

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062722\
 Data File : VD073731.D
 Acq On : 27 Jun 2022 19:56
 Operator : VA/SY
 Sample : VD0627SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBS01

Quant Time: Jun 28 02:12:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062722S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 16:20:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	224147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	377078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	369166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	193421	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	104449	57.895	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.800%
35) Dibromofluoromethane	7.908	113	104127	47.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.700%
50) Toluene-d8	10.332	98	328741	44.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.100%
62) 4-Bromofluorobenzene	12.620	95	141698	46.632	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	27962	22.463	ug/l	95
3) Chloromethane	2.209	50	23884	21.312	ug/l	94
4) Vinyl Chloride	2.344	62	25316	21.359	ug/l	98
5) Bromomethane	2.744	94	21977	24.627	ug/l	96
6) Chloroethane	2.909	64	18134	20.848	ug/l	96
7) Trichlorofluoromethane	3.256	101	65612	21.201	ug/l	94
8) Diethyl Ether	3.709	74	18847	22.259	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	38178	20.760	ug/l	98
10) Methyl Iodide	4.291	142	33221	20.774	ug/l	97
11) Tert butyl alcohol	5.173	59	59295	260.969	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	31277	20.864	ug/l	93
13) Acrolein	3.915	56	15771	227.567	ug/l	95
14) Allyl chloride	4.703	41	47304	20.215	ug/l	98
15) Acrylonitrile	5.409	53	50863	115.030	ug/l	97
16) Acetone	4.162	43	40645	114.121	ug/l #	89
17) Carbon Disulfide	4.403	76	60343	20.895	ug/l #	94
18) Methyl Acetate	4.715	43	26229	25.050	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	105504	22.954	ug/l	96
20) Methylene Chloride	4.950	84	67661	26.229	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	38649	21.852	ug/l	90
22) Diisopropyl ether	6.356	45	125305	21.827	ug/l	96
23) Vinyl Acetate	6.297	43	280820	94.147	ug/l	98
24) 1,1-Dichloroethane	6.256	63	77441	21.633	ug/l	100
25) 2-Butanone	7.203	43	58431	110.201	ug/l #	88
26) 2,2-Dichloropropane	7.197	77	68669	20.146	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	49528	21.857	ug/l	99
28) Bromochloromethane	7.538	49	27594	20.642	ug/l	97
29) Tetrahydrofuran	7.556	42	37508	116.873	ug/l	99
30) Chloroform	7.703	83	90451	21.591	ug/l	99
31) Cyclohexane	7.979	56	51524	20.055	ug/l #	96
32) 1,1,1-Trichloroethane	7.891	97	77268	21.173	ug/l	98
36) 1,1-Dichloropropene	8.103	75	53161	19.613	ug/l	100
37) Ethyl Acetate	7.285	43	28059	22.718	ug/l	94
38) Carbon Tetrachloride	8.085	117	67726	20.390	ug/l	91
39) Methylcyclohexane	9.344	83	52138	18.921	ug/l	98
40) Benzene	8.344	78	165022	20.457	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	16191	21.882	ug/l	95
42) 1,2-Dichloroethane	8.414	62	59508	23.262	ug/l	98
43) Isopropyl Acetate	8.444	43	55113	22.849	ug/l	99
44) Trichloroethene	9.103	130	47024	20.147	ug/l	90
45) 1,2-Dichloropropane	9.379	63	46243	21.290	ug/l	98
46) Dibromomethane	9.473	93	27458	22.041	ug/l	99
47) Bromodichloromethane	9.650	83	73806	22.089	ug/l #	95
48) Methyl methacrylate	9.444	41	25880	23.605	ug/l	98
49) 1,4-Dioxane	9.450	88	7602	495.632	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	146473	114.735	ug/l	99
52) Toluene	10.397	92	116573	21.502	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	65987	21.738	ug/l	92
54) cis-1,3-Dichloropropene	10.079	75	73815	21.366	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	42154	22.998	ug/l	91
56) Ethyl methacrylate	10.650	69	43251	20.694	ug/l	96
57) 1,3-Dichloropropane	10.938	76	65574	22.071	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	80518	100.088	ug/l	99
59) 2-Hexanone	10.973	43	98506	113.667	ug/l	97
60) Dibromochloromethane	11.126	129	53775	22.252	ug/l	96
61) 1,2-Dibromoethane	11.238	107	38965	22.523	ug/l	99
64) Tetrachloroethene	10.867	164	40429	20.123	ug/l	95
65) Chlorobenzene	11.661	112	134024	20.501	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	56940	21.373	ug/l	98
67) Ethyl Benzene	11.732	91	219132	19.670	ug/l	95
68) m/p-Xylenes	11.844	106	173964	40.523	ug/l	98
69) o-Xylene	12.167	106	81703	20.150	ug/l	98
70) Styrene	12.185	104	152201	21.628	ug/l	100
71) Bromoform	12.344	173	33315	21.834	ug/l #	98
73) Isopropylbenzene	12.467	105	219367	18.878	ug/l	100
74) N-amyl acetate	12.279	43	52355	20.436	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	49596	21.172	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	62637	43.285	ug/l #	1
77) Bromobenzene	12.744	156	57693	20.007	ug/l	97
78) n-propylbenzene	12.808	91	280275	19.398	ug/l	97
79) 2-Chlorotoluene	12.891	91	167409	19.701	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	201407	20.009	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	14757	20.770	ug/l	95
82) 4-Chlorotoluene	12.991	91	180919	20.241	ug/l	99
83) tert-Butylbenzene	13.208	119	165268	19.010	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	201830	20.280	ug/l	99
85) sec-Butylbenzene	13.385	105	253168	19.349	ug/l	99
86) p-Isopropyltoluene	13.502	119	213281	19.752	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	119532	20.342	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	120802	20.325	ug/l	98
89) n-Butylbenzene	13.826	91	194098	19.133	ug/l	99
90) Hexachloroethane	14.096	117	43388	18.986	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	110047	20.920	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	8635	22.347	ug/l	95
93) 1,2,4-Trichlorobenzene	15.138	180	65476	20.686	ug/l	97
94) Hexachlorobutadiene	15.249	225	34293	19.574	ug/l	97
95) Naphthalene	15.379	128	119590	20.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	60016	21.507	ug/l	95

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Jun 27 16:20:04 2022
Response via : Initial Calibration

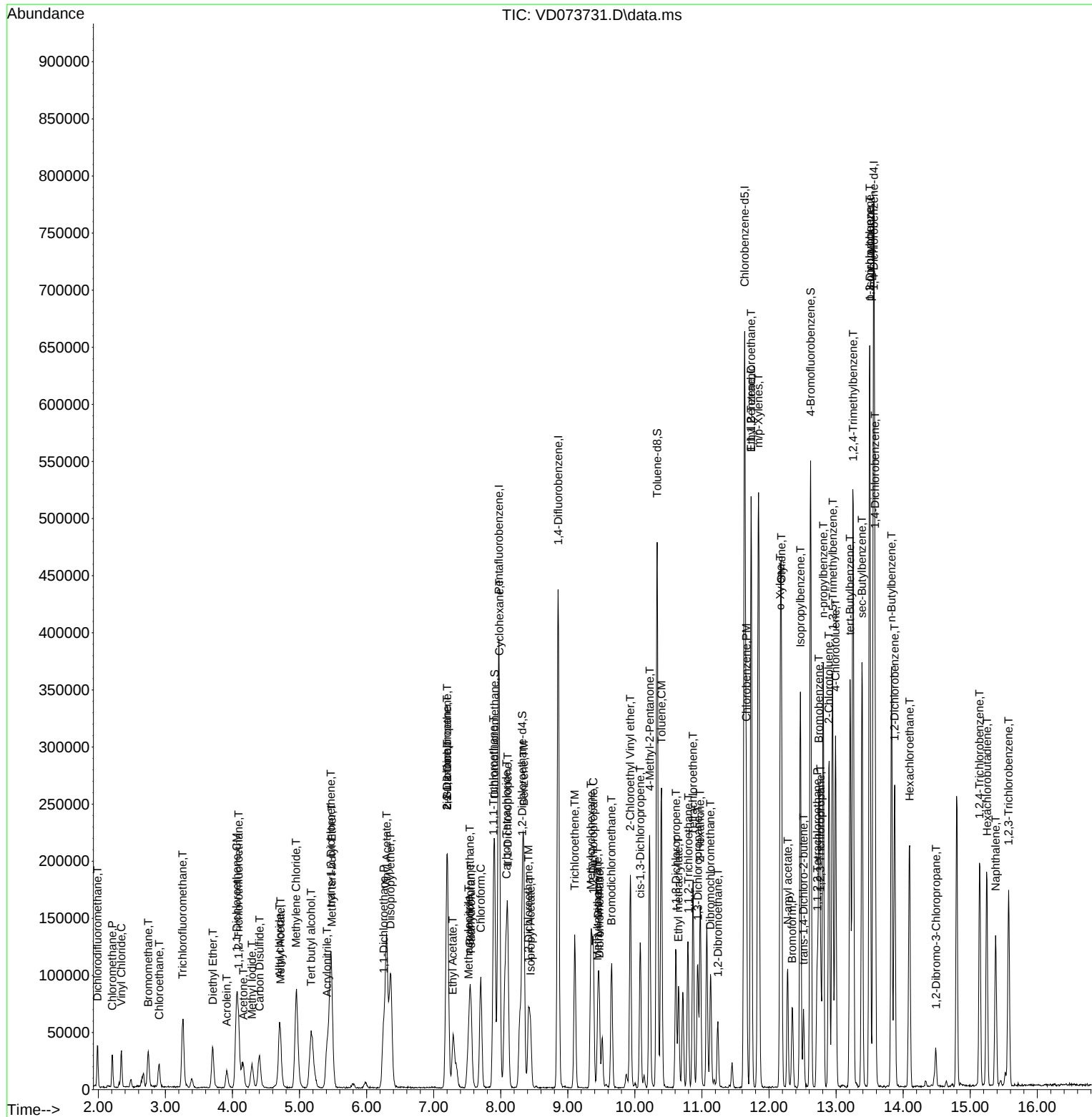
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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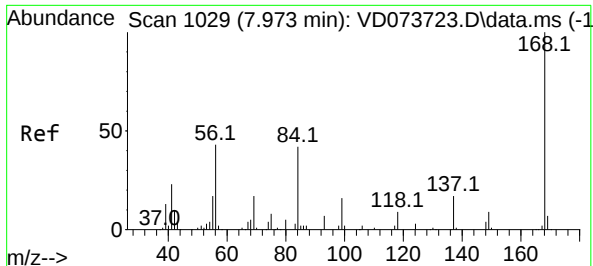
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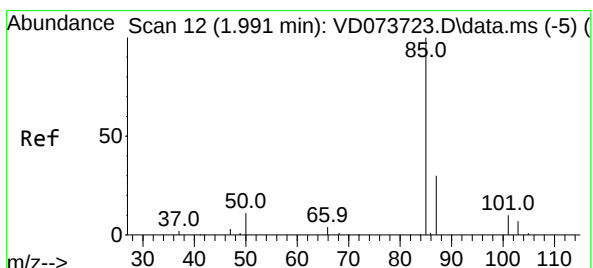
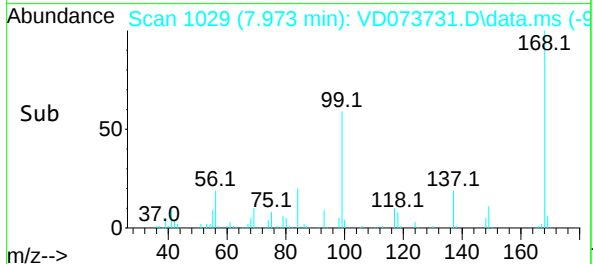
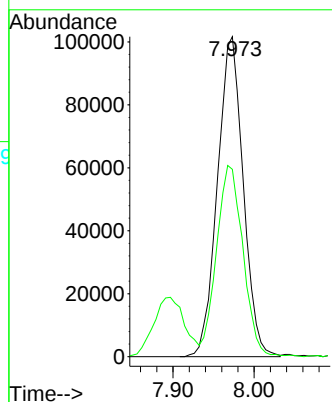
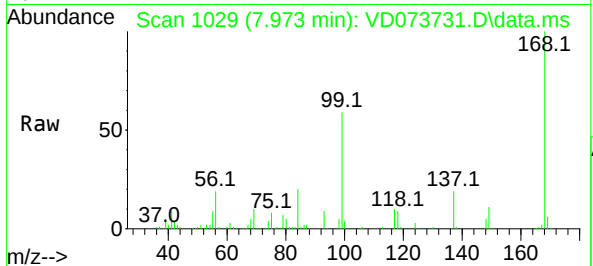




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073731.D
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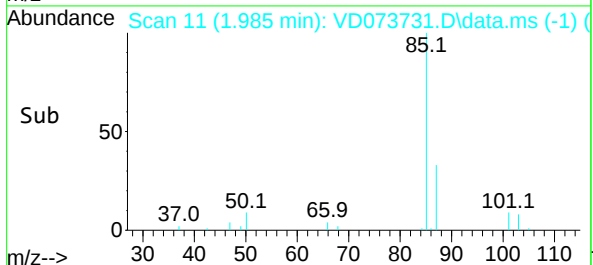
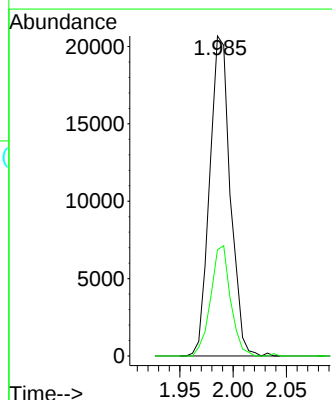
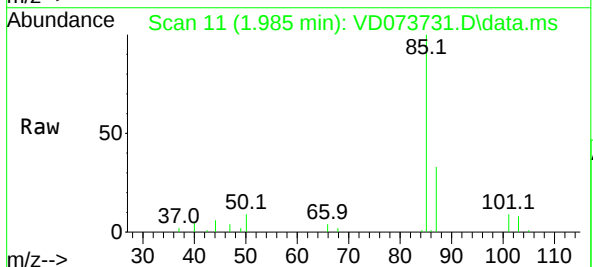
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

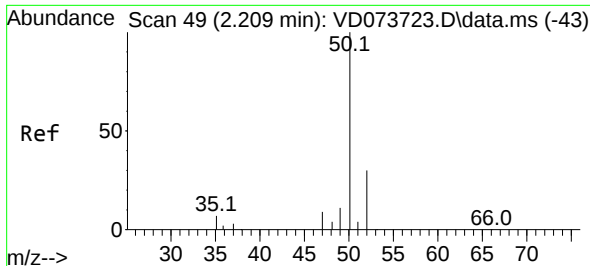
Tgt Ion:168 Resp: 224147
Ion Ratio Lower Upper
168 100
99 58.1 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 22.463 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 85 Resp: 27962
Ion Ratio Lower Upper
85 100
87 33.2 15.2 45.5

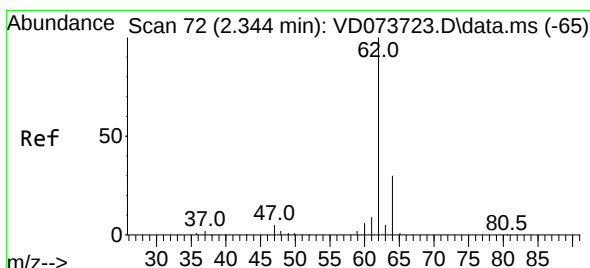
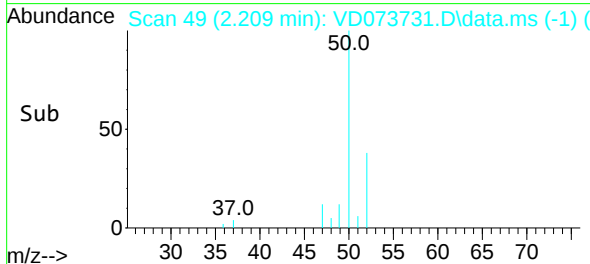
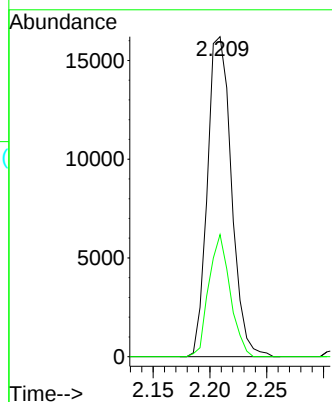
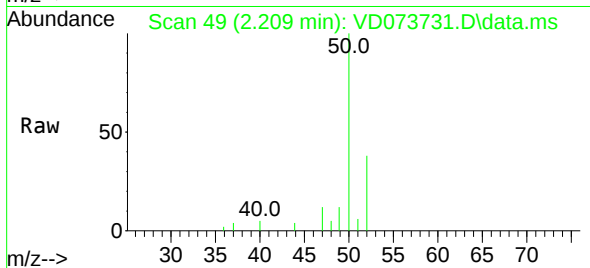




#3
Chloromethane
Concen: 21.312 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

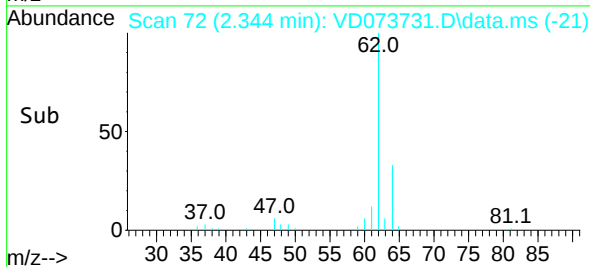
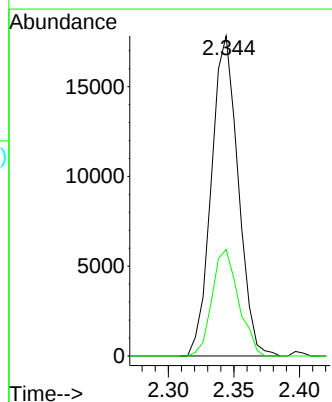
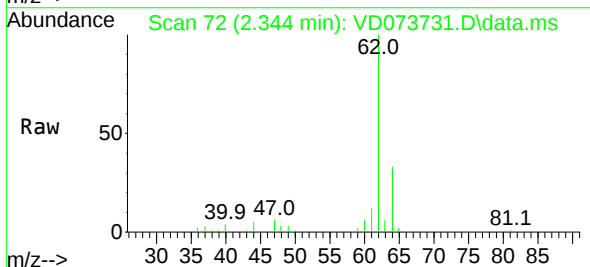
Instrument :
MSVOA_D
ClientSampleId :
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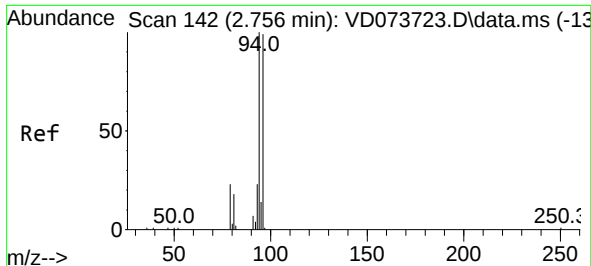
Tgt Ion: 50 Resp: 23884
Ion Ratio Lower Upper
50 100
52 38.2 27.8 41.6



#4
Vinyl Chloride
Concen: 21.359 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 62 Resp: 25316
Ion Ratio Lower Upper
62 100
64 33.3 27.8 41.6

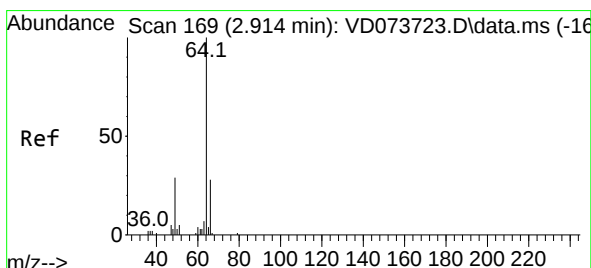
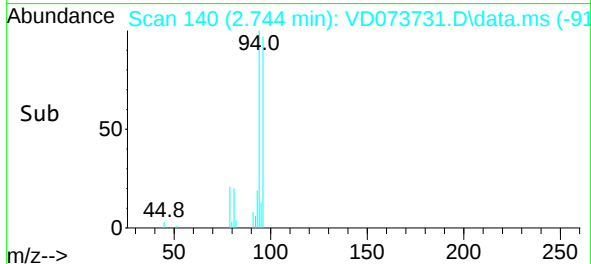
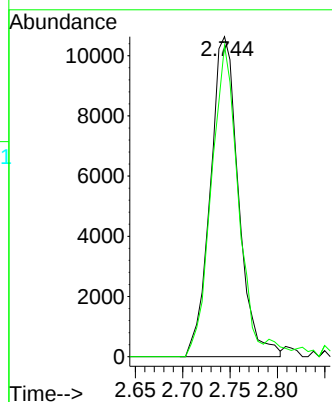
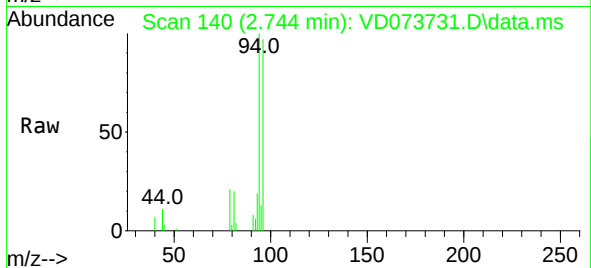




#5
Bromomethane
Concen: 24.627 ug/l
RT: 2.744 min Scan# 142
Delta R.T. -0.012 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

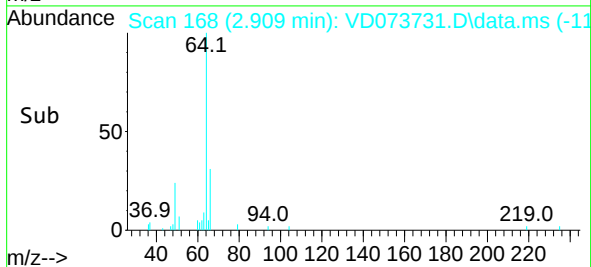
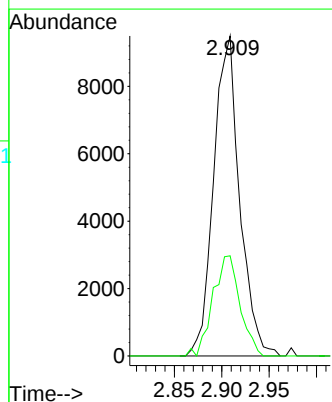
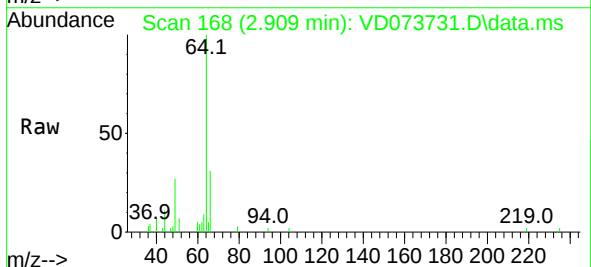
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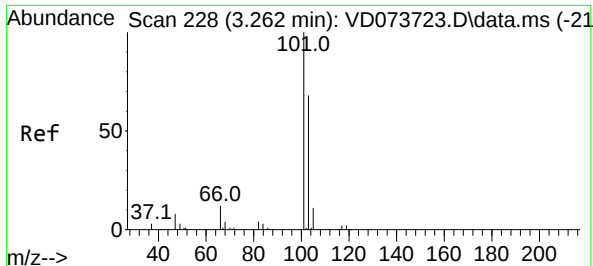
Tgt Ion: 94 Resp: 21977
Ion Ratio Lower Upper
94 100
96 97.4 75.1 112.7



#6
Chloroethane
Concen: 20.848 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.005 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 64 Resp: 18134
Ion Ratio Lower Upper
64 100
66 31.3 23.3 34.9

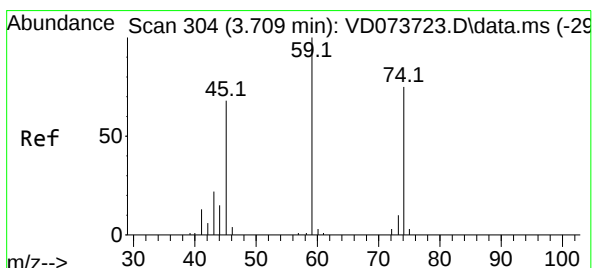
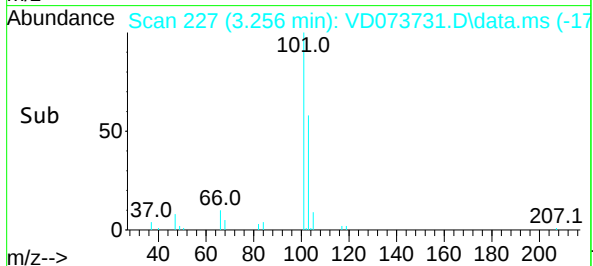
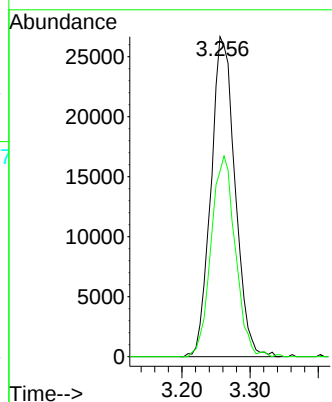
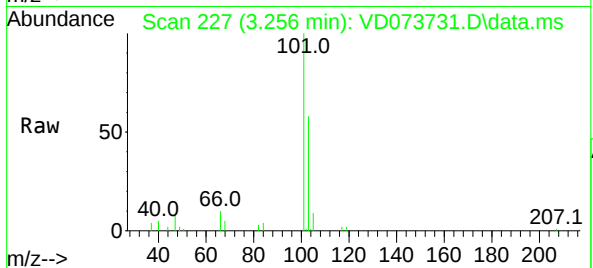




#7
 Trichlorofluoromethane
 Concen: 21.201 ug/l
 RT: 3.256 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073731.D
 Acq: 27 Jun 2022 19:56

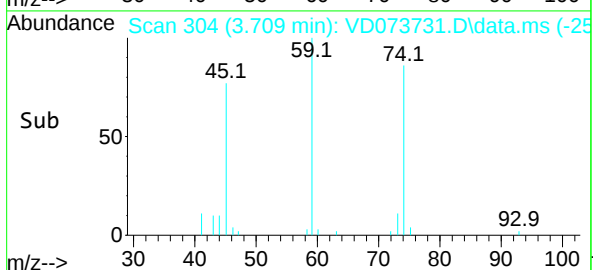
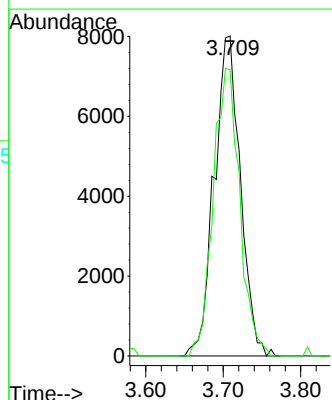
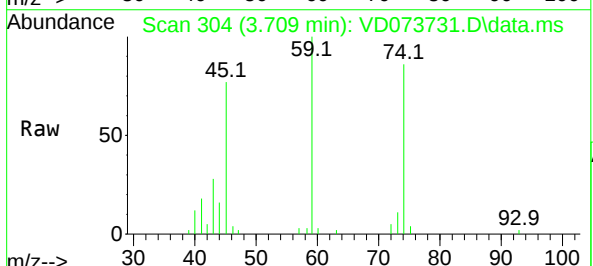
Instrument :
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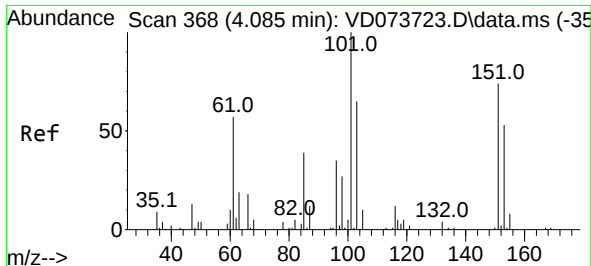
Tgt Ion:101 Resp: 65612
 Ion Ratio Lower Upper
 101 100
 103 58.0 50.4 75.6



