

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074199.D
 Acq On : 23 Aug 2022 23:34
 Operator : VA/SY
 Sample : VY0823SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS02

Quant Time: Aug 24 06:23:04 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	149836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	248397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	238514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	121218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	72886	47.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.200%
35) Dibromofluoromethane	7.909	113	79061	47.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.160%
50) Toluene-d8	10.332	98	244994	45.816	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.640%
62) 4-Bromofluorobenzene	12.620	95	104393	49.417	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	30691	24.409	ug/l	99
3) Chloromethane	2.209	50	15919	17.770	ug/l	100
4) Vinyl Chloride	2.344	62	16453	17.495	ug/l	99
5) Bromomethane	2.756	94	11061	18.212	ug/l	93
6) Chloroethane	2.915	64	12131	19.877	ug/l #	87
7) Trichlorofluoromethane	3.262	101	53880	19.721	ug/l	99
8) Diethyl Ether	3.703	74	14811	20.174	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.085	101	32871	19.885	ug/l	94
10) Methyl Iodide	4.291	142	32529	17.022	ug/l	98
11) Tert butyl alcohol	5.226	59	13118	137.585	ug/l #	93
12) 1,1-Dichloroethene	4.056	96	27758	18.776	ug/l	90
13) Acrolein	3.915	56	5535	132.110	ug/l	99
14) Allyl chloride	4.709	41	45029	19.455	ug/l	94
15) Acrylonitrile	5.409	53	37994	111.299	ug/l	99
16) Acetone	4.156	43	31364	107.521	ug/l	97
17) Carbon Disulfide	4.397	76	66681	15.433	ug/l	97
18) Methyl Acetate	4.715	43	20157	22.654	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	73514	20.764	ug/l	94
20) Methylene Chloride	4.956	84	59878	29.785	ug/l #	84
21) trans-1,2-Dichloroethene	5.468	96	32252	18.657	ug/l	92
22) Diisopropyl ether	6.362	45	102911	21.680	ug/l	96
23) Vinyl Acetate	6.297	43	256809	102.142	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	64186	20.510	ug/l	98
25) 2-Butanone	7.209	43	49635	109.914	ug/l	99
26) 2,2-Dichloropropane	7.203	77	53745	19.061	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	38583	19.861	ug/l	95
28) Bromochloromethane	7.538	49	20872	22.065	ug/l #	76
29) Tetrahydrofuran	7.562	42	30110	110.485	ug/l	90
30) Chloroform	7.703	83	70993	21.516	ug/l	97
31) Cyclohexane	7.979	56	48206	17.689	ug/l #	78
32) 1,1,1-Trichloroethane	7.897	97	61046	19.966	ug/l	97
36) 1,1-Dichloropropene	8.109	75	46320	18.445	ug/l	95
37) Ethyl Acetate	7.285	43	21346	21.559	ug/l #	78
38) Carbon Tetrachloride	8.085	117	51405	19.056	ug/l	98
39) Methylcyclohexane	9.350	83	49766	17.208	ug/l	94
40) Benzene	8.344	78	139824	19.753	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	13053	21.931	ug/l	92
42) 1,2-Dichloroethane	8.414	62	43135	20.673	ug/l	98
43) Isopropyl Acetate	8.444	43	43792	21.988	ug/l	96
44) Trichloroethene	9.103	130	39548	19.271	ug/l	92
45) 1,2-Dichloropropane	9.379	63	36469	20.639	ug/l	99
46) Dibromomethane	9.467	93	20945	21.247	ug/l	96
47) Bromodichloromethane	9.656	83	55470	21.634	ug/l	89
48) Methyl methacrylate	9.450	41	18334	19.912	ug/l #	85
49) 1,4-Dioxane	9.456	88	4658	416.416	ug/l	94
51) 4-Methyl-2-Pentanone	10.214	43	112336	112.899	ug/l	96
52) Toluene	10.391	92	89336	19.199	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	47080	20.248	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	55436	20.108	ug/l	88
55) 1,1,2-Trichloroethane	10.791	97	30491	22.615	ug/l	93
56) Ethyl methacrylate	10.650	69	32178	20.892	ug/l	87
57) 1,3-Dichloropropane	10.938	76	48408	21.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	52986	113.650	ug/l	92
59) 2-Hexanone	10.973	43	76158	113.520	ug/l	98
60) Dibromochloromethane	11.126	129	36965	21.112	ug/l	99
61) 1,2-Dibromoethane	11.238	107	27733	21.088	ug/l	96
64) Tetrachloroethene	10.861	164	32384	18.606	ug/l	99
65) Chlorobenzene	11.655	112	100534	19.340	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	39559	20.242	ug/l	97
67) Ethyl Benzene	11.732	91	170061	19.116	ug/l	99
68) m/p-Xylenes	11.844	106	136123	38.416	ug/l	96
69) o-Xylene	12.167	106	62275	19.047	ug/l	95
70) Styrene	12.185	104	111957	19.972	ug/l	97
71) Bromoform	12.344	173	22409	21.084	ug/l #	99
73) Isopropylbenzene	12.467	105	165661	18.874	ug/l	99
74) N-amyl acetate	12.273	43	40184	21.047	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	35502	22.648	ug/l	95
76) 1,2,3-Trichloropropane	12.767	75	41117	34.739	ug/l #	100
77) Bromobenzene	12.744	156	41367	19.893	ug/l	91
78) n-propylbenzene	12.802	91	204580	19.058	ug/l	98
79) 2-Chlorotoluene	12.891	91	122388	19.745	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	145753	19.330	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	8841	19.209	ug/l	86
82) 4-Chlorotoluene	12.991	91	128257	19.560	ug/l	97
83) tert-Butylbenzene	13.208	119	121161	19.075	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	146913	20.020	ug/l	99
85) sec-Butylbenzene	13.385	105	185567	19.328	ug/l	99
86) p-Isopropyltoluene	13.497	119	152137	19.205	ug/l	98
87) 1,3-Dichlorobenzene	13.497	146	81215	19.308	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	83416	19.684	ug/l	97
89) n-Butylbenzene	13.826	91	142981	19.043	ug/l	99
90) Hexachloroethane	14.091	117	31097	19.349	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	73890	20.203	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5840	22.757	ug/l	94
93) 1,2,4-Trichlorobenzene	15.138	180	40592	18.185	ug/l	96
94) Hexachlorobutadiene	15.243	225	23990	19.151	ug/l	97
95) Naphthalene	15.379	128	80799	20.080	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	37513	19.270	ug/l	98

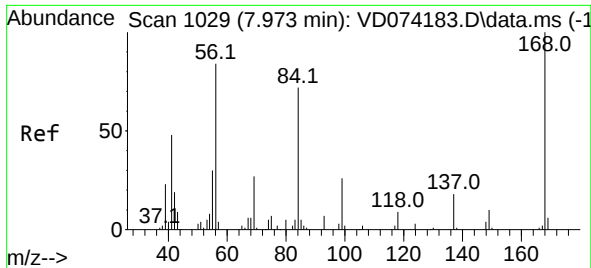
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Quant Title : SW846 8260
QLast Update : Tue Aug 23 13:12:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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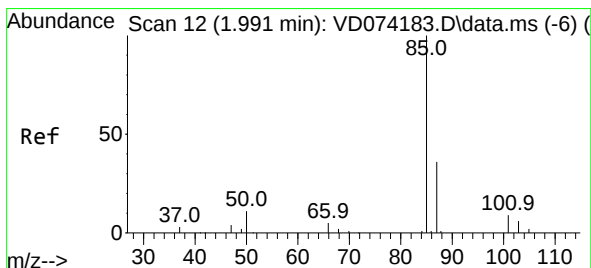
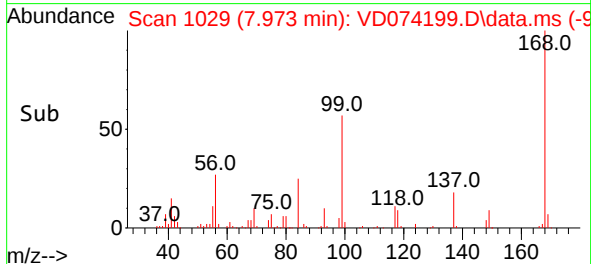
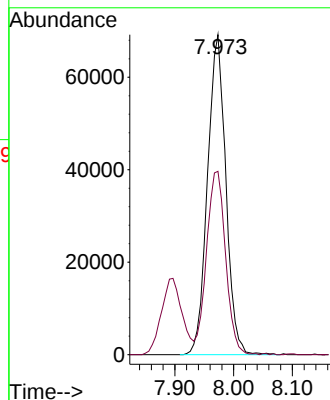
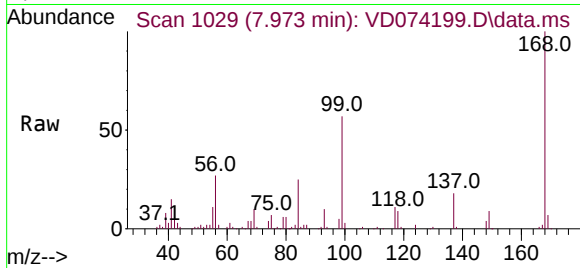
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074199.D
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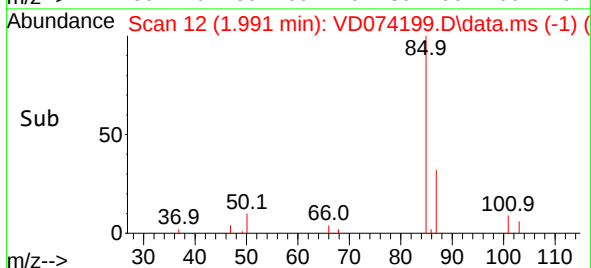
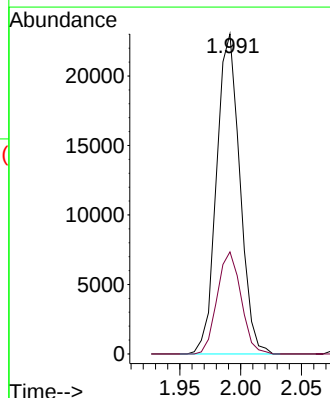
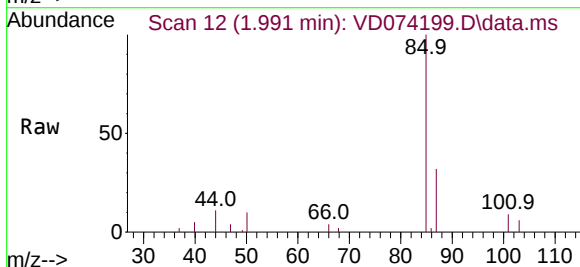
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ClientSampleId :
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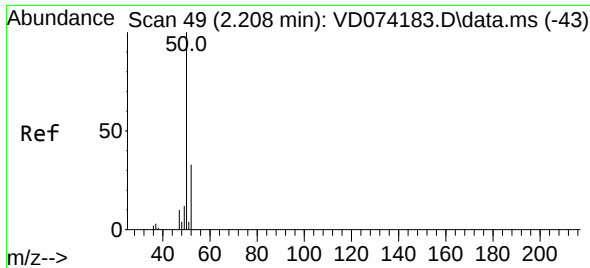
Tgt Ion:168 Resp: 149836
Ion Ratio Lower Upper
168 100
99 57.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 24.409 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 85 Resp: 30691
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0

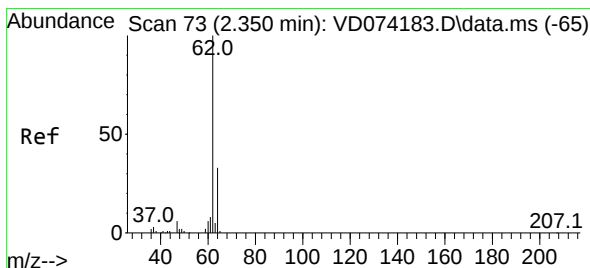
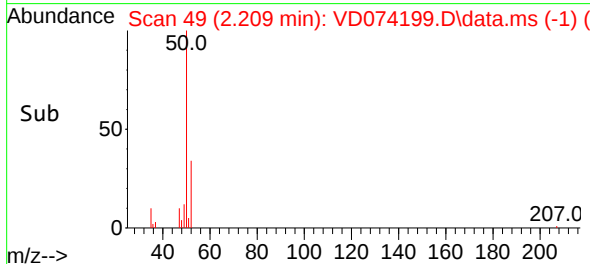
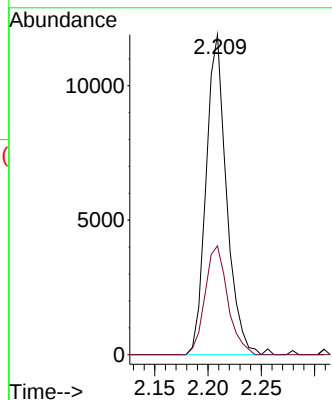
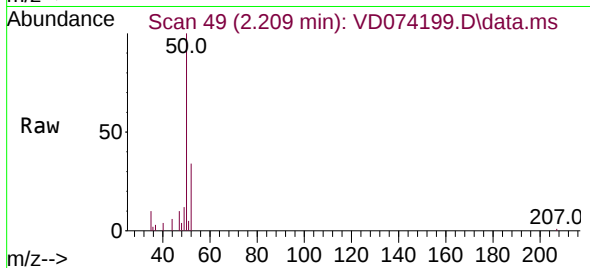




#3
Chloromethane
Concen: 17.770 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

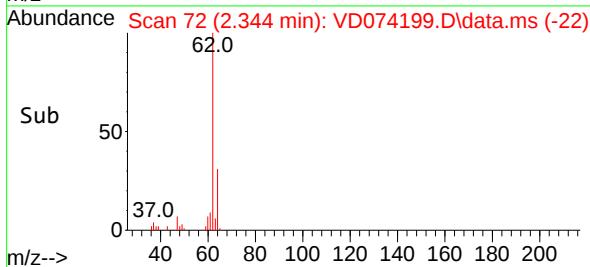
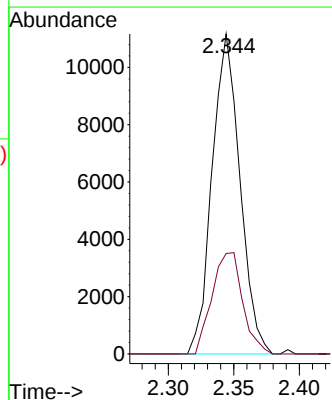
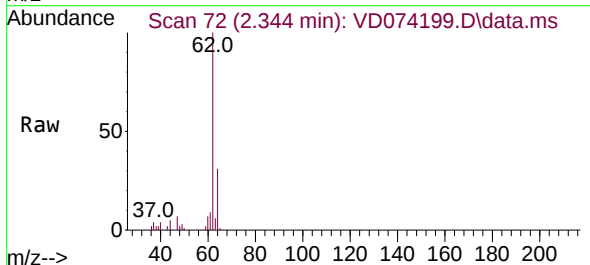
Instrument :
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ClientSampleId :
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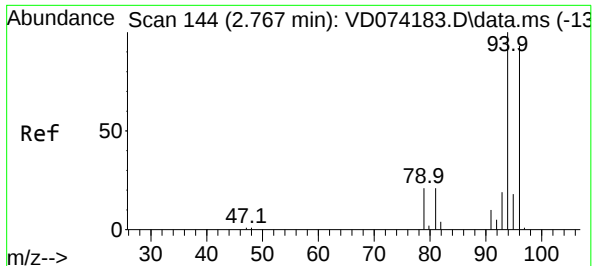
Tgt Ion: 50 Resp: 15919
Ion Ratio Lower Upper
50 100
52 34.0 27.4 41.0



#4
Vinyl Chloride
Concen: 17.495 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 62 Resp: 16453
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

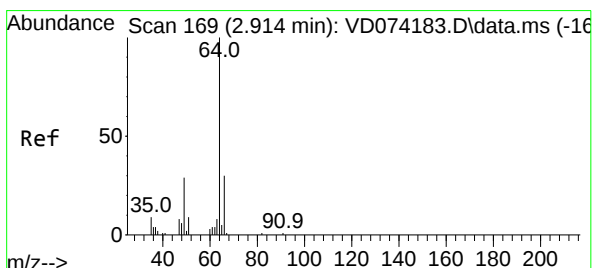
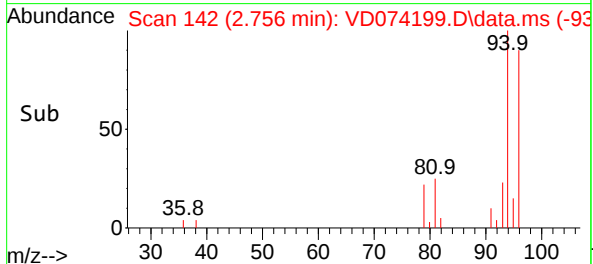
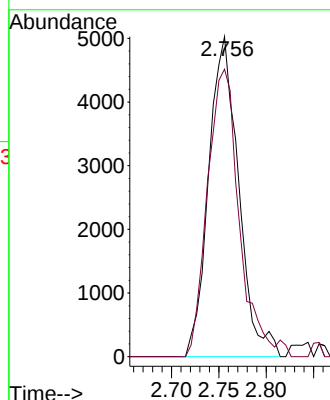
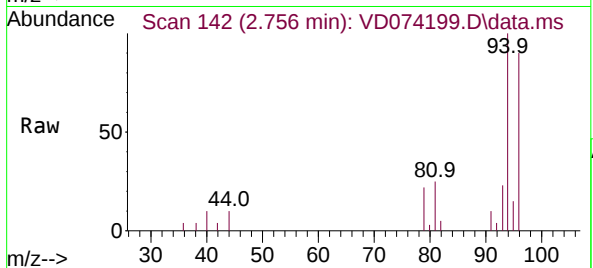




#5
Bromomethane
Concen: 18.212 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.011 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

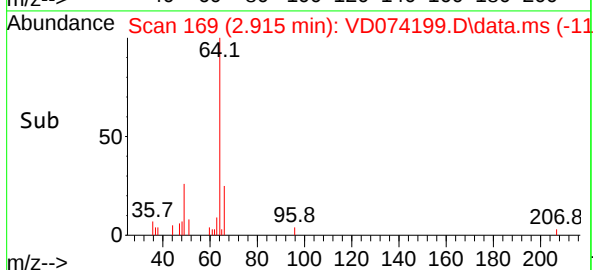
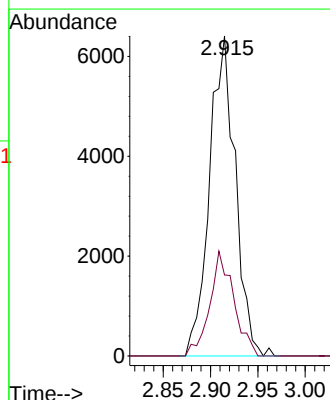
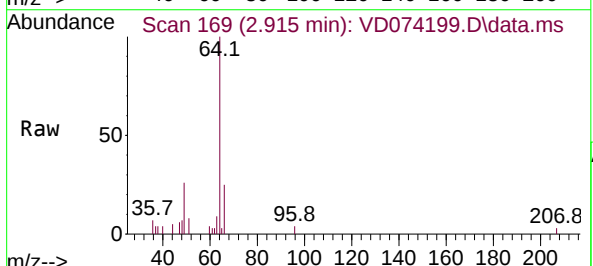
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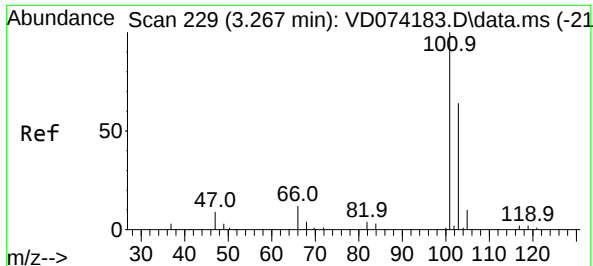
Tgt Ion: 94 Resp: 11061
Ion Ratio Lower Upper
94 100
96 89.9 77.6 116.4



#6
Chloroethane
Concen: 19.877 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 64 Resp: 12131
Ion Ratio Lower Upper
64 100
66 25.3 25.9 38.9#

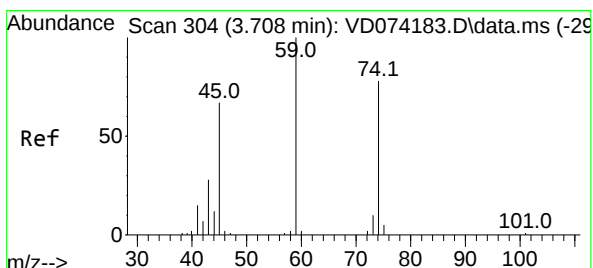
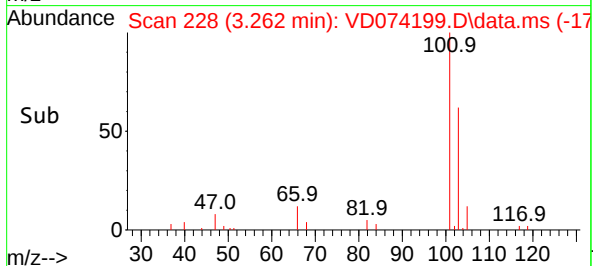
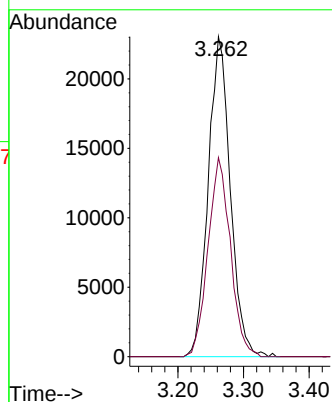
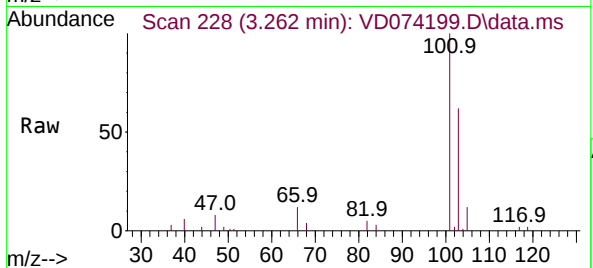




#7
 Trichlorofluoromethane
 Concen: 19.721 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD074199.D
 Acq: 23 Aug 2022 23:34

