

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074189.D
 Acq On : 23 Aug 2022 17:17
 Operator : VA/SY
 Sample : VD0823SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

Quant Time: Aug 24 05:54:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	159225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	259725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	251780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	126192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	74317	45.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.360%
35) Dibromofluoromethane	7.908	113	80392	46.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.560%
50) Toluene-d8	10.332	98	249599	44.641	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.280%
62) 4-Bromofluorobenzene	12.620	95	107738	48.776	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	26034	19.484	ug/l	97
3) Chloromethane	2.209	50	17094	17.956	ug/l	99
4) Vinyl Chloride	2.344	62	16852	16.863	ug/l	93
5) Bromomethane	2.744	94	11405	17.671	ug/l	95
6) Chloroethane	2.909	64	12345	19.035	ug/l	89
7) Trichlorofluoromethane	3.256	101	53091	18.286	ug/l	98
8) Diethyl Ether	3.703	74	14840	19.021	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.085	101	32486	18.493	ug/l	96
10) Methyl Iodide	4.291	142	33703	16.625	ug/l	99
11) Tert butyl alcohol	5.238	59	14066	138.828	ug/l #	74
12) 1,1-Dichloroethene	4.056	96	28489	18.134	ug/l	88
13) Acrolein	3.914	56	6226	141.805	ug/l	96
14) Allyl chloride	4.709	41	46163	18.769	ug/l	94
15) Acrylonitrile	5.409	53	37891	104.452	ug/l	99
16) Acetone	4.156	43	30652	98.884	ug/l #	86
17) Carbon Disulfide	4.403	76	69729	15.219	ug/l	99
18) Methyl Acetate	4.714	43	19959	21.012	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	76246	20.266	ug/l	91
20) Methylene Chloride	4.956	84	47679	20.684	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	34155	18.593	ug/l	91
22) Diisopropyl ether	6.361	45	102715	20.363	ug/l #	96
23) Vinyl Acetate	6.297	43	216409	83.083	ug/l #	94
24) 1,1-Dichloroethane	6.250	63	64285	19.331	ug/l	97
25) 2-Butanone	7.208	43	50060	104.319	ug/l	93
26) 2,2-Dichloropropane	7.197	77	58317	19.462	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	40795	19.761	ug/l	95
28) Bromochloromethane	7.532	49	19704	19.602	ug/l #	79
29) Tetrahydrofuran	7.555	42	30258	104.481	ug/l	94
30) Chloroform	7.703	83	70677	20.157	ug/l	99
31) Cyclohexane	7.985	56	48292	16.675	ug/l	91
32) 1,1,1-Trichloroethane	7.891	97	62425	19.213	ug/l	97
36) 1,1-Dichloropropene	8.103	75	48473	18.461	ug/l	96
37) Ethyl Acetate	7.291	43	22911	22.130	ug/l #	97
38) Carbon Tetrachloride	8.091	117	52347	18.558	ug/l	98
39) Methylcyclohexane	9.344	83	51388	17.021	ug/l	96
40) Benzene	8.344	78	140989	19.049	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074189.D
 Acq On : 23 Aug 2022 17:17
 Operator : VA/SY
 Sample : VD0823SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

Quant Time: Aug 24 05:54:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	13254	21.298	ug/l	93
42) 1,2-Dichloroethane	8.414	62	43918	20.130	ug/l	97
43) Isopropyl Acetate	8.450	43	41855	20.099	ug/l #	91
44) Trichloroethene	9.102	130	40695	18.965	ug/l	92
45) 1,2-Dichloropropane	9.379	63	36212	19.600	ug/l	94
46) Dibromomethane	9.467	93	20279	19.674	ug/l	93
47) Bromodichloromethane	9.649	83	54934	20.490	ug/l	93
48) Methyl methacrylate	9.450	41	18934	19.667	ug/l #	82
49) 1,4-Dioxane	9.450	88	4663	398.681	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	108471	104.260	ug/l	94
52) Toluene	10.391	92	92246	18.960	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	47114	19.378	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	56793	19.702	ug/l #	86
55) 1,1,2-Trichloroethane	10.785	97	29682	21.055	ug/l	98
56) Ethyl methacrylate	10.649	69	32112	19.940	ug/l	89
57) 1,3-Dichloropropane	10.938	76	48709	20.676	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	53417	109.578	ug/l	93
59) 2-Hexanone	10.973	43	73958	105.433	ug/l	97
60) Dibromochloromethane	11.126	129	38483	21.020	ug/l	99
61) 1,2-Dibromoethane	11.232	107	28004	20.365	ug/l	97
64) Tetrachloroethene	10.861	164	33109	18.020	ug/l	94
65) Chlorobenzene	11.655	112	102750	18.725	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	40926	19.838	ug/l	98
67) Ethyl Benzene	11.732	91	176296	18.772	ug/l	96
68) m/p-Xylenes	11.843	106	142737	38.160	ug/l	94
69) o-Xylene	12.167	106	63872	18.506	ug/l	96
70) Styrene	12.179	104	115016	19.437	ug/l	97
71) Bromoform	12.343	173	22311	19.886	ug/l #	98
73) Isopropylbenzene	12.467	105	169477	18.548	ug/l	97
74) N-amyl acetate	12.273	43	39623	19.935	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	33722	20.664	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	40465	32.840	ug/l #	100
77) Bromobenzene	12.749	156	43033	19.879	ug/l	88
78) n-propylbenzene	12.802	91	211436	18.921	ug/l	97
79) 2-Chlorotoluene	12.890	91	125258	19.412	ug/l	95
80) 1,3,5-Trimethylbenzene	12.943	105	151685	19.323	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	9225	19.253	ug/l	94
82) 4-Chlorotoluene	12.990	91	132395	19.395	ug/l	98
83) tert-Butylbenzene	13.208	119	125703	19.010	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	153292	20.065	ug/l	100
85) sec-Butylbenzene	13.385	105	193800	19.390	ug/l	99
86) p-Isopropyltoluene	13.496	119	160509	19.463	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	88015	20.100	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	86515	19.610	ug/l	98
89) n-Butylbenzene	13.826	91	147488	18.869	ug/l	97
90) Hexachloroethane	14.090	117	32731	19.563	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	76107	19.989	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.479	75	5593	20.935	ug/l	92
93) 1,2,4-Trichlorobenzene	15.137	180	45227	19.463	ug/l	99
94) Hexachlorobutadiene	15.243	225	24984	19.158	ug/l	96
95) Naphthalene	15.379	128	81598	19.582	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	39445	19.464	ug/l	99

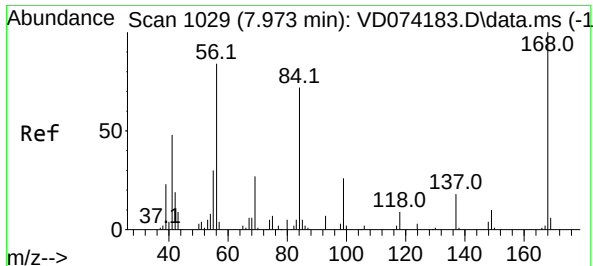
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
Data File : VD074189.D
Acq On : 23 Aug 2022 17:17
Operator : VA/SY
Sample : VD0823SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Quant Time: Aug 24 05:54:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 23 13:12:17 2022
Response via : Initial Calibration

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

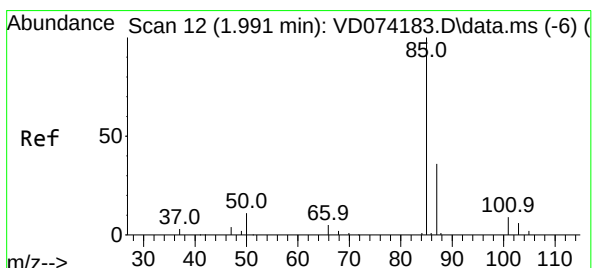
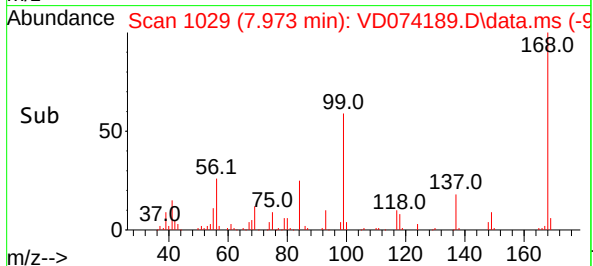
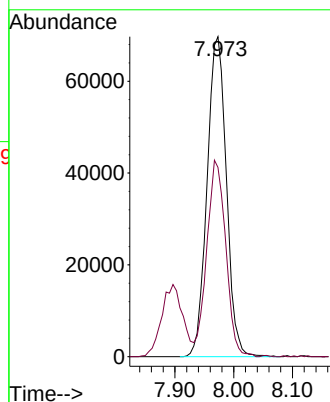
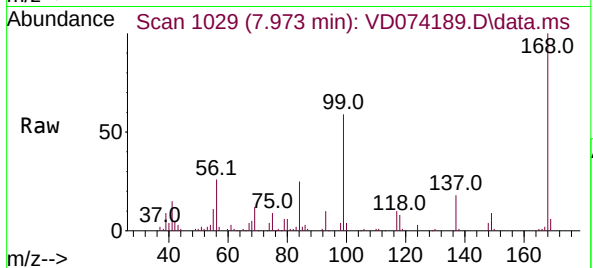
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

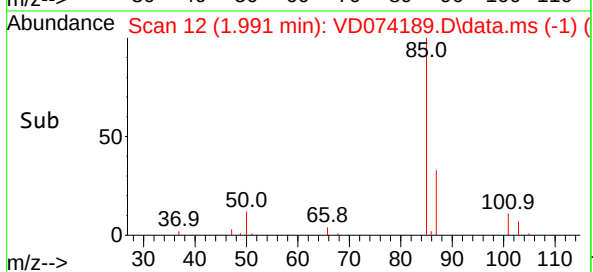
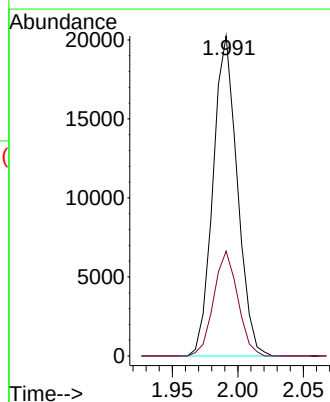
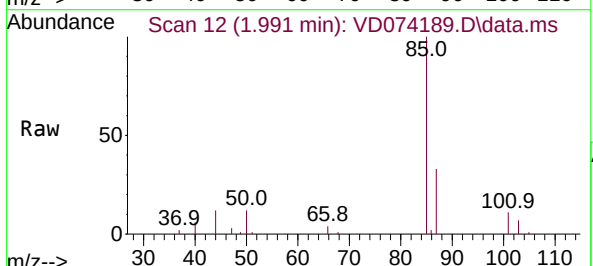
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

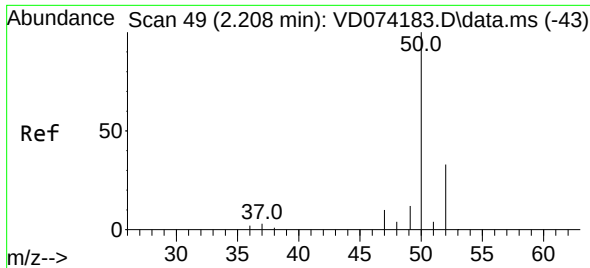
Tgt Ion:168 Resp: 159225
Ion Ratio Lower Upper
168 100
99 59.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 19.484 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 85 Resp: 26034
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0

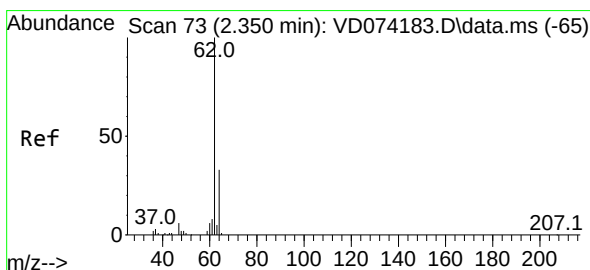
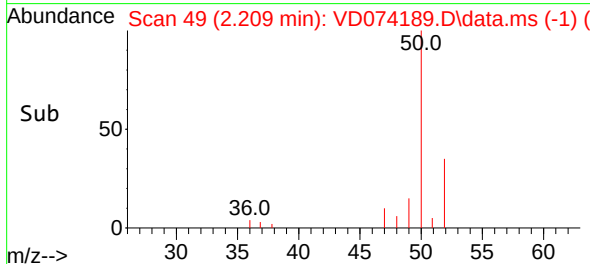
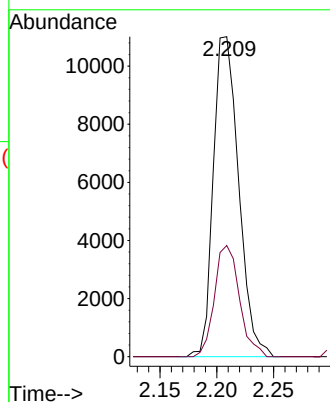
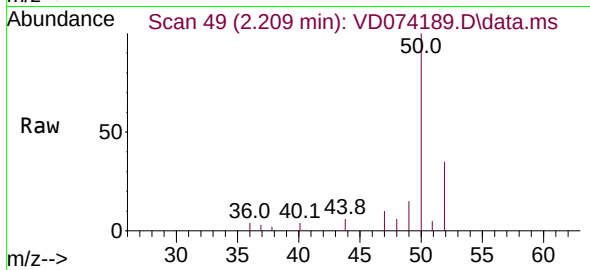




#3
Chloromethane
Concen: 17.956 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

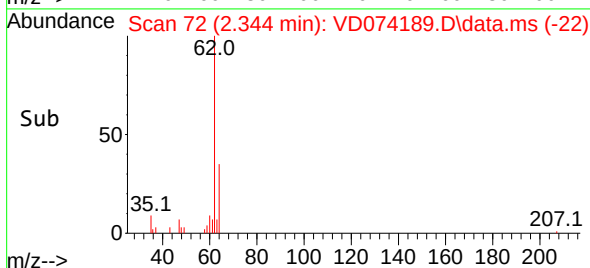
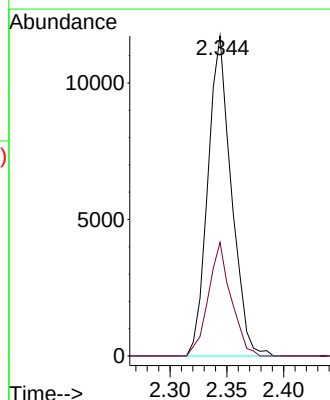
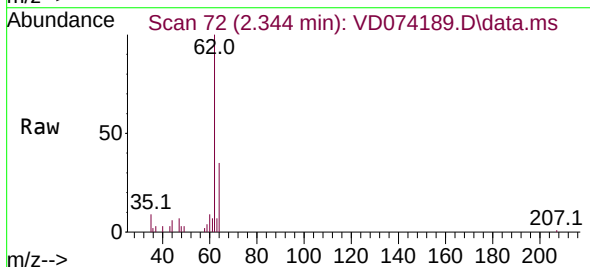
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

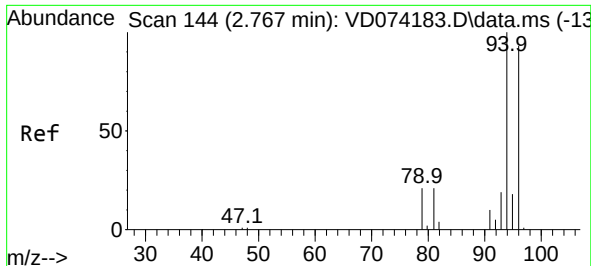
Tgt Ion: 50 Resp: 17094
Ion Ratio Lower Upper
50 100
52 34.8 27.4 41.0



#4
Vinyl Chloride
Concen: 16.863 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 62 Resp: 16852
Ion Ratio Lower Upper
62 100
64 35.5 25.4 38.0

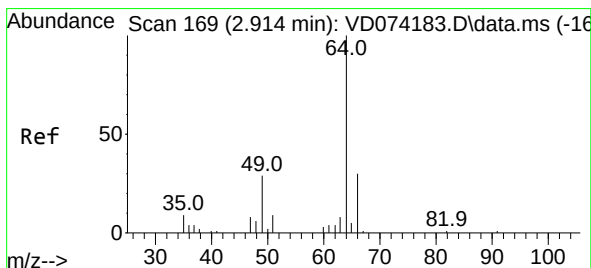
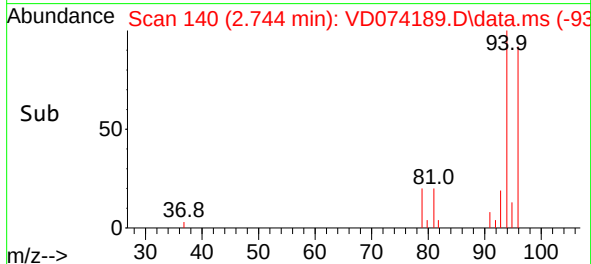
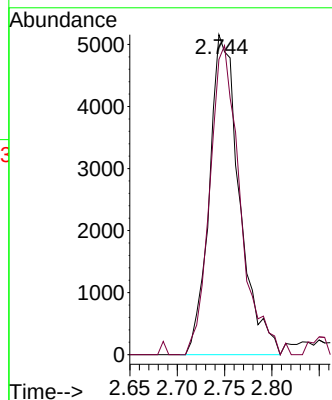
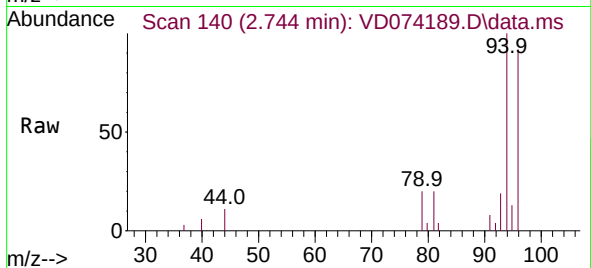




#5
Bromomethane
Concen: 17.671 ug/l
RT: 2.744 min Scan# 144
Delta R.T. -0.023 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

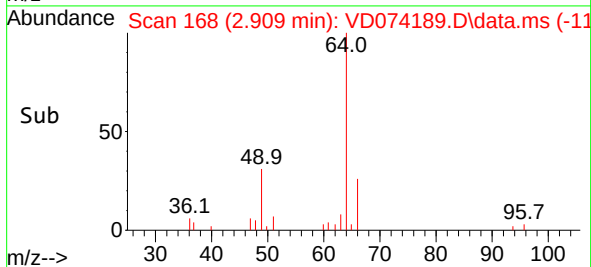
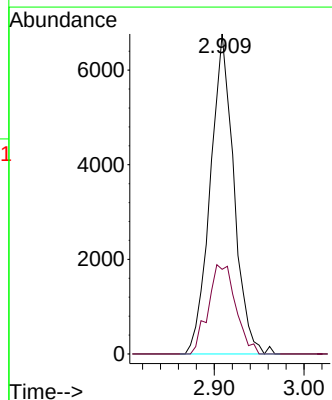
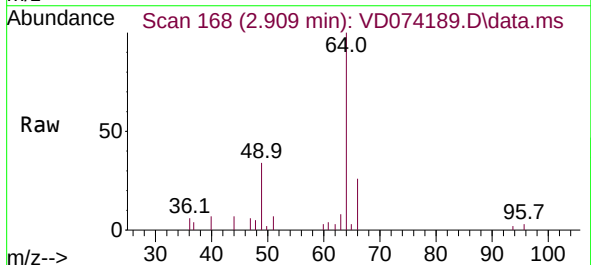
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

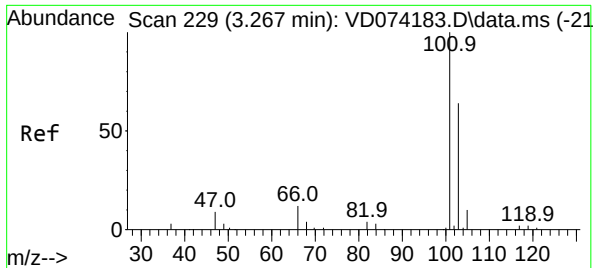
Tgt Ion: 94 Resp: 11405
Ion Ratio Lower Upper
94 100
96 92.2 77.6 116.4



#6
Chloroethane
Concen: 19.035 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.005 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 64 Resp: 12345
Ion Ratio Lower Upper
64 100
66 26.4 25.9 38.9

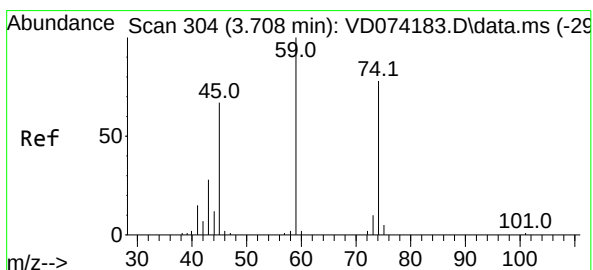
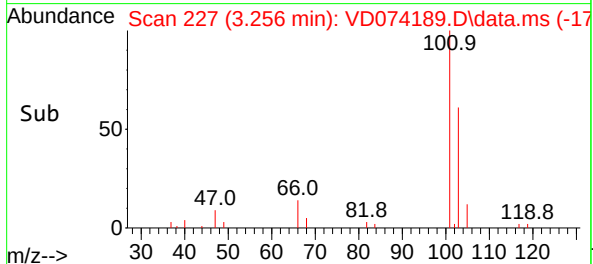
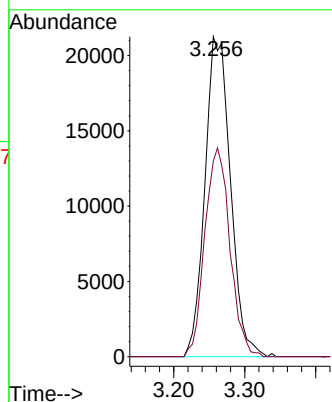
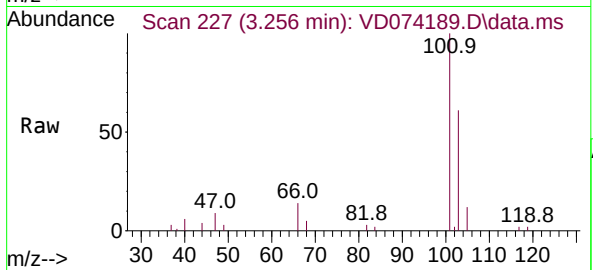




#7
 Trichlorofluoromethane
 Concen: 18.286 ug/l
 RT: 3.256 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: VD074189.D
 Acq: 23 Aug 2022 17:17

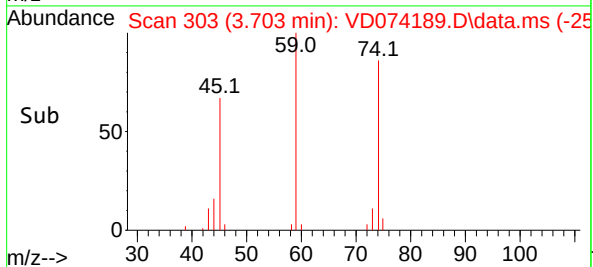
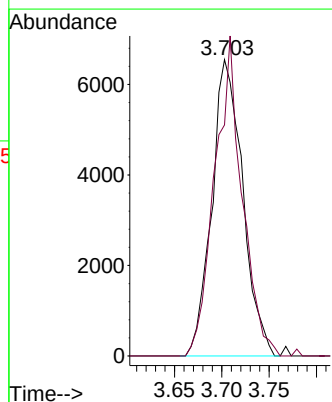
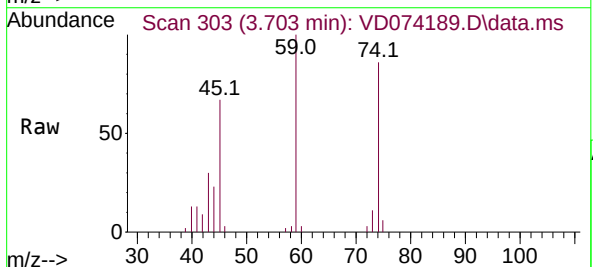
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

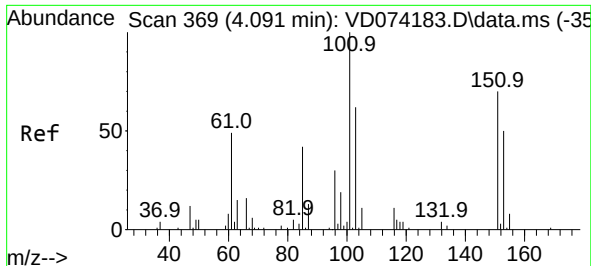
Tgt Ion:101 Resp: 53091
 Ion Ratio Lower Upper
 101 100
 103 61.1 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.021 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.005 min
 Lab File: VD074189.D
 Acq: 23 Aug 2022 17:17

Tgt Ion: 74 Resp: 14840
 Ion Ratio Lower Upper
 74 100
 45 95.8 52.6 157.8

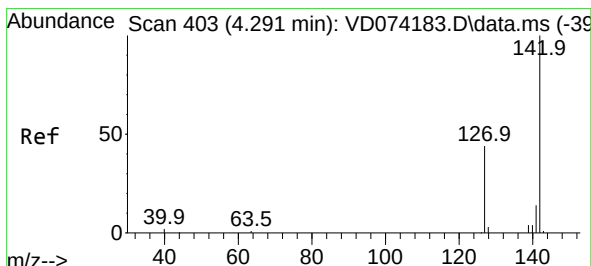
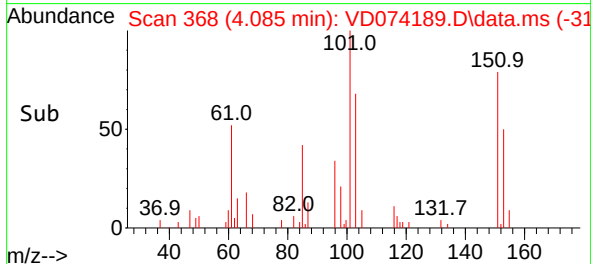
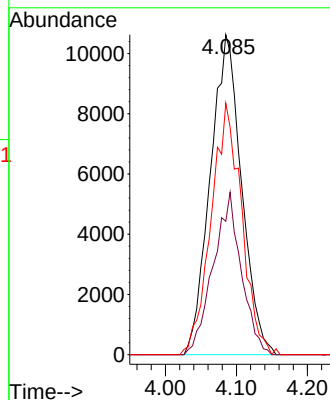
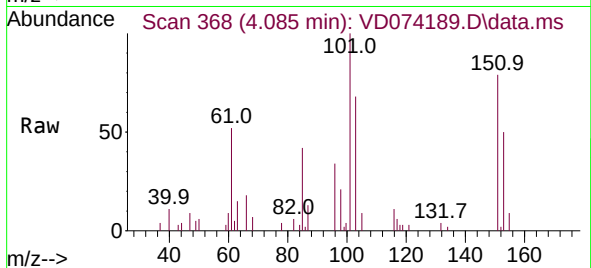




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.493 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