#8
 Diethyl Ether
 Concen: 22.259 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073731.D
 Acq: 27 Jun 2022 19:56

Tgt Ion: 74 Resp: 18847
 Ion Ratio Lower Upper
 74 100
 45 90.9 45.0 134.8

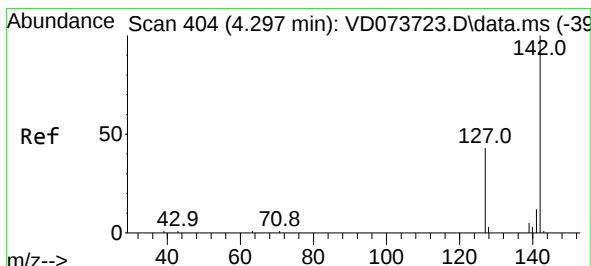
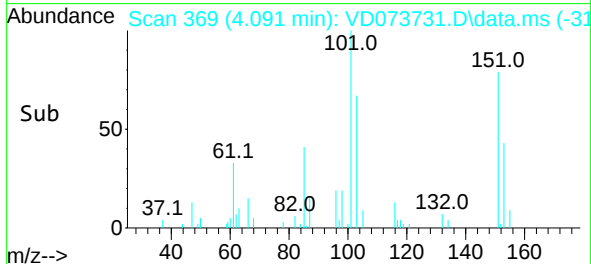
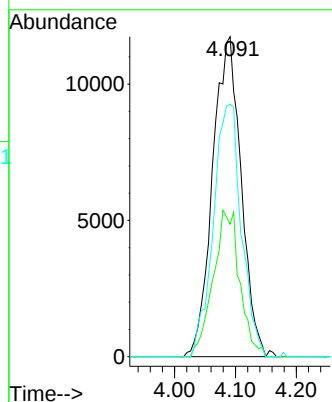
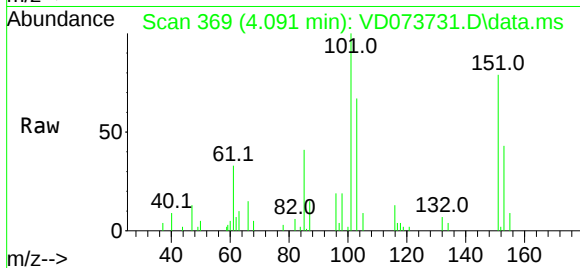




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.760 ug/l
RT: 4.091 min Scan# 30
Delta R.T. 0.006 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

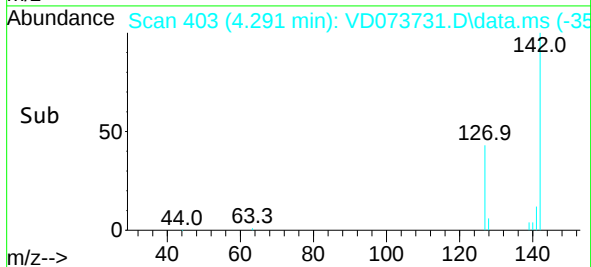
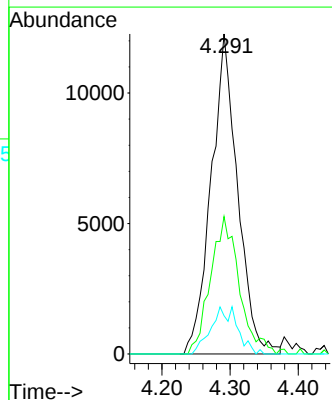
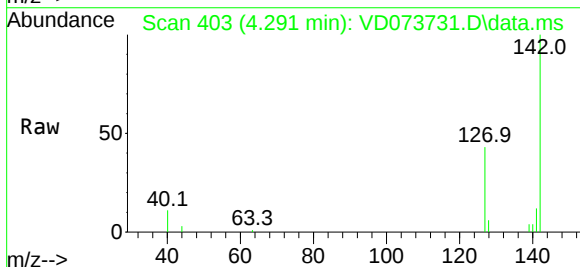
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

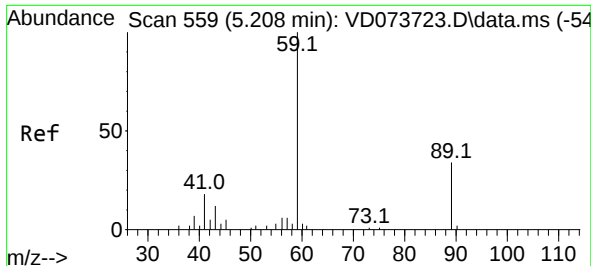
Tgt Ion:101 Resp: 38178
Ion Ratio Lower Upper
101 100
85 42.5 34.8 52.2
151 77.7 63.4 95.0



#10
Methyl Iodide
Concen: 20.774 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion:142 Resp: 33221
Ion Ratio Lower Upper
142 100
127 46.4 39.4 59.2
141 14.7 11.9 17.9





#11

Tert butyl alcohol

Concen: 260.969 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.035 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

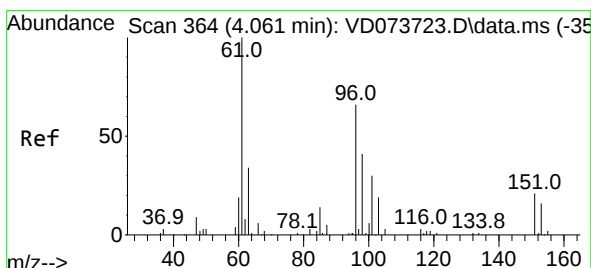
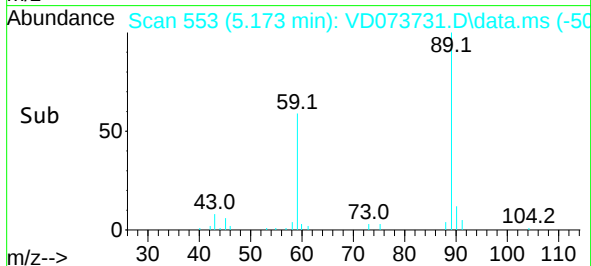
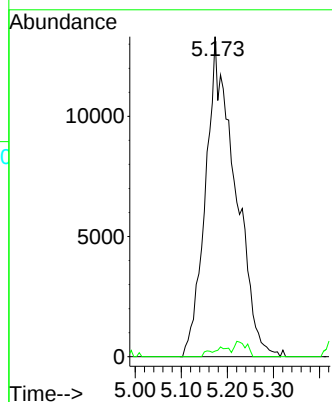
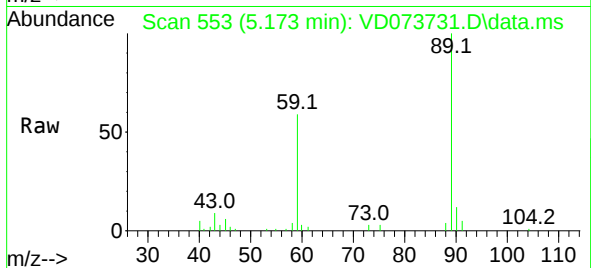
VD0627SBSD01

Tgt Ion: 59 Resp: 59295

Ion Ratio Lower Upper

59 100

57 1.2 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 20.864 ug/l

RT: 4.062 min Scan# 364

Delta R.T. 0.001 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

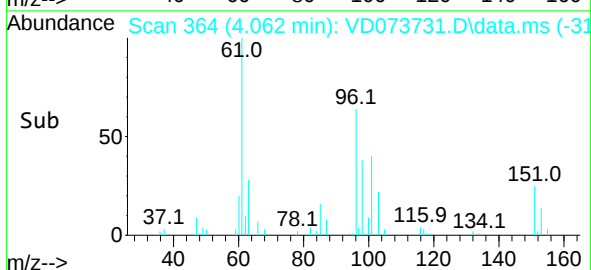
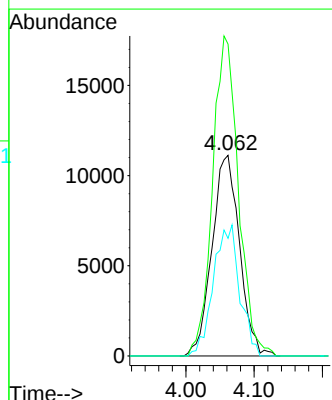
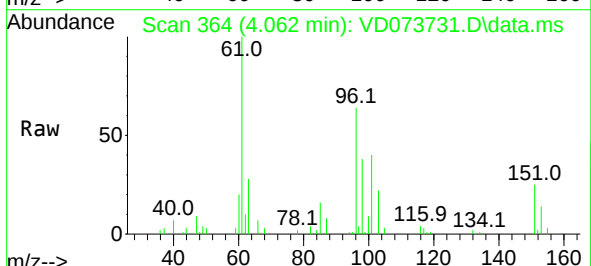
Tgt Ion: 96 Resp: 31277

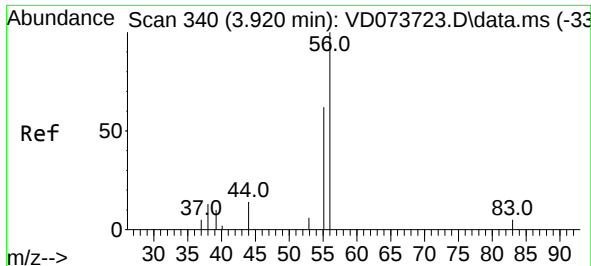
Ion Ratio Lower Upper

96 100

61 155.4 116.3 174.5

98 58.6 48.7 73.1

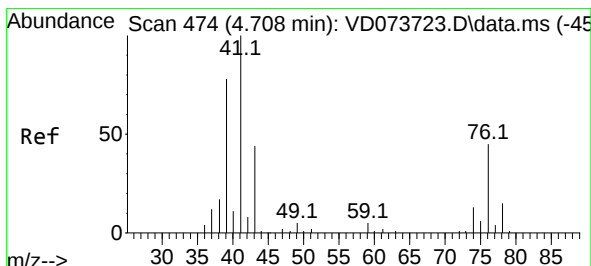
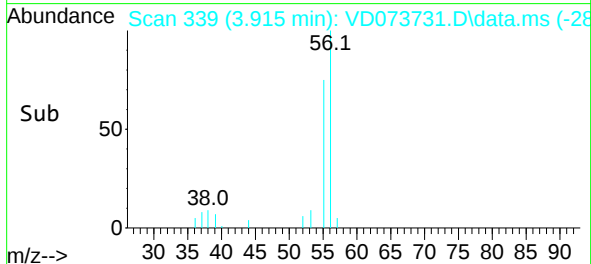
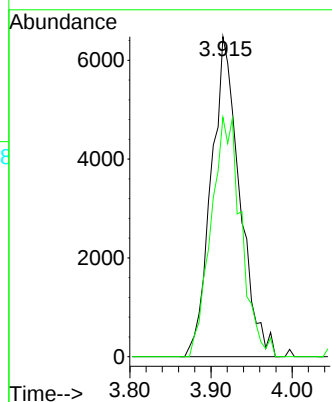
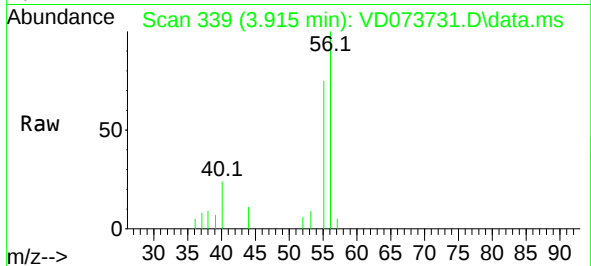




#13
Acrolein
Concen: 227.567 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

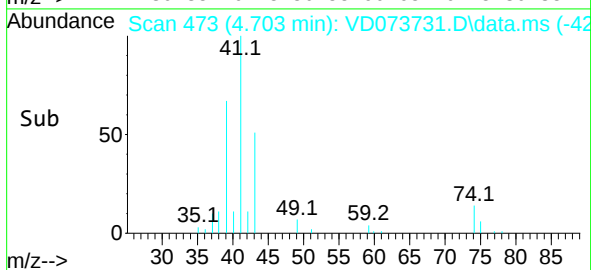
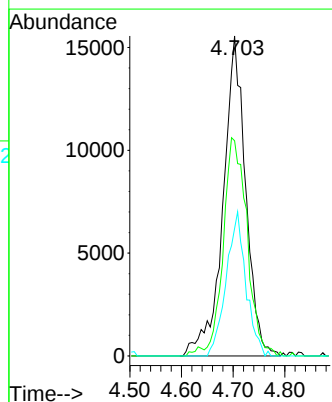
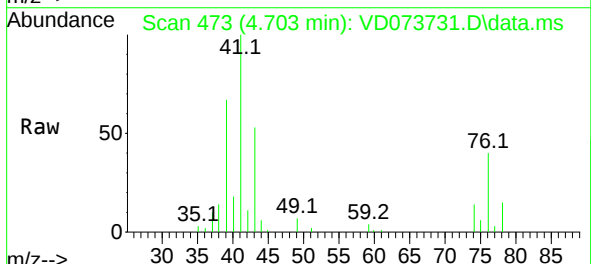
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

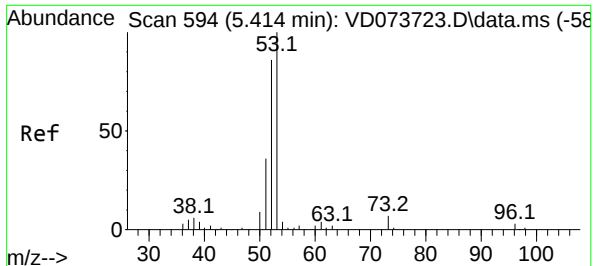
Tgt Ion: 56 Resp: 15771
Ion Ratio Lower Upper
56 100
55 79.4 60.3 90.5



#14
Allyl chloride
Concen: 20.215 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.005 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 41 Resp: 47304
Ion Ratio Lower Upper
41 100
39 72.3 56.6 85.0
76 39.3 32.7 49.1

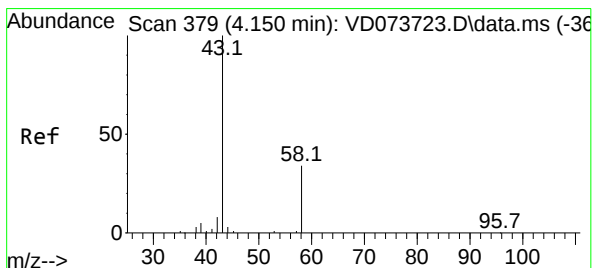
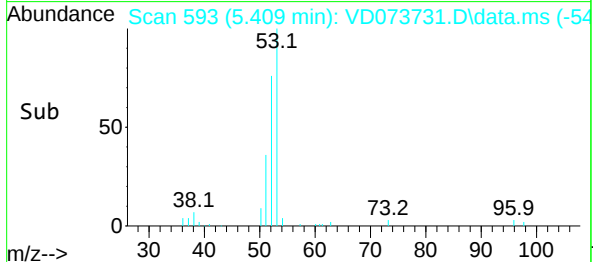
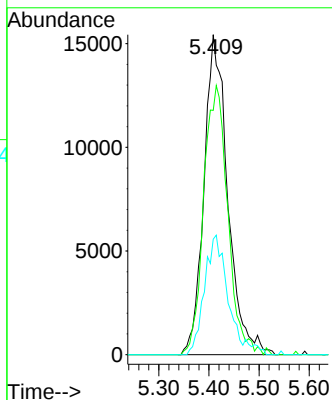
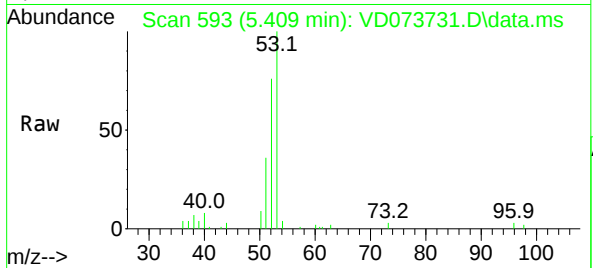




#15
Acrylonitrile
Concen: 115.030 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

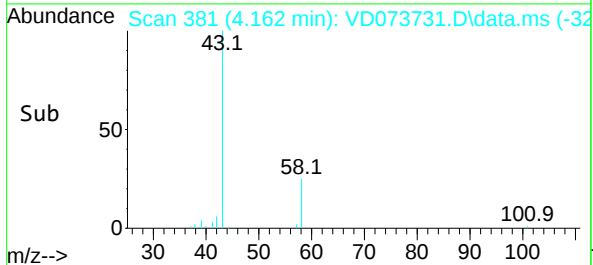
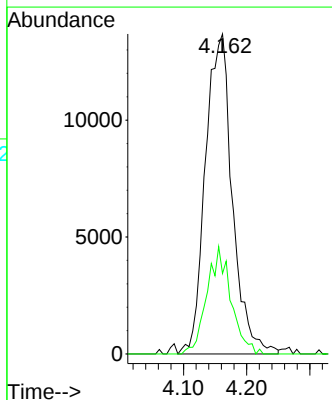
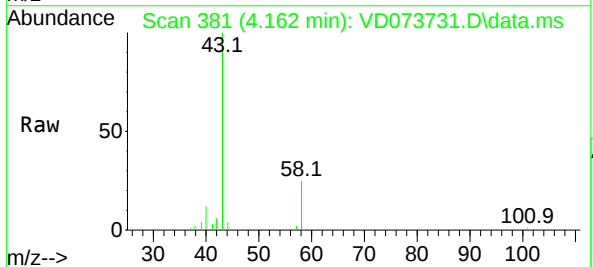
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

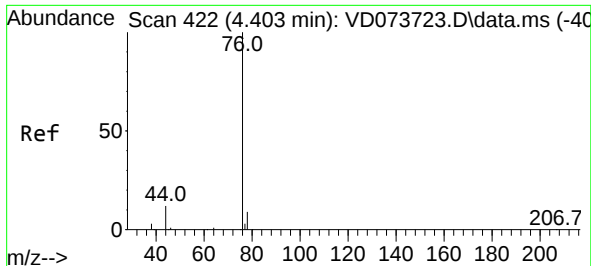
Tgt Ion: 53	Resp: 50863
Ion Ratio	Lower Upper
53 100	
52 85.3	66.2 99.2
51 35.4	30.2 45.2



#16
Acetone
Concen: 114.121 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 43	Resp: 40645
Ion Ratio	Lower Upper
43 100	
58 25.1	25.2 37.8





#17

Carbon Disulfide

Concen: 20.895 ug/l

RT: 4.403 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

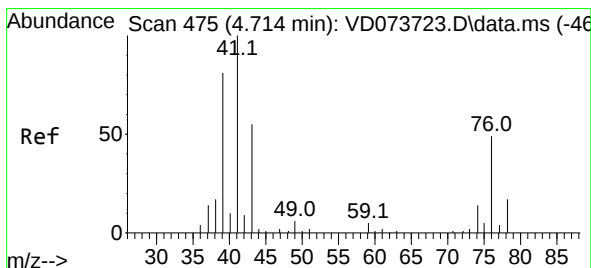
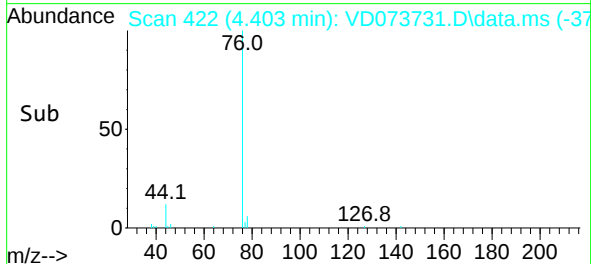
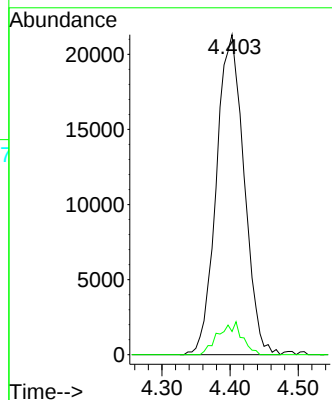
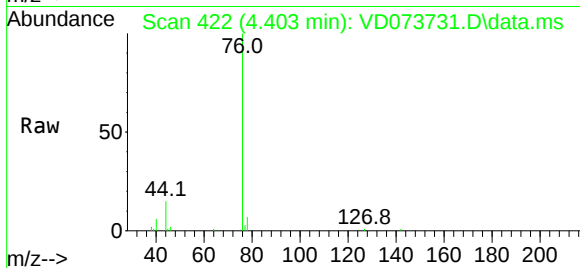
VD0627SBSD01

Tgt Ion: 76 Resp: 60343

Ion Ratio Lower Upper

76 100

78 7.2 7.7 11.5#



#18

Methyl Acetate

Concen: 25.050 ug/l

RT: 4.715 min Scan# 475

Delta R.T. 0.001 min

Lab File: VD073731.D

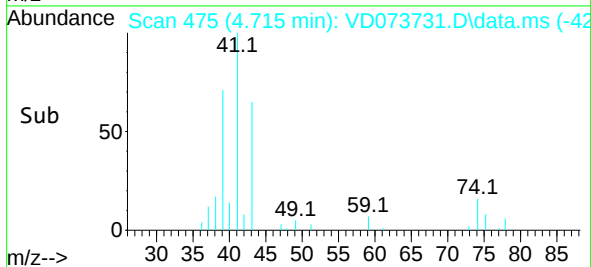
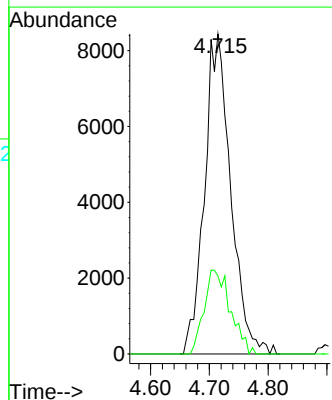
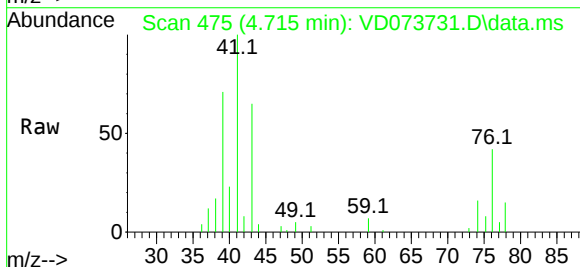
Acq: 27 Jun 2022 19:56

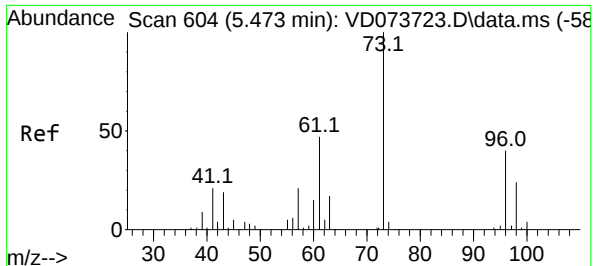
Tgt Ion: 43 Resp: 26229

Ion Ratio Lower Upper

43 100

74 26.2 20.2 30.4

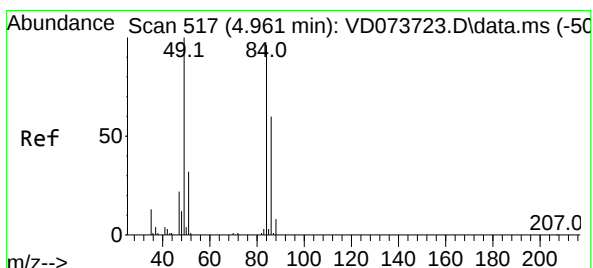
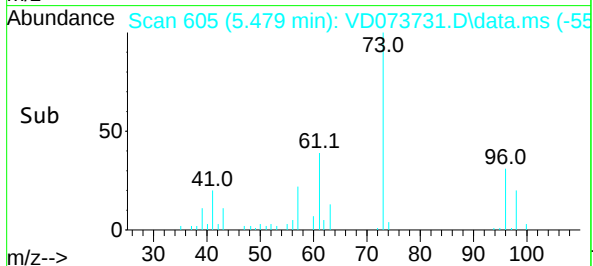
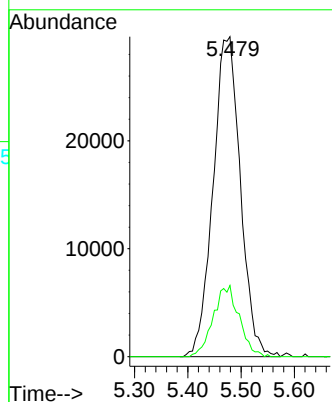
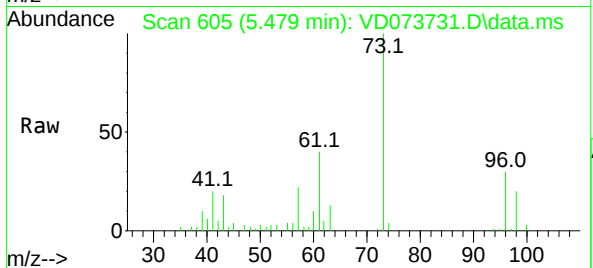




#19
Methyl tert-butyl Ether
Concen: 22.954 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

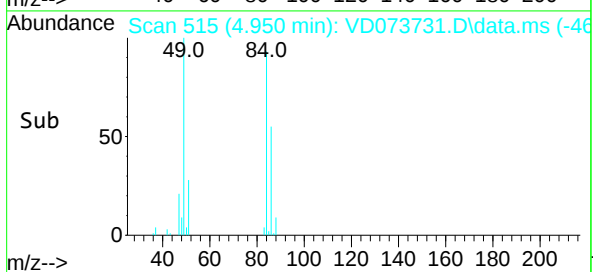
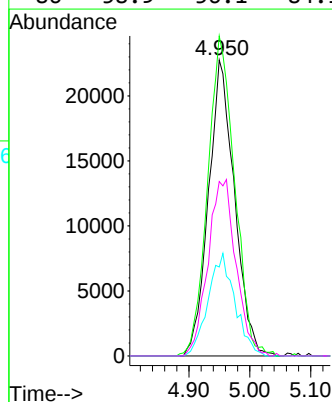
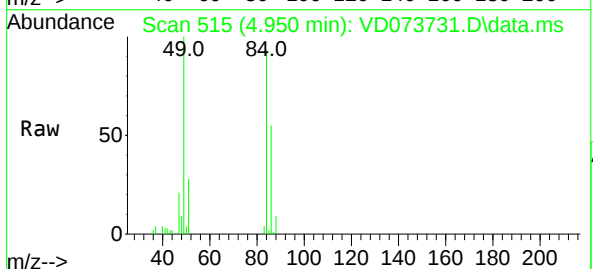
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

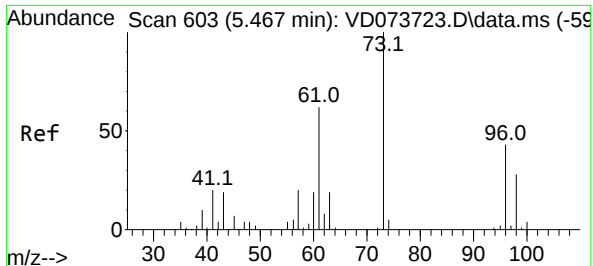
Tgt Ion: 73 Resp: 105504
Ion Ratio Lower Upper
73 100
57 22.3 16.3 24.5



#20
Methylene Chloride
Concen: 26.229 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.011 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 84 Resp: 67661
Ion Ratio Lower Upper
84 100
49 108.1 100.6 150.8
51 30.1 29.8 44.6
86 58.9 56.1 84.1