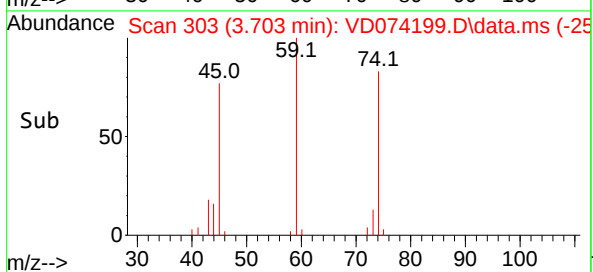
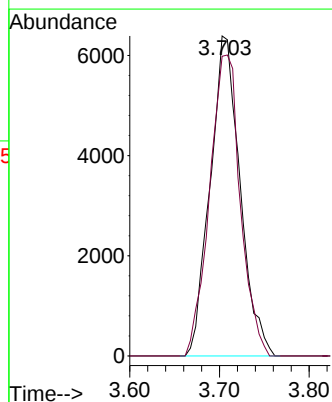
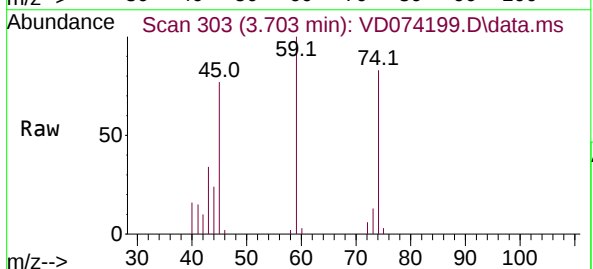
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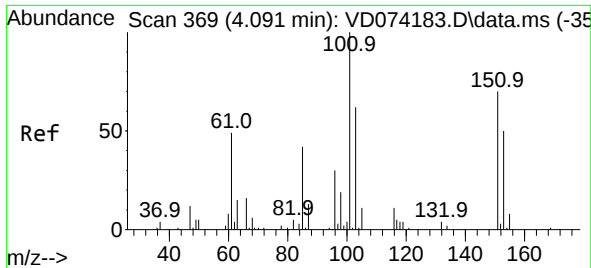
Tgt Ion:101 Resp: 53880
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.174 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.005 min
 Lab File: VD074199.D
 Acq: 23 Aug 2022 23:34

Tgt Ion: 74 Resp: 14811
 Ion Ratio Lower Upper
 74 100
 45 96.6 52.6 157.8

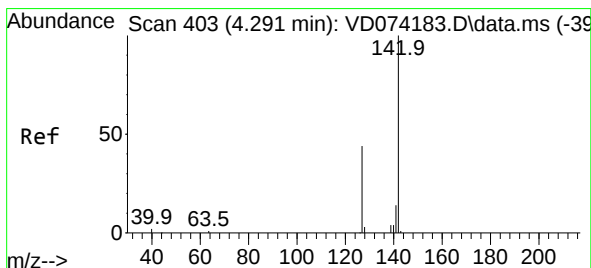
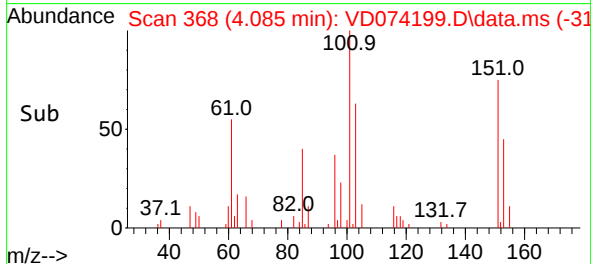
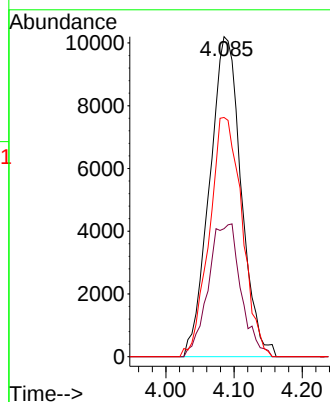
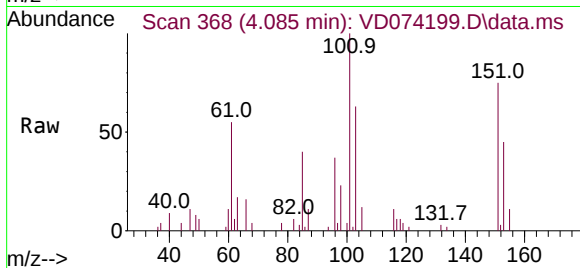




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.885 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD074199.D
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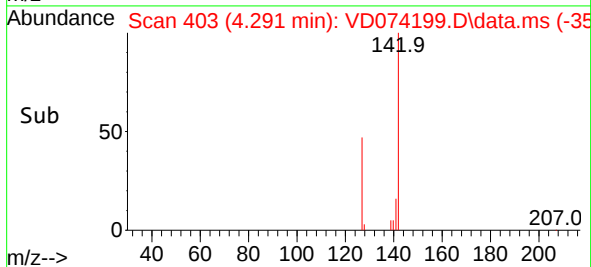
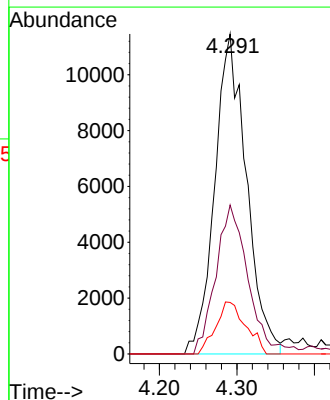
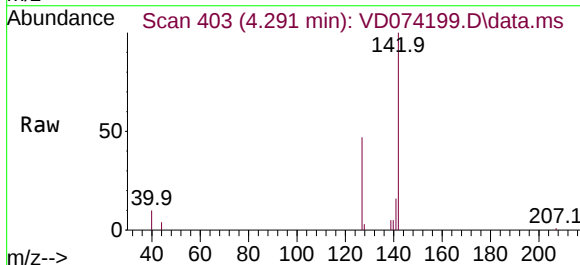
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

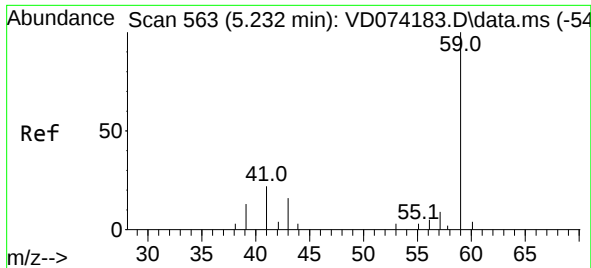
Tgt Ion:101 Resp: 32871
Ion Ratio Lower Upper
101 100
85 42.9 36.4 54.6
151 77.2 57.3 85.9



#10
Methyl Iodide
Concen: 17.022 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion:142 Resp: 32529
Ion Ratio Lower Upper
142 100
127 47.5 37.3 55.9
141 15.4 11.7 17.5

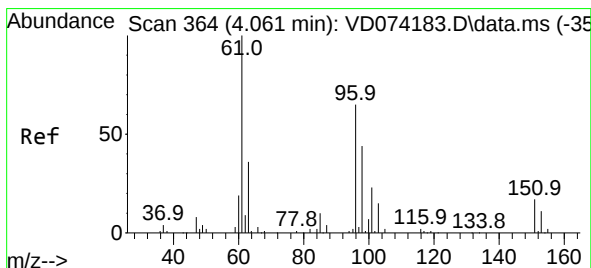
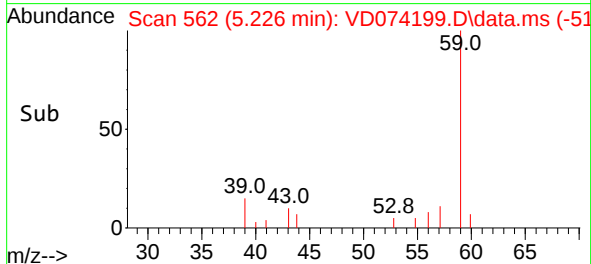
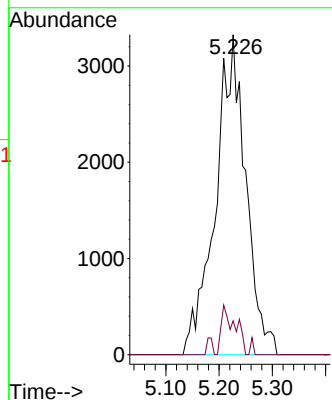
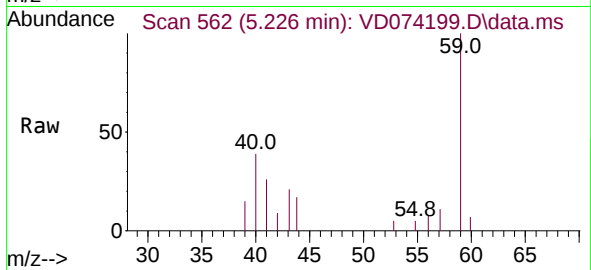




#11
Tert butyl alcohol
Concen: 137.585 ug/l
RT: 5.226 min Scan# 50
Delta R.T. -0.006 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

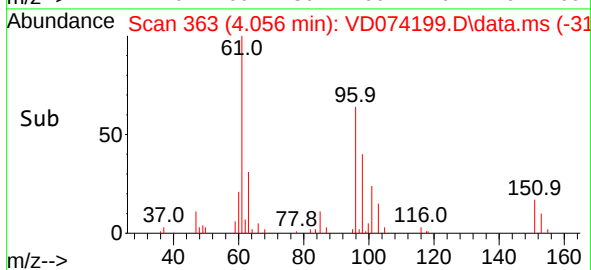
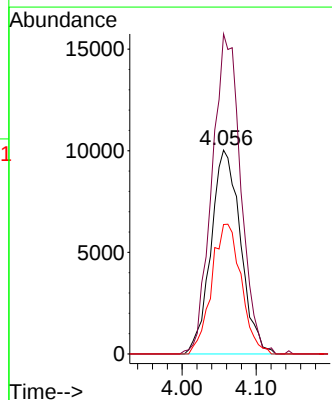
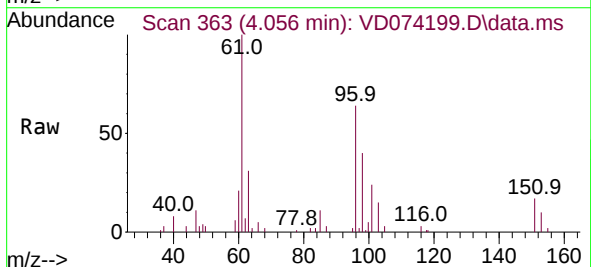
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

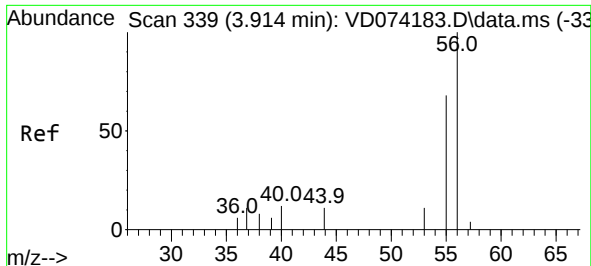
Tgt Ion: 59 Resp: 13118
Ion Ratio Lower Upper
59 100
57 7.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 18.776 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.005 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 96 Resp: 27758
Ion Ratio Lower Upper
96 100
61 157.0 138.5 207.7
98 63.5 48.6 73.0

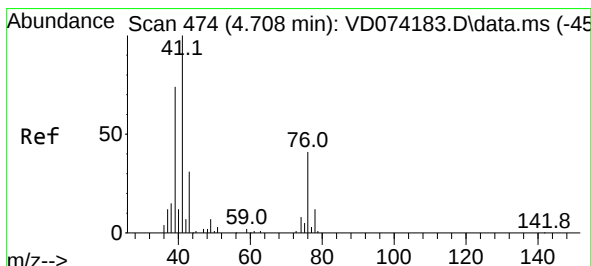
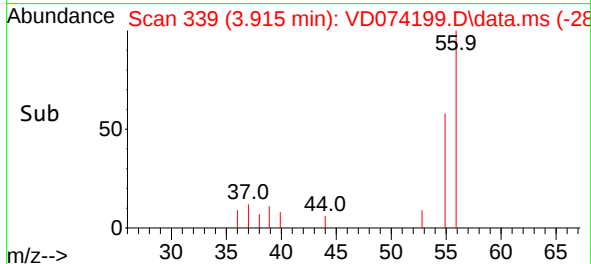
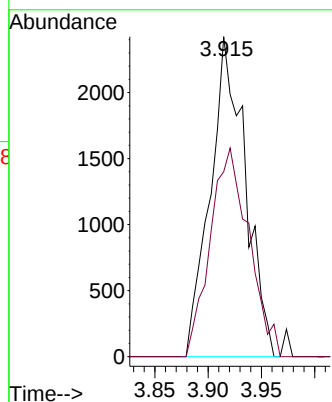
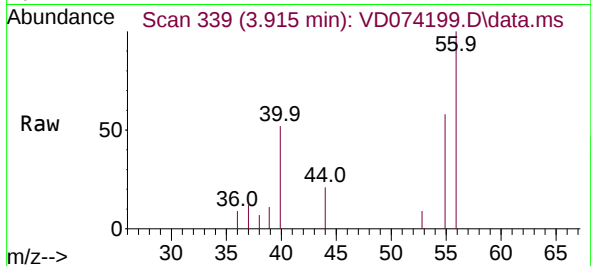




#13
Acrolein
Concen: 132.110 ug/l
RT: 3.915 min Scan# 311
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

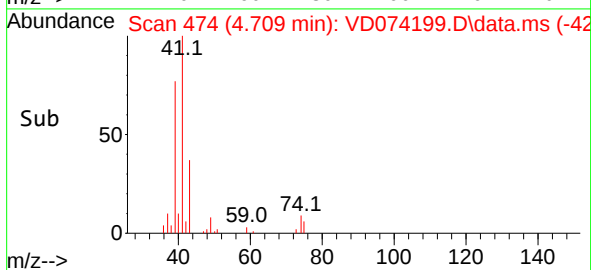
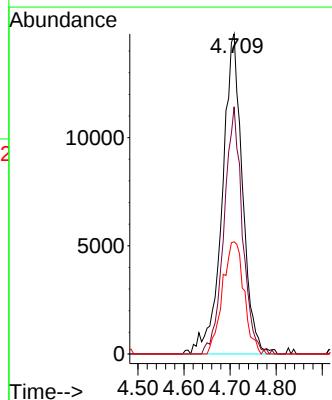
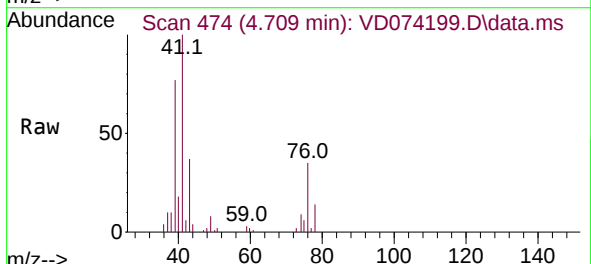
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

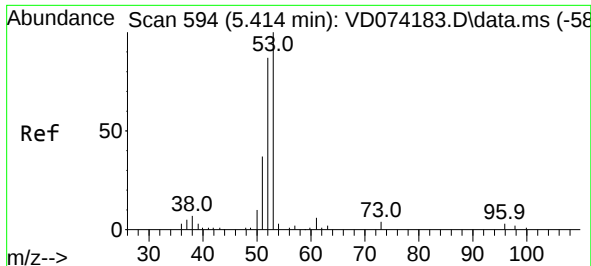
Tgt Ion: 56 Resp: 5535
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7



#14
Allyl chloride
Concen: 19.455 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 41 Resp: 45029
Ion Ratio Lower Upper
41 100
39 70.3 59.3 88.9
76 37.1 25.7 38.5

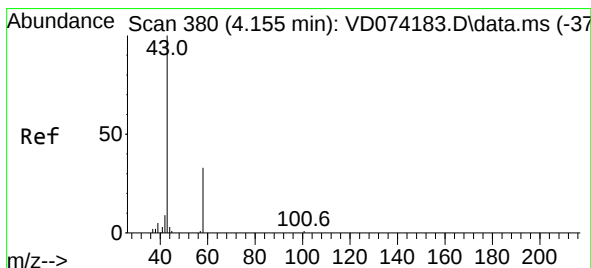
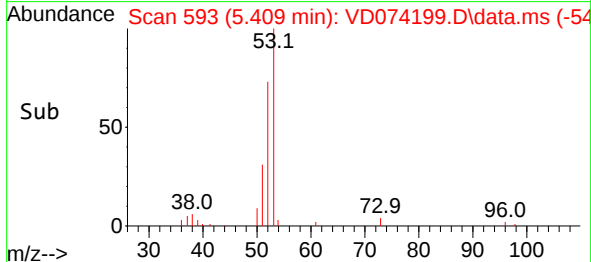
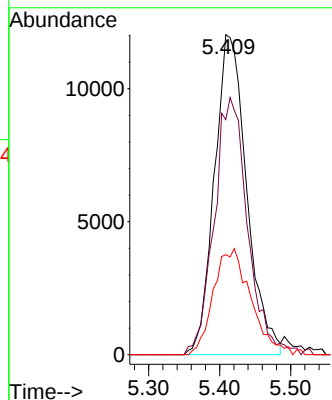
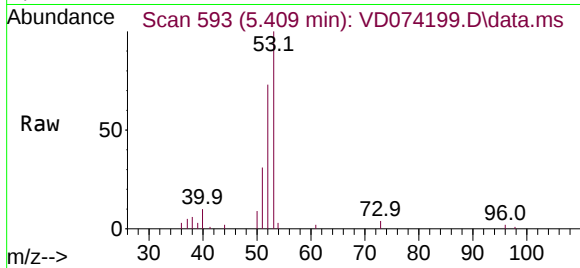




#15
Acrylonitrile
Concen: 111.299 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

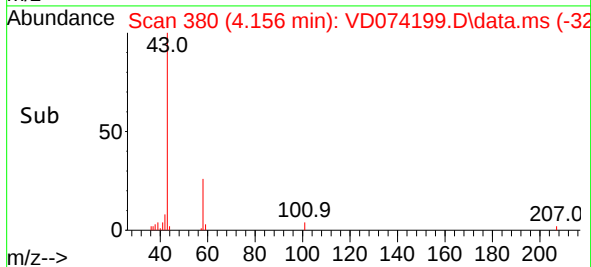
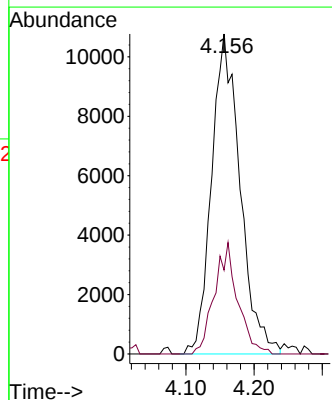
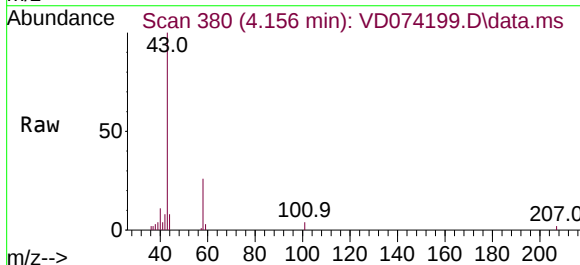
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

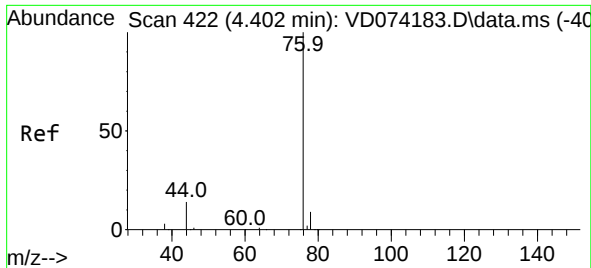
Tgt Ion: 53	Resp:	37994
Ion	Ratio	Lower Upper
53	100	
52	83.2	67.2 100.8
51	38.3	30.3 45.5



#16
Acetone
Concen: 107.521 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 43	Resp:	31364
Ion	Ratio	Lower Upper
43	100	
58	26.2	22.1 33.1





#17

Carbon Disulfide

Concen: 15.433 ug/l

RT: 4.397 min Scan# 41

Delta R.T. -0.005 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

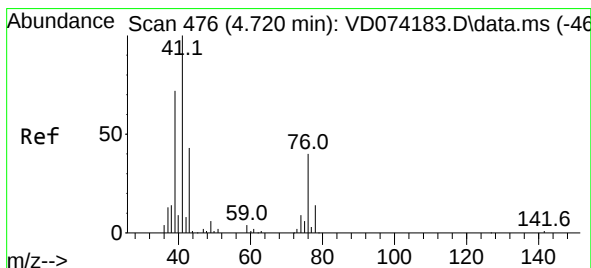
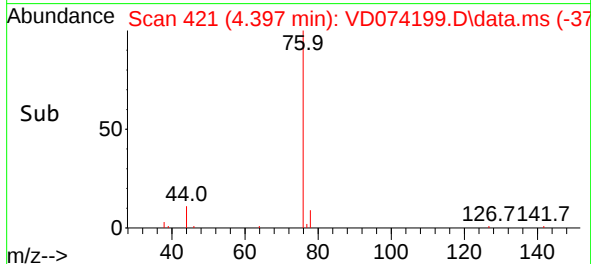
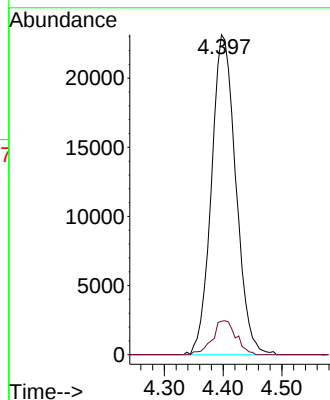
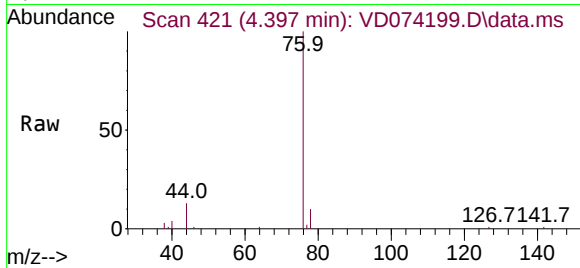
VD0823SBS02