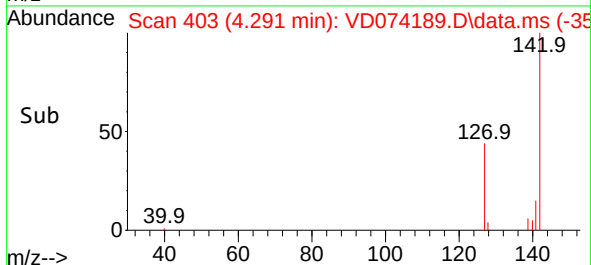
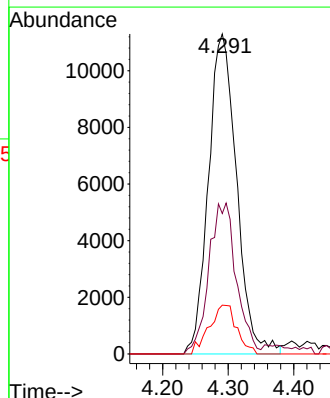
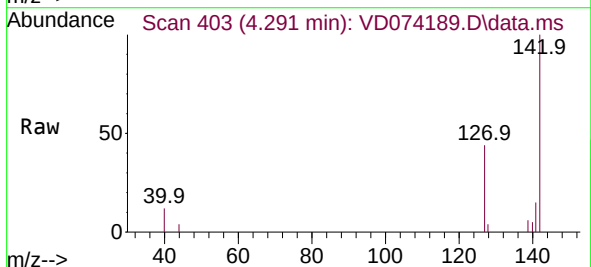
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

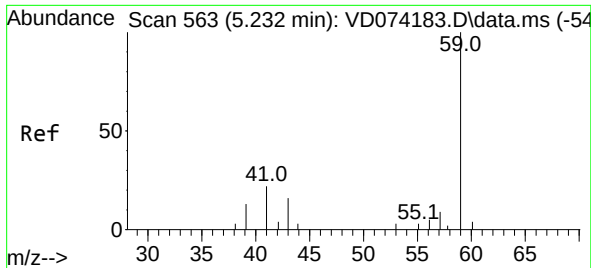
Tgt Ion:101 Resp: 32486
Ion Ratio Lower Upper
101 100
85 45.7 36.4 54.6
151 76.6 57.3 85.9



#10
Methyl Iodide
Concen: 16.625 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion:142 Resp: 33703
Ion Ratio Lower Upper
142 100
127 46.0 37.3 55.9
141 14.9 11.7 17.5

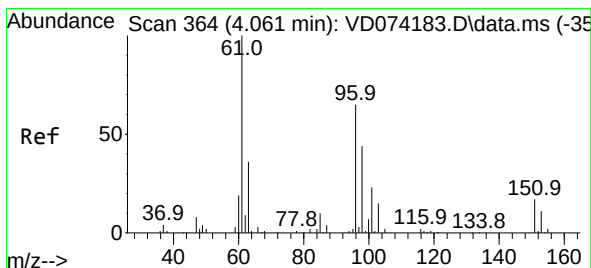
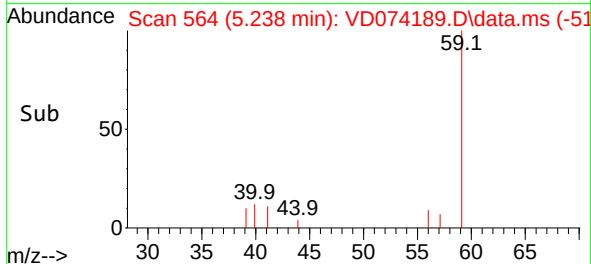
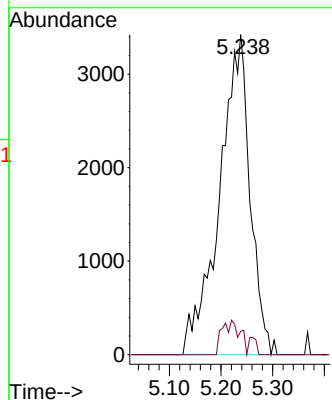
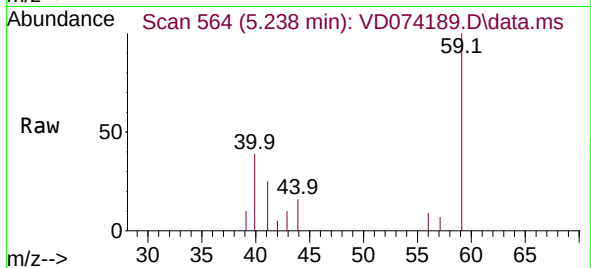




#11
Tert butyl alcohol
Concen: 138.828 ug/l
RT: 5.238 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

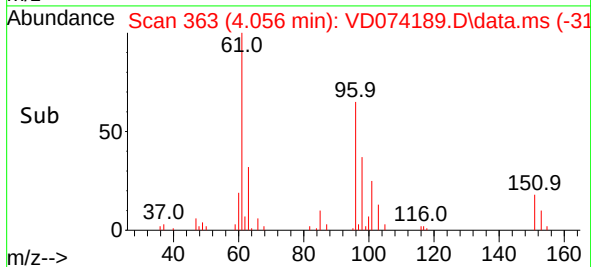
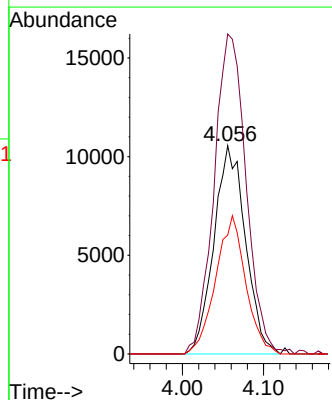
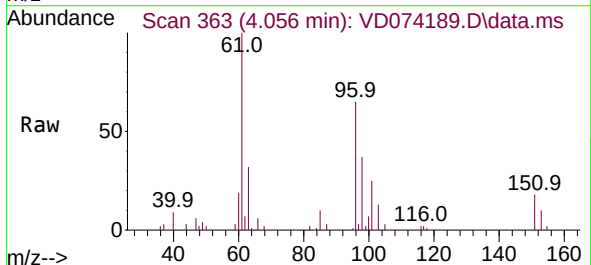
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

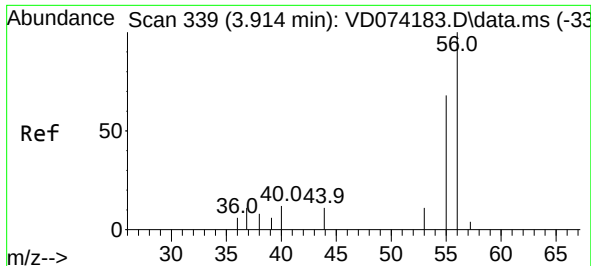
Tgt Ion: 59 Resp: 14066
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 18.134 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.005 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

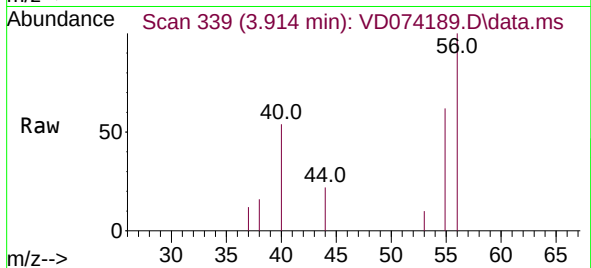
Tgt Ion: 96 Resp: 28489
Ion Ratio Lower Upper
96 100
61 153.6 138.5 207.7
98 57.0 48.6 73.0



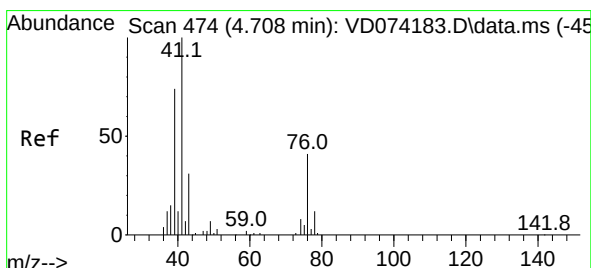
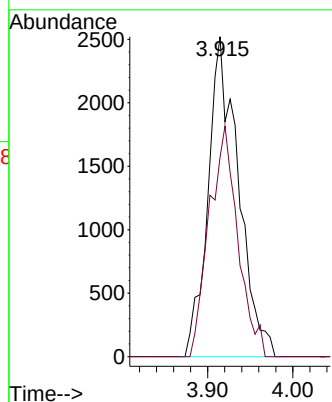
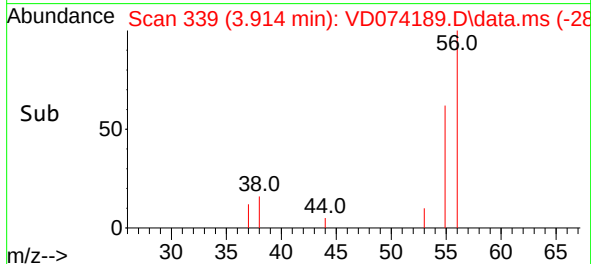


#13
Acrolein
Concen: 141.805 ug/l
RT: 3.914 min Scan# 339
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

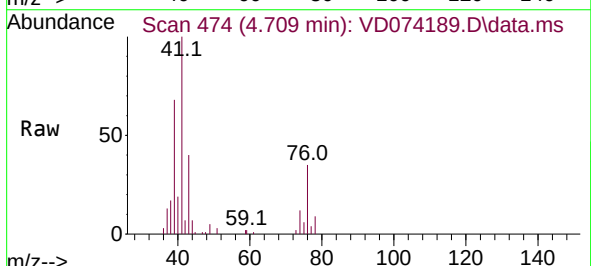
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01



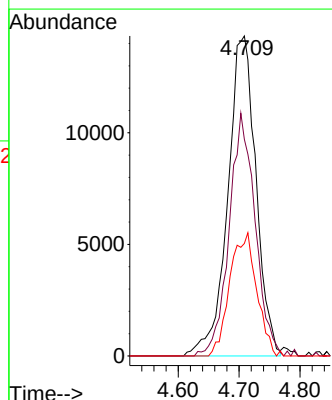
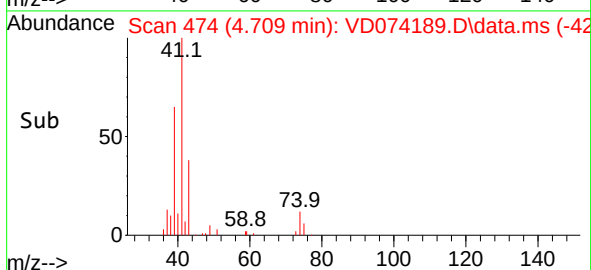
Tgt Ion: 56 Resp: 6226
Ion Ratio Lower Upper
56 100
55 68.2 57.1 85.7

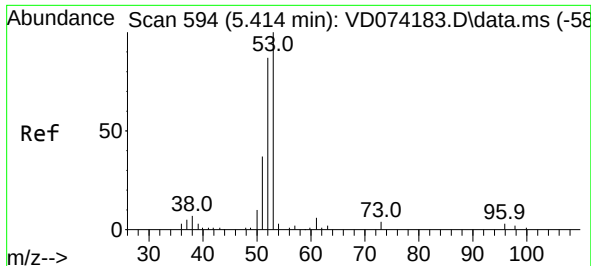


#14
Allyl chloride
Concen: 18.769 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.001 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17



Tgt Ion: 41 Resp: 46163
Ion Ratio Lower Upper
41 100
39 69.9 59.3 88.9
76 36.8 25.7 38.5

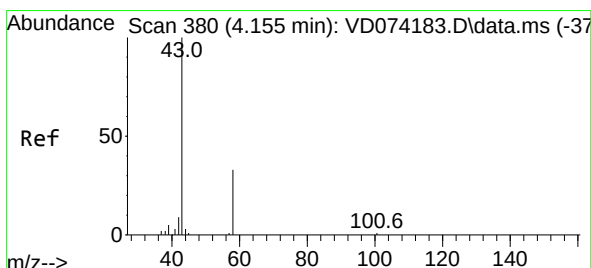
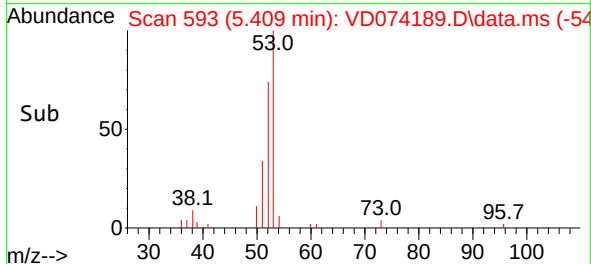
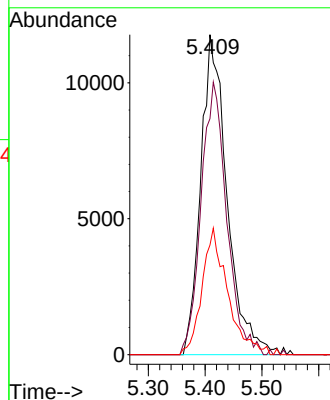
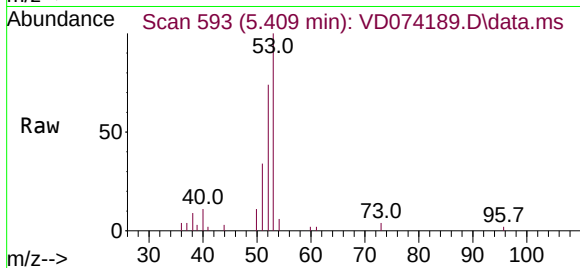




#15
Acrylonitrile
Concen: 104.452 ug/l
RT: 5.409 min Scan# 594
Delta R.T. -0.005 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

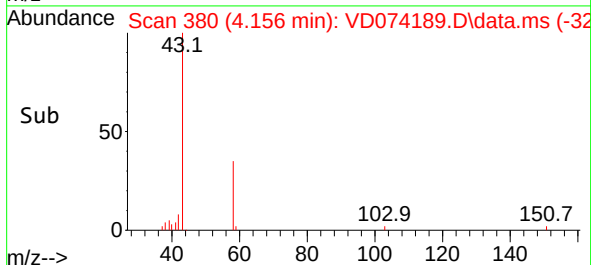
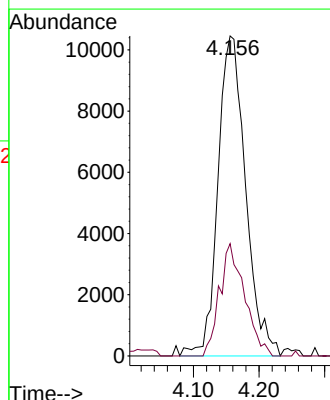
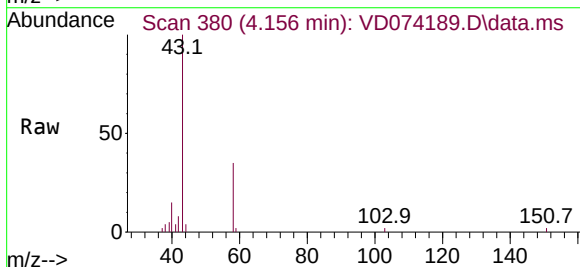
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

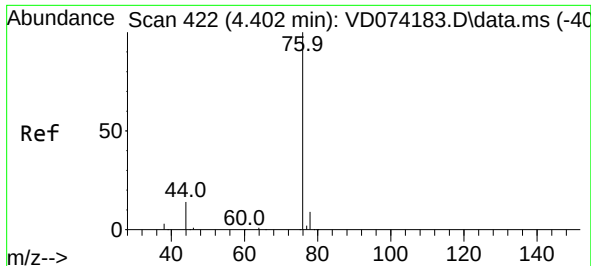
Tgt Ion:	53	Resp:	37891
Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.2	100.8
51	38.6	30.3	45.5



#16
Acetone
Concen: 98.884 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion:	43	Resp:	30652
Ion	Ratio	Lower	Upper
43	100		
58	35.1	22.1	33.1#

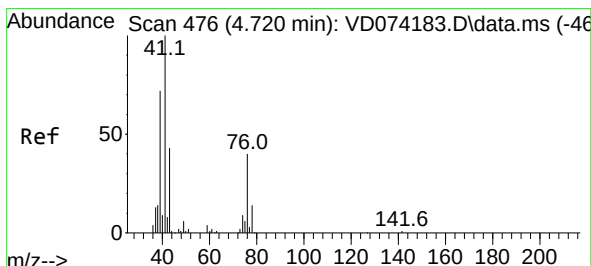
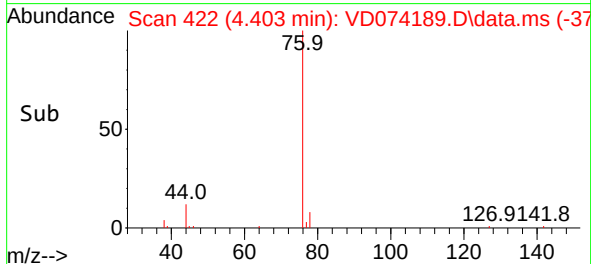
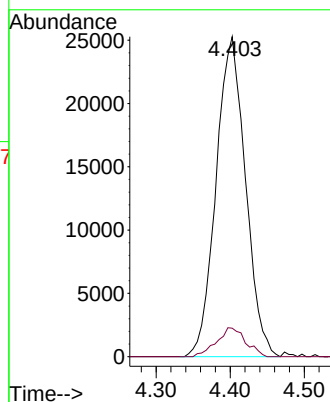
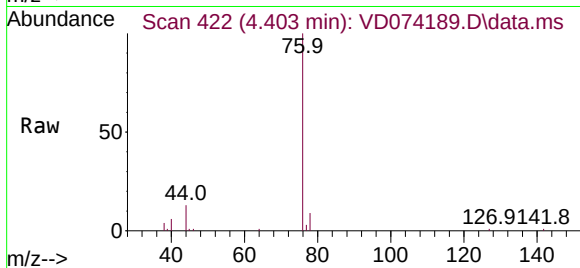




#17
Carbon Disulfide
Concen: 15.219 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

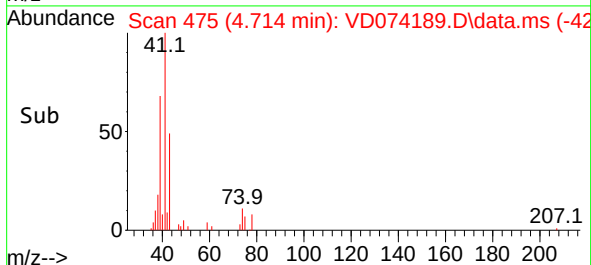
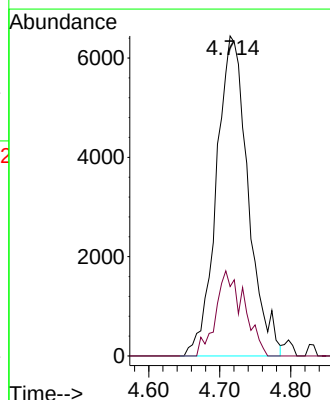
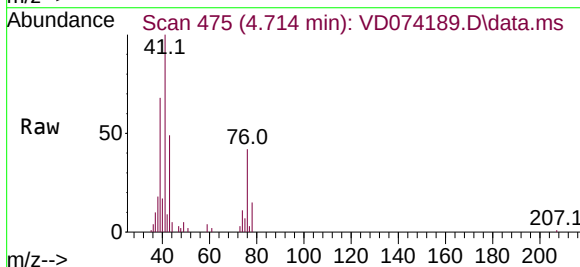
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

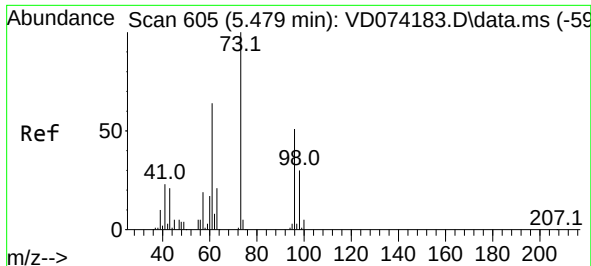
Tgt Ion: 76 Resp: 69729
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 21.012 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 43 Resp: 19959
Ion Ratio Lower Upper
43 100
74 23.7 16.7 25.1

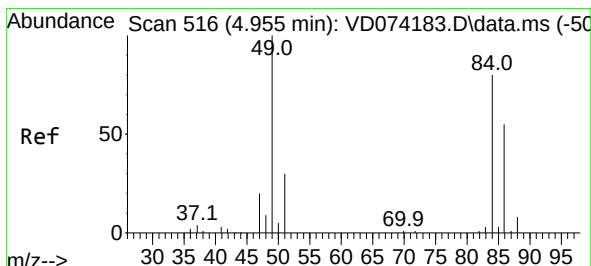
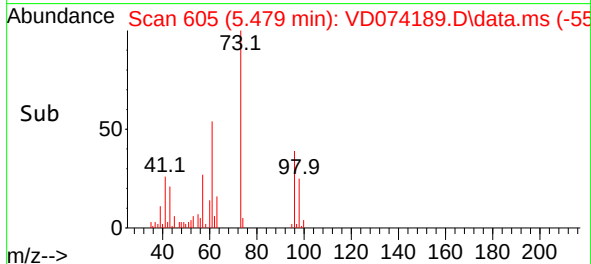
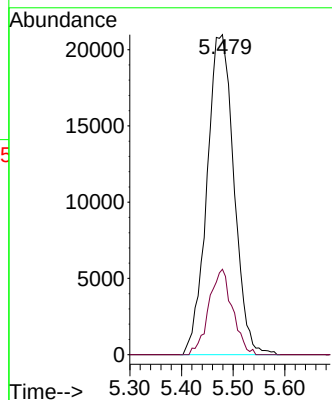
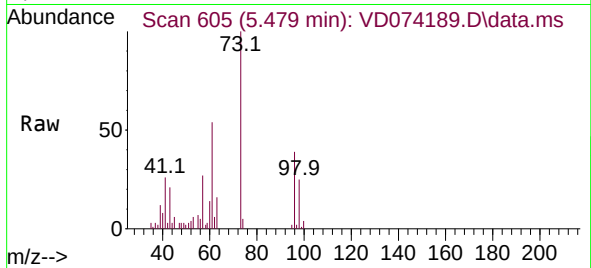




#19
Methyl tert-butyl Ether
Concen: 20.266 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

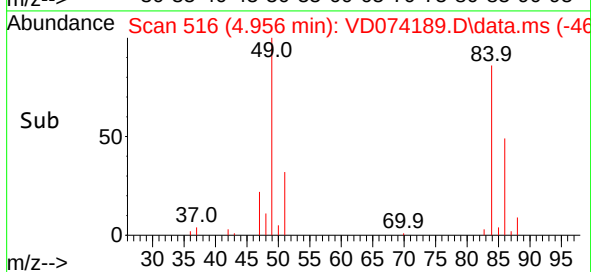
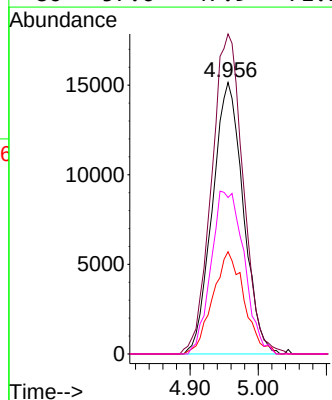
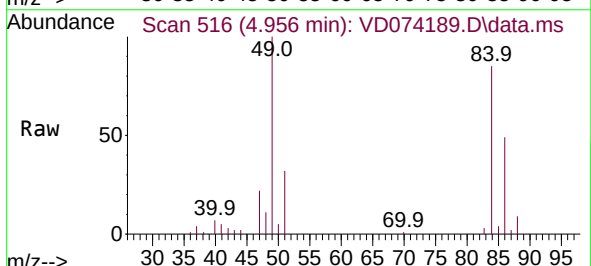
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

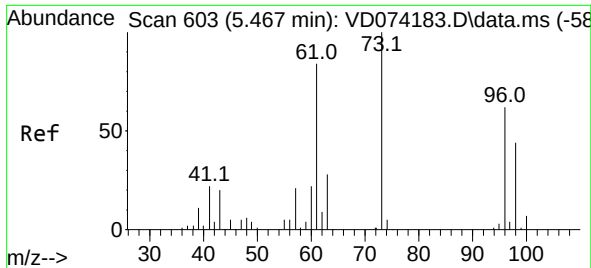
Tgt Ion: 73 Resp: 76246
Ion Ratio Lower Upper
73 100
57 26.7 18.0 27.0



#20
Methylene Chloride
Concen: 20.684 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 84 Resp: 47679
Ion Ratio Lower Upper
84 100
49 117.8 112.8 169.2
51 37.7 32.6 48.8
86 57.6 47.9 71.9

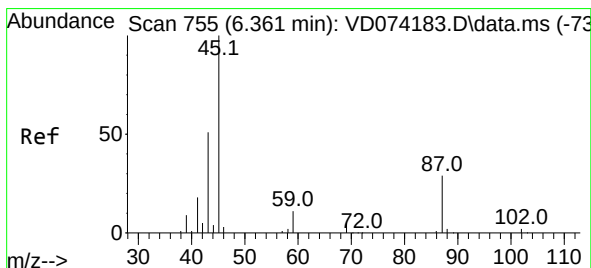
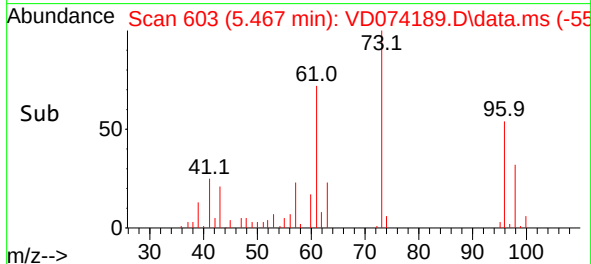
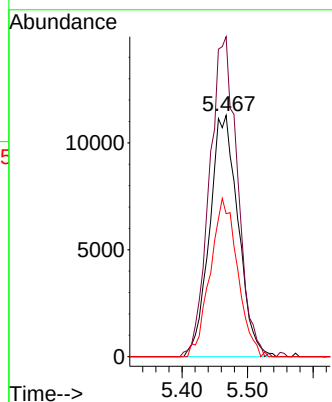
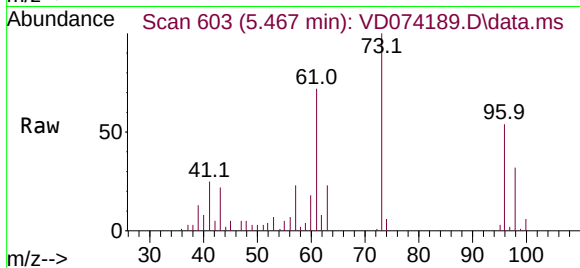




#21
trans-1,2-Dichloroethene
Concen: 18.593 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

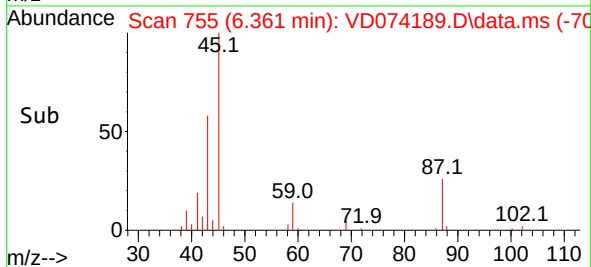
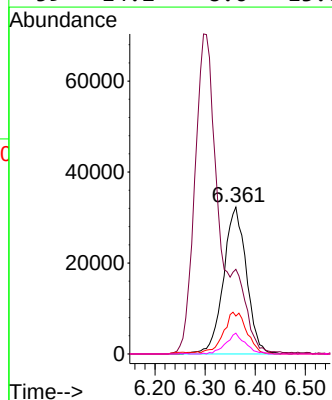
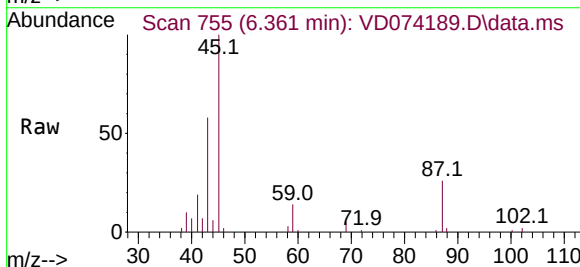
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