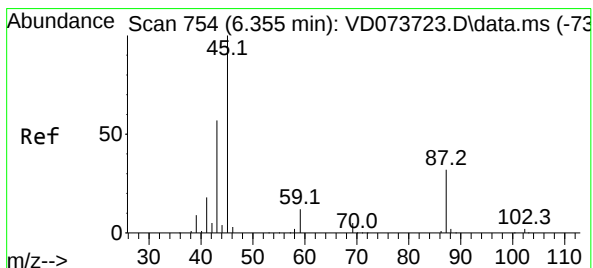
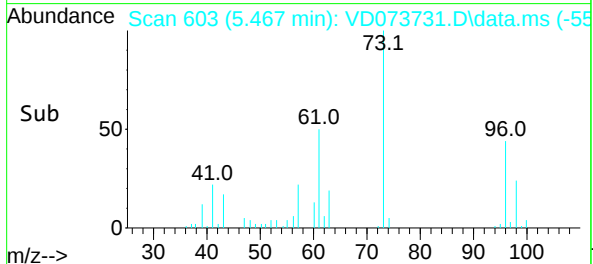
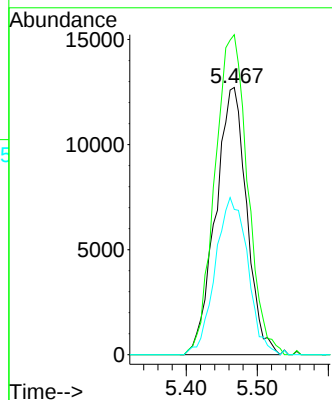
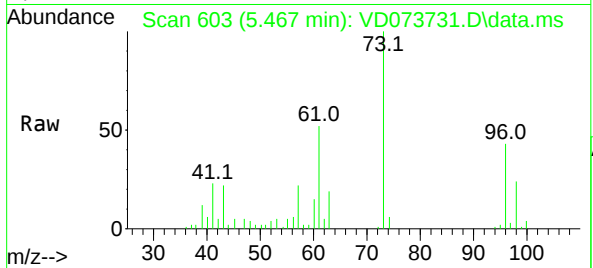




#21
trans-1,2-Dichloroethene
Concen: 21.852 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

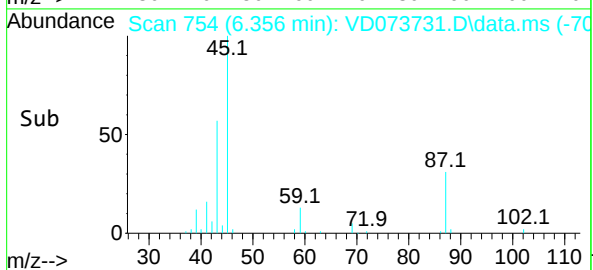
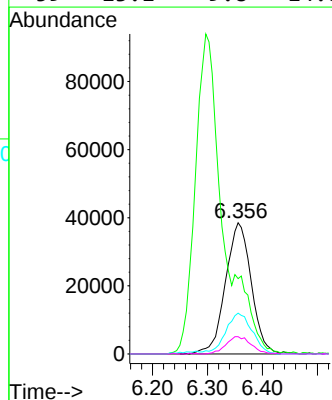
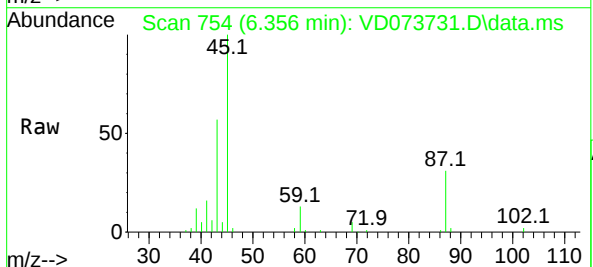
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

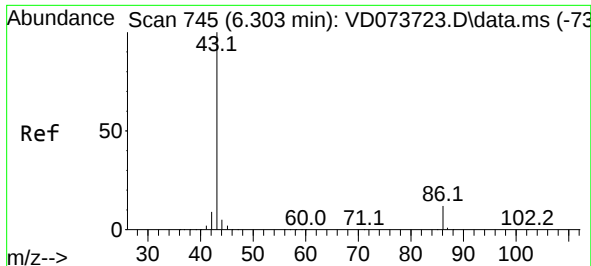
Tgt Ion: 96 Resp: 38649
Ion Ratio Lower Upper
96 100
61 119.8 105.0 157.6
98 54.4 50.6 75.8



#22
Diisopropyl ether
Concen: 21.827 ug/l
RT: 6.356 min Scan# 754
Delta R.T. 0.001 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 45 Resp: 125305
Ion Ratio Lower Upper
45 100
43 56.5 42.1 63.1
87 31.0 24.2 36.4
59 13.1 9.8 14.8

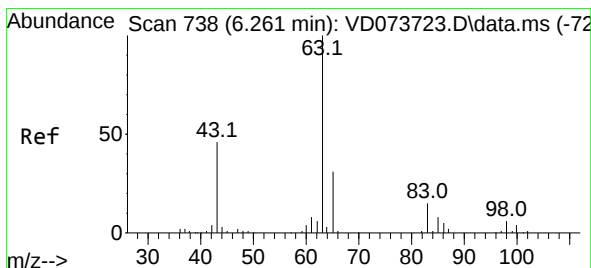
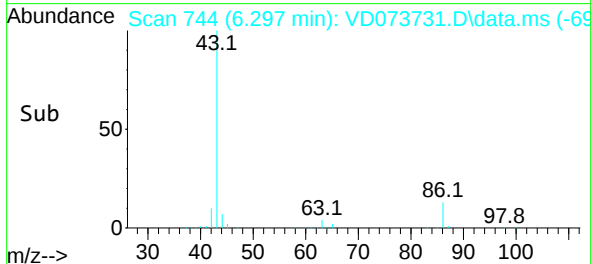
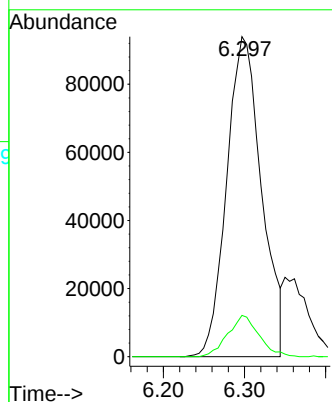
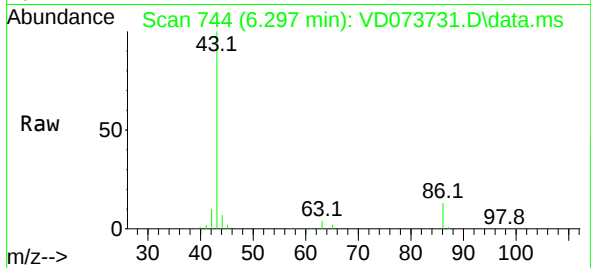




#23
 Vinyl Acetate
 Concen: 94.147 ug/l
 RT: 6.297 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD073731.D
 Acq: 27 Jun 2022 19:56

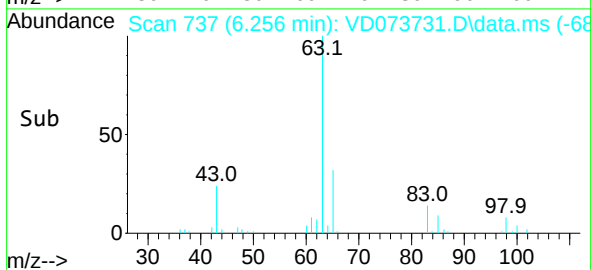
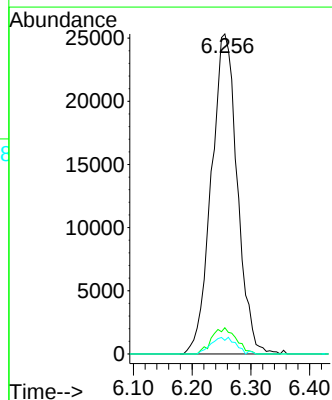
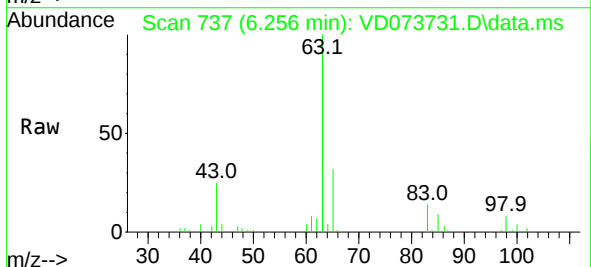
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBS01

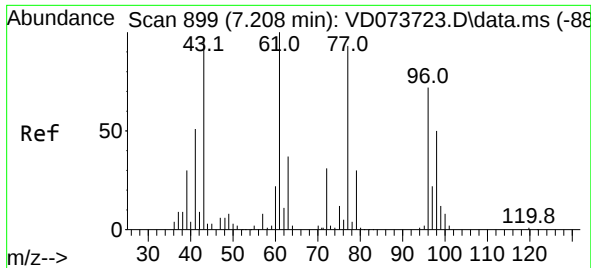
Tgt Ion: 43 Resp: 280820
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 21.633 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073731.D
 Acq: 27 Jun 2022 19:56

Tgt Ion: 63 Resp: 77441
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 4.2 2.1 6.5

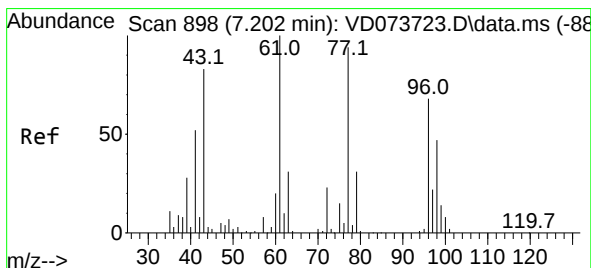
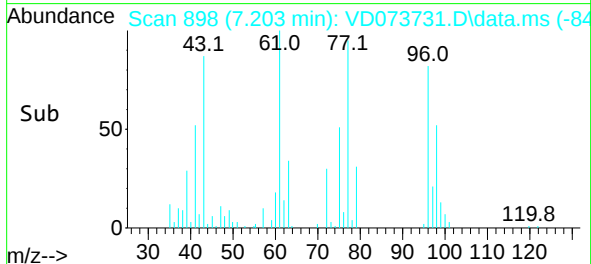
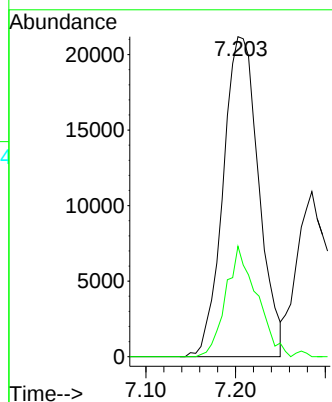
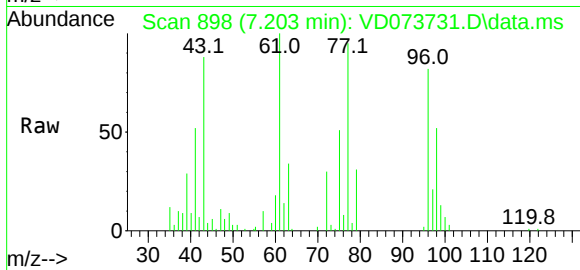




#25
2-Butanone
Concen: 110.201 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

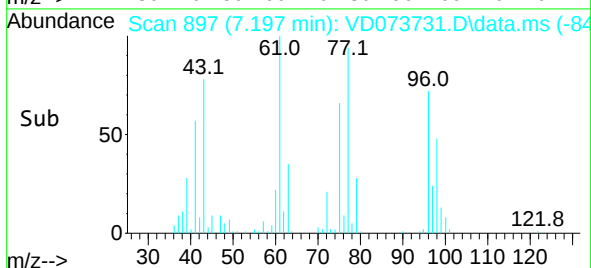
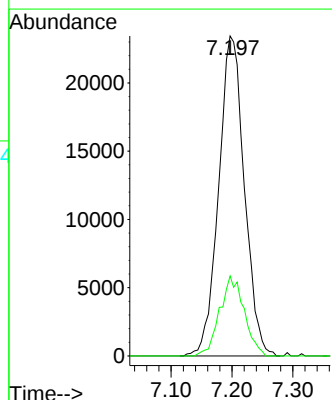
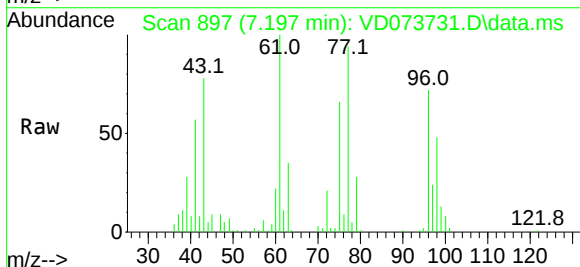
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

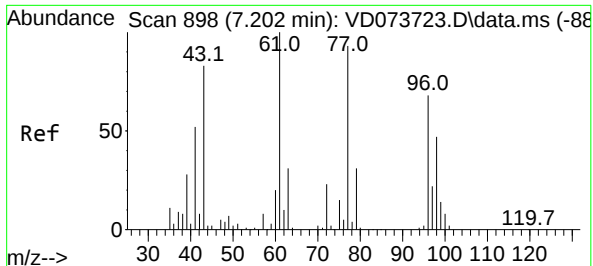
Tgt Ion: 43 Resp: 58431
Ion Ratio Lower Upper
43 100
72 34.5 22.6 33.8#



#26
2,2-Dichloropropane
Concen: 20.146 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.005 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 77 Resp: 68669
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 21.857 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.001 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBS01

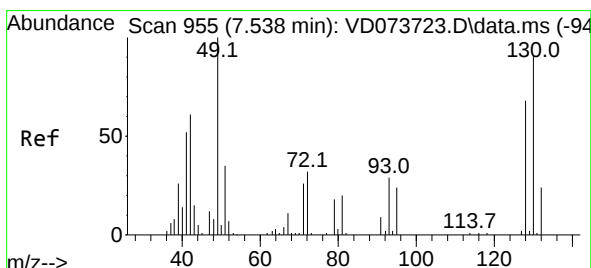
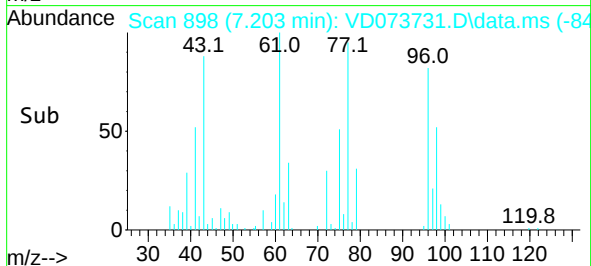
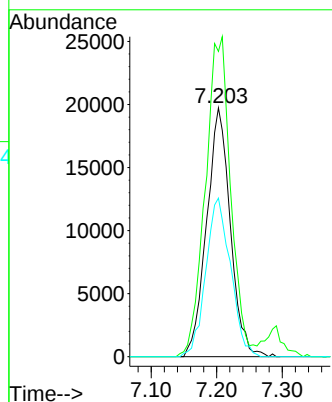
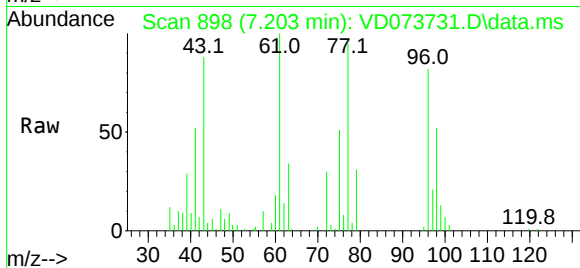
Tgt Ion: 96 Resp: 49528

Ion Ratio Lower Upper

96 100

61 138.0 0.0 276.0

98 66.6 0.0 128.0



#28

Bromochloromethane

Concen: 20.642 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.000 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

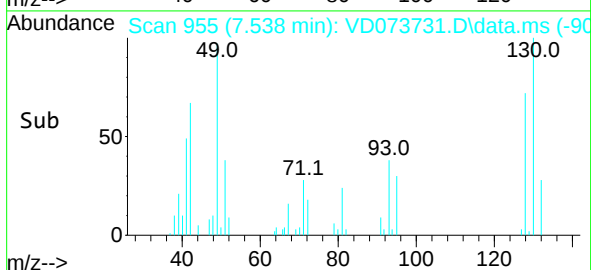
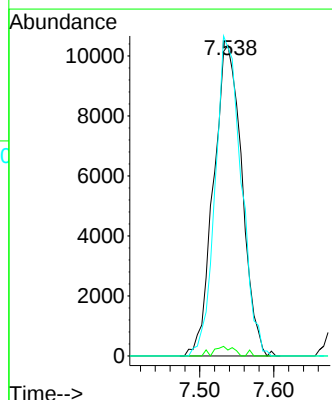
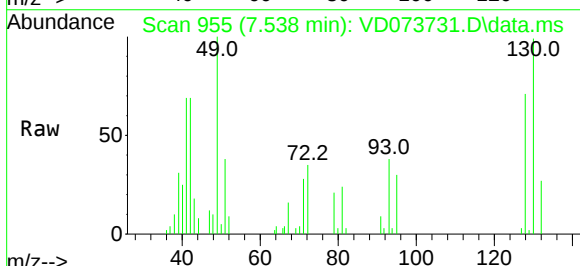
Tgt Ion: 49 Resp: 27594

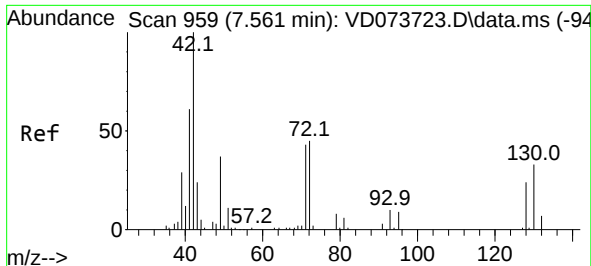
Ion Ratio Lower Upper

49 100

129 2.1 0.0 5.0

130 94.2 73.2 109.8





#29

Tetrahydrofuran

Concen: 116.873 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBSD01

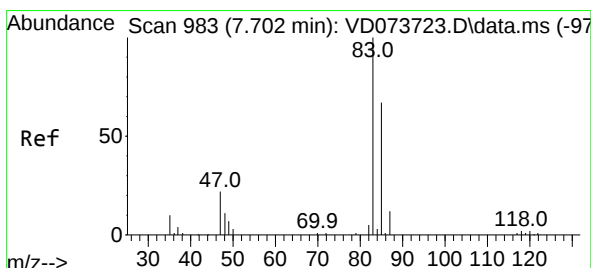
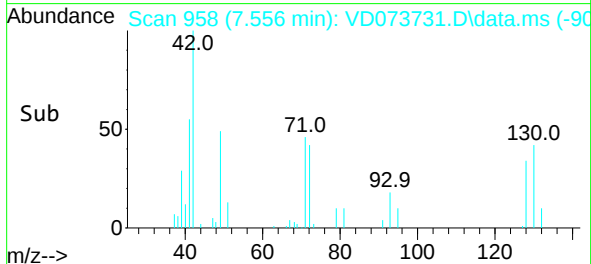
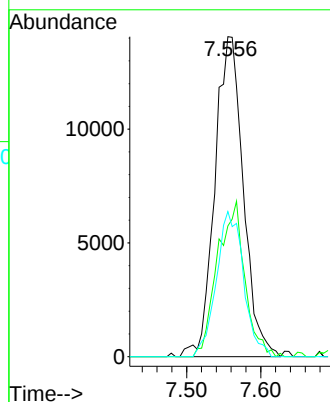
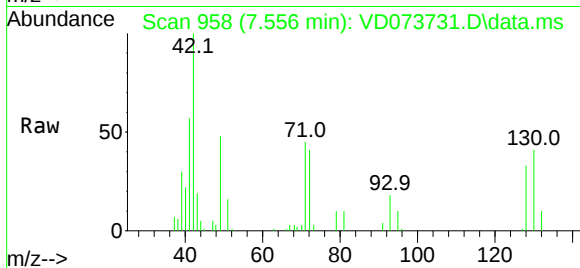
Tgt Ion: 42 Resp: 37508

Ion Ratio Lower Upper

42 100

72 46.8 37.8 56.6

71 43.4 35.5 53.3



#30

Chloroform

Concen: 21.591 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.001 min

Lab File: VD073731.D

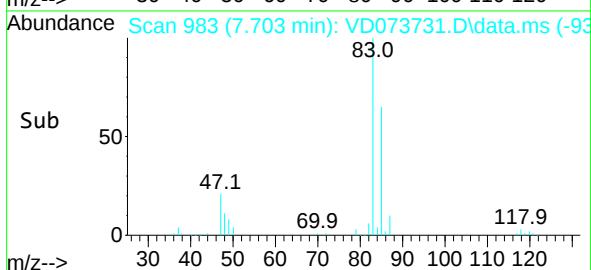
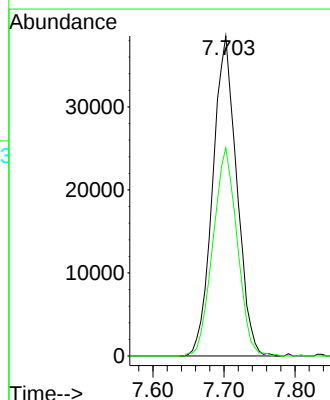
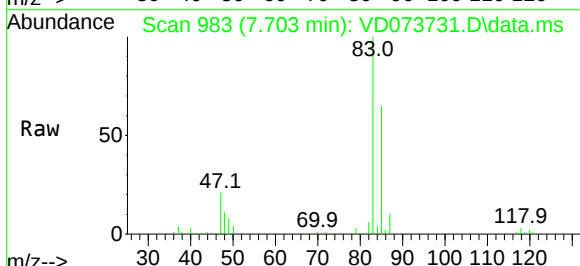
Acq: 27 Jun 2022 19:56

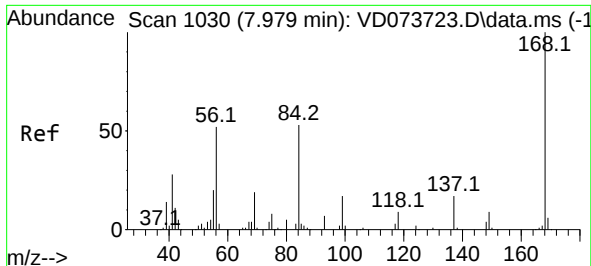
Tgt Ion: 83 Resp: 90451

Ion Ratio Lower Upper

83 100

85 65.1 51.1 76.7





#31

Cyclohexane

Concen: 20.055 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBSD01

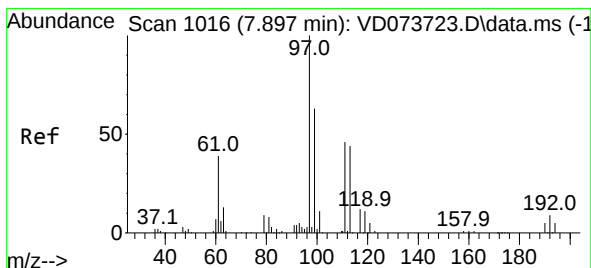
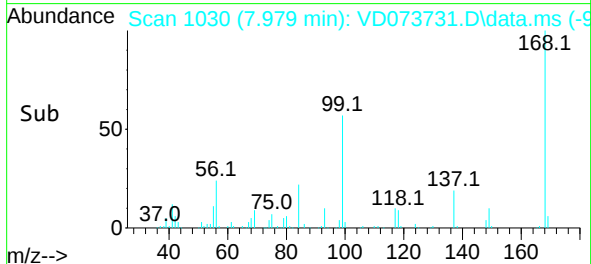
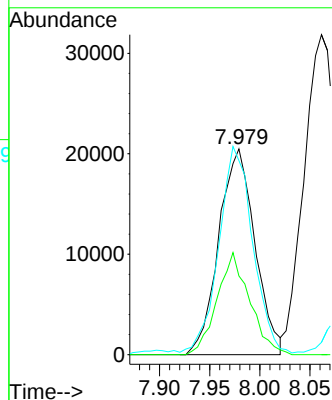
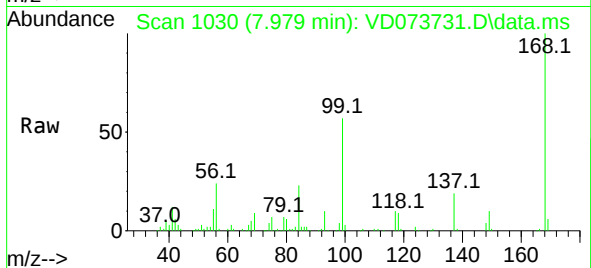
Tgt Ion: 56 Resp: 51524

Ion Ratio Lower Upper

56 100

69 38.2 25.2 37.8#

84 93.2 75.4 113.2



#32

1,1,1-Trichloroethane

Concen: 21.173 ug/l

RT: 7.891 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

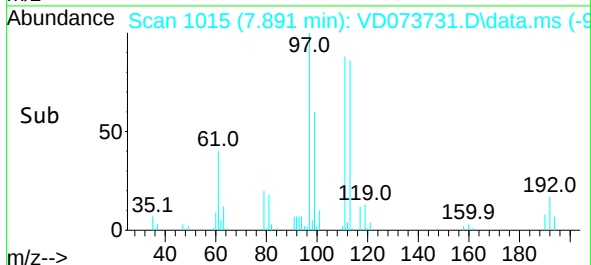
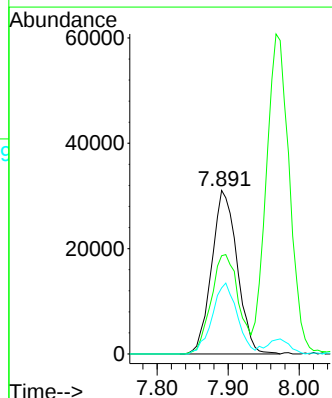
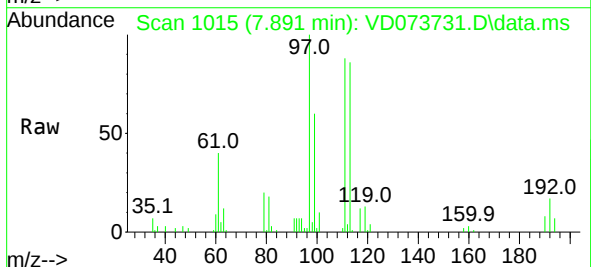
Tgt Ion: 97 Resp: 77268

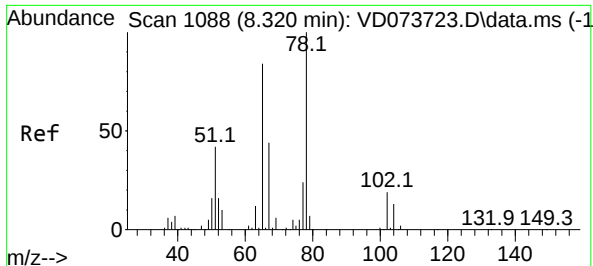
Ion Ratio Lower Upper

97 100

99 65.4 51.2 76.8

61 42.3 33.4 50.0





#33

1,2-Dichloroethane-d4

Concen: 57.895 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

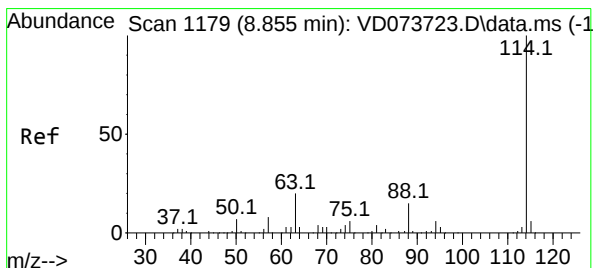
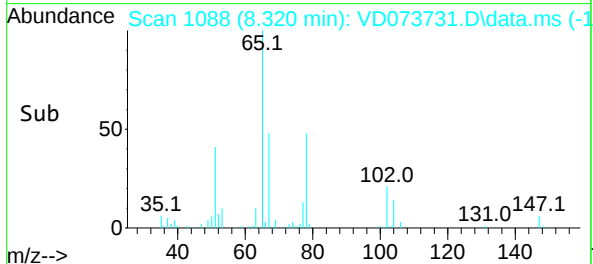
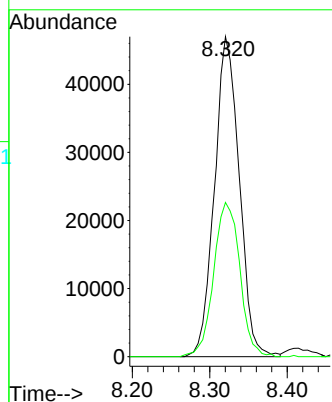
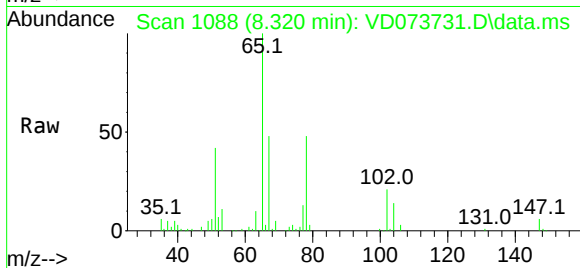
VD0627SBS01