Tgt Ion: 76 Resp: 66681

Ion Ratio Lower Upper

76 100

78 10.5 7.5 11.3



#18

Methyl Acetate

Concen: 22.654 ug/l

RT: 4.715 min Scan# 475

Delta R.T. -0.005 min

Lab File: VD074199.D

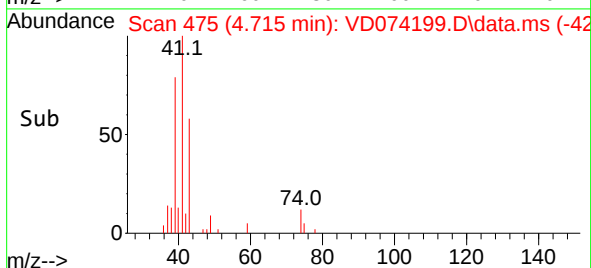
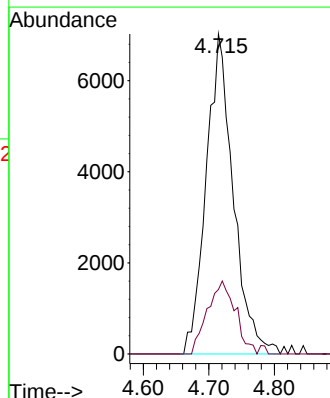
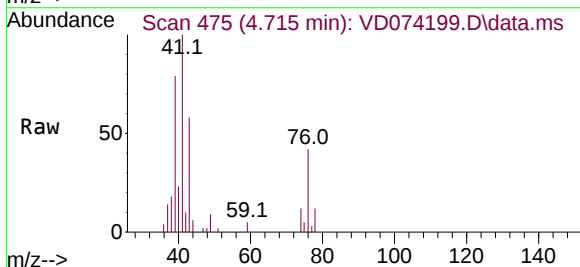
Acq: 23 Aug 2022 23:34

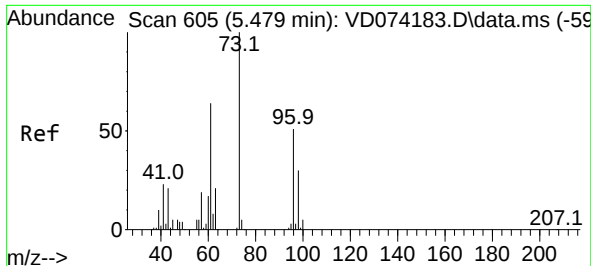
Tgt Ion: 43 Resp: 20157

Ion Ratio Lower Upper

43 100

74 23.6 16.7 25.1

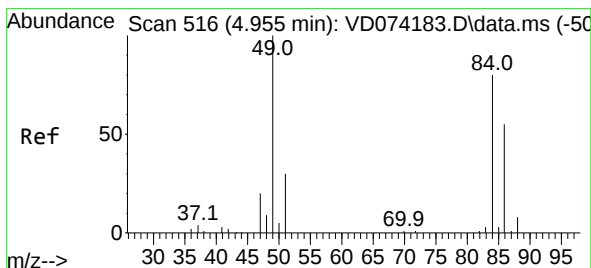
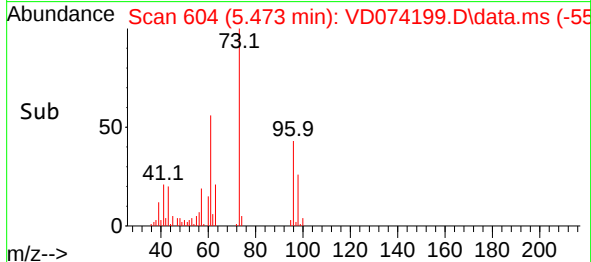
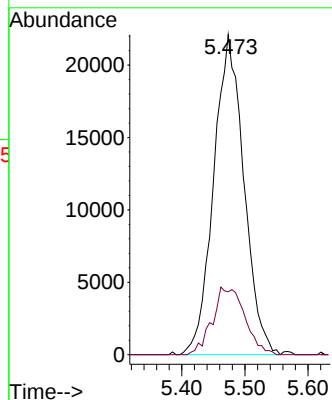
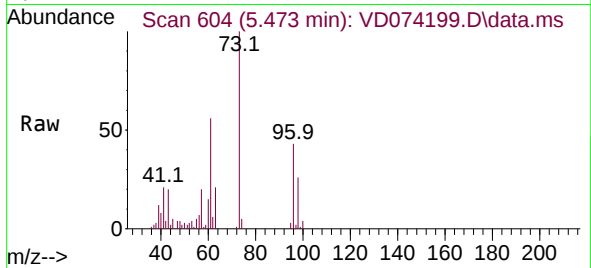




#19
Methyl tert-butyl Ether
Concen: 20.764 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

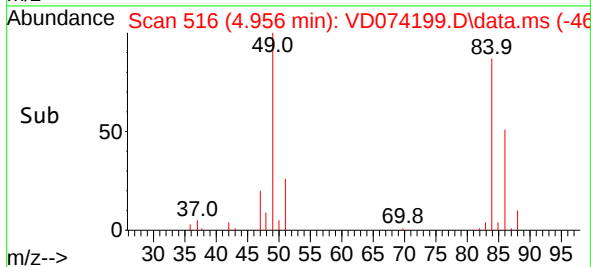
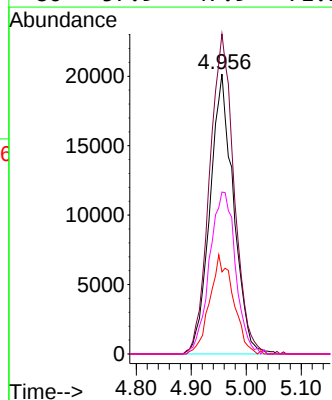
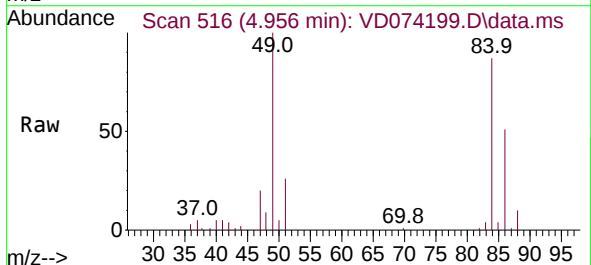
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

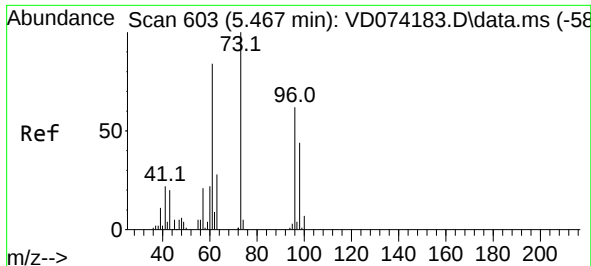
Tgt Ion: 73 Resp: 73514
Ion Ratio Lower Upper
73 100
57 19.6 18.0 27.0



#20
Methylene Chloride
Concen: 29.785 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 84 Resp: 59878
Ion Ratio Lower Upper
84 100
49 114.4 112.8 169.2
51 29.3 32.6 48.8#
86 57.9 47.9 71.9

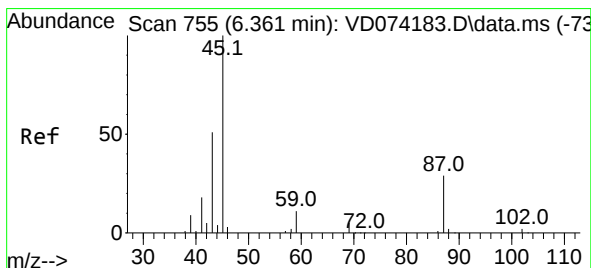
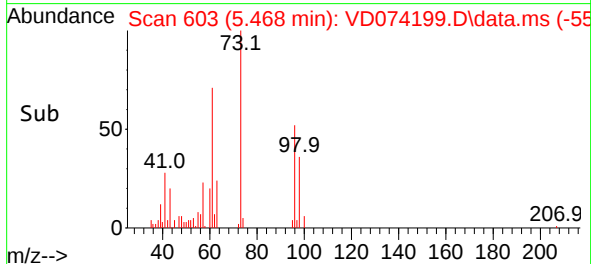
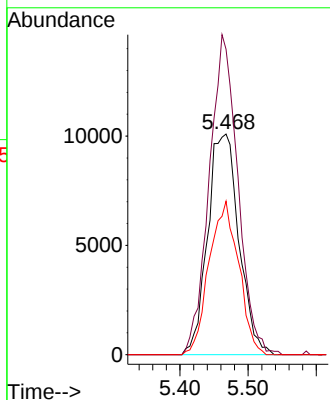
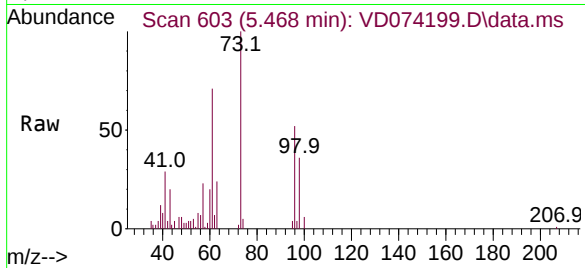




#21
trans-1,2-Dichloroethene
Concen: 18.657 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

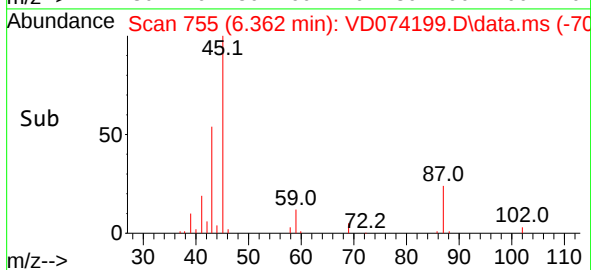
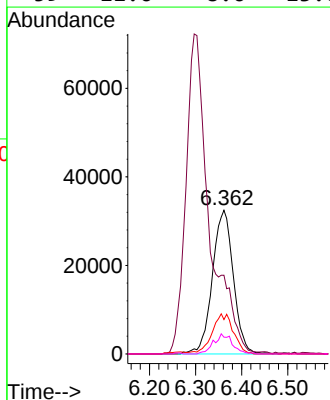
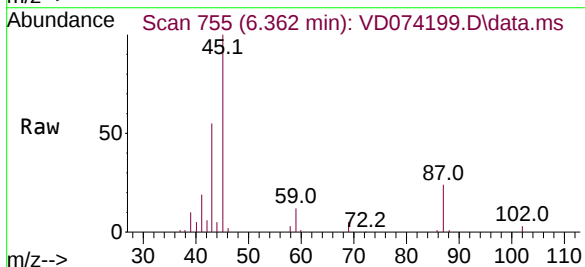
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

Tgt Ion: 96 Resp: 32252
Ion Ratio Lower Upper
96 100
61 138.4 117.9 176.9
98 69.5 49.4 74.2



#22
Diisopropyl ether
Concen: 21.680 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 45 Resp: 102911
Ion Ratio Lower Upper
45 100
43 54.1 46.6 70.0
87 24.0 18.4 27.6
59 11.6 8.6 13.0

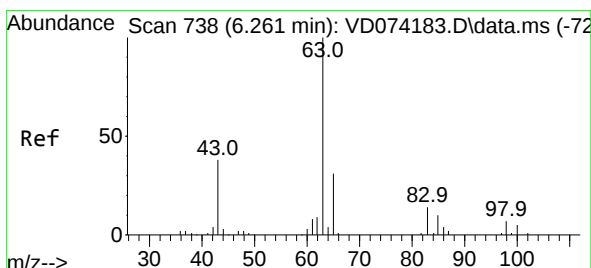
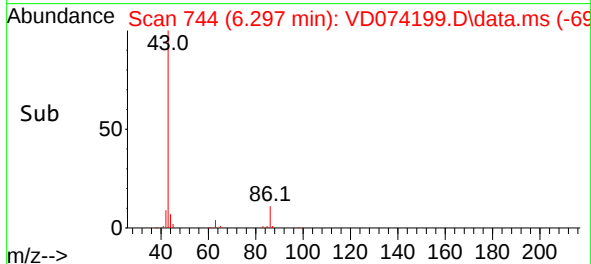
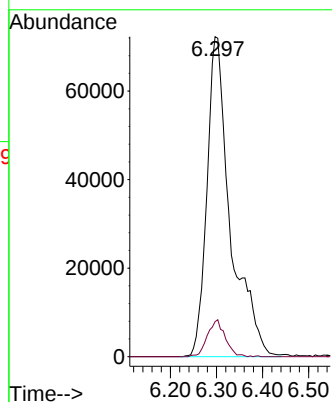
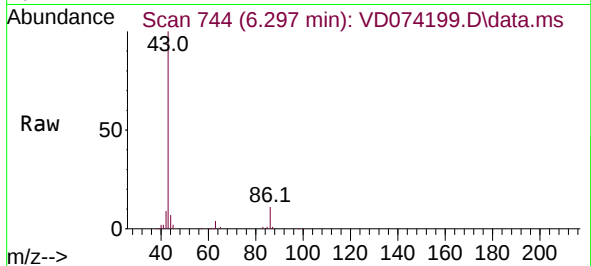




#23
 Vinyl Acetate
 Concen: 102.142 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.005 min
 Lab File: VD074199.D
 Acq: 23 Aug 2022 23:34

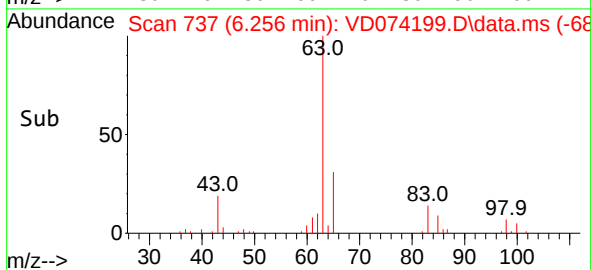
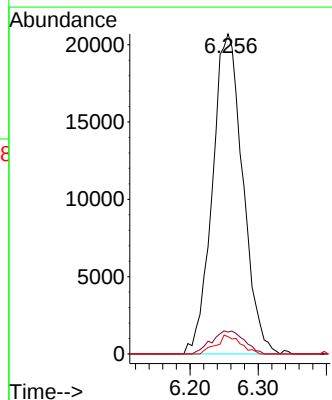
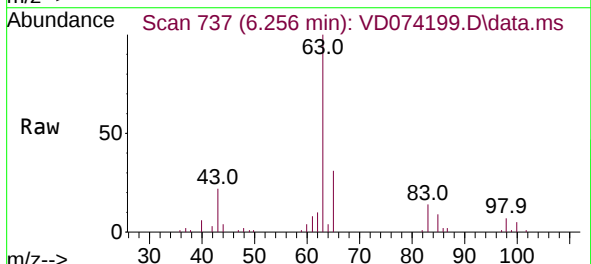
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS02

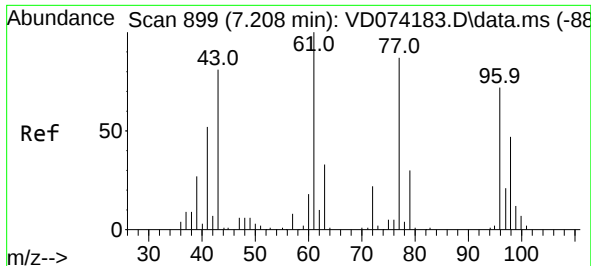
Tgt Ion: 43 Resp: 256809
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.510 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD074199.D
 Acq: 23 Aug 2022 23:34

Tgt Ion: 63 Resp: 64186
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 5.4 2.1 6.5

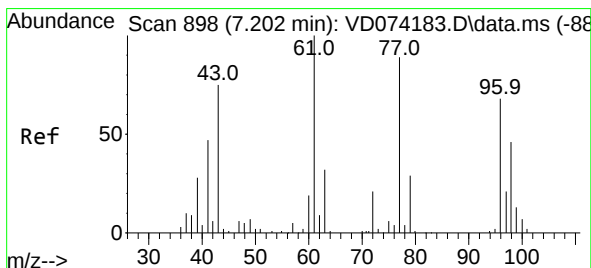
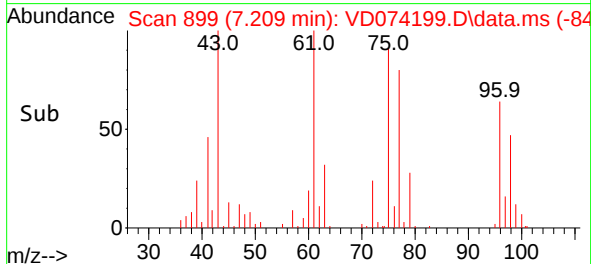
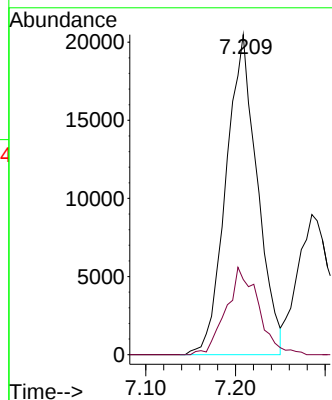
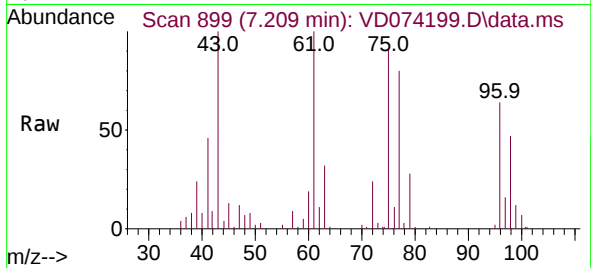




#25
2-Butanone
Concen: 109.914 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

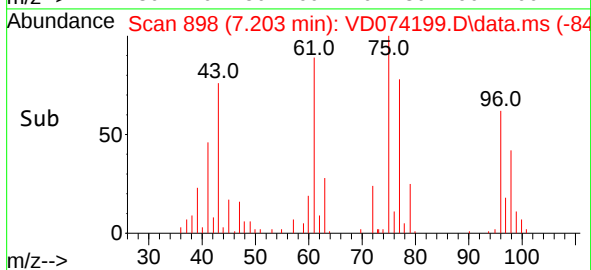
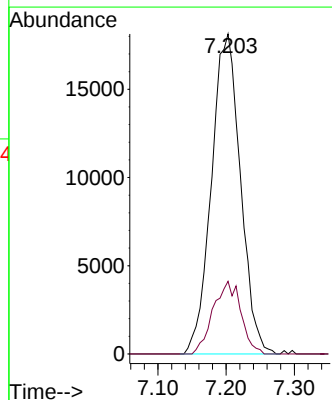
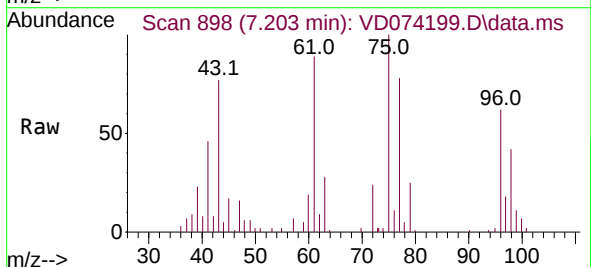
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

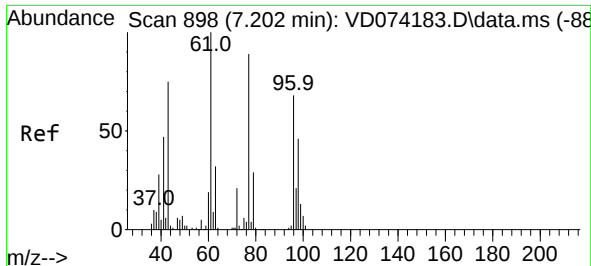
Tgt Ion: 43 Resp: 49635
Ion Ratio Lower Upper
43 100
72 23.5 18.6 27.8



#26
2,2-Dichloropropane
Concen: 19.061 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 77 Resp: 53745
Ion Ratio Lower Upper
77 100
97 21.7 10.8 32.4



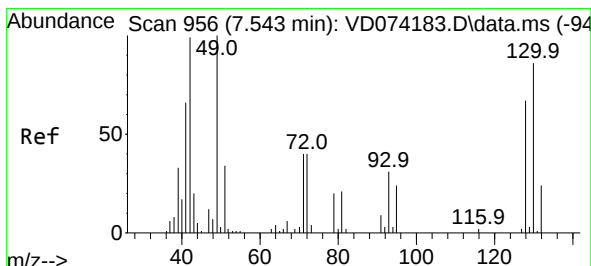
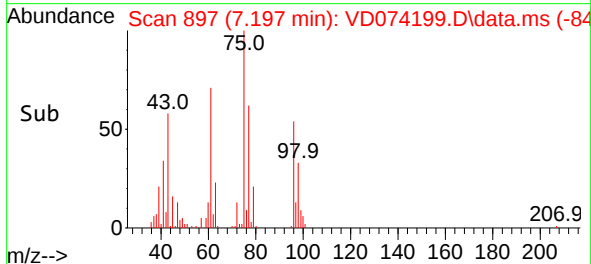
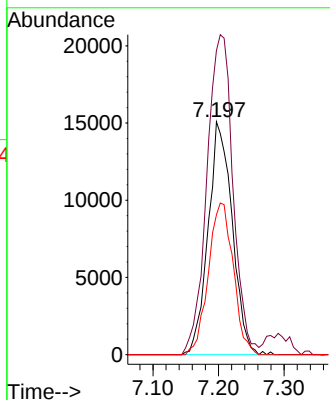
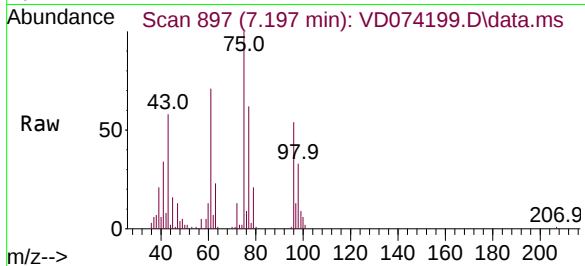


#27
 cis-1,2-Dichloroethene
 Concen: 19.861 ug/l
 RT: 7.197 min Scan# 898
 Delta R.T. -0.005 min
 Lab File: VD074199.D
 Acq: 23 Aug 2022 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS02

