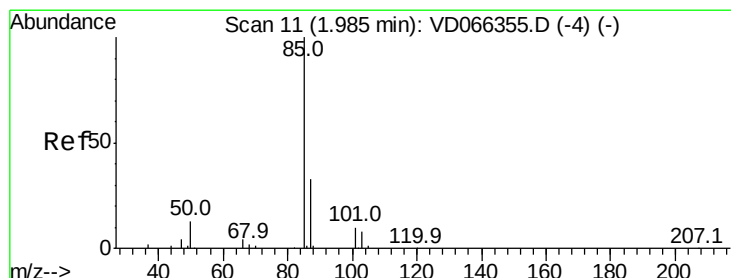
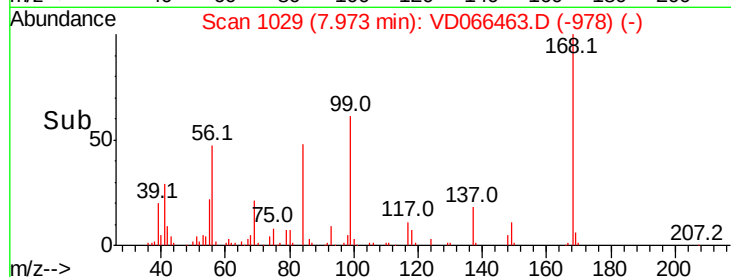
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 46.797 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066463.D

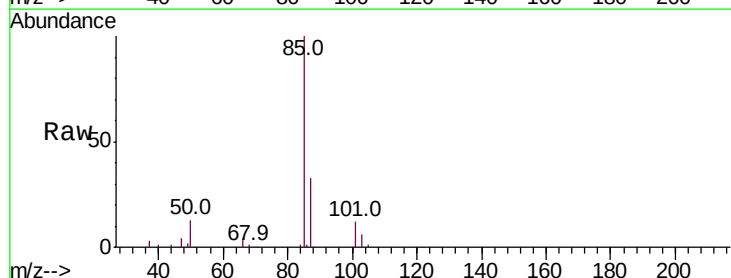
Acq: 28 Aug 2020 16:45

Tgt Ion: 85 Resp: 60610

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

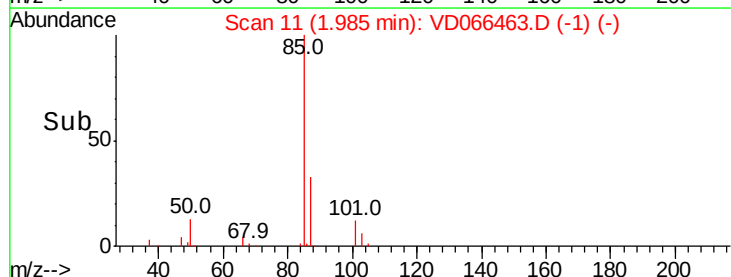
20000

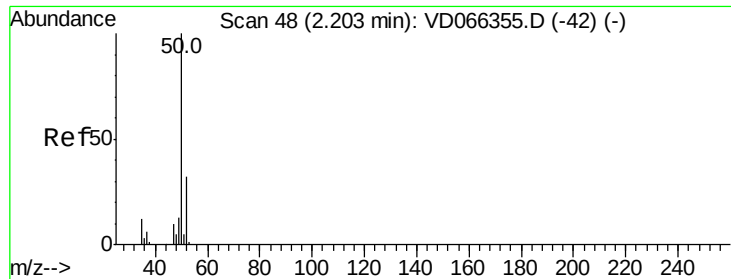
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 38.612 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

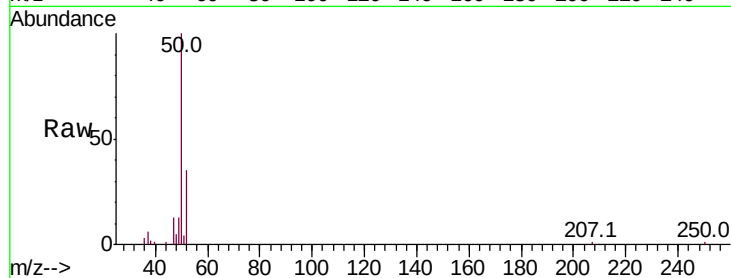
789UMR-TP11-0006-01MS

Tot Ion: 50 Resp: 35448

Ion Ratio Lower Upper

50 100

52 34.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.20

30000

25000

20000

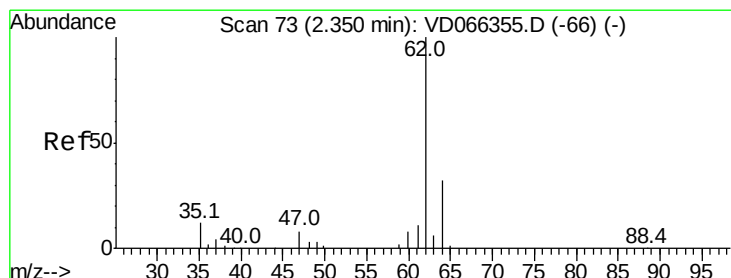
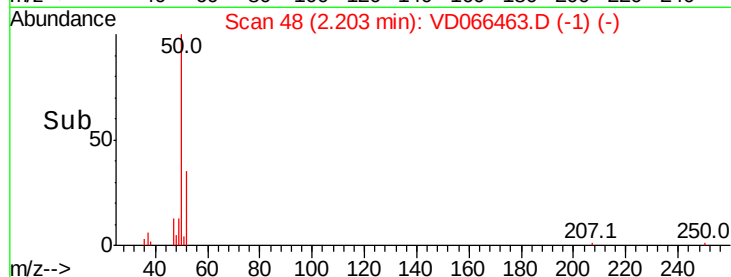
15000

10000

5000

0

Time-->



#4

Vinyl Chloride

Concen: 46.327 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066463.D

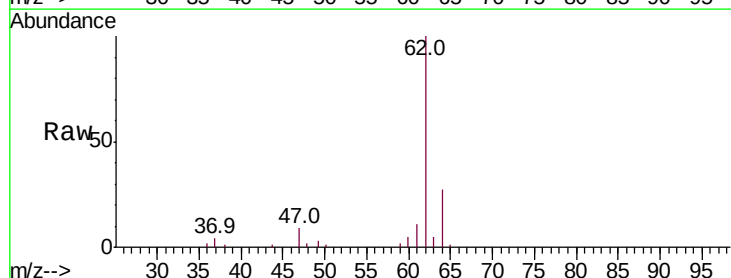
Acq: 28 Aug 2020 16:45

Tgt Ion: 62 Resp: 45664

Ion Ratio Lower Upper

62 100

64 27.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

30000

25000

20000

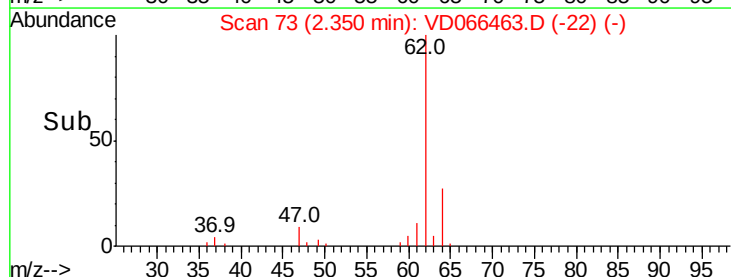
15000

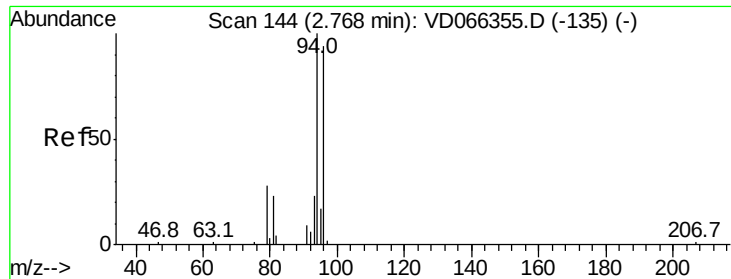
10000

5000

0

Time-->





#5

Bromomethane

Concen: 49.829 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

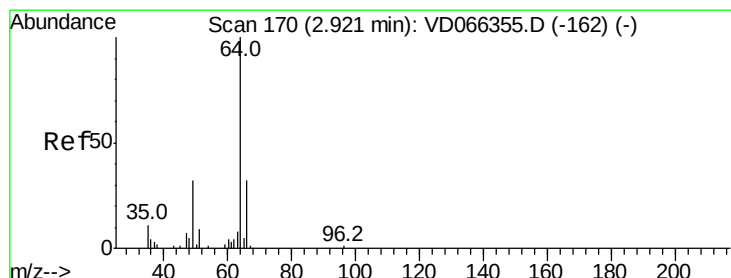
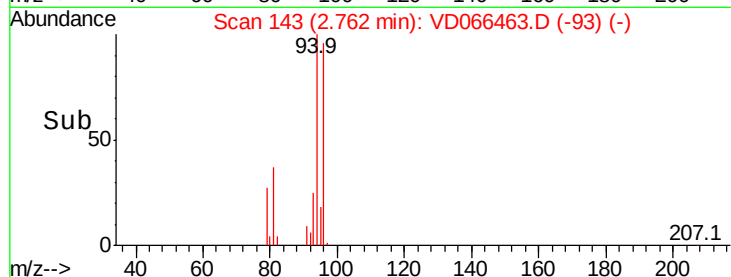
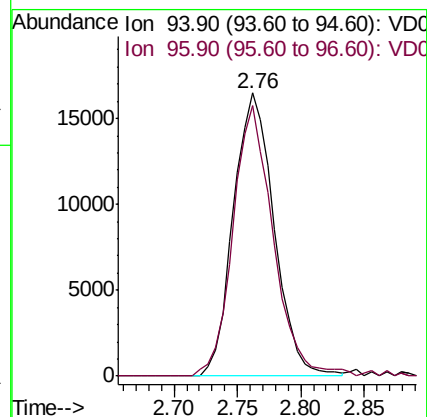
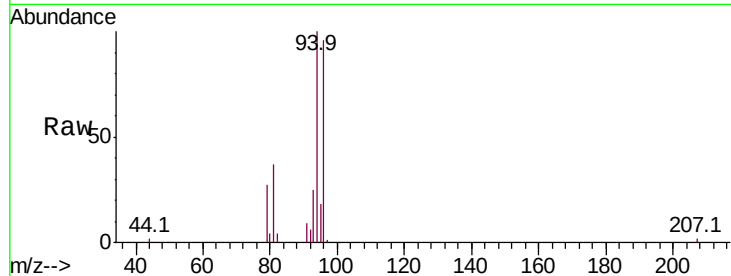
789UMR-TP11-0006-01MS

Tot Ion: 94 Resp: 36738

Ion Ratio Lower Upper

94 100

96 95.6 75.0 112.4



#6

Chloroethane

Concen: 48.185 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066463.D

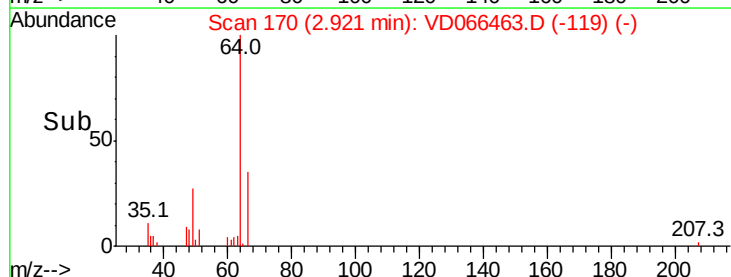
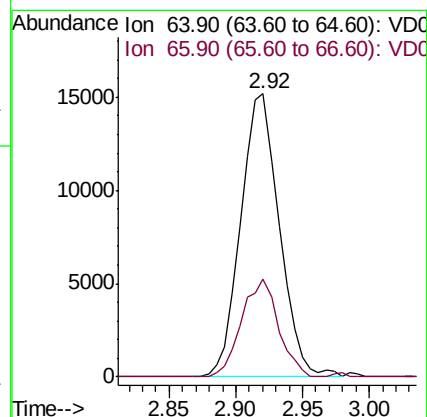
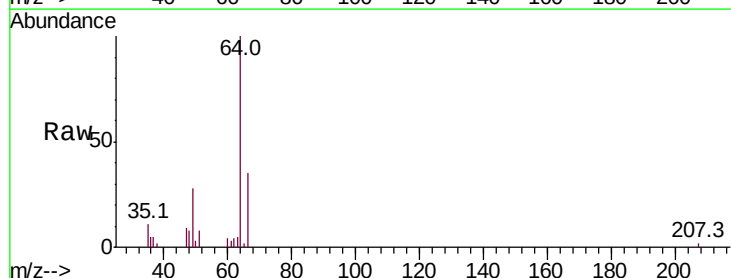
Acq: 28 Aug 2020 16:45

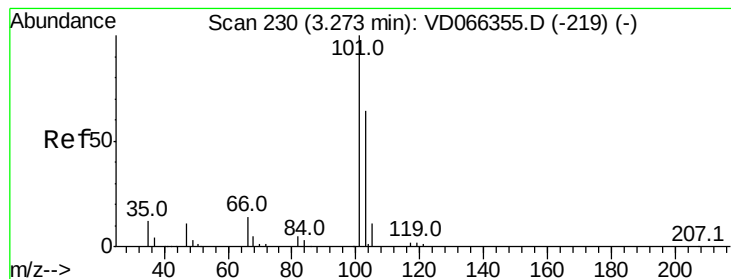
Tgt Ion: 64 Resp: 30413

Ion Ratio Lower Upper

64 100

66 34.6 25.9 38.9



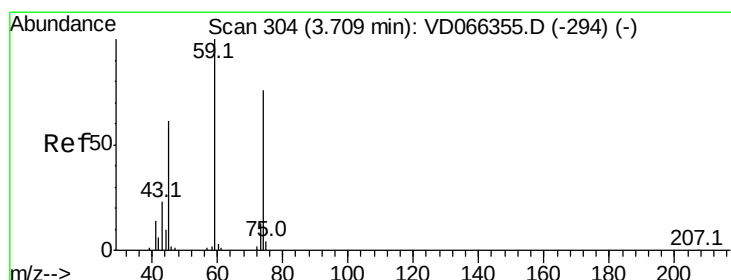
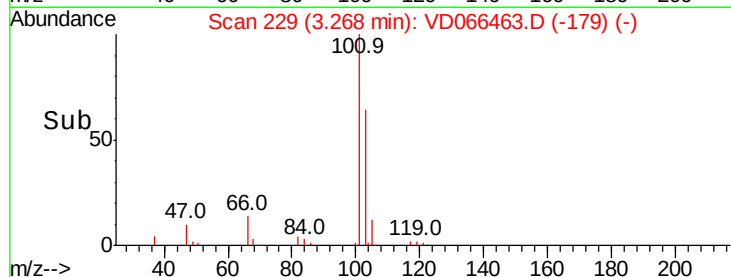
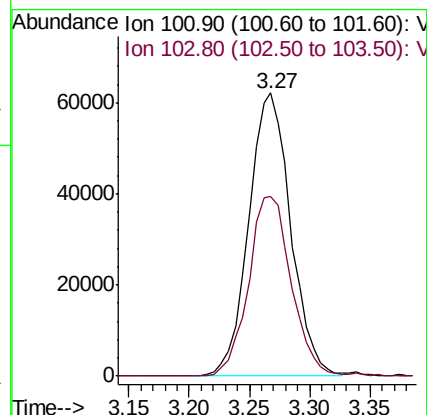
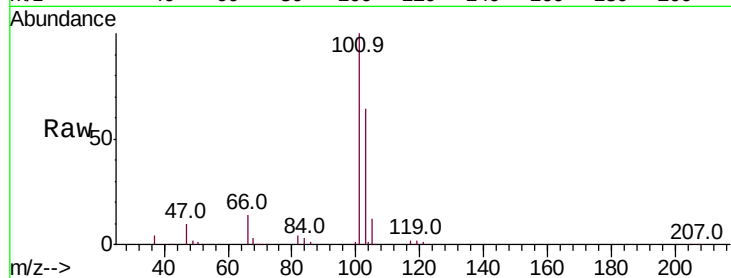


#7

Trichlorofluoromethane
 Concen: 55.829 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-0006-01MS

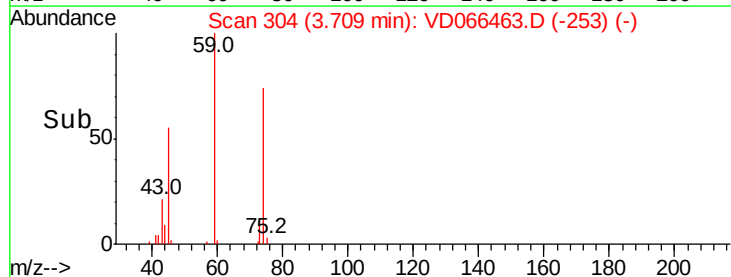
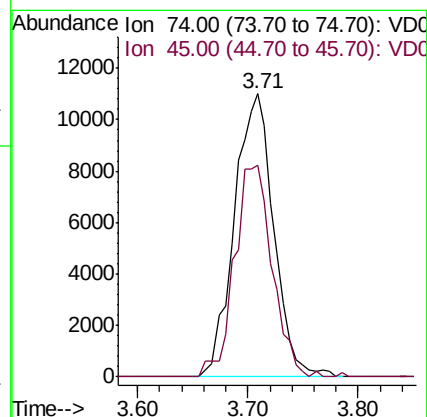
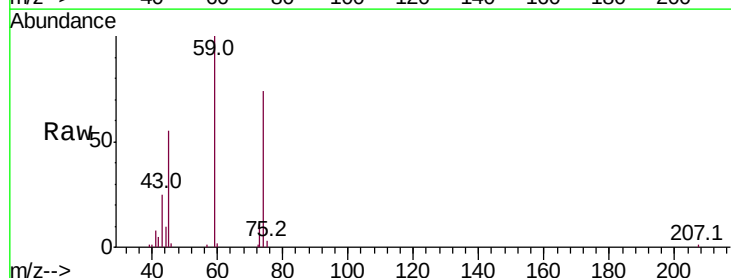
Tot Ion:101 Resp: 149642
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.0

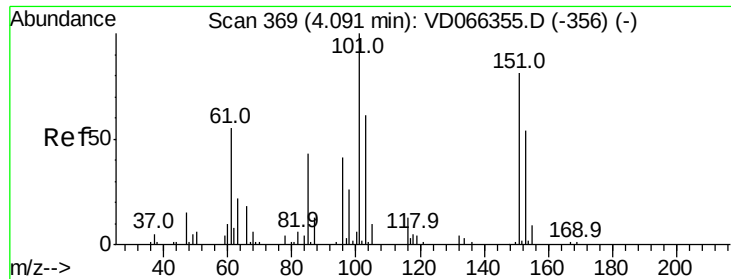


#8

Diethyl Ether
 Concen: 45.738 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

Tgt Ion: 74 Resp: 27468
 Ion Ratio Lower Upper
 74 100
 45 72.0 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.262 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0006-01MS

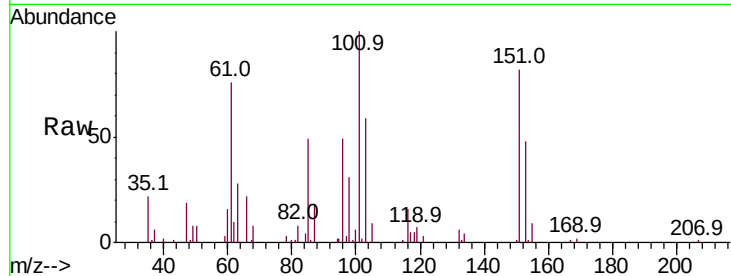
Tot Ion:101 Resp: 63840

Ion Ratio Lower Upper

101 100

85 47.9 36.4 54.6

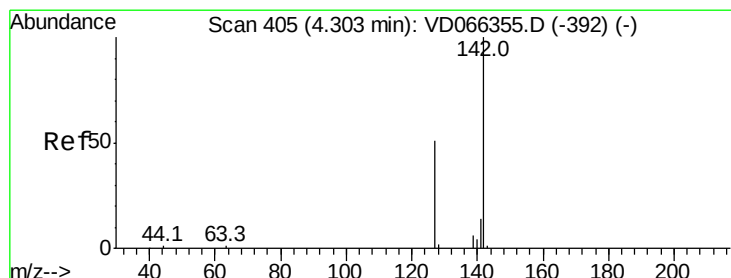
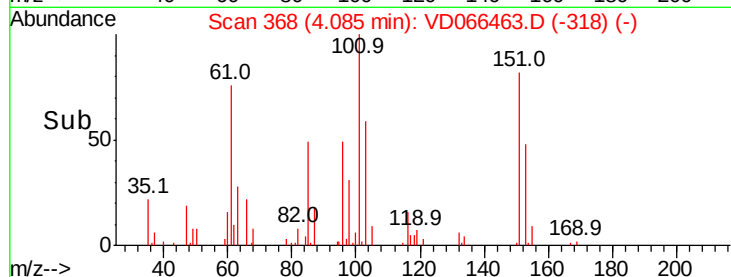
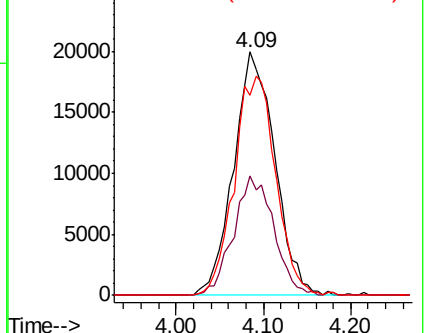
151 90.8 70.5 105.7



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: 43.222 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

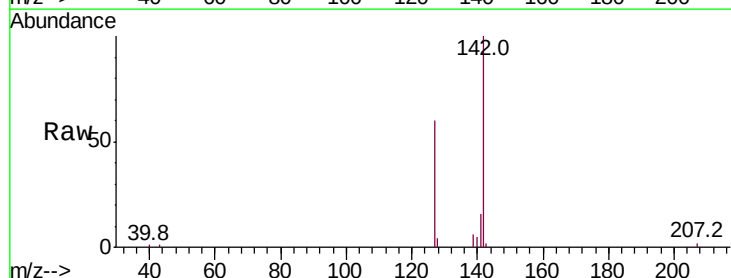
Tgt Ion:142 Resp: 65209

Ion Ratio Lower Upper

142 100

127 61.8 41.8 62.8

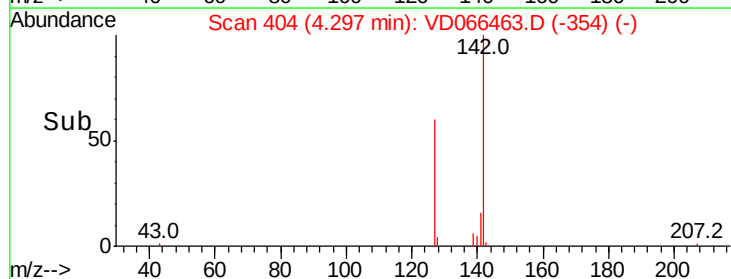
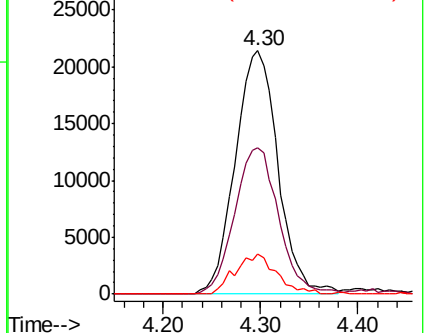
141 15.9 11.8 17.6

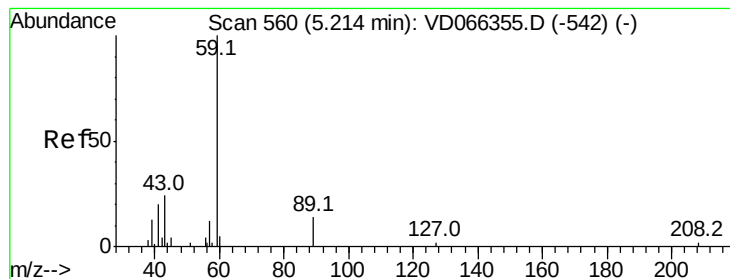


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



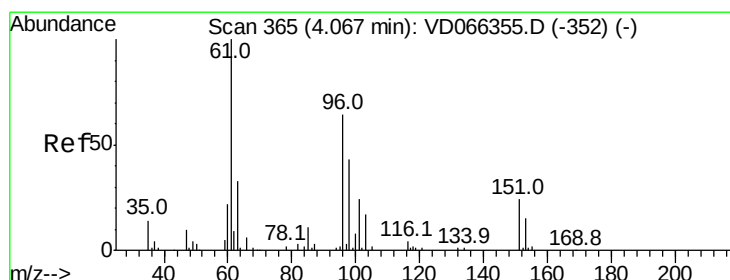
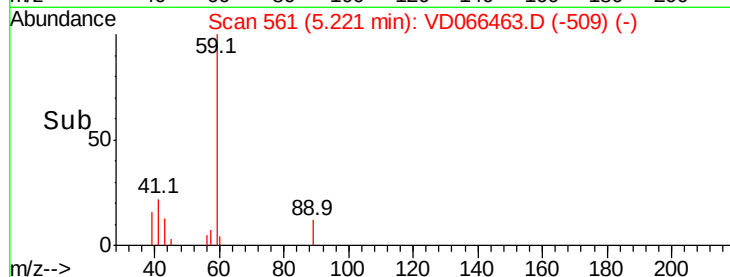
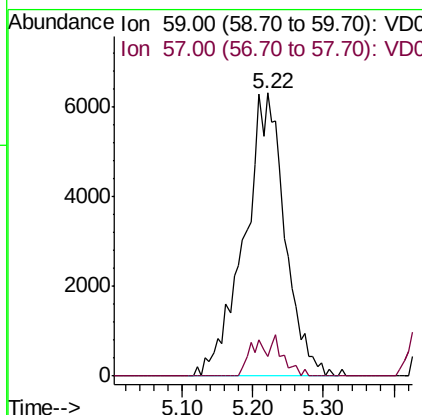
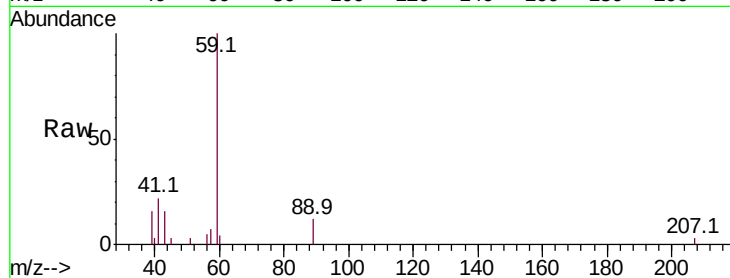


#11

Tert butyl alcohol
Concen: 305.195 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01MS

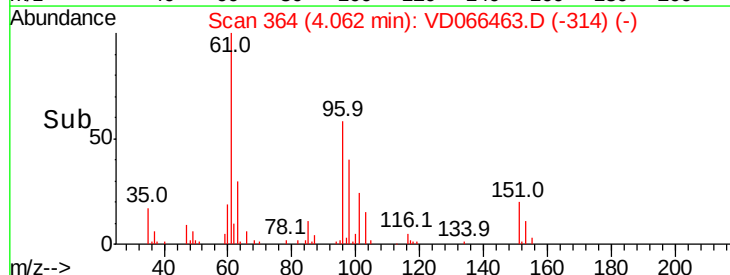
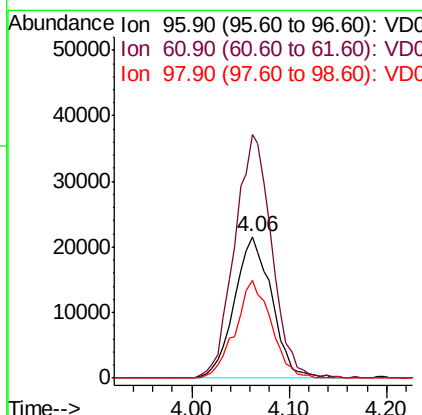
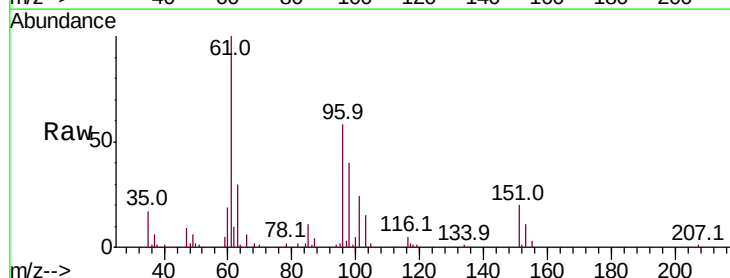
Tot Ion: 59 Resp: 25300
Ion Ratio Lower Upper
59 100
57 4.7 9.0 13.4#

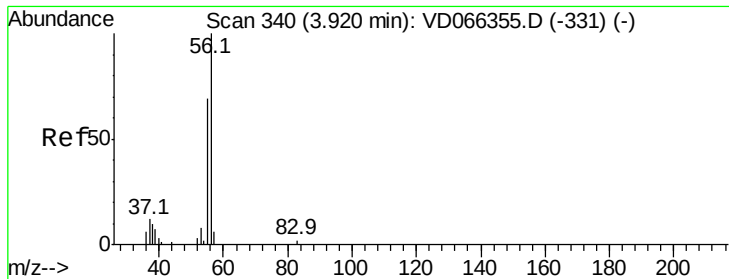


#12

1,1-Dichloroethene
Concen: 46.233 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Tgt Ion: 96 Resp: 57406
Ion Ratio Lower Upper
96 100
61 172.2 124.3 186.5
98 68.9 53.2 79.8





#13

Acrolein

Concen: 41.568 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

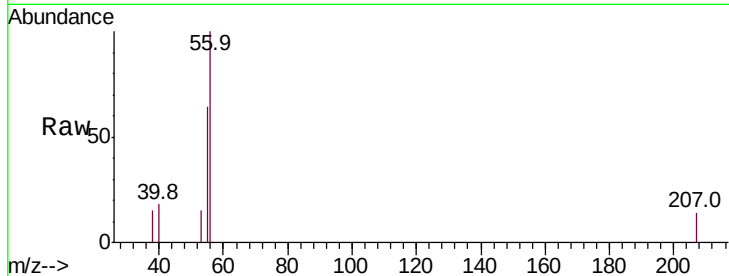
789UMR-TP11-0006-01MS

Tot Ion: 56 Resp: 2757

Ion Ratio Lower Upper

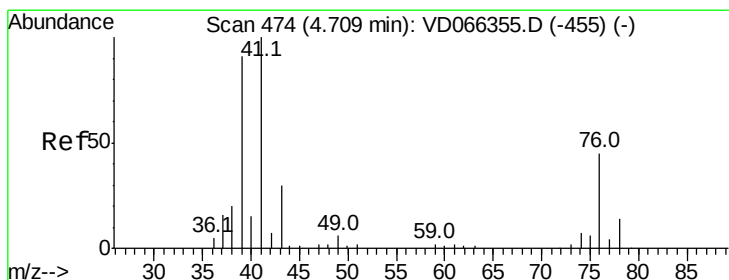
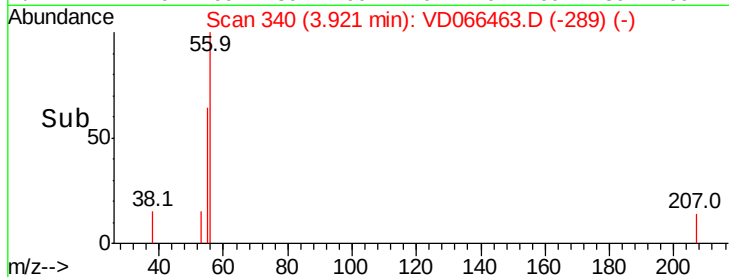
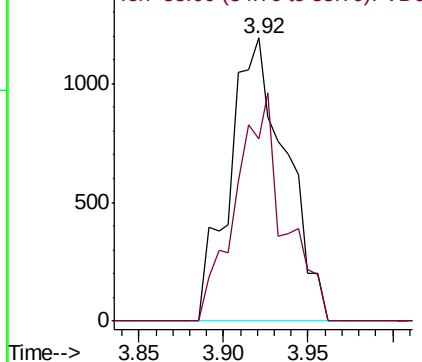
56 100