Tgt Ion: 65 Resp: 104449

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

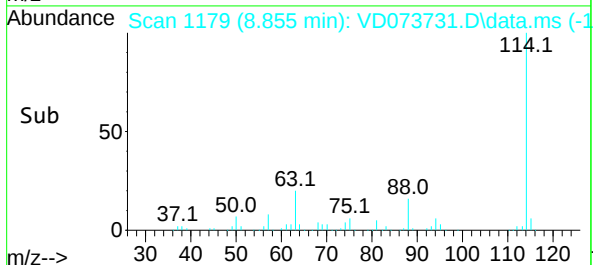
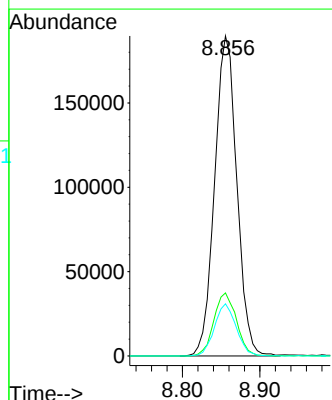
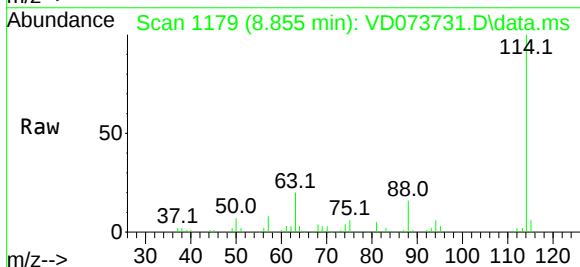
Tgt Ion: 114 Resp: 377078

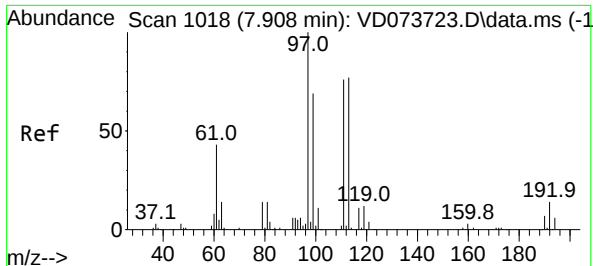
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

88 16.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.853 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBSD01

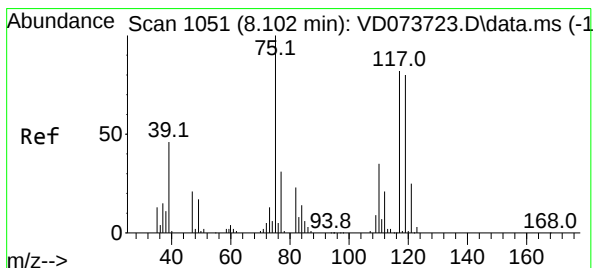
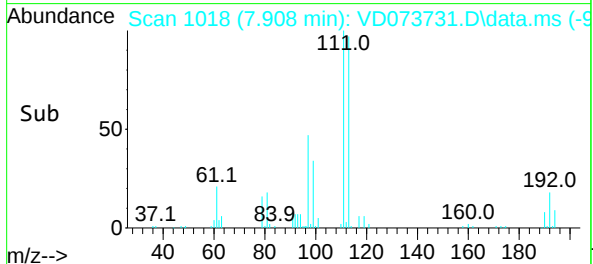
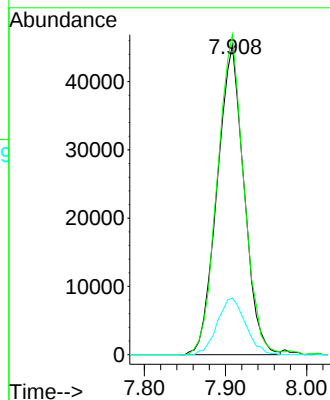
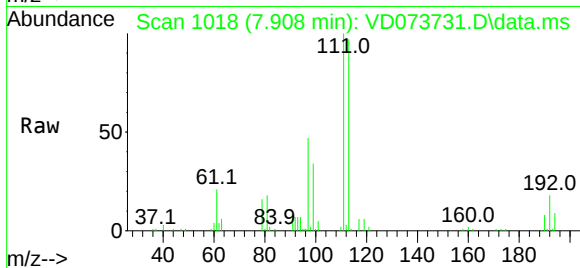
Tgt Ion:113 Resp: 104127

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

192 19.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 19.613 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.001 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

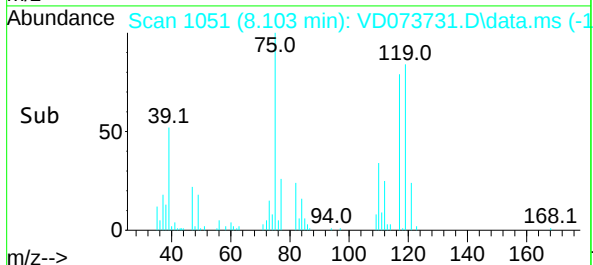
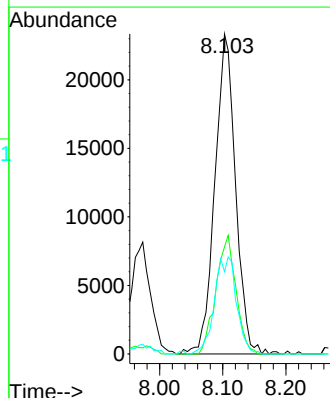
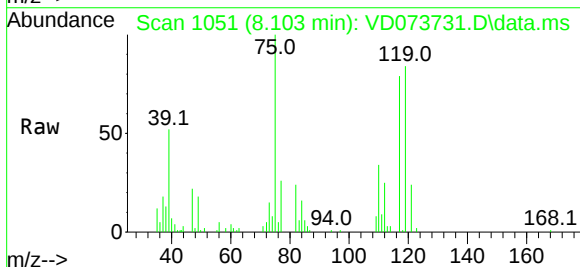
Tgt Ion: 75 Resp: 53161

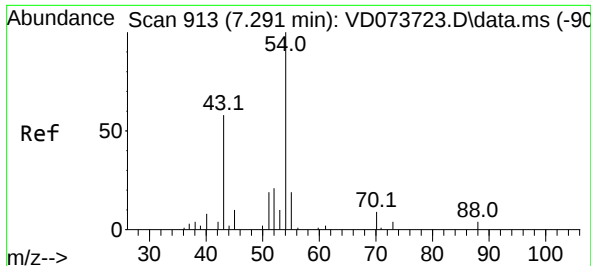
Ion Ratio Lower Upper

75 100

110 35.8 18.0 54.0

77 32.4 25.6 38.4





#37

Ethyl Acetate

Concen: 22.718 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBSD01

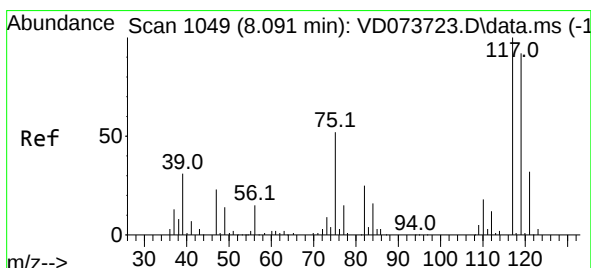
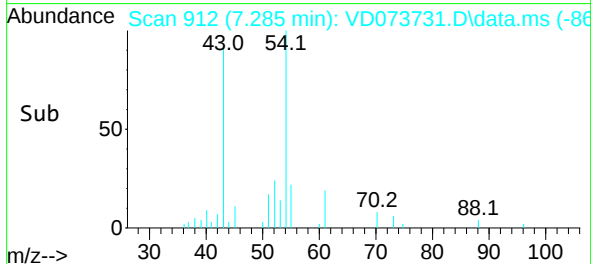
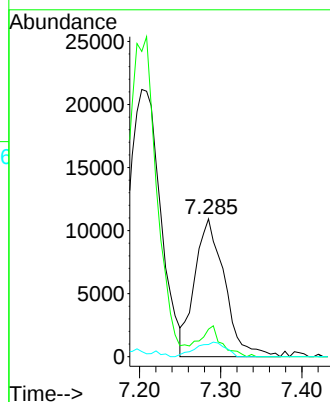
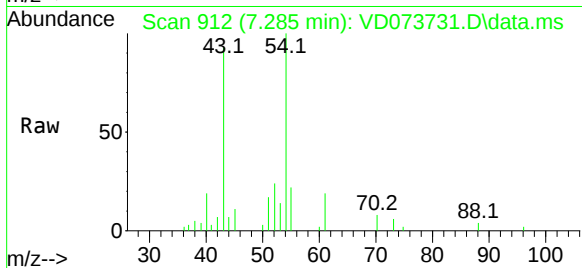
Tgt Ion: 43 Resp: 28059

Ion Ratio Lower Upper

43 100

61 16.0 10.6 16.0

70 10.3 9.9 14.9



#38

Carbon Tetrachloride

Concen: 20.390 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.006 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

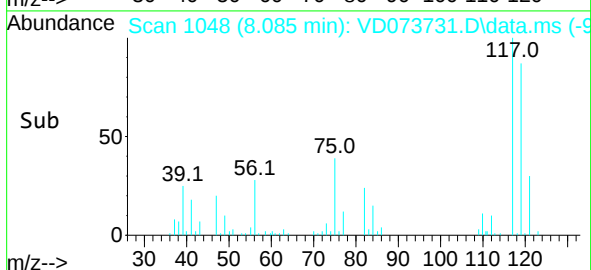
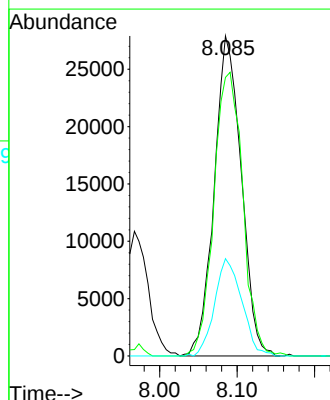
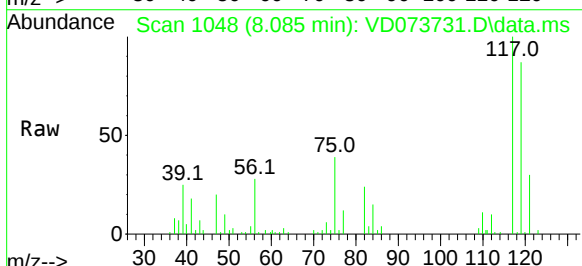
Tgt Ion: 117 Resp: 67726

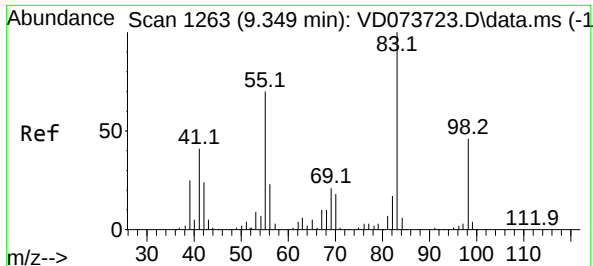
Ion Ratio Lower Upper

117 100

119 87.1 79.2 118.8

121 30.4 23.8 35.8





#39

Methylcyclohexane

Concen: 18.921 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBSD01

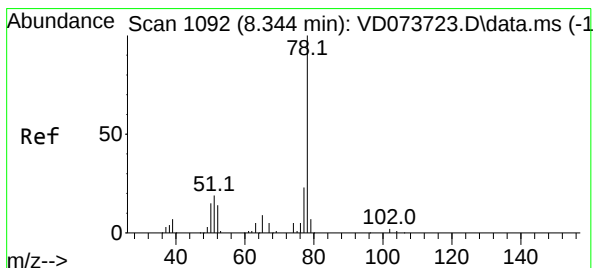
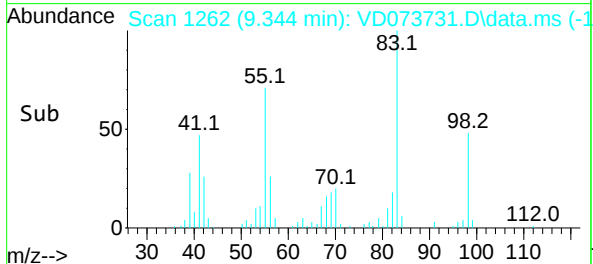
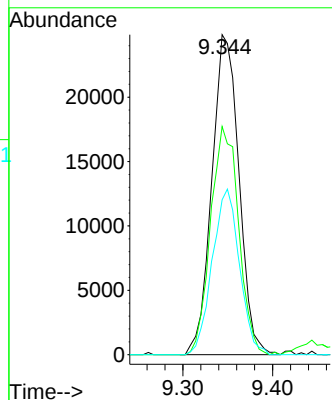
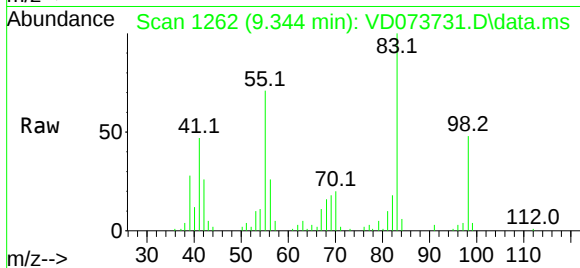
Tgt Ion: 83 Resp: 52138

Ion Ratio Lower Upper

83 100

55 71.3 59.0 88.4

98 48.4 38.3 57.5



#40

Benzene

Concen: 20.457 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073731.D

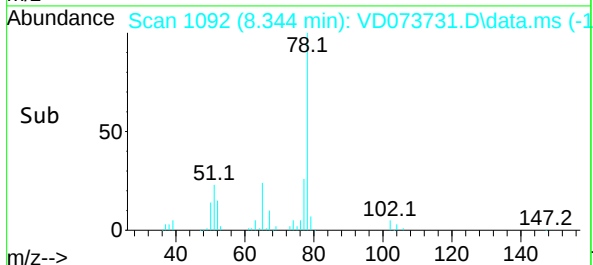
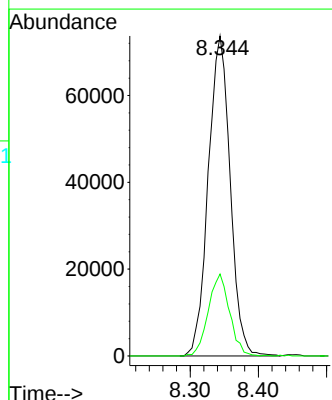
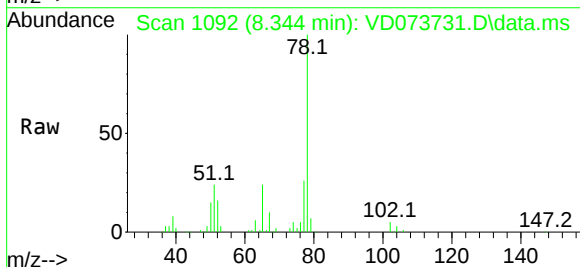
Acq: 27 Jun 2022 19:56

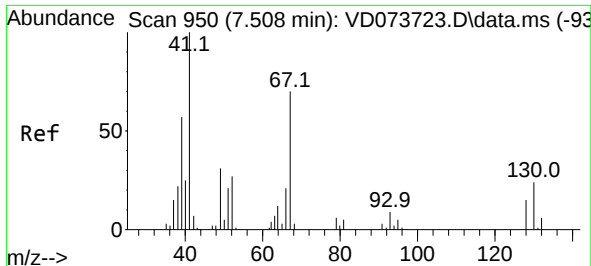
Tgt Ion: 78 Resp: 165022

Ion Ratio Lower Upper

78 100

77 25.6 19.0 28.4



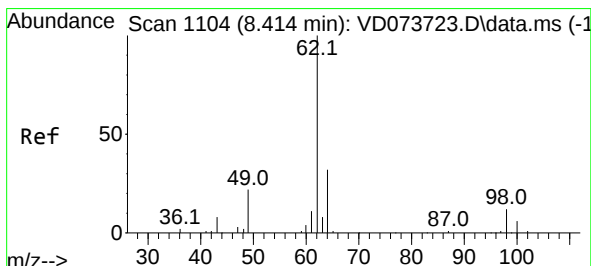
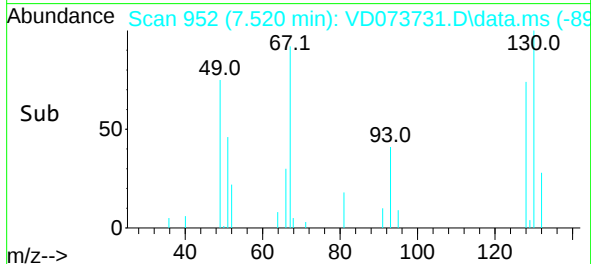
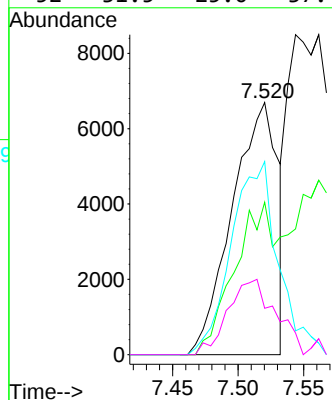
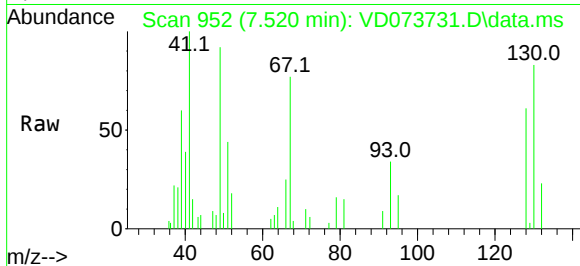


#41
Methacrylonitrile
Concen: 21.882 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

Tgt Ion: 41 Resp: 16191

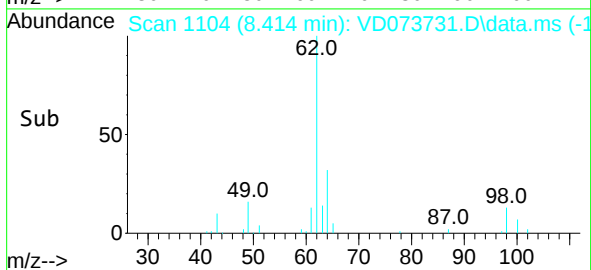
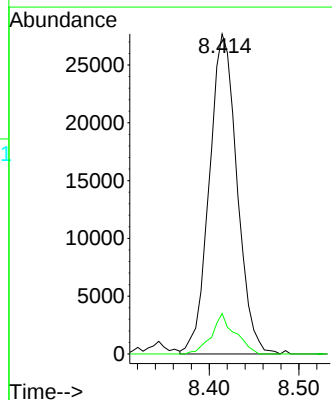
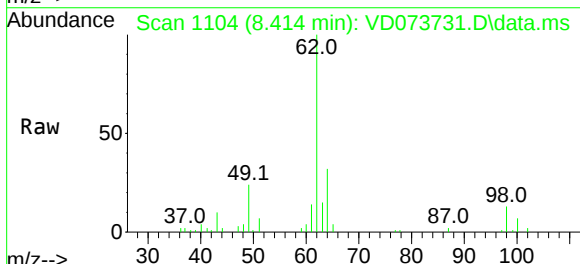
Ion	Ratio	Lower	Upper
41	100		
39	56.5	42.1	63.1
67	78.7	58.6	87.8
52	31.5	25.0	37.4

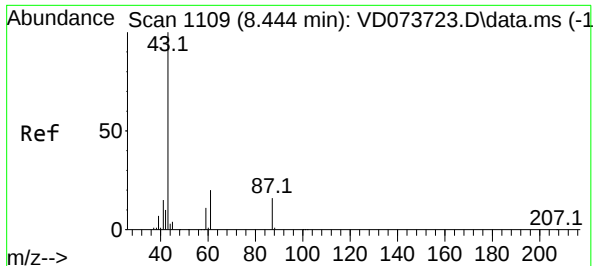


#42
1,2-Dichloroethane
Concen: 23.262 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 62 Resp: 59508

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.6

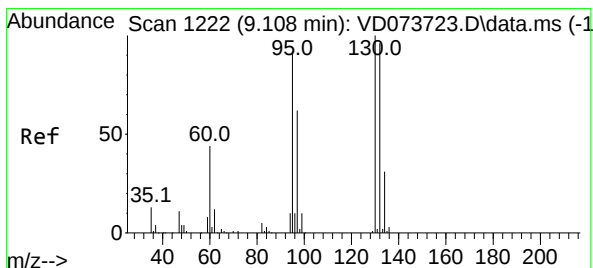
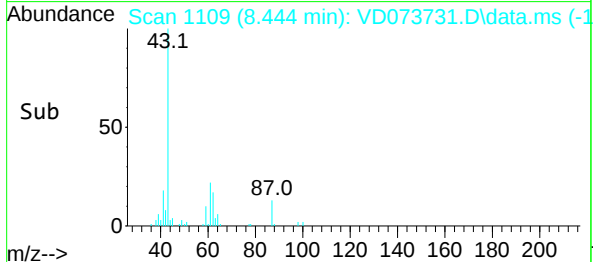
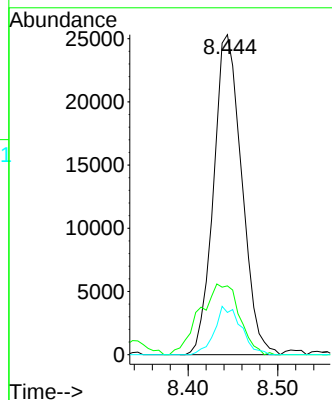
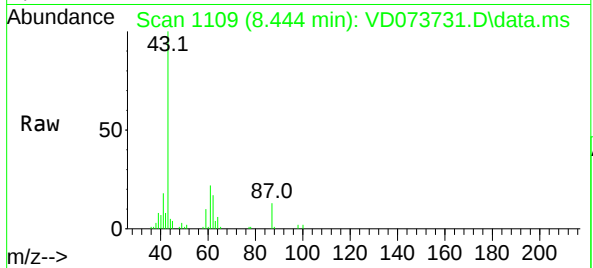




#43
Isopropyl Acetate
Concen: 22.849 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

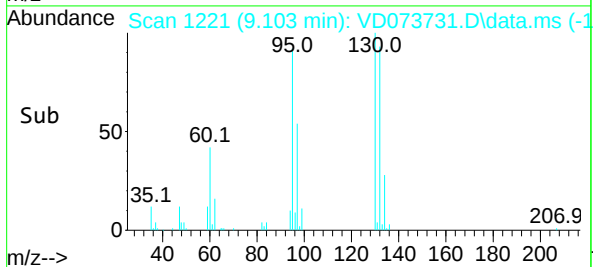
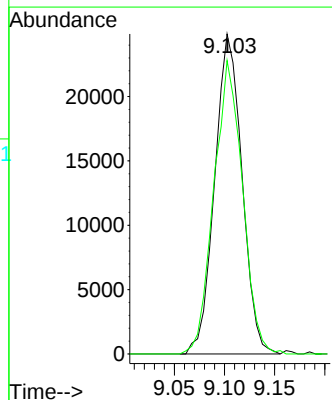
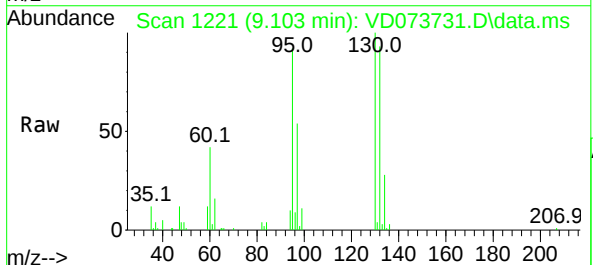
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

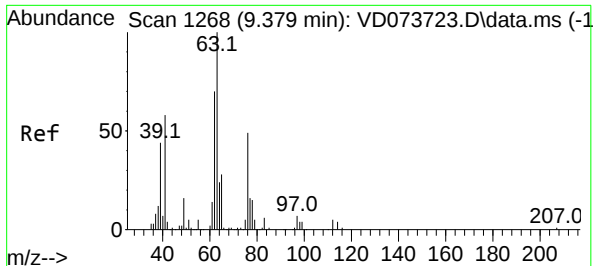
Tgt Ion: 43 Resp: 55113
Ion Ratio Lower Upper
43 100
61 31.3 25.4 38.0
87 14.2 11.9 17.9



#44
Trichloroethene
Concen: 20.147 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.005 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 130 Resp: 47024
Ion Ratio Lower Upper
130 100
95 91.7 0.0 202.8





#45

1,2-Dichloropropane

Concen: 21.290 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

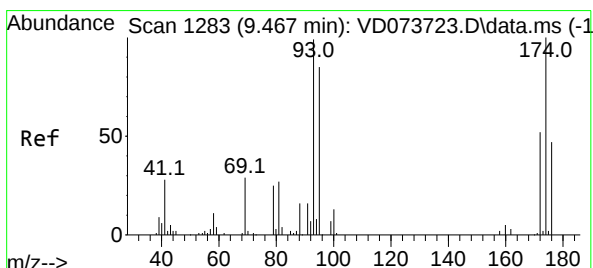
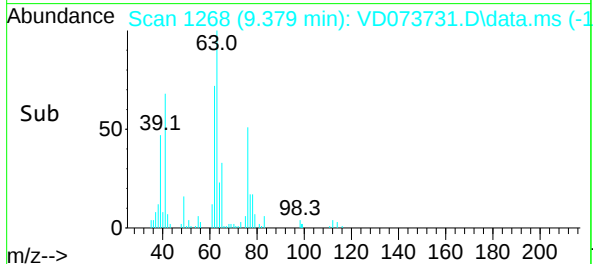
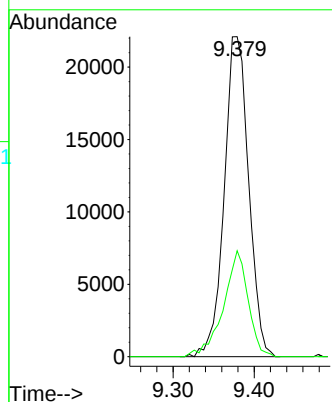
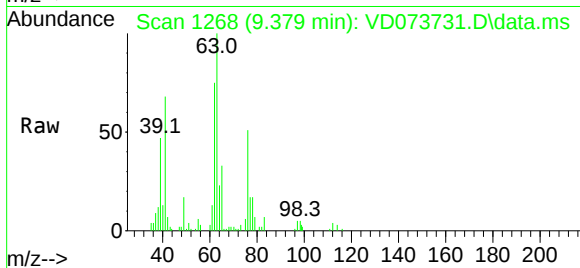
VD0627SBS01