Tgt Ion: 96 Resp: 38583

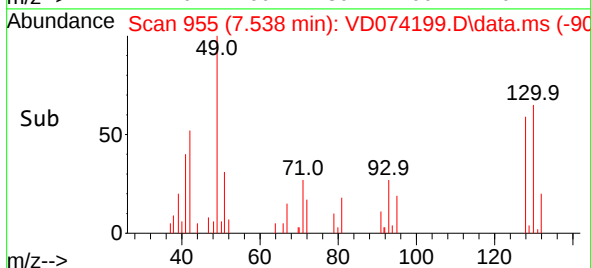
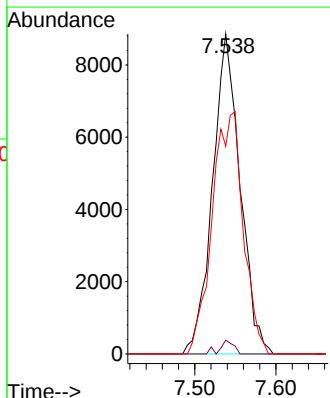
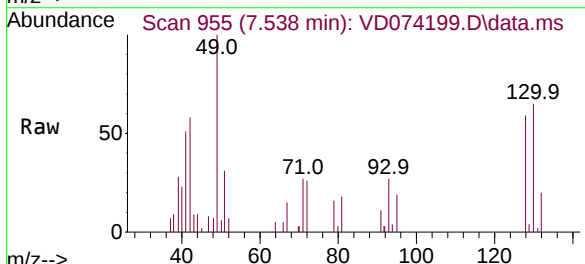
Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	313.8
98	67.1	0.0	128.8

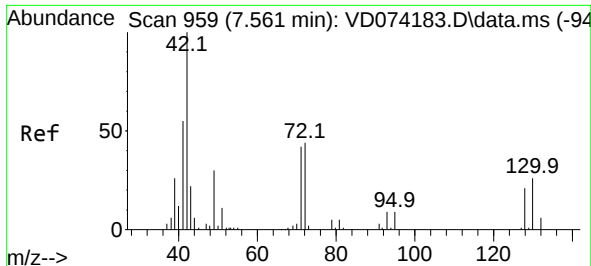


#28
 Bromochloromethane
 Concen: 22.065 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.005 min
 Lab File: VD074199.D
 Acq: 23 Aug 2022 23:34

Tgt Ion: 49 Resp: 20872

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	85.1	52.6	79.0





#29

Tetrahydrofuran

Concen: 110.485 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.001 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBSD02

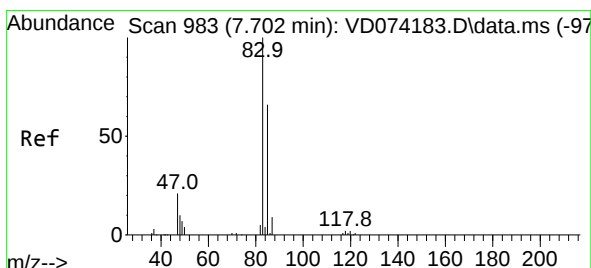
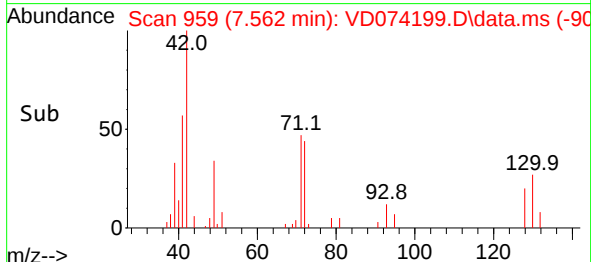
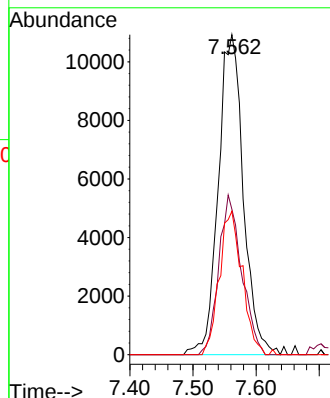
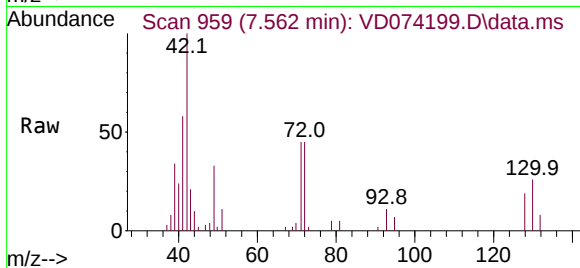
Tgt Ion: 42 Resp: 30110

Ion Ratio Lower Upper

42 100

72 45.6 30.7 46.1

71 41.0 28.6 43.0



#30

Chloroform

Concen: 21.516 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.001 min

Lab File: VD074199.D

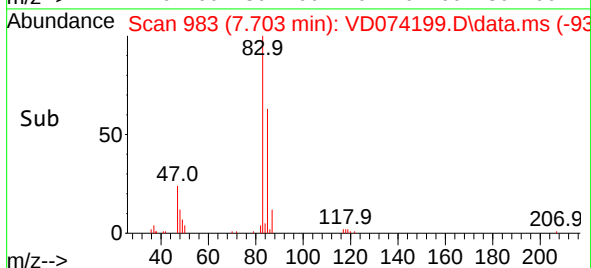
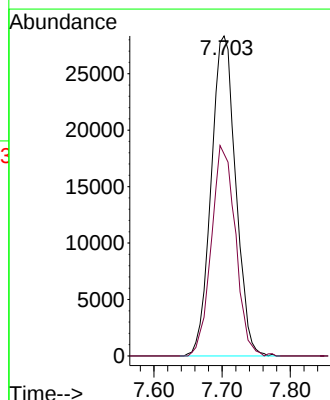
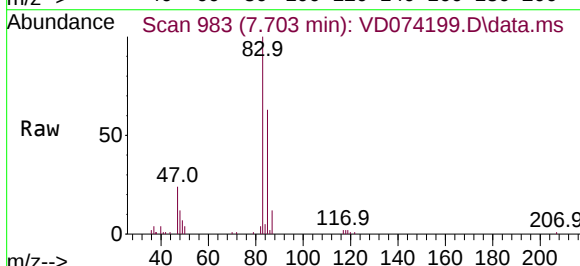
Acq: 23 Aug 2022 23:34

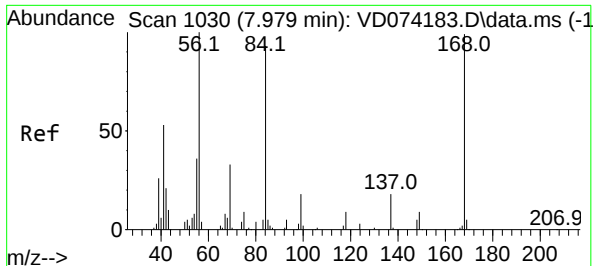
Tgt Ion: 83 Resp: 70993

Ion Ratio Lower Upper

83 100

85 63.1 52.7 79.1

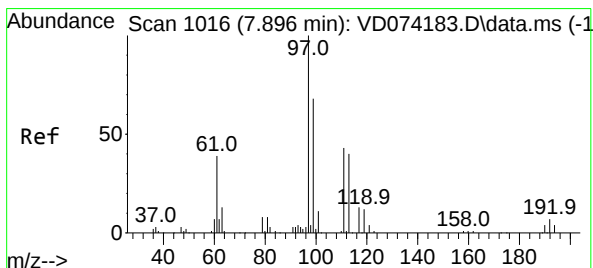
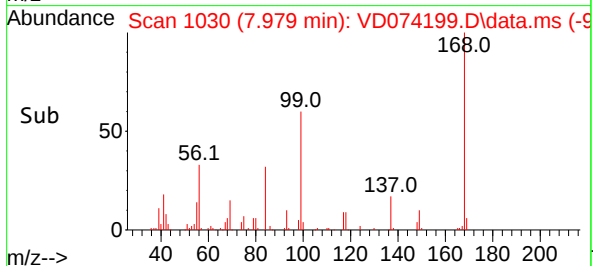
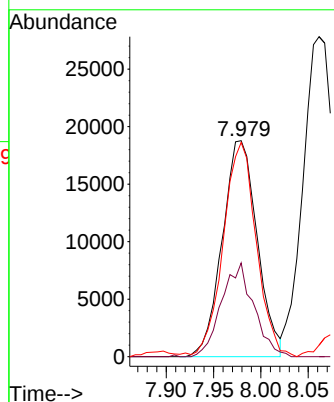
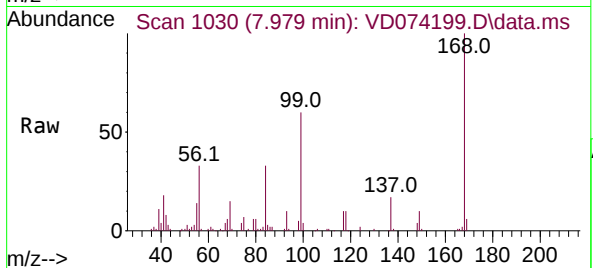




#31
Cyclohexane
Concen: 17.689 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

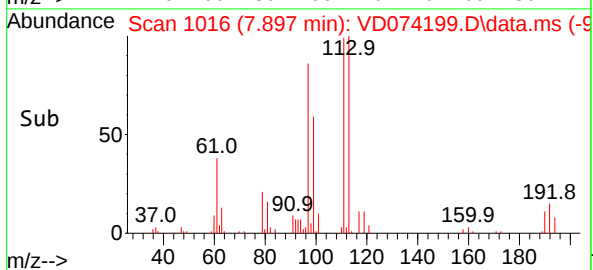
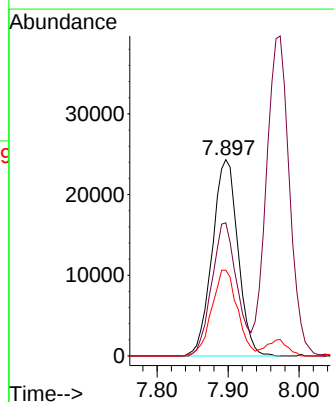
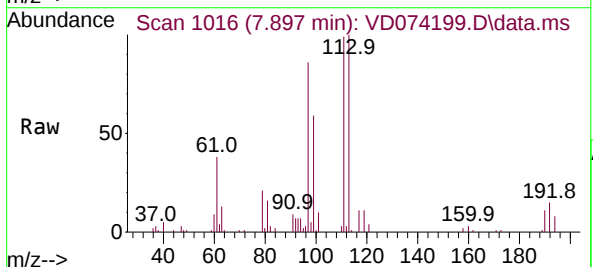
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

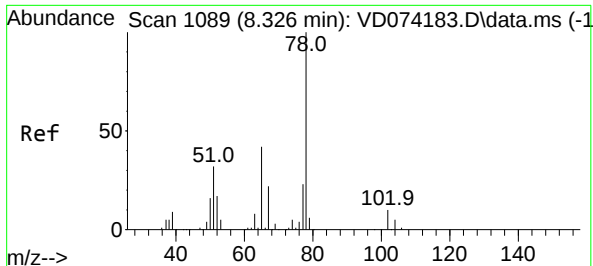
Tgt Ion: 56 Resp: 48206
Ion Ratio Lower Upper
56 100
69 43.4 25.4 38.2#
84 98.0 63.0 94.4#



#32
1,1,1-Trichloroethane
Concen: 19.966 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 97 Resp: 61046
Ion Ratio Lower Upper
97 100
99 66.8 52.4 78.6
61 43.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 47.604 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

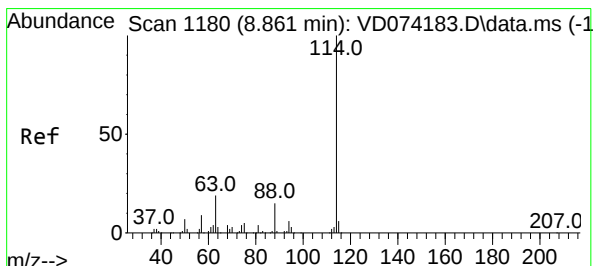
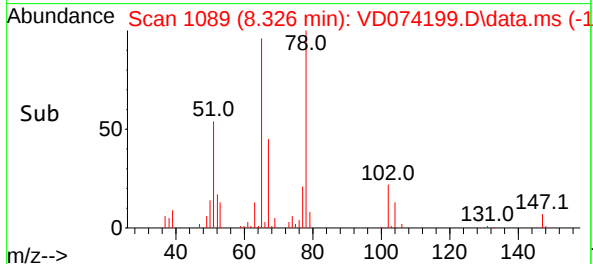
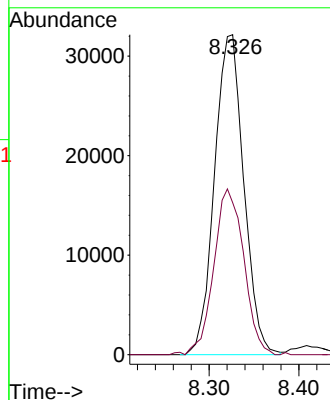
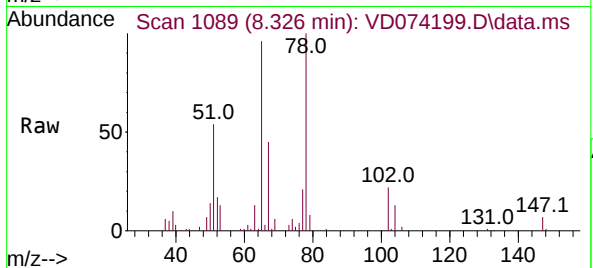
VD0823SBSD02

Tgt Ion: 65 Resp: 72886

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

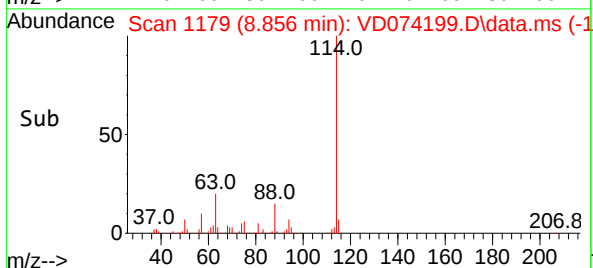
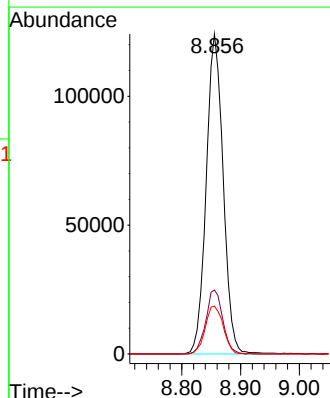
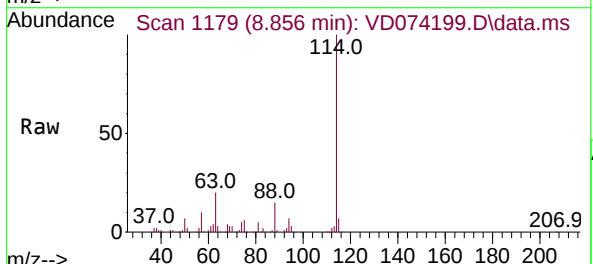
Tgt Ion: 114 Resp: 248397

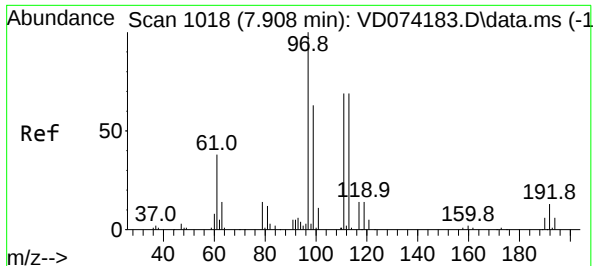
Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 15.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.584 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBSD02

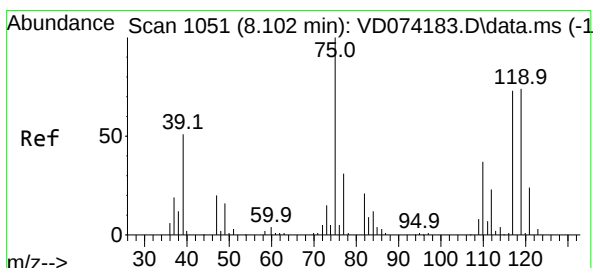
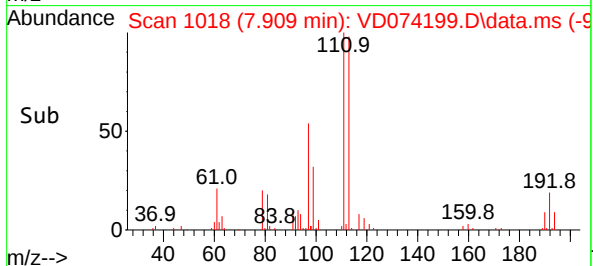
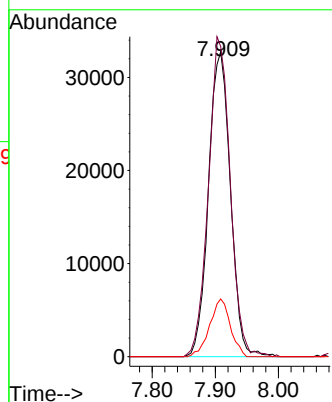
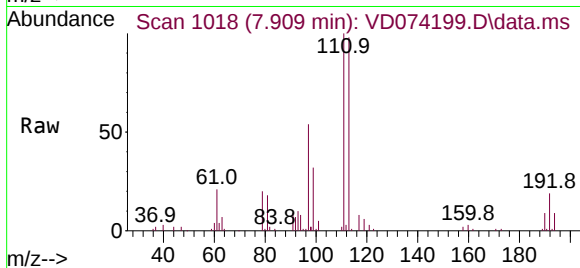
Tgt Ion:113 Resp: 79061

Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 18.445 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.007 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

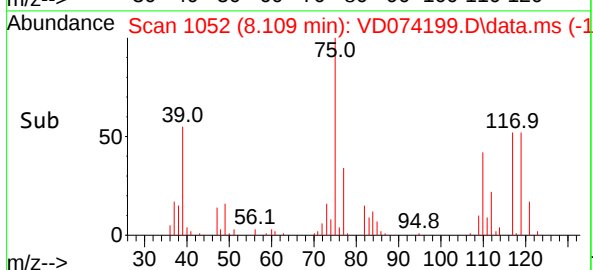
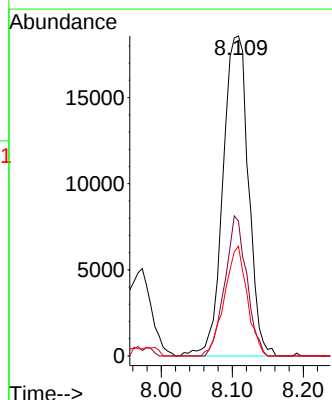
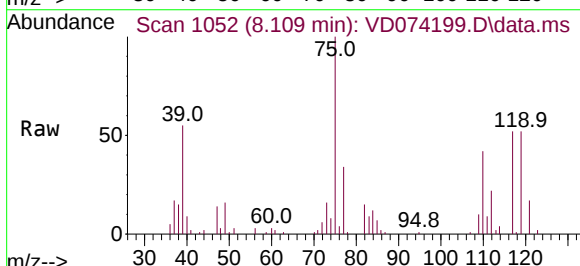
Tgt Ion: 75 Resp: 46320

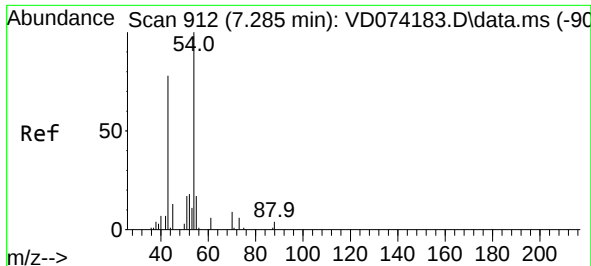
Ion Ratio Lower Upper

75 100

110 37.4 16.4 49.1

77 30.7 24.2 36.2





#37

Ethyl Acetate

Concen: 21.559 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBSD02

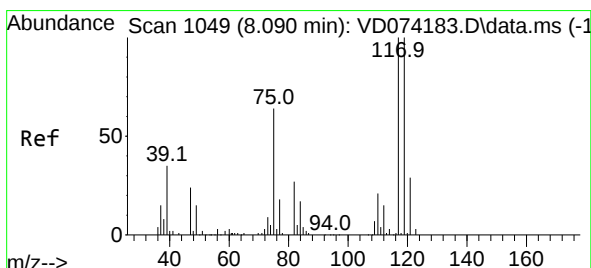
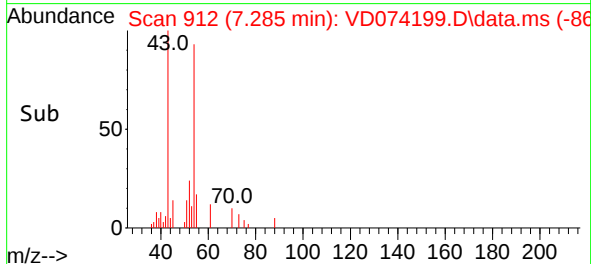
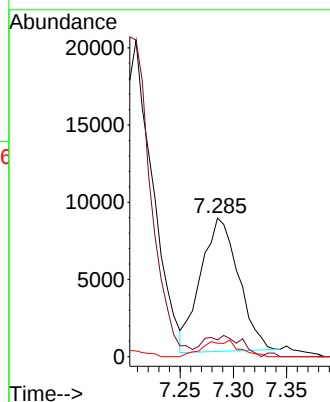
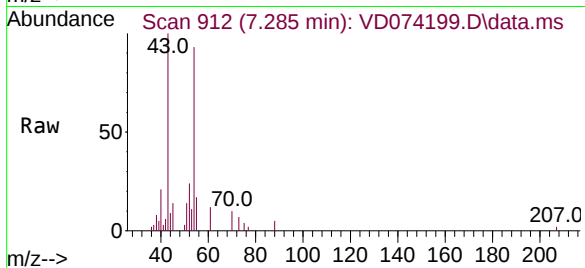
Tgt Ion: 43 Resp: 21346

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 11.5 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 19.056 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.005 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

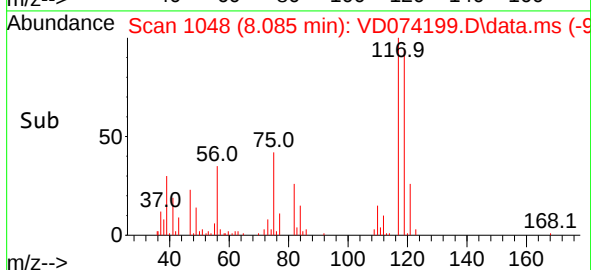
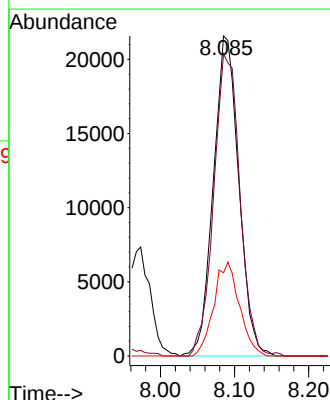
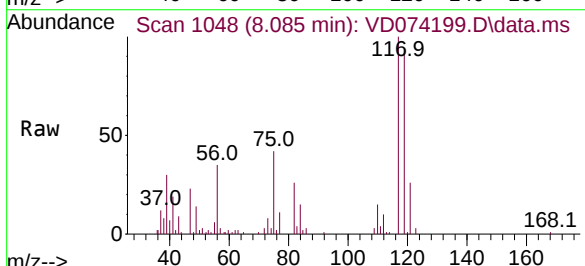
Tgt Ion: 117 Resp: 51405