55 69.6 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 40.574 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

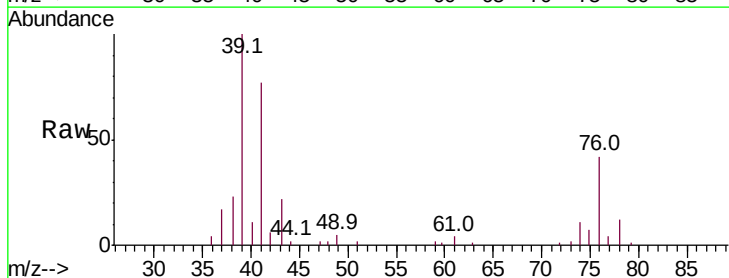
Tgt Ion: 41 Resp: 67244

Ion Ratio Lower Upper

41 100

39 117.0 72.8 109.2#

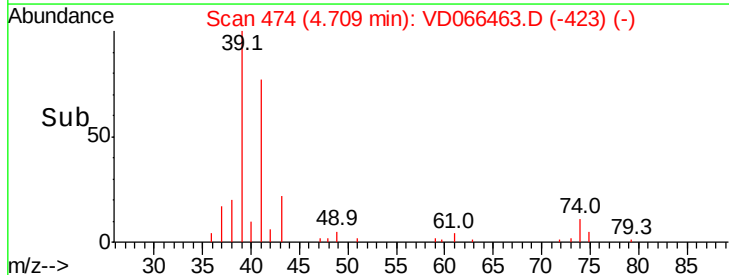
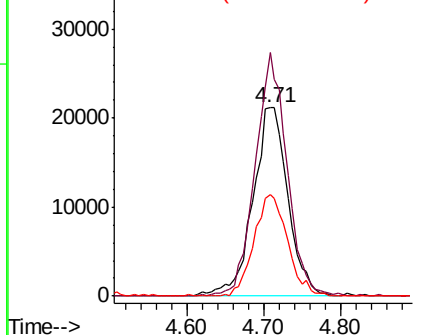
76 51.5 34.0 51.0#

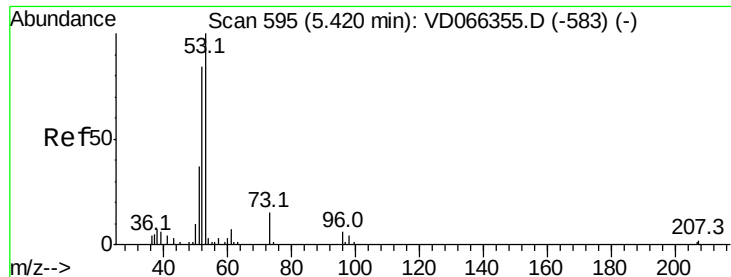


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 223.854 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0006-01MS

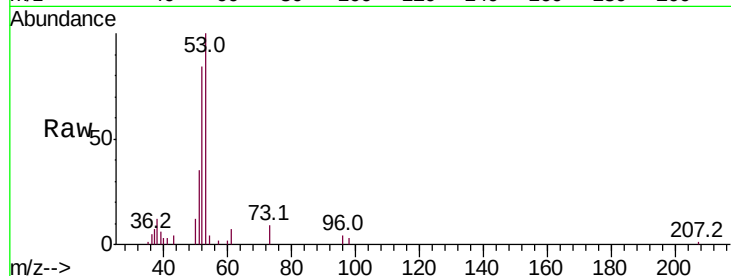
Tot Ion: 53 Resp: 53939

Ion Ratio Lower Upper

53 100

52 83.5 68.1 102.1

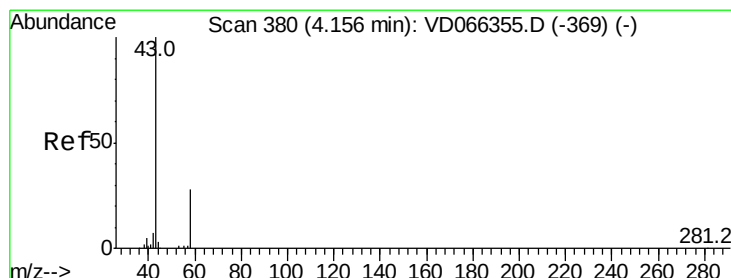
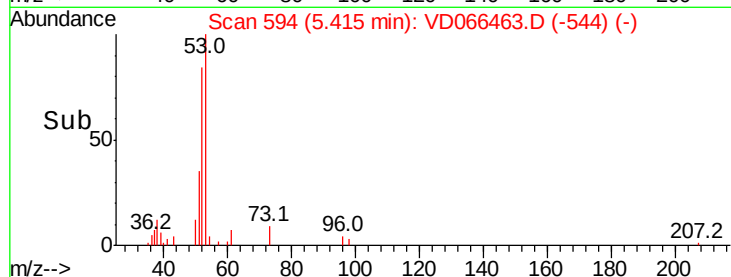
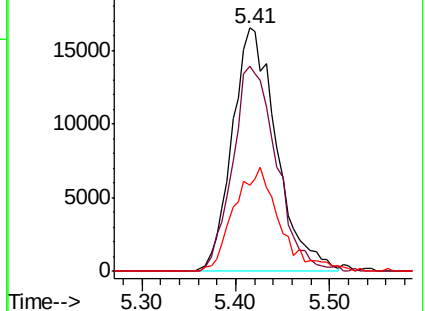
51 41.9 33.8 50.6



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 239.342 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066463.D

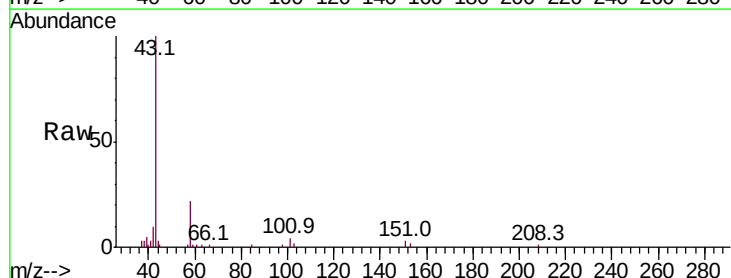
Acq: 28 Aug 2020 16:45

Tgt Ion: 43 Resp: 64448

Ion Ratio Lower Upper

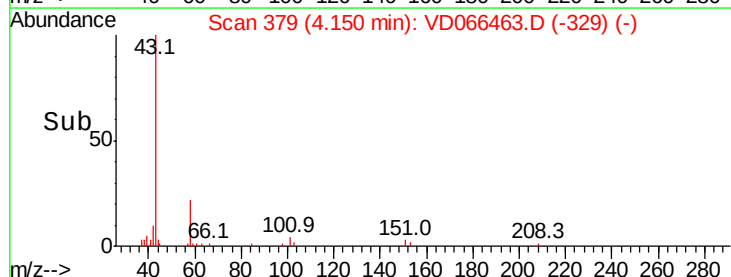
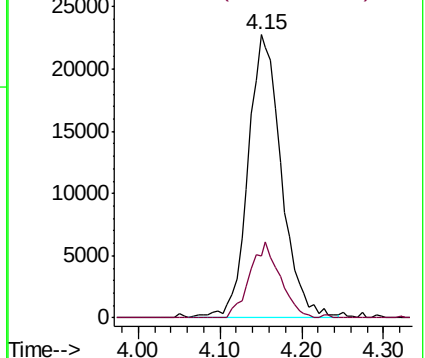
43 100

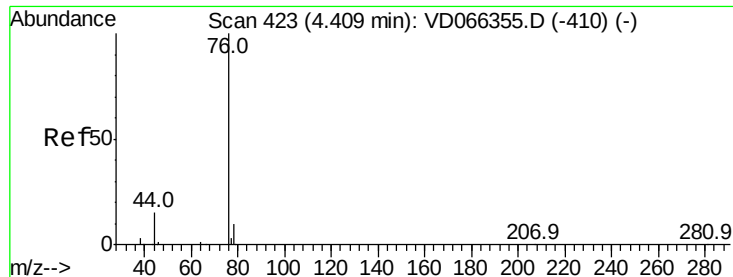
58 21.9 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 41.687 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

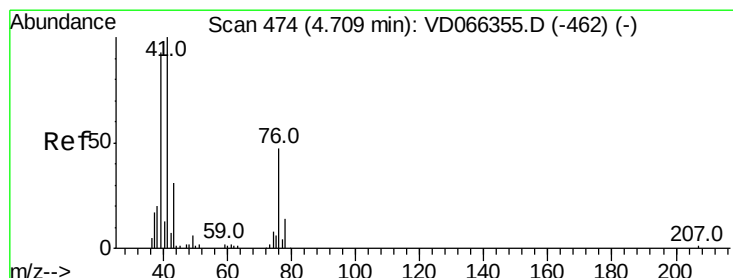
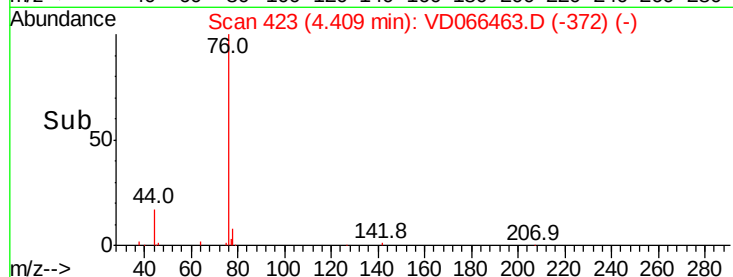
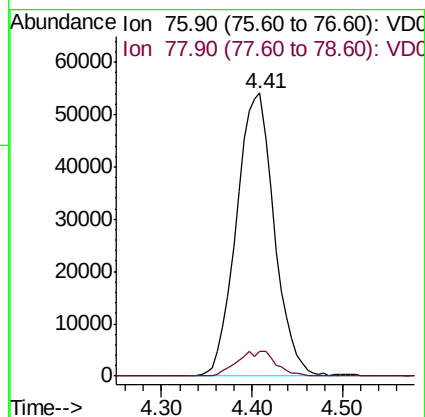
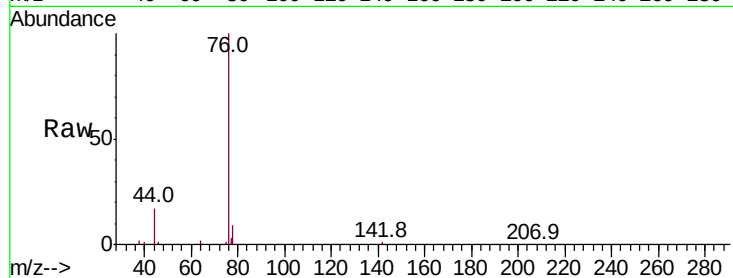
789UMR-TP11-0006-01MS

Tot Ion: 76 Resp: 156869

Ion Ratio Lower Upper

76 100

78 8.7 7.7 11.5



#18

Methyl Acetate

Concen: 43.191 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066463.D

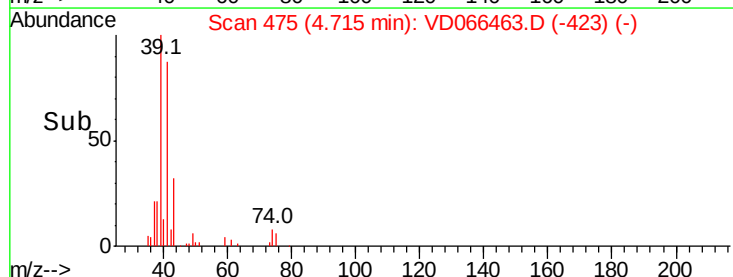
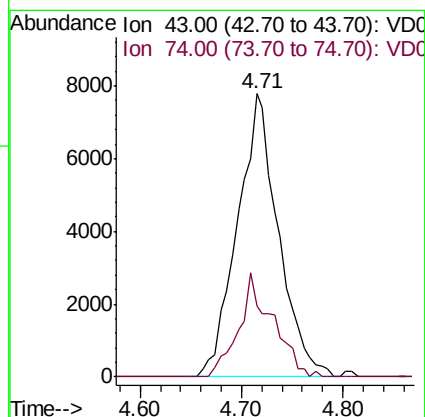
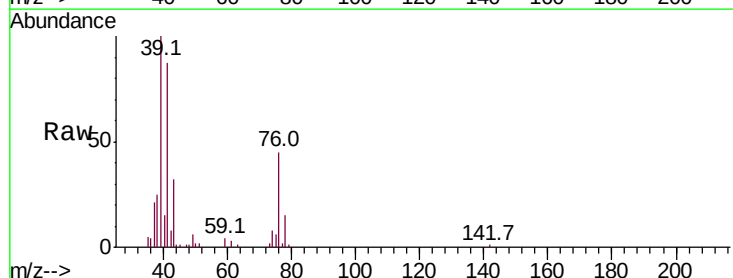
Acq: 28 Aug 2020 16:45

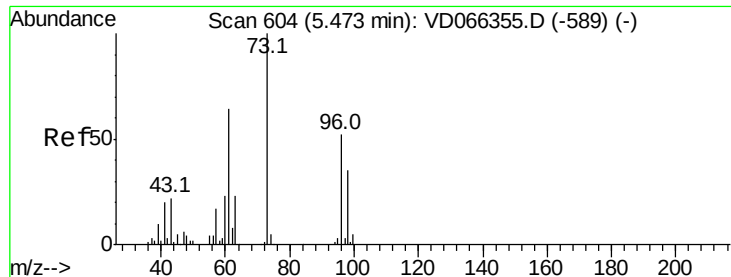
Tgt Ion: 43 Resp: 21828

Ion Ratio Lower Upper

43 100

74 30.1 21.0 31.6



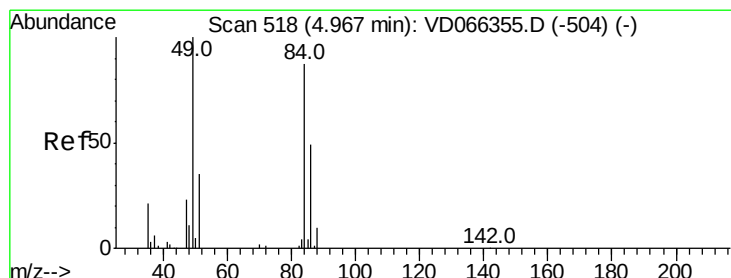
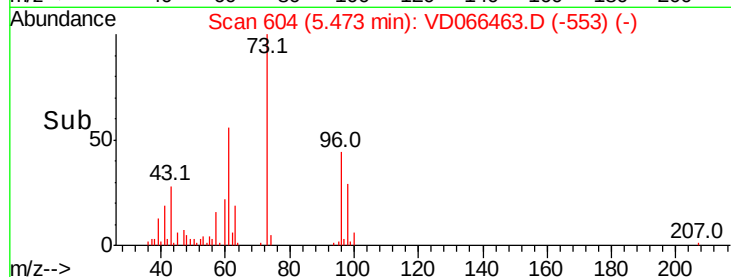
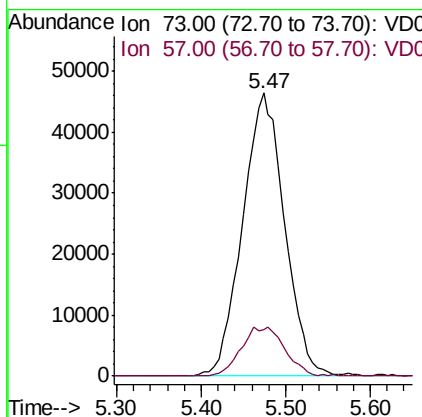
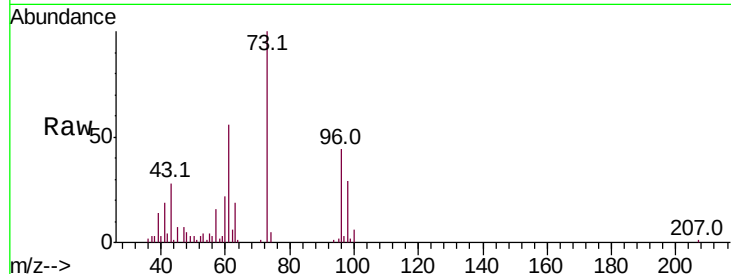


#19

Methyl tert-butyl Ether
 Concen: 53.543 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-0006-01MS

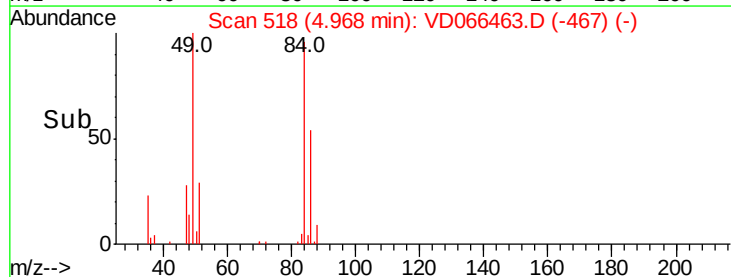
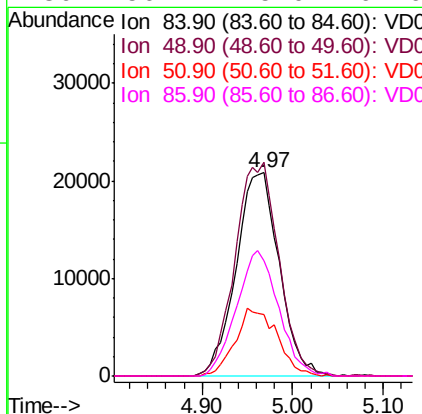
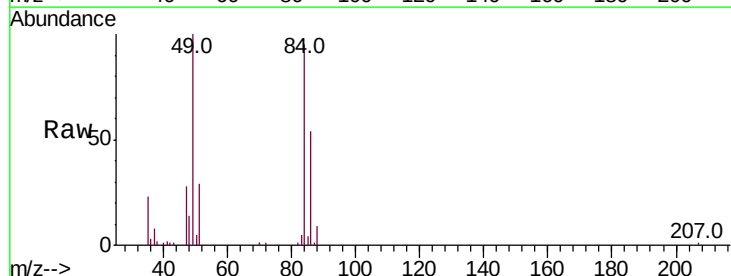
Tot Ion: 73 Resp: 160085
 Ion Ratio Lower Upper
 73 100
 57 16.4 13.8 20.6

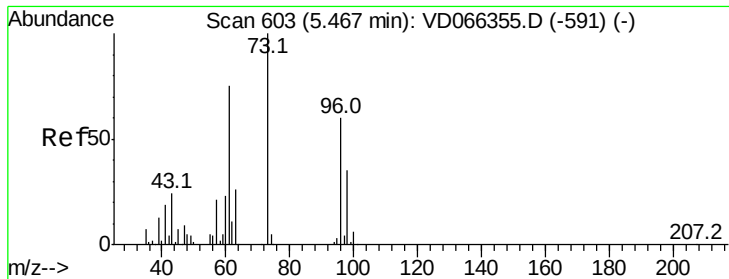


#20

Methylene Chloride
 Concen: 47.666 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

Tgt Ion: 84 Resp: 69013
 Ion Ratio Lower Upper
 84 100
 49 105.1 92.5 138.7
 51 30.4 32.5 48.7#
 86 56.4 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 46.430 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0006-01MS

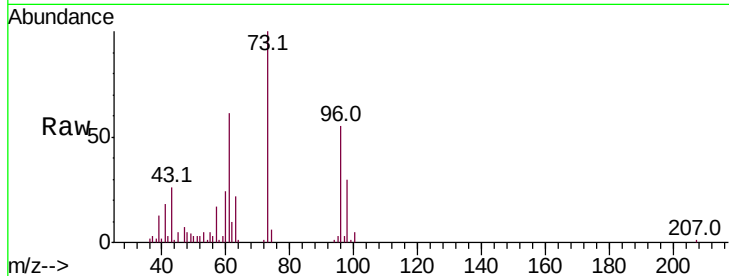
Tot Ion: 96 Resp: 67108

Ion Ratio Lower Upper

96 100

61 111.8 101.1 151.7

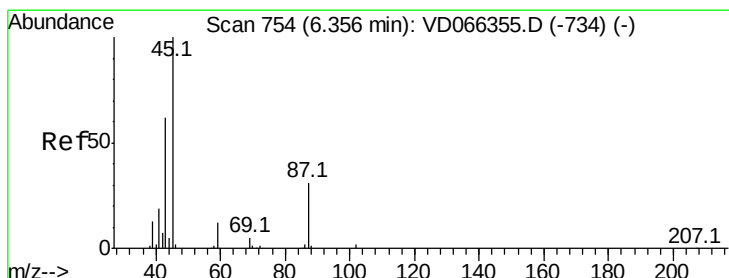
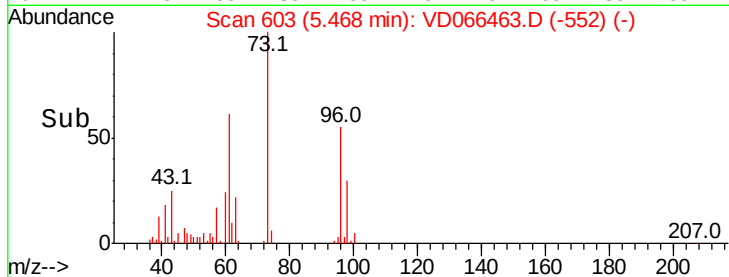
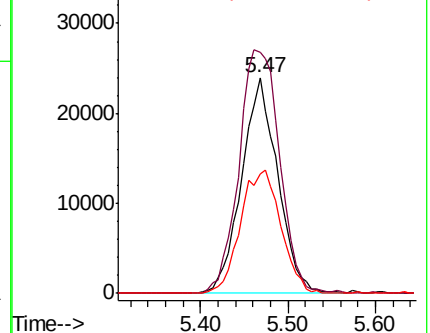
98 55.5 47.0 70.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 42.988 ug/l

RT: 6.36 min Scan# 754

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Tgt Ion: 45 Resp: 137937

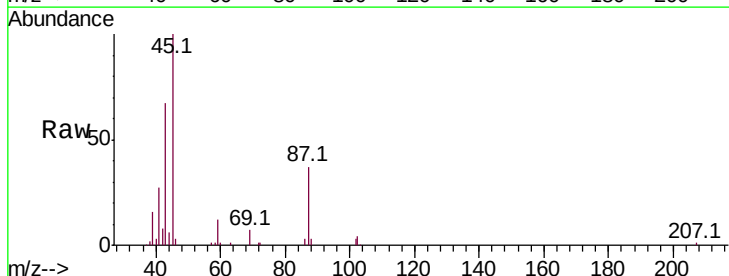
Ion Ratio Lower Upper

45 100

43 66.3 49.8 74.8

87 37.0 25.0 37.6

59 11.8 9.6 14.4

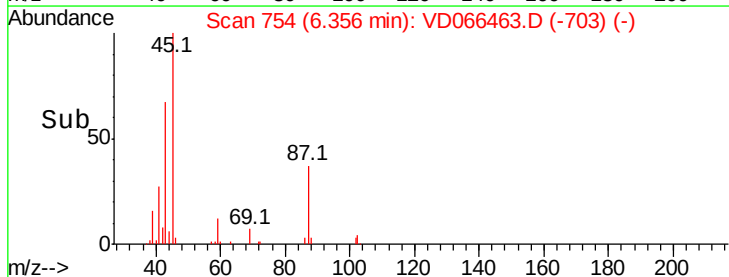
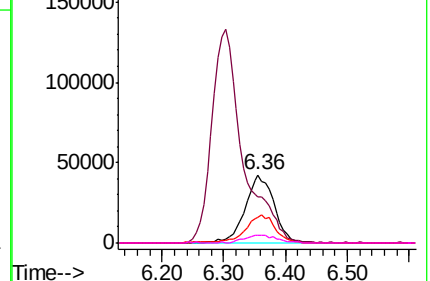


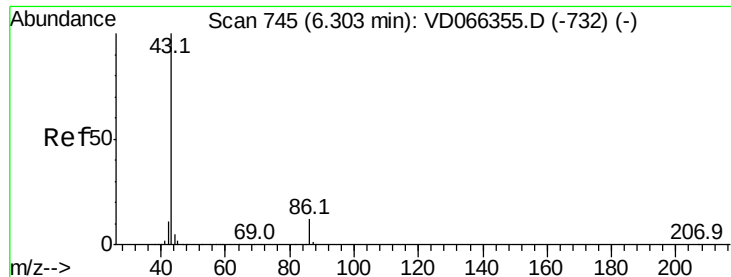
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 233.131 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

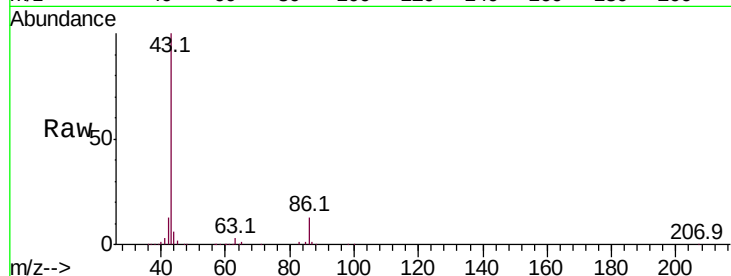
789UMR-TP11-0006-01MS

Tot Ion: 43 Resp: 463098

Ion Ratio Lower Upper

43 100

86 13.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

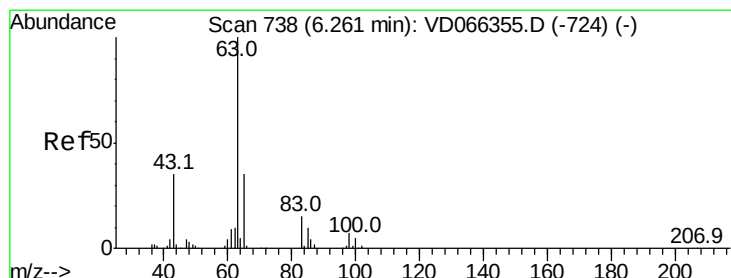
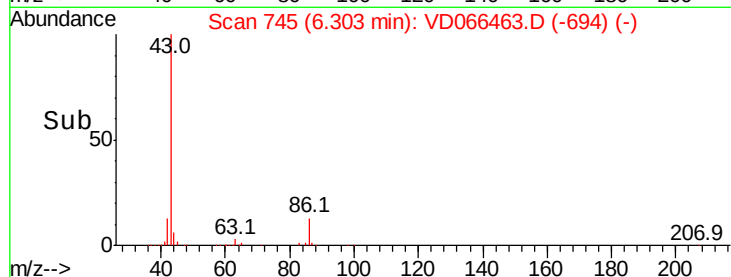
150000

100000

50000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 45.975 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

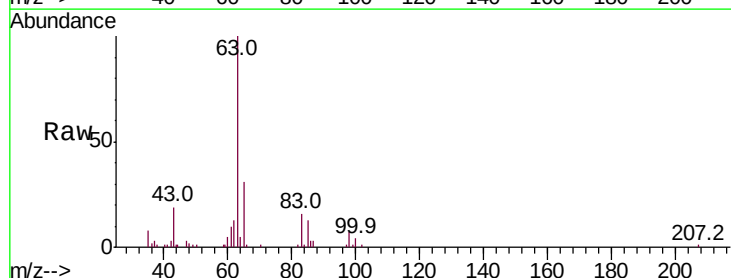
Tgt Ion: 63 Resp: 104251

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.6

100 4.4 2.5 7.6



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

6.26

40000

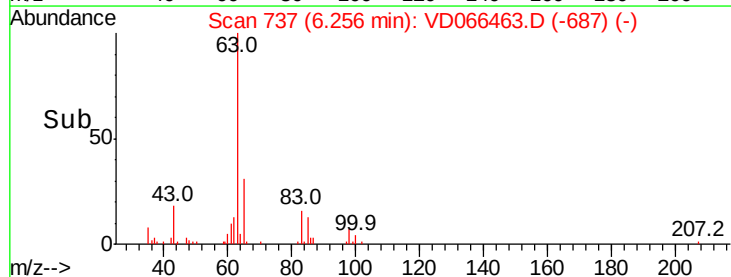
30000

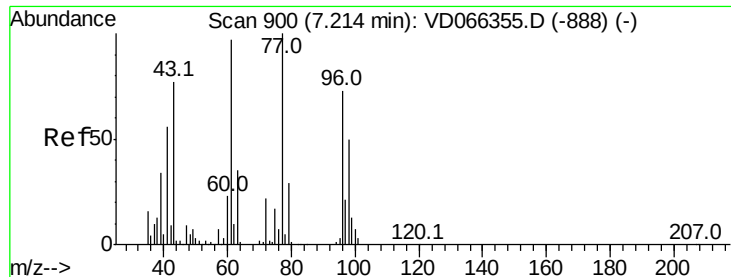
20000

10000

0

Time--> 6.20 6.30 6.40





#25

2-Butanone

Concen: 231.290 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

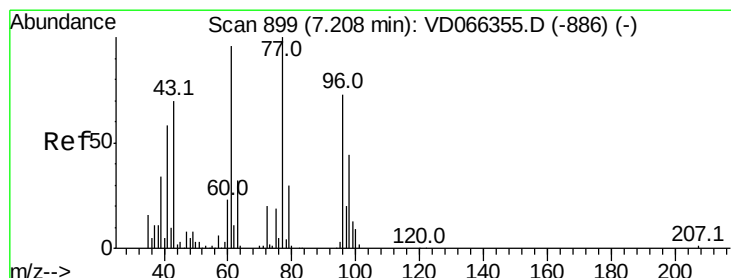
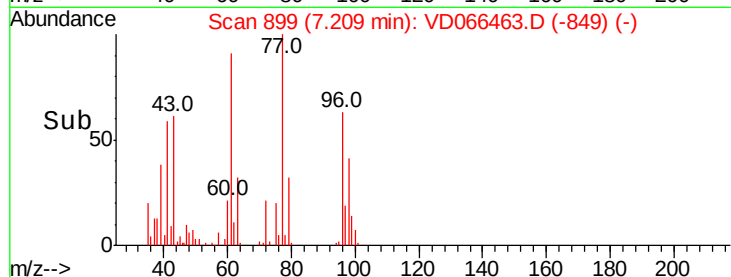
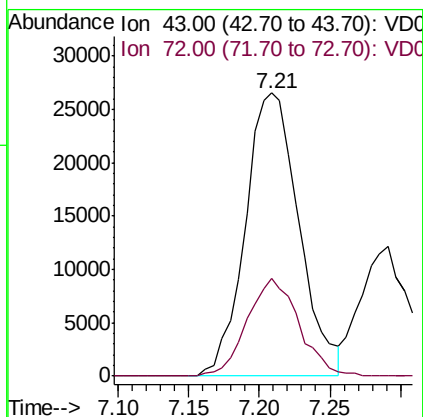
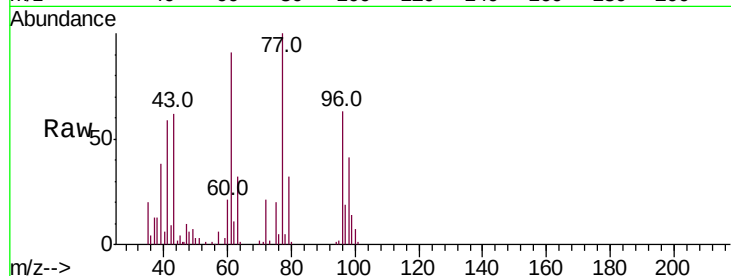
789UMR-TP11-0006-01MS