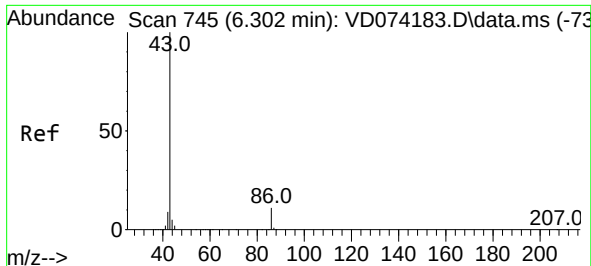
Tgt Ion: 96 Resp: 34155
Ion Ratio Lower Upper
96 100
61 132.7 117.9 176.9
98 59.3 49.4 74.2



#22
Diisopropyl ether
Concen: 20.363 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 45 Resp: 102715
Ion Ratio Lower Upper
45 100
43 56.1 46.6 70.0
87 25.8 18.4 27.6
59 14.2 8.6 13.0#

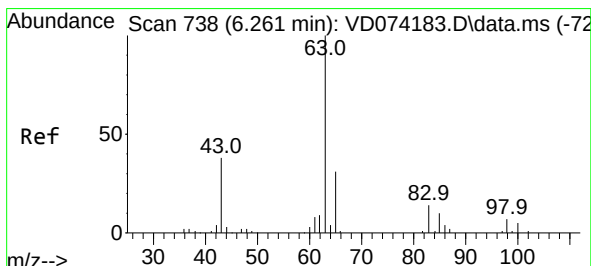
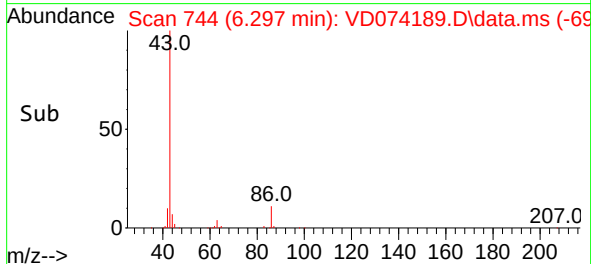
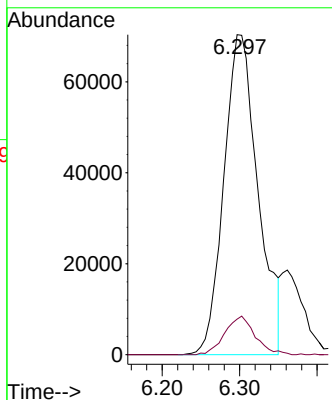
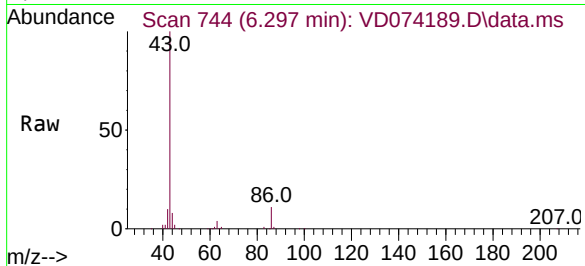




#23
 Vinyl Acetate
 Concen: 83.083 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.005 min
 Lab File: VD074189.D
 Acq: 23 Aug 2022 17:17

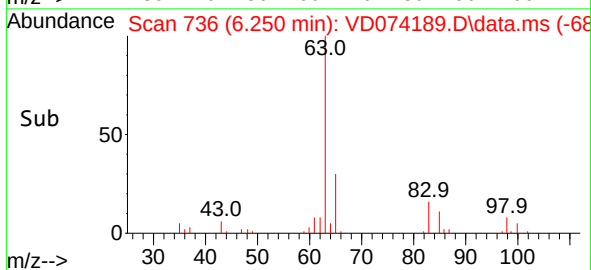
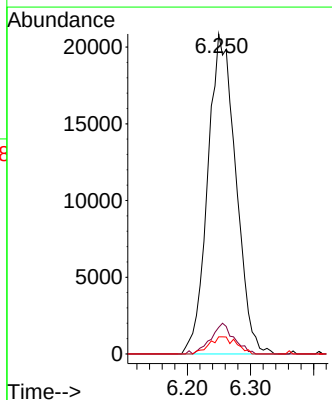
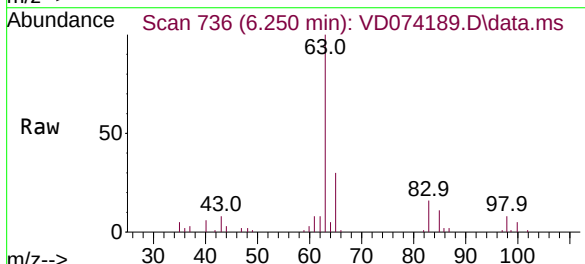
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

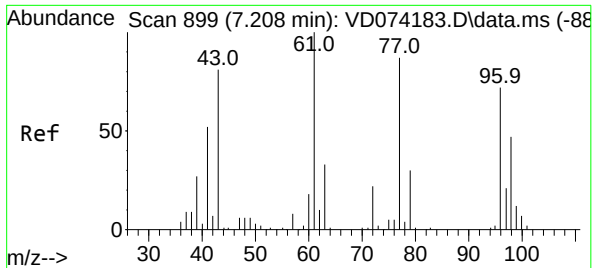
Tgt Ion: 43 Resp: 216409
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.331 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.011 min
 Lab File: VD074189.D
 Acq: 23 Aug 2022 17:17

Tgt Ion: 63 Resp: 64285
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.9
 100 5.4 2.1 6.5

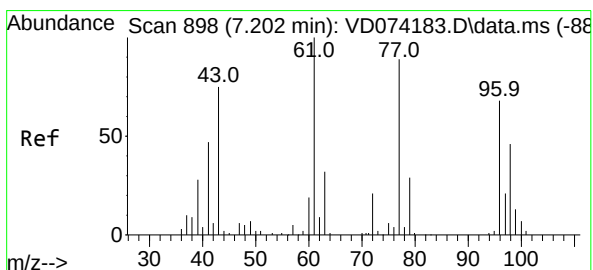
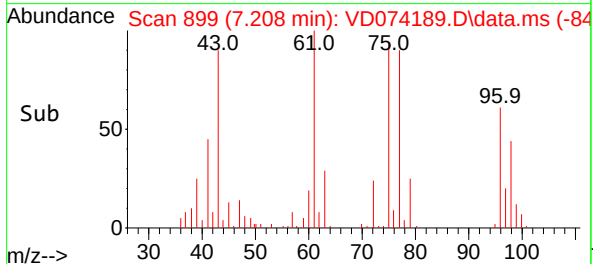
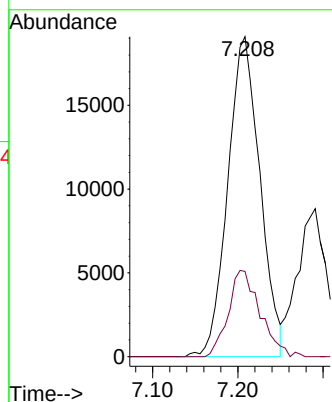
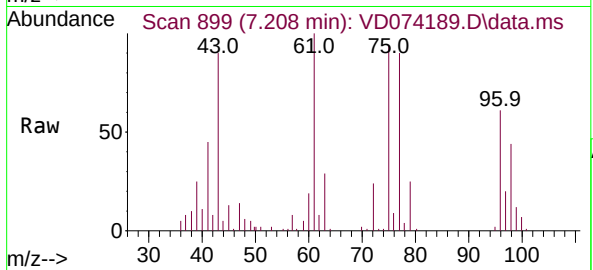




#25
2-Butanone
Concen: 104.319 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

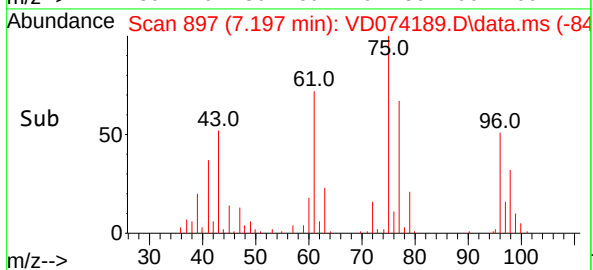
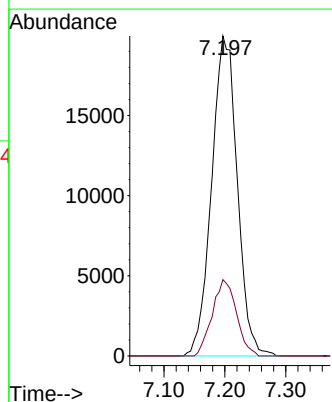
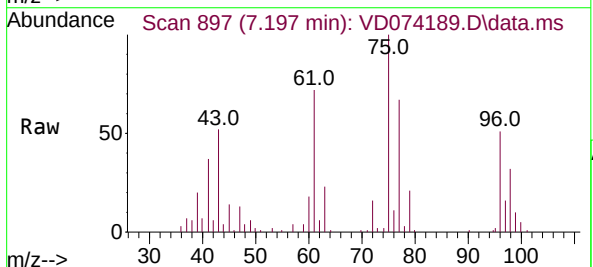
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

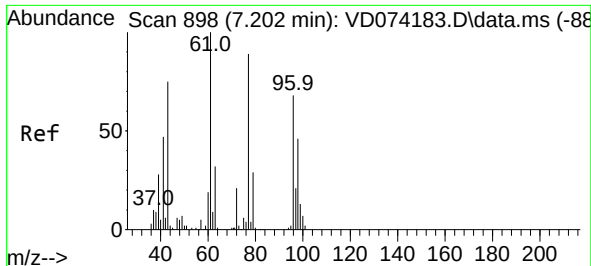
Tgt Ion: 43 Resp: 50060
Ion Ratio Lower Upper
43 100
72 26.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 19.462 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.005 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 77 Resp: 58317
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 19.761 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.001 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS01

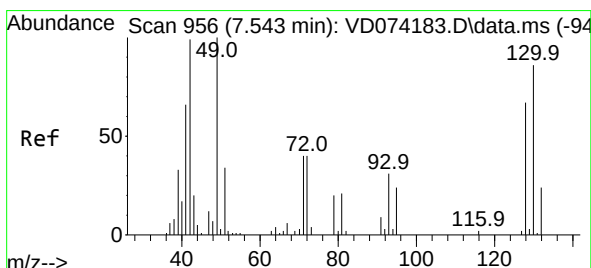
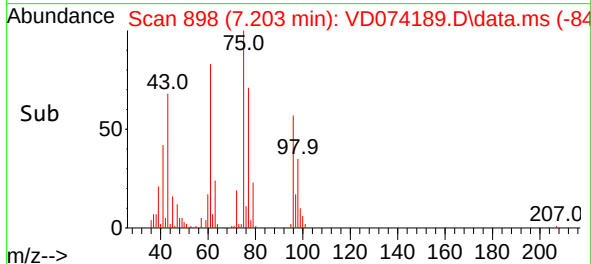
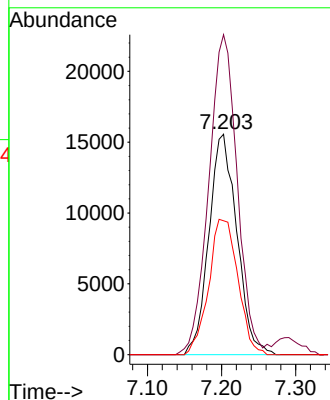
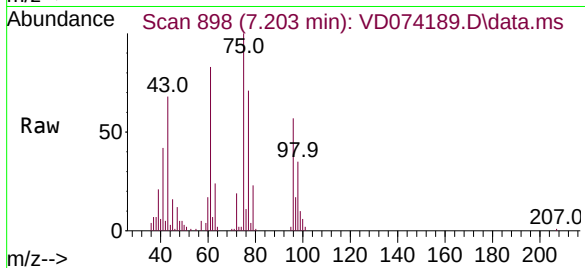
Tgt Ion: 96 Resp: 40795

Ion Ratio Lower Upper

96 100

61 147.4 0.0 313.8

98 64.1 0.0 128.8



#28

Bromochloromethane

Concen: 19.602 ug/l

RT: 7.532 min Scan# 954

Delta R.T. -0.011 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

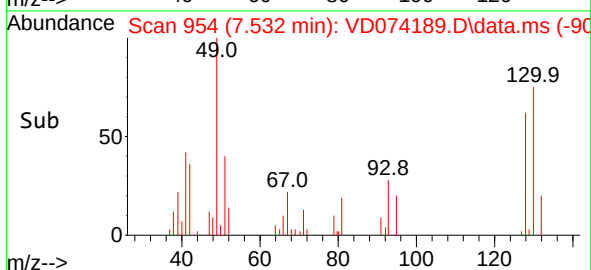
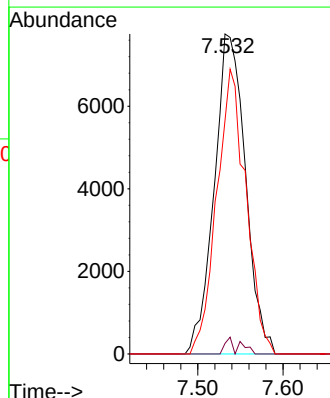
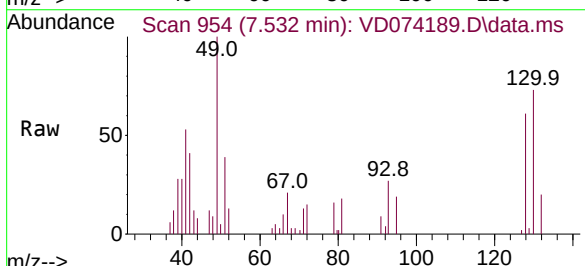
Tgt Ion: 49 Resp: 19704

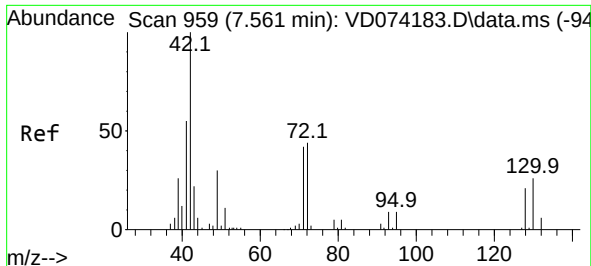
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

130 83.3 52.6 79.0#

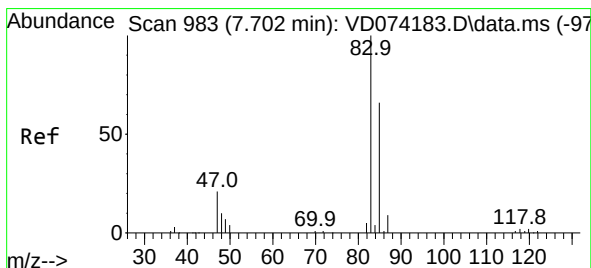
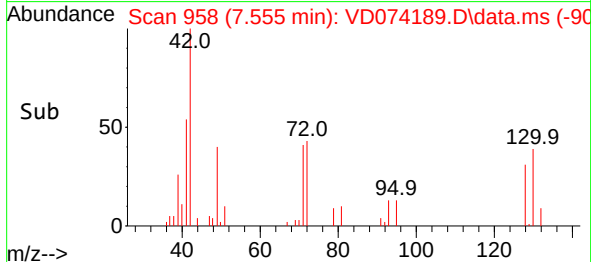
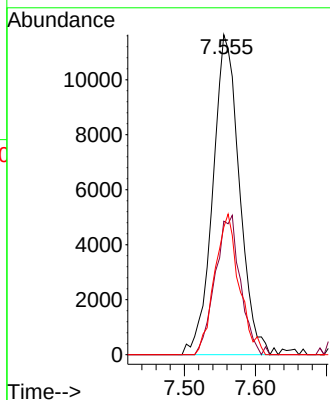
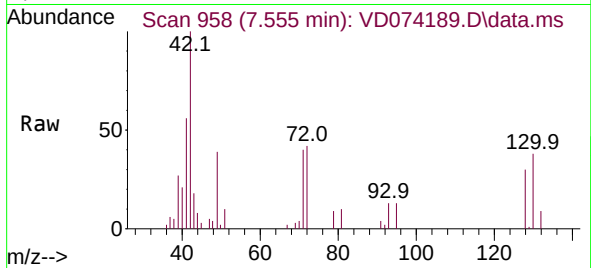




#29
Tetrahydrofuran
Concen: 104.481 ug/l
RT: 7.555 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

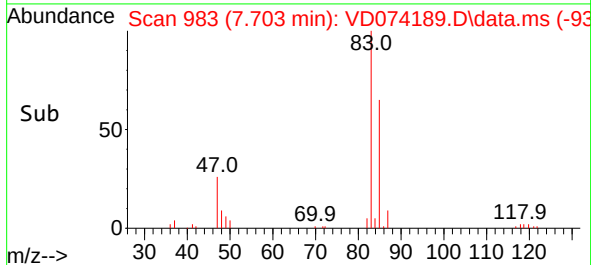
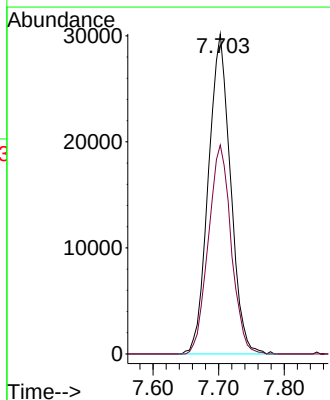
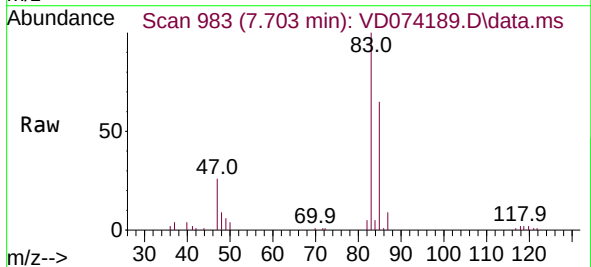
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

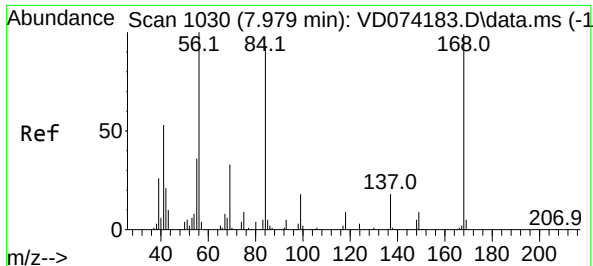
Tgt Ion: 42 Resp: 30258
Ion Ratio Lower Upper
42 100
72 41.2 30.7 46.1
71 40.4 28.6 43.0



#30
Chloroform
Concen: 20.157 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.001 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 83 Resp: 70677
Ion Ratio Lower Upper
83 100
85 65.3 52.7 79.1

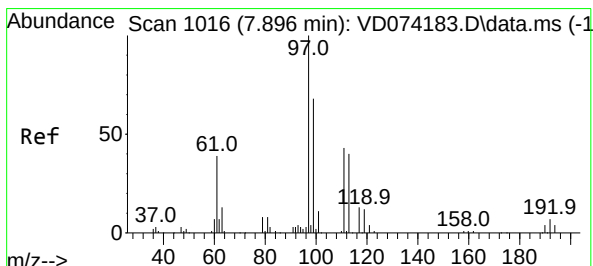
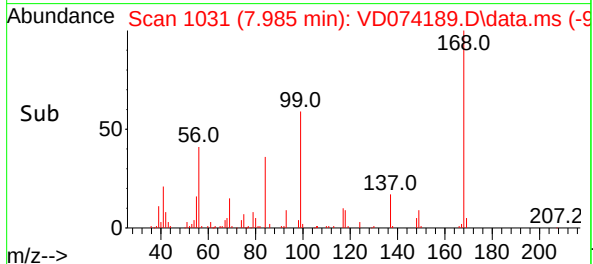
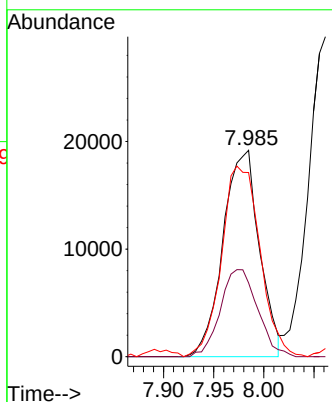
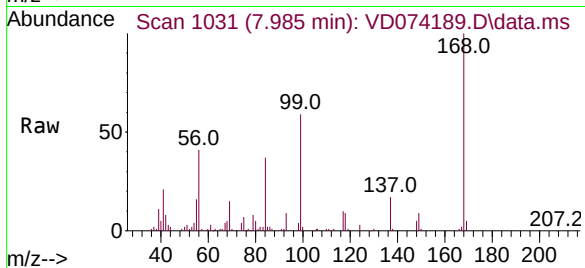




#31
Cyclohexane
Concen: 16.675 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

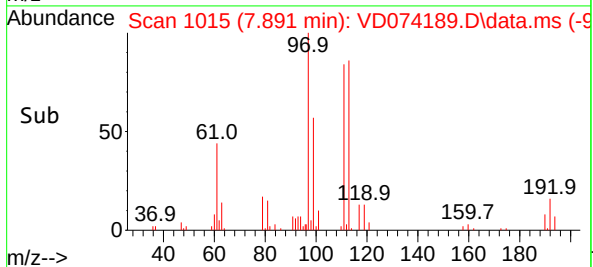
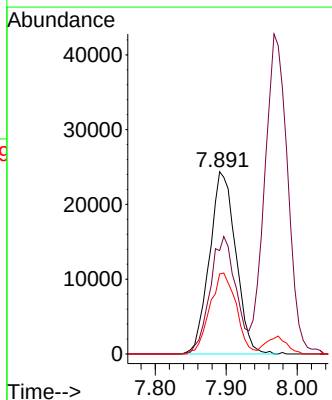
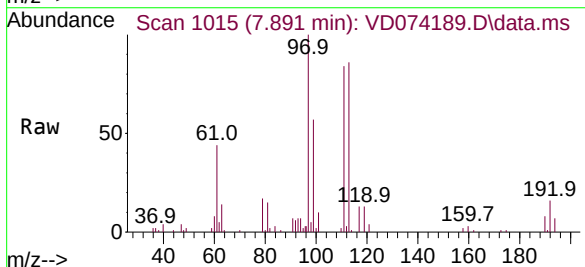
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

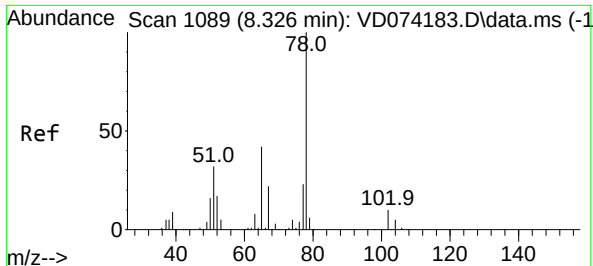
Tgt Ion: 56 Resp: 48292
Ion Ratio Lower Upper
56 100
69 35.7 25.4 38.2
84 87.4 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 19.213 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.005 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 97 Resp: 62425
Ion Ratio Lower Upper
97 100
99 63.8 52.4 78.6
61 44.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 45.676 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

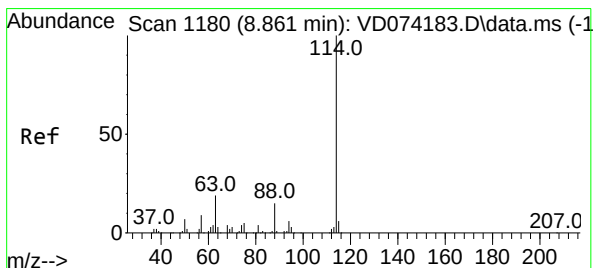
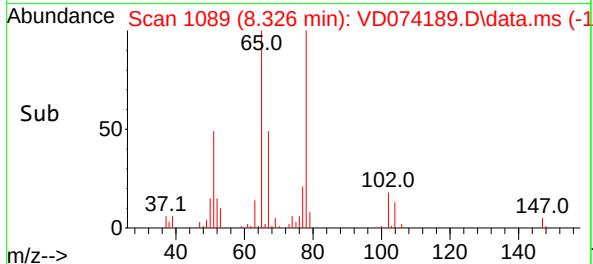
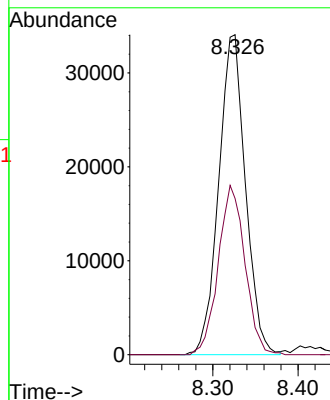
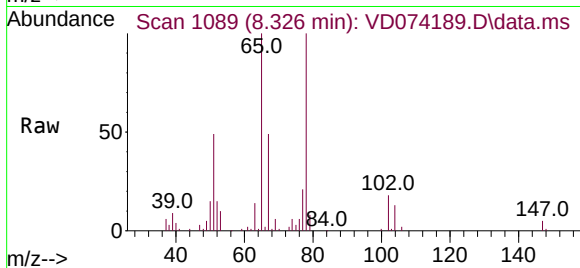
VD0823SBS01

Tgt Ion: 65 Resp: 74317

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

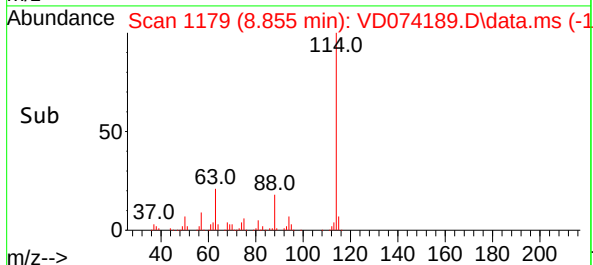
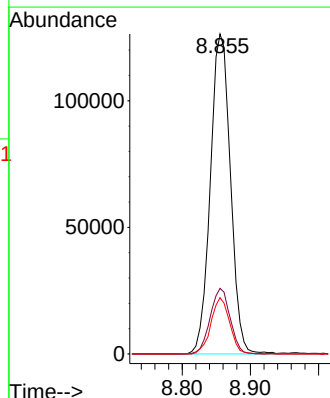
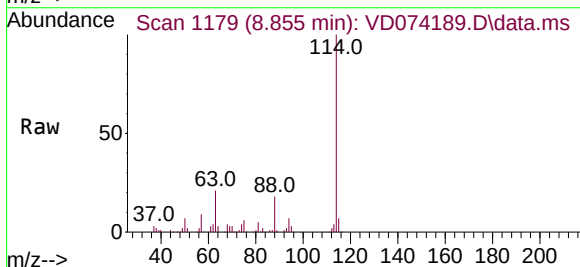
Tgt Ion: 114 Resp: 259725