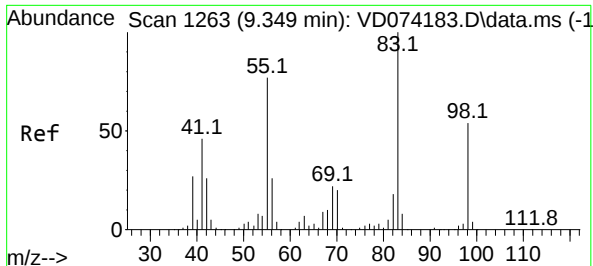
Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.6

121 26.0 24.5 36.7





#39

Methylcyclohexane

Concen: 17.208 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBSD02

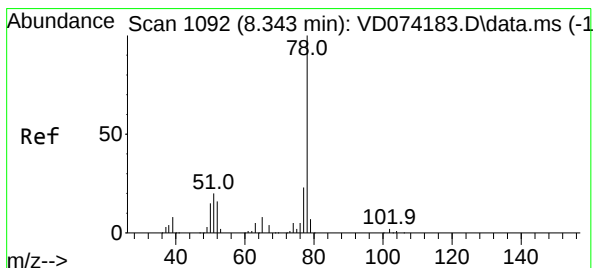
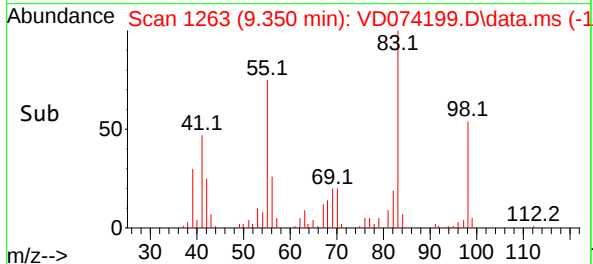
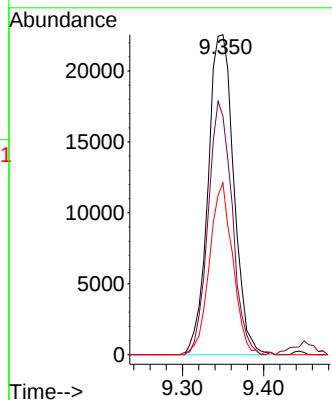
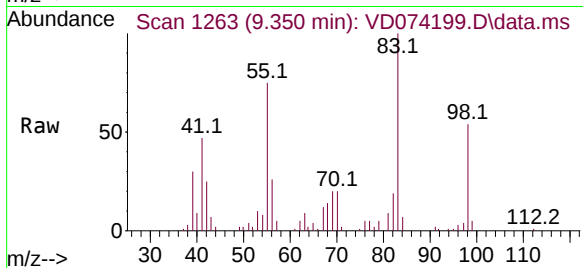
Tgt Ion: 83 Resp: 49766

Ion Ratio Lower Upper

83 100

55 74.5 63.2 94.8

98 53.7 38.2 57.4



#40

Benzene

Concen: 19.753 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.001 min

Lab File: VD074199.D

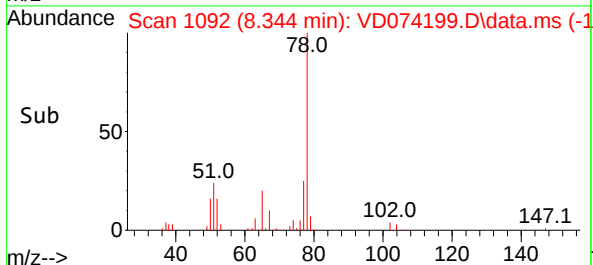
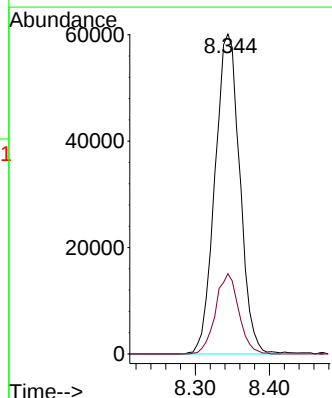
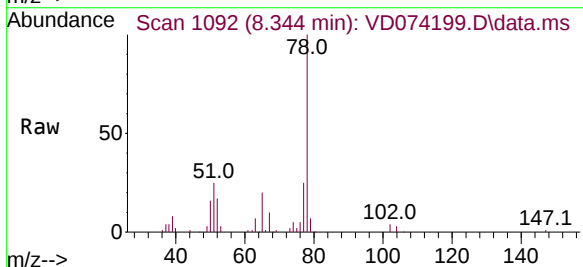
Acq: 23 Aug 2022 23:34

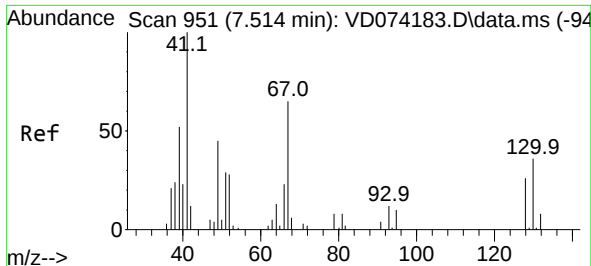
Tgt Ion: 78 Resp: 139824

Ion Ratio Lower Upper

78 100

77 25.1 19.1 28.7



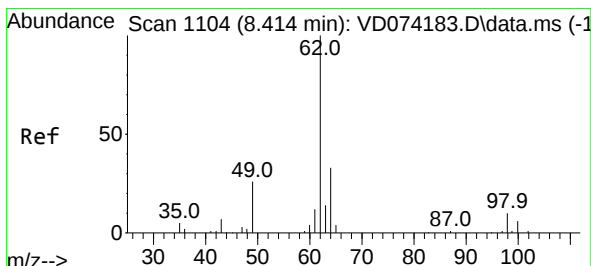
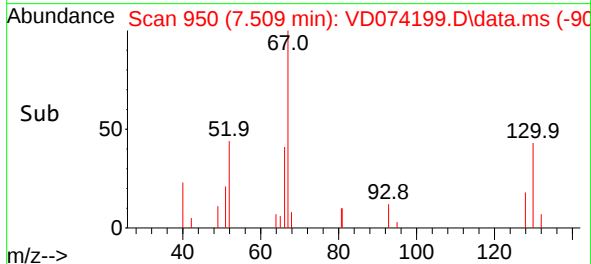
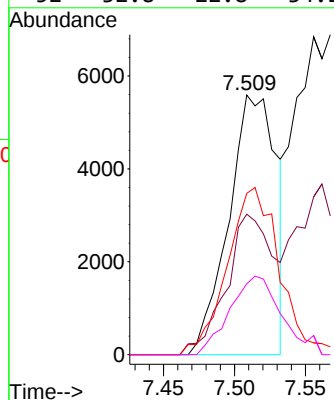
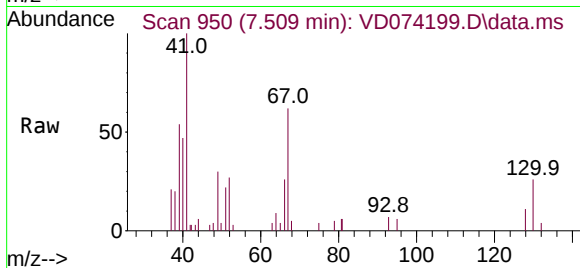


#41
Methacrylonitrile
Concen: 21.931 ug/l
RT: 7.509 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

Tgt Ion: 41 Resp: 13053

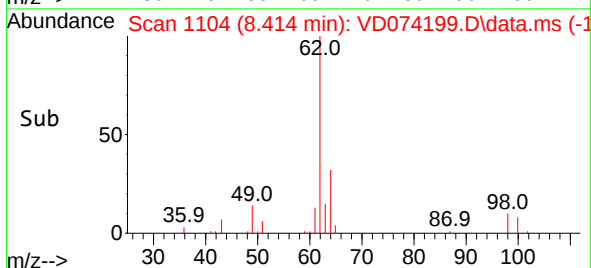
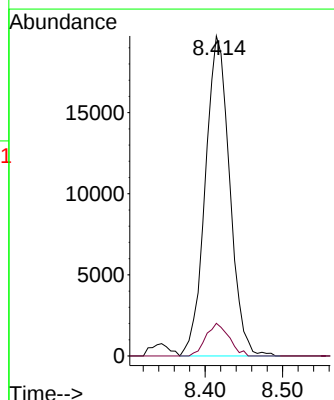
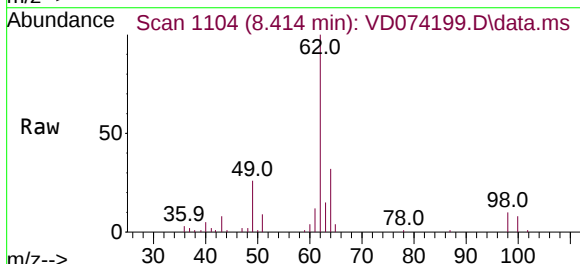
Ion	Ratio	Lower	Upper
41	100		
39	53.7	44.6	67.0
67	70.3	48.2	72.4
52	32.8	22.8	34.2

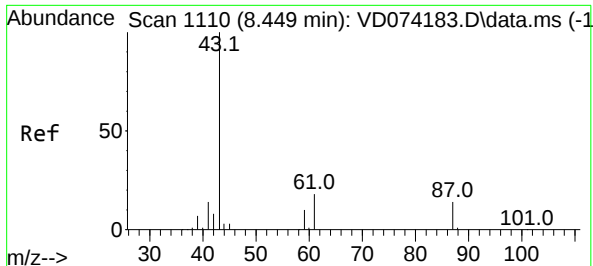


#42
1,2-Dichloroethane
Concen: 20.673 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 62 Resp: 43135

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.6





#43

Isopropyl Acetate

Concen: 21.988 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.005 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBSD02

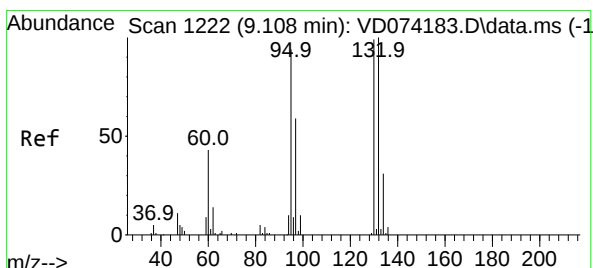
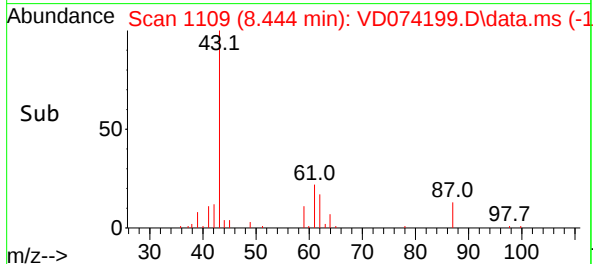
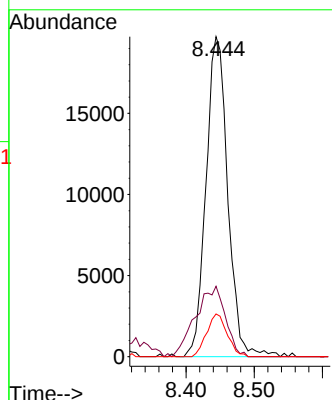
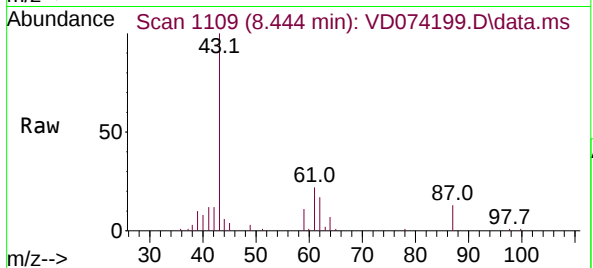
Tgt Ion: 43 Resp: 43792

Ion Ratio Lower Upper

43 100

61 30.1 22.4 33.6

87 12.6 8.7 13.1



#44

Trichloroethene

Concen: 19.271 ug/l

RT: 9.103 min Scan# 1221

Delta R.T. -0.005 min

Lab File: VD074199.D

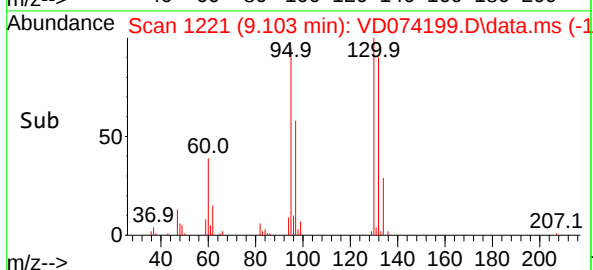
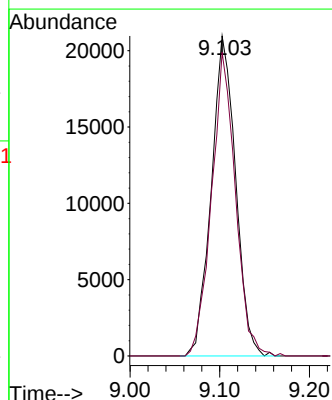
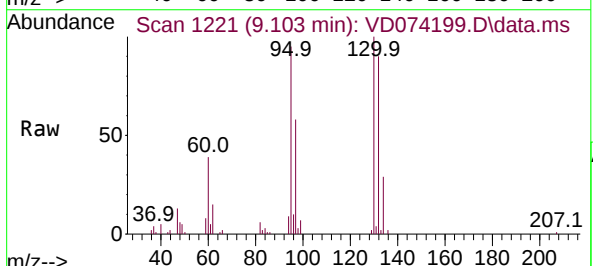
Acq: 23 Aug 2022 23:34

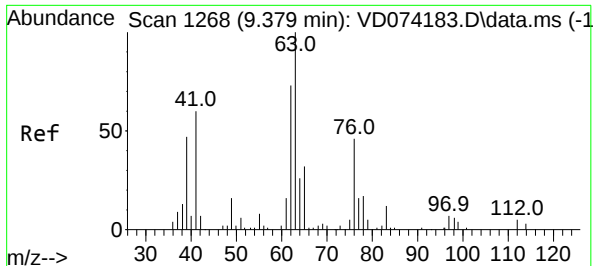
Tgt Ion:130 Resp: 39548

Ion Ratio Lower Upper

130 100

95 94.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.639 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

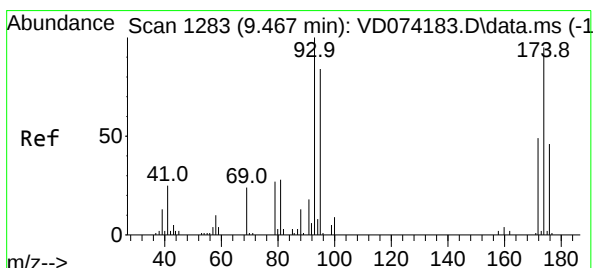
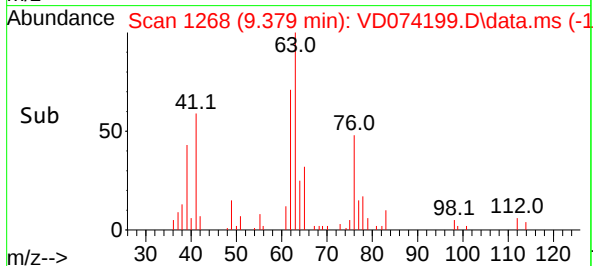
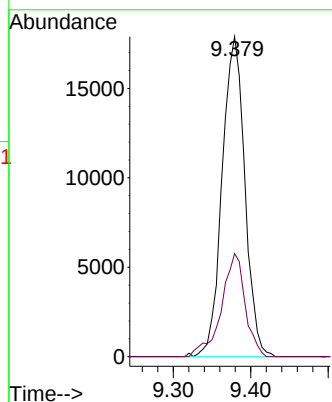
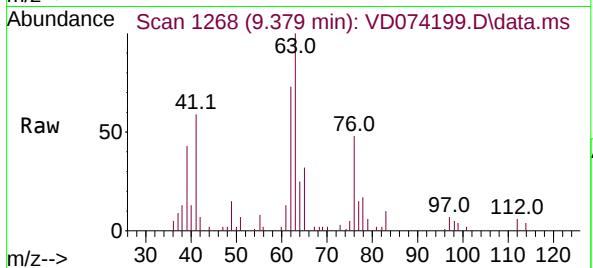
VD0823SBSD02

Tgt Ion: 63 Resp: 36469

Ion Ratio Lower Upper

63 100

65 32.2 26.2 39.4



#46

Dibromomethane

Concen: 21.247 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

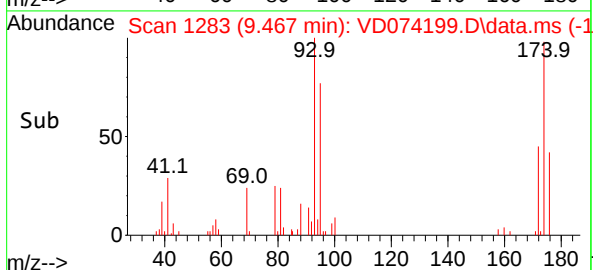
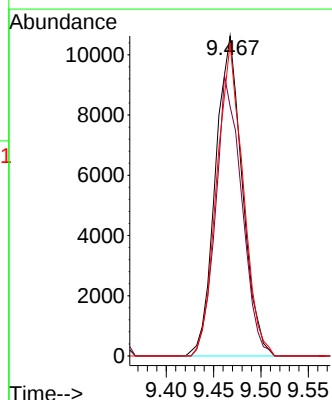
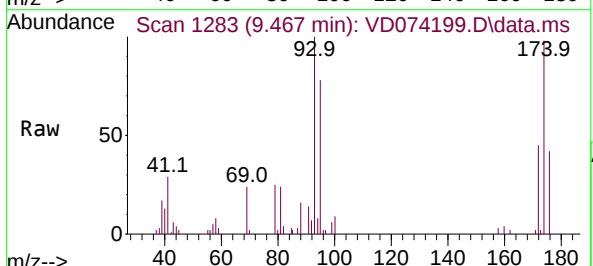
Tgt Ion: 93 Resp: 20945

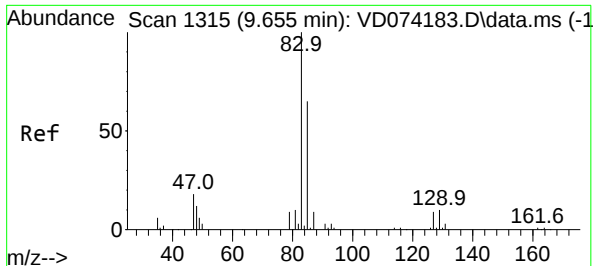
Ion Ratio Lower Upper

93 100

95 84.9 66.7 100.1

174 95.4 71.6 107.4

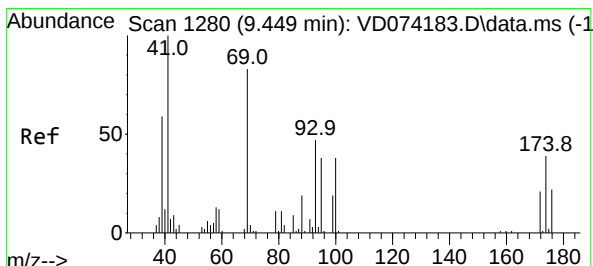
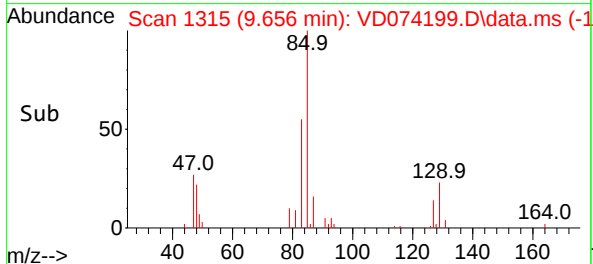
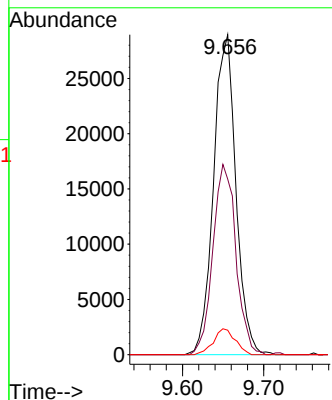
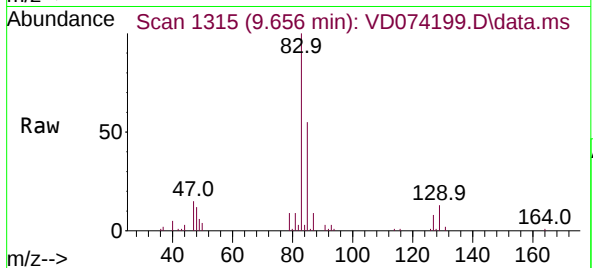




#47
Bromodichloromethane
Concen: 21.634 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

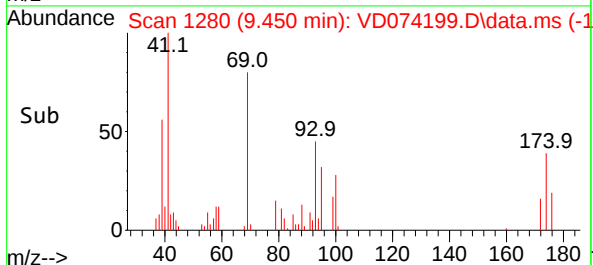
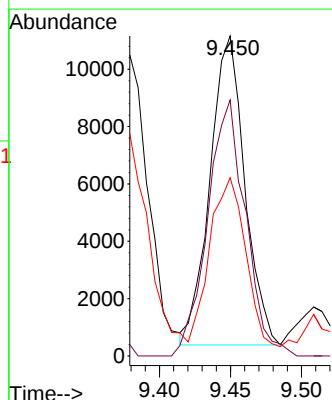
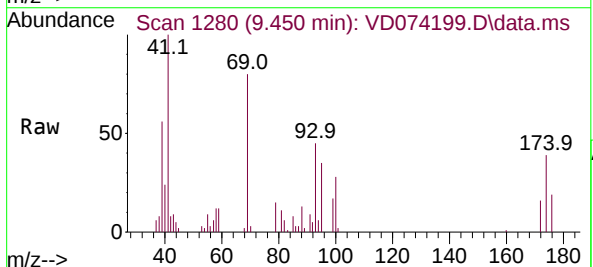
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