Tot Ion: 43 Resp: 70703

Ion Ratio Lower Upper

43 100

72 34.7 22.5 33.7#



#26

2,2-Dichloropropane

Concen: 54.052 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066463.D

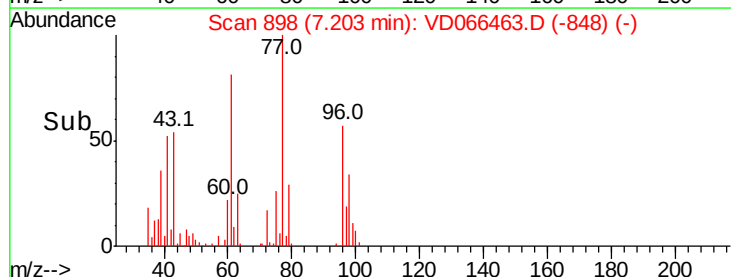
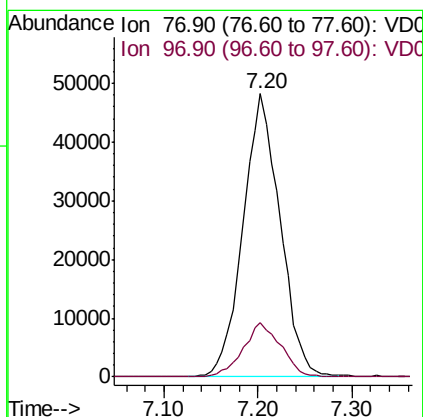
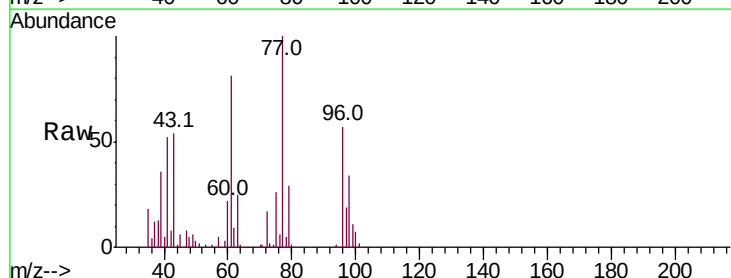
Acq: 28 Aug 2020 16:45

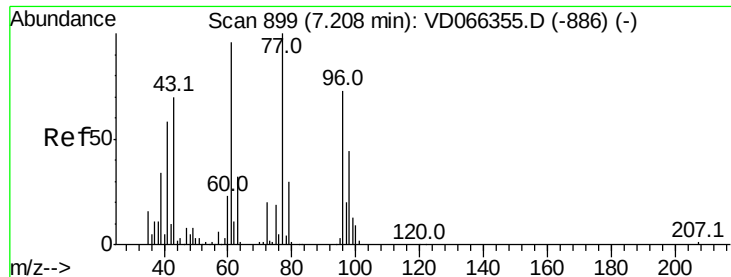
Tgt Ion: 77 Resp: 131366

Ion Ratio Lower Upper

77 100

97 19.3 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 48.465 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0006-01MS

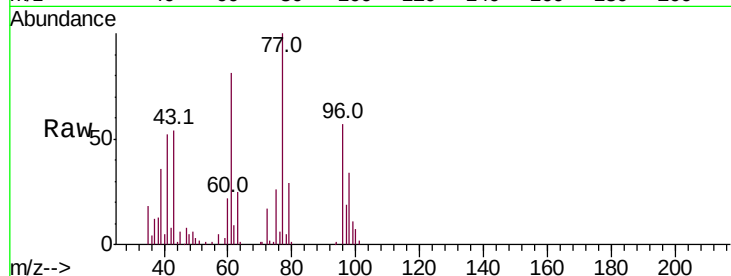
Tot Ion: 96 Resp: 75058

Ion Ratio Lower Upper

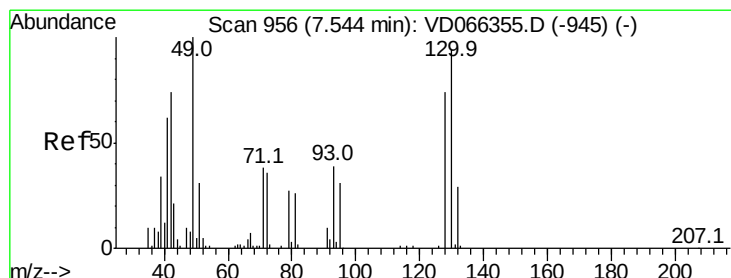
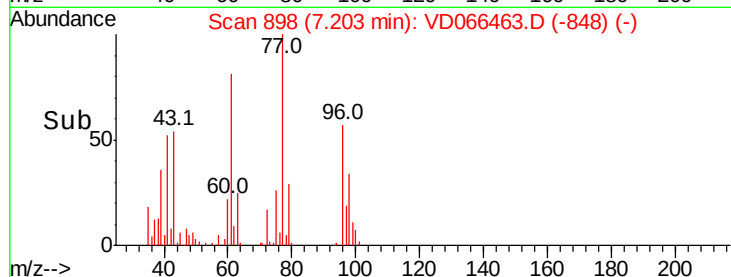
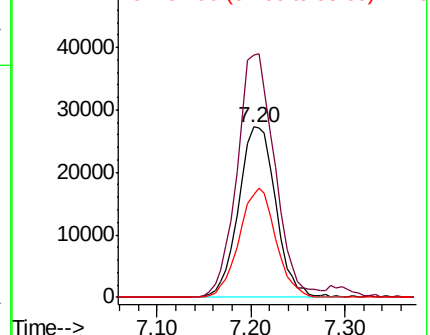
96 100

61 144.5 0.0 281.4

98 62.8 0.0 132.2



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



#28

Bromochloromethane

Concen: 42.810 ug/l

RT: 7.54 min Scan# 955

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

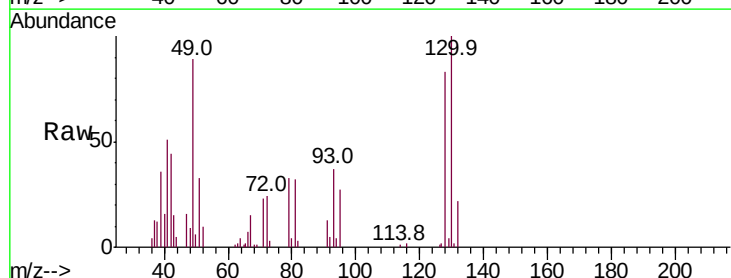
Tgt Ion: 49 Resp: 33438

Ion Ratio Lower Upper

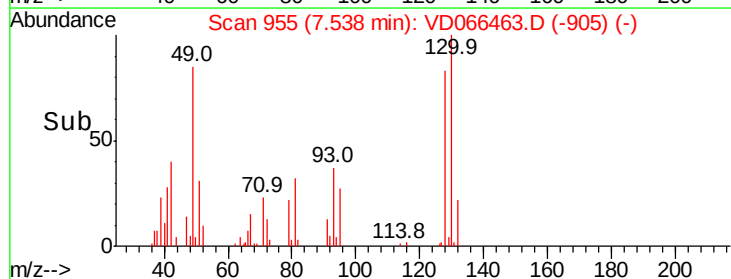
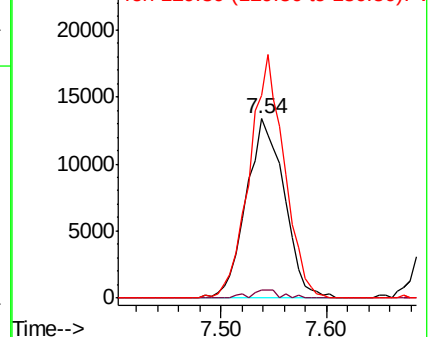
49 100

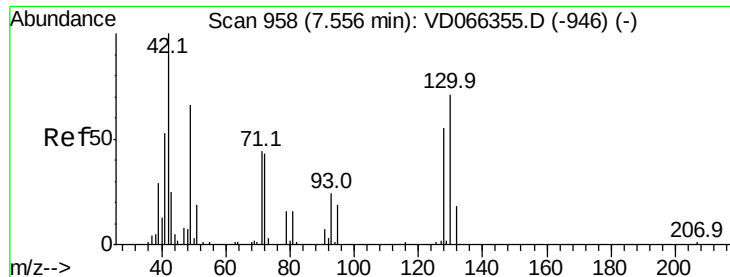
129 3.4 0.0 3.0#

130 124.2 82.6 124.0#



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

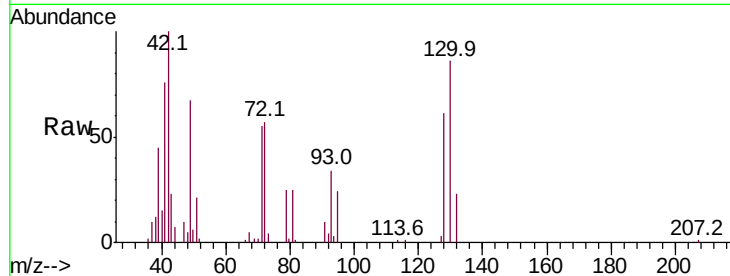




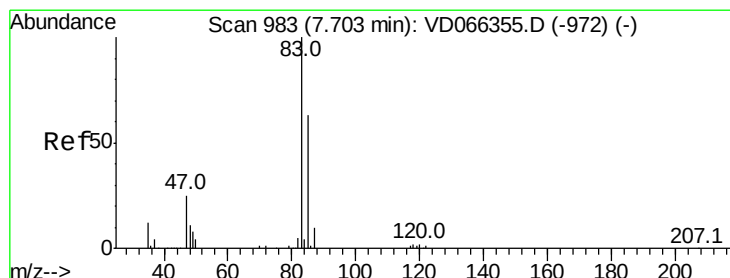
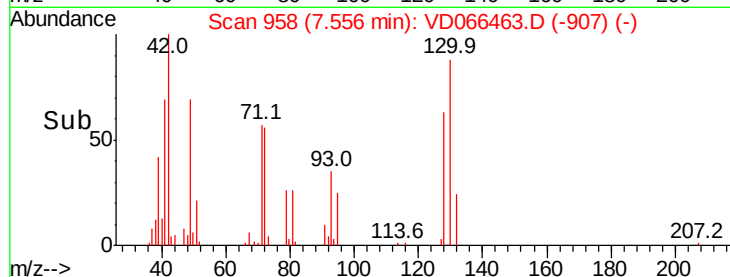
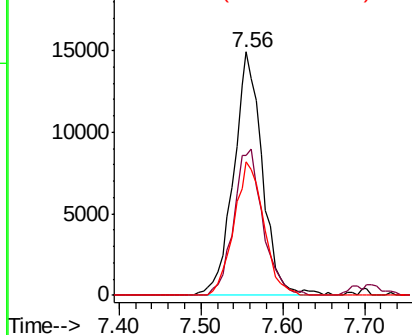
#29
Tetrahydrofuran
Concen: 209.160 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01MS

Tot Ion: 42 Resp: 36316
Ion Ratio Lower Upper
42 100
72 61.3 41.0 61.4
71 56.6 37.2 55.8#

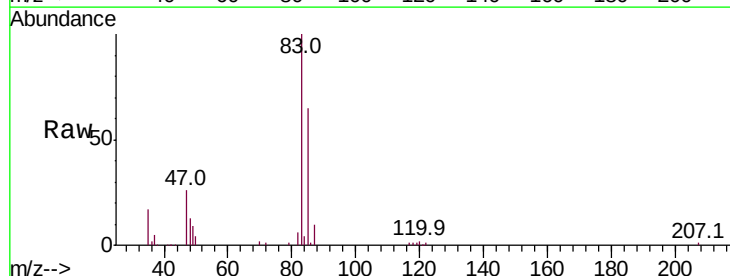


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

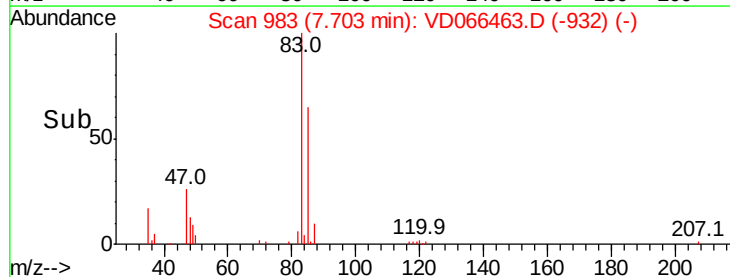
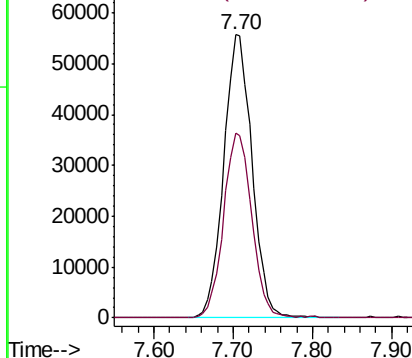


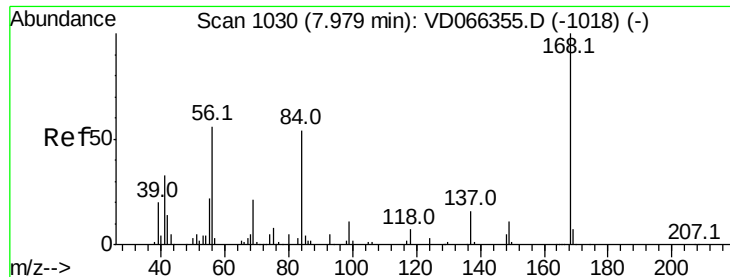
#30
Chloroform
Concen: 52.447 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Tgt Ion: 83 Resp: 137599
Ion Ratio Lower Upper
83 100
85 65.1 50.3 75.5



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

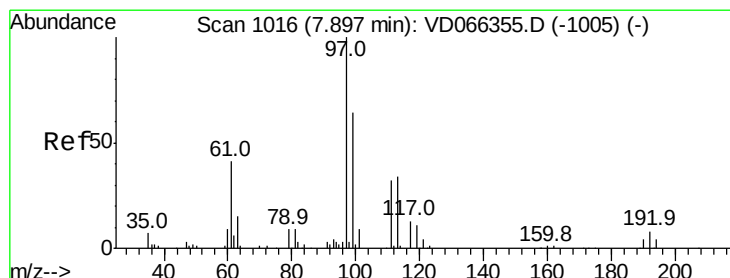
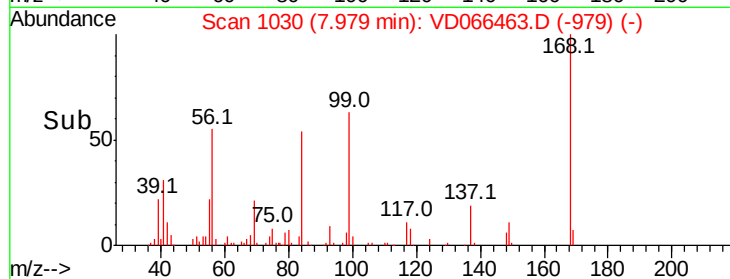
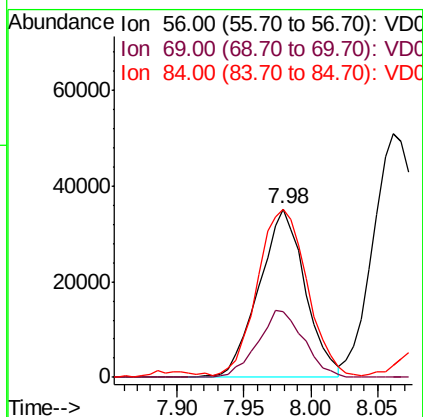
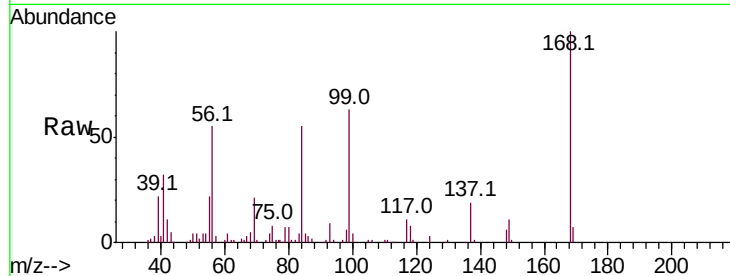




#31
Cyclohexane
Concen: 40.659 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

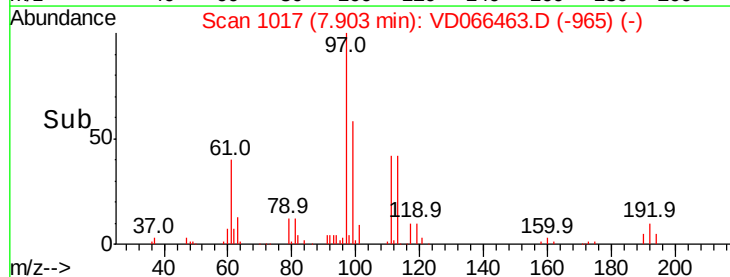
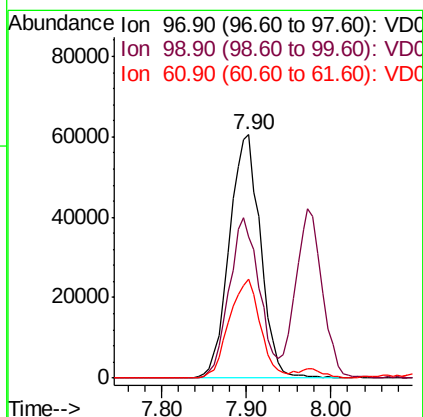
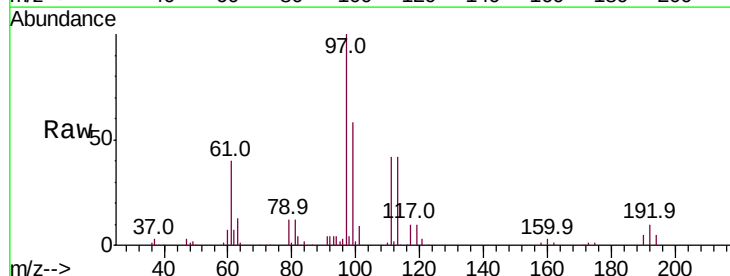
Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01MS

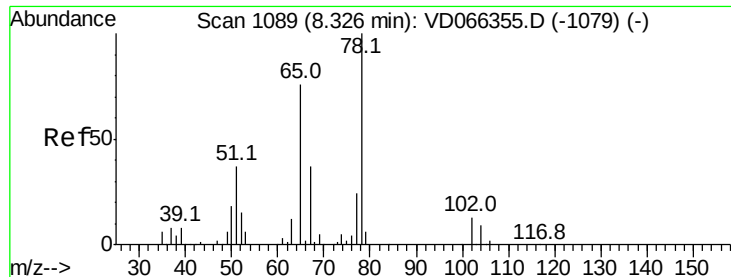
Tot Ion: 56 Resp: 84322
Ion Ratio Lower Upper
56 100
69 38.8 29.6 44.4
84 97.2 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 57.168 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Tgt Ion: 97 Resp: 153503
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 40.8 33.3 49.9

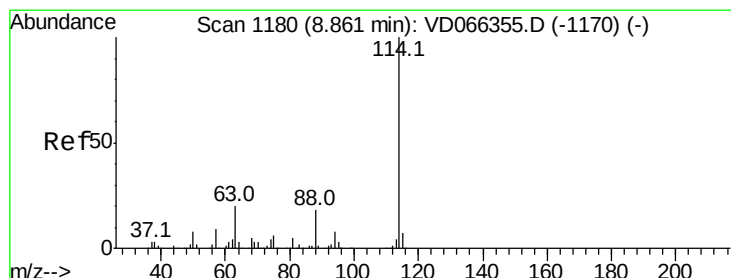
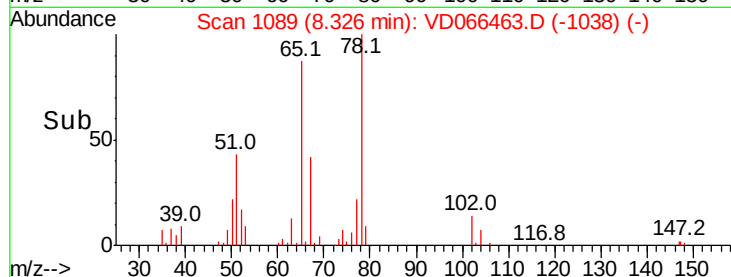
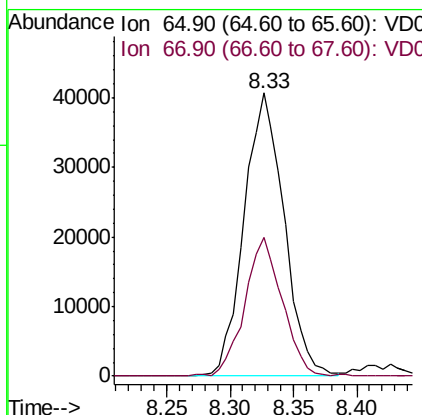
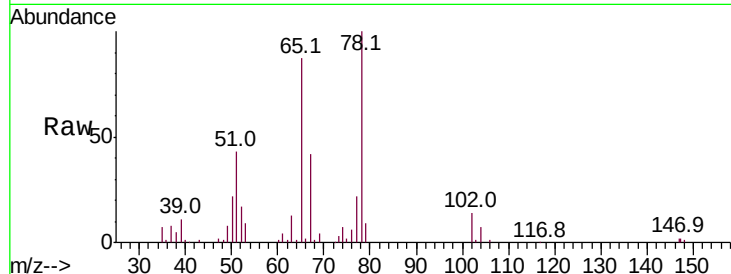




#33
 1,2-Dichloroethane-d4
 Concen: 59.768 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

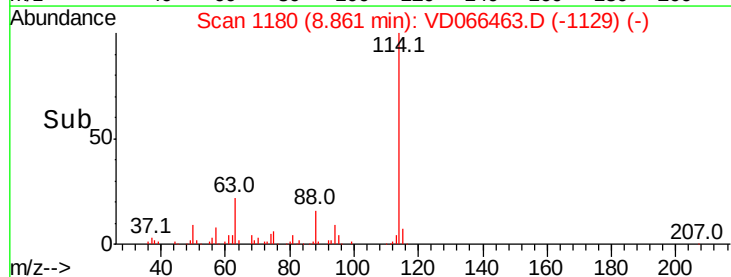
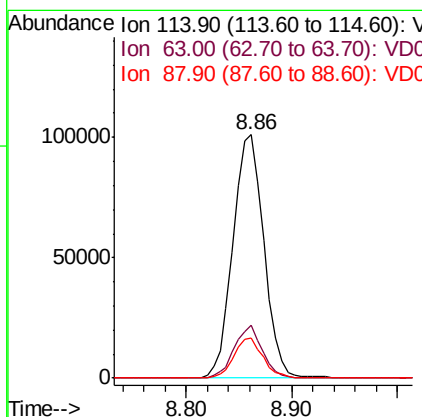
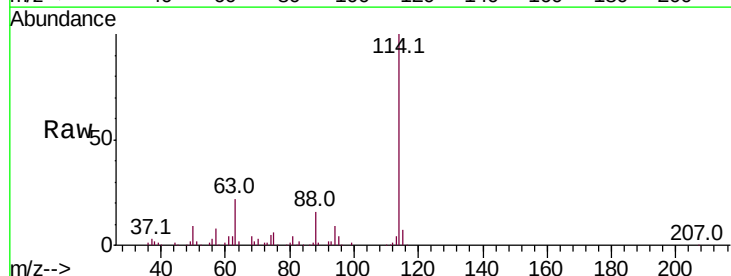
Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-0006-01MS

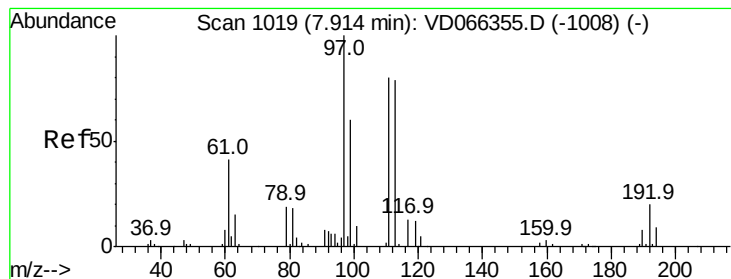
Tot Ion: 65 Resp: 89269
 Ion Ratio Lower Upper
 65 100
 67 46.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

Tgt Ion:114 Resp: 204891
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 40.8
 88 16.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.821 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0006-01MS

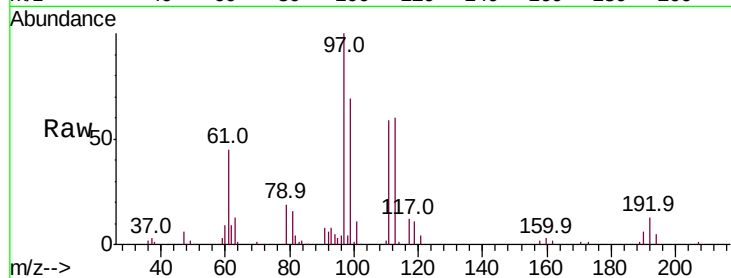
Tot Ion:113 Resp: 66393

Ion Ratio Lower Upper

113 100

111 103.9 80.3 120.5

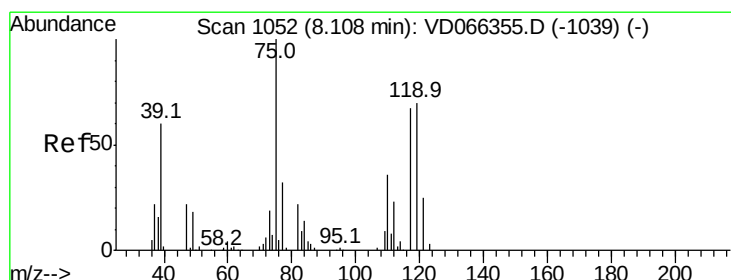
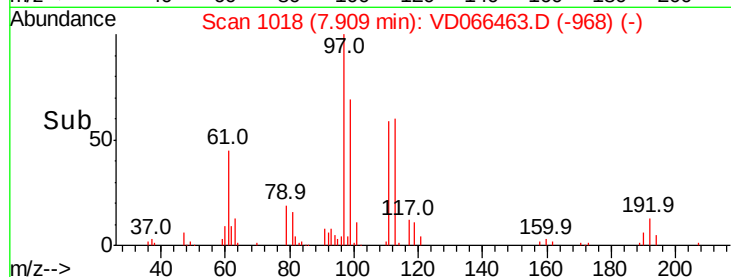
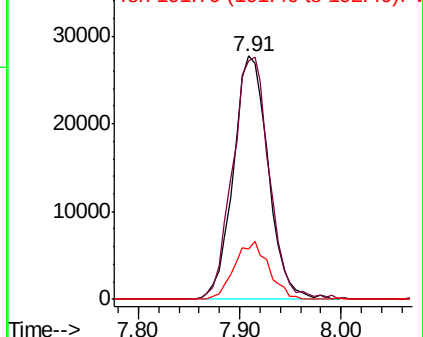
192 23.4 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.994 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

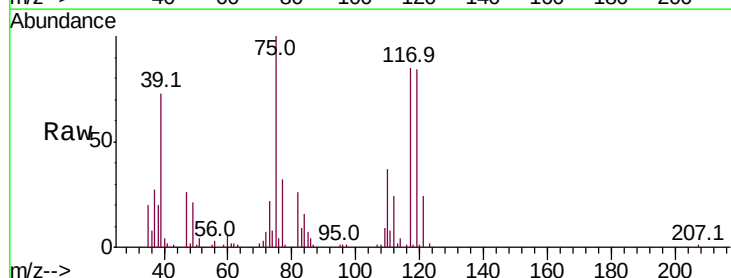
Tgt Ion: 75 Resp: 93463

Ion Ratio Lower Upper

75 100

110 38.5 18.7 56.1

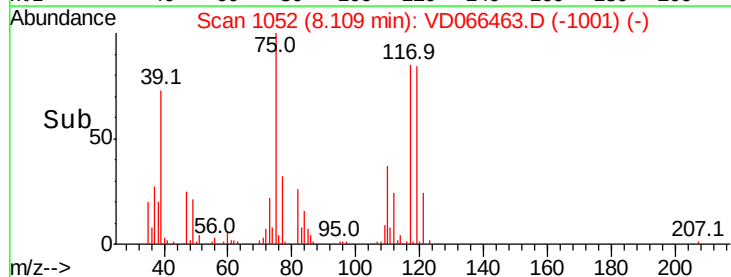
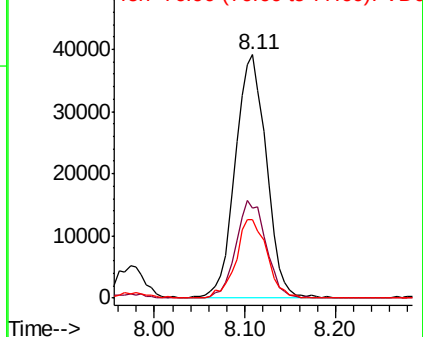
77 32.0 25.2 37.8

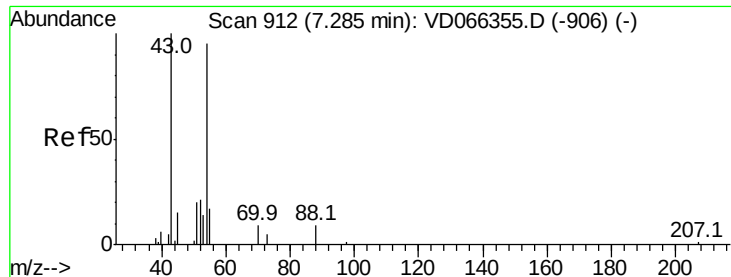


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 47.688 ug/l

RT: 7.29 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0006-01MS

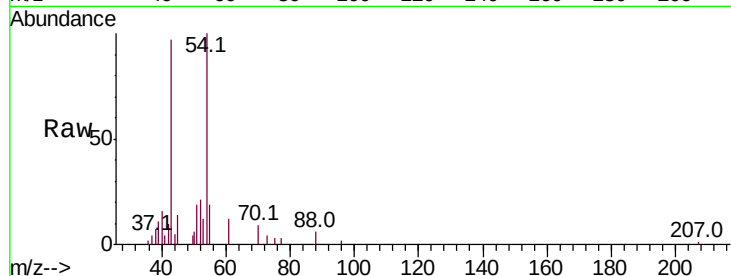
Tot Ion: 43 Resp: 30322

Ion Ratio Lower Upper

43 100

61 0.0 13.3 19.9#

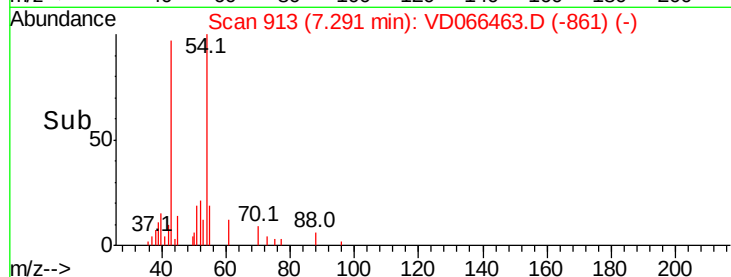
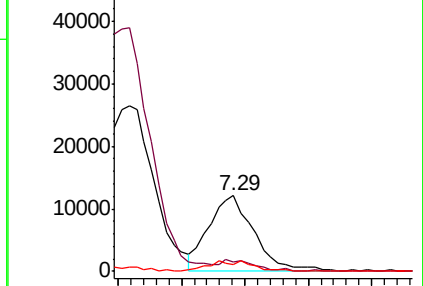
70 7.8 3.5 5.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 62.528 ug/l