Tgt Ion: 63 Resp: 46243

Ion Ratio Lower Upper

63 100

65 33.1 25.5 38.3



#46

Dibromomethane

Concen: 22.041 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

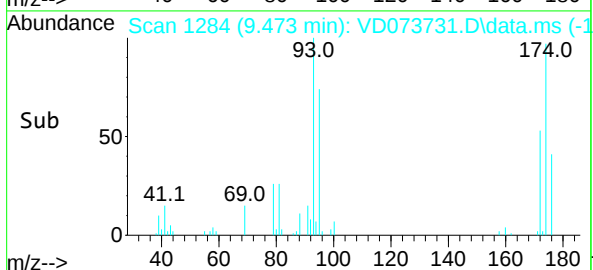
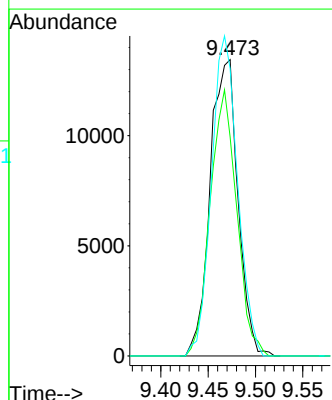
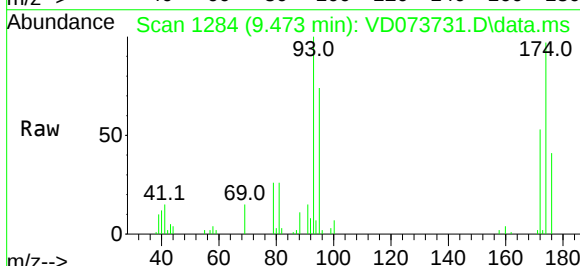
Tgt Ion: 93 Resp: 27458

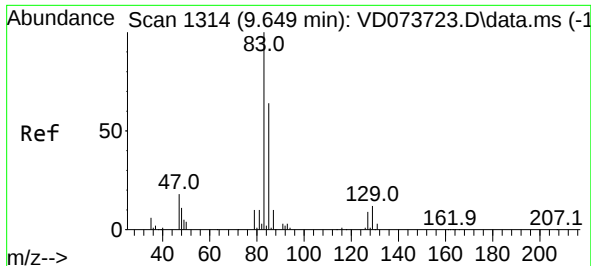
Ion Ratio Lower Upper

93 100

95 85.6 67.8 101.8

174 101.8 82.3 123.5

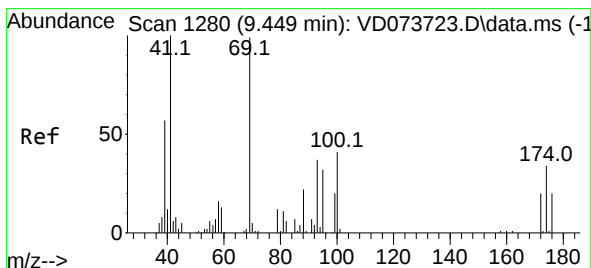
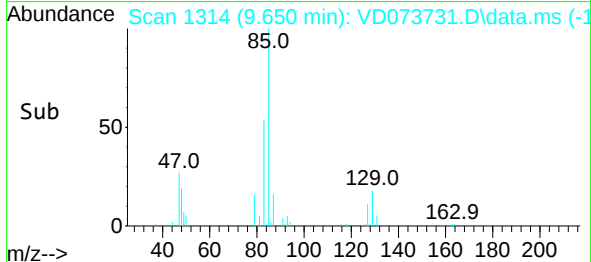
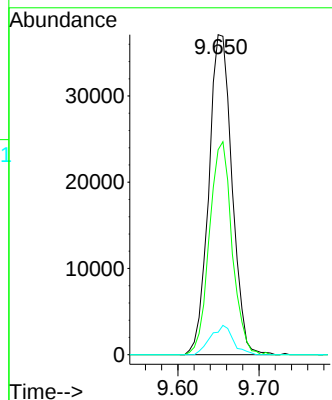
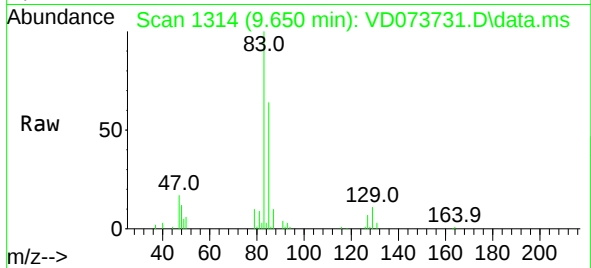




#47
Bromodichloromethane
Concen: 22.089 ug/l
RT: 9.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

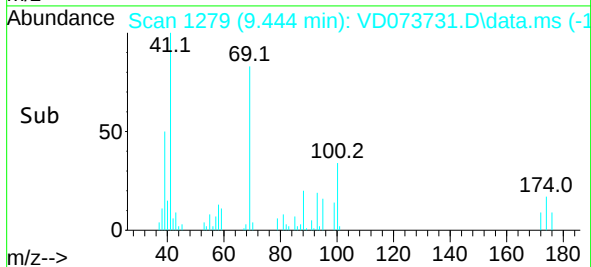
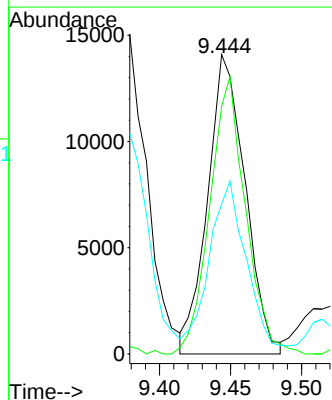
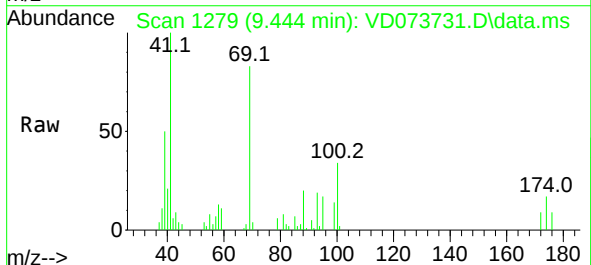
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

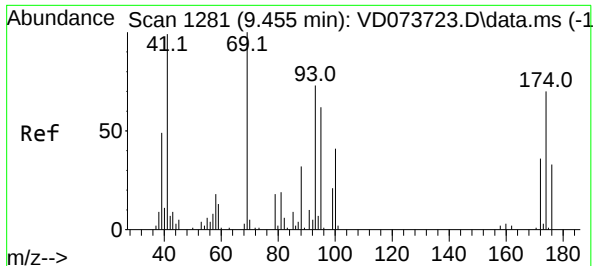
Tgt Ion: 83 Resp: 73806
Ion Ratio Lower Upper
83 100
85 64.1 54.5 81.7
127 7.0 7.7 11.5#



#48
Methyl methacrylate
Concen: 23.605 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.005 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 41 Resp: 25880
Ion Ratio Lower Upper
41 100
69 88.2 69.6 104.4
39 58.3 45.5 68.3





#49

1,4-Dioxane

Concen: 495.632 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.005 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBS01

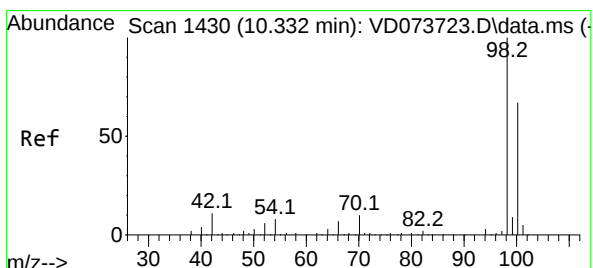
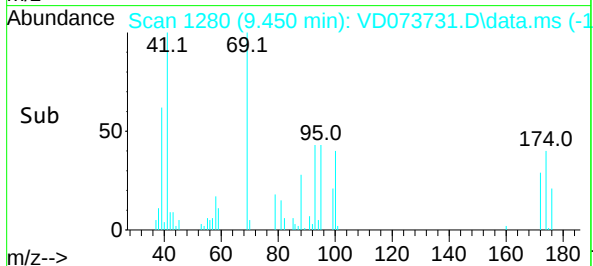
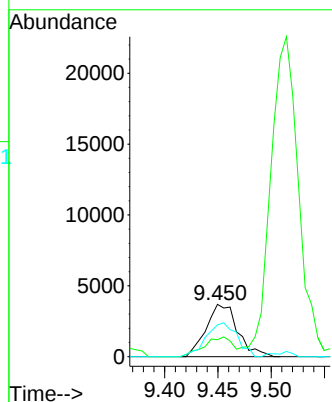
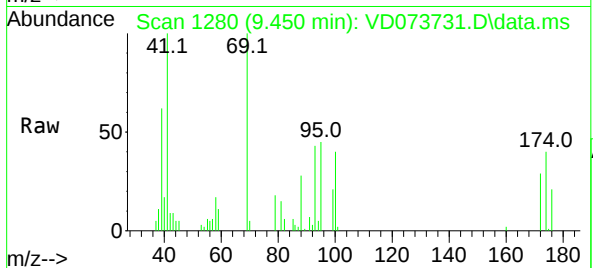
Tgt Ion: 88 Resp: 7602

Ion Ratio Lower Upper

88 100

43 33.7 24.5 36.7

58 63.5 54.4 81.6



#50

Toluene-d8

Concen: 44.552 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073731.D

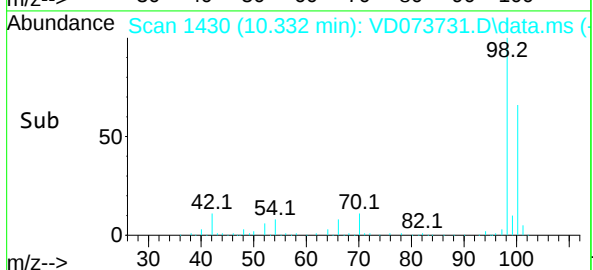
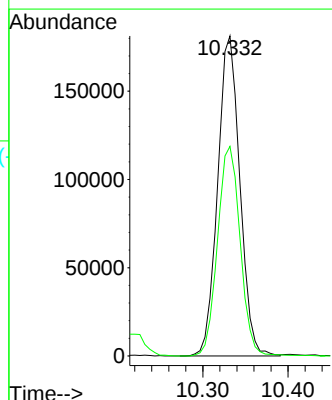
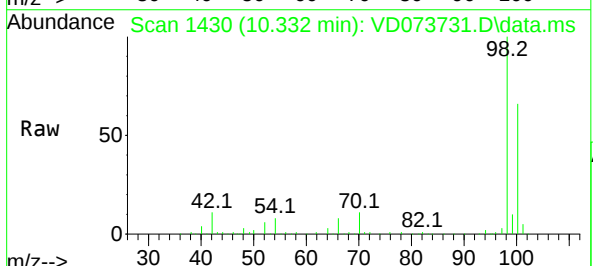
Acq: 27 Jun 2022 19:56

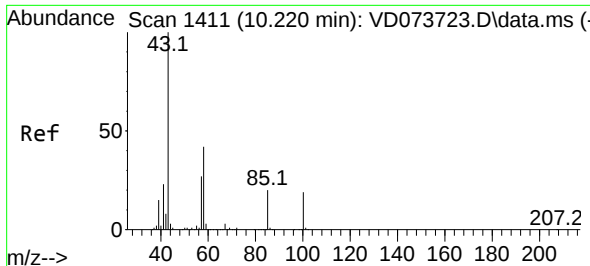
Tgt Ion: 98 Resp: 328741

Ion Ratio Lower Upper

98 100

100 66.8 54.0 81.0

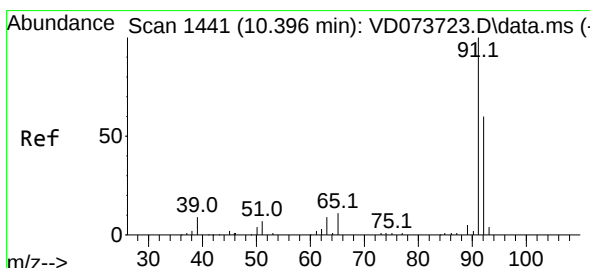
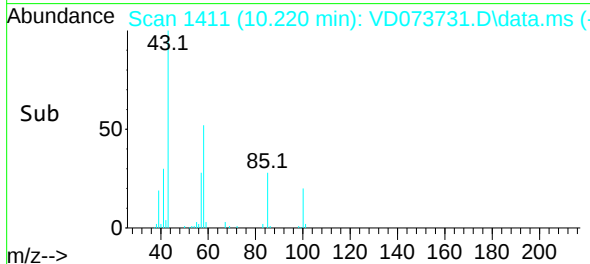
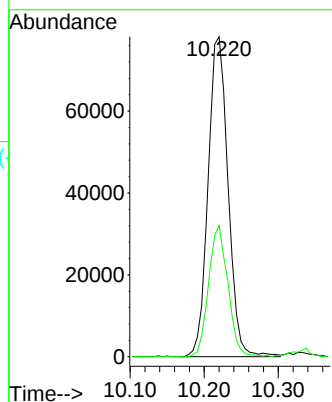
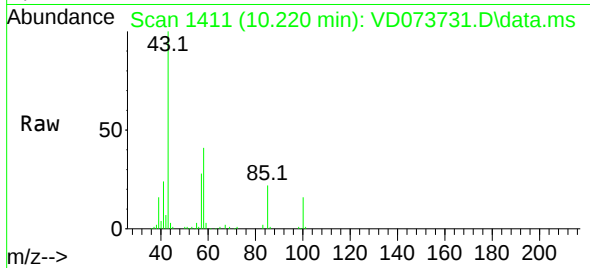




#51
4-Methyl-2-Pentanone
Concen: 114.735 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

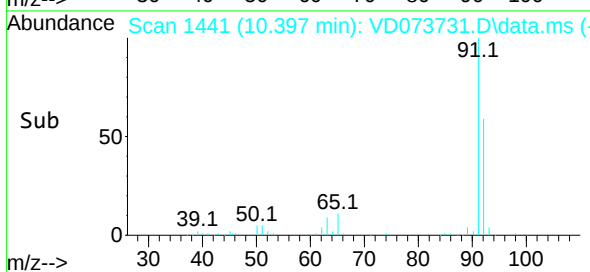
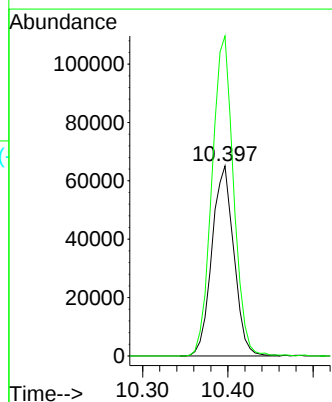
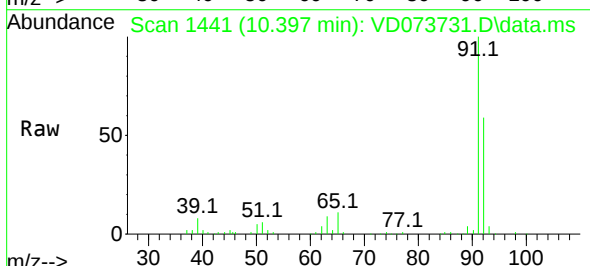
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

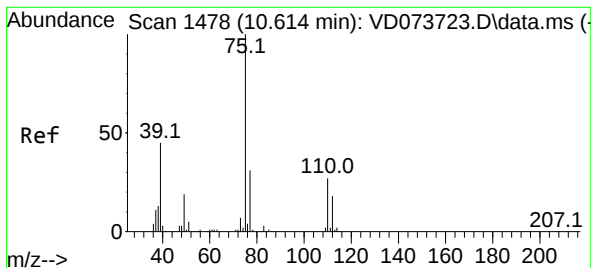
Tgt Ion: 43 Resp: 146473
Ion Ratio Lower Upper
43 100
58 39.5 32.3 48.5



#52
Toluene
Concen: 21.502 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 92 Resp: 116573
Ion Ratio Lower Upper
92 100
91 166.1 136.1 204.1

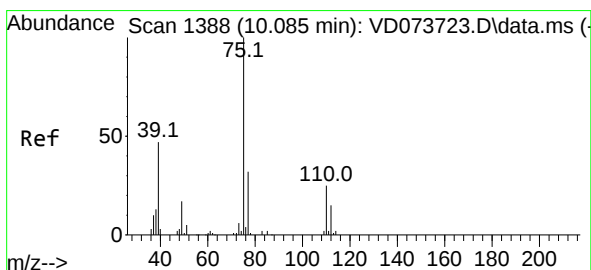
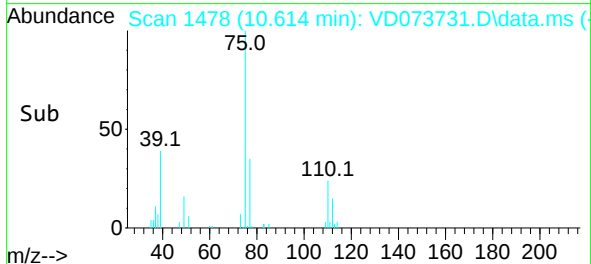
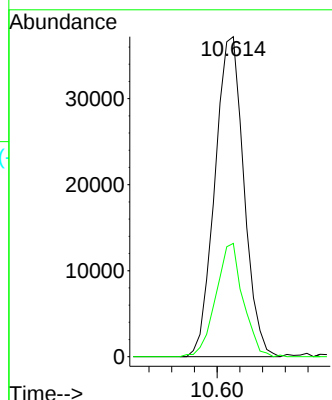
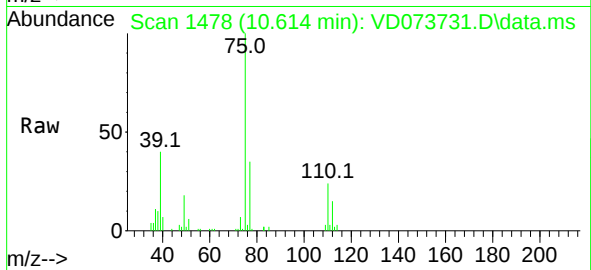




#53
 t-1,3-Dichloropropene
 Concen: 21.738 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD073731.D
 Acq: 27 Jun 2022 19:56

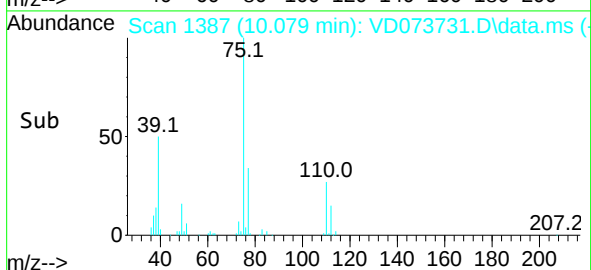
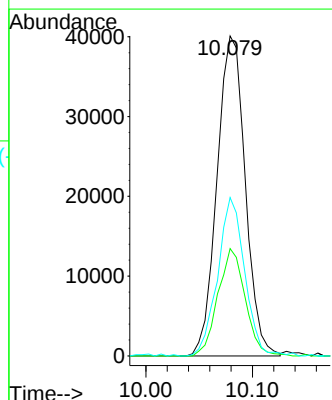
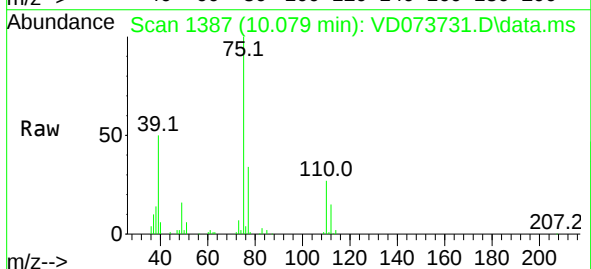
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBSD01

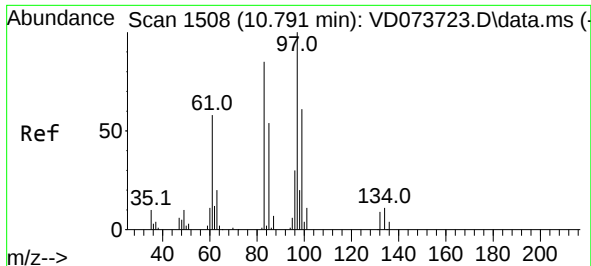
Tgt Ion: 75 Resp: 65987
 Ion Ratio Lower Upper
 75 100
 77 35.4 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.366 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.006 min
 Lab File: VD073731.D
 Acq: 27 Jun 2022 19:56

Tgt Ion: 75 Resp: 73815
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.2 39.2
 39 49.5 38.0 57.0

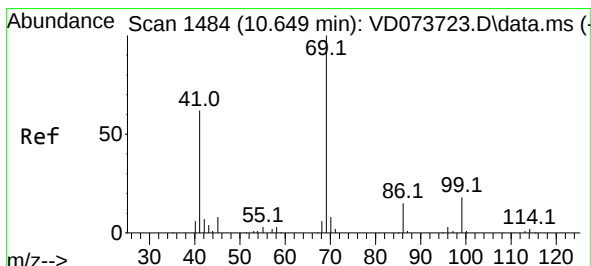
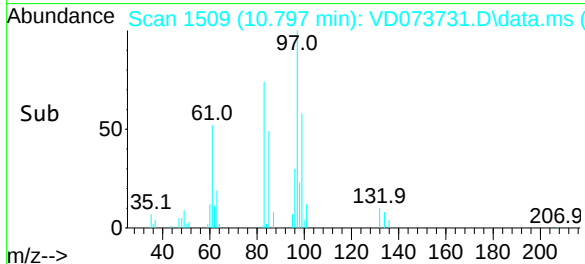
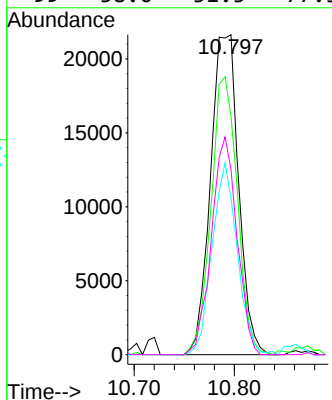
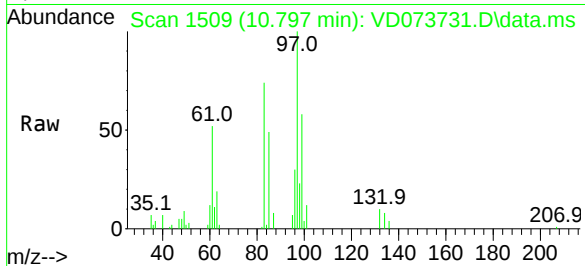




#55
1,1,2-Trichloroethane
Concen: 22.998 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

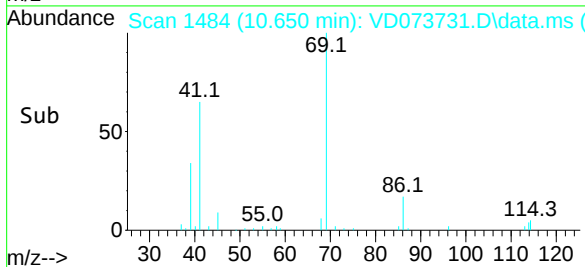
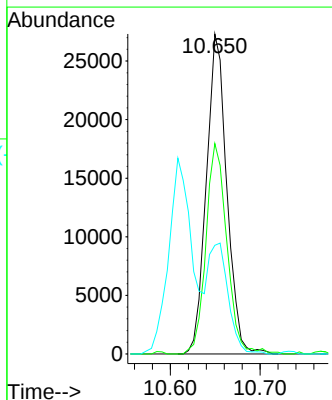
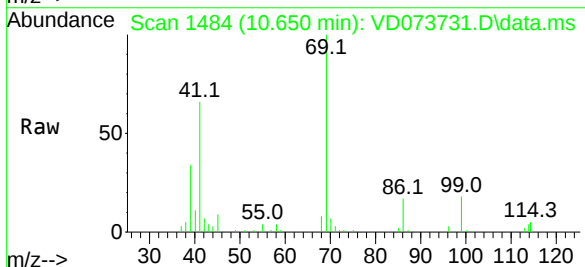
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

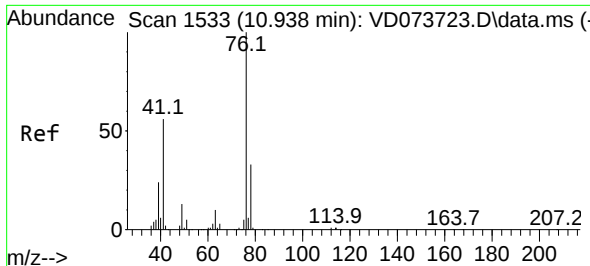
Tgt Ion:	97	Resp:	42154
Ion	Ratio	Lower	Upper
97	100		
83	74.5	67.1	100.7
85	48.9	44.0	66.0
99	58.0	51.5	77.3



#56
Ethyl methacrylate
Concen: 20.694 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.001 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion:	69	Resp:	43251
Ion	Ratio	Lower	Upper
69	100		
41	67.5	51.6	77.4
39	33.3	29.2	43.8





#57

1,3-Dichloropropane

Concen: 22.071 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

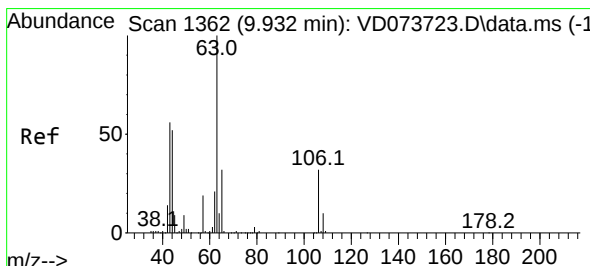
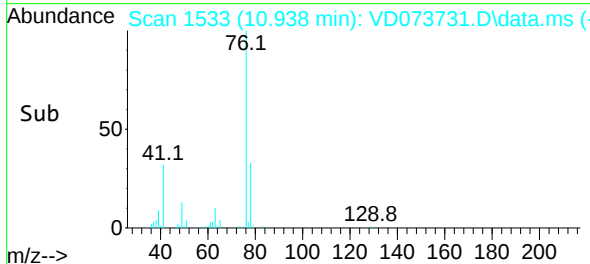
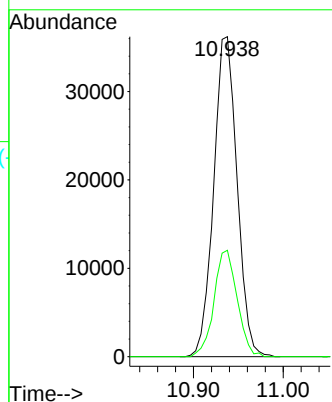
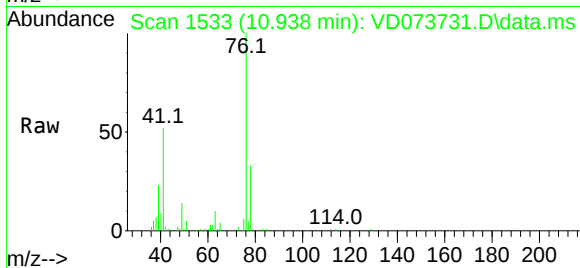
VD0627SBS01