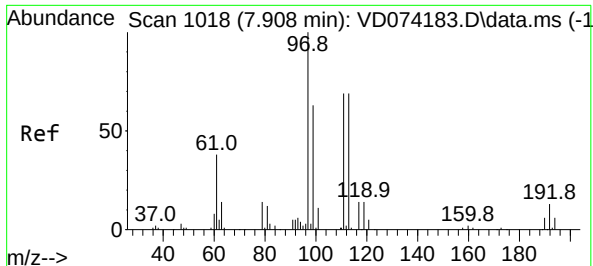
Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 17.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.275 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS01

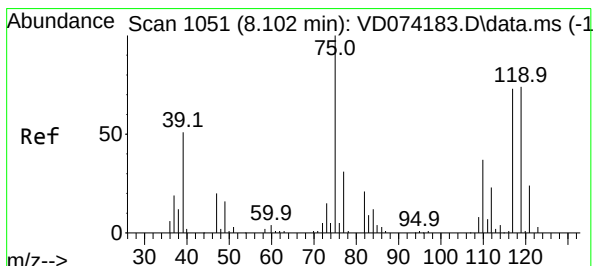
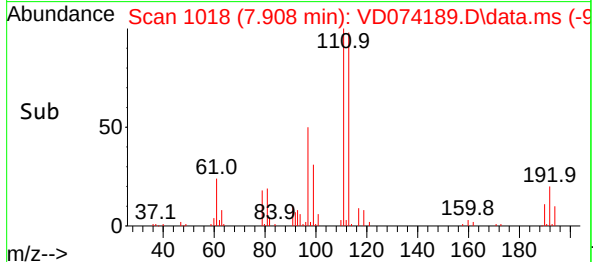
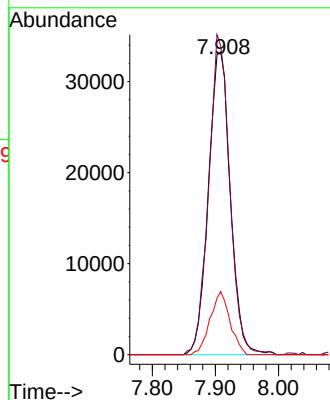
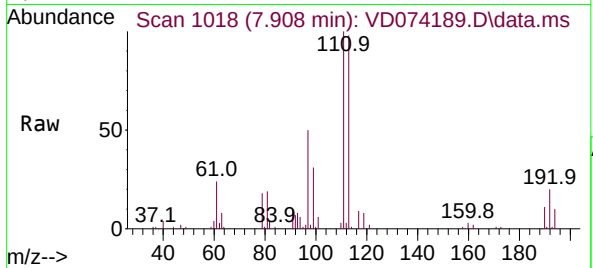
Tgt Ion:113 Resp: 80392

Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 18.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 18.461 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.001 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

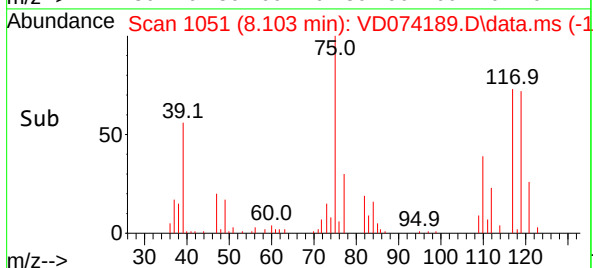
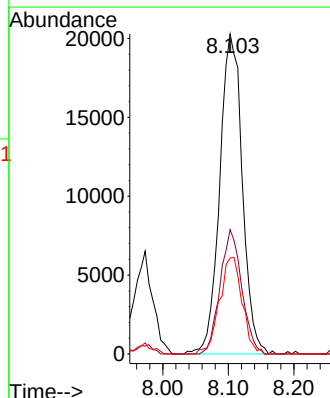
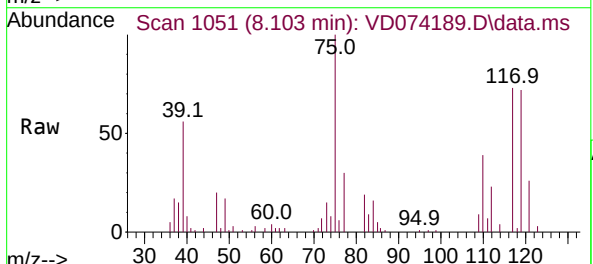
Tgt Ion: 75 Resp: 48473

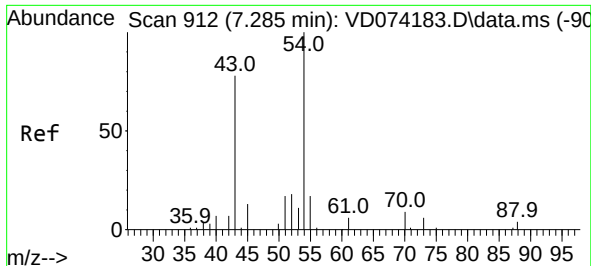
Ion Ratio Lower Upper

75 100

110 37.1 16.4 49.1

77 30.3 24.2 36.2





#37

Ethyl Acetate

Concen: 22.130 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS01

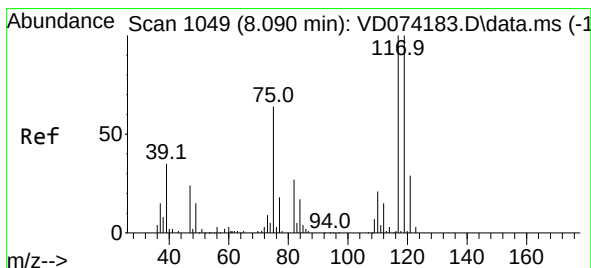
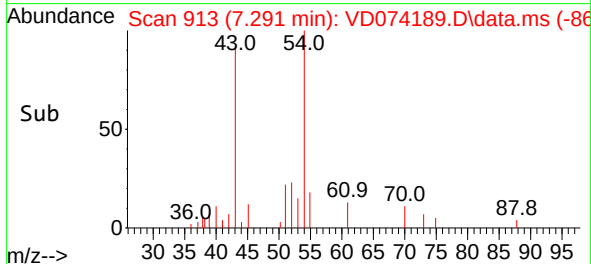
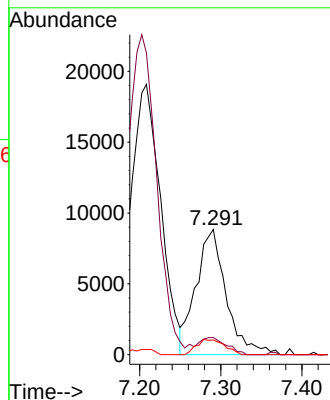
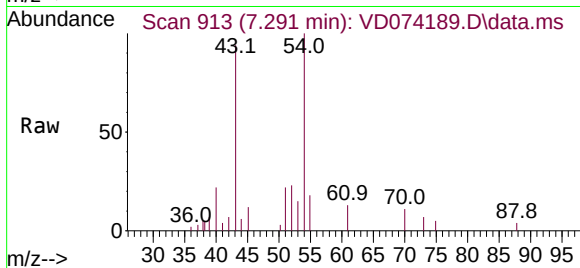
Tgt Ion: 43 Resp: 22911

Ion Ratio Lower Upper

43 100

61 12.0 9.8 14.8

70 11.2 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 18.558 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.001 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

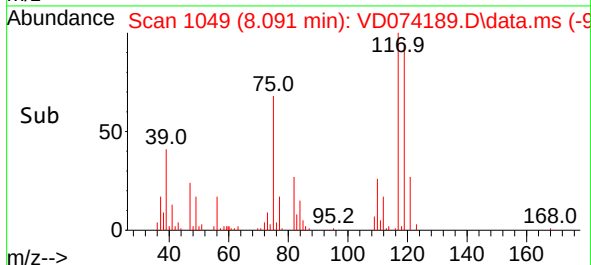
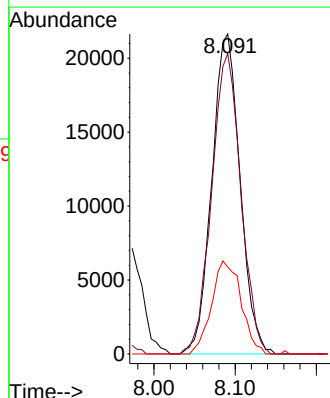
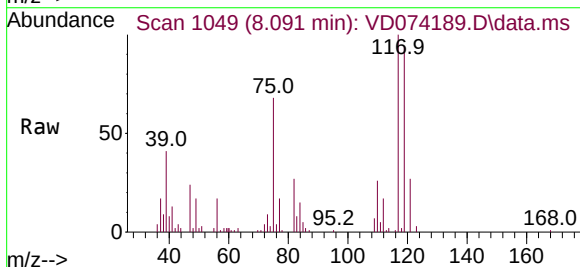
Tgt Ion: 117 Resp: 52347

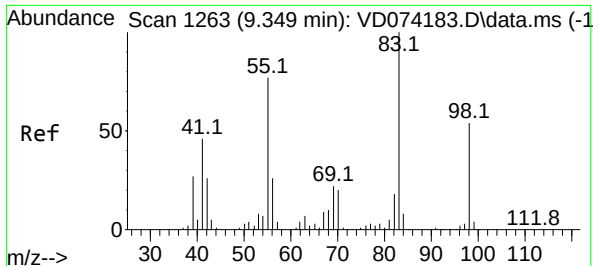
Ion Ratio Lower Upper

117 100

119 93.9 75.8 113.6

121 27.2 24.5 36.7





#39

Methylcyclohexane

Concen: 17.021 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS01

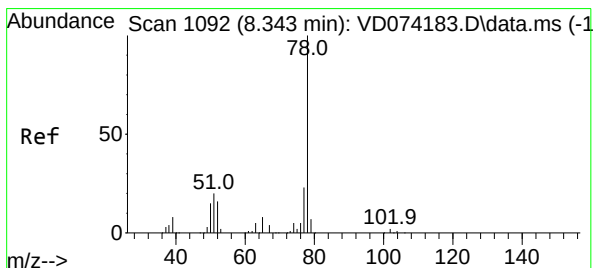
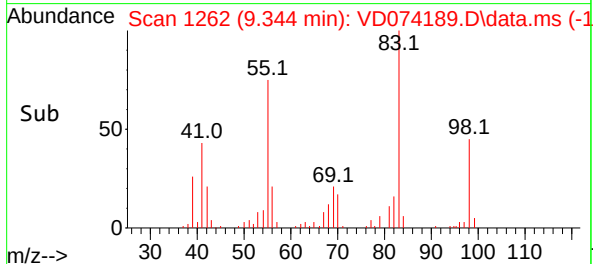
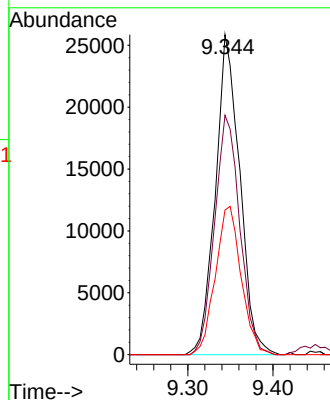
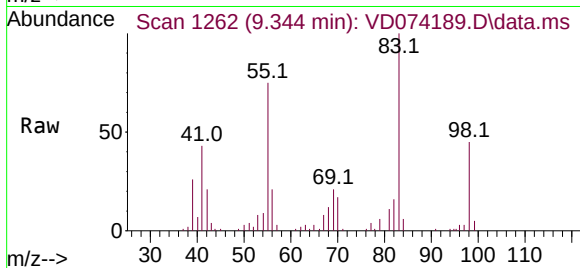
Tgt Ion: 83 Resp: 51388

Ion Ratio Lower Upper

83 100

55 74.8 63.2 94.8

98 45.2 38.2 57.4



#40

Benzene

Concen: 19.049 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.001 min

Lab File: VD074189.D

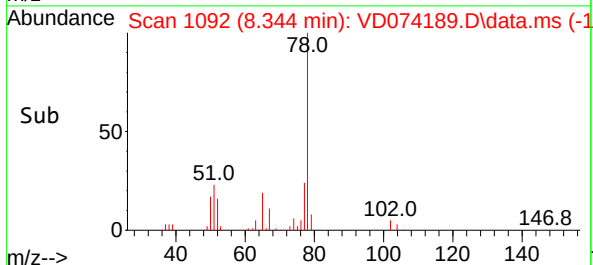
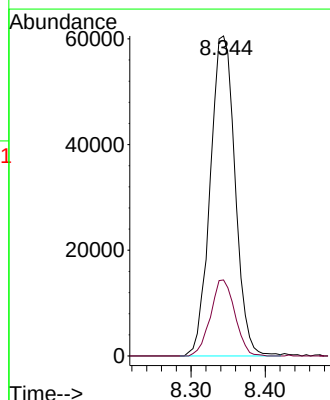
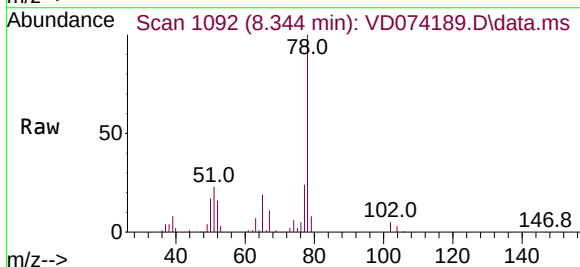
Acq: 23 Aug 2022 17:17

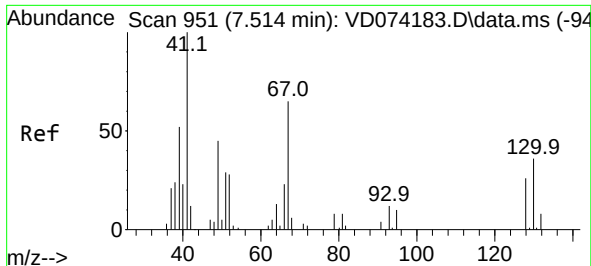
Tgt Ion: 78 Resp: 140989

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7

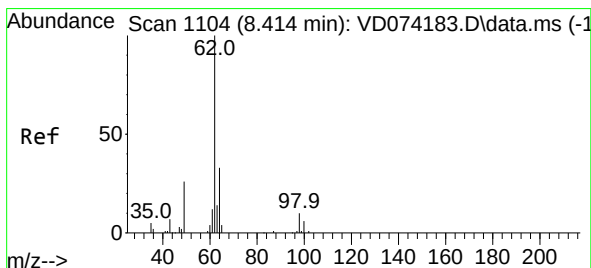
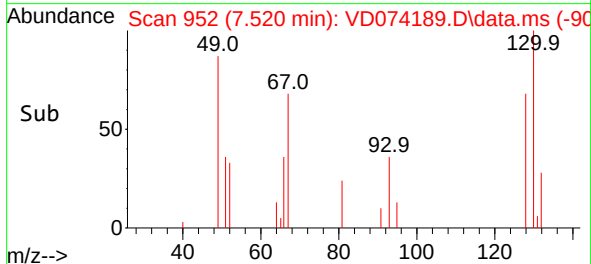
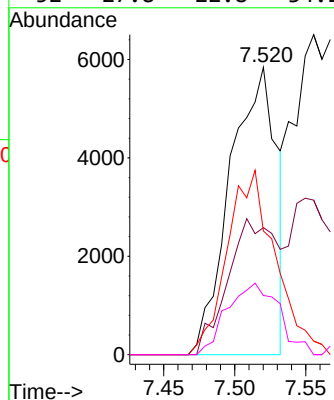
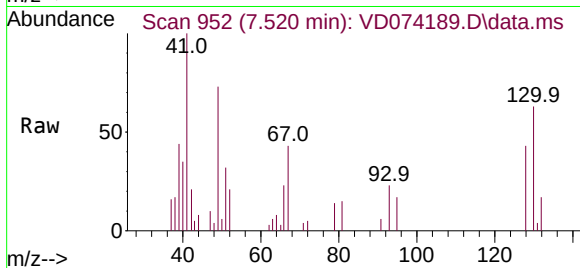




#41
Methacrylonitrile
Concen: 21.298 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

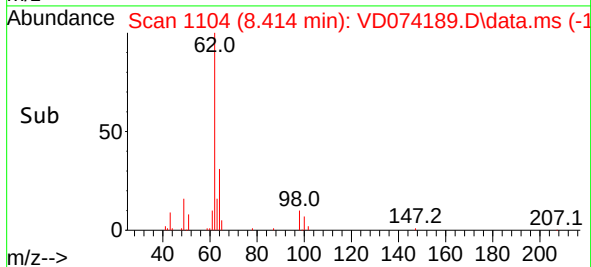
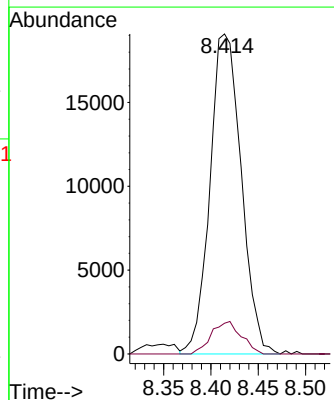
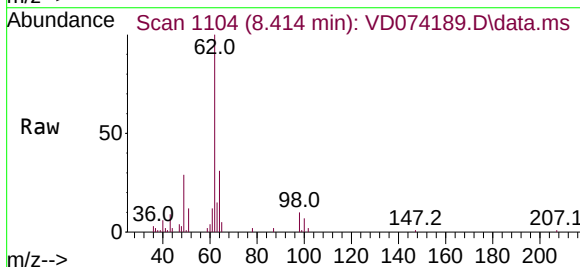
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

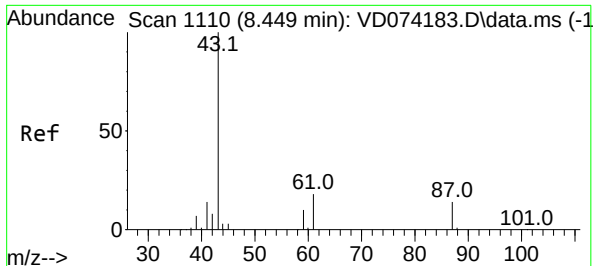
Tgt Ion: 41 Resp: 13254
Ion Ratio Lower Upper
41 100
39 49.6 44.6 67.0
67 66.6 48.2 72.4
52 27.8 22.8 34.2



#42
1,2-Dichloroethane
Concen: 20.130 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 62 Resp: 43918
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.6





#43

Isopropyl Acetate

Concen: 20.099 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS01

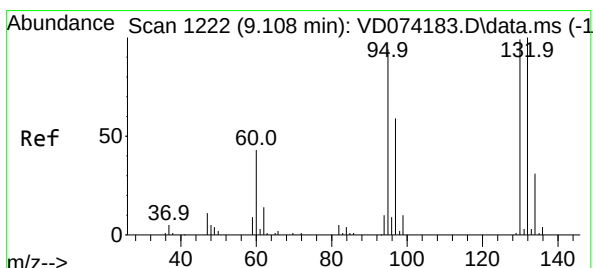
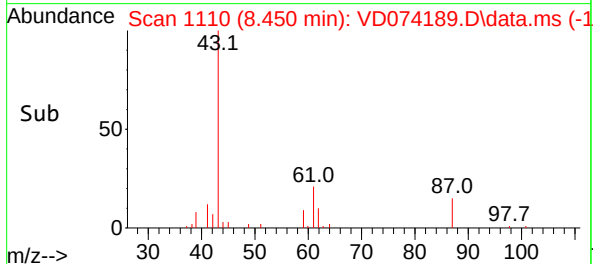
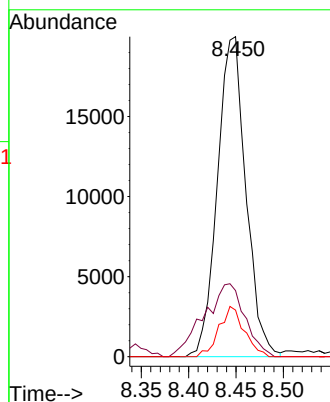
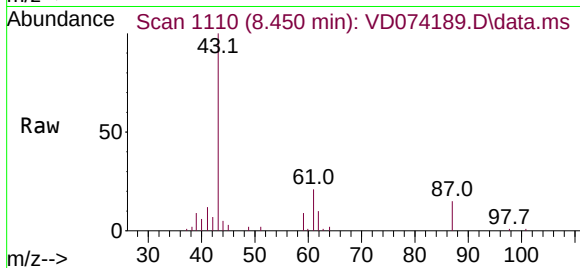
Tgt Ion: 43 Resp: 41855

Ion Ratio Lower Upper

43 100

61 32.7 22.4 33.6

87 13.9 8.7 13.1#



#44

Trichloroethene

Concen: 18.965 ug/l

RT: 9.102 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD074189.D

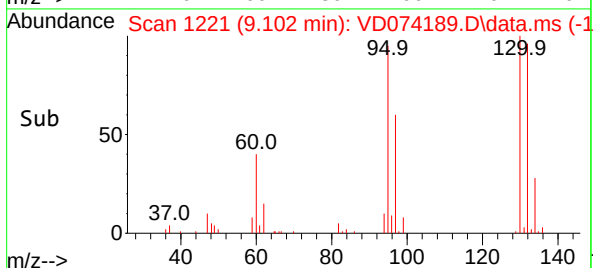
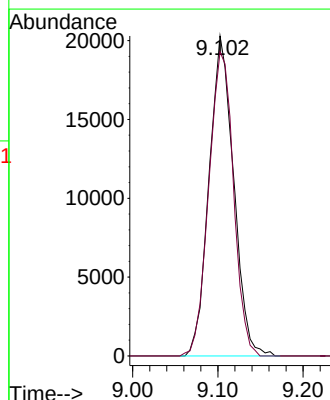
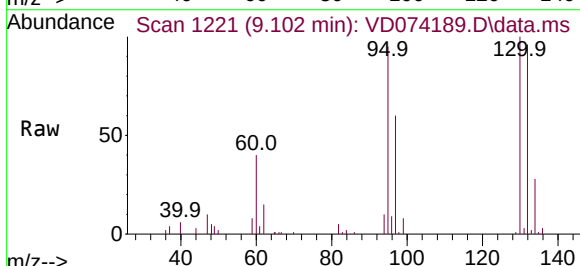
Acq: 23 Aug 2022 17:17

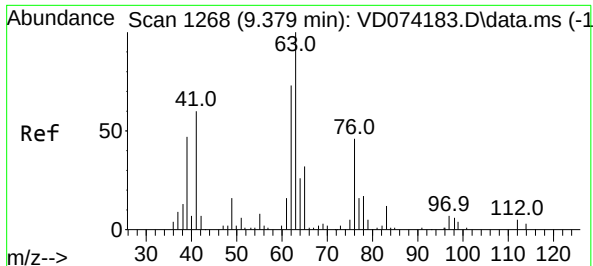
Tgt Ion:130 Resp: 40695

Ion Ratio Lower Upper

130 100

95 95.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.600 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

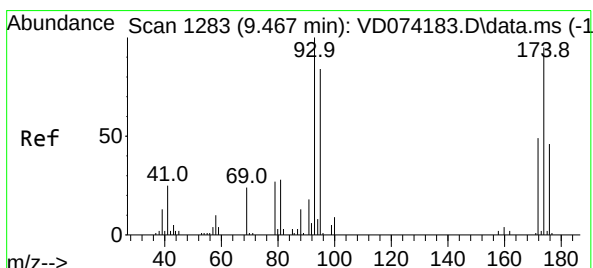
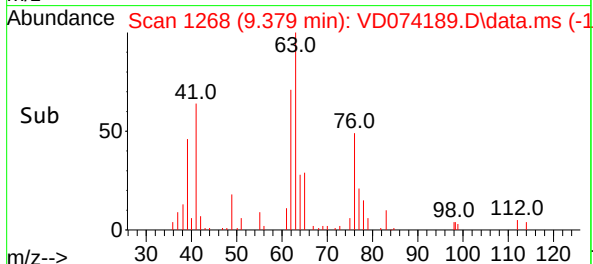
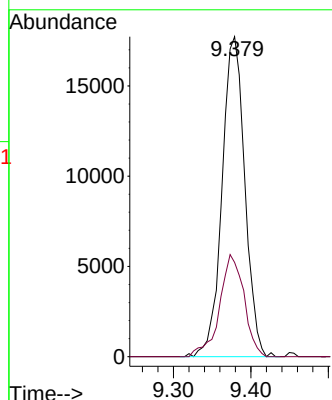
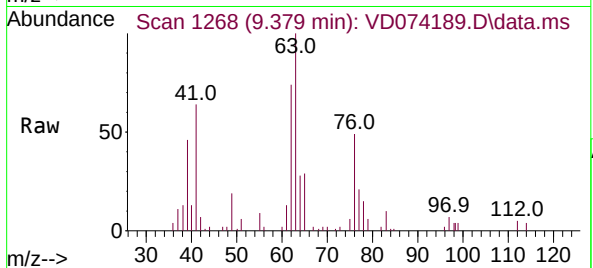
VD0823SBS01

Tgt Ion: 63 Resp: 36212

Ion Ratio Lower Upper

63 100

65 29.4 26.2 39.4



#46

Dibromomethane

Concen: 19.674 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

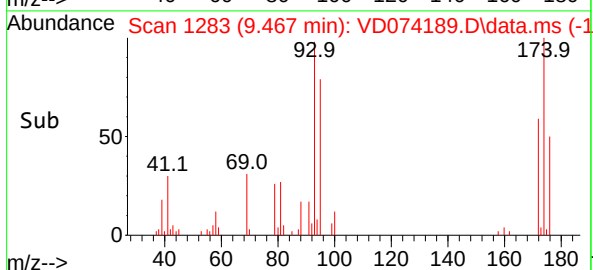
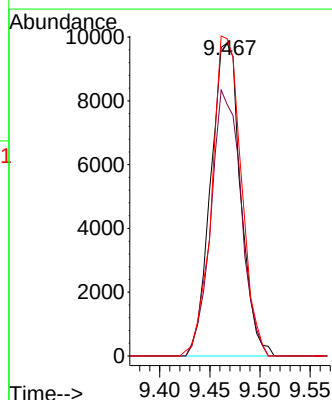
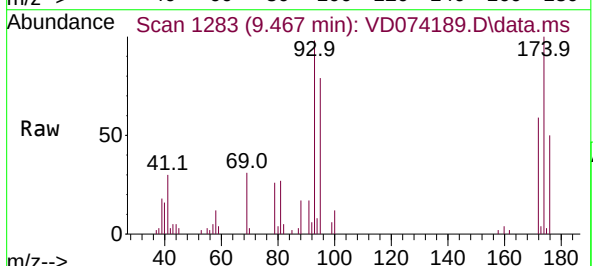
Tgt Ion: 93 Resp: 20279