RT: 8.09 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

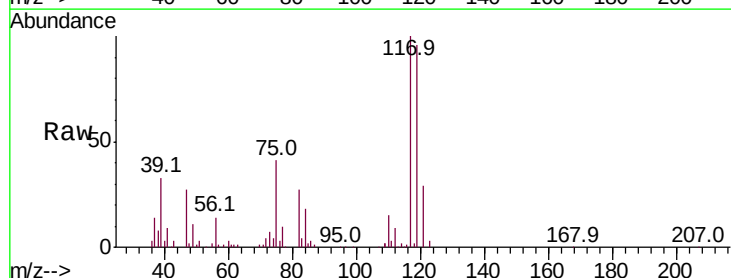
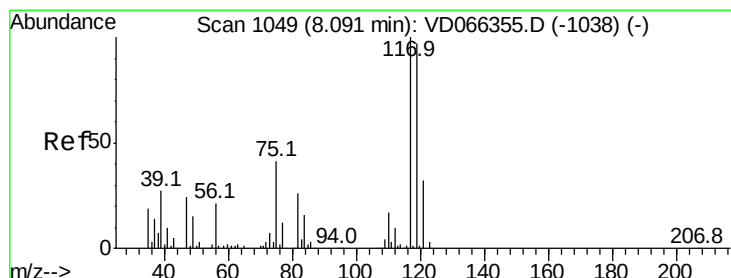
Tgt Ion: 117 Resp: 152298

Ion Ratio Lower Upper

117 100

119 96.3 77.2 115.8

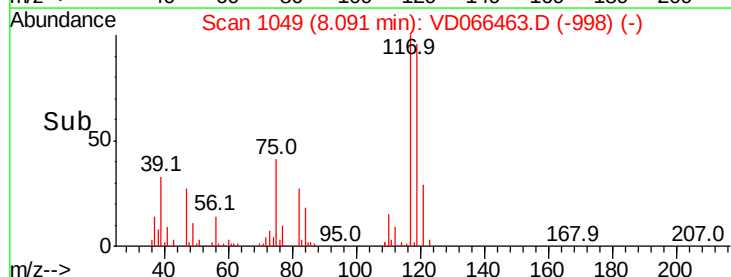
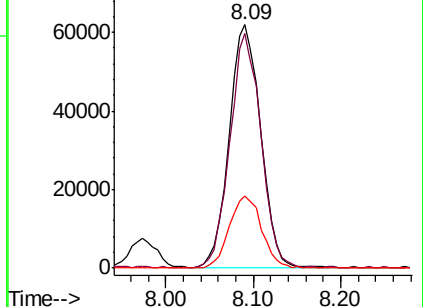
121 29.5 25.8 38.8

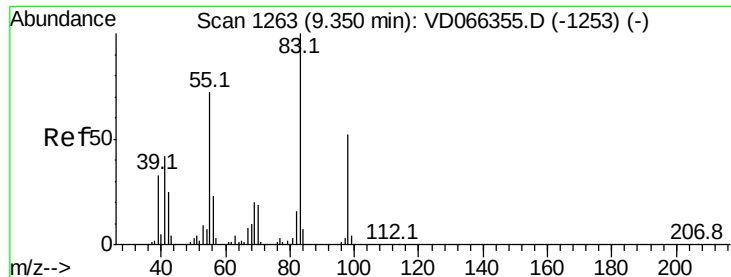


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

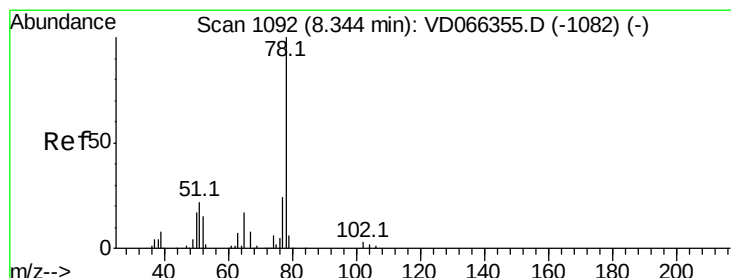
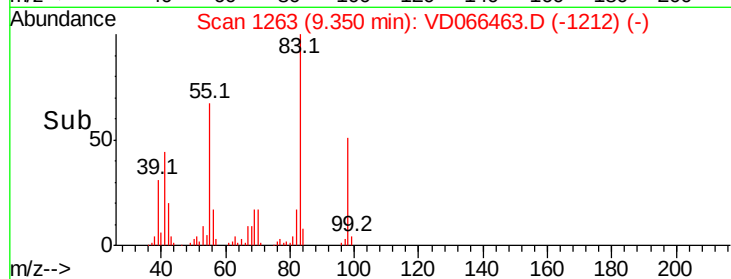
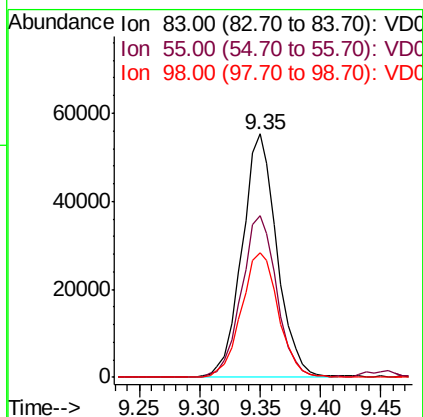
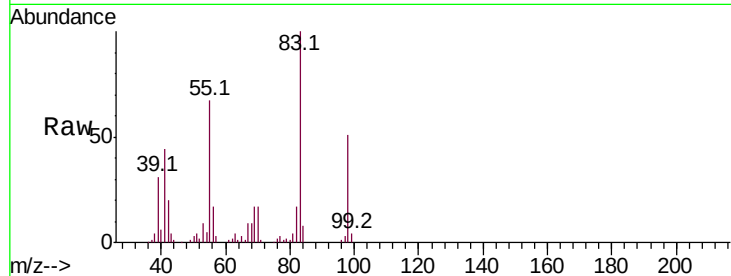




#39
Methylvlcyclohexane
Concen: 50.433 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

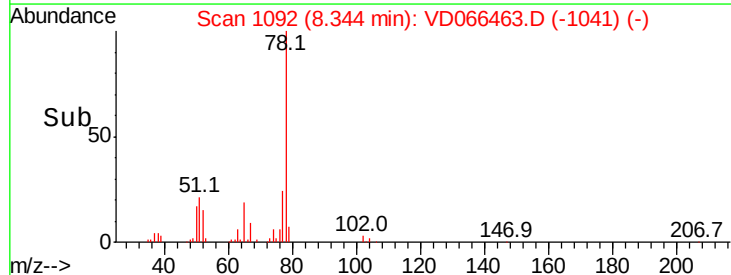
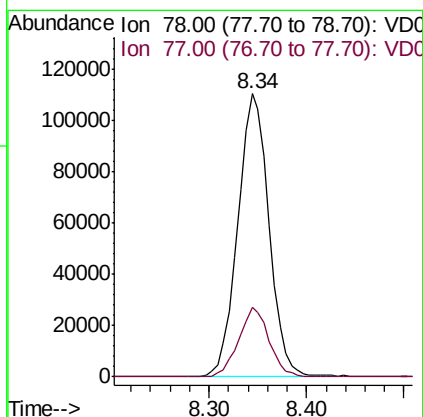
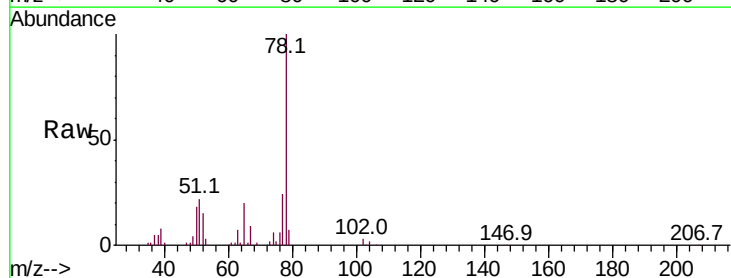
Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01MS

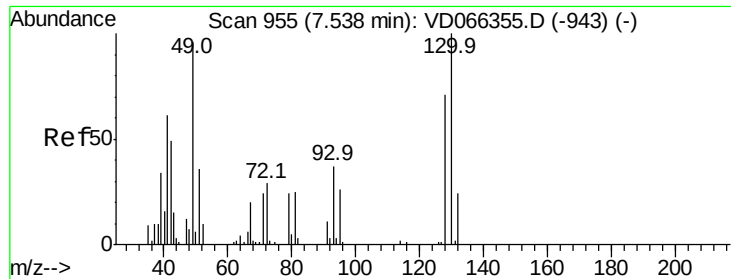
Tot Ion	Ratio	Lower	Upper
83	100		
55	66.6	58.0	87.0
98	51.0	41.9	62.9



#40
Benzene
Concen: 50.184 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2

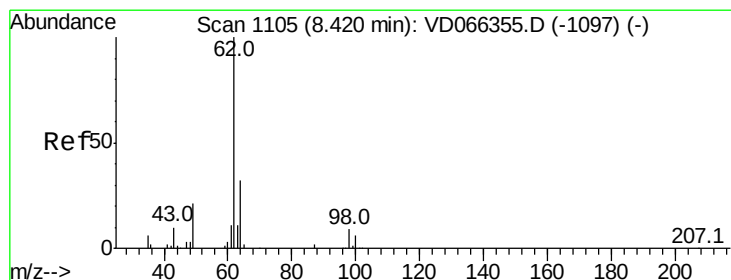
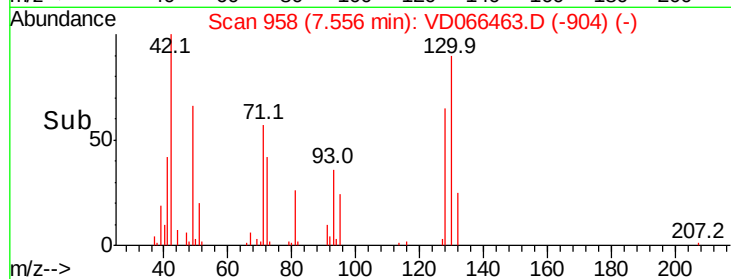
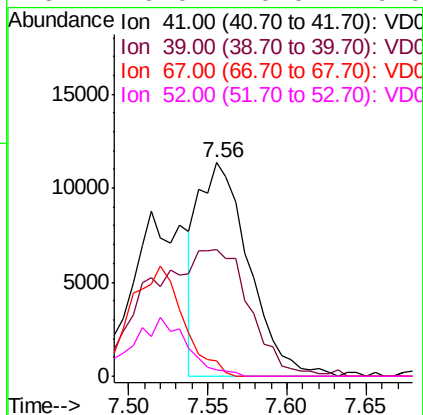
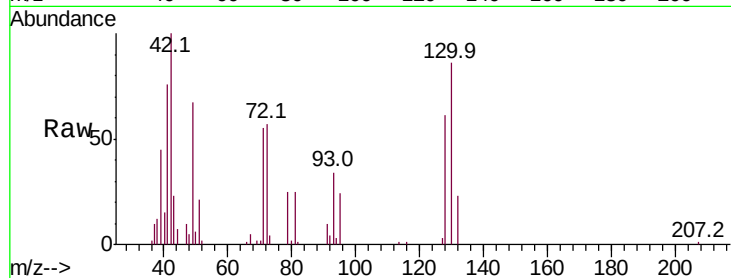




#41
Methacrylonitrile
Concen: 63.974 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.02 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

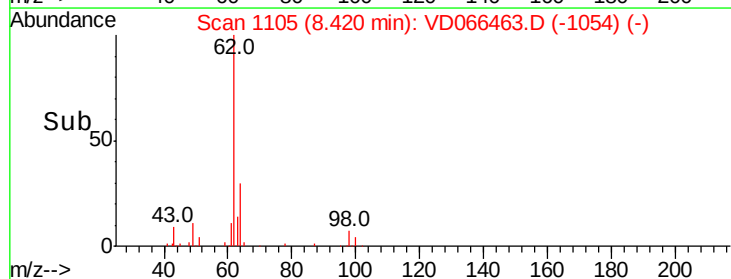
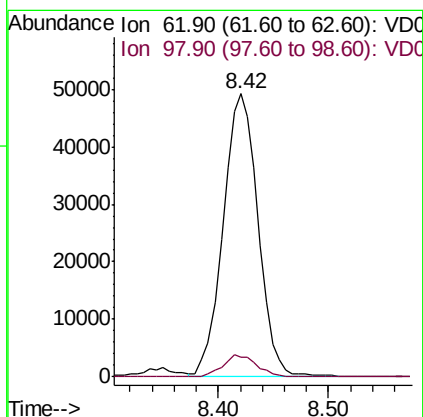
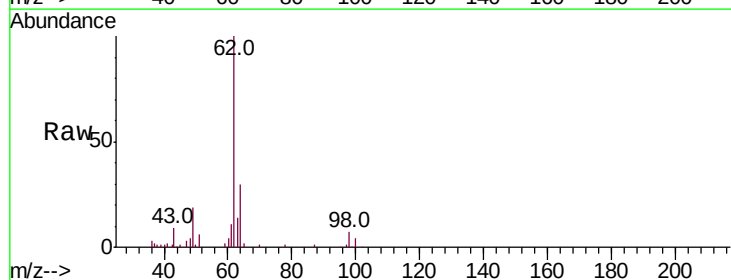
Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01MS

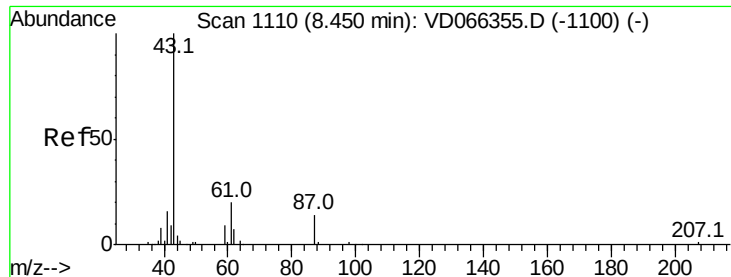
Tot Ion: 41 Resp: 25085
Ion Ratio Lower Upper
41 100
39 120.9 51.8 77.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 62.828 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Tgt Ion: 62 Resp: 108827
Ion Ratio Lower Upper
62 100
98 7.4 0.0 16.2





#43

Isopropyl Acetate

Concen: 49.900 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0006-01MS

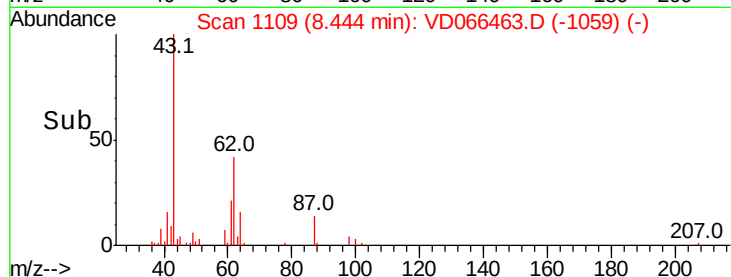
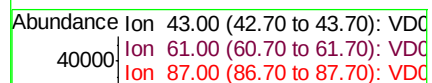
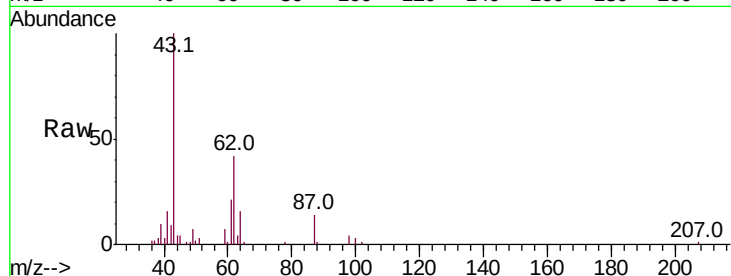
Tot Ion: 43 Resp: 63684

Ion Ratio Lower Upper

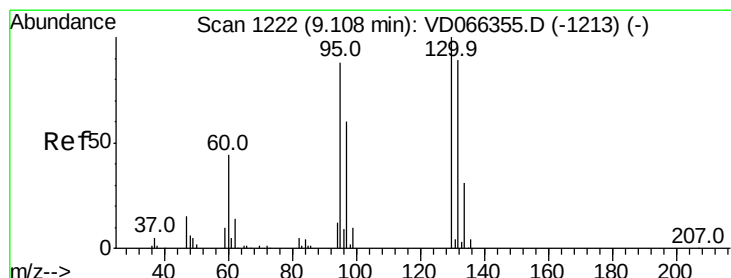
43 100

61 33.1 26.5 39.7

87 15.6 11.9 17.9



Time-->



#44

Trichloroethene

Concen: 54.403 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066463.D

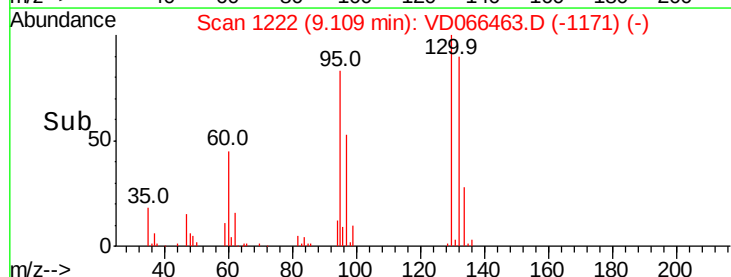
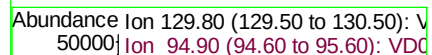
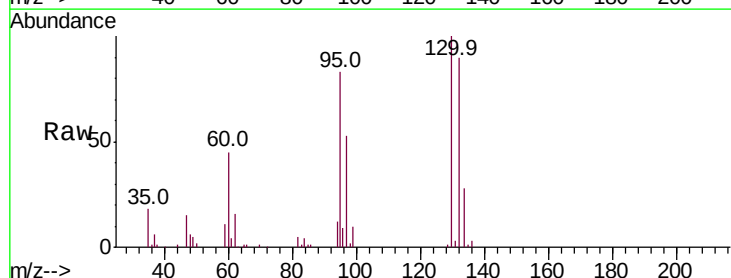
Acq: 28 Aug 2020 16:45

Tgt Ion:130 Resp: 86940

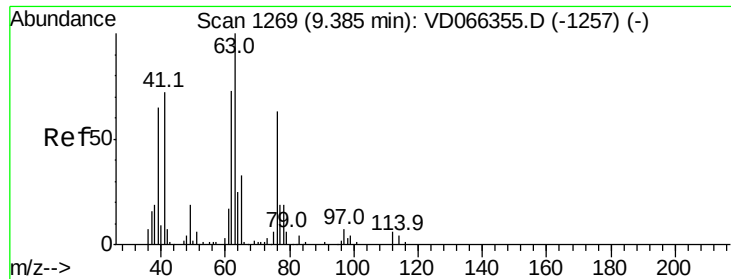
Ion Ratio Lower Upper

130 100

95 82.9 0.0 175.6



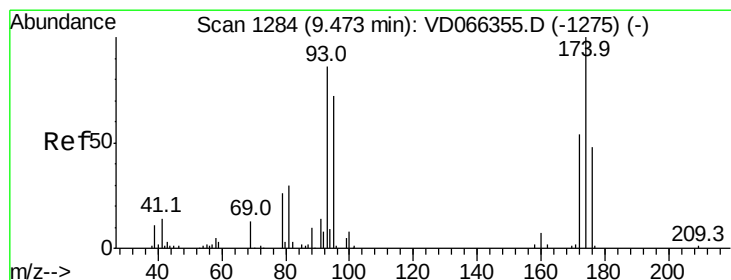
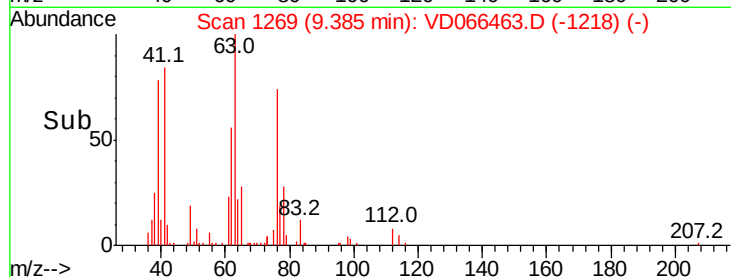
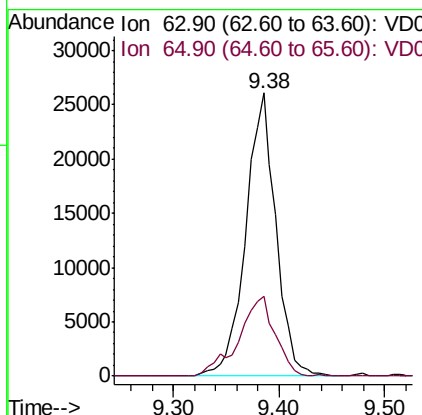
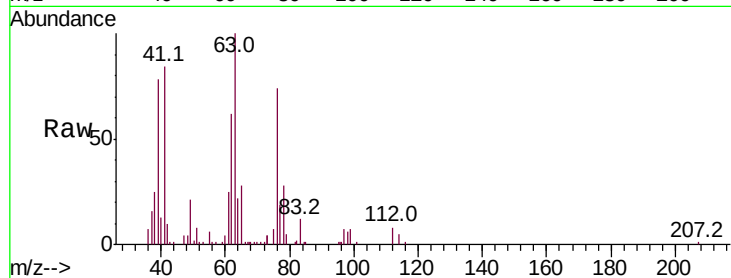
Time-->



#45
 1,2-Dichloropropane
 Concen: 46.414 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

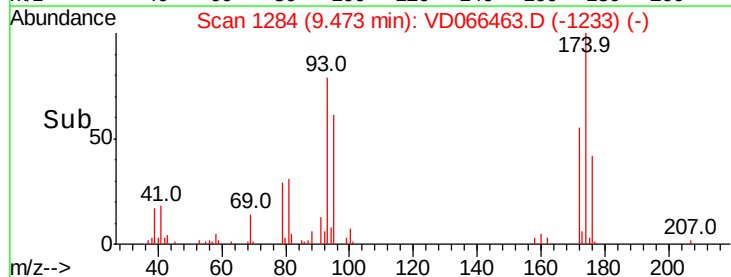
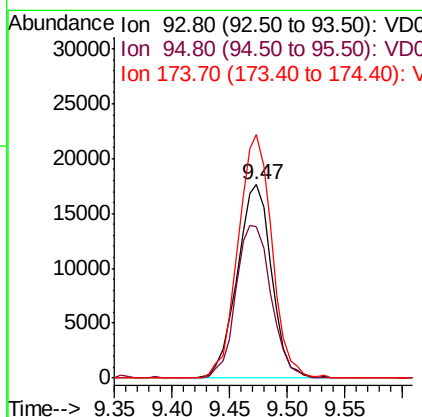
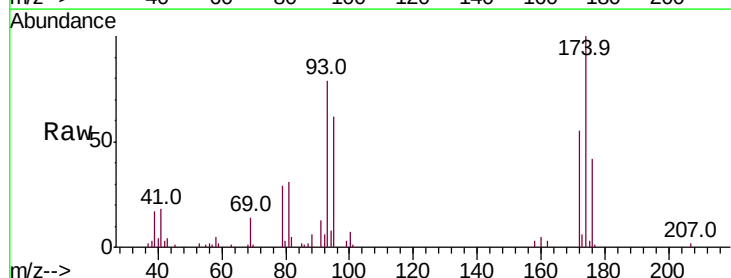
Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-0006-01MS

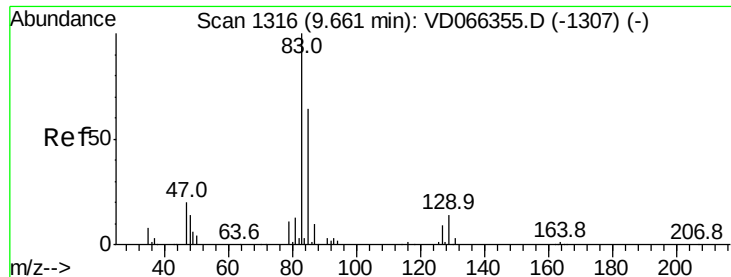
Tot Ion: 63 Resp: 51749
 Ion Ratio Lower Upper
 63 100
 65 28.4 26.4 39.6



#46
 Dibromomethane
 Concen: 52.477 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

Tgt Ion: 93 Resp: 36429
 Ion Ratio Lower Upper
 93 100
 95 80.7 66.0 99.0
 174 124.2 94.6 141.8

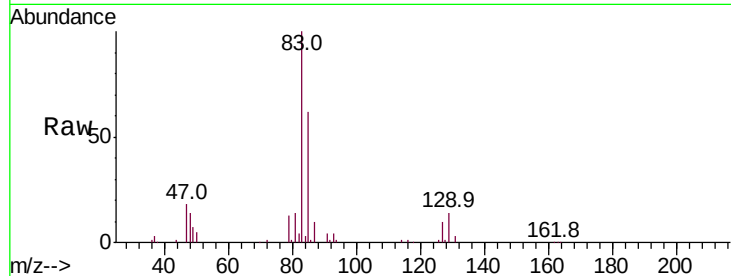




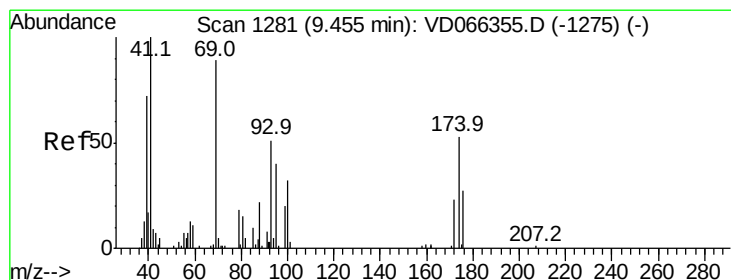
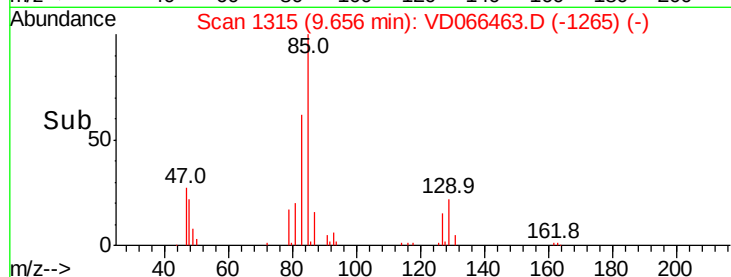
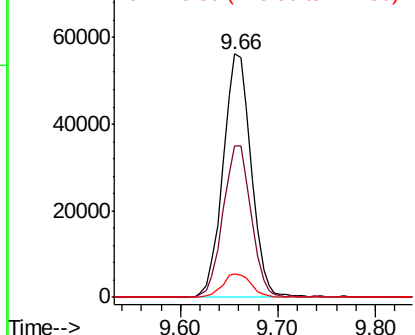
#47
Bromodichloromethane
Concen: 58.858 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01MS

Tot Ion: 83 Resp: 112364
Ion Ratio Lower Upper
83 100
85 62.3 51.4 77.0
127 9.6 7.4 11.0

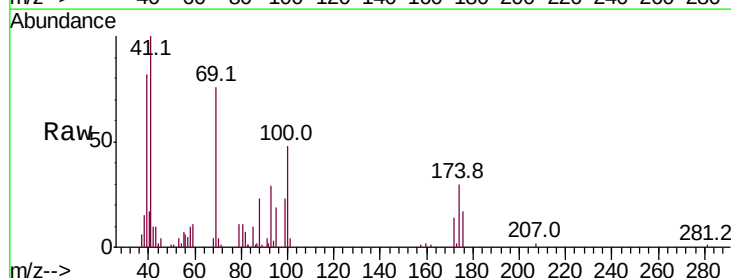


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

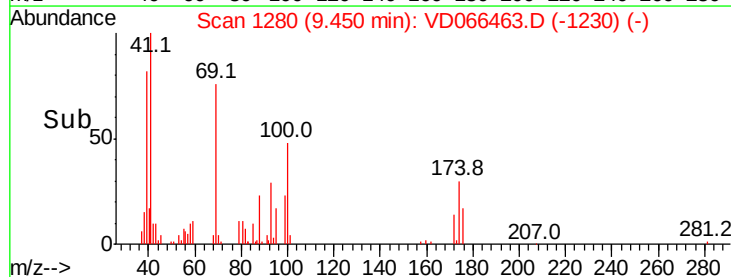
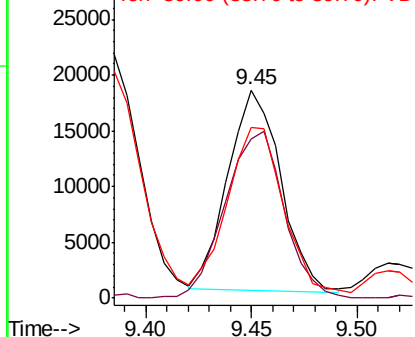


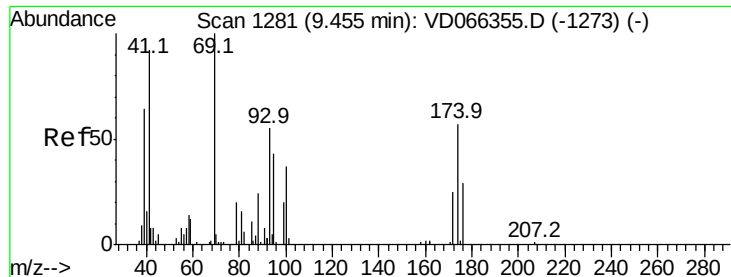
#48
Methyl methacrylate
Concen: 47.594 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Tgt Ion: 41 Resp: 31322
Ion Ratio Lower Upper
41 100
69 92.7 75.5 113.3
39 93.6 57.0 85.4#