Tgt Ion: 76 Resp: 65574

Ion Ratio Lower Upper

76 100

78 32.9 27.1 40.7



#58

2-Chloroethyl Vinyl ether

Concen: 100.088 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073731.D

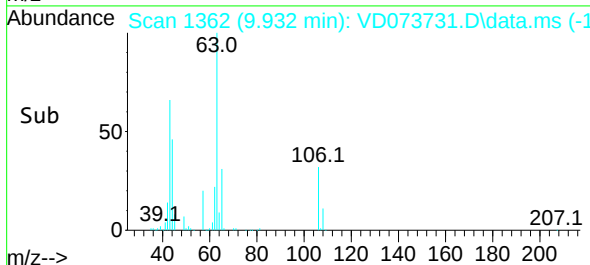
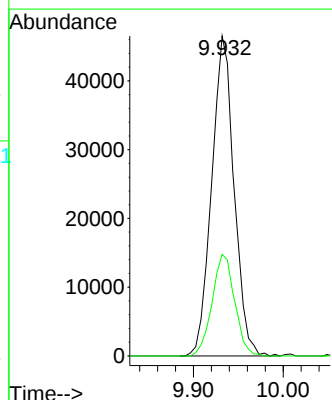
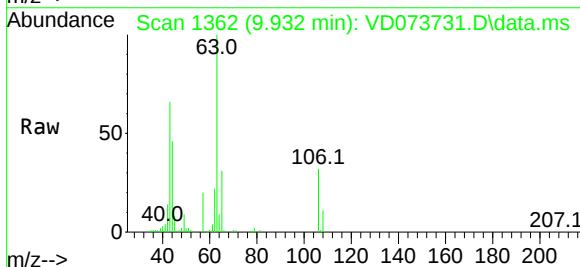
Acq: 27 Jun 2022 19:56

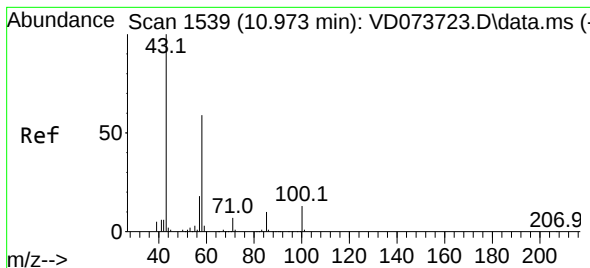
Tgt Ion: 63 Resp: 80518

Ion Ratio Lower Upper

63 100

106 31.9 25.2 37.8

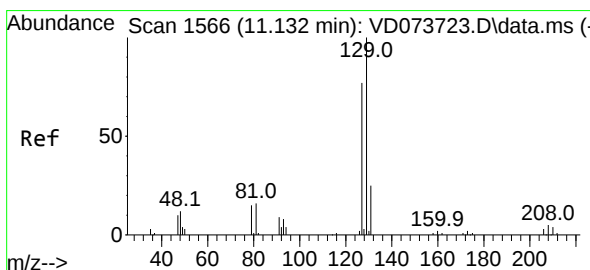
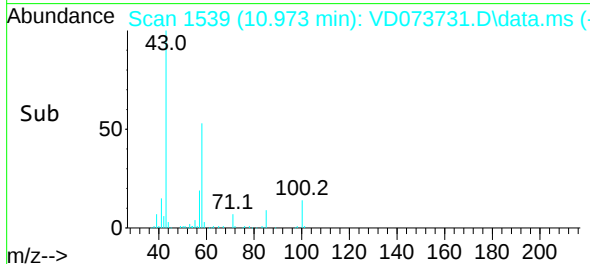
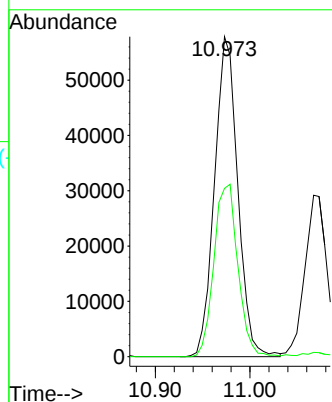
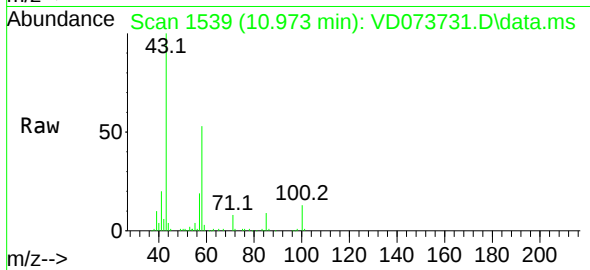




#59
2-Hexanone
Concen: 113.667 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

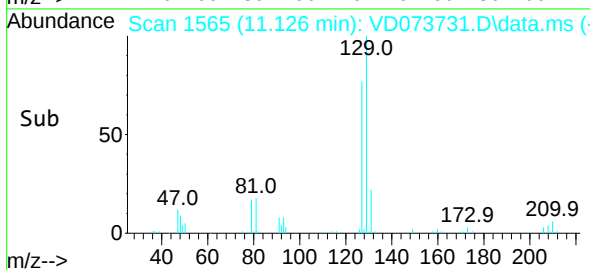
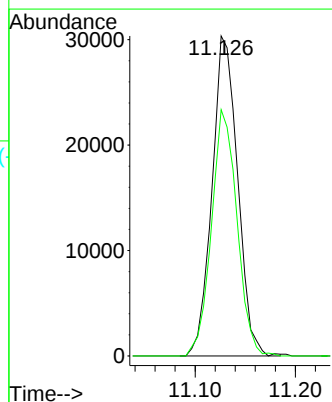
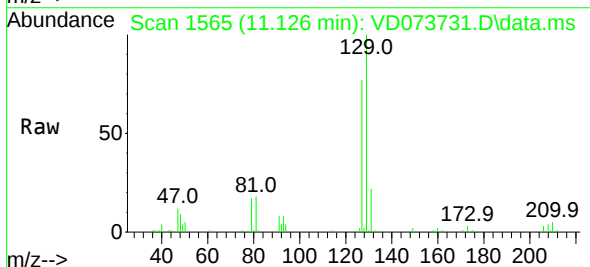
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

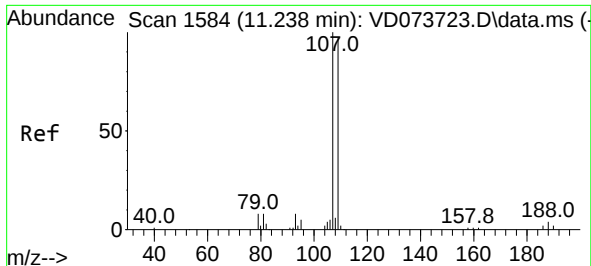
Tgt Ion: 43 Resp: 98506
Ion Ratio Lower Upper
43 100
58 55.5 28.8 86.4



#60
Dibromochloromethane
Concen: 22.252 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 129 Resp: 53775
Ion Ratio Lower Upper
129 100
127 76.7 36.8 110.4

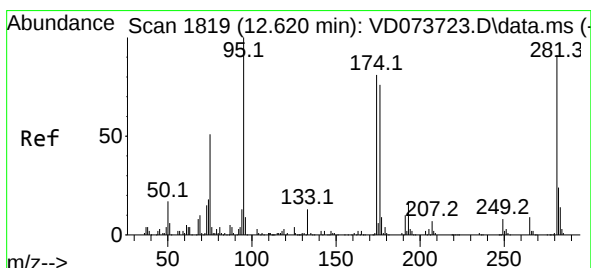
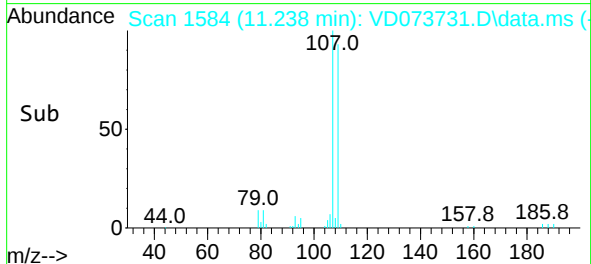
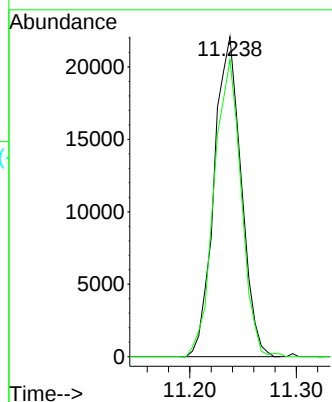
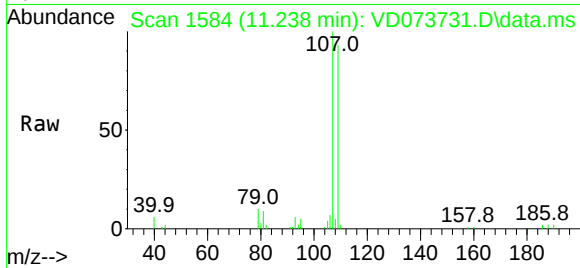




#61
1,2-Dibromoethane
Concen: 22.523 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

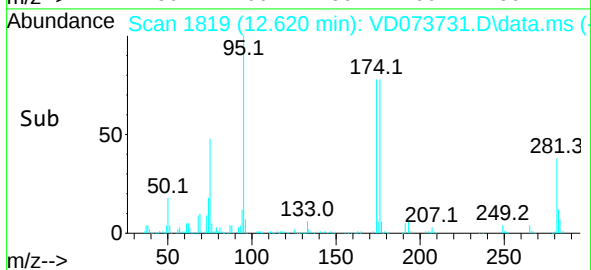
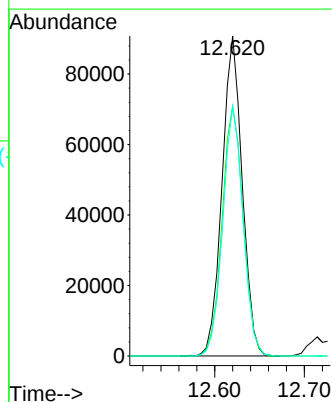
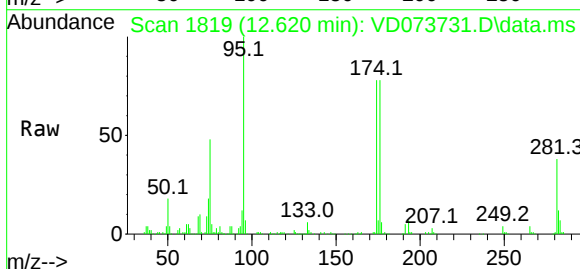
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

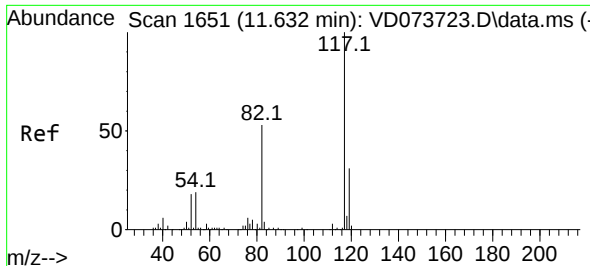
Tgt Ion:107 Resp: 38965
Ion Ratio Lower Upper
107 100
109 92.9 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 46.632 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 95 Resp: 141698
Ion Ratio Lower Upper
95 100
174 81.2 0.0 158.4
176 78.1 0.0 154.8

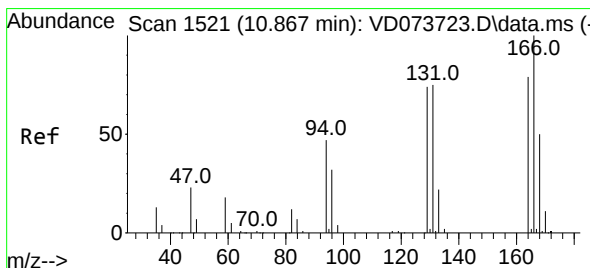
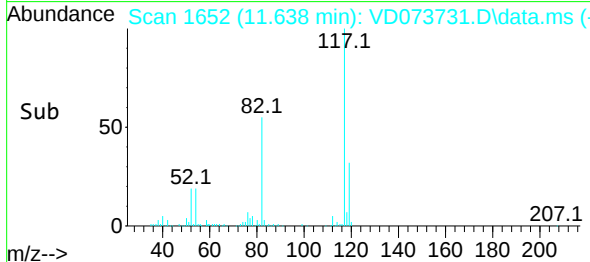
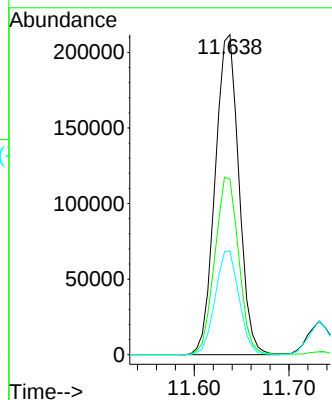
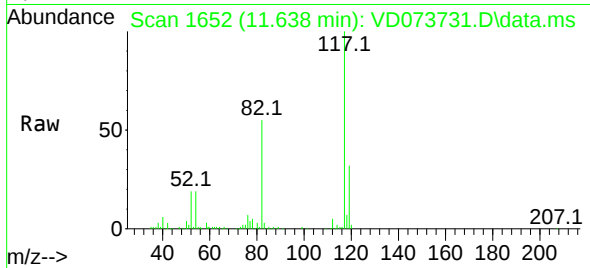




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

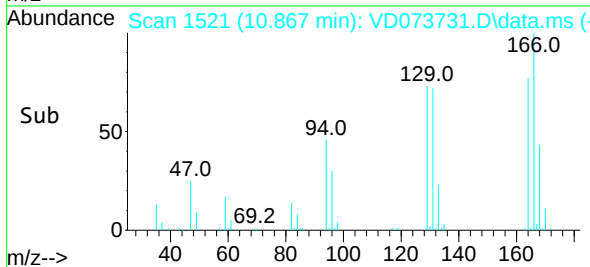
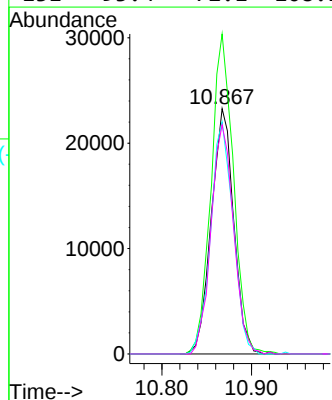
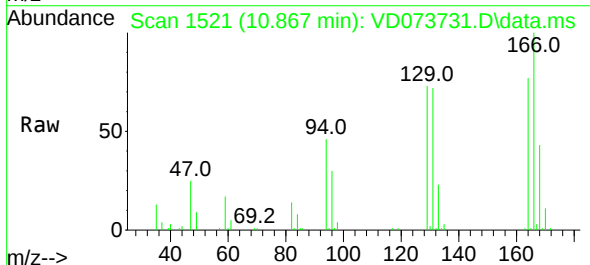
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

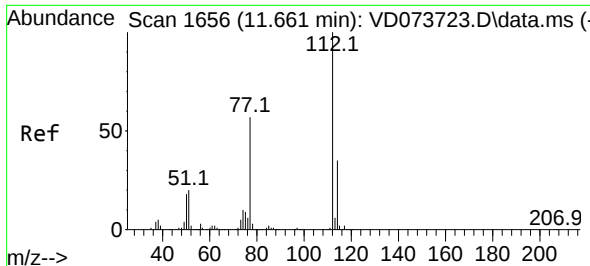
Tgt Ion:117 Resp: 369166
Ion Ratio Lower Upper
117 100
82 54.9 41.5 62.3
119 32.4 27.1 40.7



#64
Tetrachloroethene
Concen: 20.123 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion:164 Resp: 40429
Ion Ratio Lower Upper
164 100
166 130.5 97.0 145.4
129 94.7 75.2 112.8
131 93.4 72.1 108.1

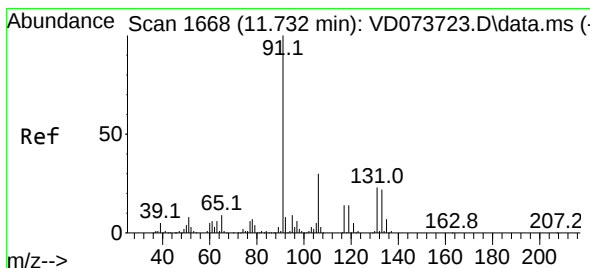
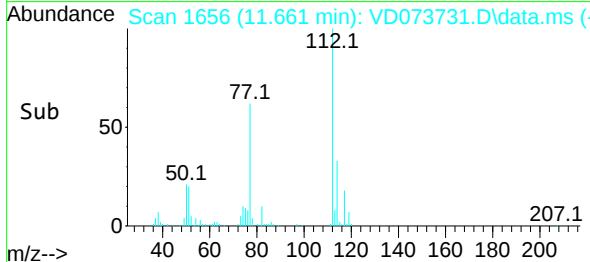
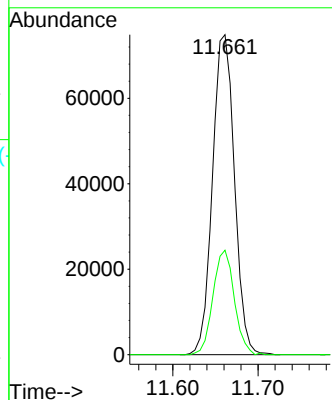
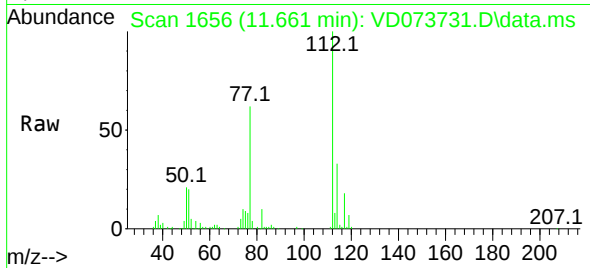




#65
Chlorobenzene
Concen: 20.501 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

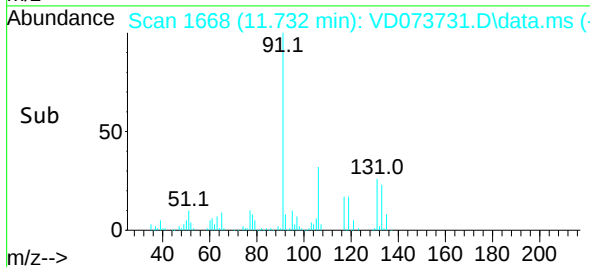
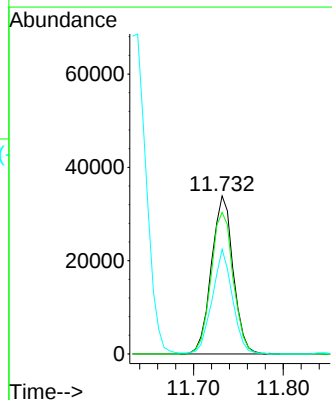
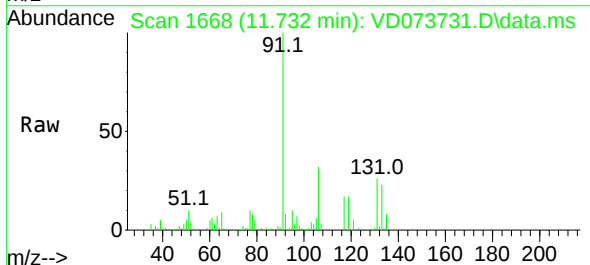
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

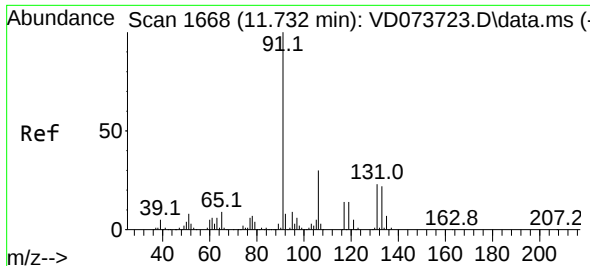
Tgt Ion:112 Resp: 134024
Ion Ratio Lower Upper
112 100
114 32.7 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.373 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion:131 Resp: 56940
Ion Ratio Lower Upper
131 100
133 91.7 47.1 141.4
119 61.9 31.4 94.3

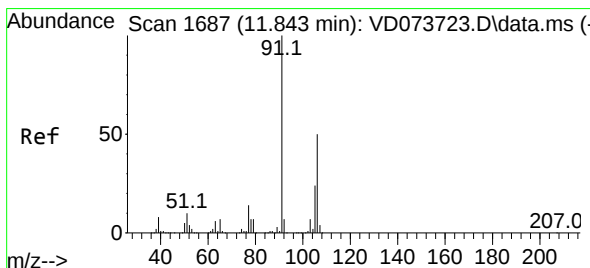
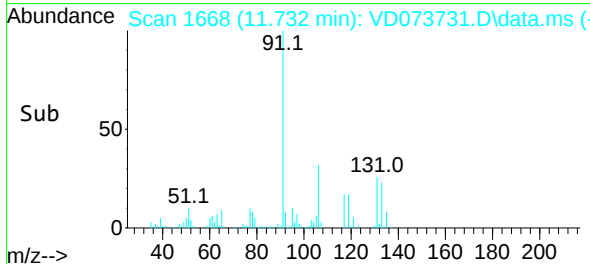
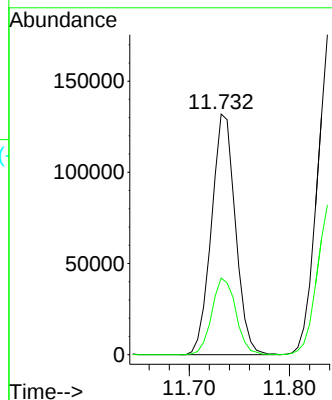
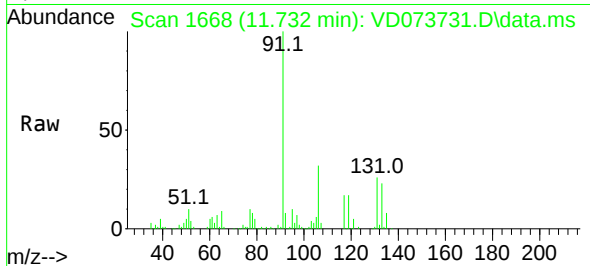




#67
Ethyl Benzene
Concen: 19.670 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

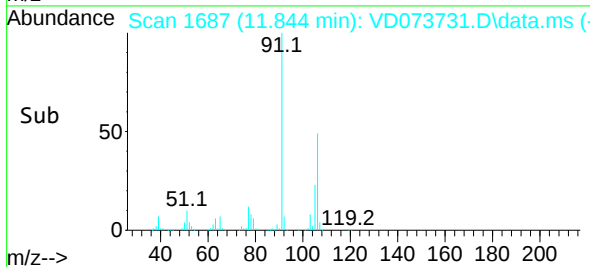
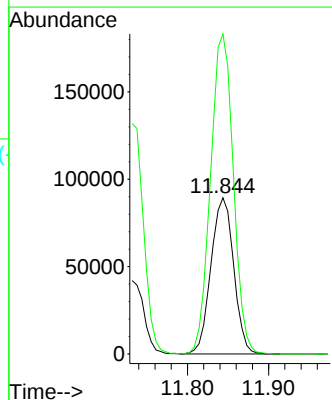
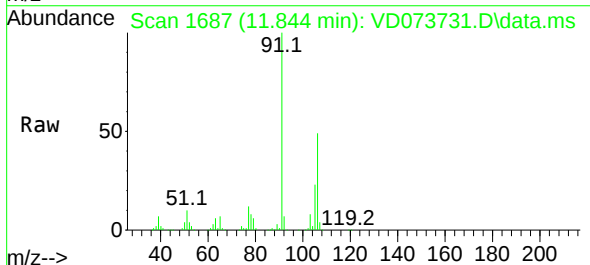
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

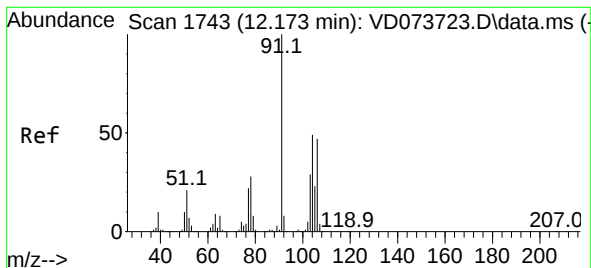
Tgt Ion: 91 Resp: 219132
Ion Ratio Lower Upper
91 100
106 31.9 23.5 35.3



#68
m/p-Xylenes
Concen: 40.523 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.001 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 106 Resp: 173964
Ion Ratio Lower Upper
106 100
91 205.5 161.4 242.2

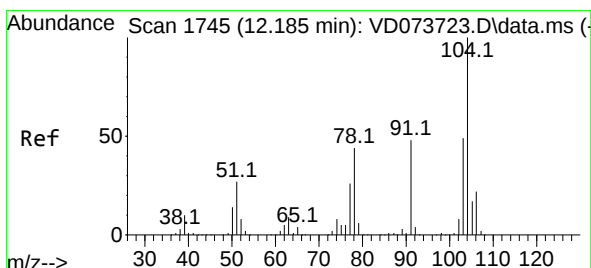
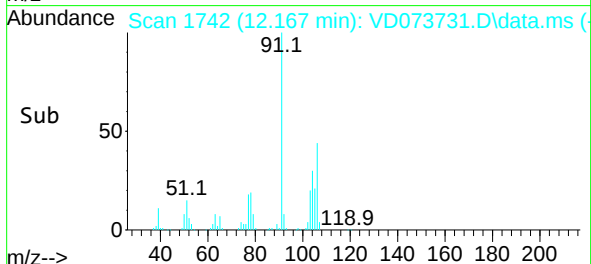
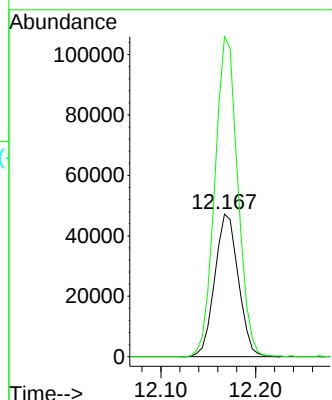
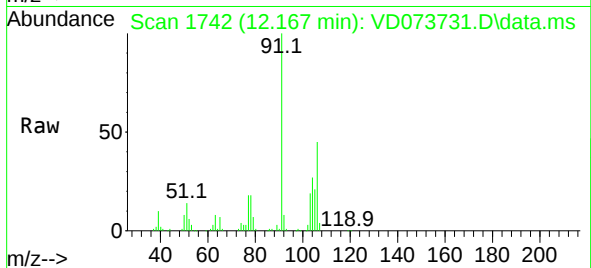




#69
o-Xylene
Concen: 20.150 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

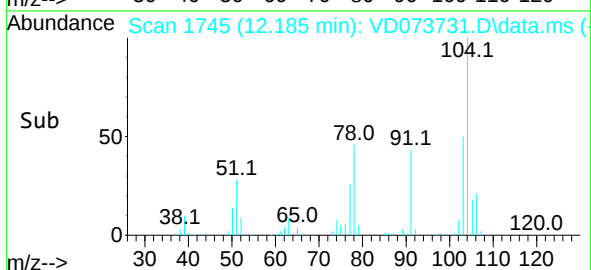
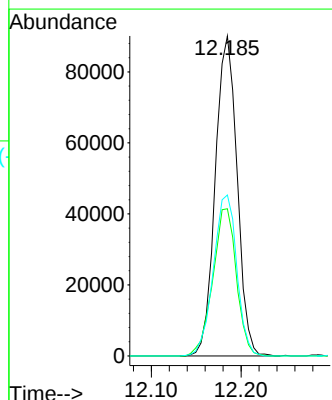
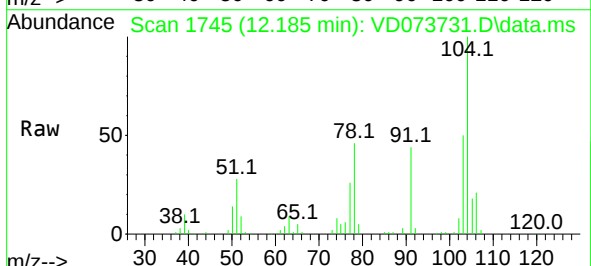
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

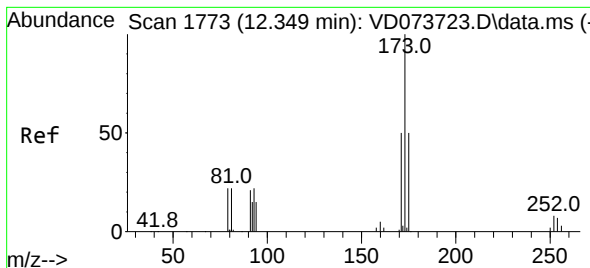
Tgt Ion:106 Resp: 81703
Ion Ratio Lower Upper
106 100
91 218.5 107.6 322.8