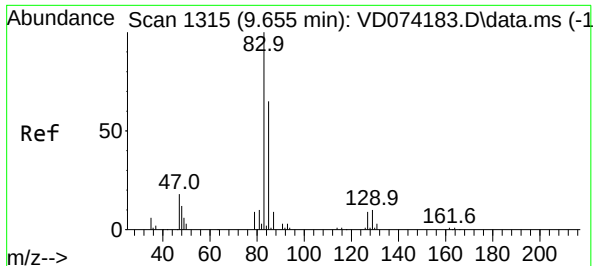
Ion Ratio Lower Upper

93 100

95 85.7 66.7 100.1

174 100.8 71.6 107.4





#47

Bromodichloromethane

Concen: 20.490 ug/l

RT: 9.649 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS01

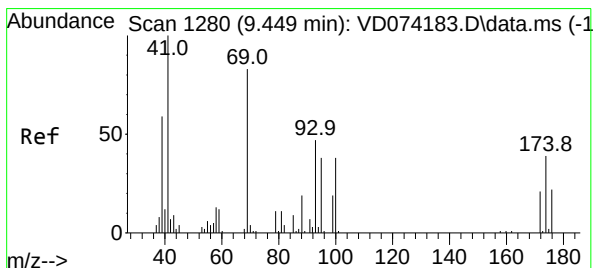
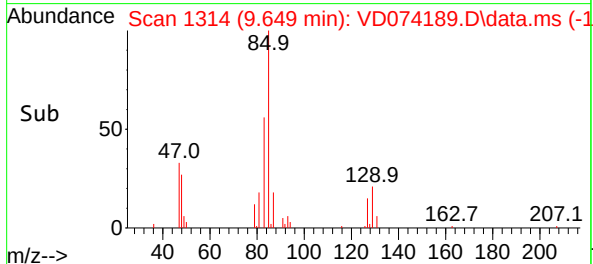
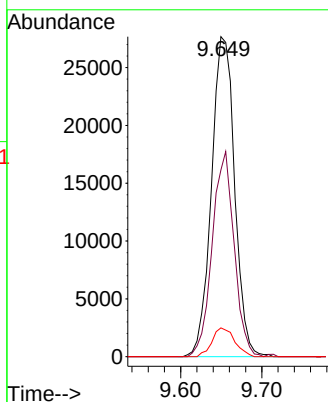
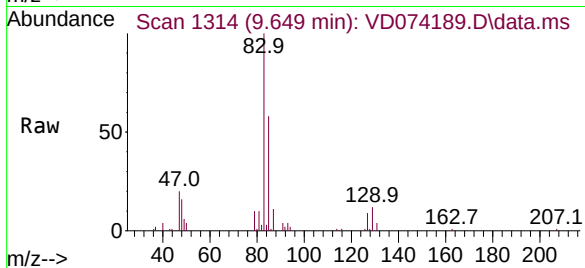
Tgt Ion: 83 Resp: 54934

Ion Ratio Lower Upper

83 100

85 58.4 51.4 77.0

127 9.0 6.1 9.1



#48

Methyl methacrylate

Concen: 19.667 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.001 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

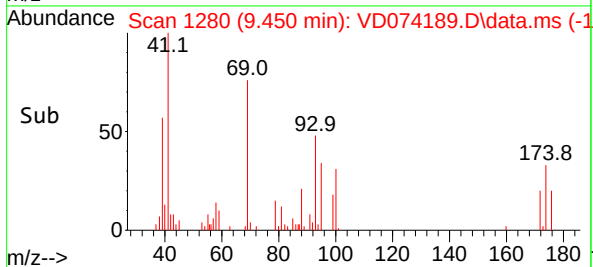
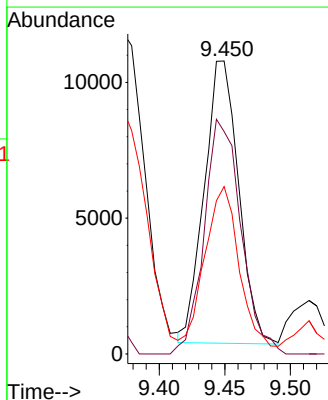
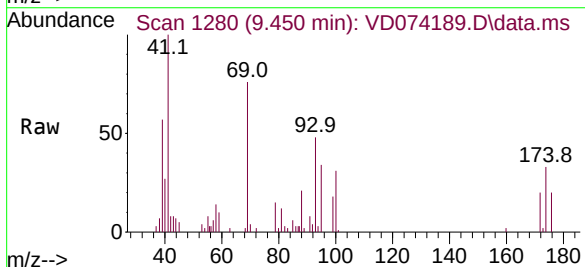
Tgt Ion: 41 Resp: 18934

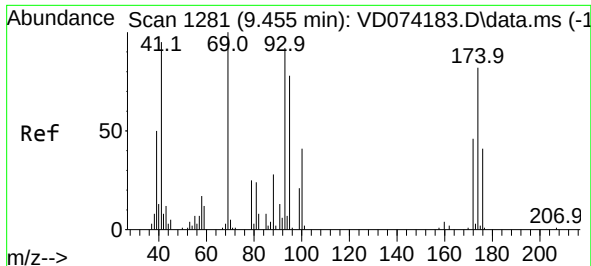
Ion Ratio Lower Upper

41 100

69 89.0 56.7 85.1#

39 62.1 42.7 64.1





#49

1,4-Dioxane

Concen: 398.681 ug/l

RT: 9.450 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS01

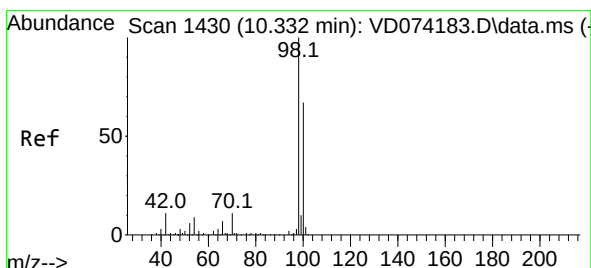
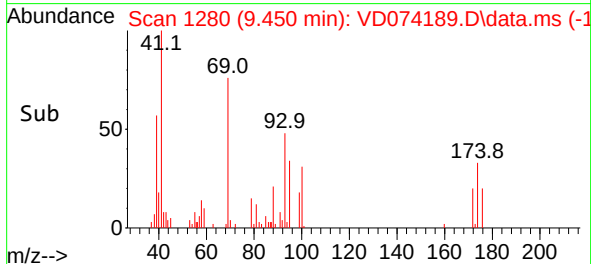
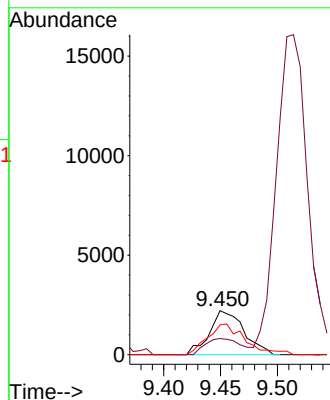
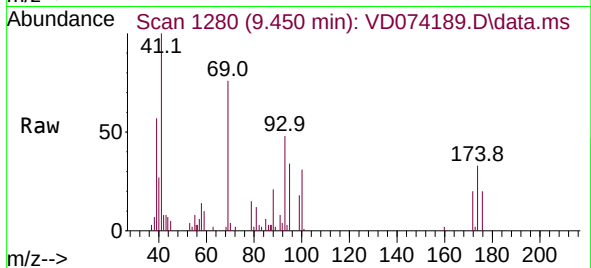
Tgt Ion: 88 Resp: 4663

Ion Ratio Lower Upper

88 100

43 39.3 31.0 46.4

58 75.9 58.1 87.1



#50

Toluene-d8

Concen: 44.641 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074189.D

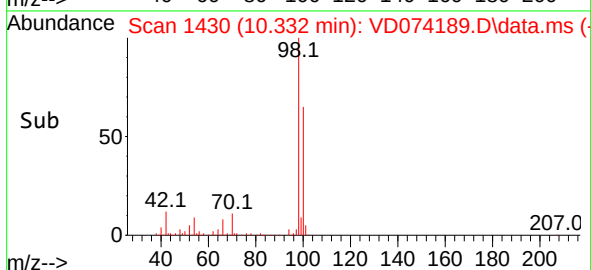
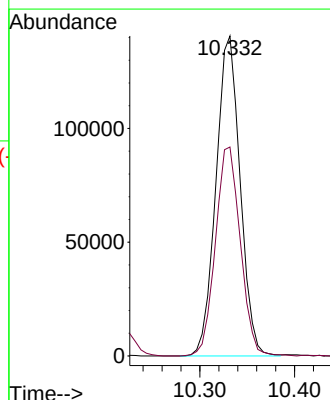
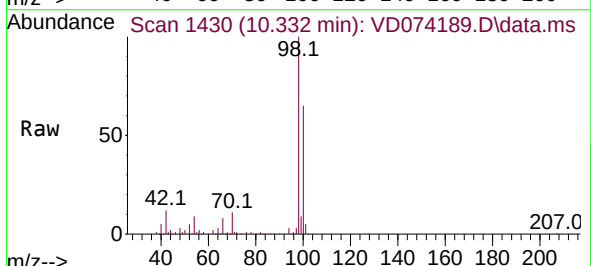
Acq: 23 Aug 2022 17:17

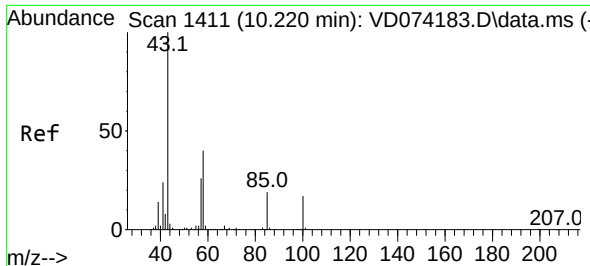
Tgt Ion: 98 Resp: 249599

Ion Ratio Lower Upper

98 100

100 67.2 52.4 78.6

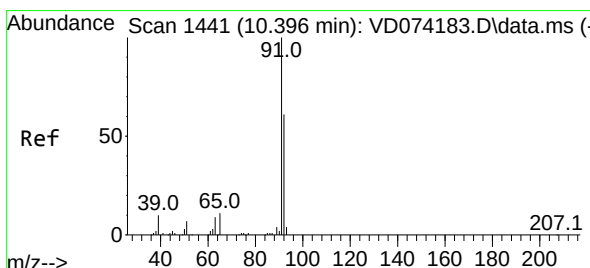
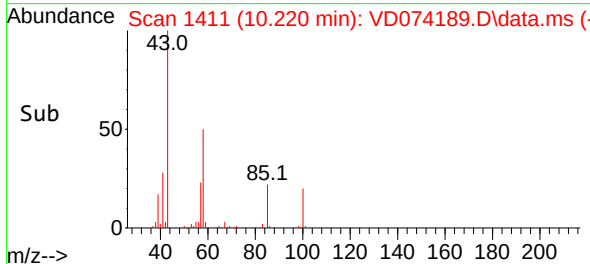
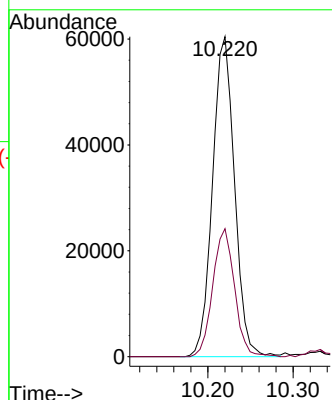
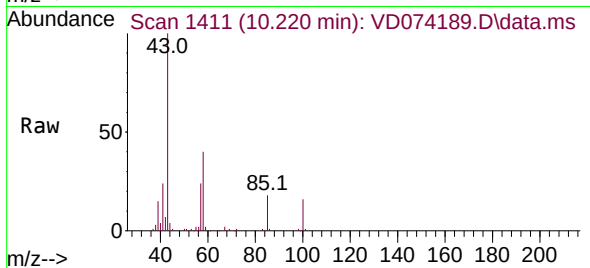




#51
4-Methyl-2-Pentanone
Concen: 104.260 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

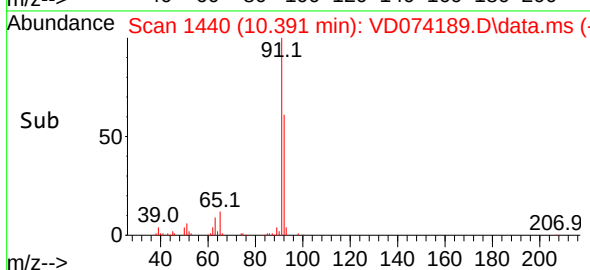
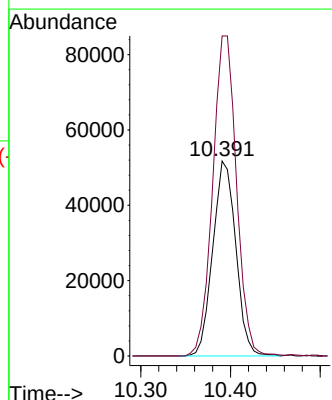
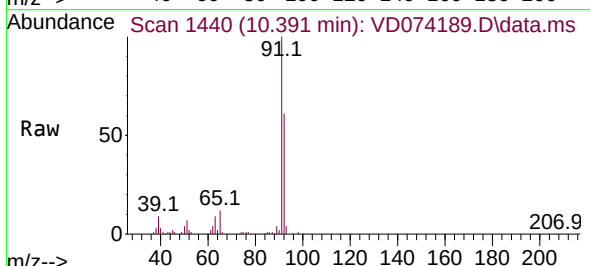
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

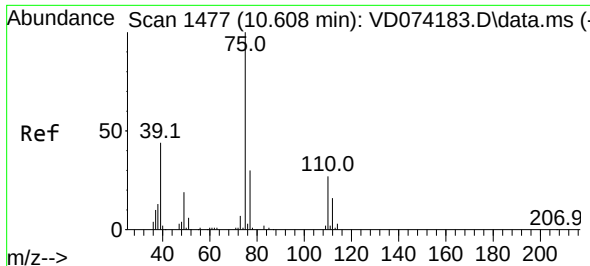
Tgt Ion: 43 Resp: 108471
Ion Ratio Lower Upper
43 100
58 39.6 28.6 43.0



#52
Toluene
Concen: 18.960 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.005 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 92 Resp: 92246
Ion Ratio Lower Upper
92 100
91 169.9 139.6 209.4

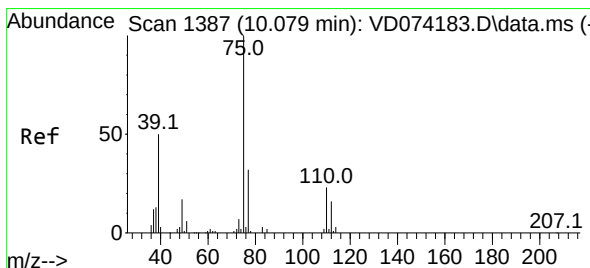
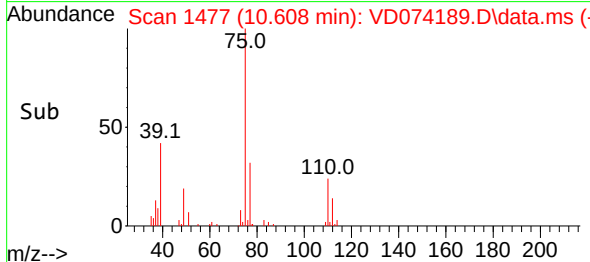
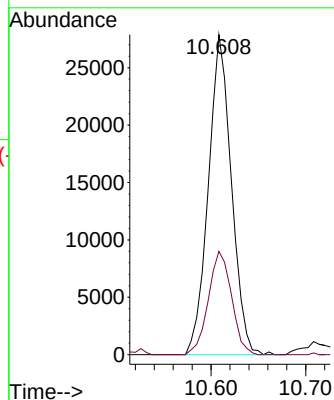
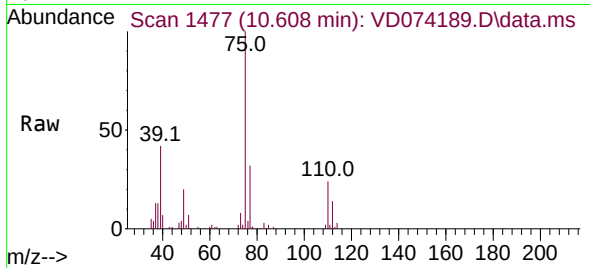




#53
 t-1,3-Dichloropropene
 Concen: 19.378 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. 0.000 min
 Lab File: VD074189.D
 Acq: 23 Aug 2022 17:17

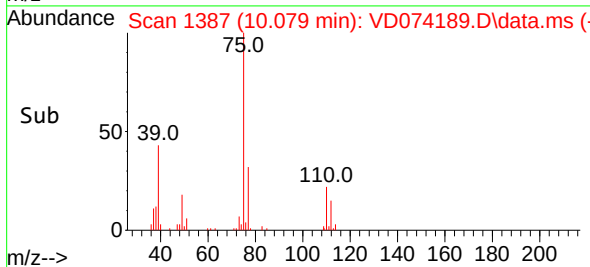
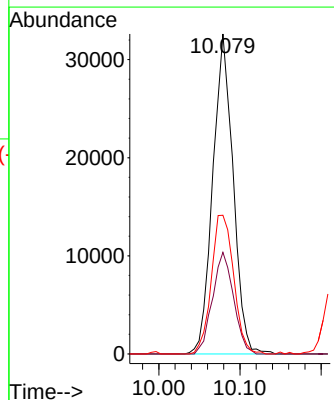
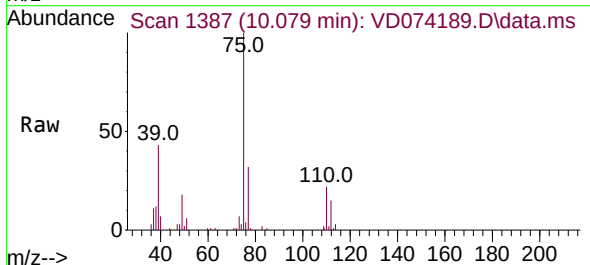
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

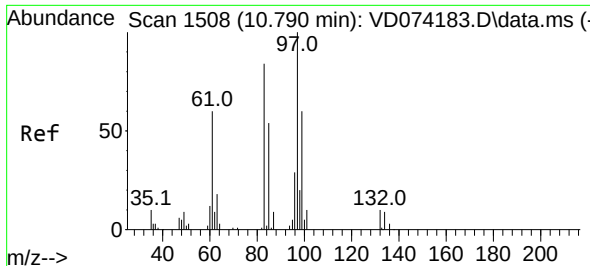
Tgt Ion: 75 Resp: 47114
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.702 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD074189.D
 Acq: 23 Aug 2022 17:17

Tgt Ion: 75 Resp: 56793
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.8 37.2
 39 43.3 46.8 70.2#

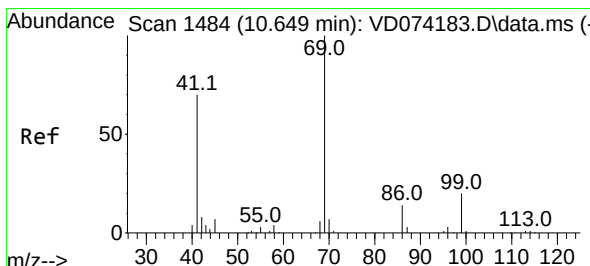
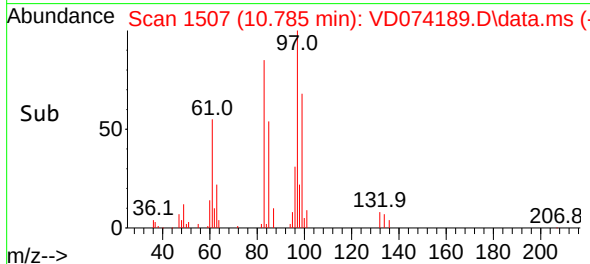
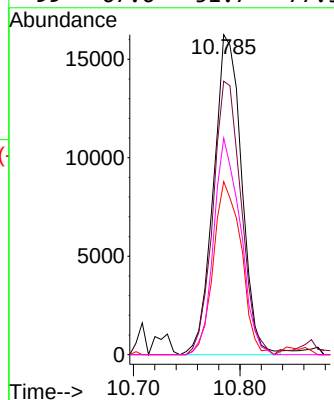
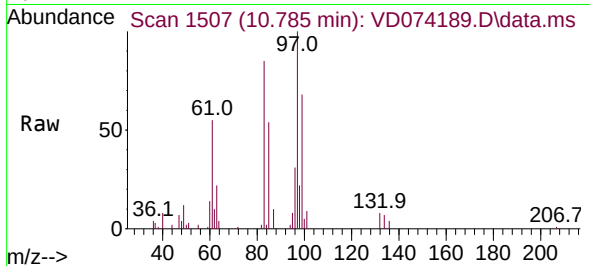




#55
1,1,2-Trichloroethane
Concen: 21.055 ug/l
RT: 10.785 min Scan# 1507
Delta R.T. -0.005 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

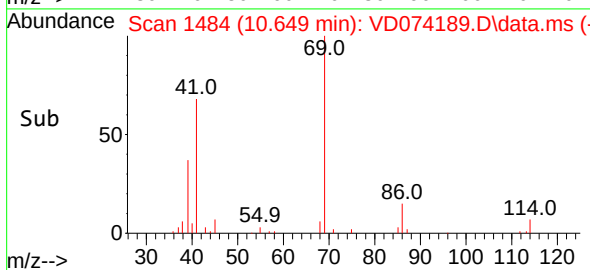
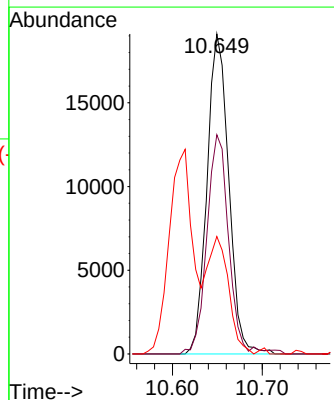
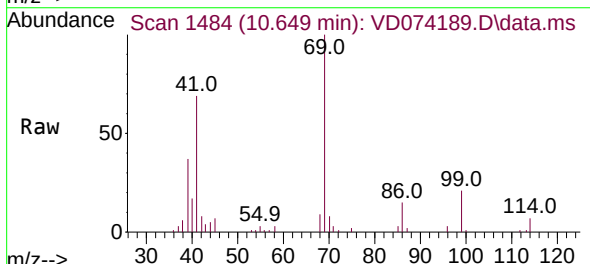
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

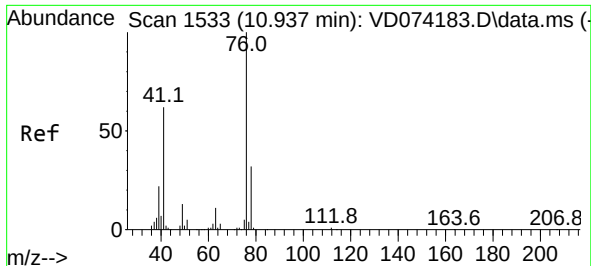
Tgt Ion: 97	Resp: 29682
Ion Ratio	Lower Upper
97 100	
83 85.4	69.0 103.4
85 54.1	42.6 63.8
99 67.6	51.7 77.5



#56
Ethyl methacrylate
Concen: 19.940 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 69	Resp: 32112
Ion Ratio	Lower Upper
69 100	
41 68.4	63.0 94.6
39 36.2	33.8 50.8





#57

1,3-Dichloropropane

Concen: 20.676 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.001 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

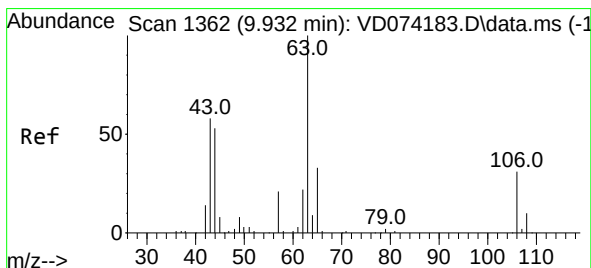
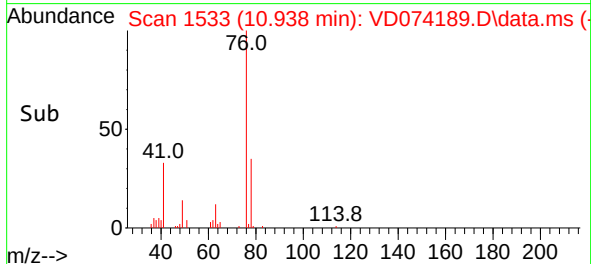
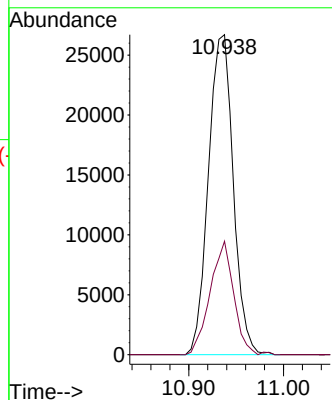
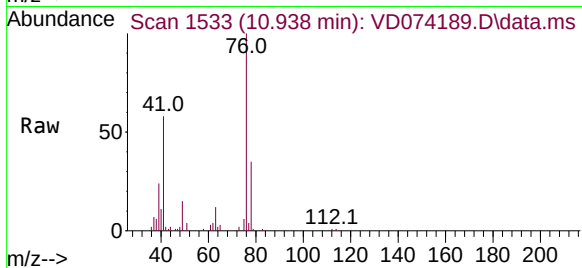
VD0823SBS01

Tgt Ion: 76 Resp: 48709

Ion Ratio Lower Upper

76 100

78 33.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 109.578 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD074189.D

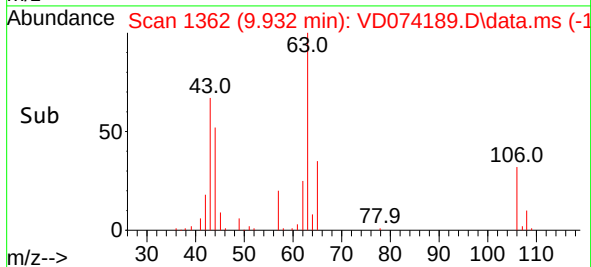
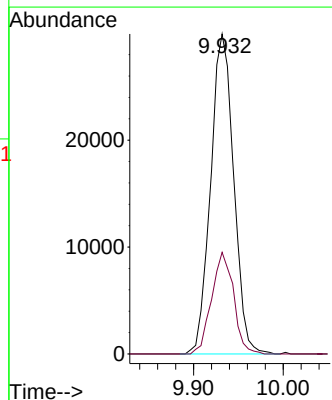
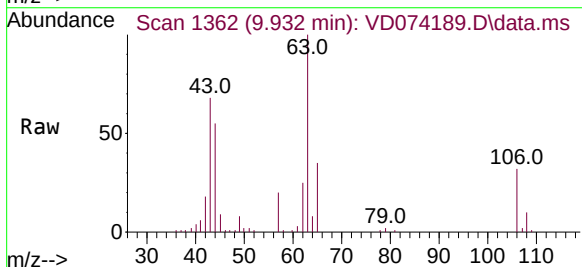
Acq: 23 Aug 2022 17:17