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

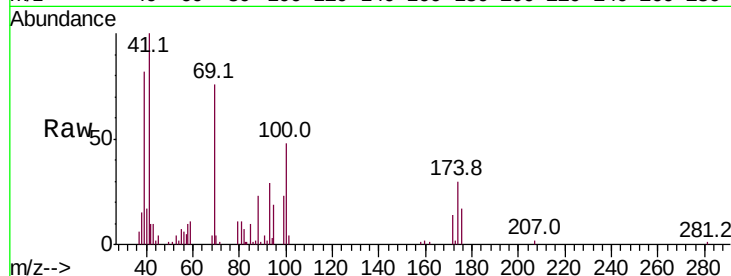




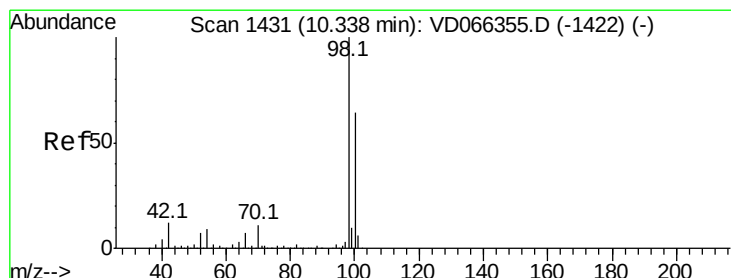
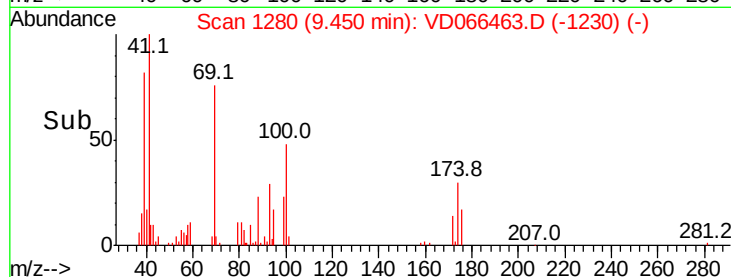
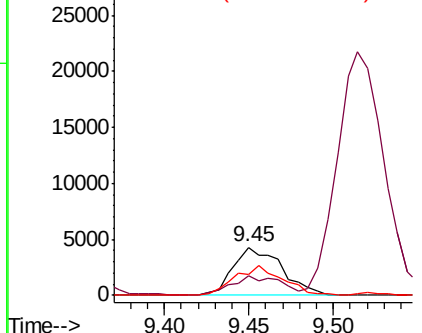
#49
 1,4-Dioxane
 Concen: 1056.983 ug/l
 RT: 9.45 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-0006-01MS

Tot Ion: 88 Resp: 8520
 Ion Ratio Lower Upper
 88 100
 43 41.6 29.4 44.0
 58 61.5 45.4 68.2

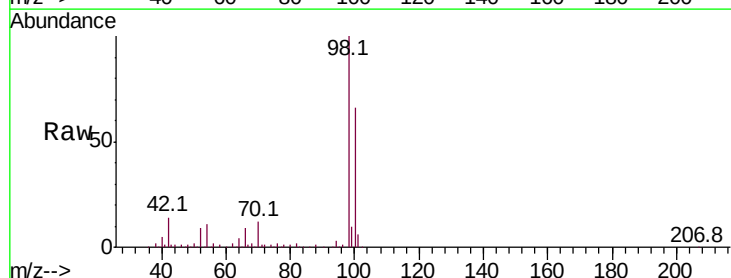


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

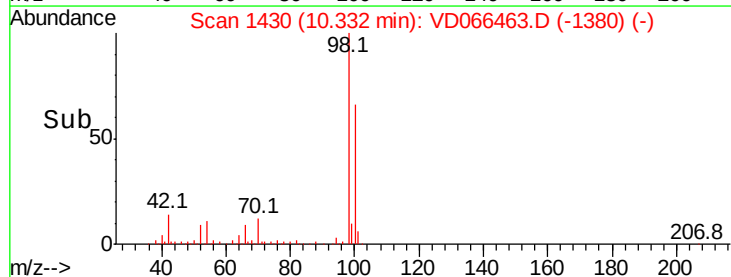
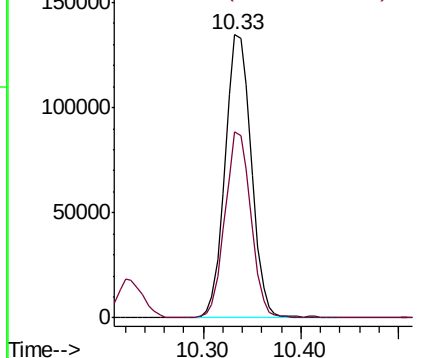


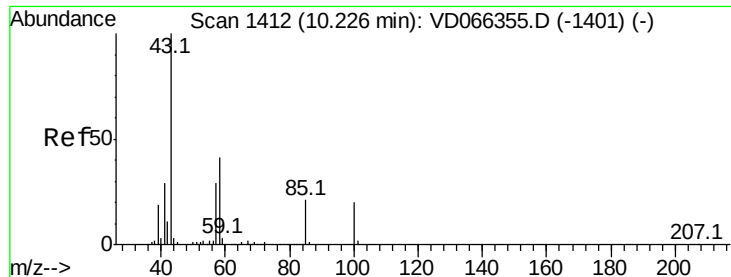
#50
 Toluene-d8
 Concen: 53.796 ug/l
 RT: 10.33 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

Tgt Ion: 98 Resp: 252181
 Ion Ratio Lower Upper
 98 100
 100 64.8 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 246.225 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

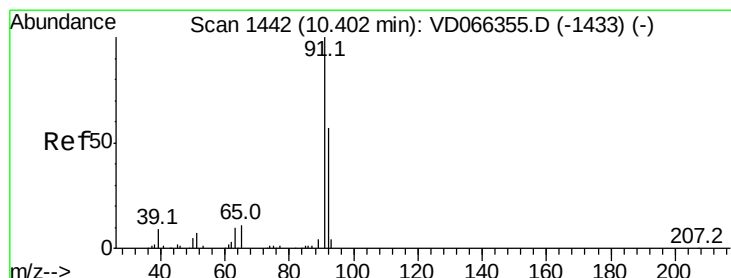
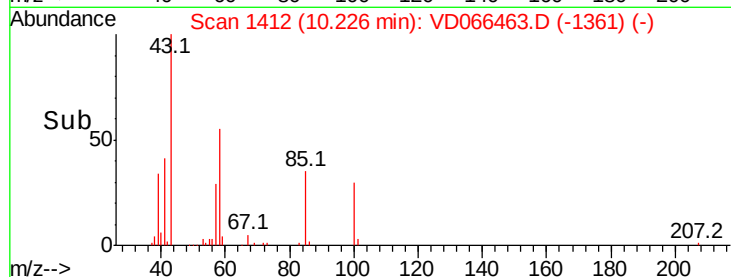
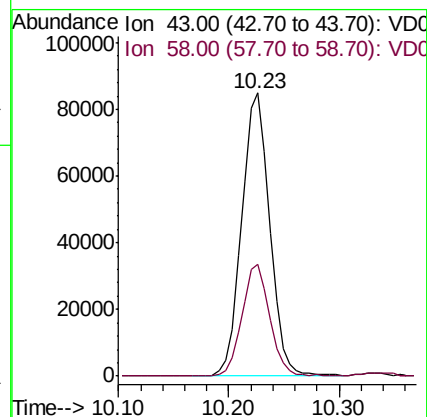
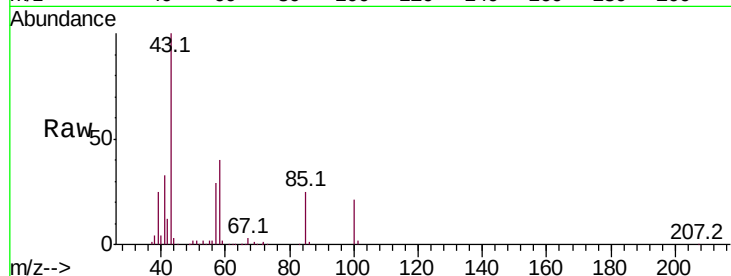
789UMR-TP11-0006-01MS

Tot Ion: 43 Resp: 152017

Ion Ratio Lower Upper

43 100

58 39.1 31.4 47.2



#52

Toluene

Concen: 53.005 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066463.D

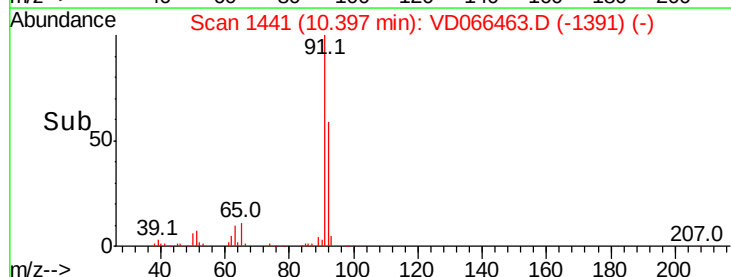
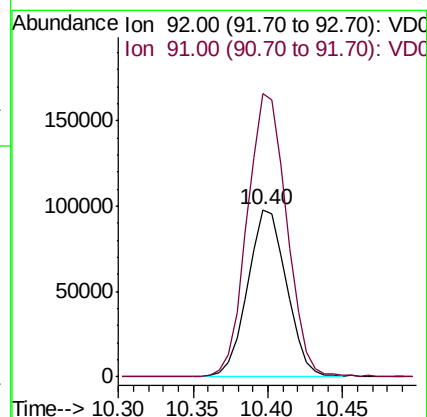
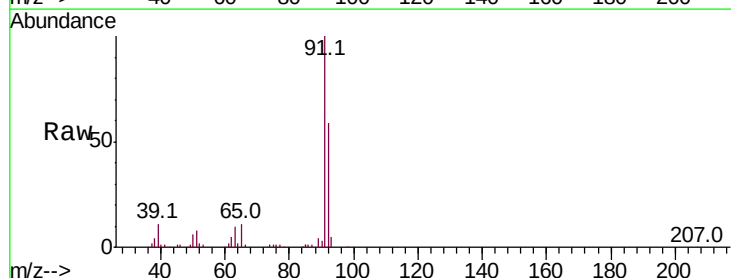
Acq: 28 Aug 2020 16:45

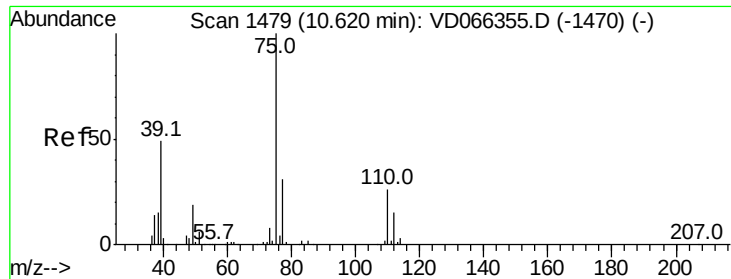
Tgt Ion: 92 Resp: 176613

Ion Ratio Lower Upper

92 100

91 172.8 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 56.400 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

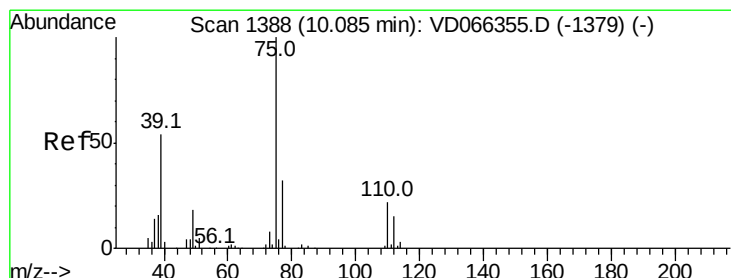
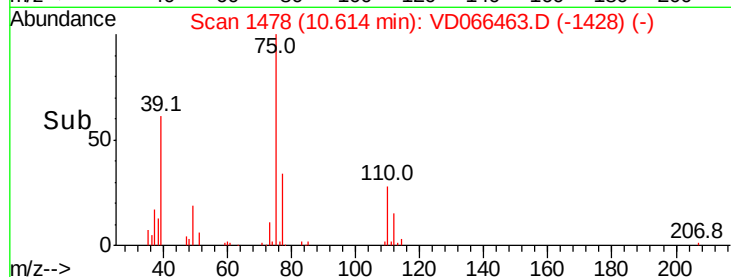
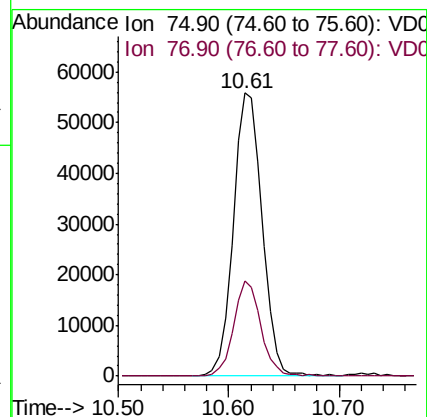
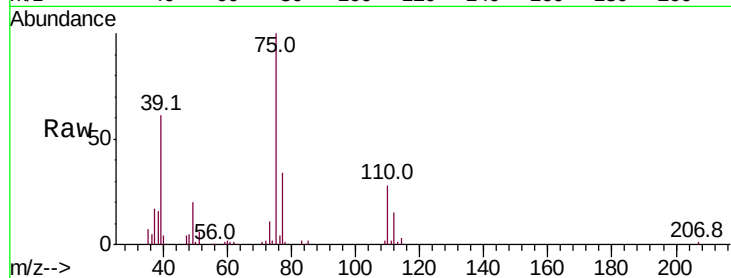
789UMR-TP11-0006-01MS

Tot Ion: 75 Resp: 102166

Ion Ratio Lower Upper

75 100

77 33.9 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 51.555 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

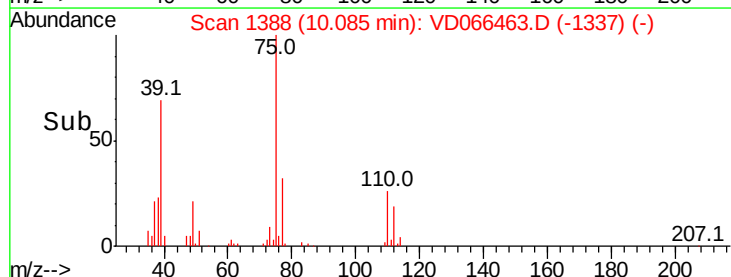
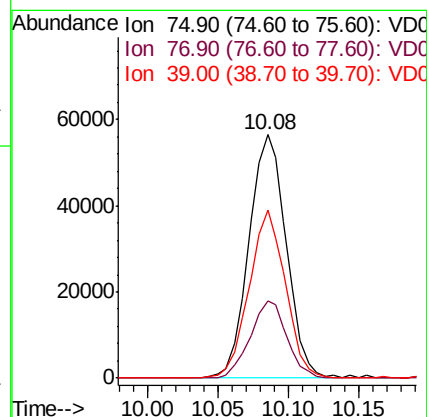
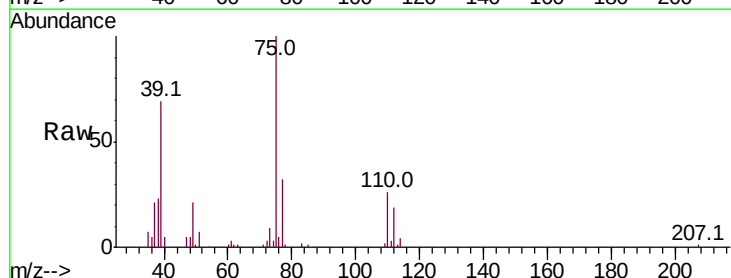
Tgt Ion: 75 Resp: 104827

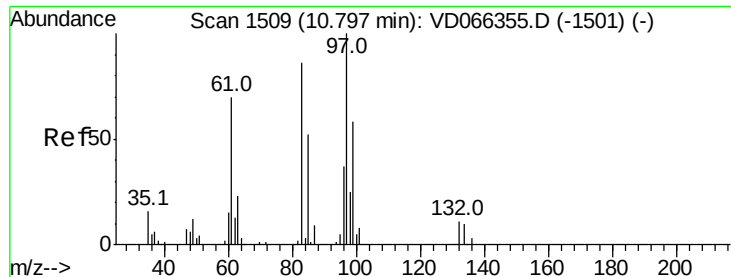
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 68.8 43.4 65.0#





#55

1,1,2-Trichloroethane

Concen: 50.411 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0006-01MS

Tot Ion: 97 Resp: 47375

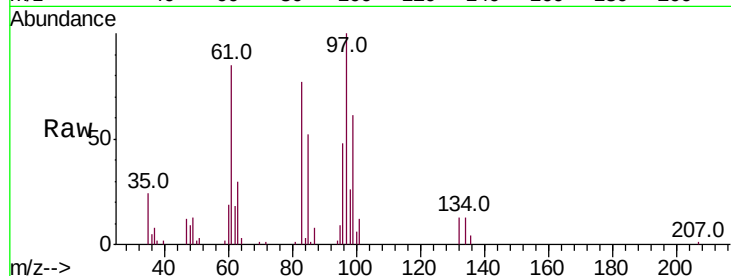
Ion	Ratio	Lower	Upper
97	100		
83	77.2	68.4	102.6
85	51.7	41.3	61.9
99	60.9	46.1	69.1

97 100

83 77.2 68.4 102.6

85 51.7 41.3 61.9

99 60.9 46.1 69.1



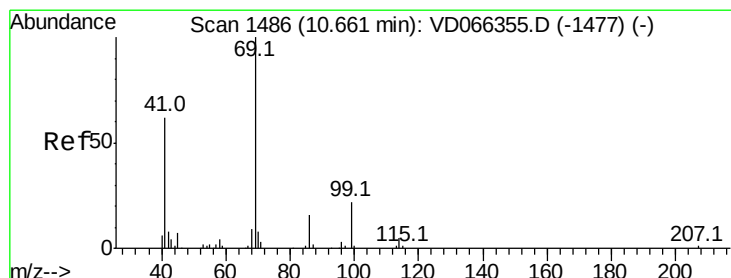
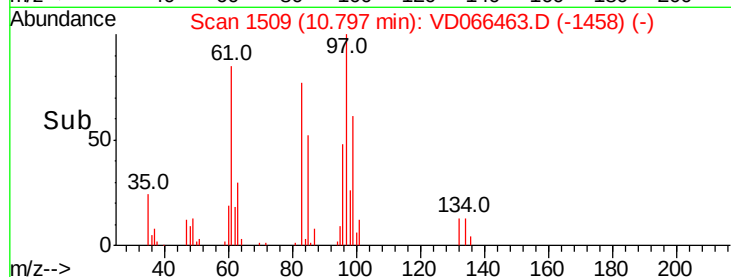
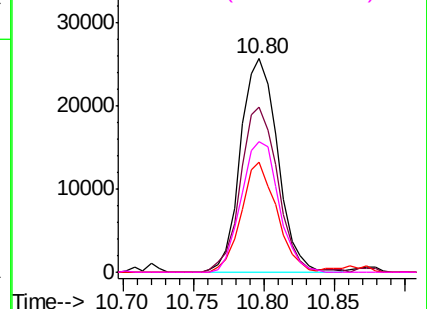
Abundance

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: 50.927 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

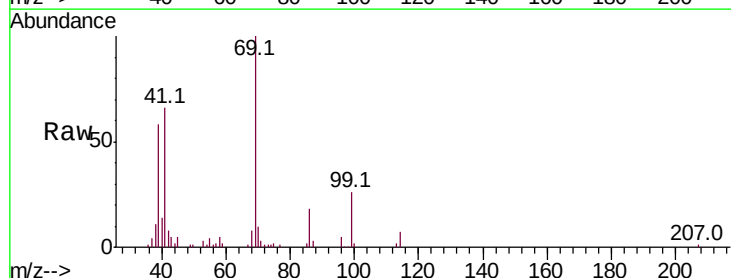
Tgt Ion: 69 Resp: 55404

Ion	Ratio	Lower	Upper
69	100		
41	70.7	50.8	76.2
39	60.8	32.9	49.3

69 100

41 70.7 50.8 76.2

39 60.8 32.9 49.3

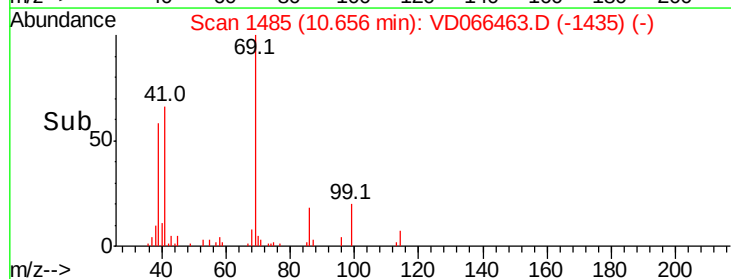
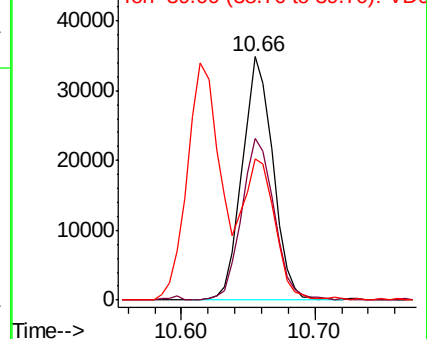


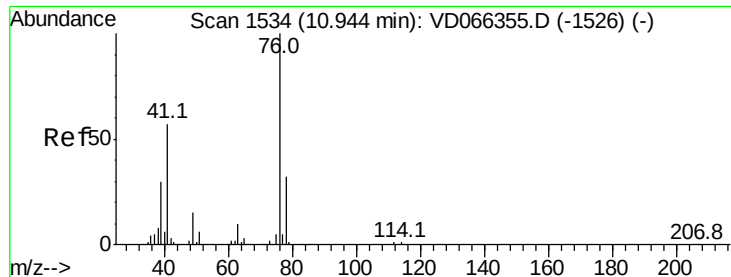
Abundance

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: 52.547 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

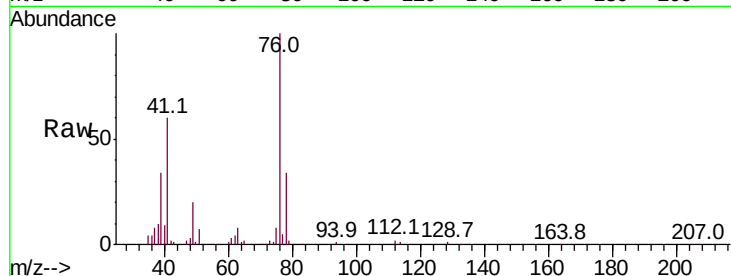
789UMR-TP11-0006-01MS

Tot Ion: 76 Resp: 81683

Ion Ratio Lower Upper

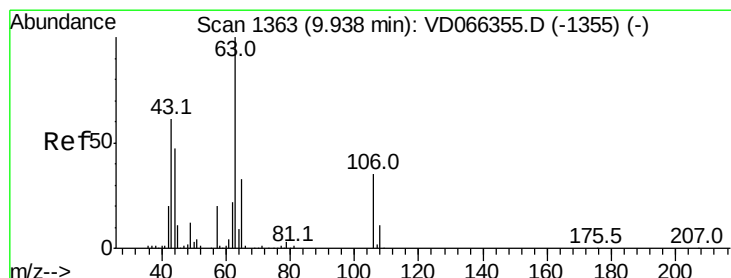
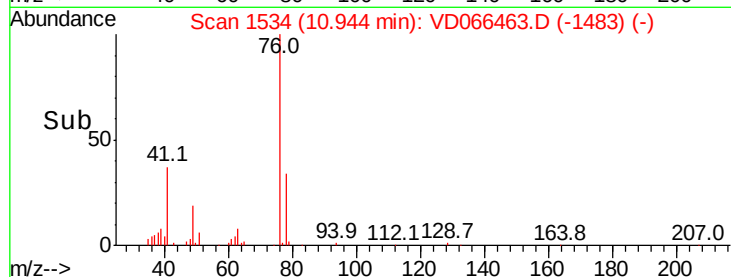
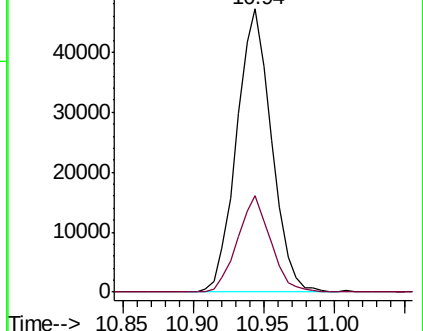
76 100

78 32.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 232.568 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066463.D

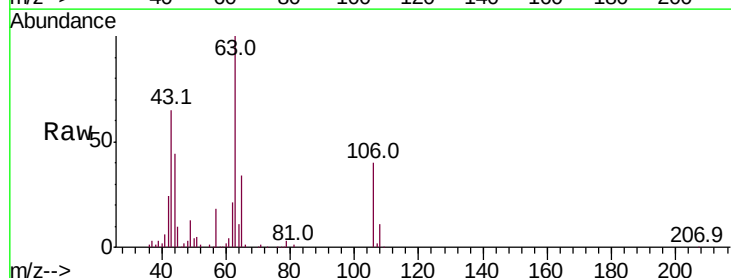
Acq: 28 Aug 2020 16:45

Tgt Ion: 63 Resp: 105083

Ion Ratio Lower Upper

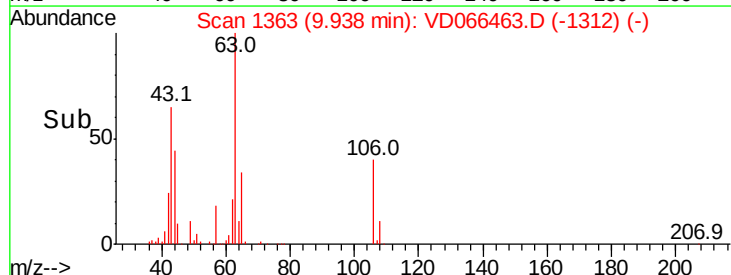
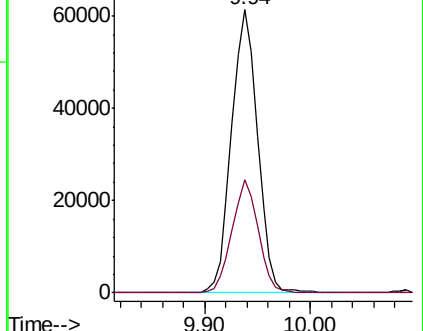
63 100

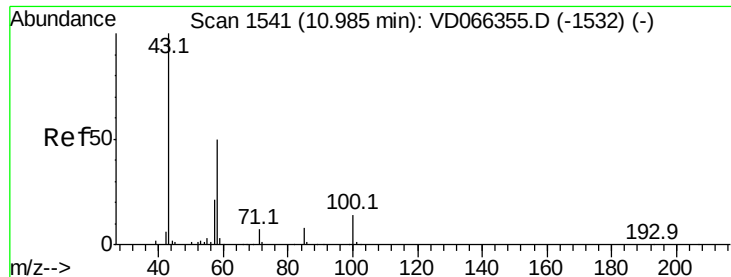
106 39.8 27.1 40.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

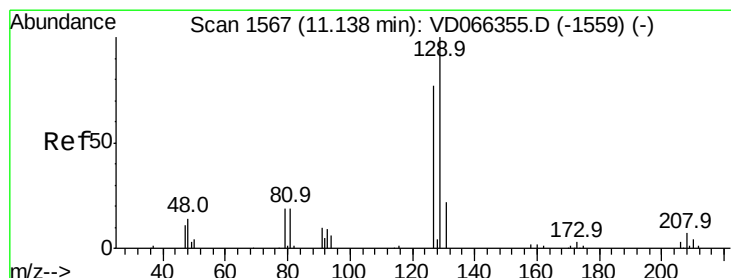
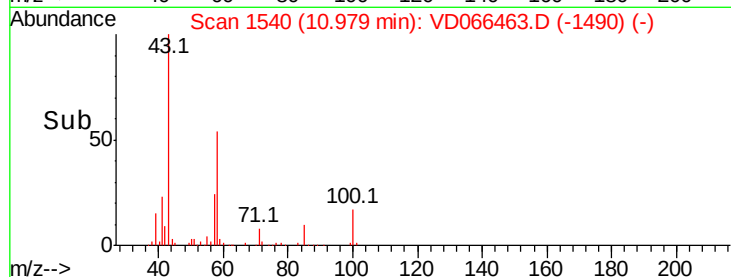
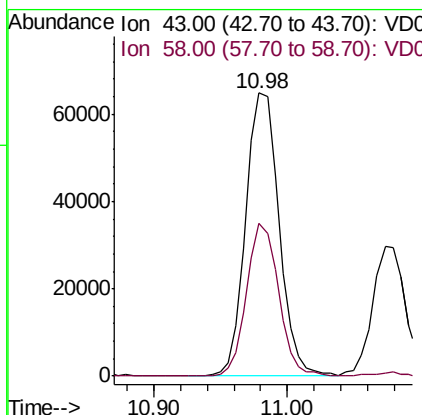
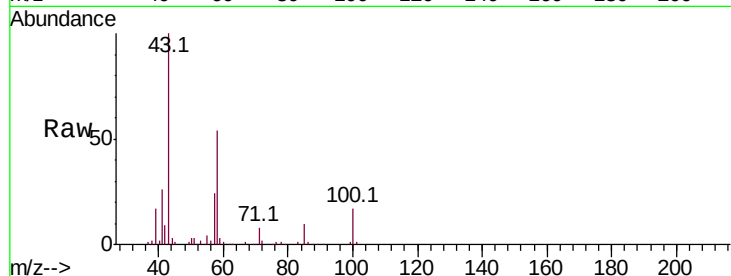




#59
2-Hexanone
Concen: 257.492 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

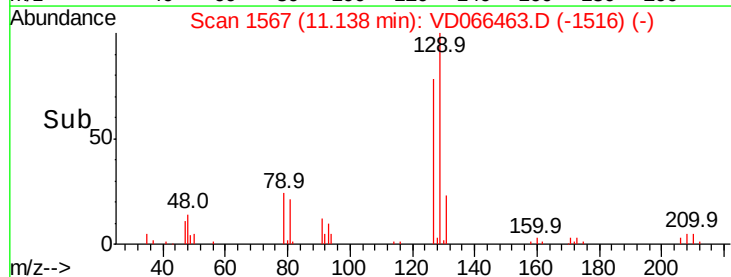
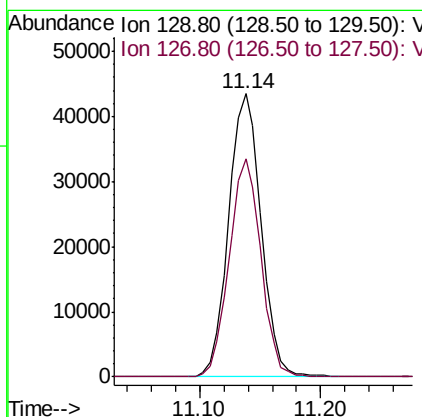
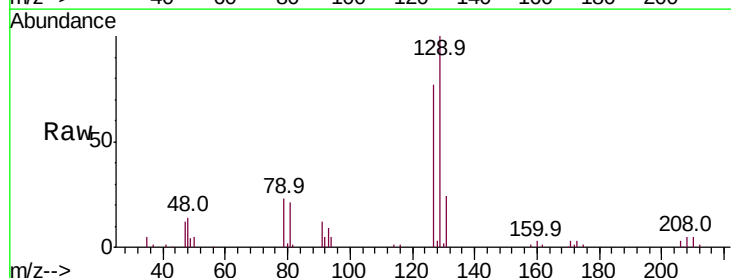
Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01MS

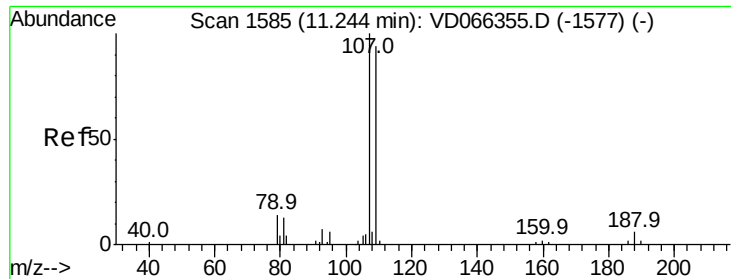
Tot Ion: 43 Resp: 112134
Ion Ratio Lower Upper
43 100
58 51.7 26.3 78.8



#60
Dibromochloromethane
Concen: 57.299 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Tgt Ion:129 Resp: 81168
Ion Ratio Lower Upper
129 100
127 75.3 39.0 117.0