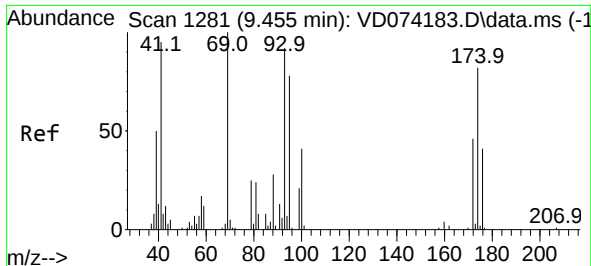
Tgt Ion: 83 Resp: 55470
Ion Ratio Lower Upper
83 100
85 54.9 51.4 77.0
127 7.7 6.1 9.1



#48
Methyl methacrylate
Concen: 19.912 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 41 Resp: 18334
Ion Ratio Lower Upper
41 100
69 90.5 56.7 85.1#
39 56.4 42.7 64.1





#49

1,4-Dioxane

Concen: 416.416 ug/l

RT: 9.456 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBSD02

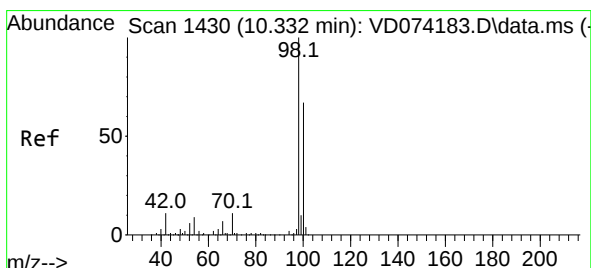
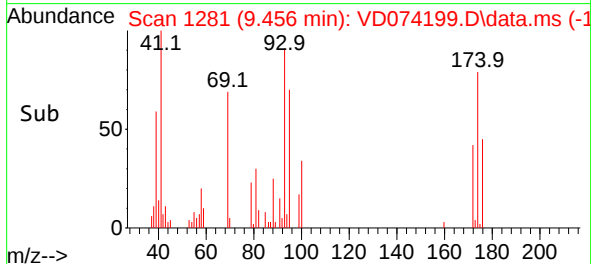
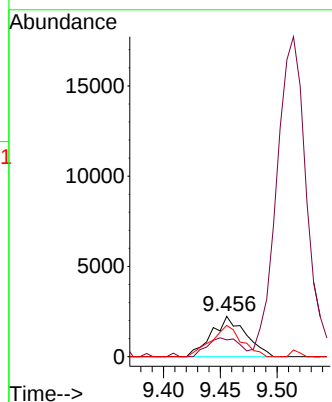
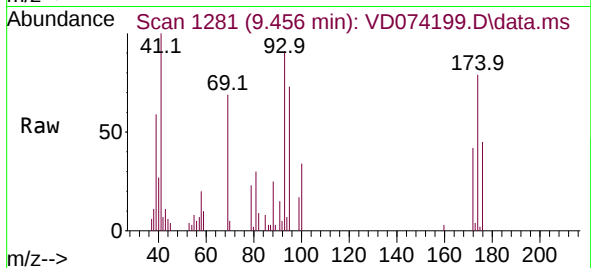
Tgt Ion: 88 Resp: 4658

Ion Ratio Lower Upper

88 100

43 43.8 31.0 46.4

58 69.1 58.1 87.1



#50

Toluene-d8

Concen: 45.816 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074199.D

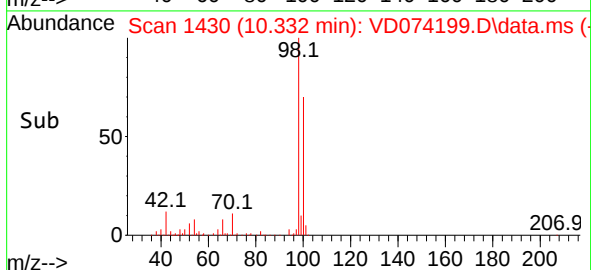
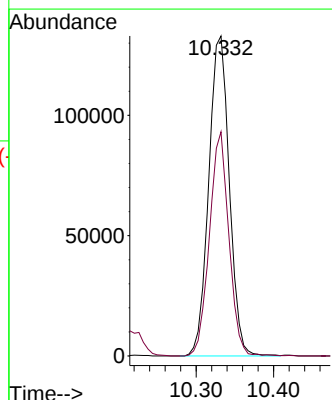
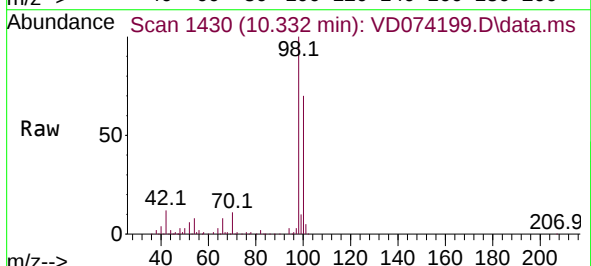
Acq: 23 Aug 2022 23:34

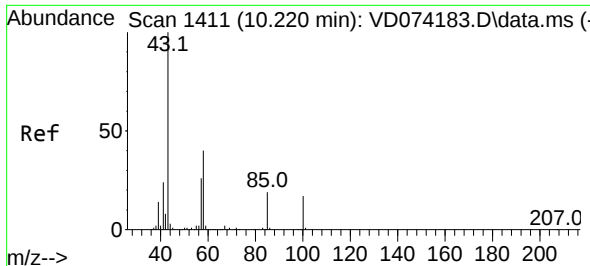
Tgt Ion: 98 Resp: 244994

Ion Ratio Lower Upper

98 100

100 66.3 52.4 78.6

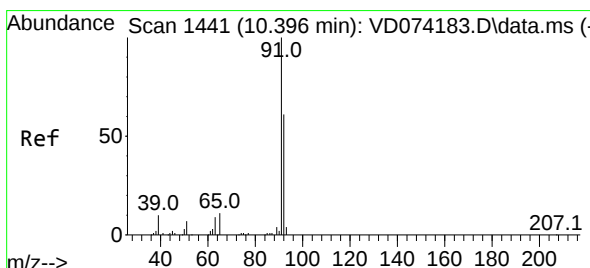
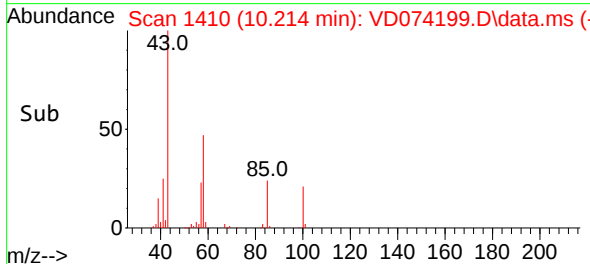
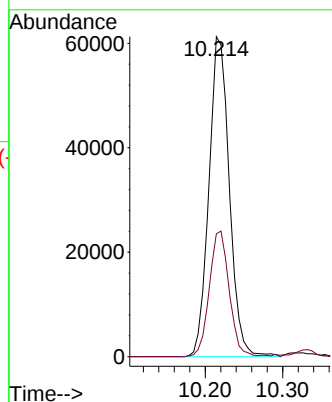
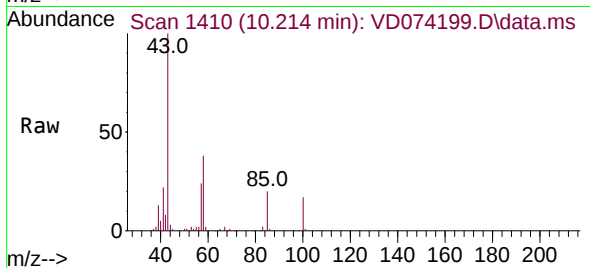




#51
4-Methyl-2-Pentanone
Concen: 112.899 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

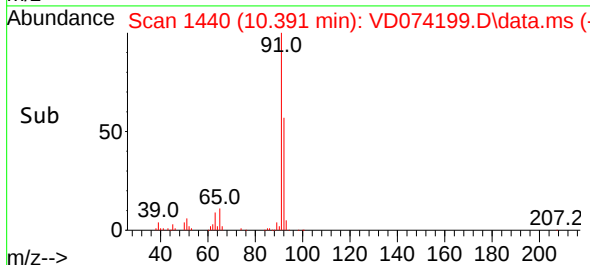
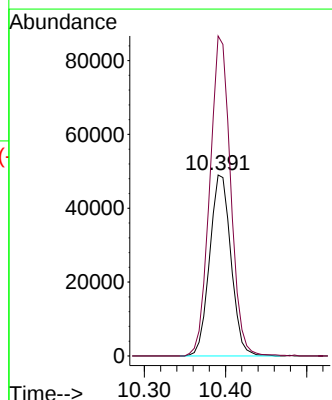
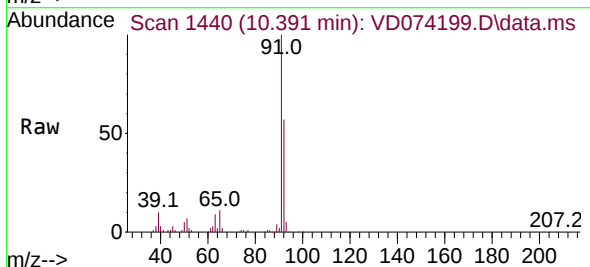
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

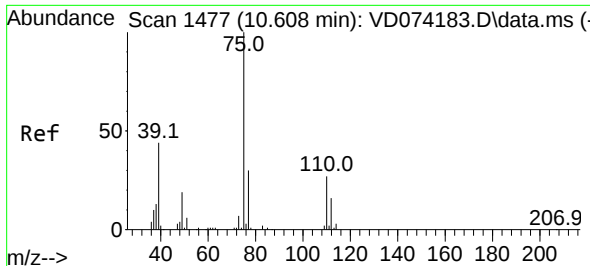
Tgt Ion: 43 Resp: 112336
Ion Ratio Lower Upper
43 100
58 38.2 28.6 43.0



#52
Toluene
Concen: 19.199 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.005 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 92 Resp: 89336
Ion Ratio Lower Upper
92 100
91 172.9 139.6 209.4

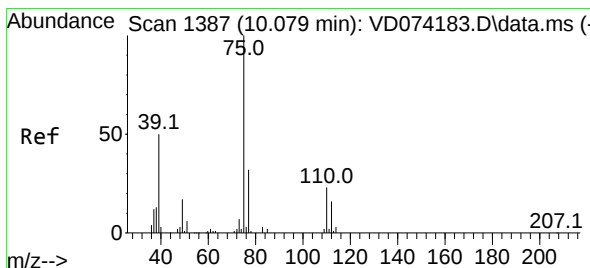
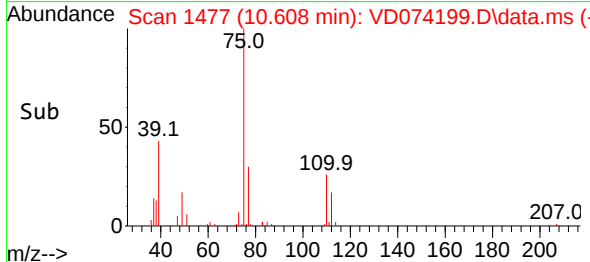
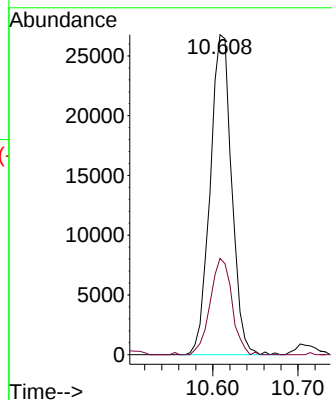
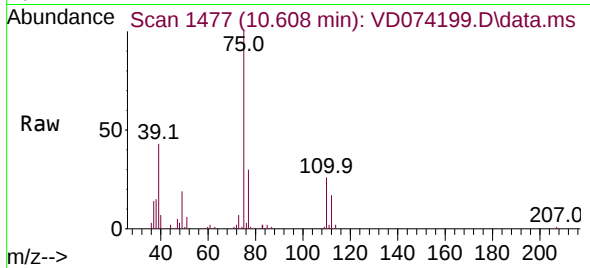




#53
 t-1,3-Dichloropropene
 Concen: 20.248 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. 0.000 min
 Lab File: VD074199.D
 Acq: 23 Aug 2022 23:34

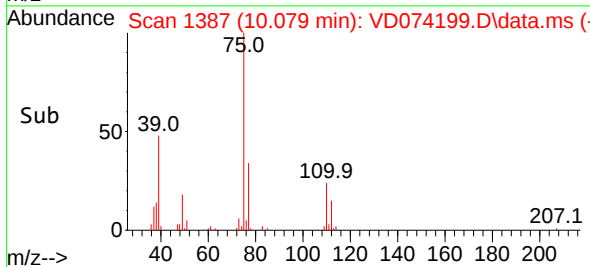
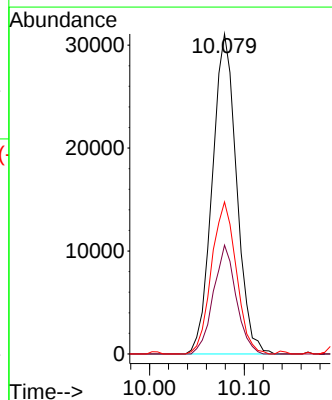
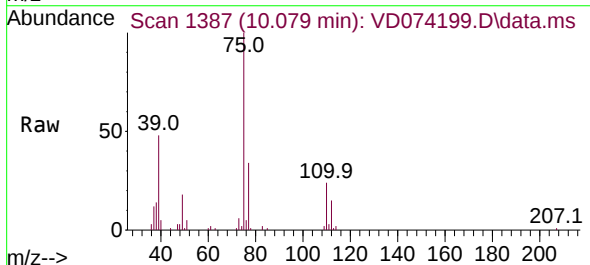
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS02

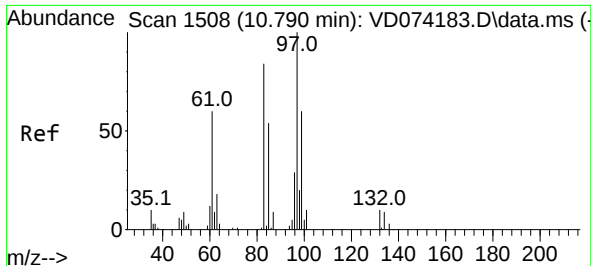
Tgt Ion: 75 Resp: 47080
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.108 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD074199.D
 Acq: 23 Aug 2022 23:34

Tgt Ion: 75 Resp: 55436
 Ion Ratio Lower Upper
 75 100
 77 34.0 24.8 37.2
 39 47.5 46.8 70.2

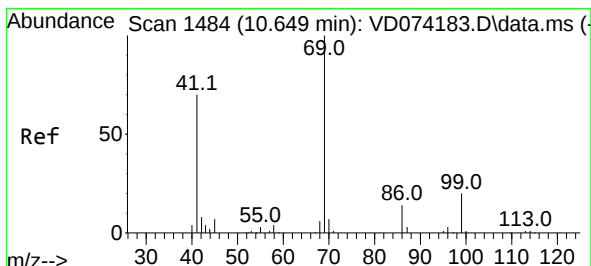
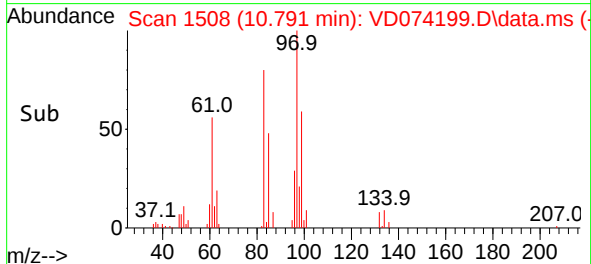
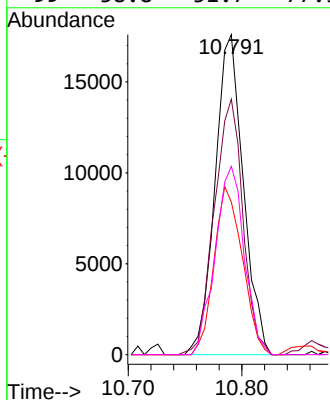
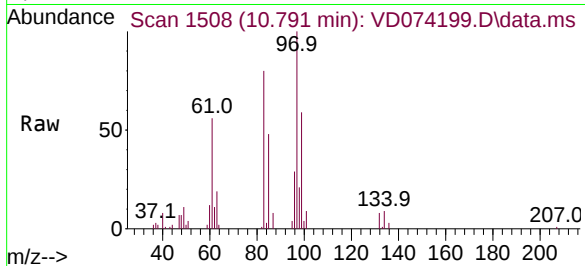




#55
1,1,2-Trichloroethane
Concen: 22.615 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

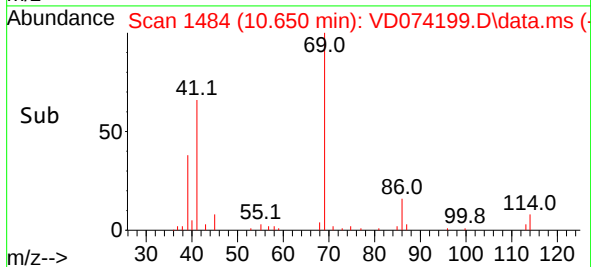
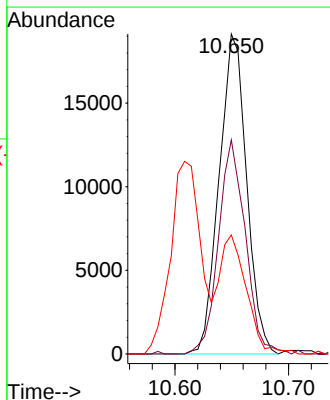
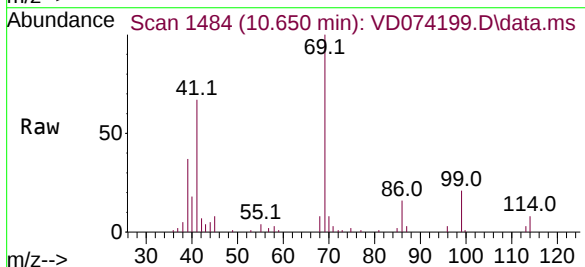
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

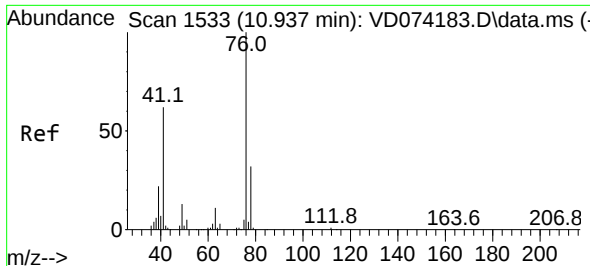
Tgt Ion: 97	Resp: 30491
Ion Ratio	Lower Upper
97 100	
83 79.9	69.0 103.4
85 47.7	42.6 63.8
99 58.8	51.7 77.5



#56
Ethyl methacrylate
Concen: 20.892 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 69	Resp: 32178
Ion Ratio	Lower Upper
69 100	
41 65.4	63.0 94.6
39 36.6	33.8 50.8





#57

1,3-Dichloropropane

Concen: 21.486 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.001 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

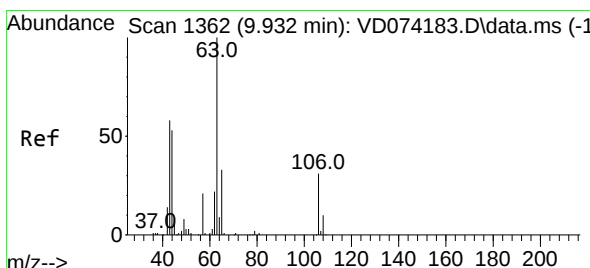
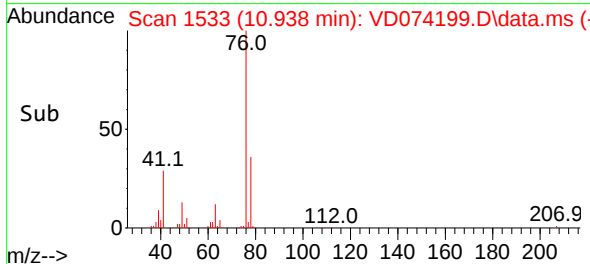
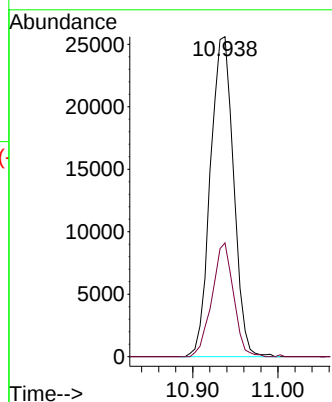
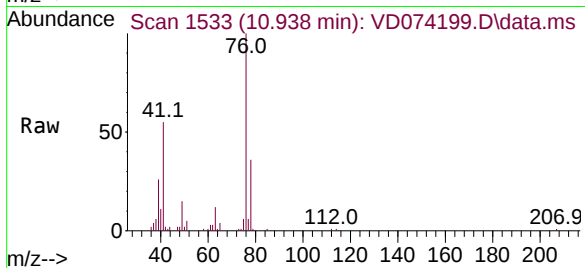
VD0823SBSD02

Tgt Ion: 76 Resp: 48408

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 113.650 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD074199.D