#70
Styrene
Concen: 21.628 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion:104 Resp: 152201
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.8
103 54.0 43.3 64.9





#71

Bromoform

Concen: 21.834 ug/l

RT: 12.344 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBSD01

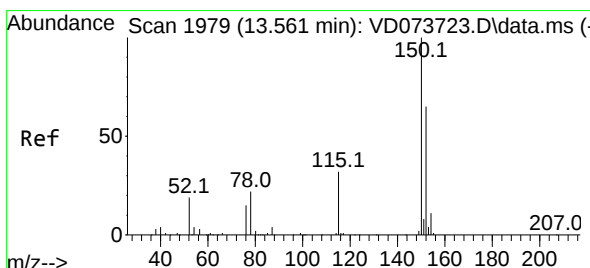
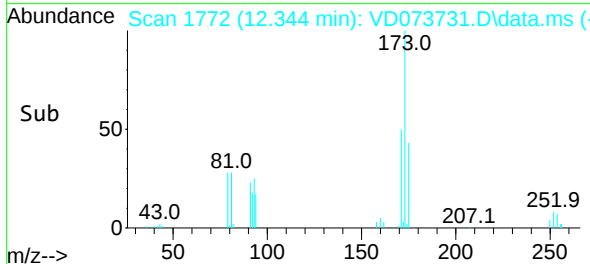
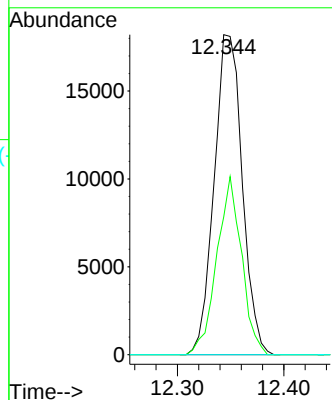
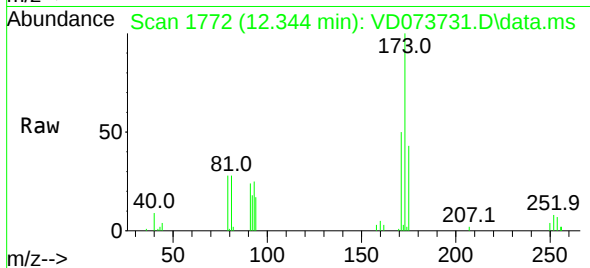
Tgt Ion:173 Resp: 33315

Ion Ratio Lower Upper

173 100

175 49.2 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

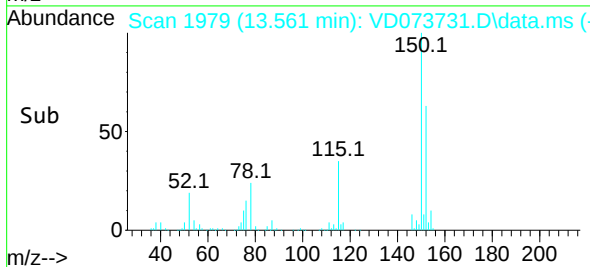
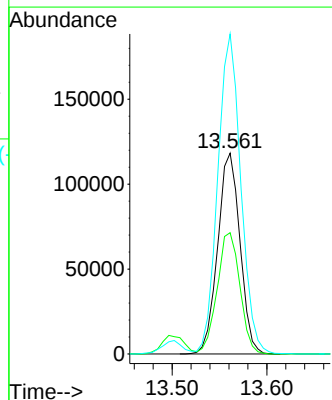
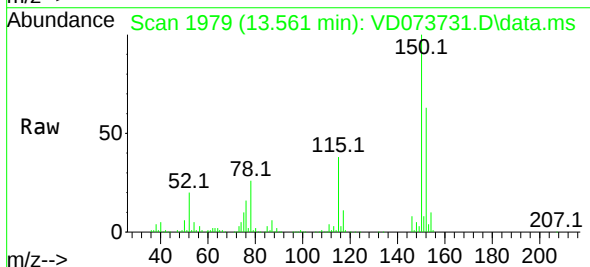
Tgt Ion:152 Resp: 193421

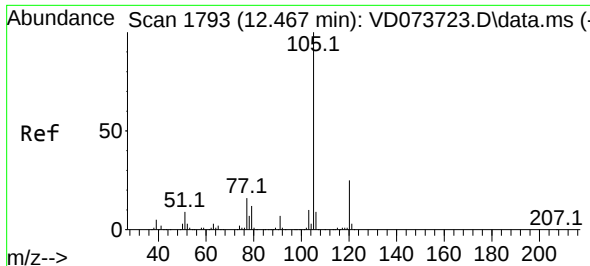
Ion Ratio Lower Upper

152 100

115 61.6 30.6 91.6

150 164.5 0.0 355.0

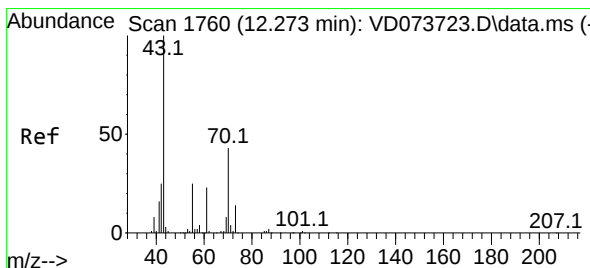
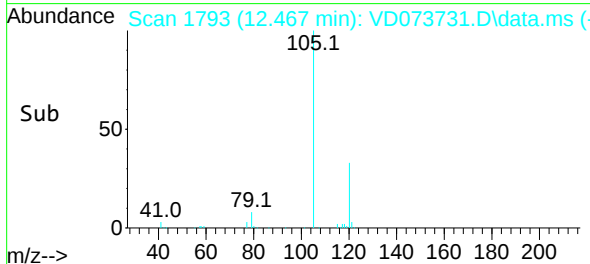
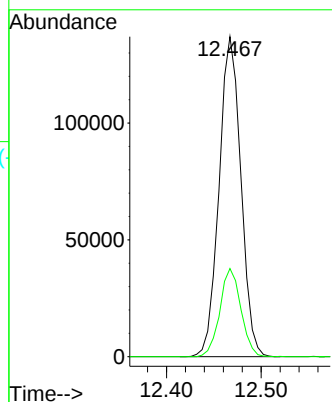
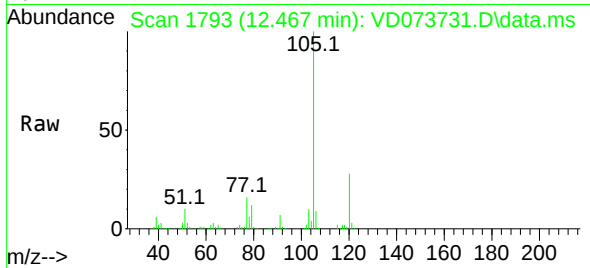




#73
Isopropylbenzene
Concen: 18.878 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

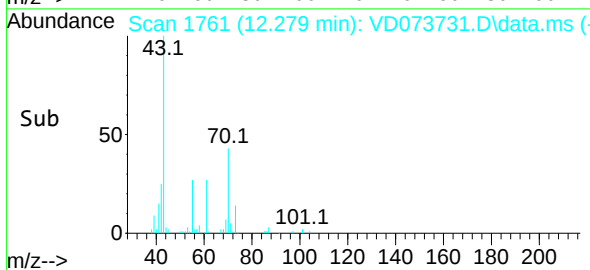
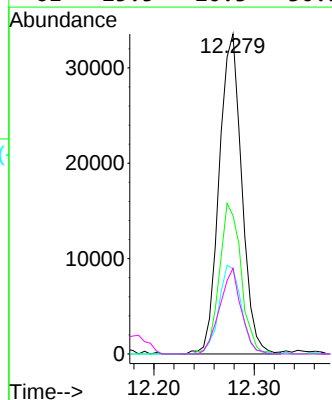
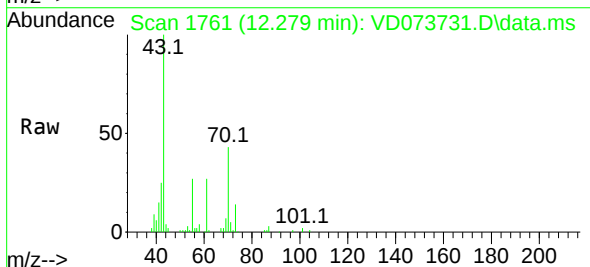
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

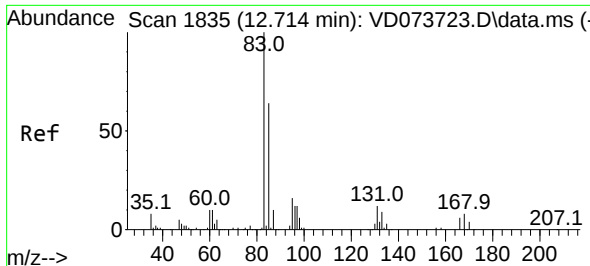
Tgt Ion:105 Resp: 219367
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 20.436 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 43 Resp: 52355
Ion Ratio Lower Upper
43 100
70 45.1 35.0 52.6
55 27.3 21.0 31.4
61 25.5 20.3 30.5

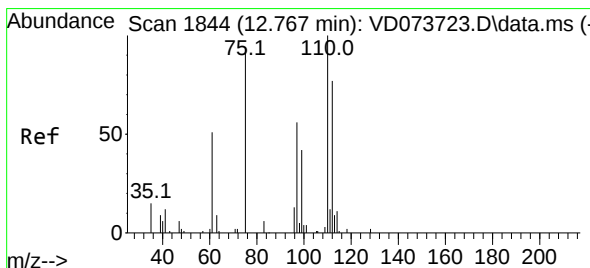
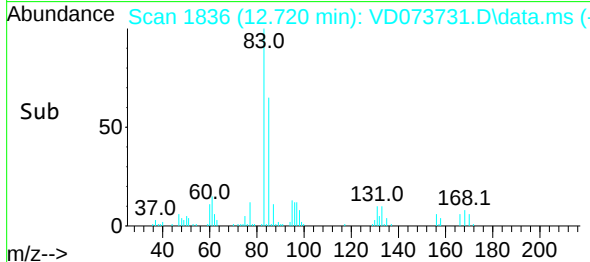
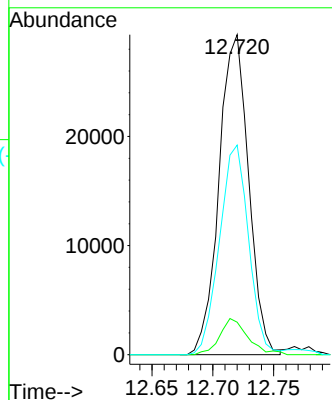
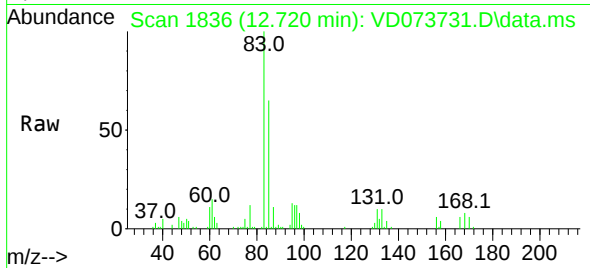




#75
1,1,2,2-Tetrachloroethane
Concen: 21.172 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

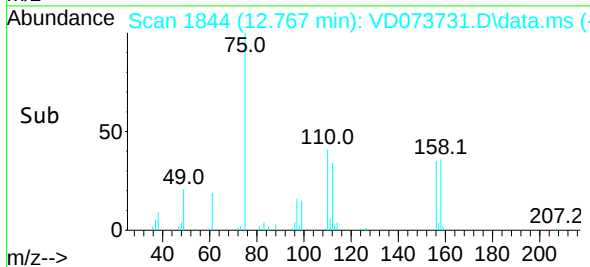
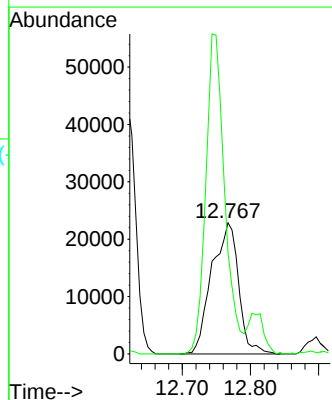
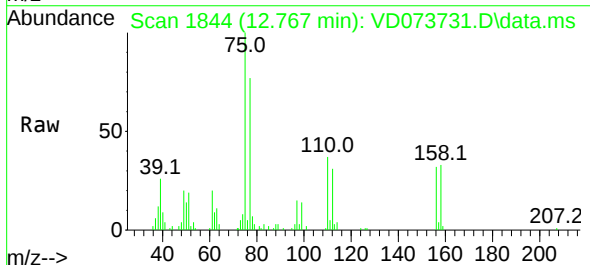
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

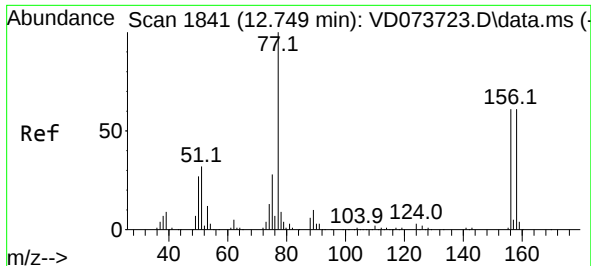
Tgt Ion: 83 Resp: 49596
Ion Ratio Lower Upper
83 100
131 10.7 5.5 16.7
85 64.4 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 43.285 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 75 Resp: 62637
Ion Ratio Lower Upper
75 100
77 0.0 195.3 586.0#

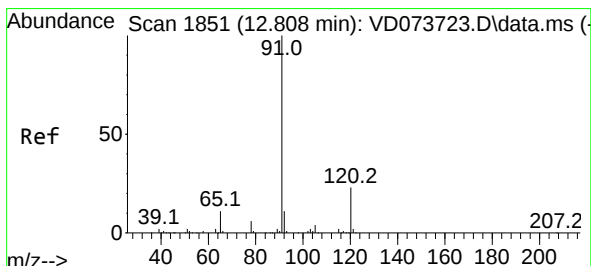
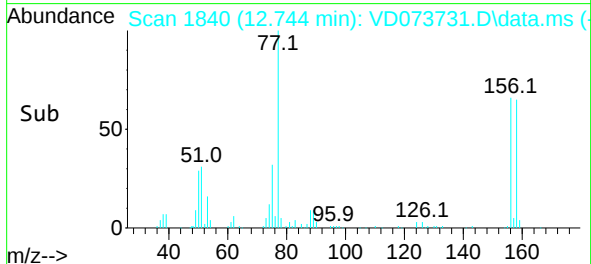
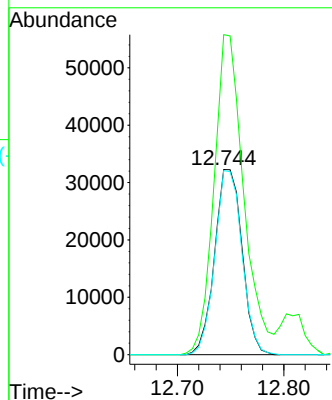
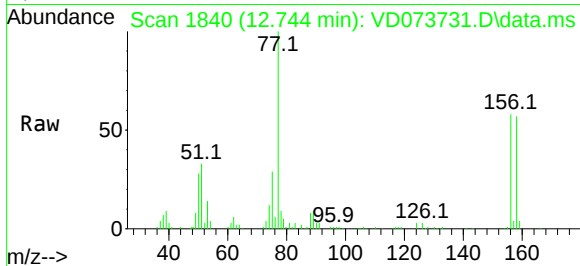




#77
Bromobenzene
Concen: 20.007 ug/l
RT: 12.744 min Scan# 1840
Delta R.T. -0.005 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

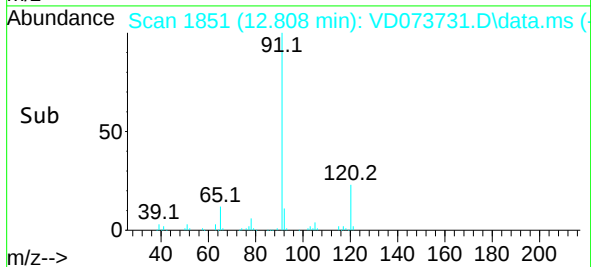
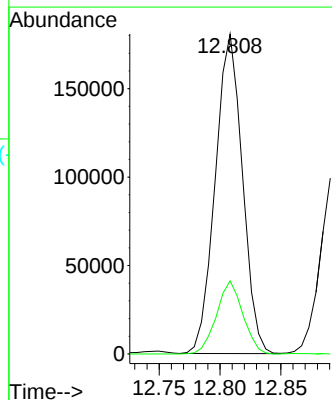
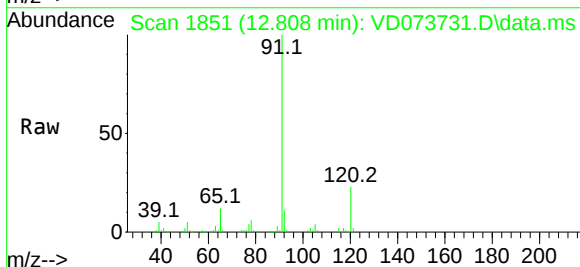
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

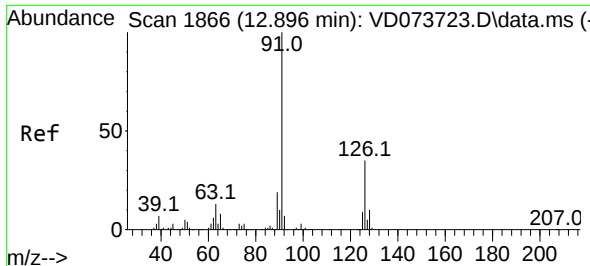
Tgt Ion:156 Resp: 57693
Ion Ratio Lower Upper
156 100
77 187.4 90.9 272.7
158 98.2 48.4 145.2



#78
n-propylbenzene
Concen: 19.398 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 91 Resp: 280275
Ion Ratio Lower Upper
91 100
120 22.2 11.8 35.3

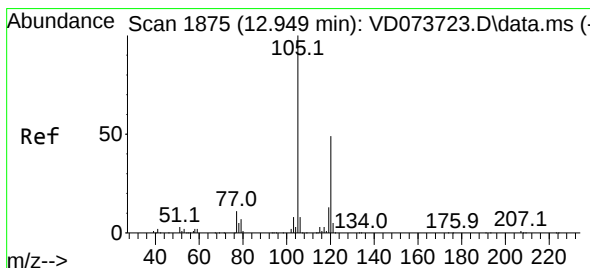
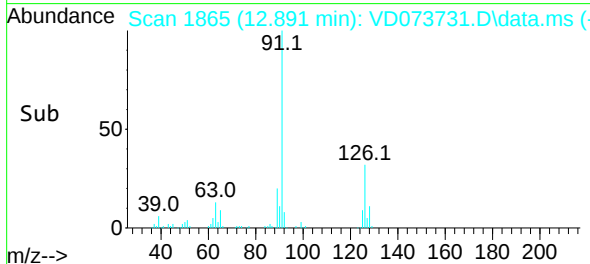
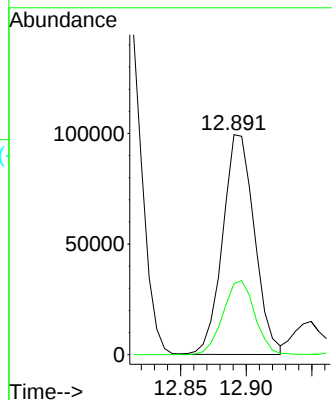
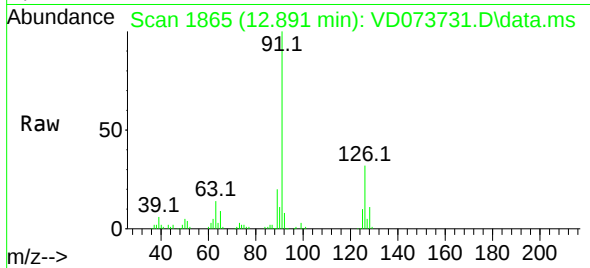




#79
2-Chlorotoluene
Concen: 19.701 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.005 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

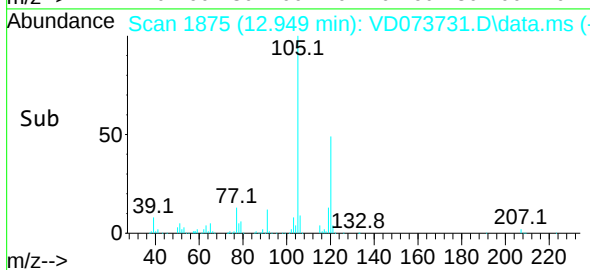
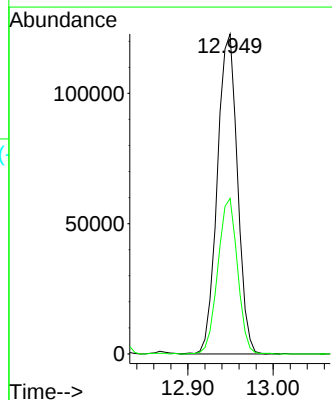
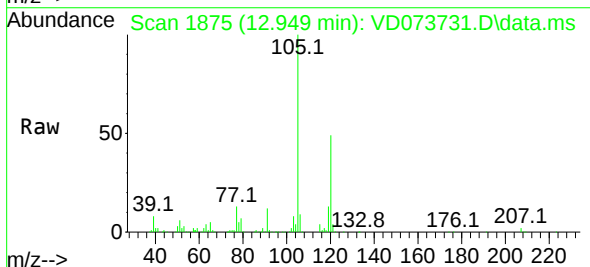
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

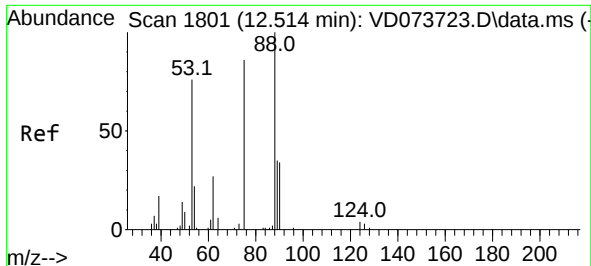
Tgt Ion: 91 Resp: 167409
Ion Ratio Lower Upper
91 100
126 33.7 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.009 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 105 Resp: 201407
Ion Ratio Lower Upper
105 100
120 47.6 24.5 73.5

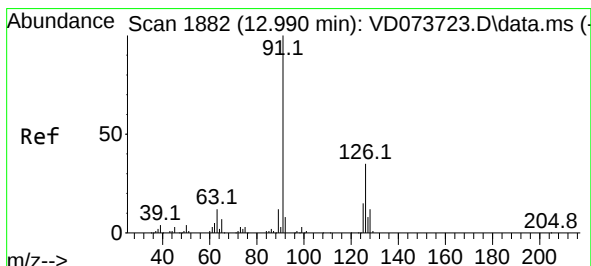
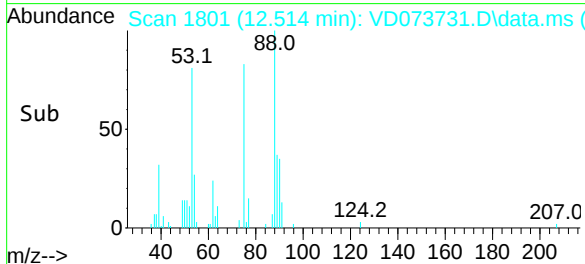
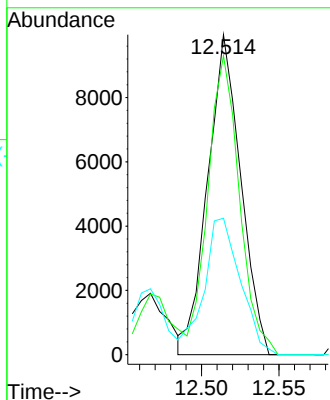
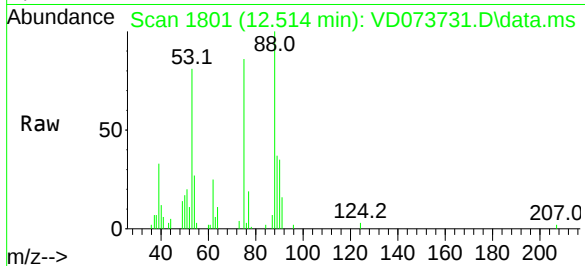




#81
trans-1,4-Dichloro-2-butene
Concen: 20.770 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

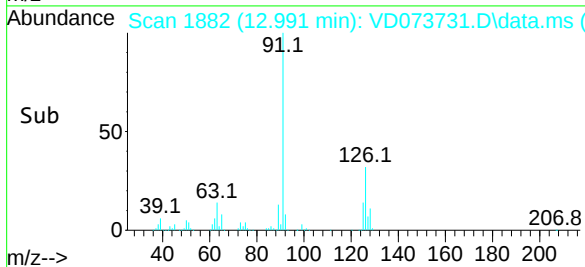
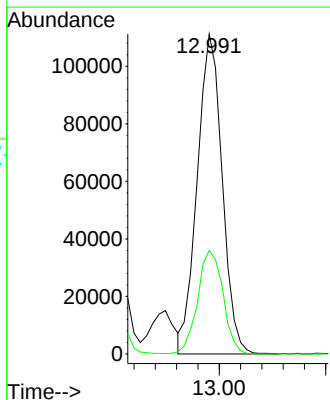
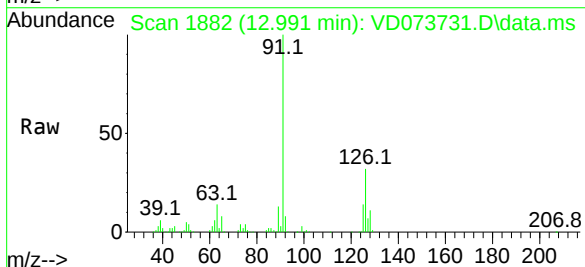
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

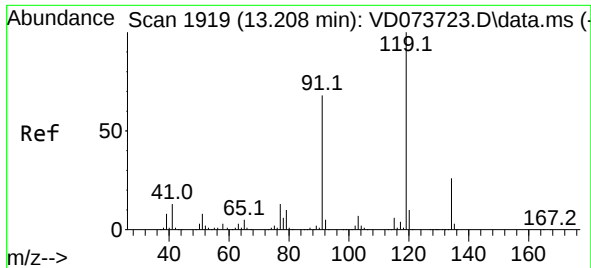
Tgt Ion: 75 Resp: 14757
Ion Ratio Lower Upper
75 100
53 88.6 77.0 115.6
89 47.0 37.8 56.8



#82
4-Chlorotoluene
Concen: 20.241 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.001 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 91 Resp: 180919
Ion Ratio Lower Upper
91 100
126 32.9 16.8 50.4