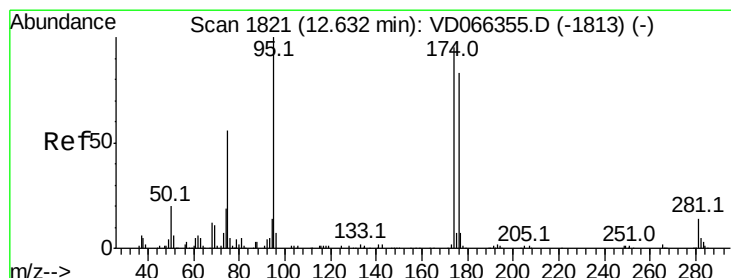
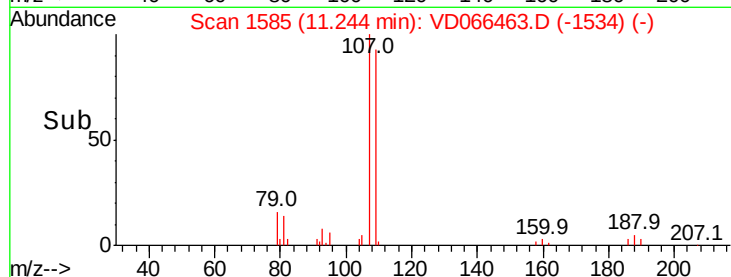
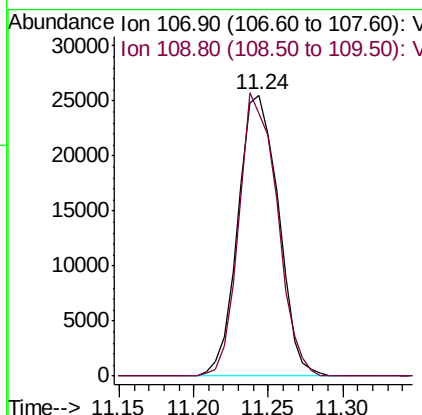
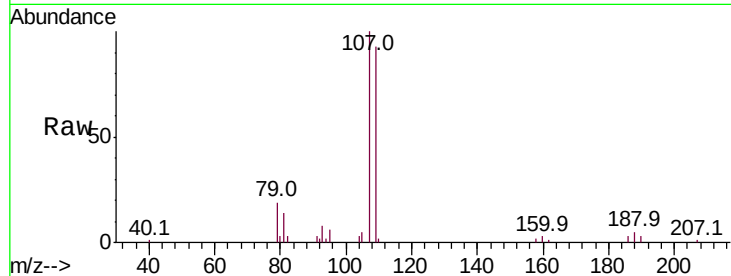




#61
 1,2-Dibromoethane
 Concen: 51.858 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

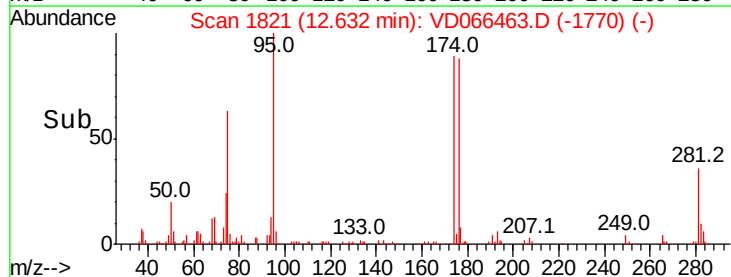
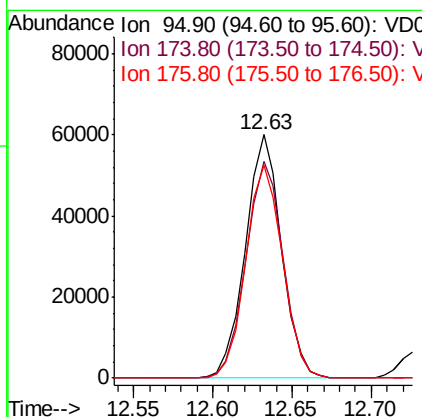
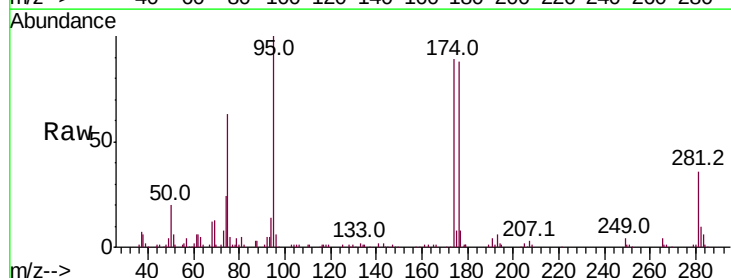
Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-0006-01MS

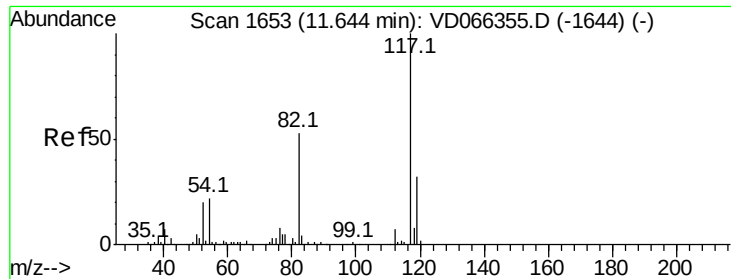
Tot Ion:107 Resp: 47960
 Ion Ratio Lower Upper
 107 100
 109 95.2 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 56.961 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

Tgt Ion: 95 Resp: 94750
 Ion Ratio Lower Upper
 95 100
 174 91.6 0.0 183.4
 176 89.5 0.0 173.8

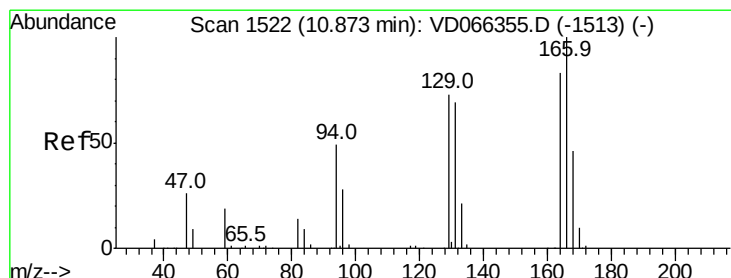
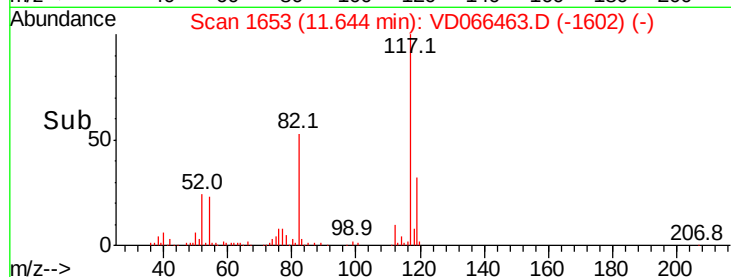
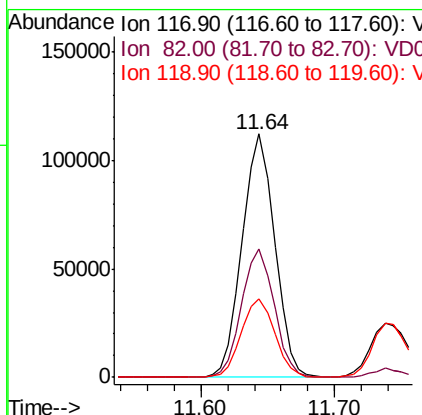
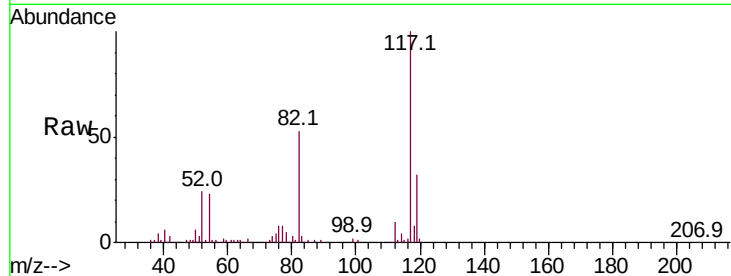




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

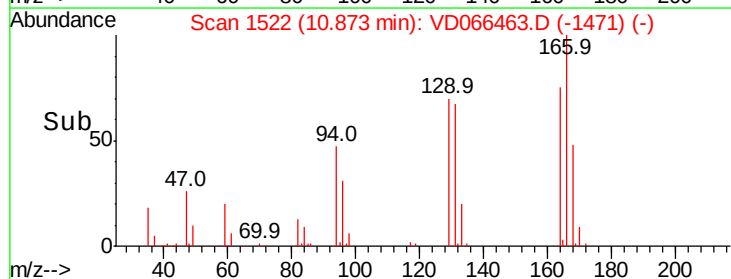
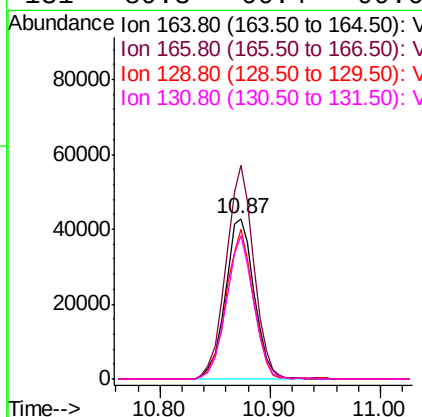
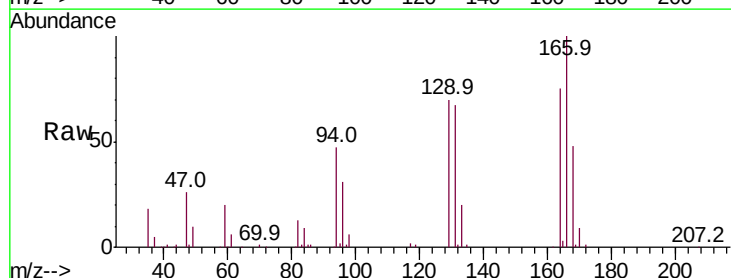
Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01MS

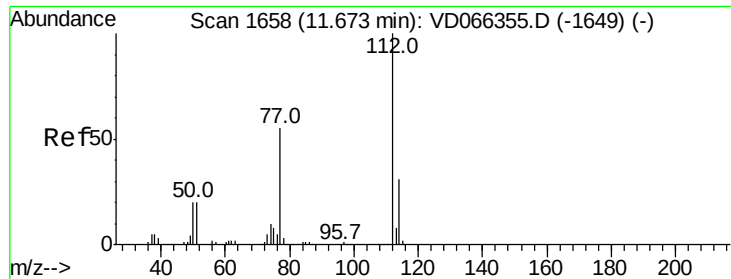
Tot Ion:117 Resp: 190274
Ion Ratio Lower Upper
117 100
82 52.9 42.8 64.2
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 54.229 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Tgt Ion:164 Resp: 78275
Ion Ratio Lower Upper
164 100
166 133.5 96.2 144.4
129 93.6 70.3 105.5
131 89.3 66.4 99.6





#65

Chlorobenzene

Concen: 52.467 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

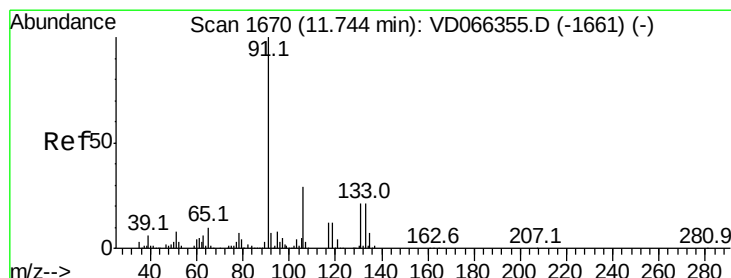
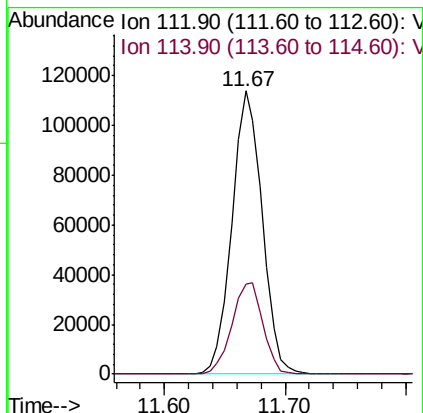
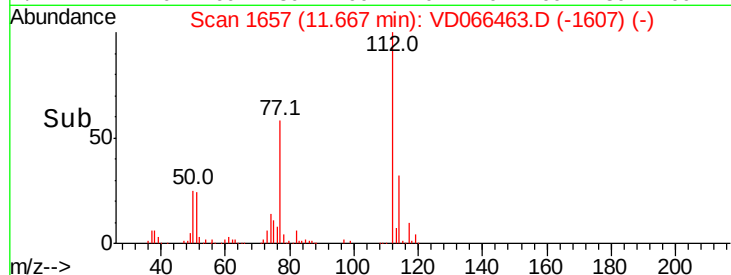
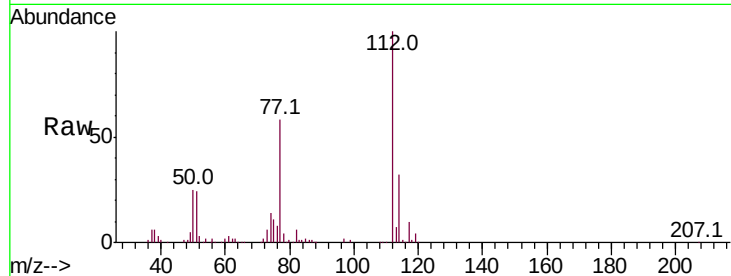
789UMR-TP11-0006-01MS

Tot Ion:112 Resp: 198616

Ion Ratio Lower Upper

112 100

114 31.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 55.446 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

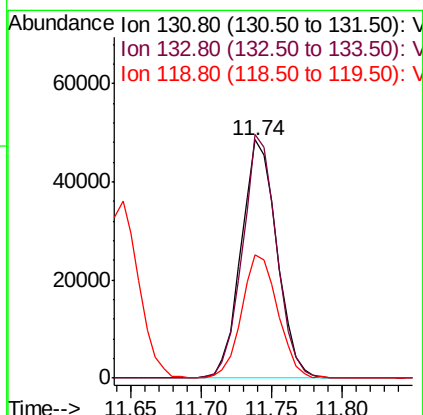
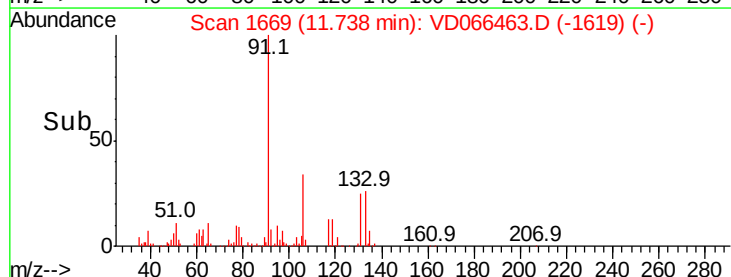
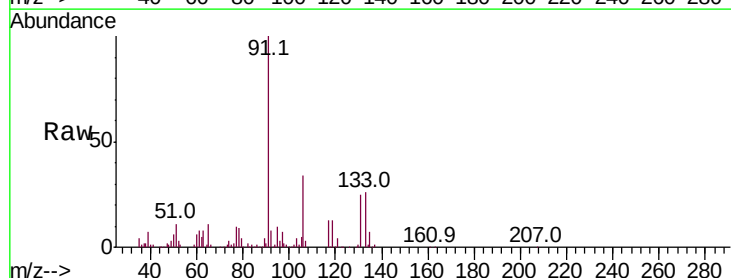
Tgt Ion:131 Resp: 85776

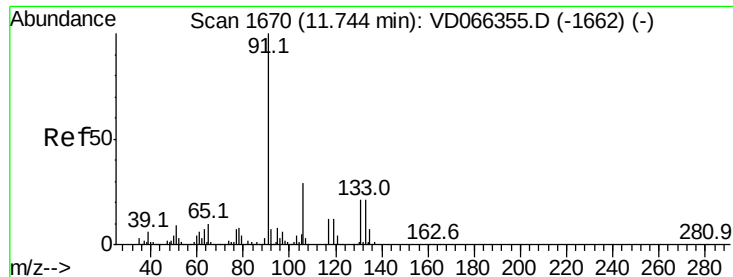
Ion Ratio Lower Upper

131 100

133 98.2 48.6 145.9

119 52.6 29.0 87.1





#67

Ethyl Benzene

Concen: 54.196 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

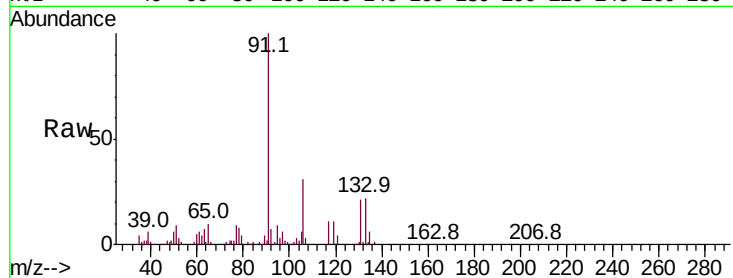
789UMR-TP11-0006-01MS

Tot Ion: 91 Resp: 361137

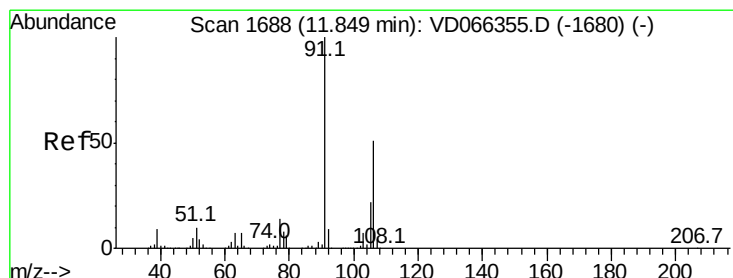
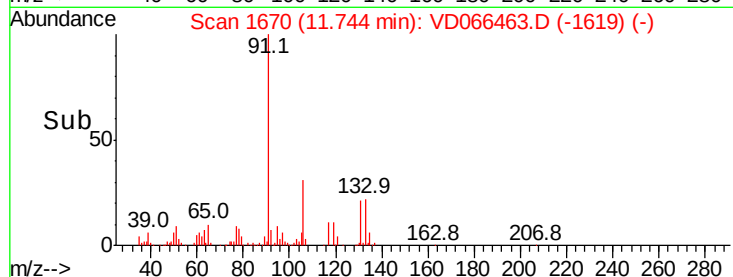
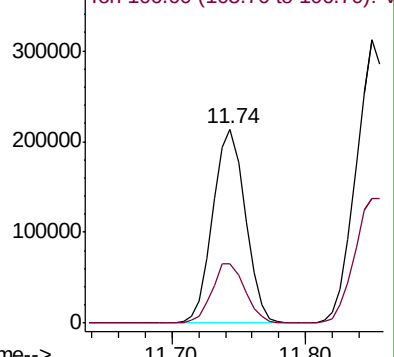
Ion Ratio Lower Upper

91 100

106 30.7 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VD066355.D (-1662) (-)



#68

m/p-Xylenes

Concen: 108.401 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066463.D

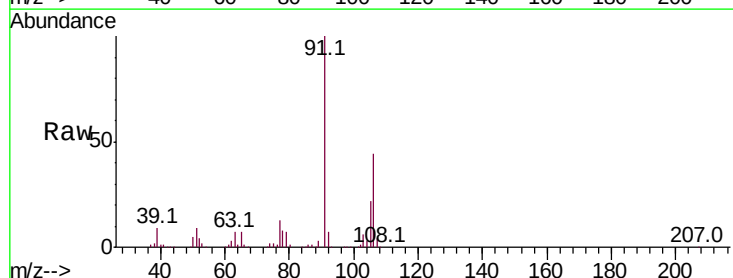
Acq: 28 Aug 2020 16:45

Tgt Ion: 106 Resp: 275317

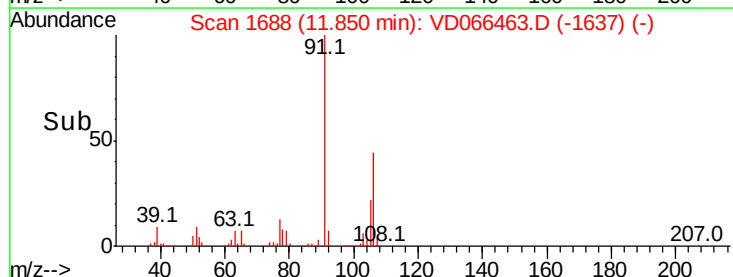
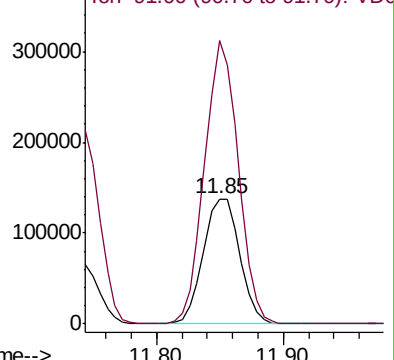
Ion Ratio Lower Upper

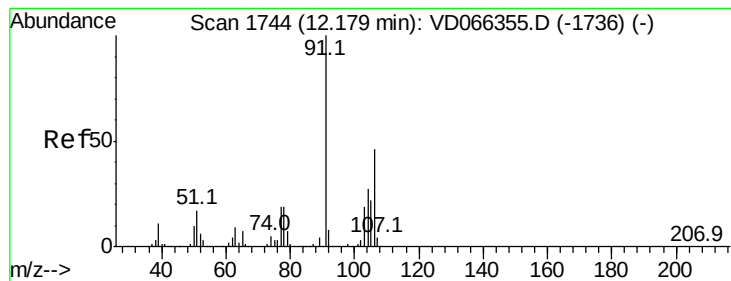
106 100

91 209.6 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066355.D (-1680) (-)





#69

o-Xylene

Concen: 53.838 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

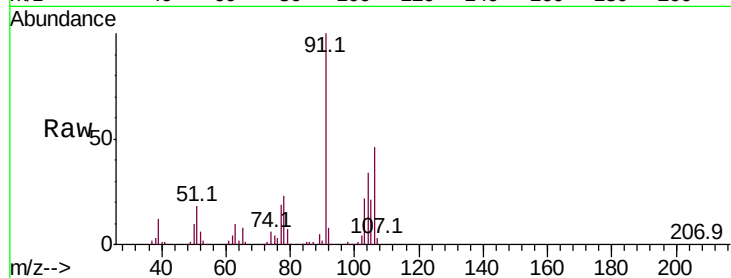
789UMR-TP11-0006-01MS

Tot Ion:106 Resp: 127207

Ion Ratio Lower Upper

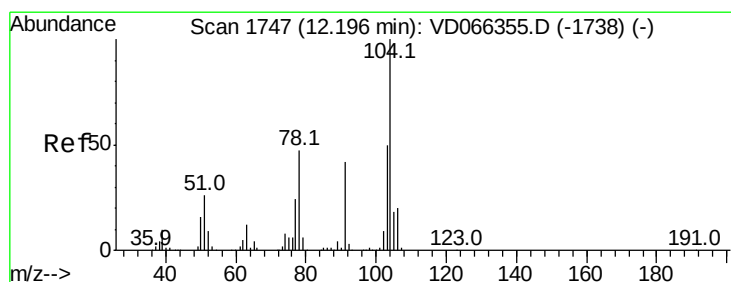
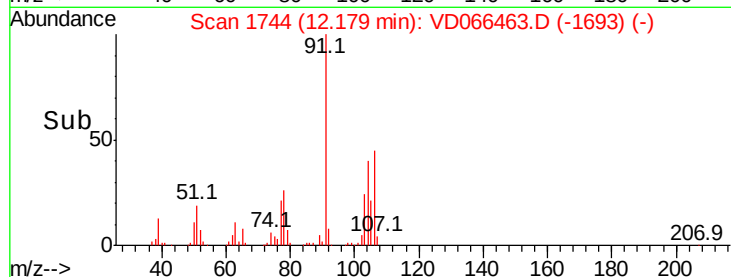
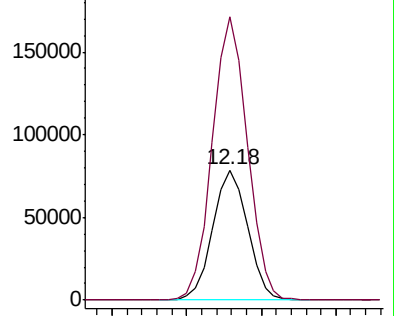
106 100

91 219.0 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



#70

Styrene

Concen: 54.300 ug/l

RT: 12.19 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

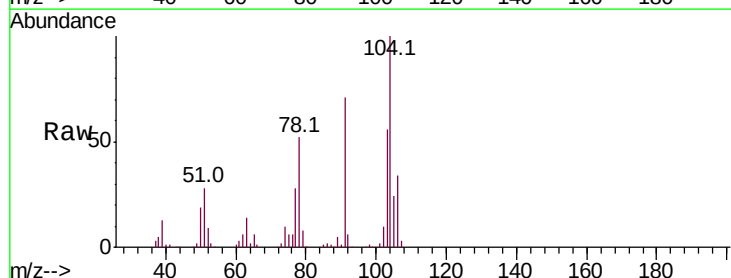
Tgt Ion:104 Resp: 220295

Ion Ratio Lower Upper

104 100

78 55.4 41.7 62.5

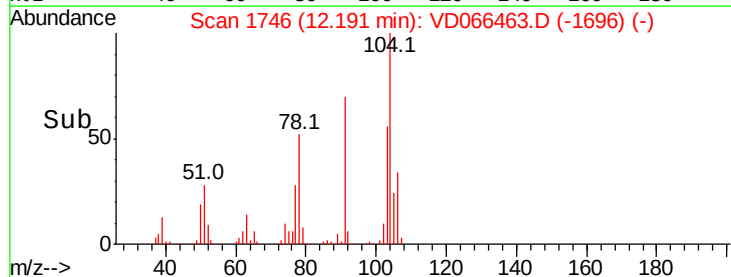
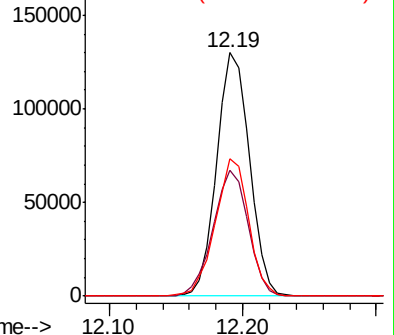
103 57.4 43.5 65.3

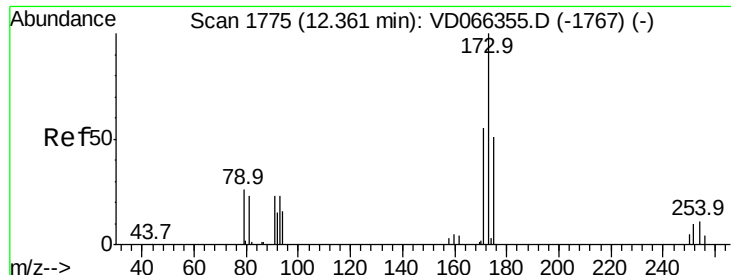


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 57.474 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0006-01MS

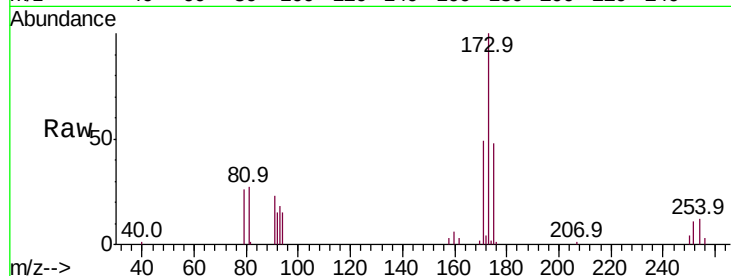
Tot Ion:173 Resp: 50444

Ion Ratio Lower Upper

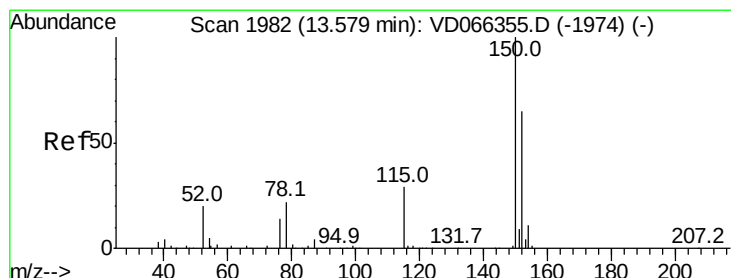
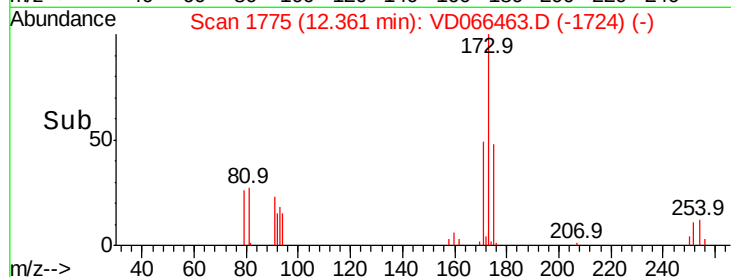
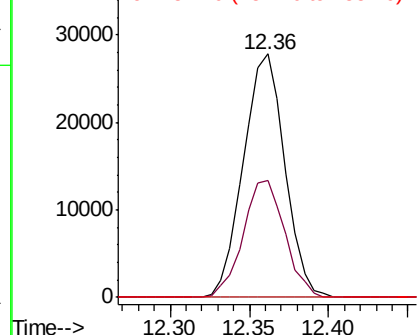
173 100

175 48.2 24.8 74.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1981

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

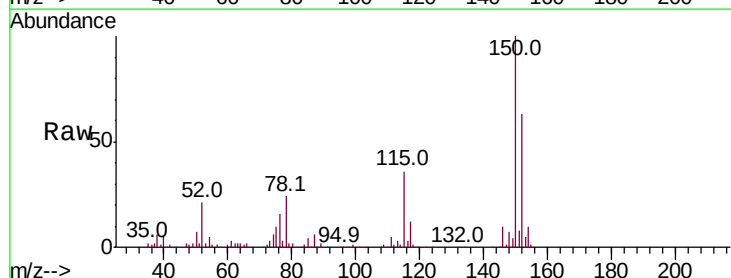
Tgt Ion:152 Resp: 105339

Ion Ratio Lower Upper

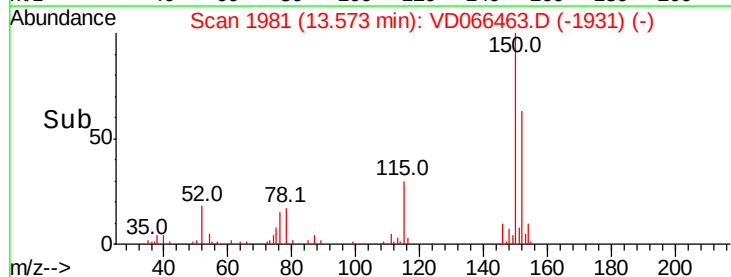
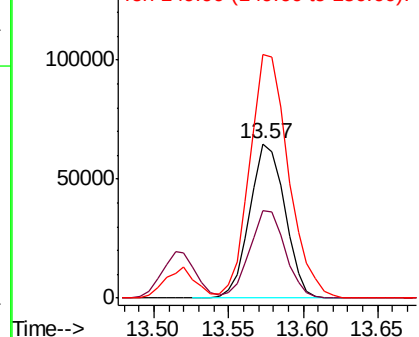
152 100