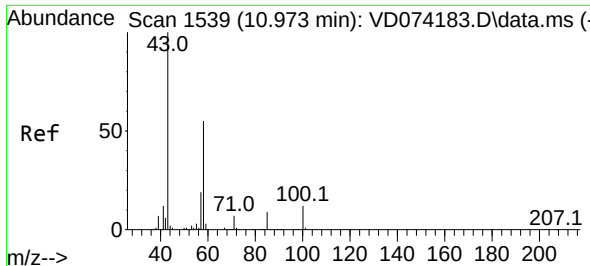
Tgt Ion: 63 Resp: 53417

Ion Ratio Lower Upper

63 100

106 30.3 21.4 32.0

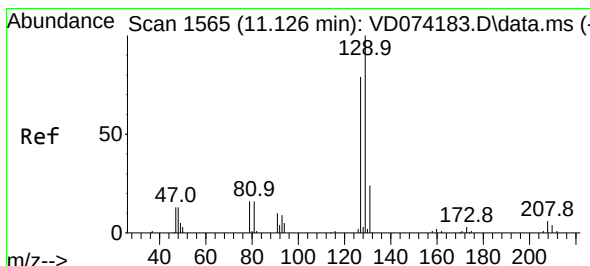
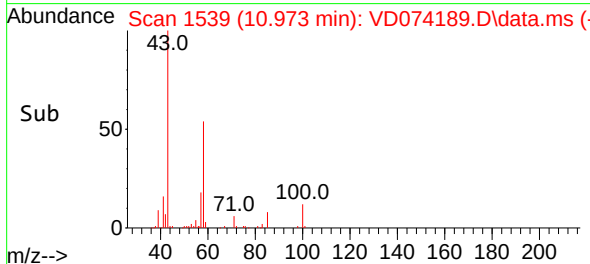
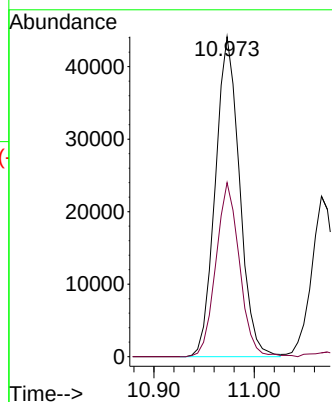
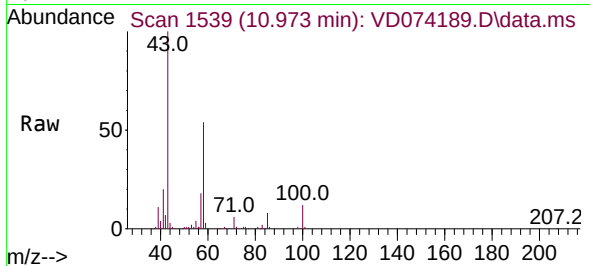




#59
2-Hexanone
Concen: 105.433 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

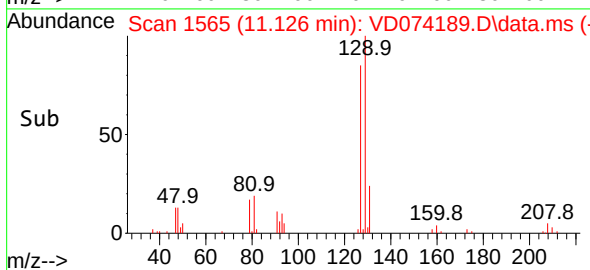
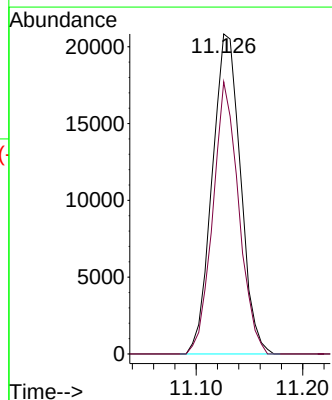
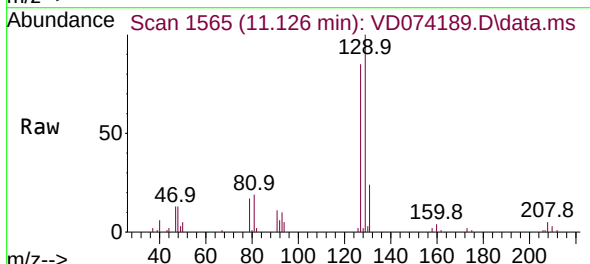
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

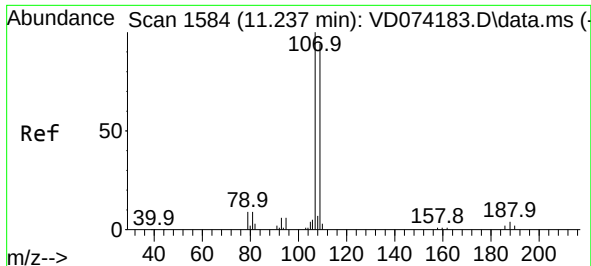
Tgt Ion: 43 Resp: 73958
Ion Ratio Lower Upper
43 100
58 52.8 25.3 75.9



#60
Dibromochloromethane
Concen: 21.020 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 129 Resp: 38483
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

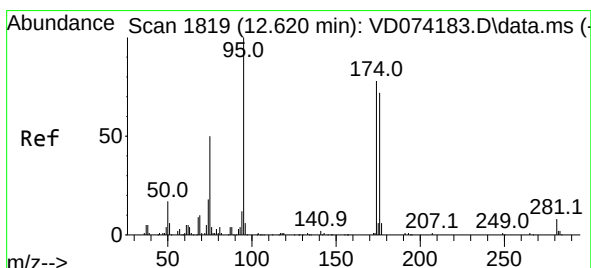
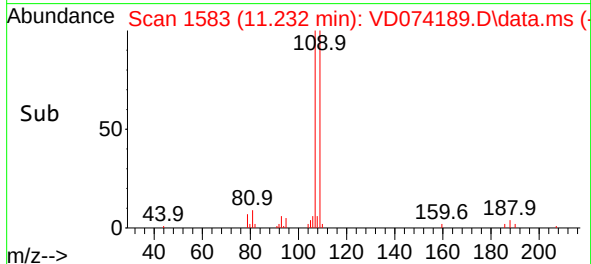
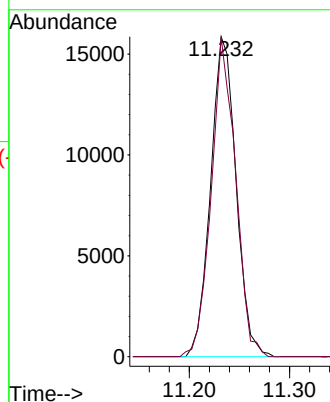
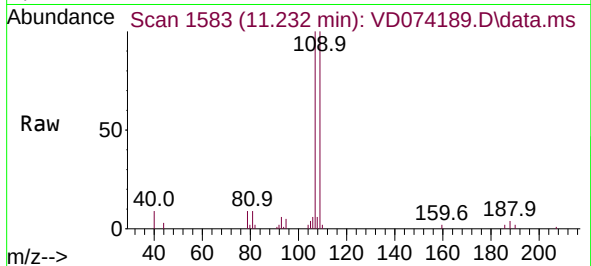




#61
1,2-Dibromoethane
Concen: 20.365 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

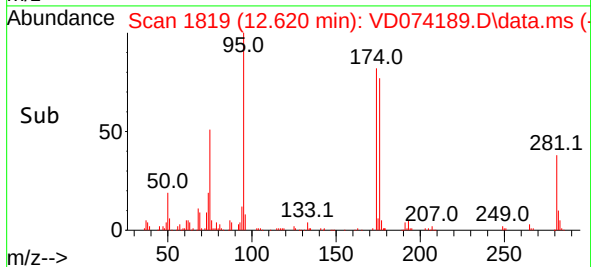
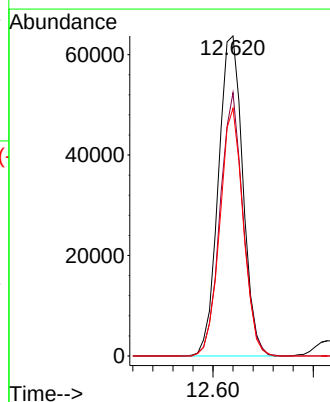
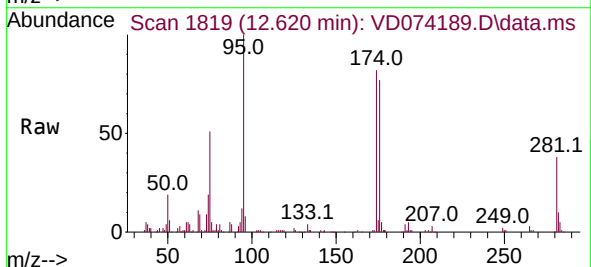
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

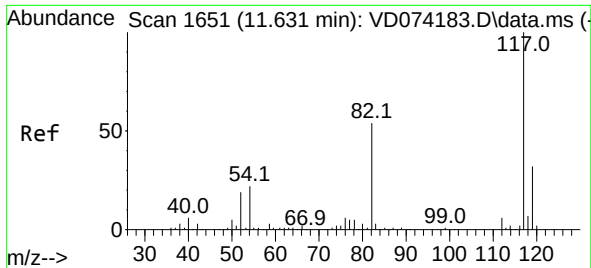
Tgt Ion:107 Resp: 28004
Ion Ratio Lower Upper
107 100
109 95.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.776 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 95 Resp: 107738
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 73.8 0.0 145.4

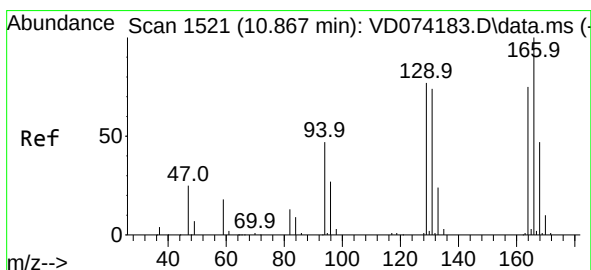
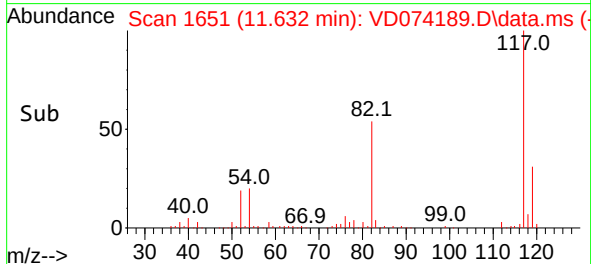
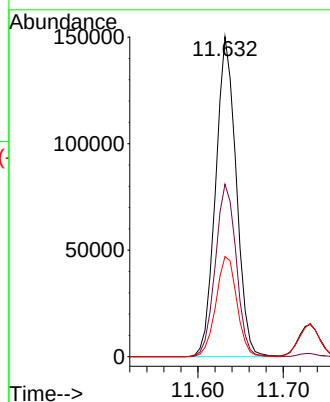
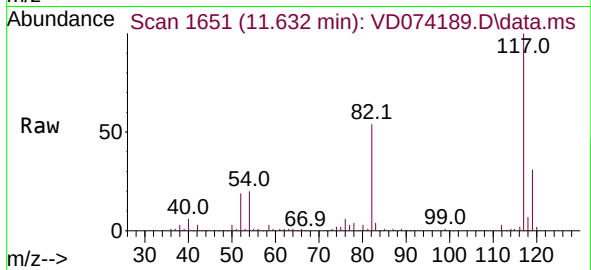




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

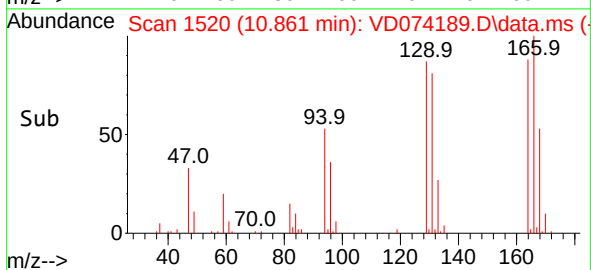
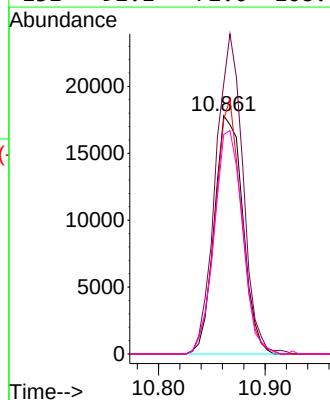
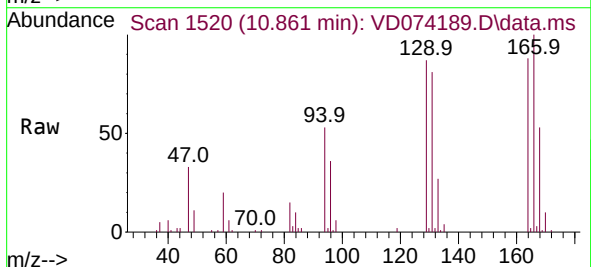
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

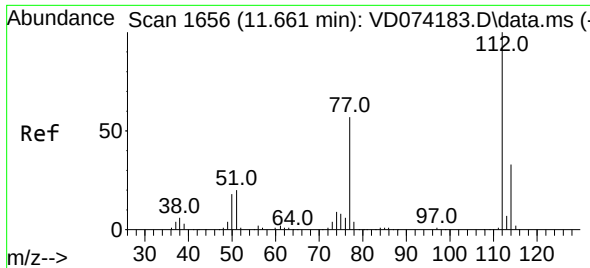
Tgt Ion:117 Resp: 251780
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 31.3 26.6 40.0



#64
Tetrachloroethene
Concen: 18.020 ug/l
RT: 10.861 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion:164 Resp: 33109
Ion Ratio Lower Upper
164 100
166 113.4 98.5 147.7
129 98.3 74.6 111.8
131 92.1 72.0 108.0

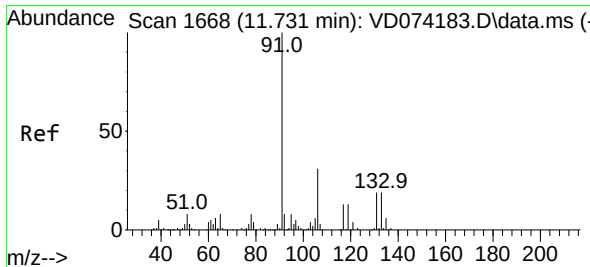
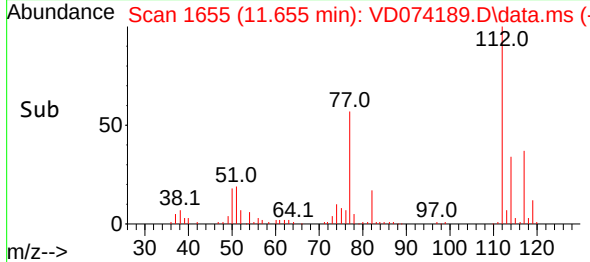
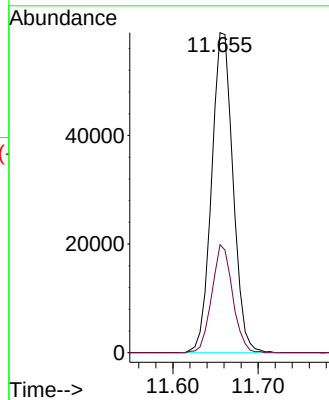
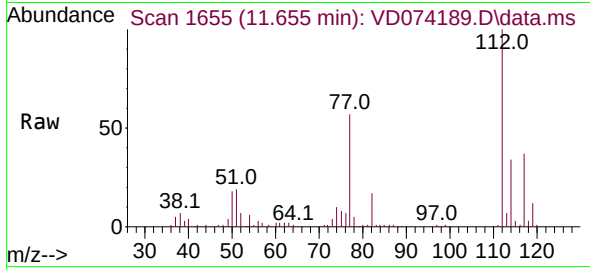




#65
Chlorobenzene
Concen: 18.725 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

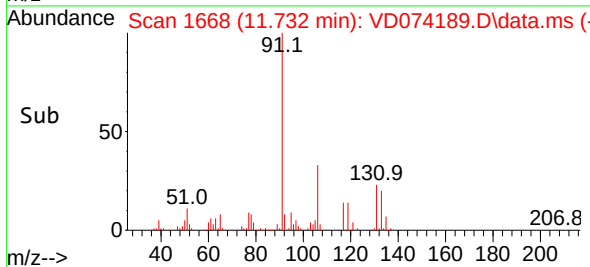
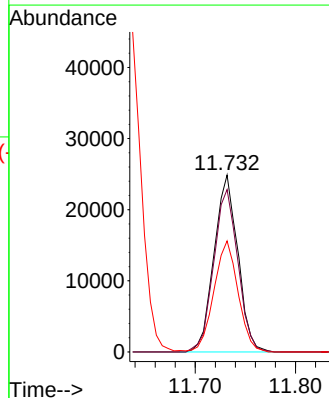
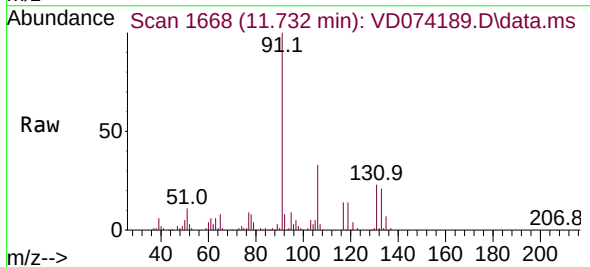
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

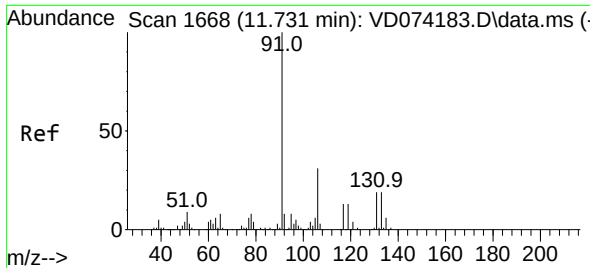
Tgt Ion:112 Resp: 102750
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.838 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion:131 Resp: 40926
Ion Ratio Lower Upper
131 100
133 93.2 48.1 144.3
119 63.7 31.9 95.9

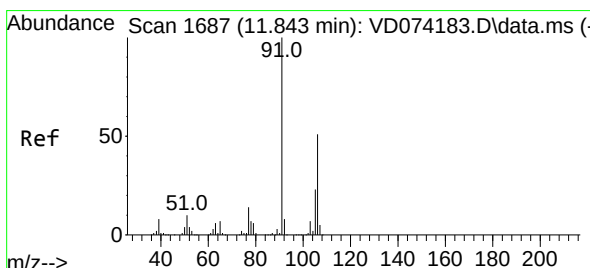
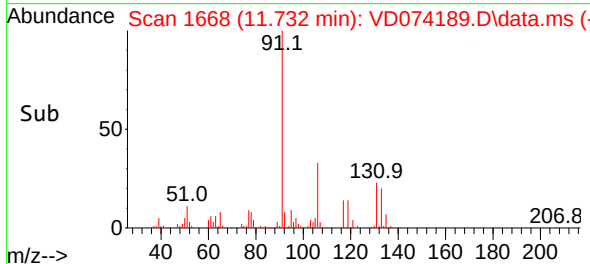
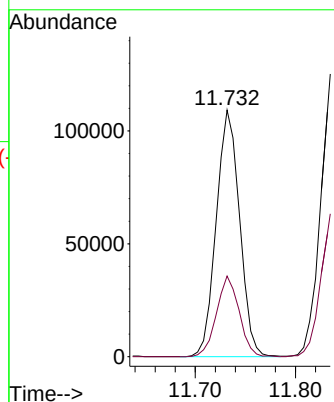
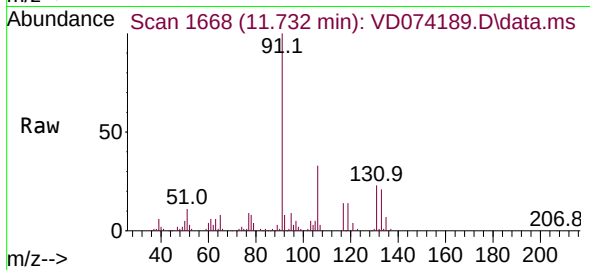




#67
Ethyl Benzene
Concen: 18.772 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

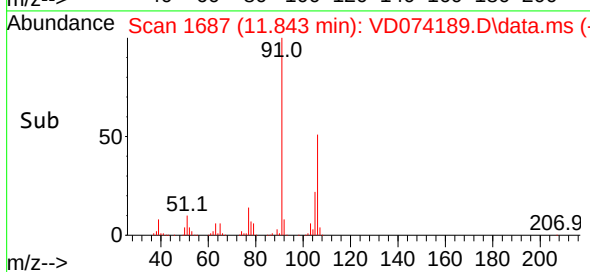
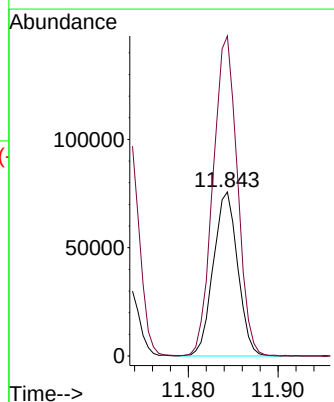
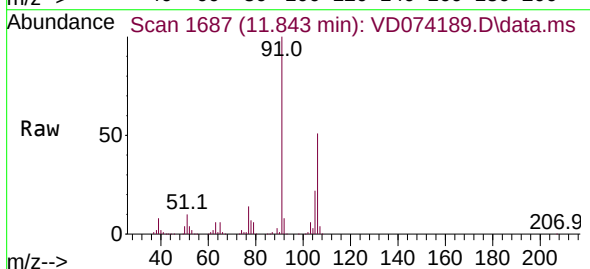
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

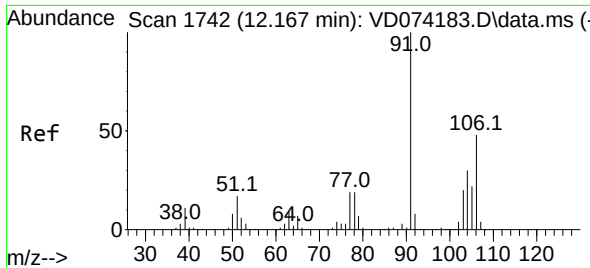
Tgt Ion: 91 Resp: 176296
Ion Ratio Lower Upper
91 100
106 32.7 24.2 36.4



#68
m/p-Xylenes
Concen: 38.160 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion:106 Resp: 142737
Ion Ratio Lower Upper
106 100
91 195.5 163.7 245.5

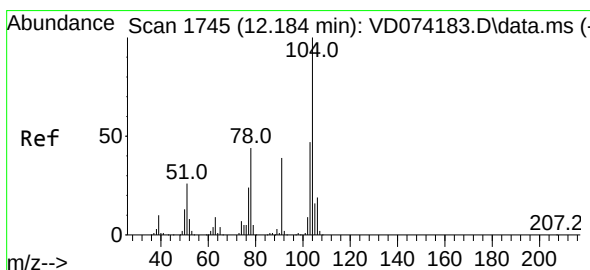
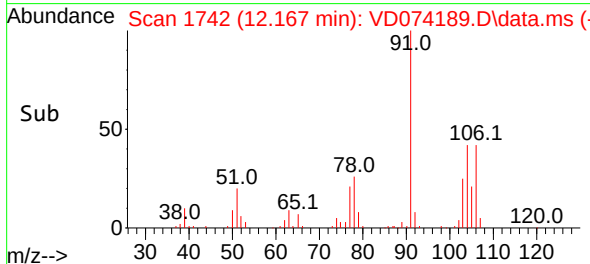
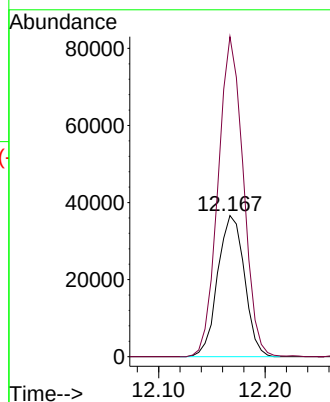
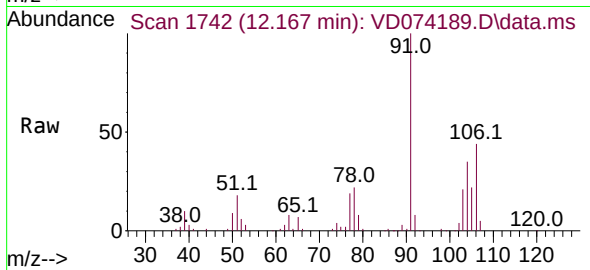




#69
o-Xylene
Concen: 18.506 ug/l
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

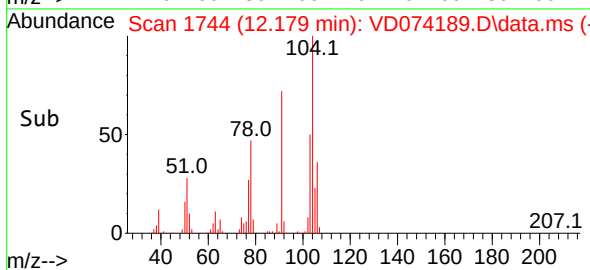
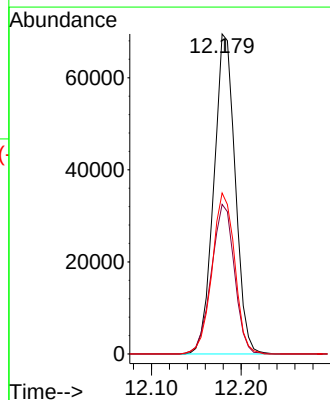
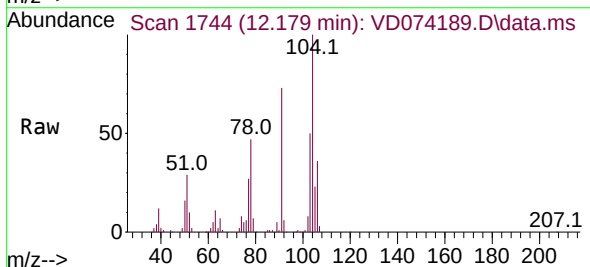
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

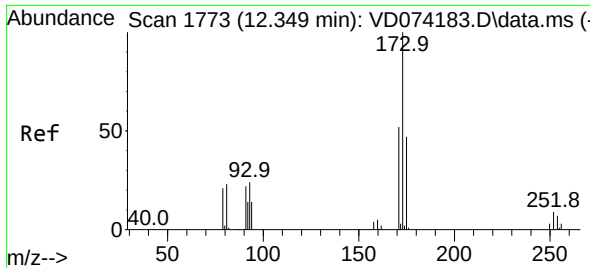
Tgt Ion:106 Resp: 63872
Ion Ratio Lower Upper
106 100
91 214.3 110.4 331.2



#70
Styrene
Concen: 19.437 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.005 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion:104 Resp: 115016
Ion Ratio Lower Upper
104 100
78 50.4 41.8 62.8
103 53.3 44.2 66.4