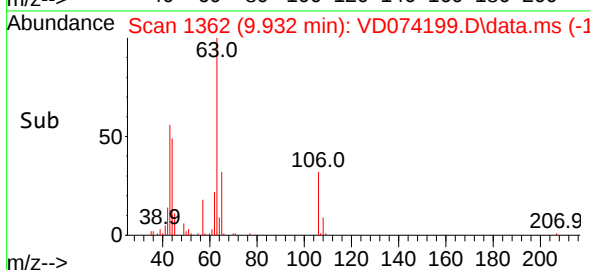
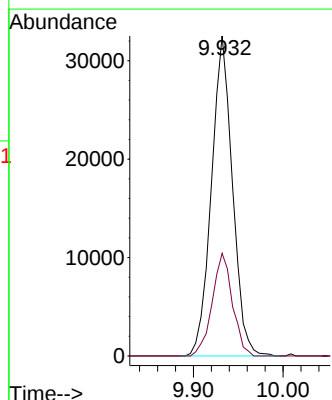
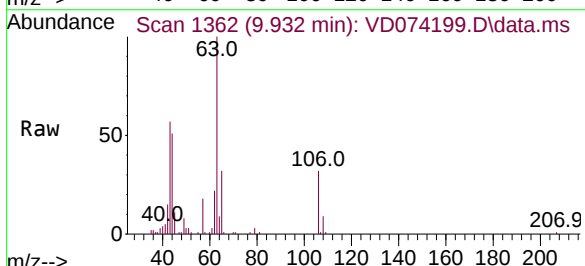
Acq: 23 Aug 2022 23:34

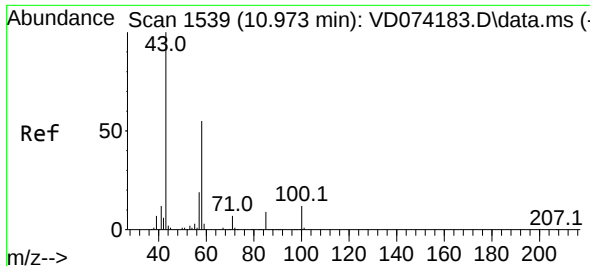
Tgt Ion: 63 Resp: 52986

Ion Ratio Lower Upper

63 100

106 30.8 21.4 32.0

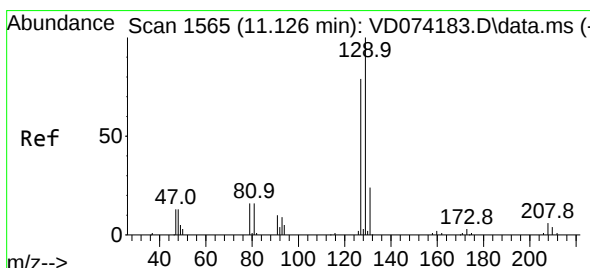
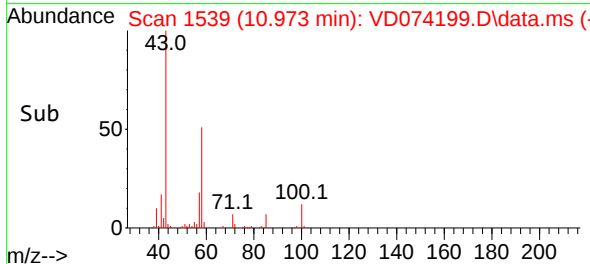
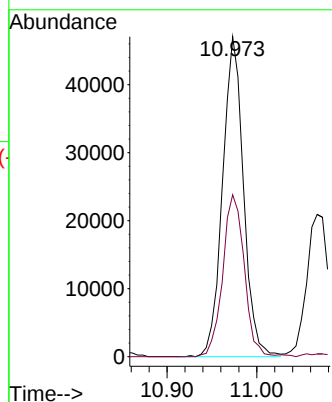
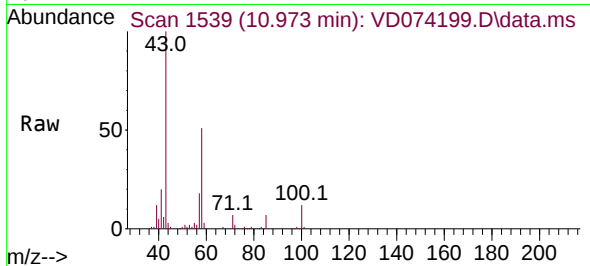




#59
2-Hexanone
Concen: 113.520 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

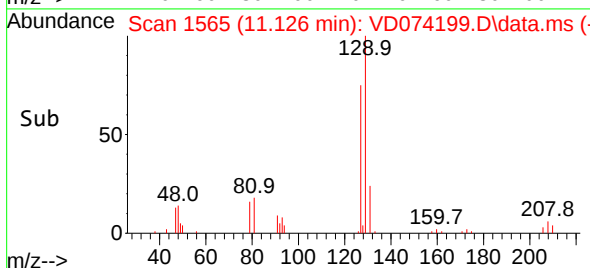
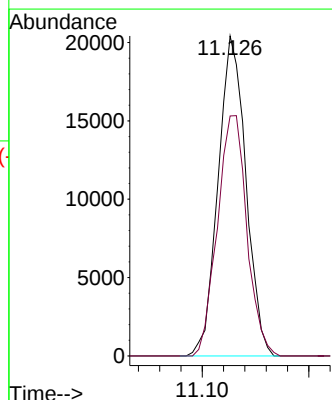
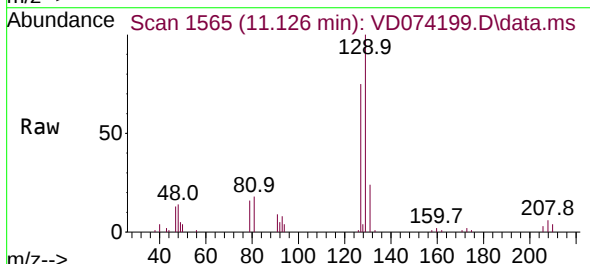
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

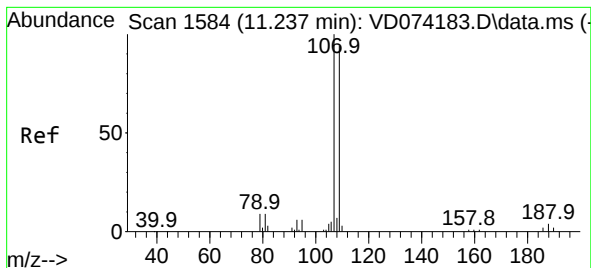
Tgt Ion: 43 Resp: 76158
Ion Ratio Lower Upper
43 100
58 51.9 25.3 75.9



#60
Dibromochloromethane
Concen: 21.112 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 129 Resp: 36965
Ion Ratio Lower Upper
129 100
127 79.7 39.2 117.6

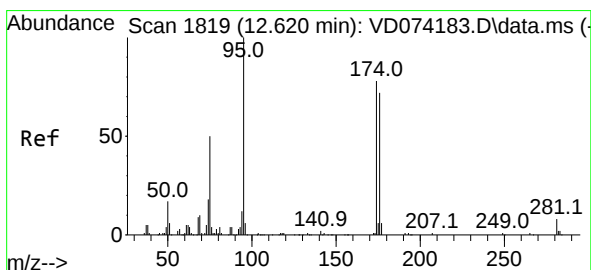
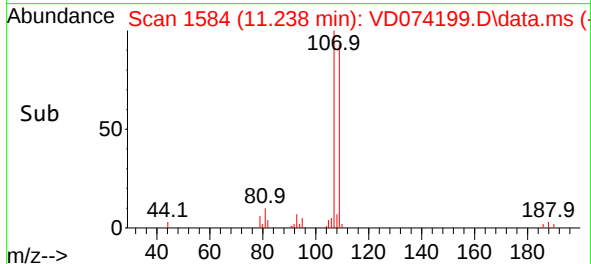
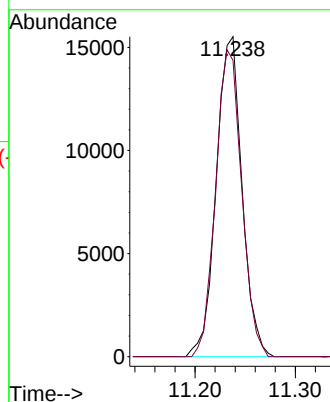
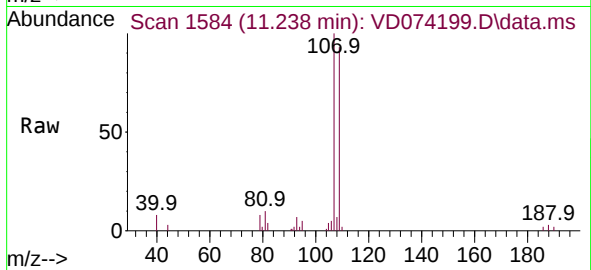




#61
1,2-Dibromoethane
Concen: 21.088 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

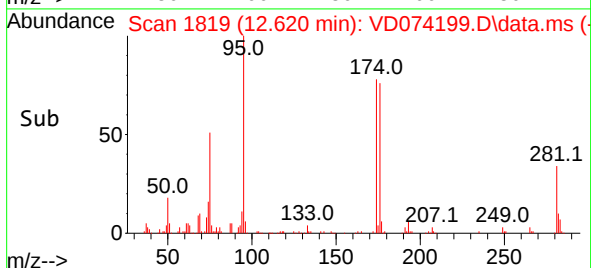
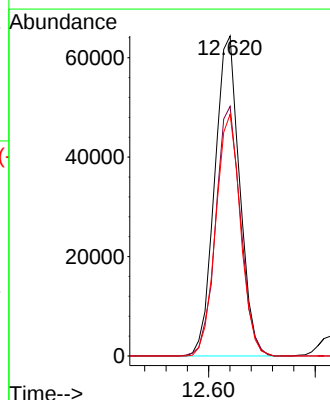
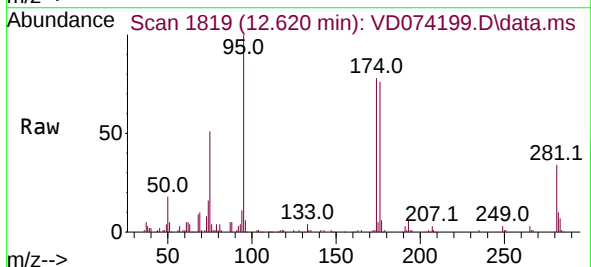
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

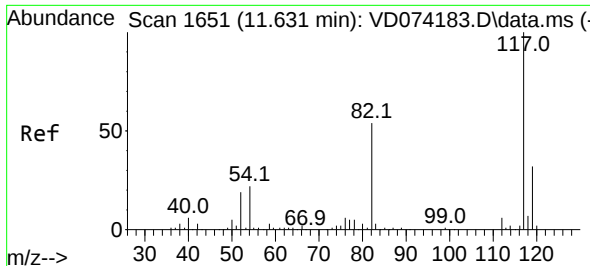
Tgt Ion:107 Resp: 27733
Ion Ratio Lower Upper
107 100
109 96.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.417 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 95 Resp: 104393
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 74.9 0.0 145.4

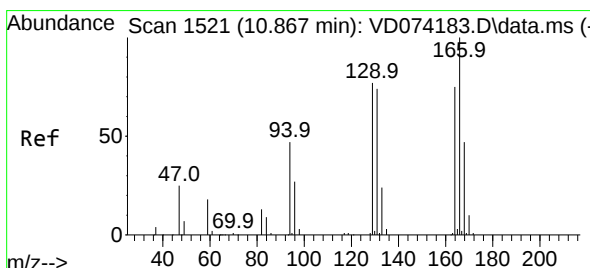
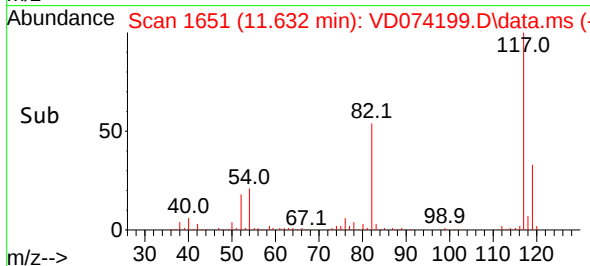
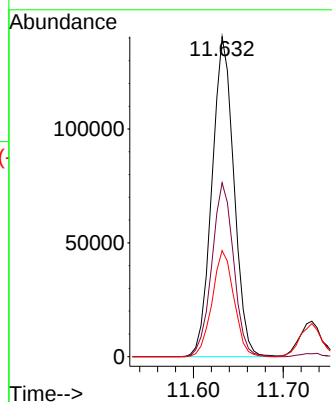
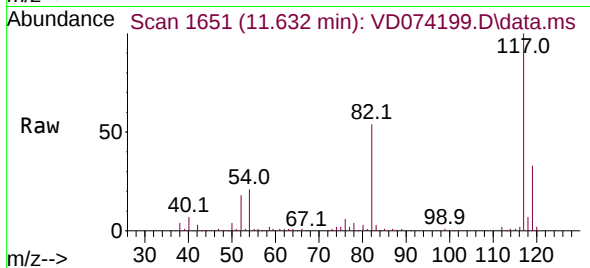




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

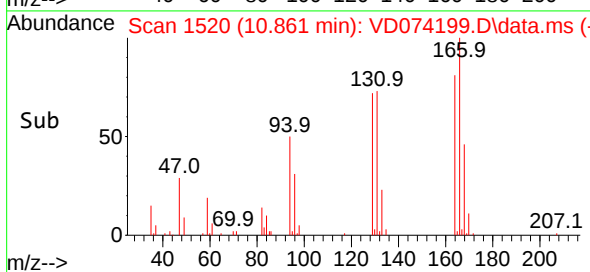
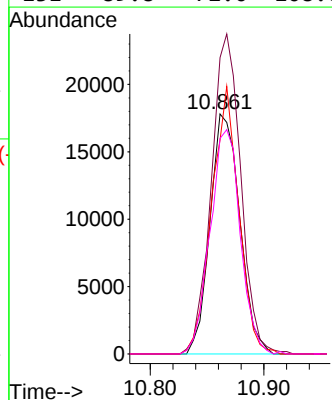
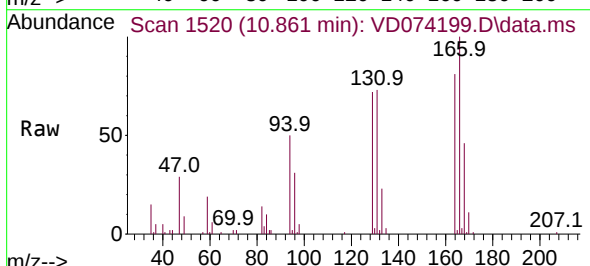
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

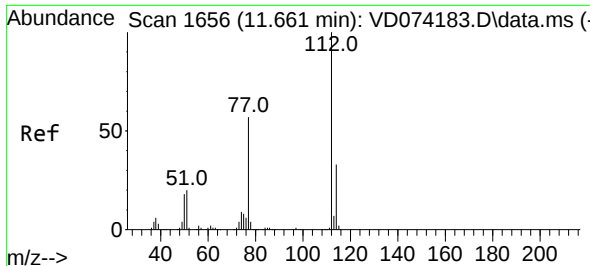
Tgt Ion:117 Resp: 238514
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 33.2 26.6 40.0



#64
Tetrachloroethene
Concen: 18.606 ug/l
RT: 10.861 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion:164 Resp: 32384
Ion Ratio Lower Upper
164 100
166 123.5 98.5 147.7
129 89.2 74.6 111.8
131 89.8 72.0 108.0

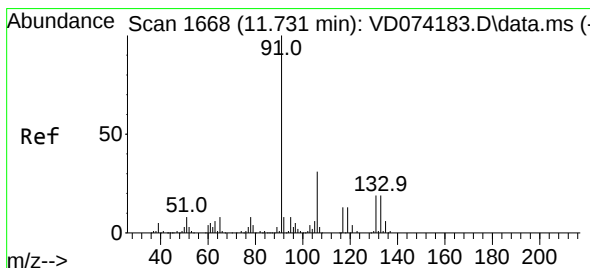
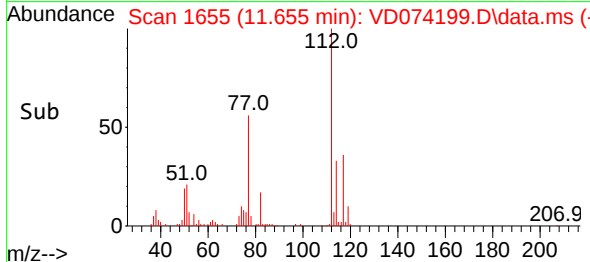
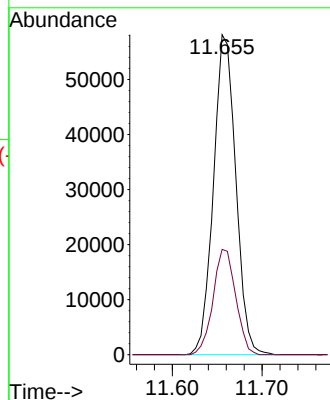
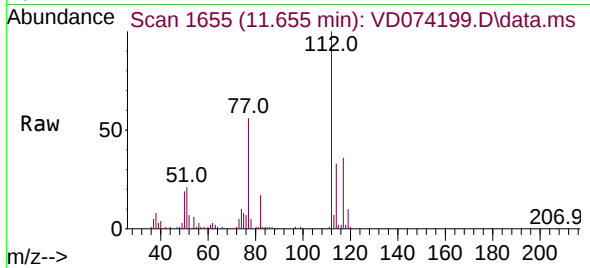




#65
Chlorobenzene
Concen: 19.340 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

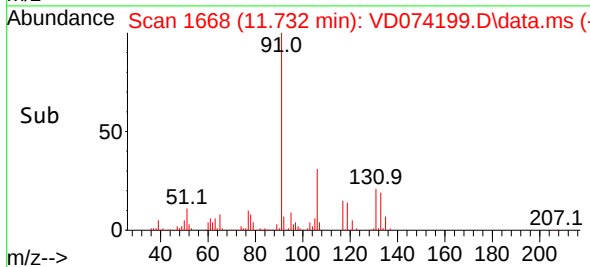
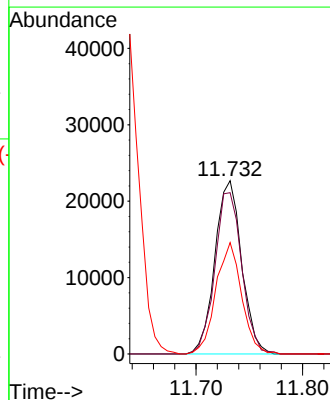
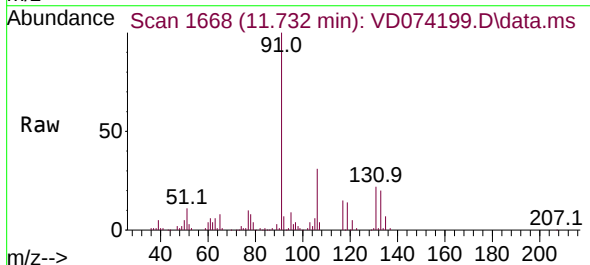
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

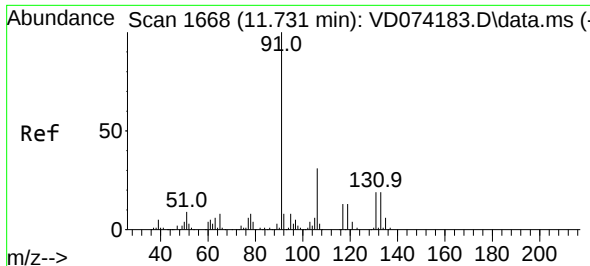
Tgt Ion:112 Resp: 100534
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.242 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion:131 Resp: 39559
Ion Ratio Lower Upper
131 100
133 93.7 48.1 144.3
119 61.9 31.9 95.9





#67

Ethyl Benzene

Concen: 19.116 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.001 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

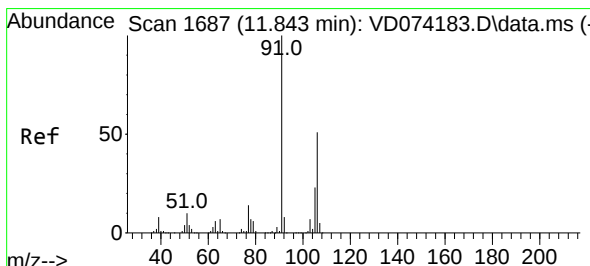
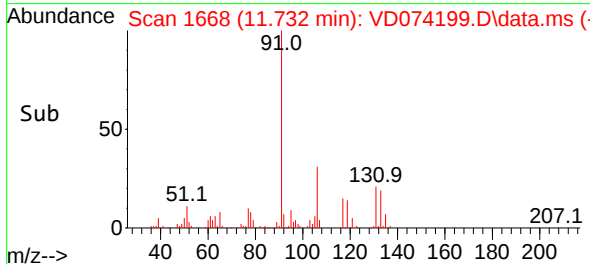
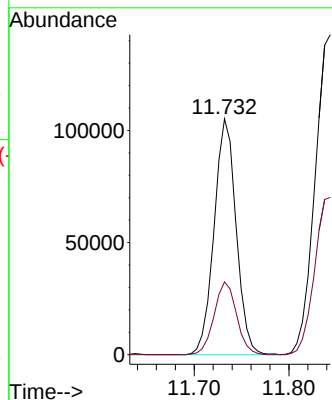
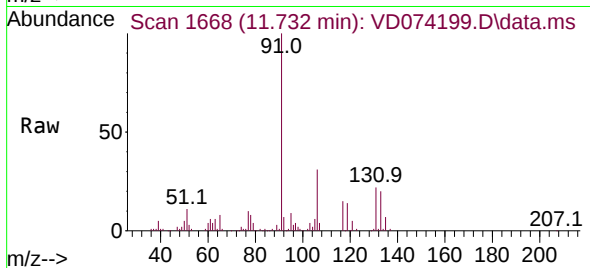
VD0823SBSD02

Tgt Ion: 91 Resp: 170061

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



#68

m/p-Xylenes

Concen: 38.416 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.001 min

Lab File: VD074199.D

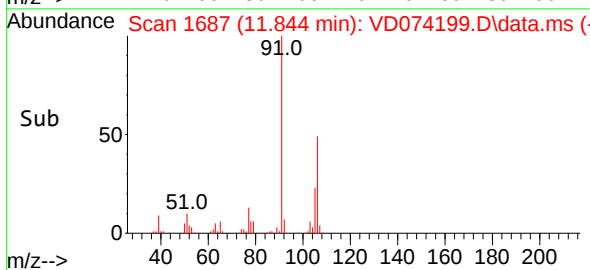
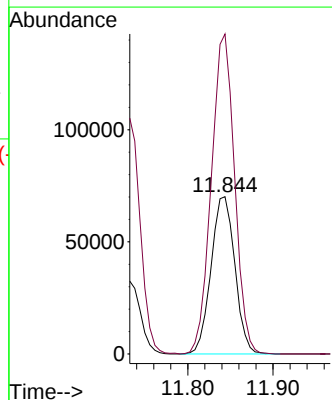
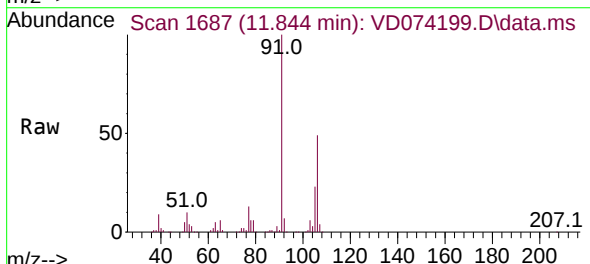
Acq: 23 Aug 2022 23:34