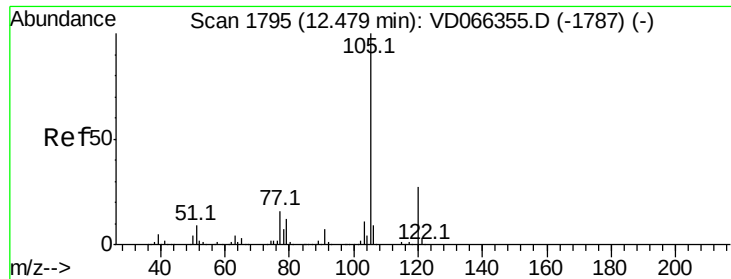
115 57.3 28.3 85.0

150 174.4 0.0 343.2



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

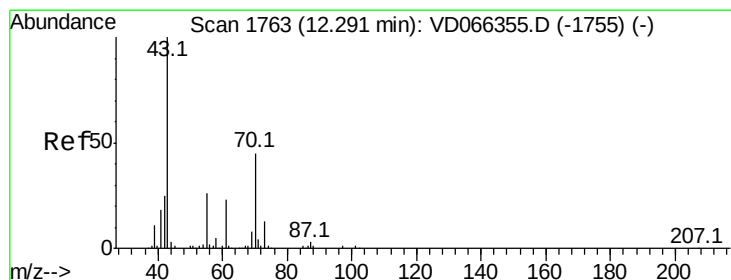
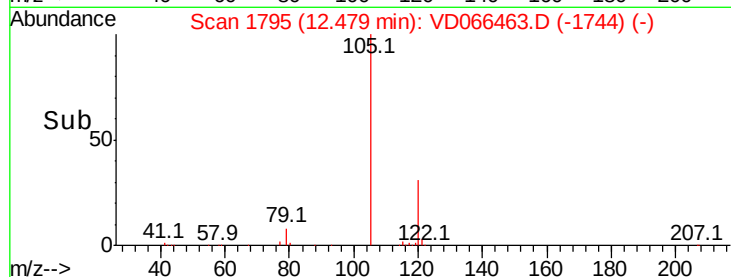
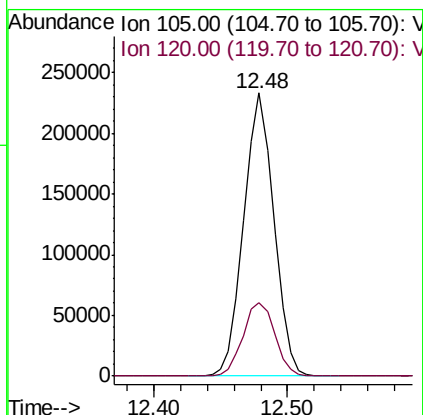
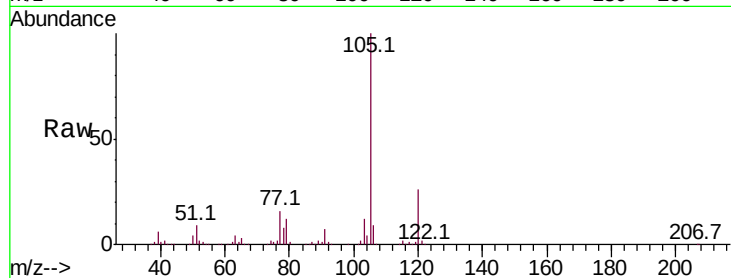




#73
Isopropylbenzene
Concen: 51.527 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

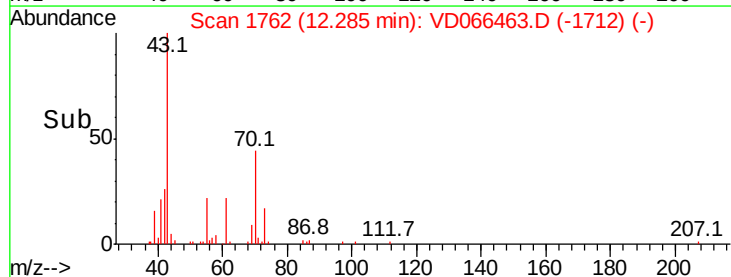
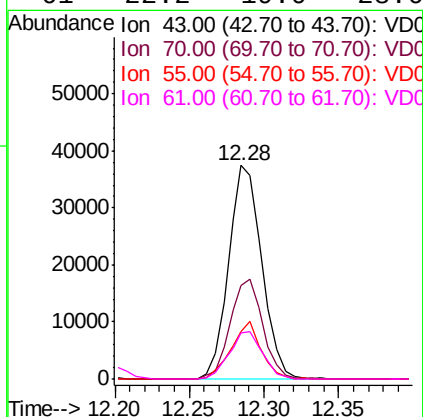
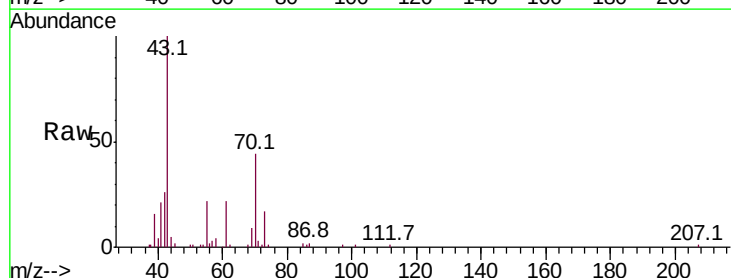
Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01MS

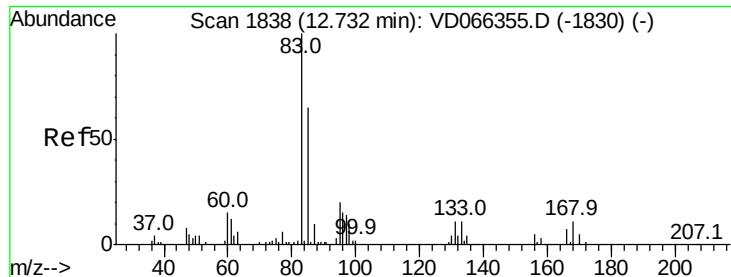
Tot Ion:105 Resp: 363606
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8



#74
N-ethyl acetate
Concen: 45.635 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Tgt Ion: 43 Resp: 58162
Ion Ratio Lower Upper
43 100
70 45.6 34.8 52.2
55 24.2 20.3 30.5
61 22.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.880 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0006-01MS

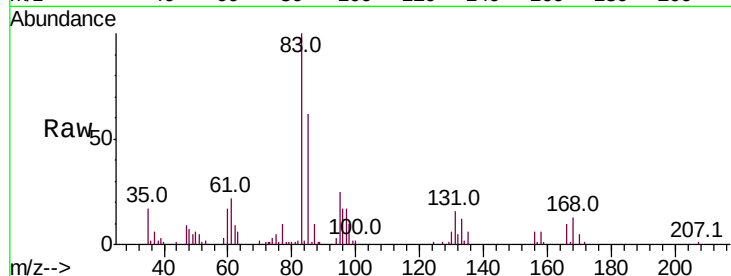
Tot Ion: 83 Resp: 45242

Ion Ratio Lower Upper

83 100

131 17.2 7.0 20.9

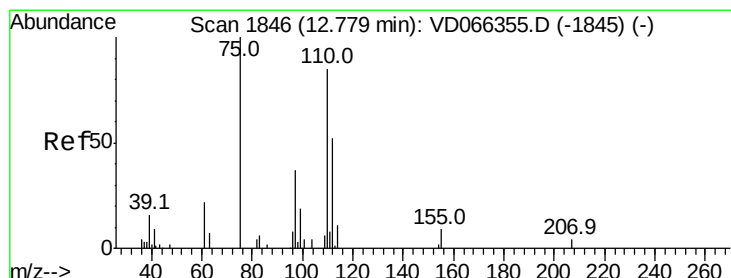
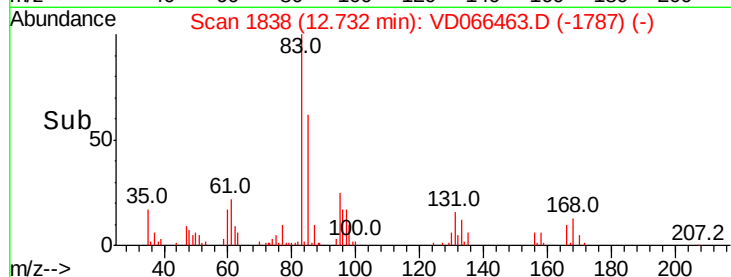
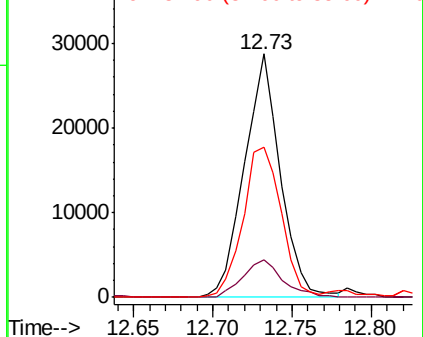
85 65.6 32.4 97.0



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: 98.908 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. 0.00 min

Lab File: VD066463.D

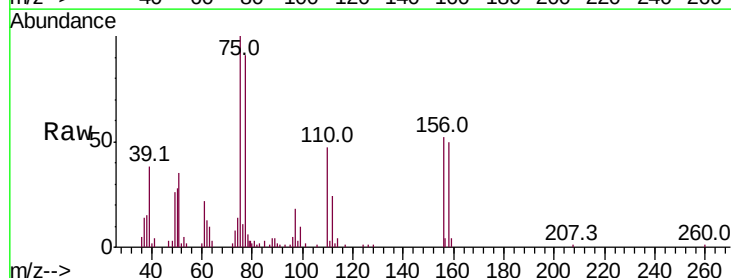
Acq: 28 Aug 2020 16:45

Tgt Ion: 75 Resp: 73297

Ion Ratio Lower Upper

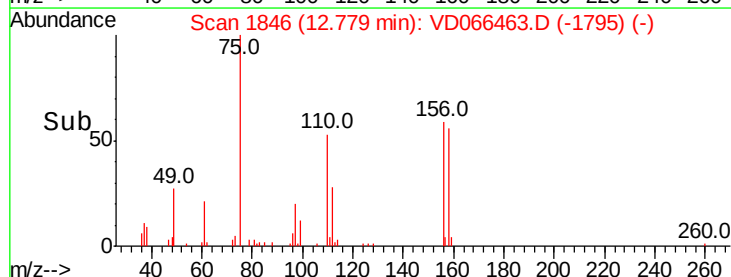
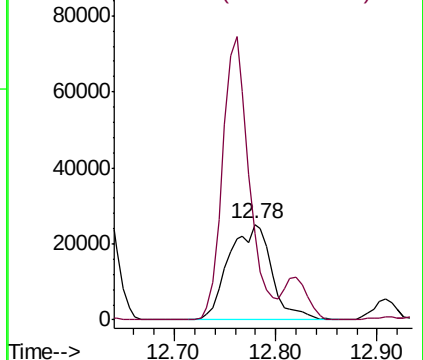
75 100

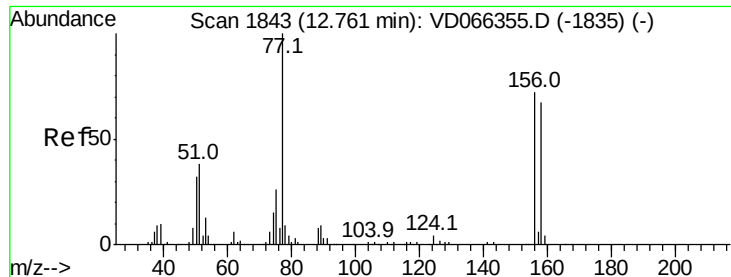
77 186.5 182.9 548.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 53.694 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0006-01MS

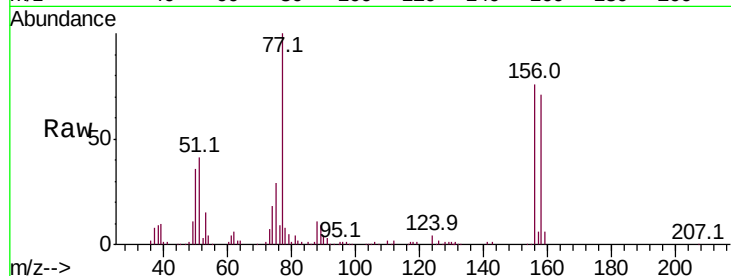
Tot Ion:156 Resp: 96169

Ion Ratio Lower Upper

156 100

77 142.2 76.1 228.3

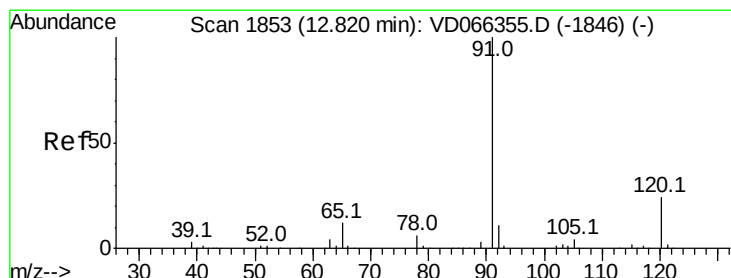
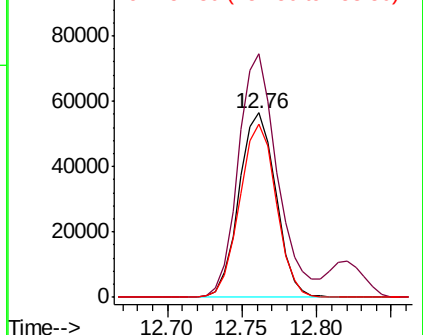
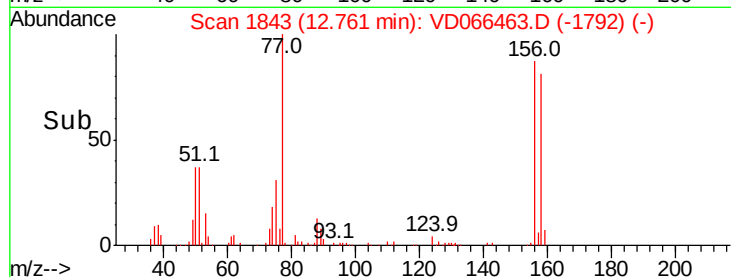
158 93.3 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.942 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066463.D

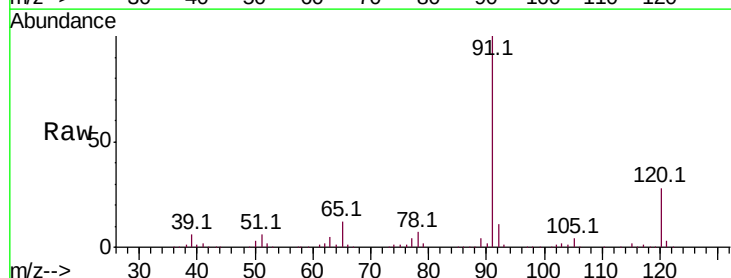
Acq: 28 Aug 2020 16:45

Tgt Ion: 91 Resp: 404084

Ion Ratio Lower Upper

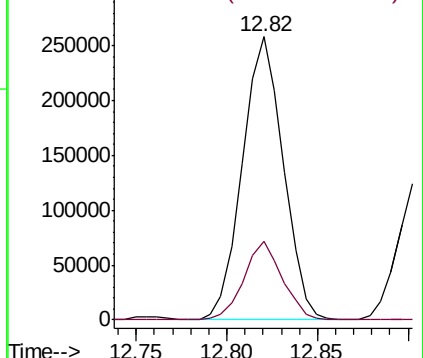
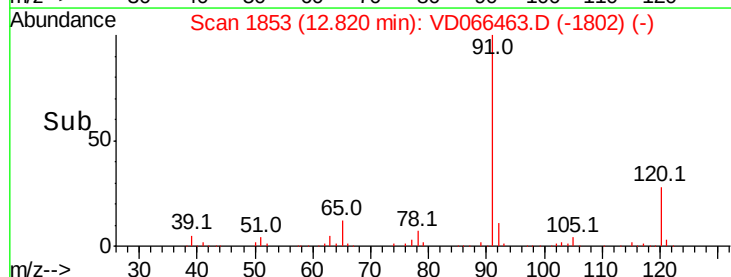
91 100

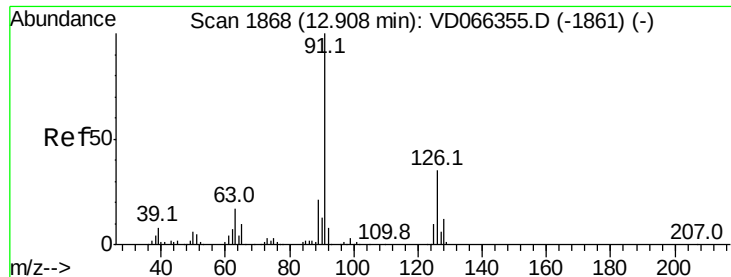
120 26.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.064 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

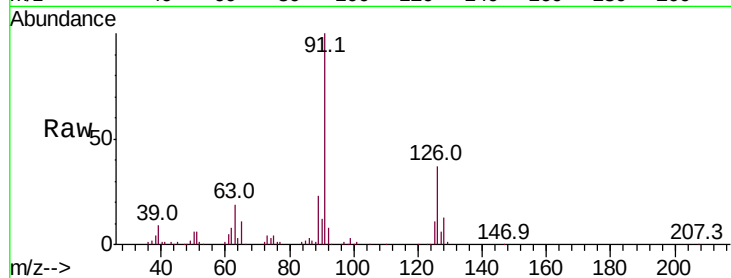
789UMR-TP11-0006-01MS

Tot Ion: 91 Resp: 231352

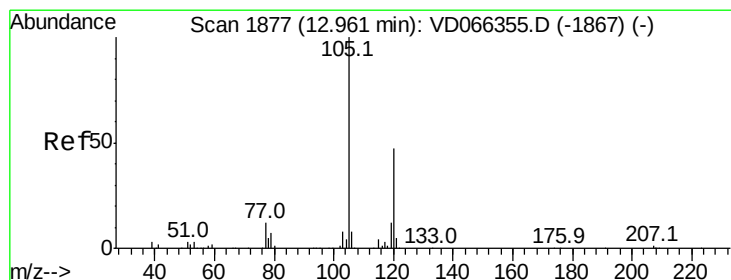
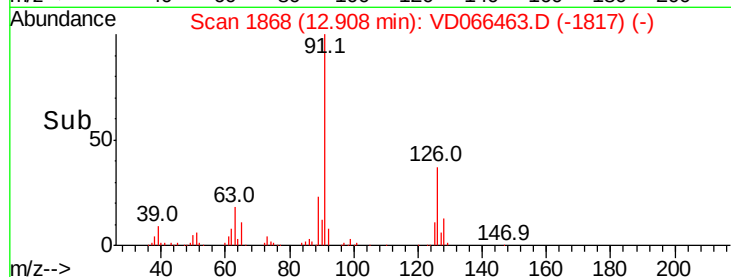
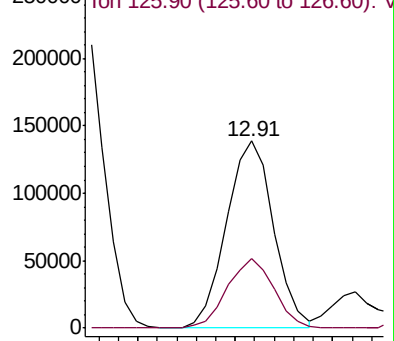
Ion Ratio Lower Upper

91 100

126 37.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 53.928 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066463.D

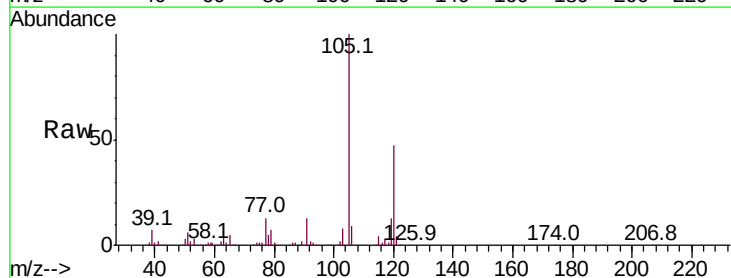
Acq: 28 Aug 2020 16:45

Tgt Ion:105 Resp: 328571

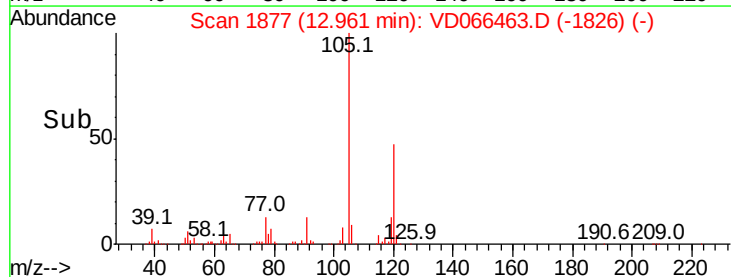
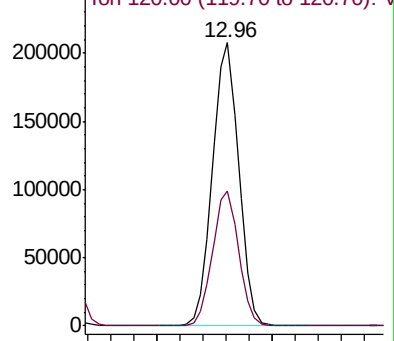
Ion Ratio Lower Upper

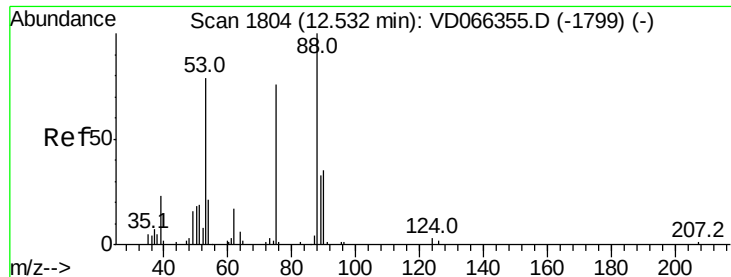
105 100

120 47.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.194 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0006-01MS

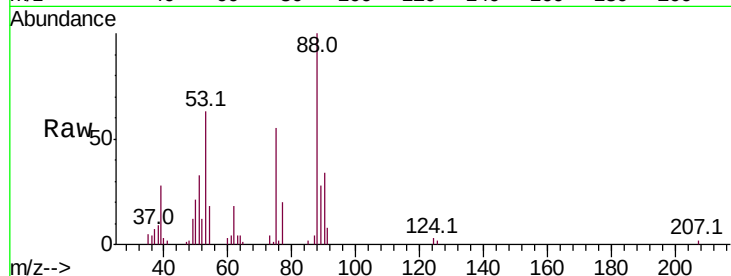
Tot Ion: 75 Resp: 15778

Ion Ratio Lower Upper

75 100

53 126.6 87.4 131.2

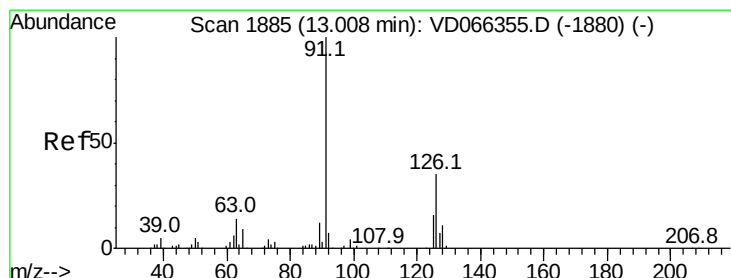
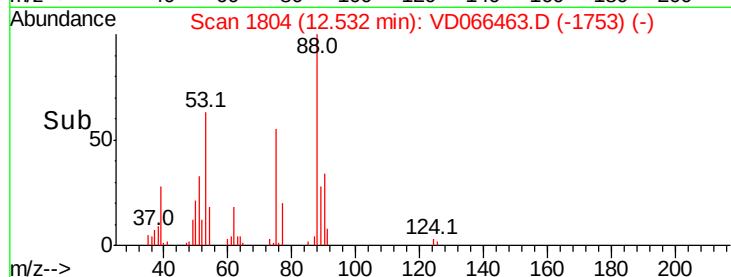
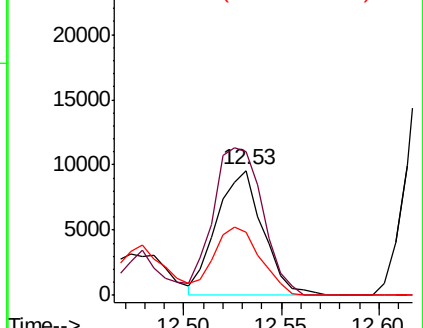
89 55.3 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.706 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066463.D

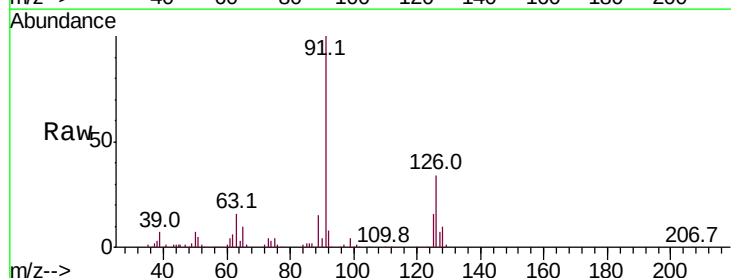
Acq: 28 Aug 2020 16:45

Tgt Ion: 91 Resp: 248257

Ion Ratio Lower Upper

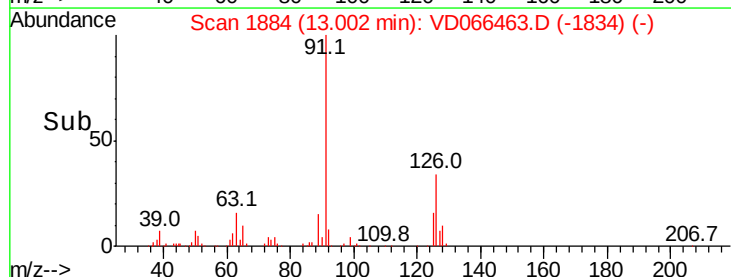
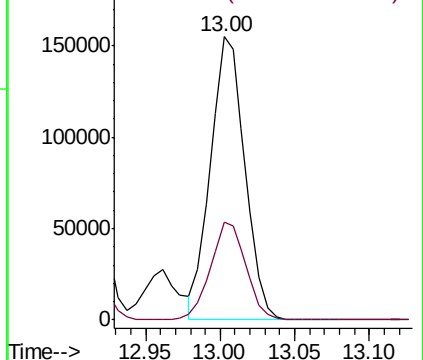
91 100

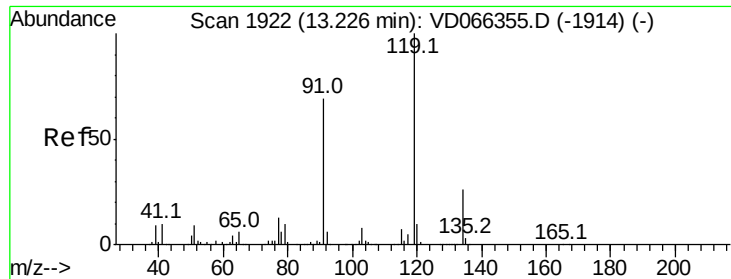
126 35.7 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

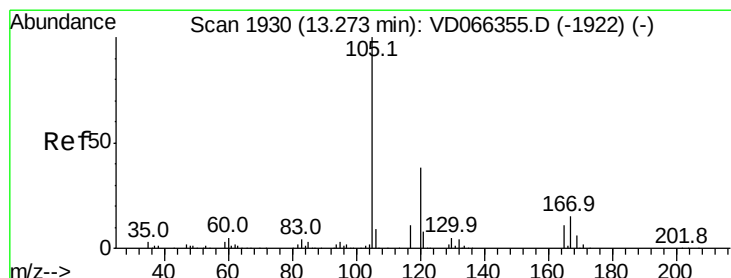
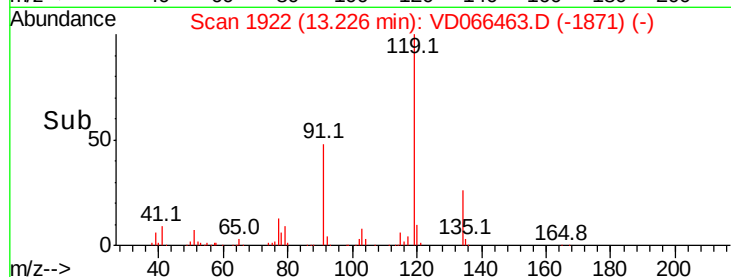
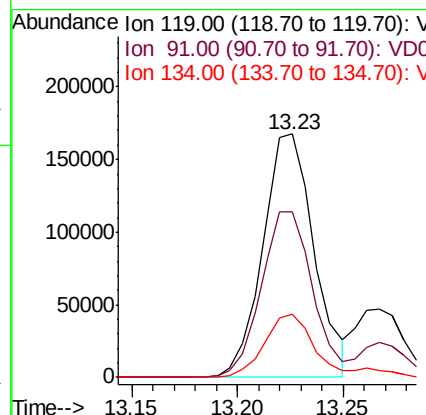
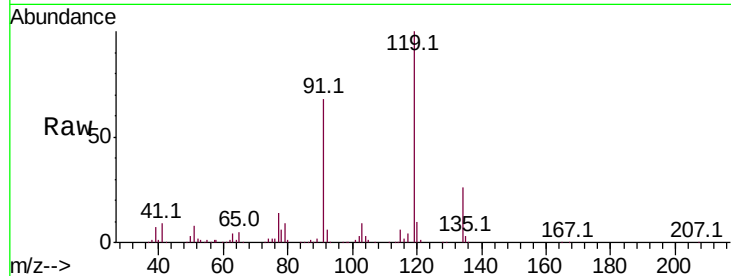




#83
 tert-Butylbenzene
 Concen: 53.433 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

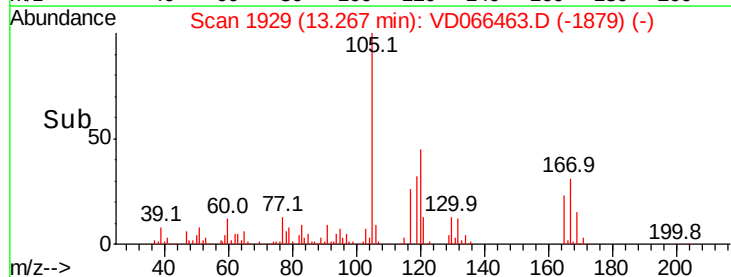
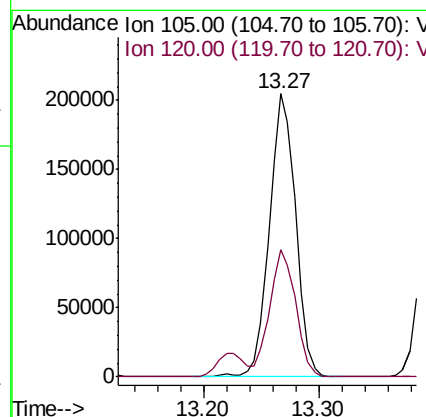
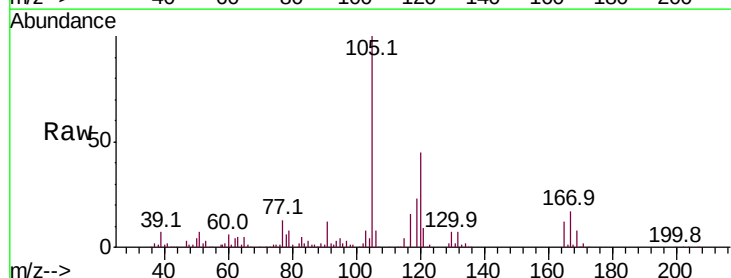
Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-0006-01MS