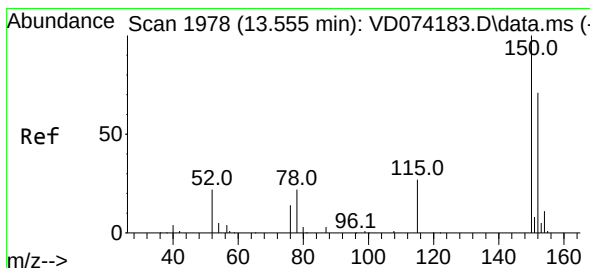
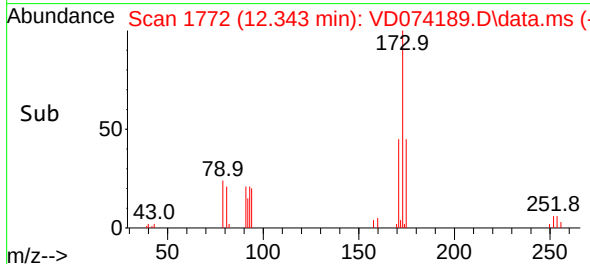
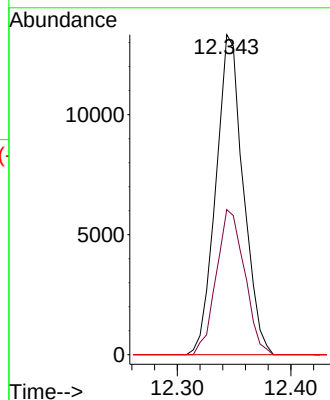
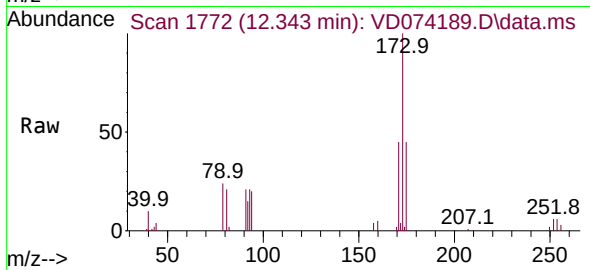




#71
Bromoform
Concen: 19.886 ug/l
RT: 12.343 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

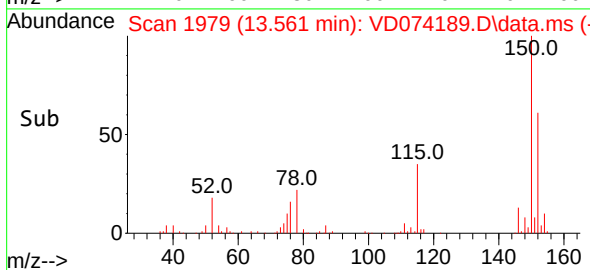
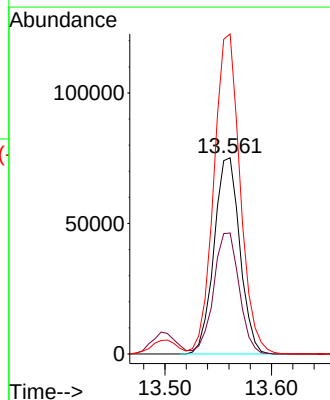
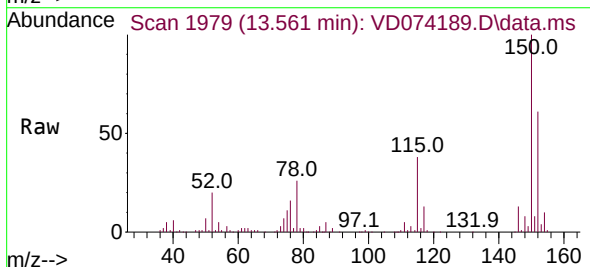
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

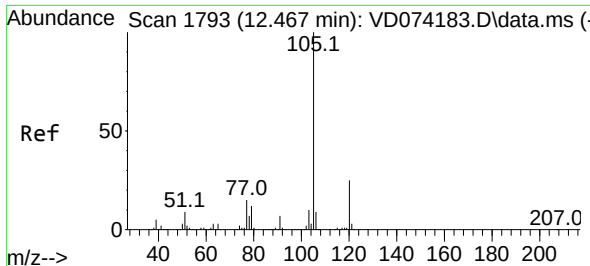
Tgt Ion:173 Resp: 22311
Ion Ratio Lower Upper
173 100
175 46.8 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion:152 Resp: 126192
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 166.2 0.0 348.6

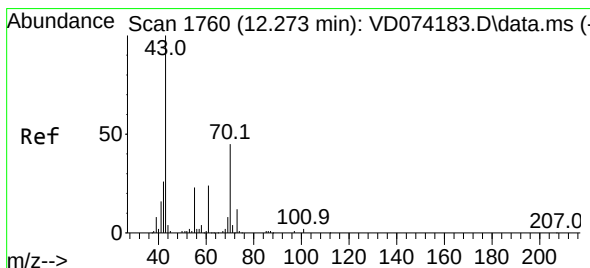
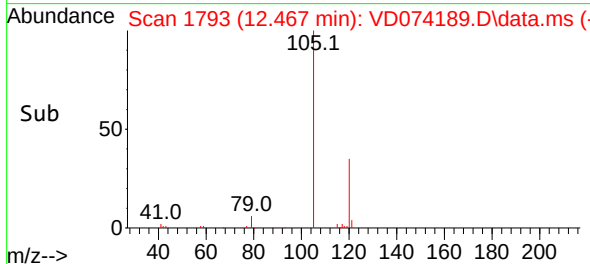
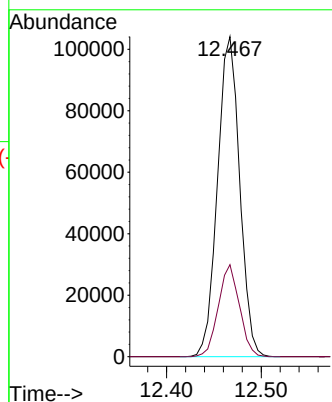
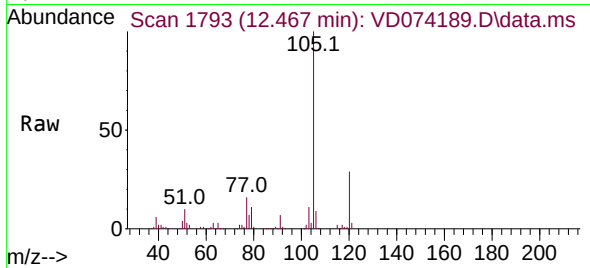




#73
Isopropylbenzene
Concen: 18.548 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

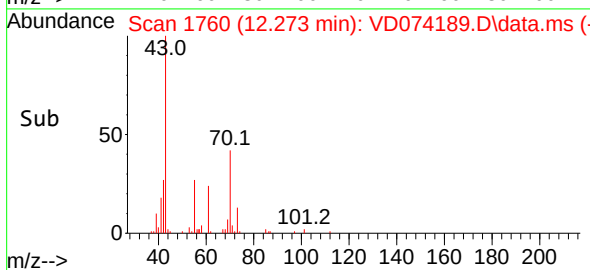
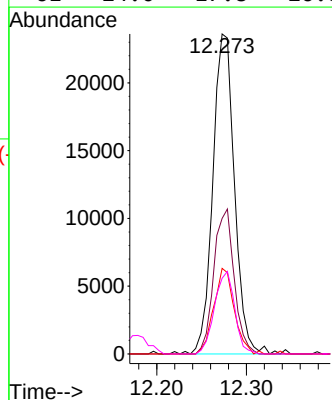
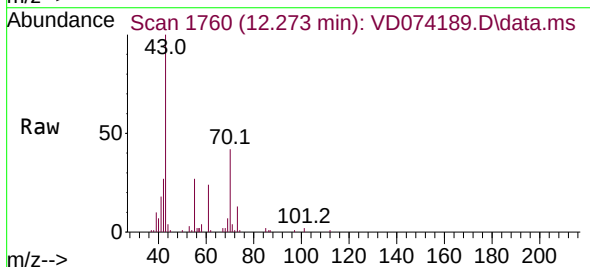
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

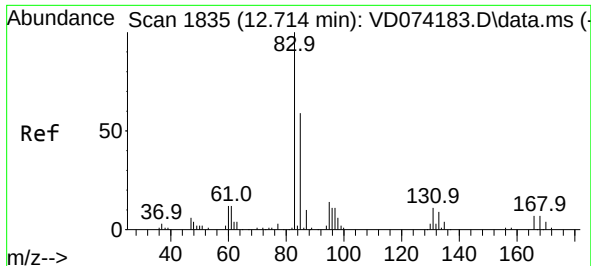
Tgt Ion:105 Resp: 169477
Ion Ratio Lower Upper
105 100
120 27.4 13.0 38.9



#74
N-ethyl acetate
Concen: 19.935 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 43 Resp: 39623
Ion Ratio Lower Upper
43 100
70 42.5 31.3 46.9
55 25.4 20.0 30.0
61 24.0 17.8 26.8

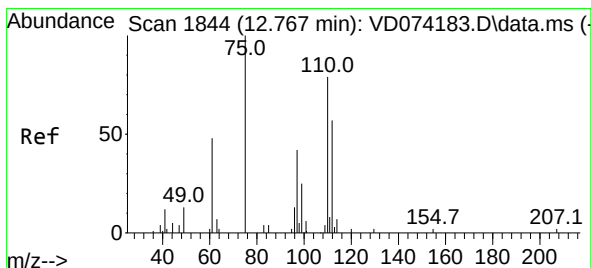
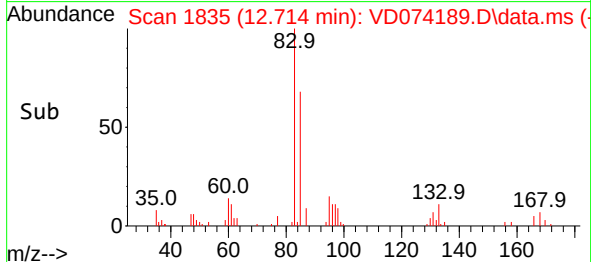
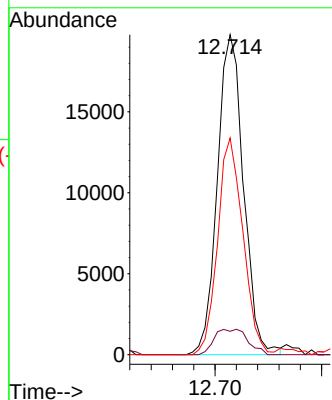
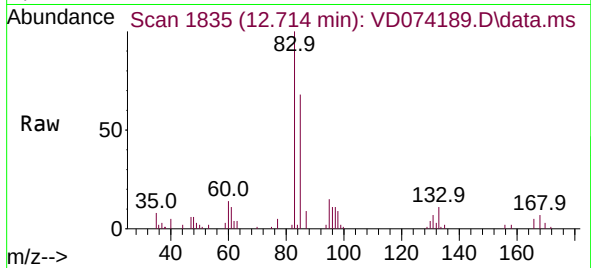




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.664 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: VD074189.D
 Acq: 23 Aug 2022 17:17

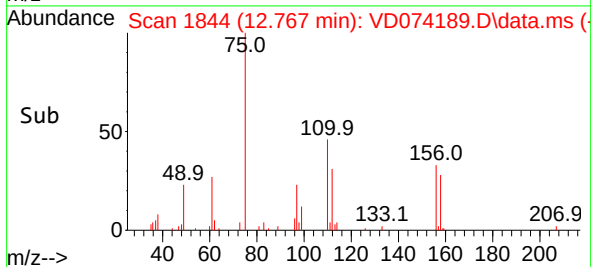
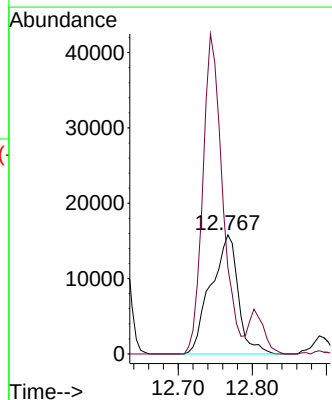
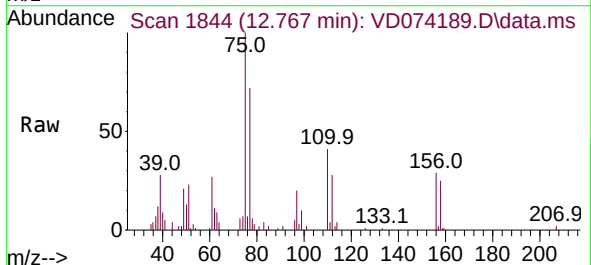
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

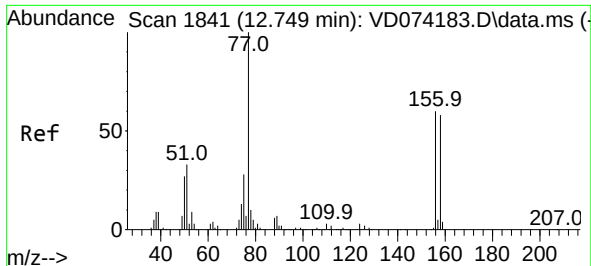
Tgt Ion: 83 Resp: 33722
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.0 14.9
 85 65.4 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 32.840 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VD074189.D
 Acq: 23 Aug 2022 17:17

Tgt Ion: 75 Resp: 40465
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

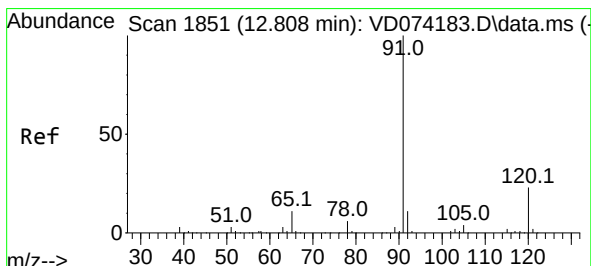
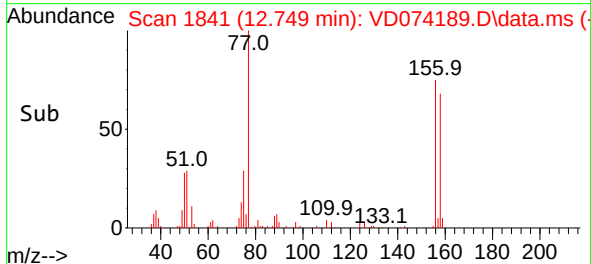
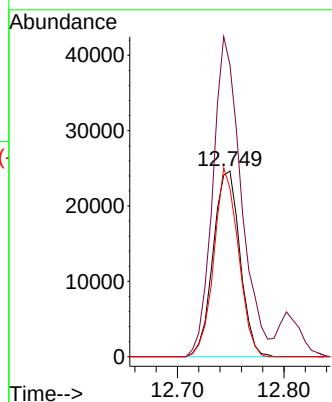
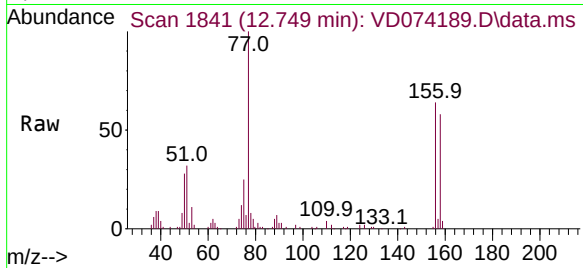




#77
Bromobenzene
Concen: 19.879 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

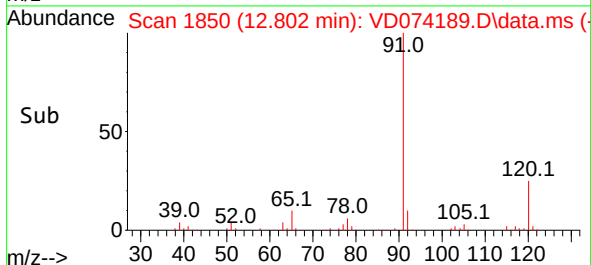
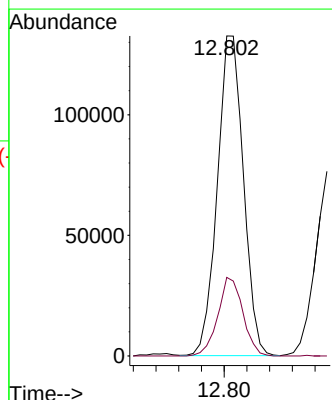
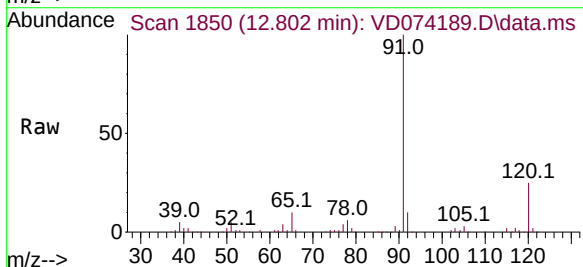
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

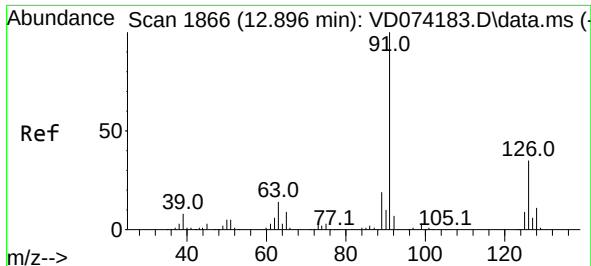
Tgt Ion:156 Resp: 43033
Ion Ratio Lower Upper
156 100
77 182.2 102.8 308.3
158 92.7 48.7 146.1



#78
n-propylbenzene
Concen: 18.921 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 91 Resp: 211436
Ion Ratio Lower Upper
91 100
120 23.5 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.412 ug/l

RT: 12.890 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

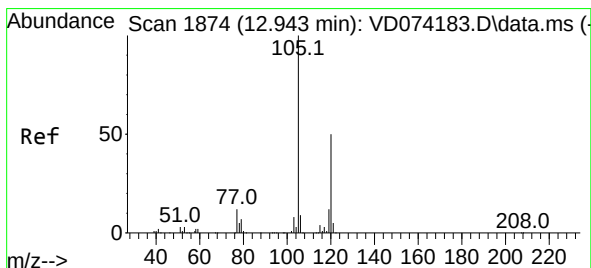
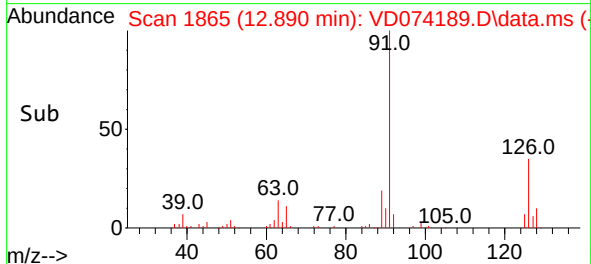
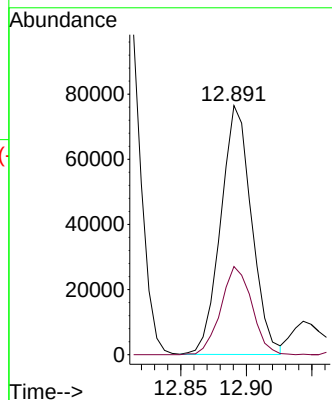
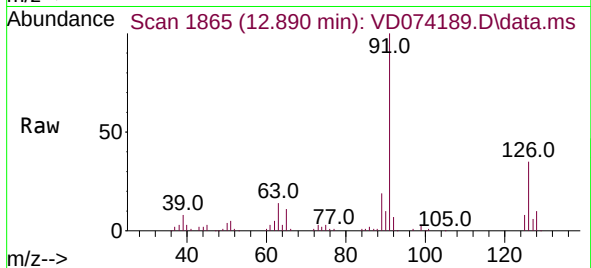
VD0823SBS01

Tgt Ion: 91 Resp: 125258

Ion Ratio Lower Upper

91 100

126 35.5 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 19.323 ug/l

RT: 12.943 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VD074189.D

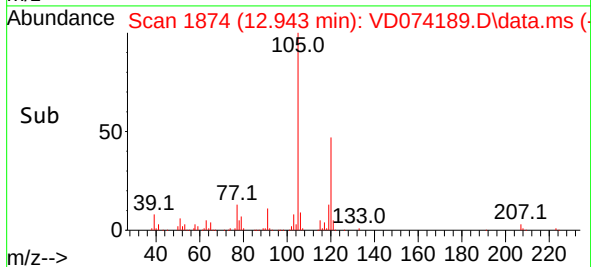
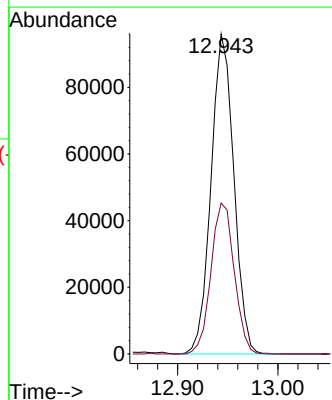
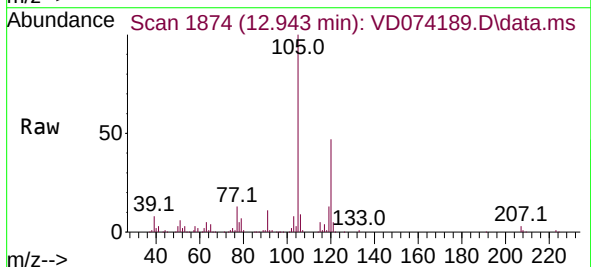
Acq: 23 Aug 2022 17:17

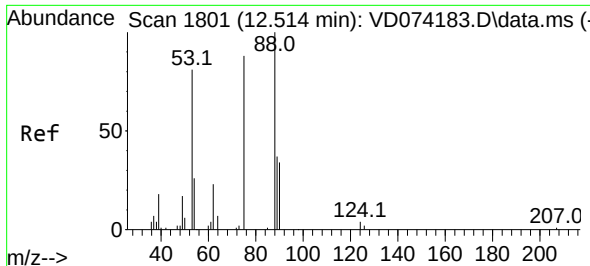
Tgt Ion:105 Resp: 151685

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8

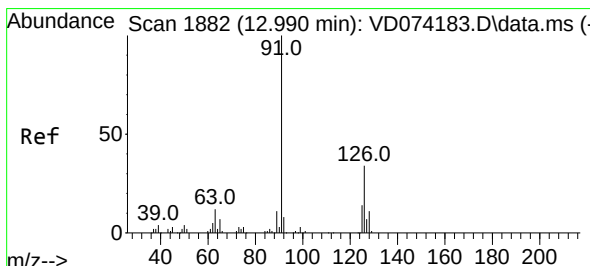
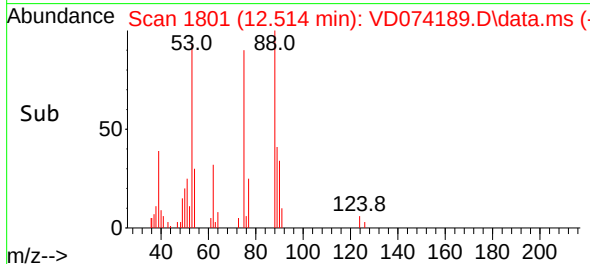
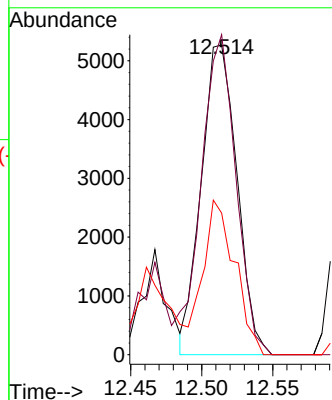
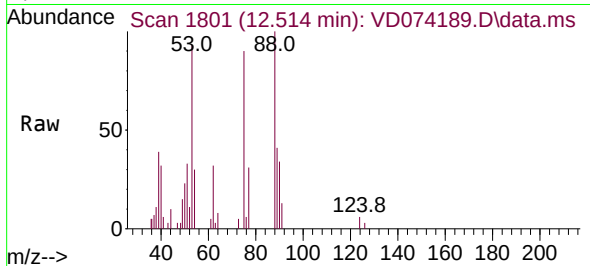




#81
trans-1,4-Dichloro-2-butene
Concen: 19.253 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

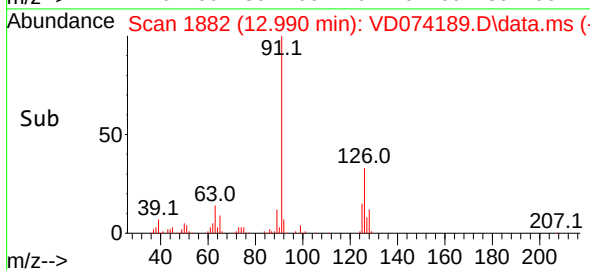
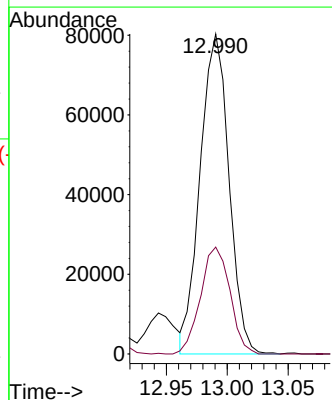
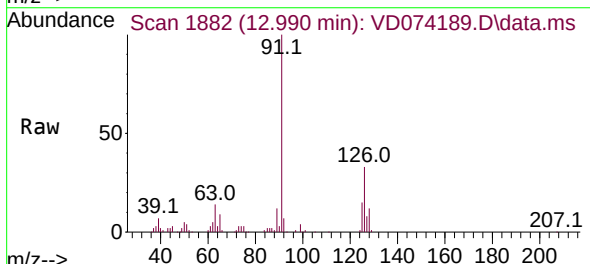
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

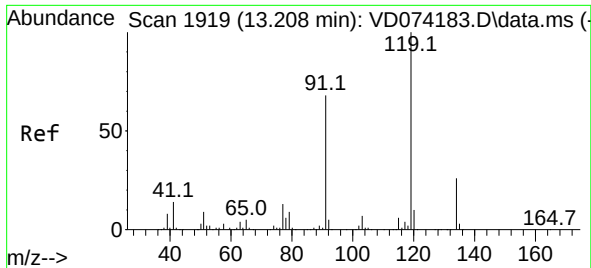
Tgt Ion: 75 Resp: 9225
Ion Ratio Lower Upper
75 100
53 100.9 86.5 129.7
89 44.1 33.9 50.9



#82
4-Chlorotoluene
Concen: 19.395 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 91 Resp: 132395
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5

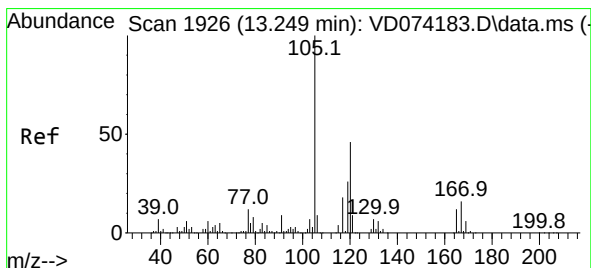
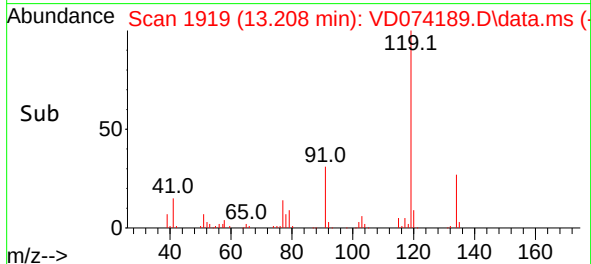
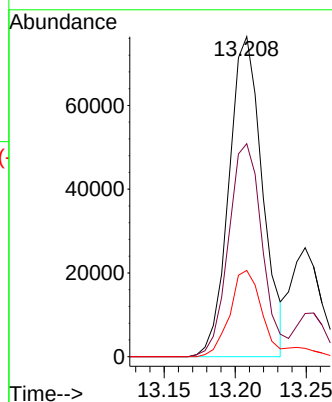
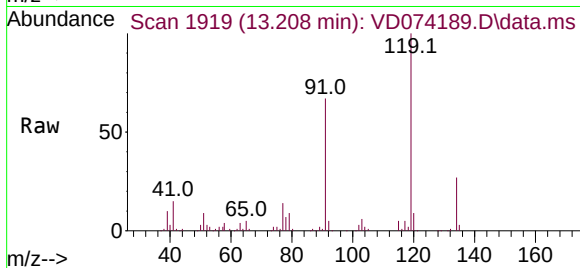