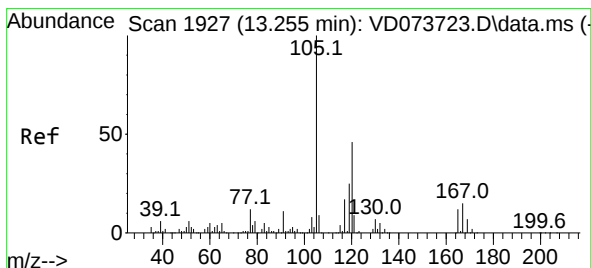
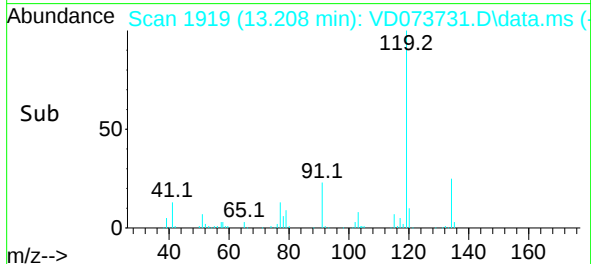
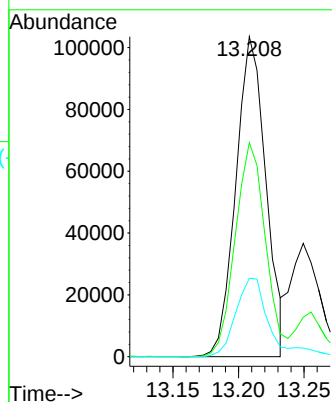
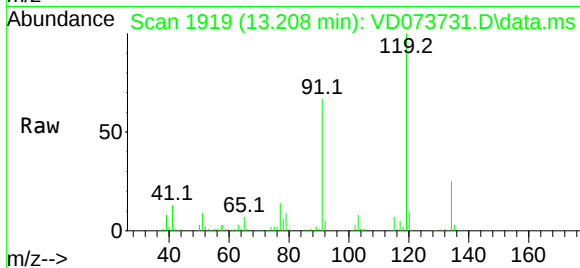




#83
tert-Butylbenzene
Concen: 19.010 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

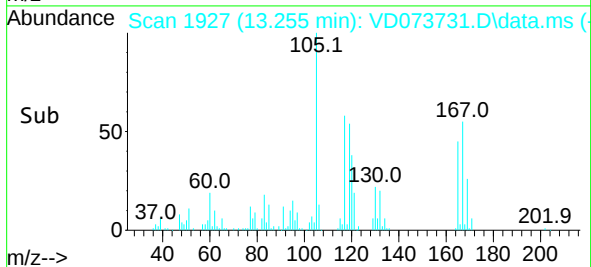
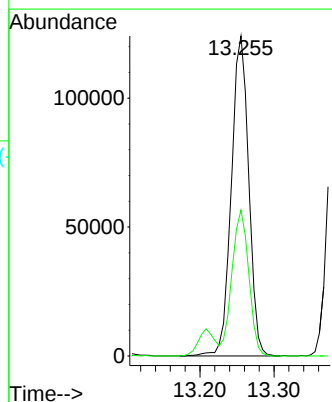
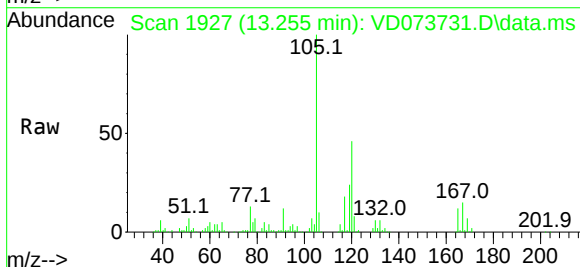
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

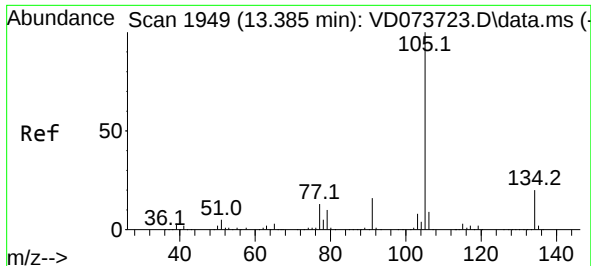
Tgt Ion:119 Resp: 165268
Ion Ratio Lower Upper
119 100
91 67.6 32.1 96.5
134 27.3 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 20.280 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion:105 Resp: 201830
Ion Ratio Lower Upper
105 100
120 44.4 22.6 67.8

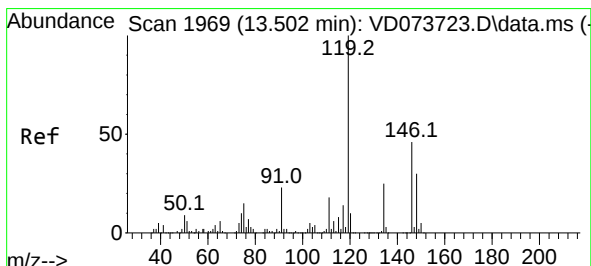
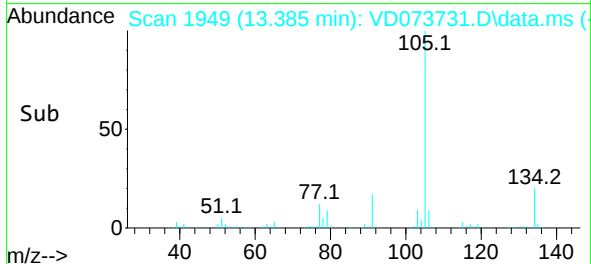
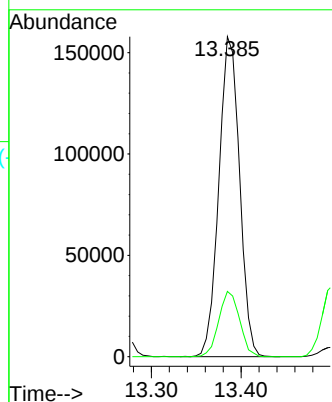
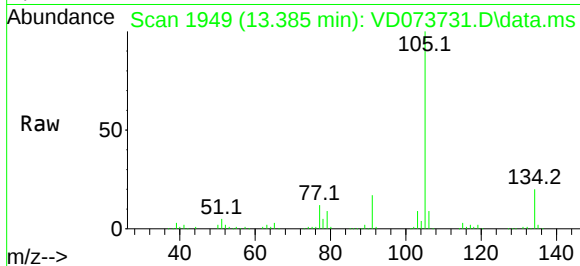




#85
 sec-Butylbenzene
 Concen: 19.349 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073731.D
 Acq: 27 Jun 2022 19:56

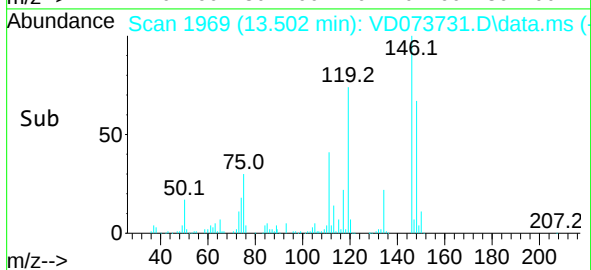
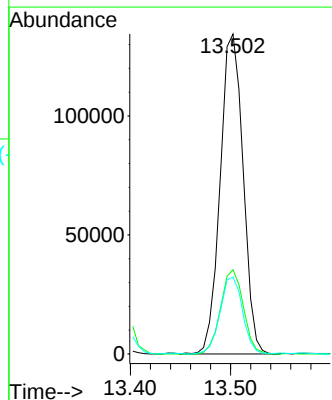
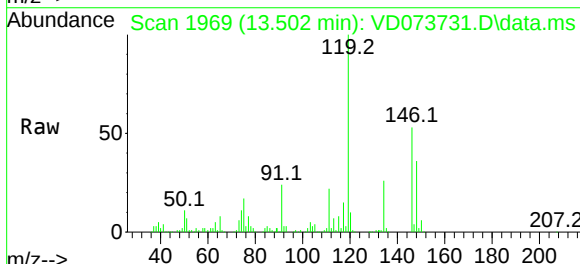
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBSD01

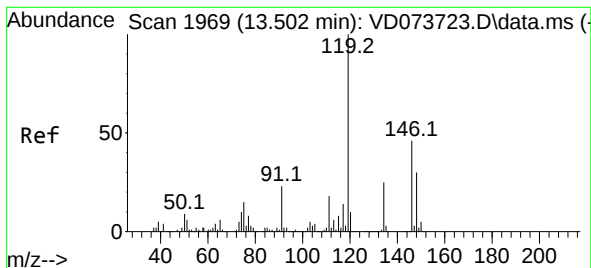
Tgt Ion:105 Resp: 253168
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.752 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073731.D
 Acq: 27 Jun 2022 19:56

Tgt Ion:119 Resp: 213281
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 23.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.342 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBS01

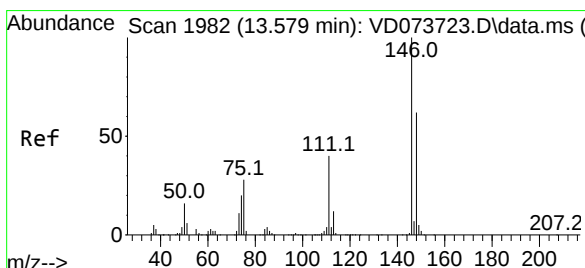
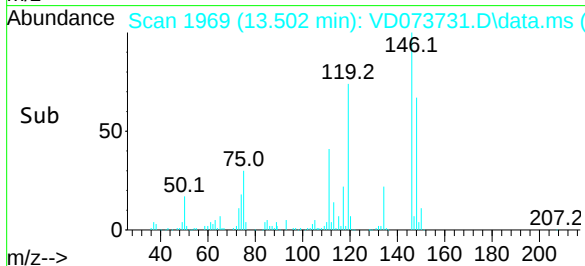
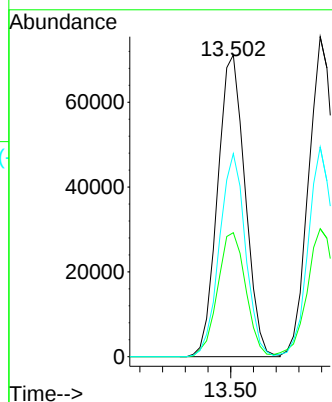
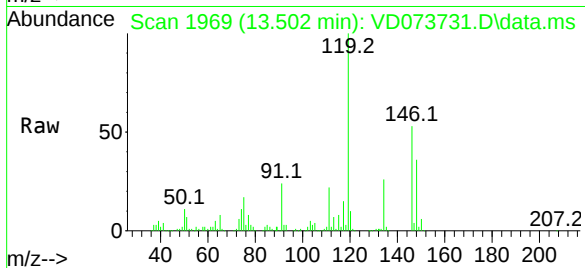
Tgt Ion:146 Resp: 119532

Ion Ratio Lower Upper

146 100

111 42.1 20.3 60.9

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 20.325 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073731.D

Acq: 27 Jun 2022 19:56

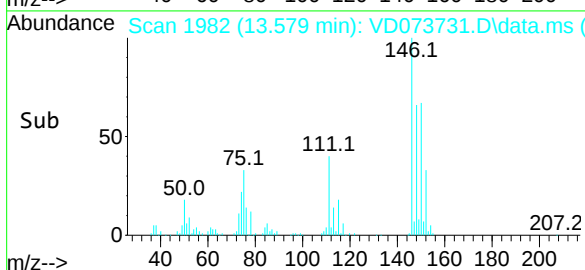
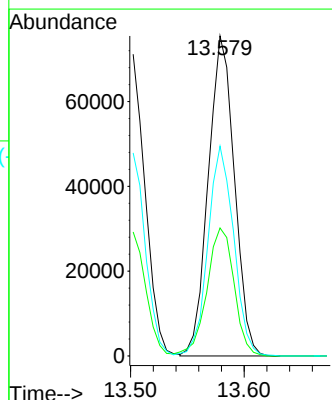
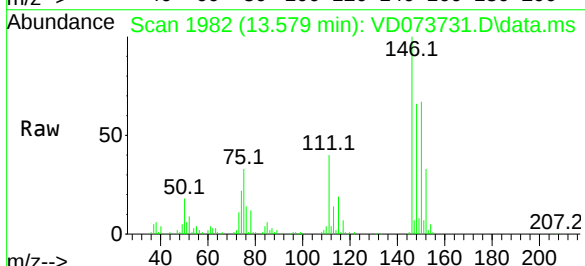
Tgt Ion:146 Resp: 120802

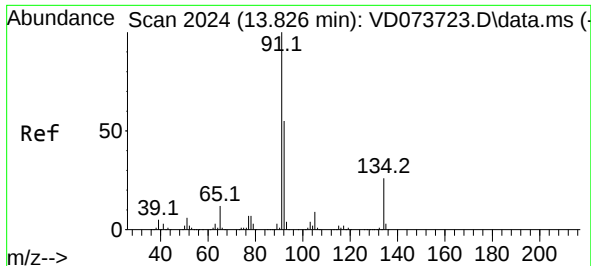
Ion Ratio Lower Upper

146 100

111 41.5 19.6 58.8

148 64.7 31.8 95.3

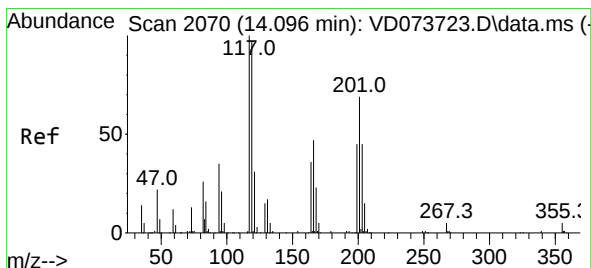
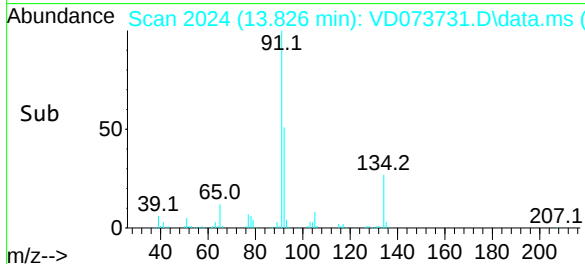
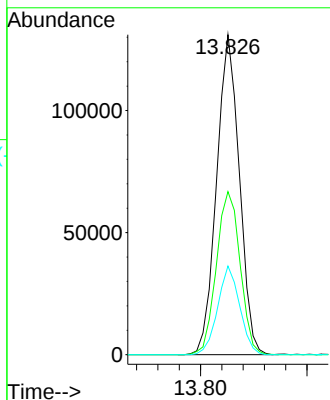
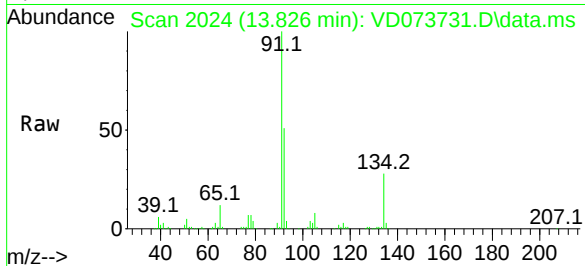




#89
n-Butylbenzene
Concen: 19.133 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

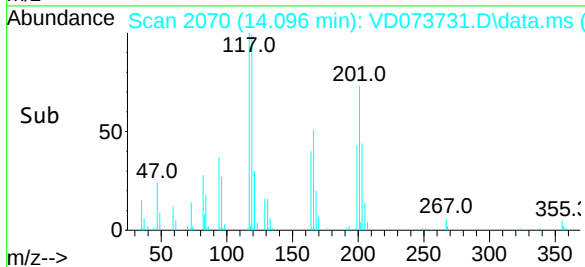
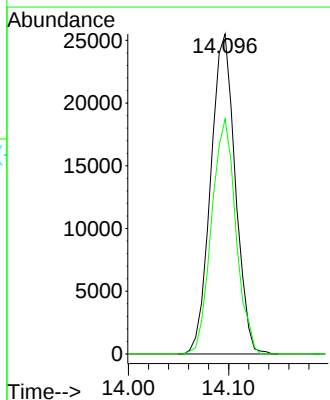
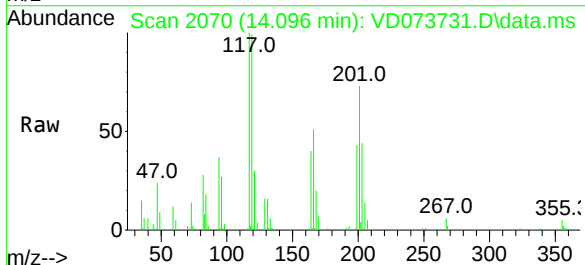
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

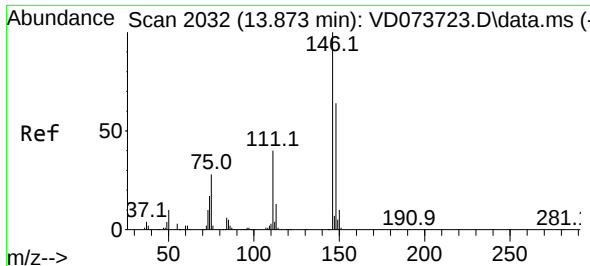
Tgt Ion: 91 Resp: 194098
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 26.8 12.7 38.0



#90
Hexachloroethane
Concen: 18.986 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 117 Resp: 43388
Ion Ratio Lower Upper
117 100
201 72.5 33.8 101.4

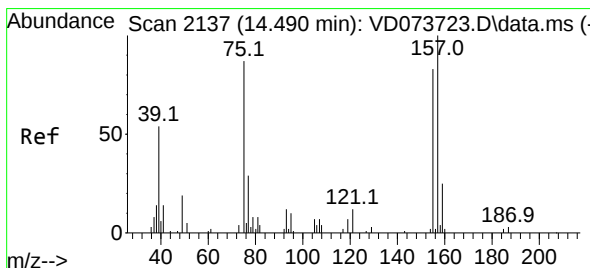
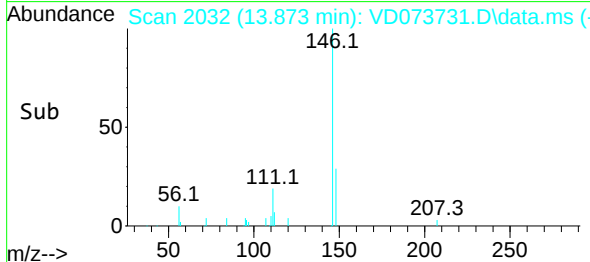
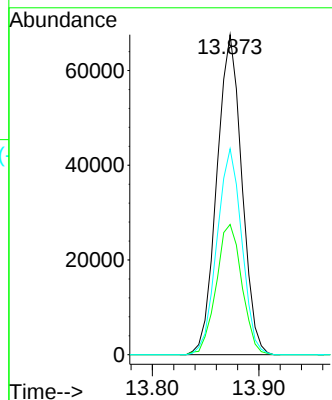
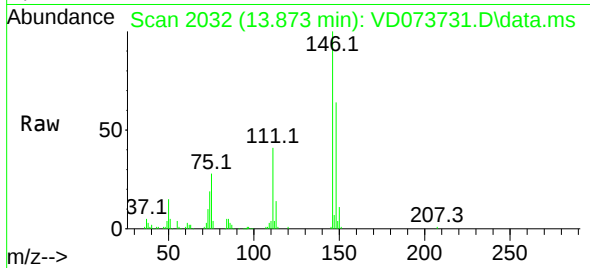




#91
1,2-Dichlorobenzene
Concen: 20.920 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

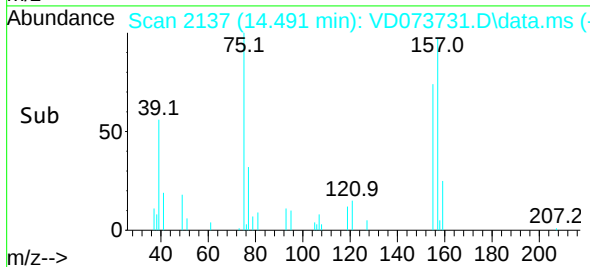
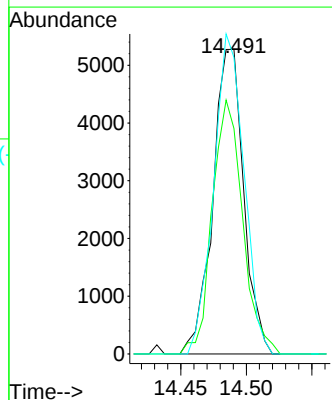
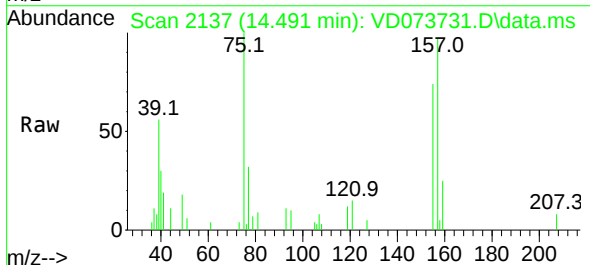
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

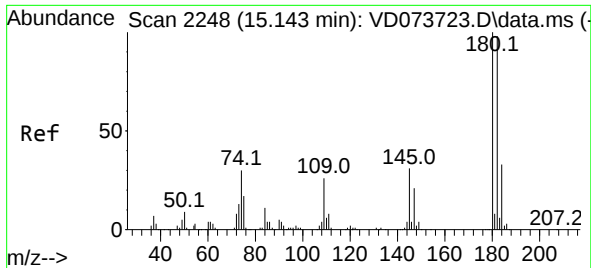
Tgt Ion:146 Resp: 110047
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.3
148 63.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.347 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.001 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion: 75 Resp: 8635
Ion Ratio Lower Upper
75 100
155 82.1 41.2 123.6
157 102.9 55.5 166.5

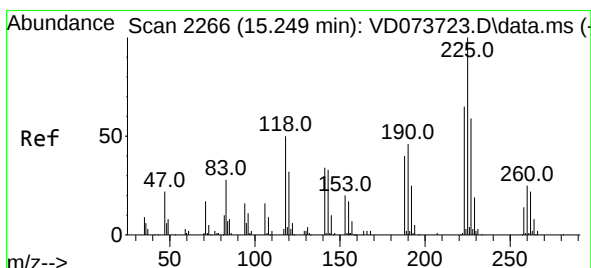
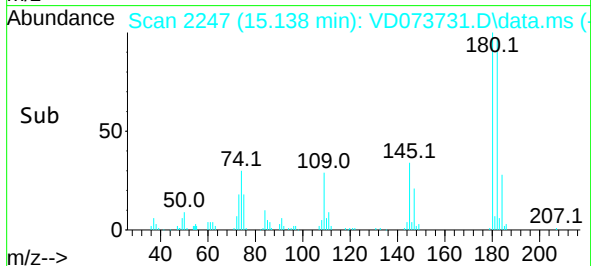
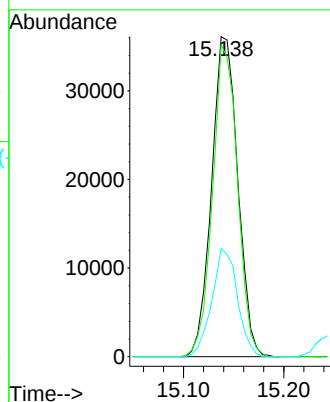
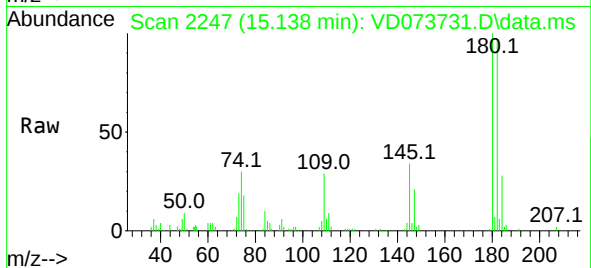




#93
1,2,4-Trichlorobenzene
Concen: 20.686 ug/l
RT: 15.138 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

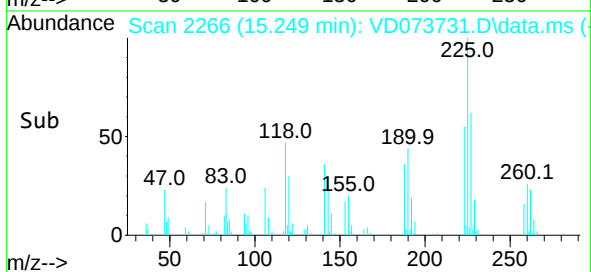
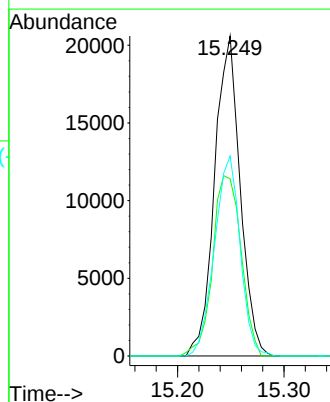
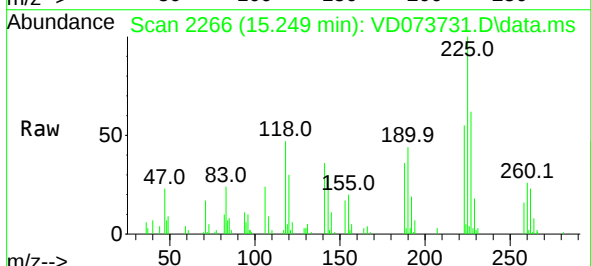
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

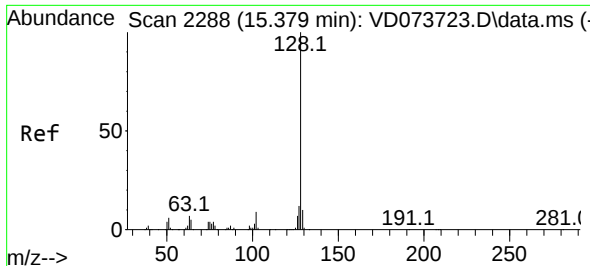
Tgt Ion:180 Resp: 65476
Ion Ratio Lower Upper
180 100
182 92.7 48.0 144.0
145 32.9 16.2 48.5



#94
Hexachlorobutadiene
Concen: 19.574 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion:225 Resp: 34293
Ion Ratio Lower Upper
225 100
223 62.7 32.6 97.8
227 62.7 32.6 97.8

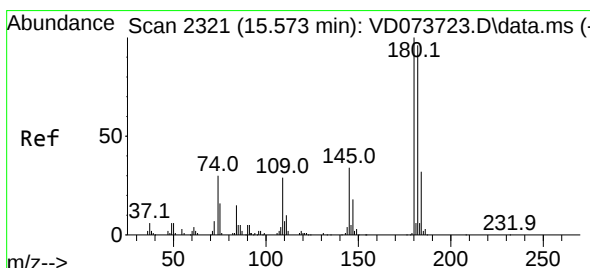
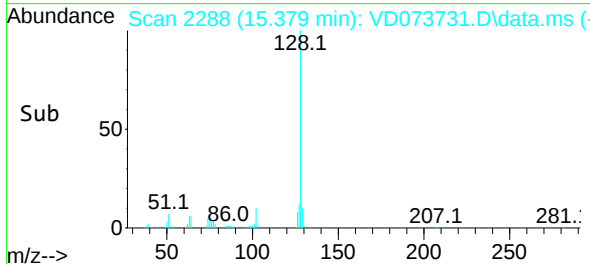
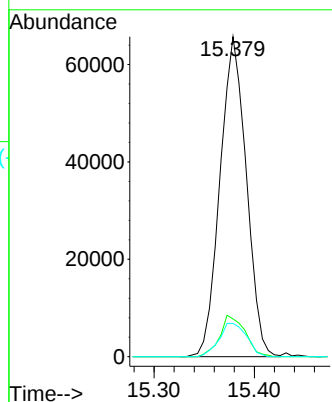
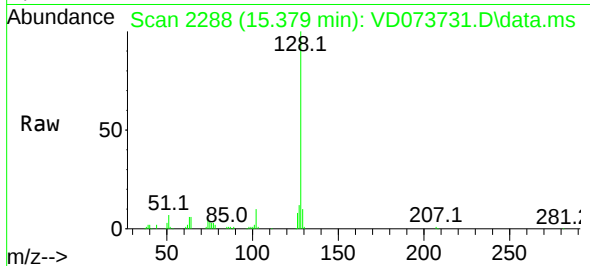




#95
Naphthalene
Concen: 20.683 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

Tgt Ion:128 Resp: 119590
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.507 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073731.D
Acq: 27 Jun 2022 19:56

Tgt Ion:180 Resp: 60016
Ion Ratio Lower Upper
180 100
182 91.9 49.0 147.0
145 34.9 17.6 52.8