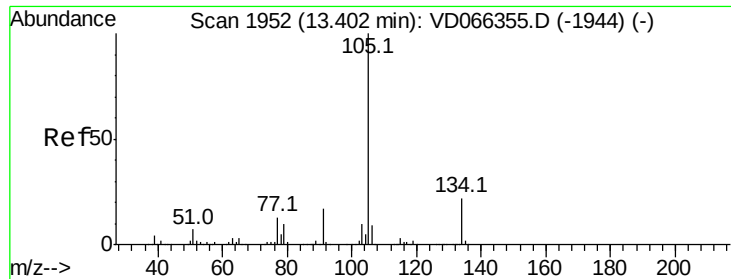
Tot Ion:119 Resp: 282771
 Ion Ratio Lower Upper
 119 100
 91 68.0 33.5 100.5
 134 25.0 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.390 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

Tgt Ion:105 Resp: 325486
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 52.118 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

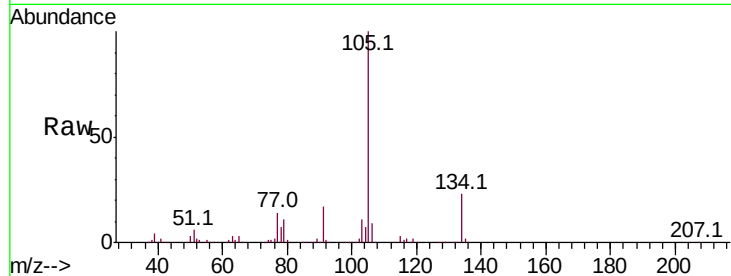
789UMR-TP11-0006-01MS

Tot Ion:105 Resp: 361371

Ion Ratio Lower Upper

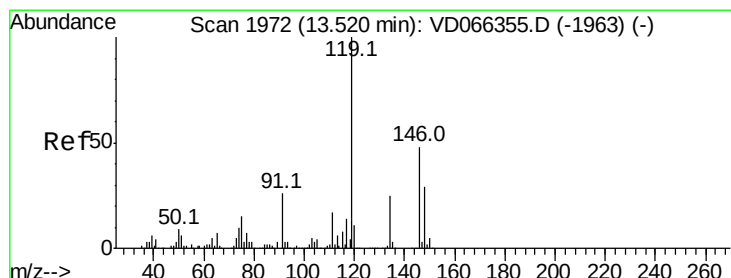
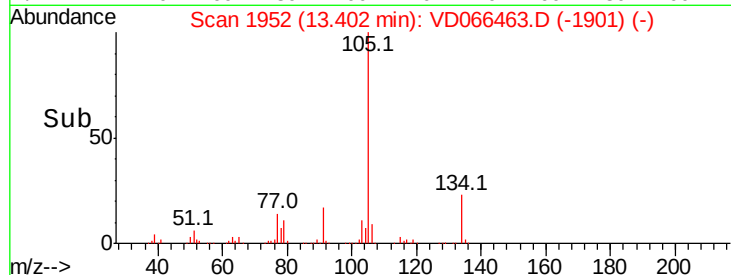
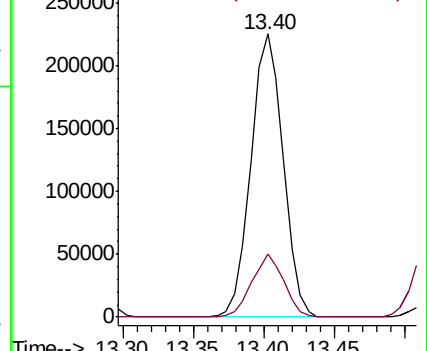
105 100

134 22.0 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.928 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

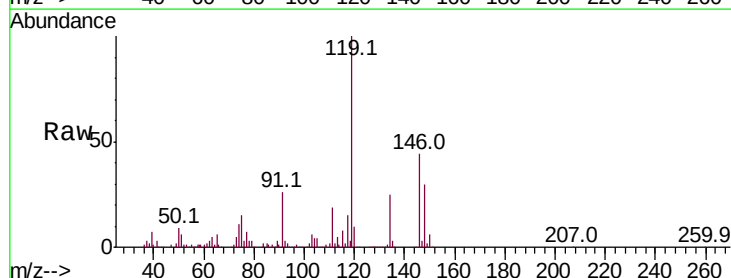
Tgt Ion:119 Resp: 360550

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.3

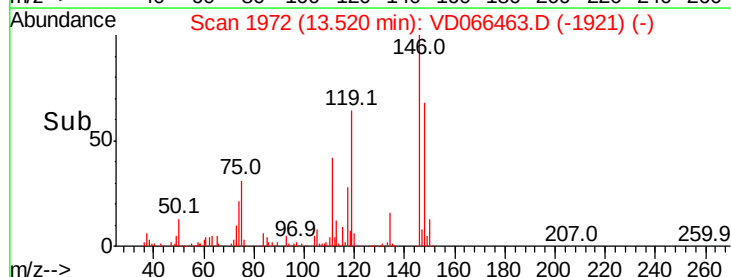
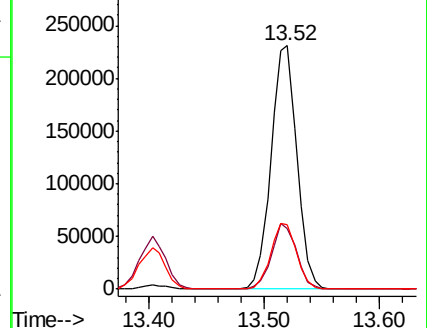
91 26.9 12.7 38.0

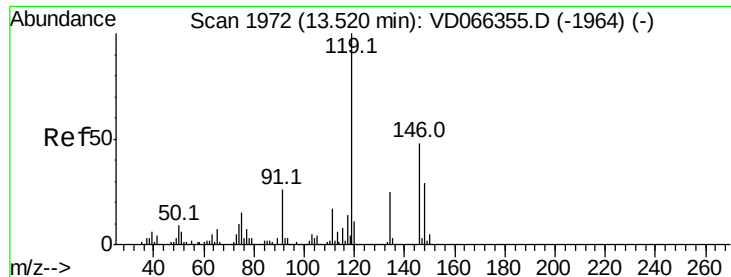


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.847 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0006-01MS

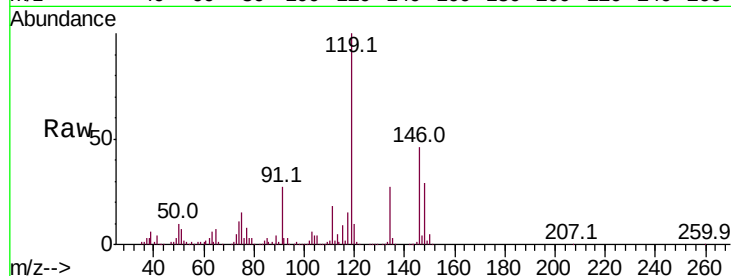
Tot Ion:146 Resp: 173341

Ion Ratio Lower Upper

146 100

111 40.1 18.9 56.9

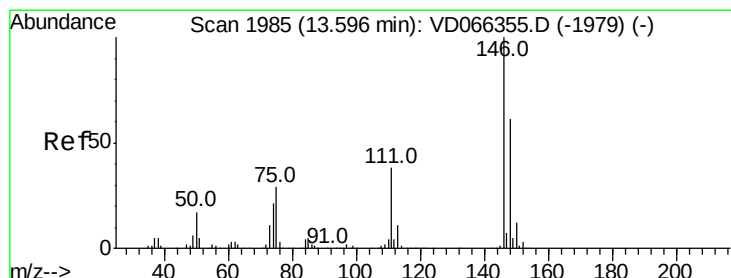
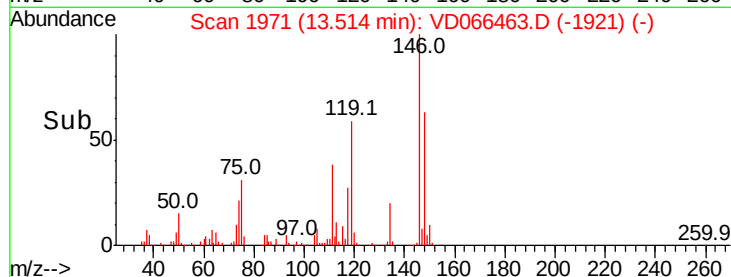
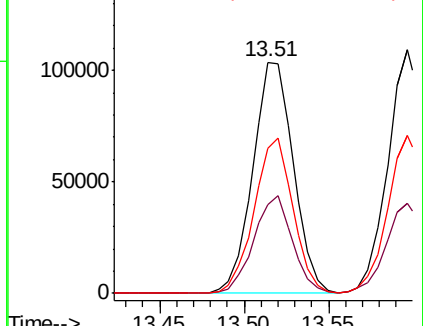
148 64.2 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.203 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD066463.D

Acq: 28 Aug 2020 16:45

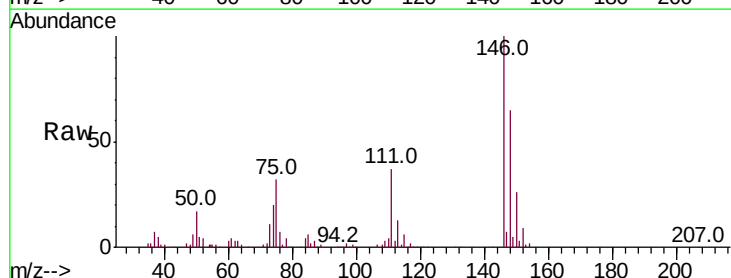
Tgt Ion:146 Resp: 175239

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.5

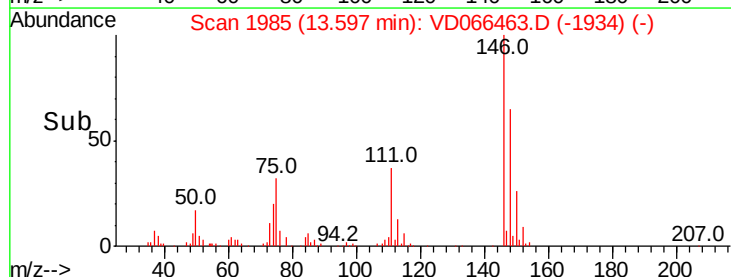
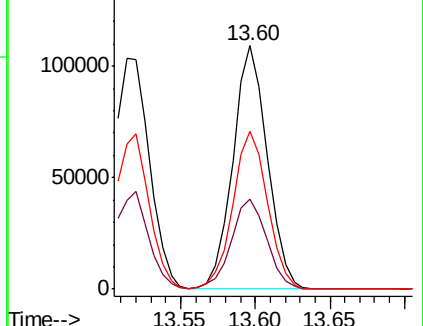
148 65.3 32.1 96.3

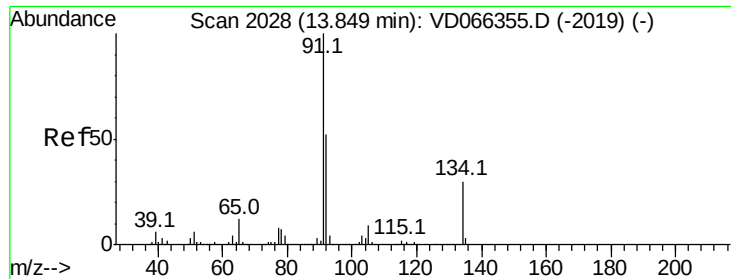


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

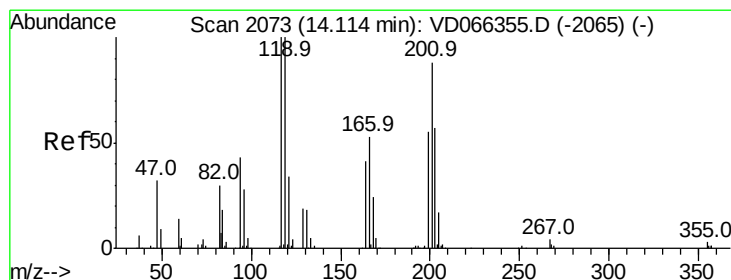
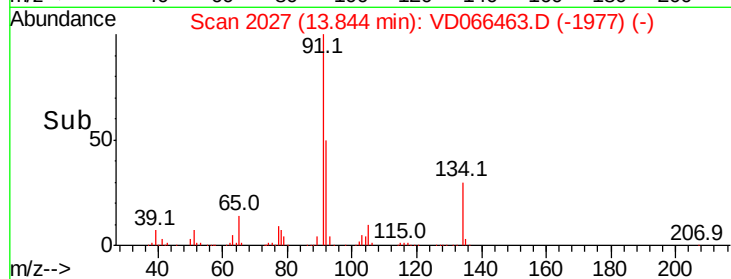
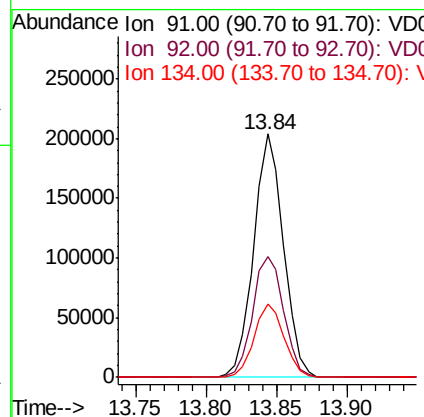
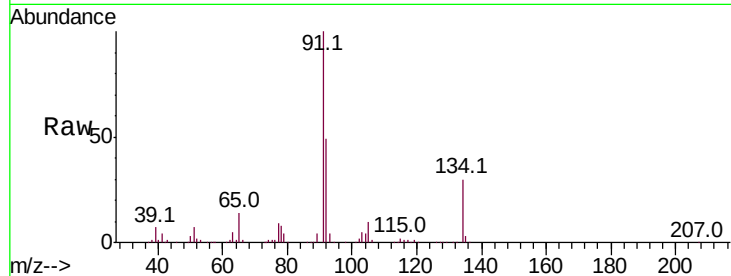




#89
n-Butylbenzene
Concen: 51.341 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

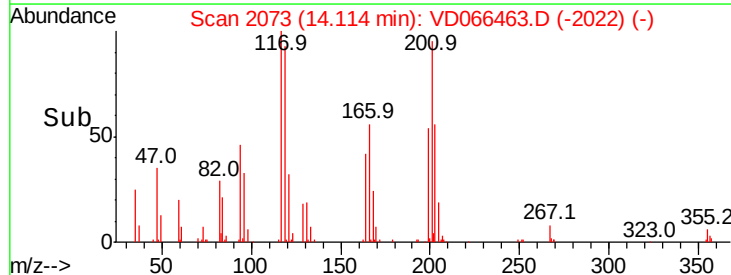
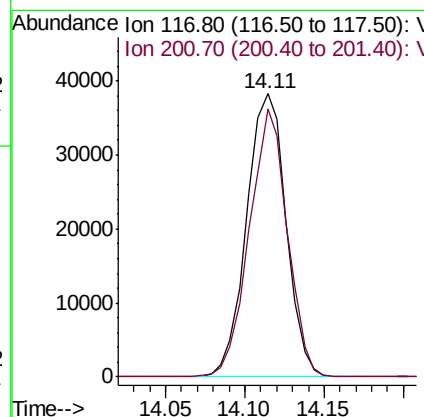
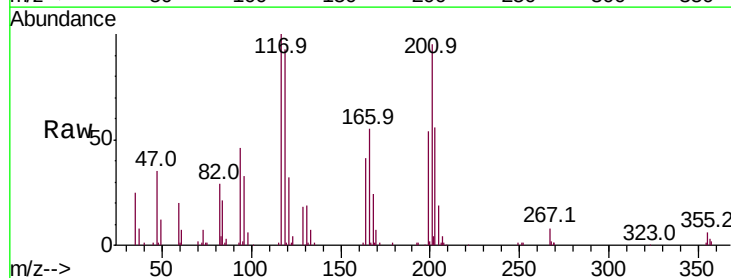
Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01MS

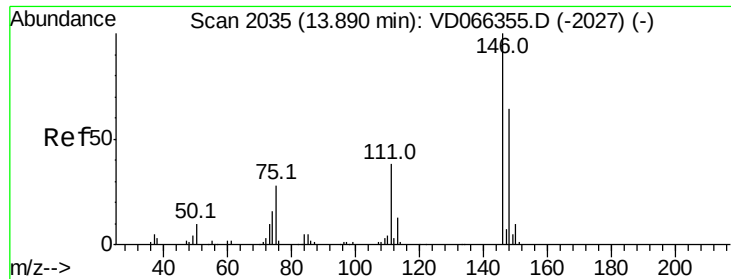
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.4	79.0
134	30.4	14.4	43.4



#90
Hexachloroethane
Concen: 50.150 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.9	45.4	136.2

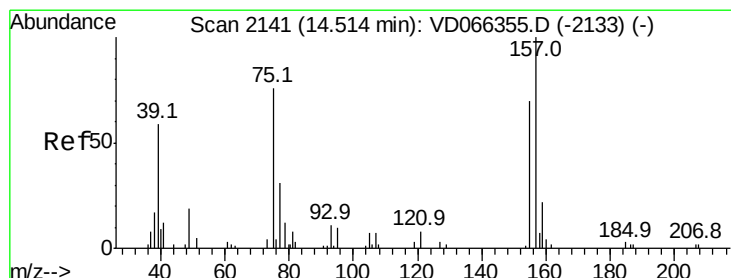
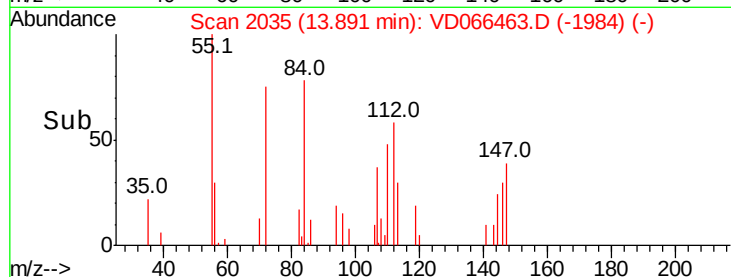
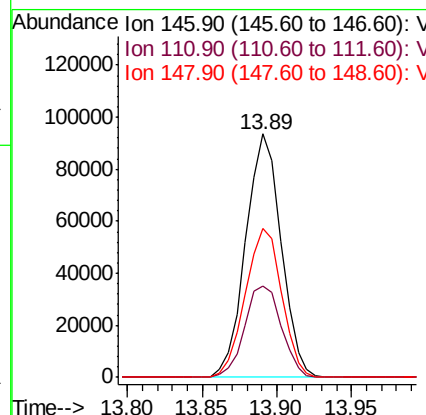
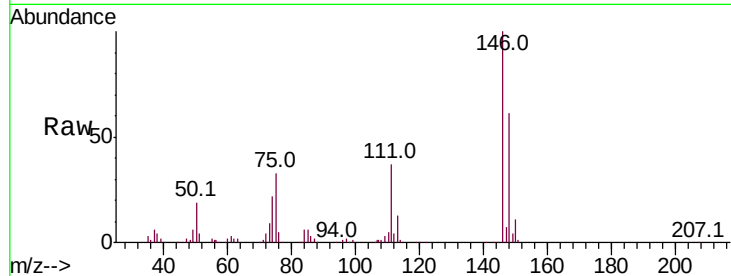




#91
 1,2-Dichlorobenzene
 Concen: 53.403 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

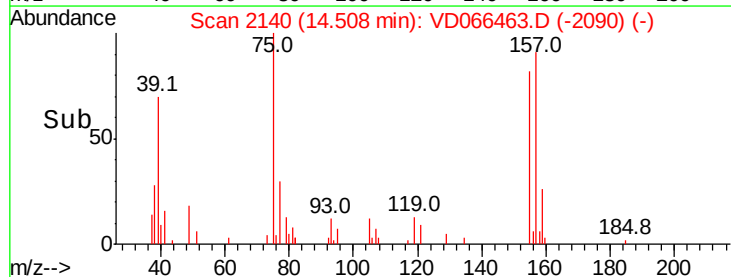
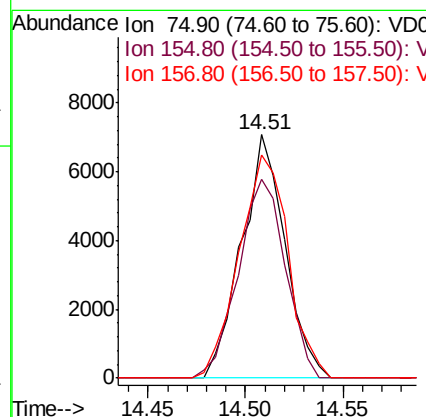
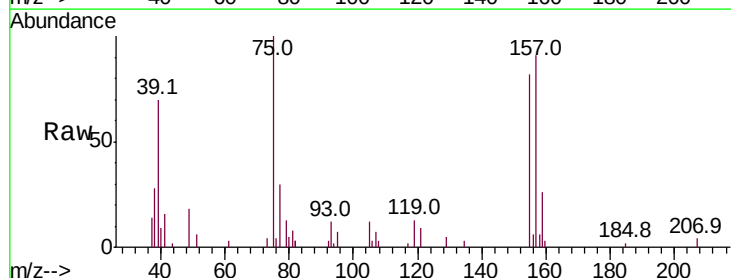
Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-0006-01MS

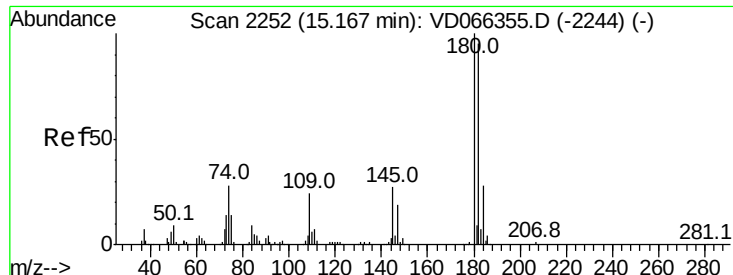
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.9	59.7
148	62.8	32.6	97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.815 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	46.9	140.6
157	102.8	61.0	183.0

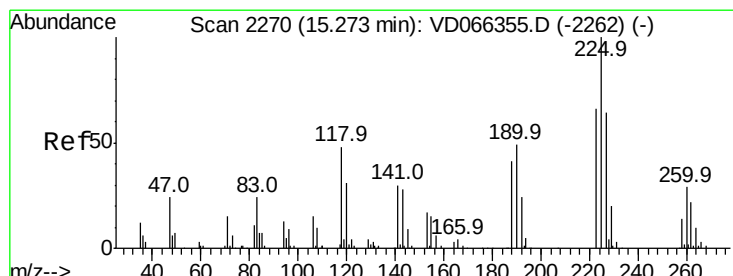
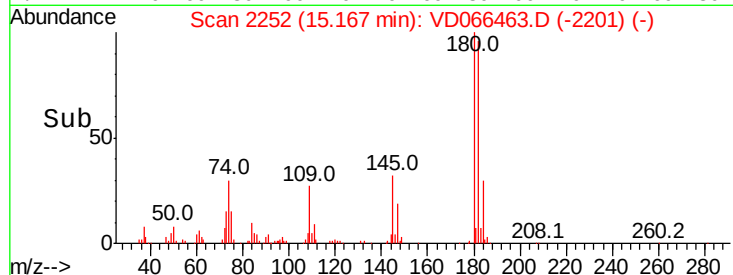
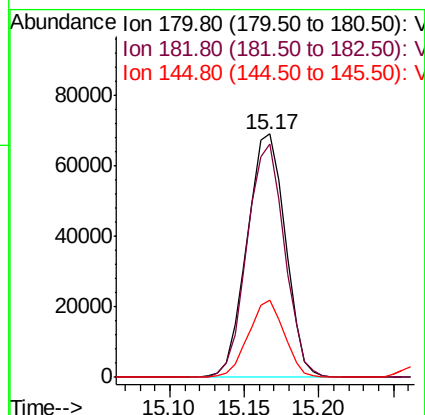
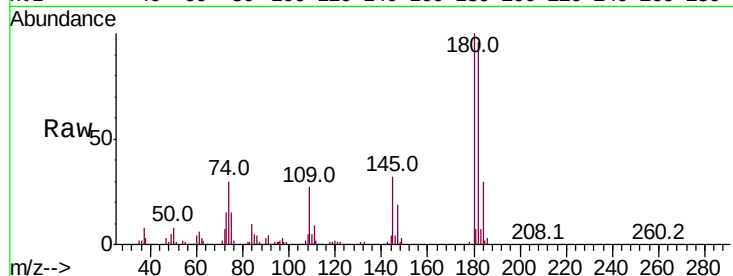




#93
 1,2,4-Trichlorobenzene
 Concen: 54.753 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

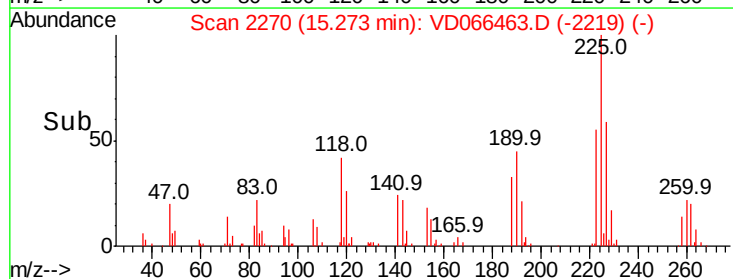
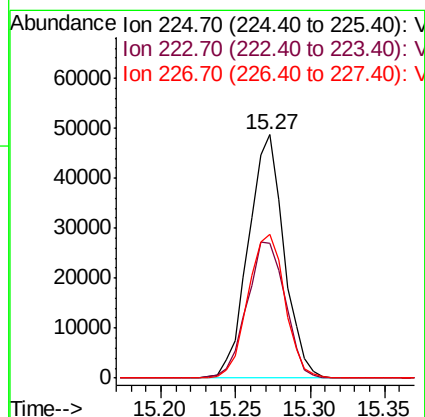
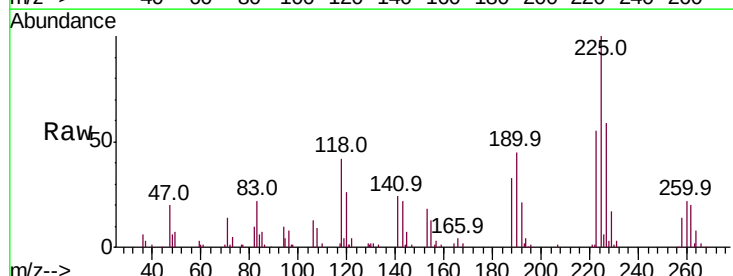
Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-0006-01MS

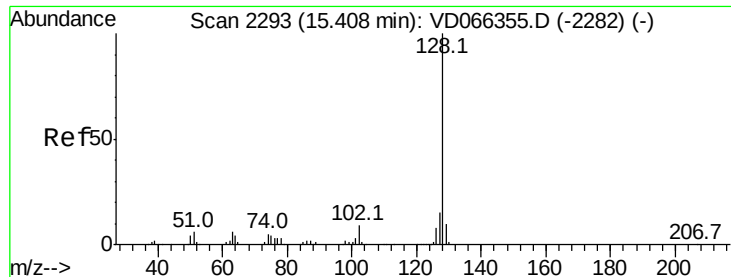
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.0	144.0
145	29.7	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 57.408 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066463.D
 Acq: 28 Aug 2020 16:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	32.5	97.4
227	61.3	33.0	98.9

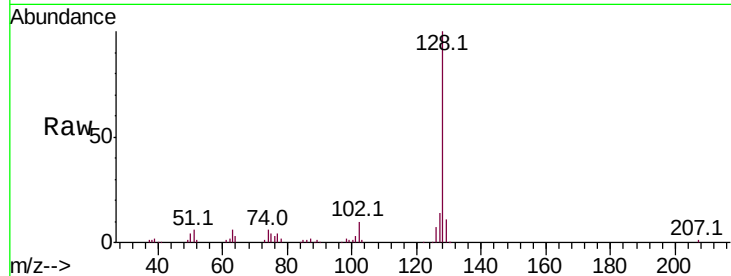




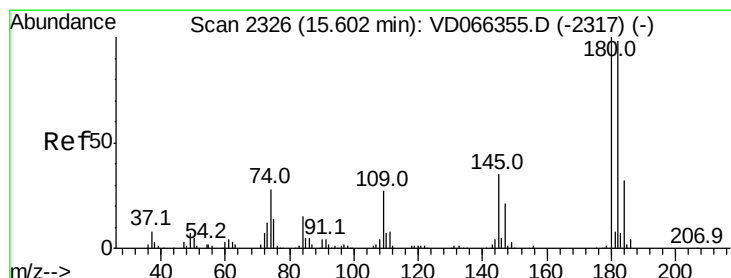
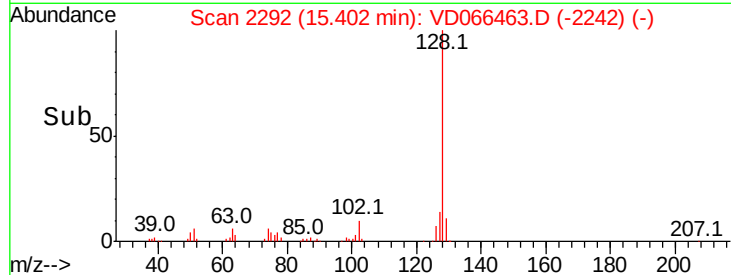
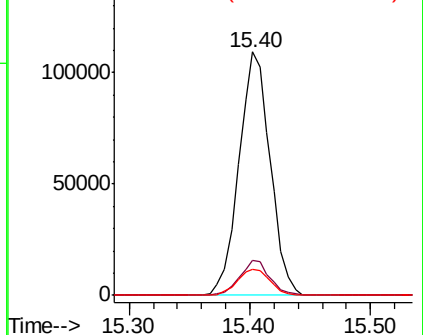
#95
Naphthalene
Concen: 55.757 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01MS

Tot Ion:128 Resp: 196772
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.3 8.6 12.8

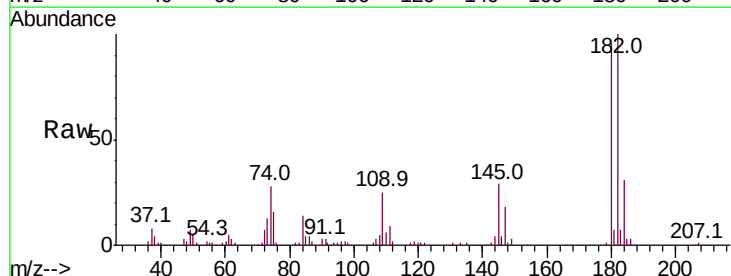


Abundance Ion 128.00 (127.70 to 128.70): V
150000 Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 54.291 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066463.D
Acq: 28 Aug 2020 16:45

Tgt Ion:180 Resp: 104500
Ion Ratio Lower Upper
180 100
182 97.7 46.7 140.0
145 33.5 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V
80000 Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