#83
tert-Butylbenzene
Concen: 19.010 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

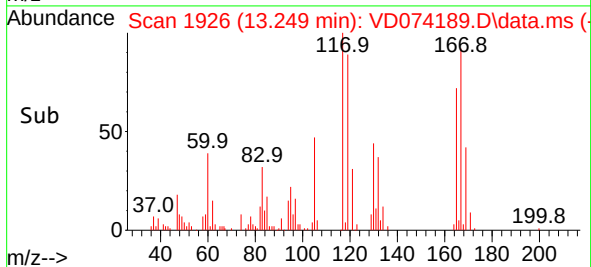
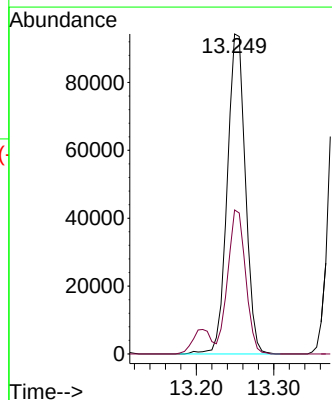
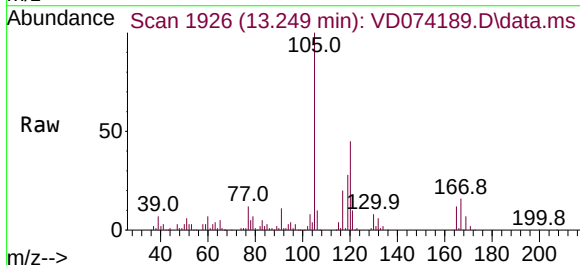
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

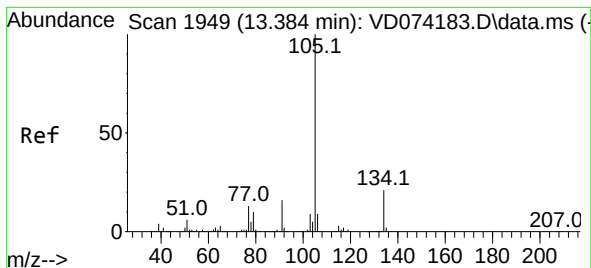
Tgt Ion:119 Resp: 125703
Ion Ratio Lower Upper
119 100
91 67.3 34.8 104.5
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.065 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion:105 Resp: 153292
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.390 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.001 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

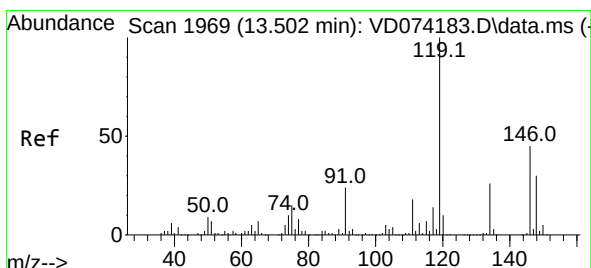
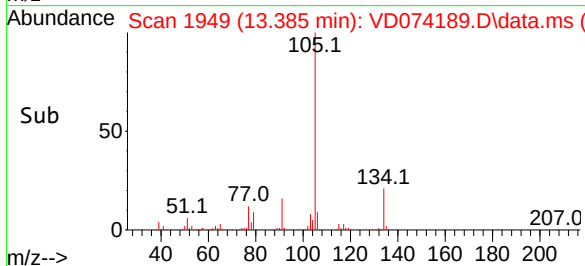
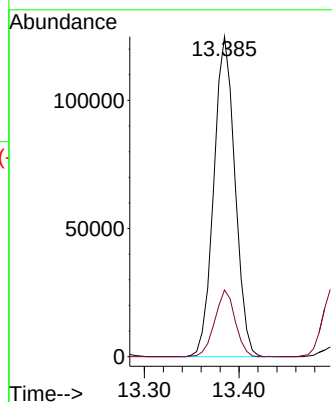
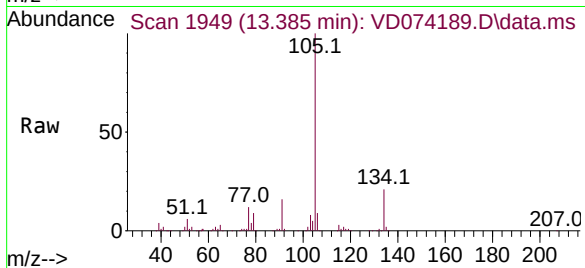
VD0823SBS01

Tgt Ion:105 Resp: 193800

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.463 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

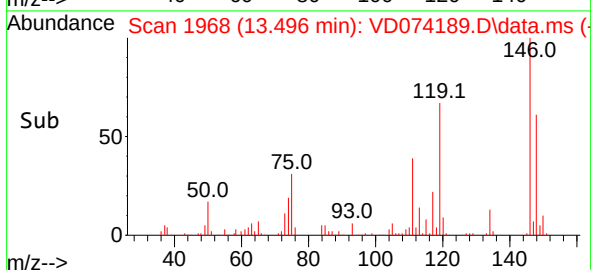
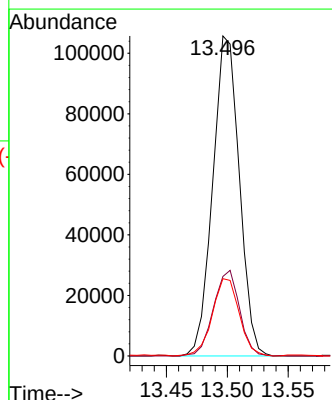
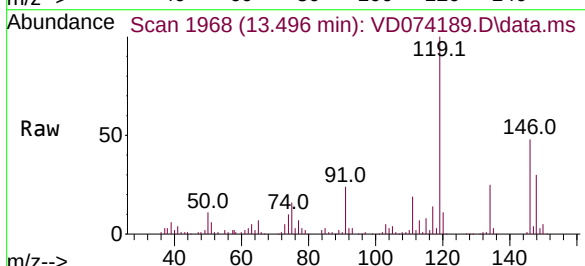
Tgt Ion:119 Resp: 160509

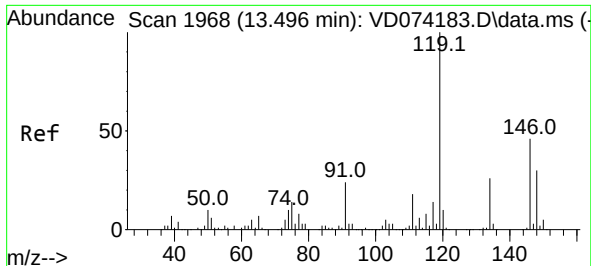
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.100 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS01

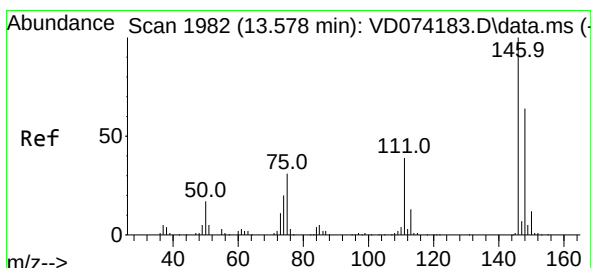
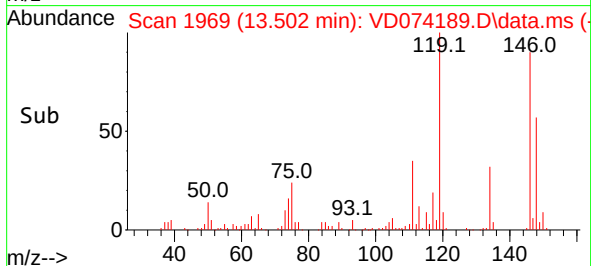
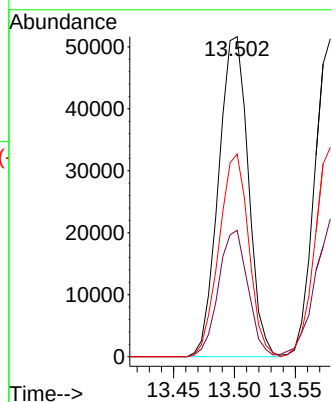
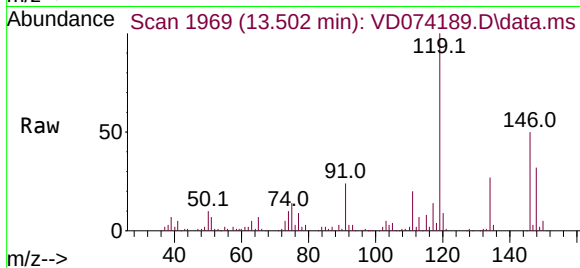
Tgt Ion:146 Resp: 88015

Ion Ratio Lower Upper

146 100

111 39.0 20.4 61.3

148 63.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.610 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. 0.001 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

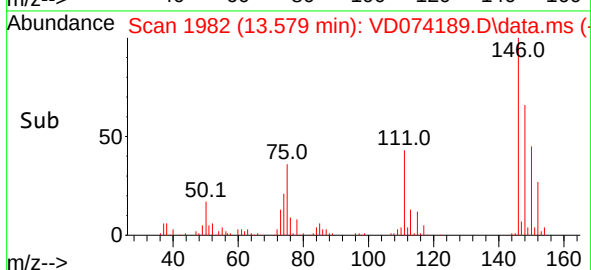
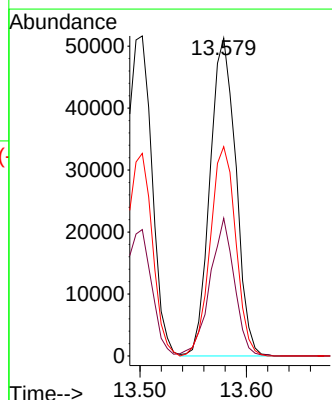
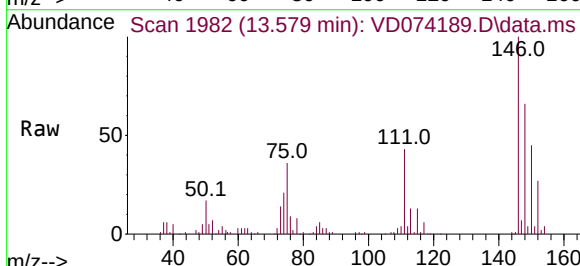
Tgt Ion:146 Resp: 86515

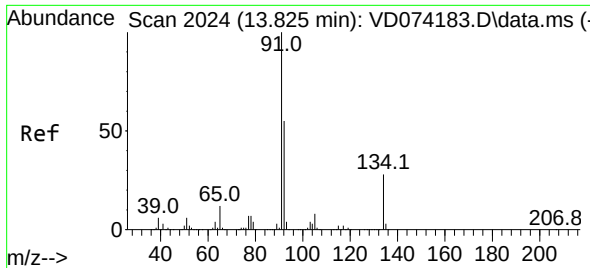
Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.9

148 65.1 31.7 95.1

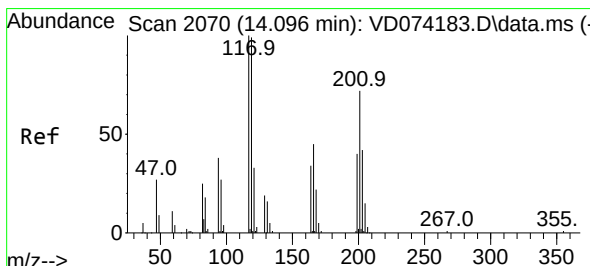
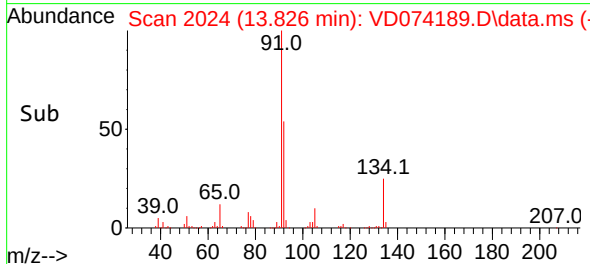
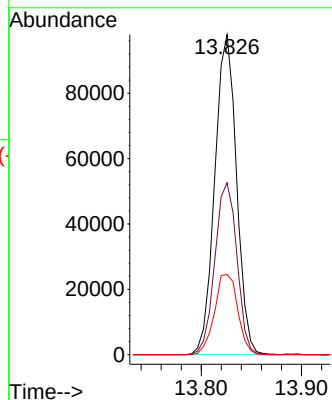
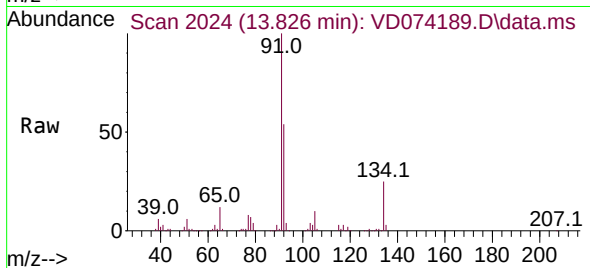




#89
n-Butylbenzene
Concen: 18.869 ug/l
RT: 13.826 min Scan# 2069
Delta R.T. 0.001 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

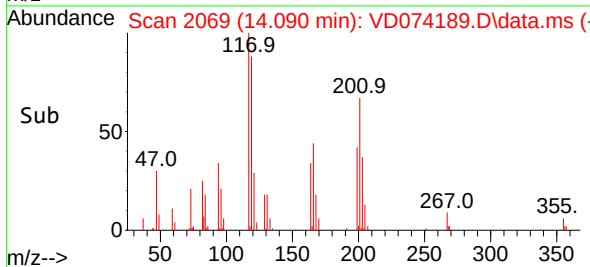
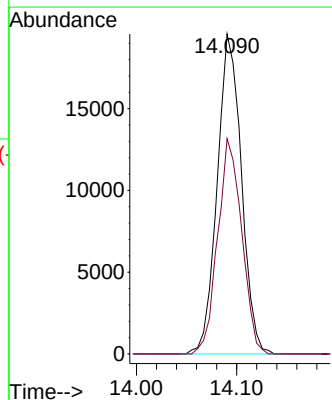
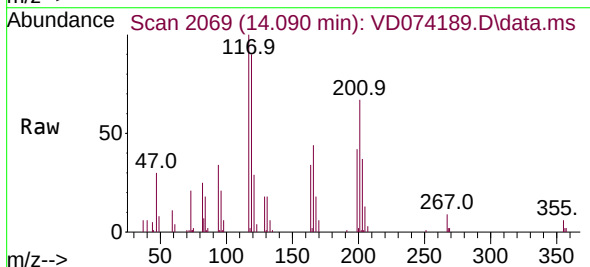
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

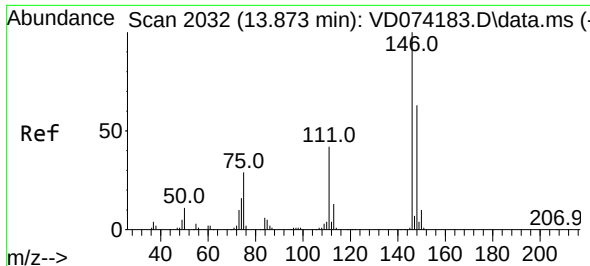
Tgt Ion: 91 Resp: 147488
Ion Ratio Lower Upper
91 100
92 54.4 26.6 79.8
134 26.9 12.3 36.9



#90
Hexachloroethane
Concen: 19.563 ug/l
RT: 14.090 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion: 117 Resp: 32731
Ion Ratio Lower Upper
117 100
201 66.9 33.4 100.2

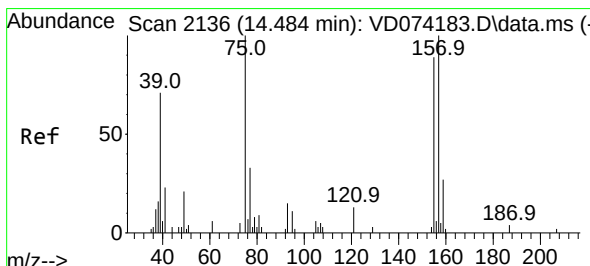
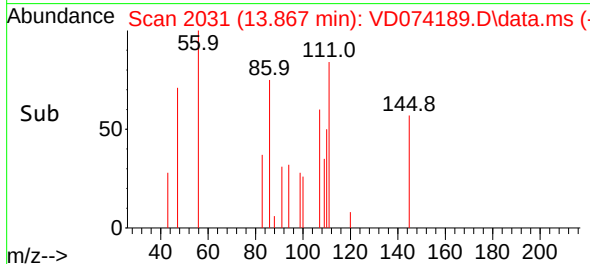
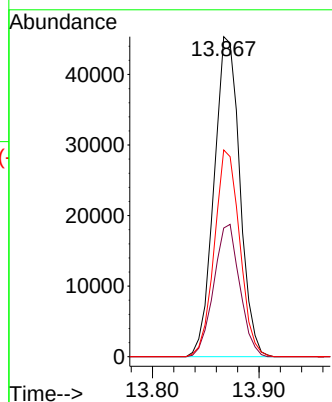
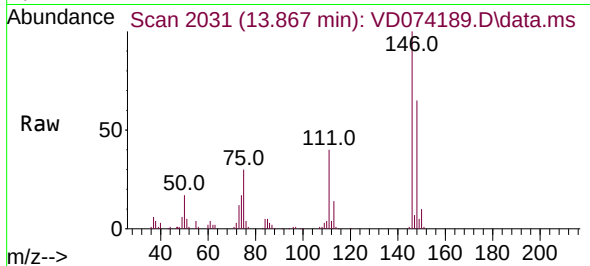




#91
1,2-Dichlorobenzene
Concen: 19.989 ug/l
RT: 13.867 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

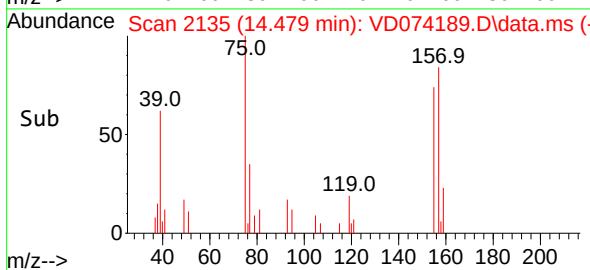
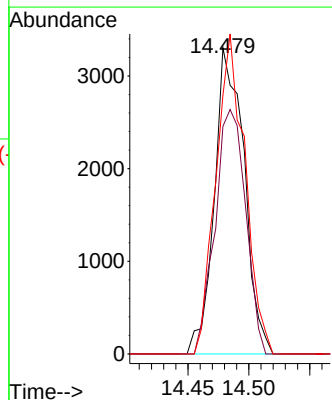
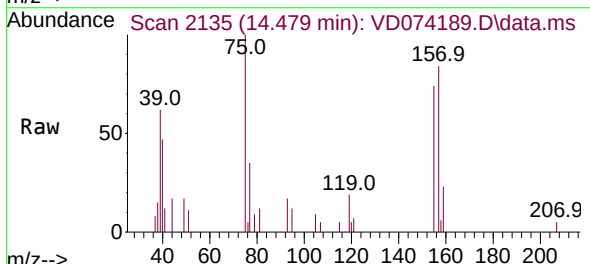
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

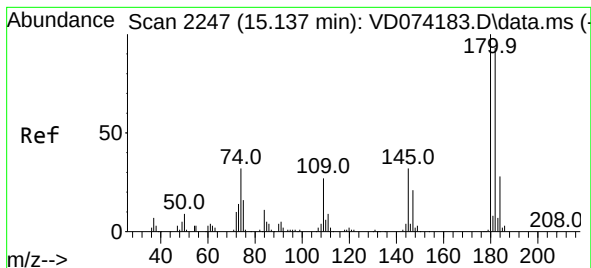
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.3
148	63.6	31.7	95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.935 ug/l
RT: 14.479 min Scan# 2135
Delta R.T. -0.005 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	36.8	110.3
157	102.4	48.4	145.0





#93

1,2,4-Trichlorobenzene

Concen: 19.463 ug/l

RT: 15.137 min Scan# 2247

Delta R.T. 0.000 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS01

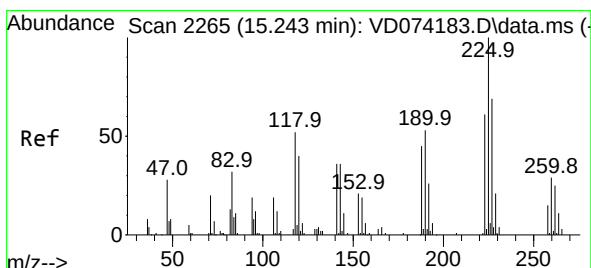
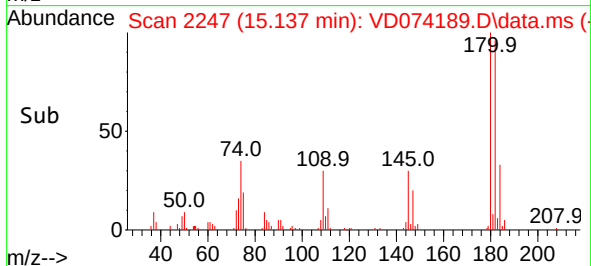
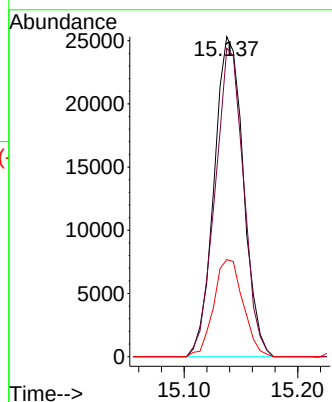
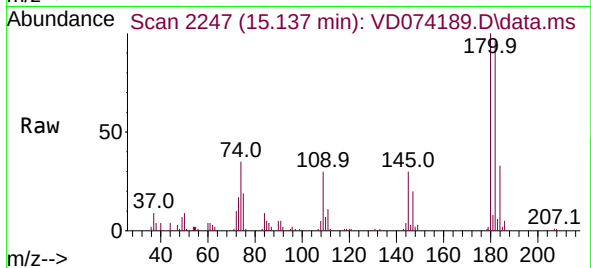
Tgt Ion:180 Resp: 45227

Ion Ratio Lower Upper

180 100

182 94.1 47.3 142.0

145 30.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 19.158 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD074189.D

Acq: 23 Aug 2022 17:17

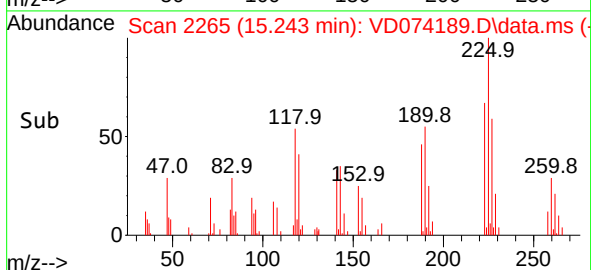
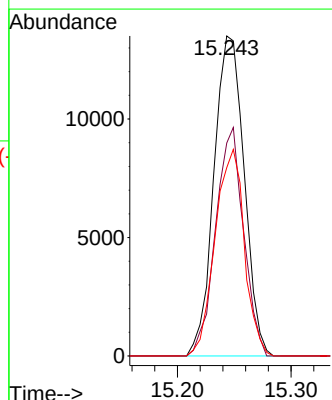
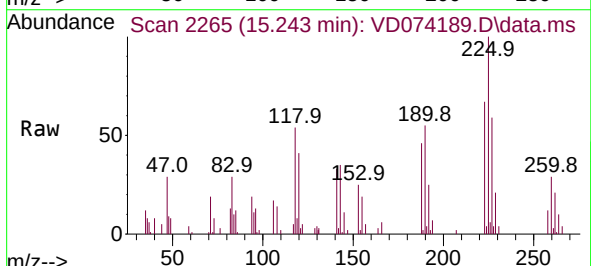
Tgt Ion:225 Resp: 24984

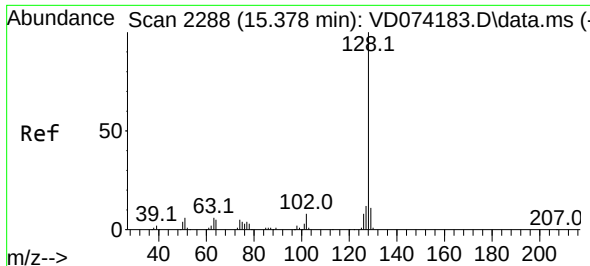
Ion Ratio Lower Upper

225 100

223 66.1 31.1 93.2

227 62.3 32.4 97.0

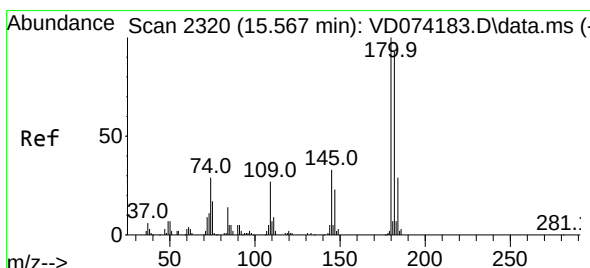
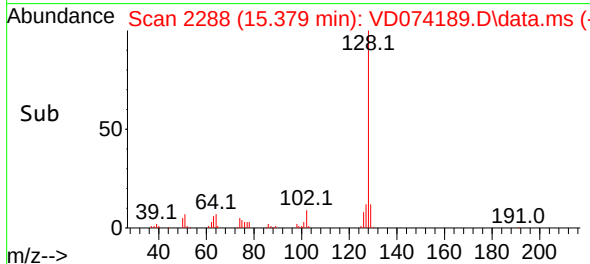
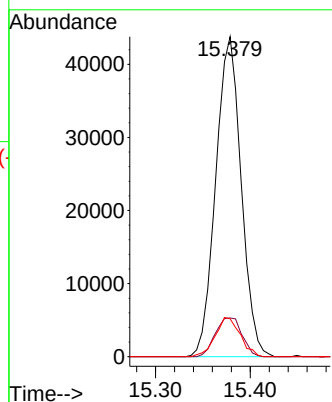
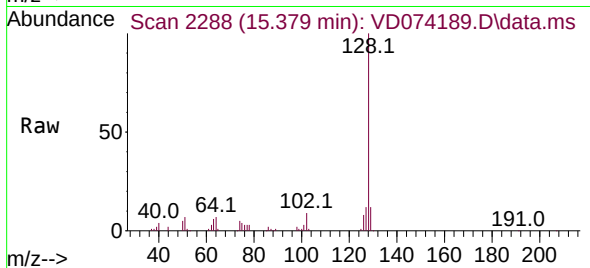




#95
Naphthalene
Concen: 19.582 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Tgt Ion:	128	Resp:	81598
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	12.0	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.464 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VD074189.D
Acq: 23 Aug 2022 17:17

Tgt Ion:	180	Resp:	39445
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.6	142.9
145	35.7	17.1	51.3