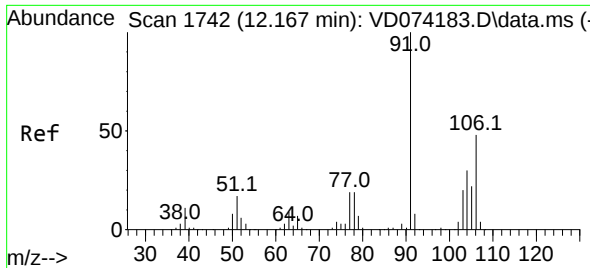
Tgt Ion: 106 Resp: 136123

Ion Ratio Lower Upper

106 100

91 198.8 163.7 245.5

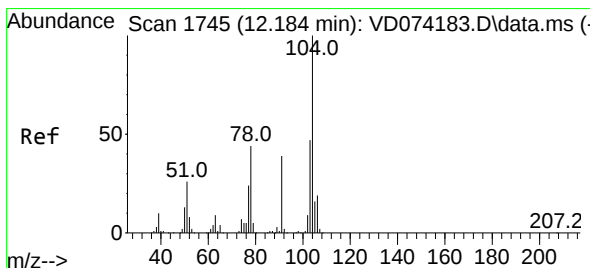
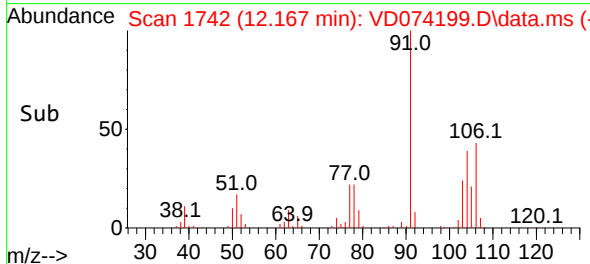
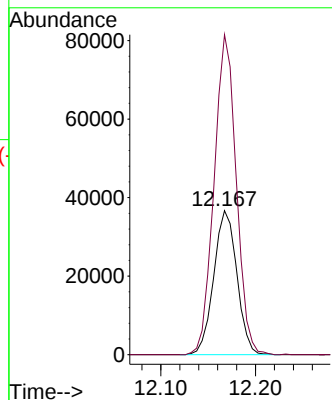
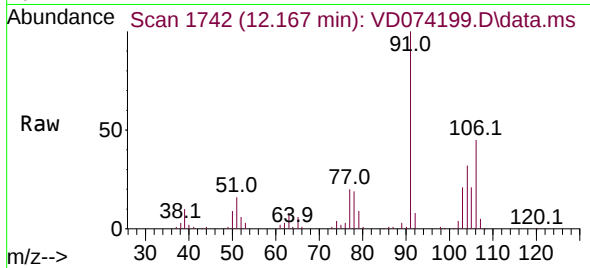




#69
o-Xylene
Concen: 19.047 ug/l
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

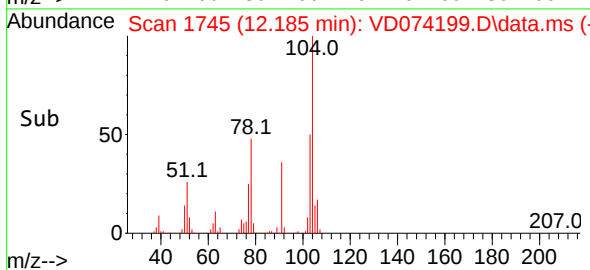
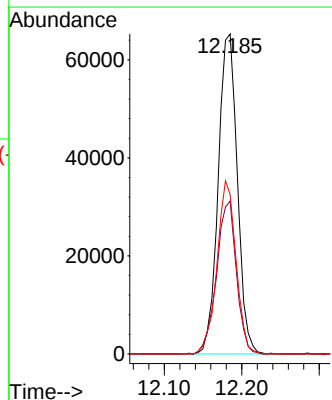
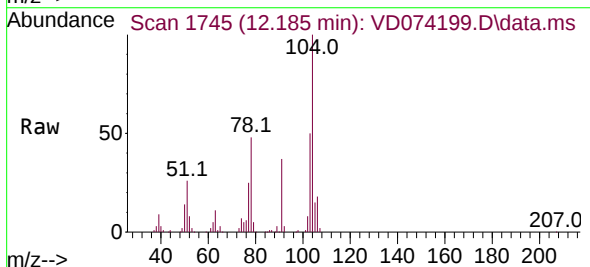
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

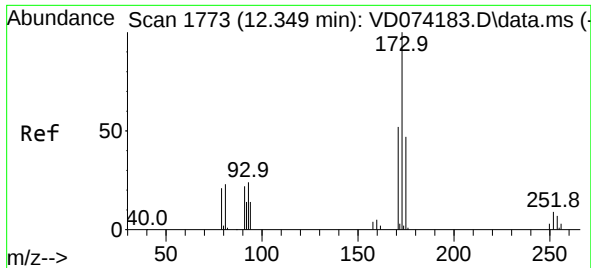
Tgt Ion:106 Resp: 62275
Ion Ratio Lower Upper
106 100
91 212.9 110.4 331.2



#70
Styrene
Concen: 19.972 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion:104 Resp: 111957
Ion Ratio Lower Upper
104 100
78 49.5 41.8 62.8
103 53.8 44.2 66.4

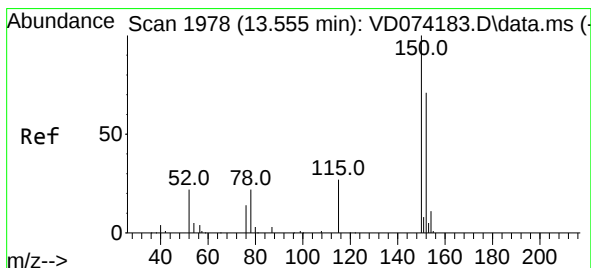
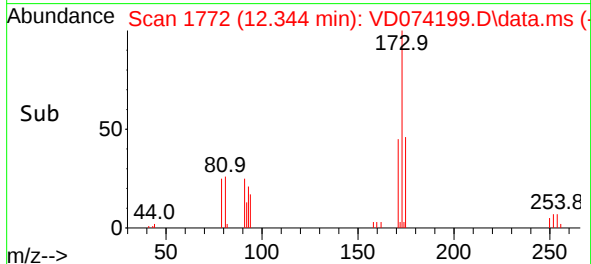
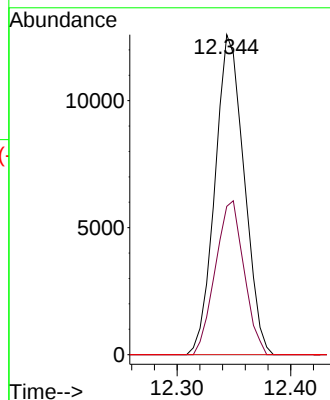
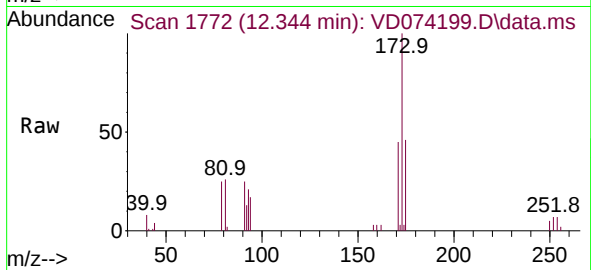




#71
Bromoform
Concen: 21.084 ug/l
RT: 12.344 min Scan# 1772
Delta R.T. -0.005 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

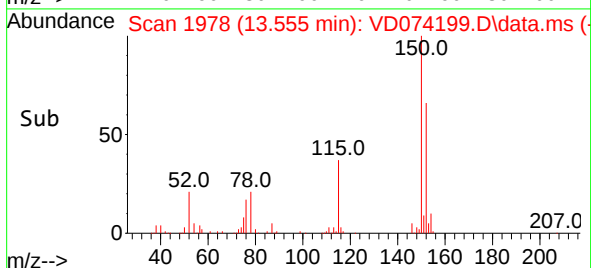
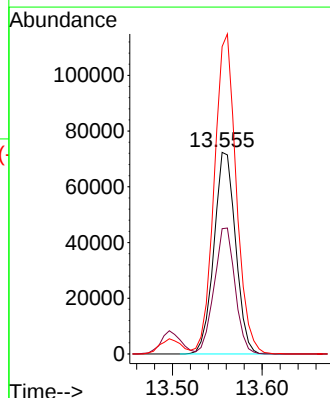
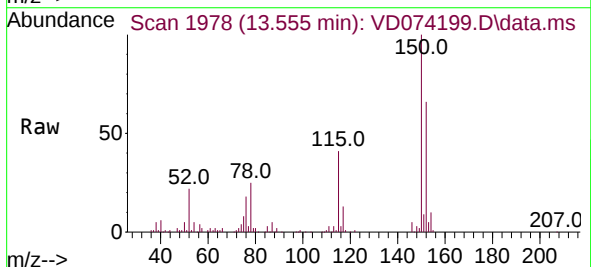
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

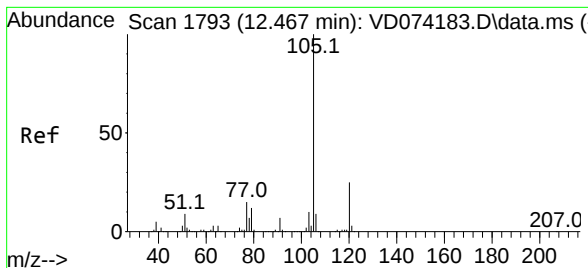
Tgt Ion:173 Resp: 22409
Ion Ratio Lower Upper
173 100
175 47.4 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion:152 Resp: 121218
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 161.0 0.0 348.6





#73

Isopropylbenzene

Concen: 18.874 ug/l

RT: 12.467 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

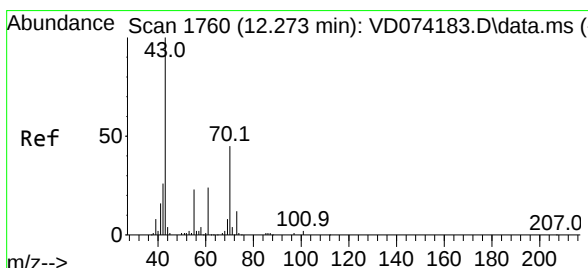
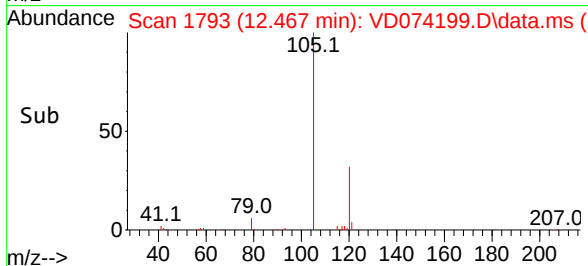
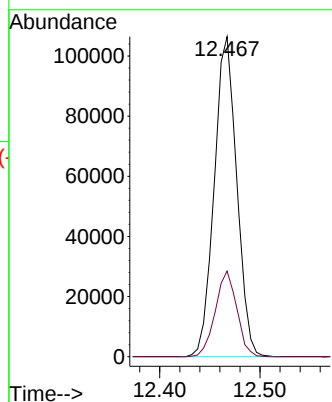
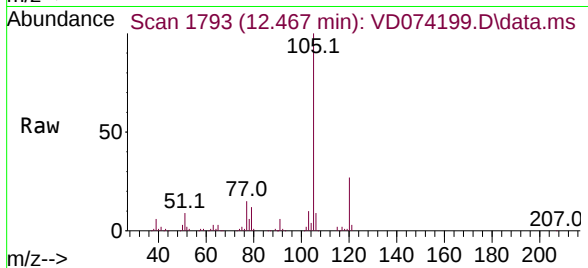
VD0823SBS02

Tgt Ion:105 Resp: 165661

Ion Ratio Lower Upper

105 100

120 25.5 13.0 38.9



#74

N-ethyl acetate

Concen: 21.047 ug/l

RT: 12.273 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Tgt Ion: 43 Resp: 40184

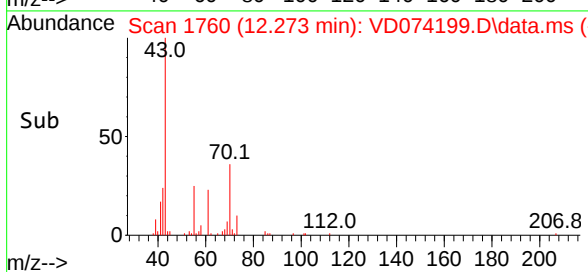
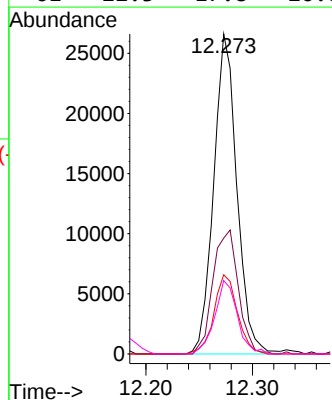
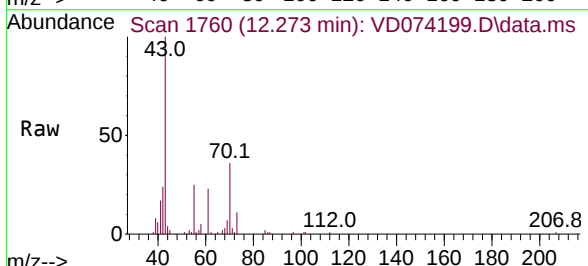
Ion Ratio Lower Upper

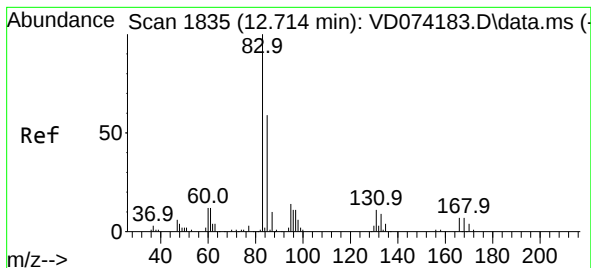
43 100

70 42.3 31.3 46.9

55 25.1 20.0 30.0

61 22.3 17.8 26.8

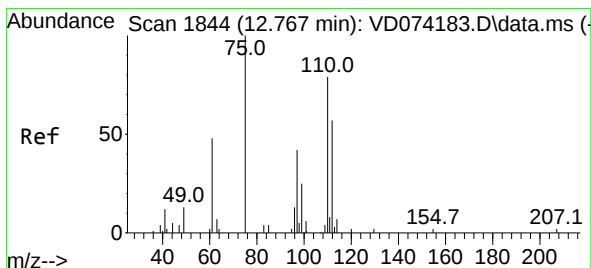
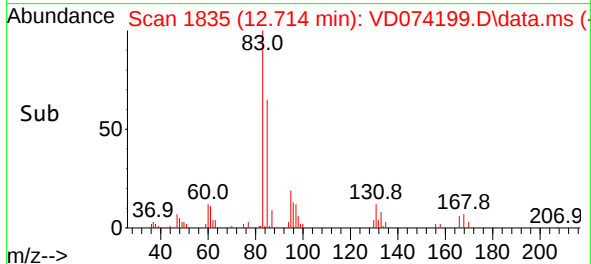
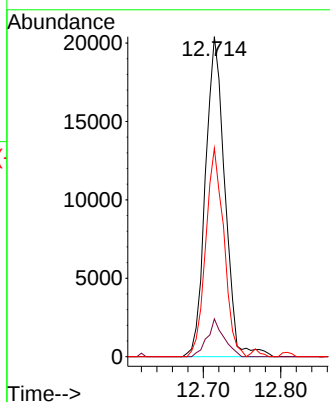
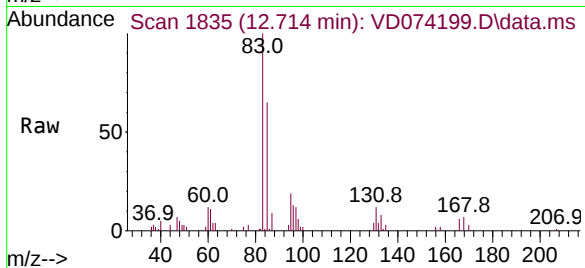




#75
1,1,2,2-Tetrachloroethane
Concen: 22.648 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

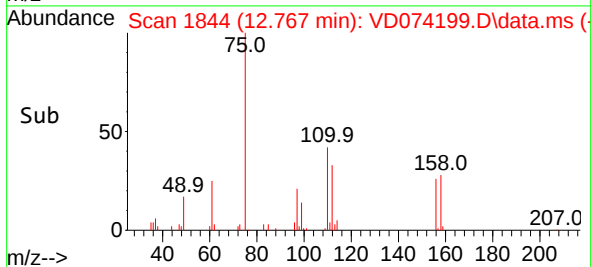
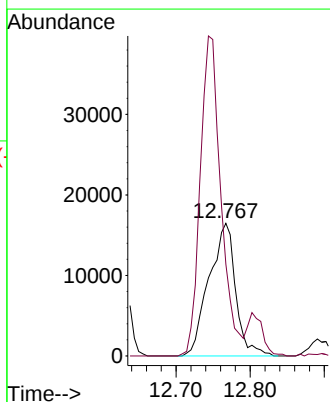
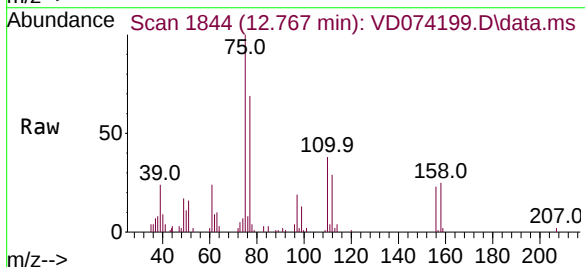
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

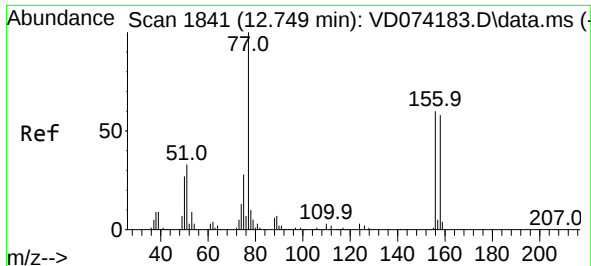
Tgt Ion: 83 Resp: 35502
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 60.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 34.739 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 75 Resp: 41117
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

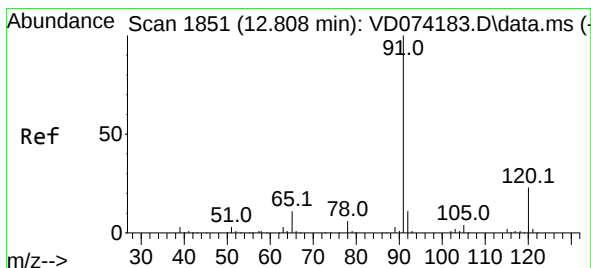
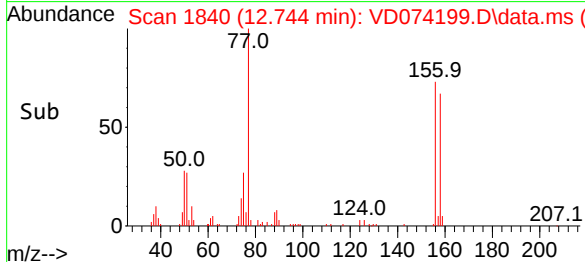
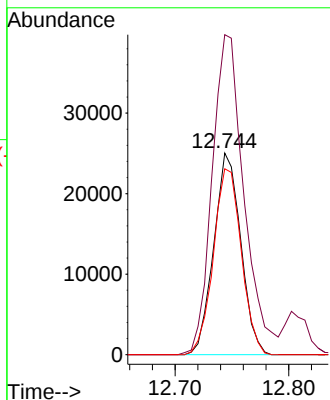
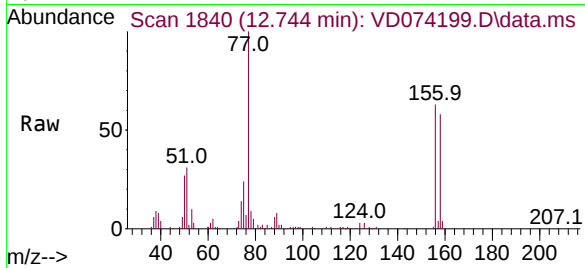




#77
Bromobenzene
Concen: 19.893 ug/l
RT: 12.744 min Scan# 1840
Delta R.T. -0.005 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

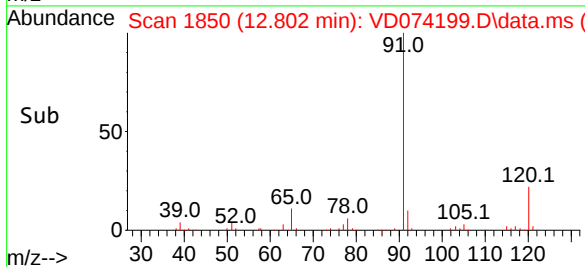
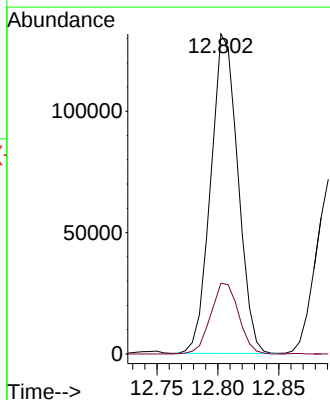
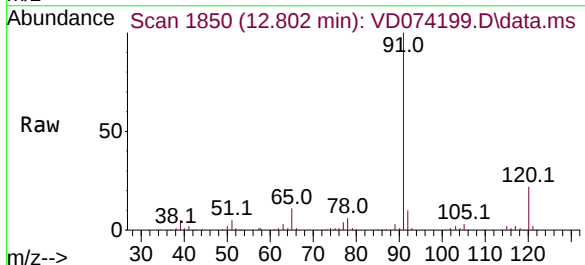
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

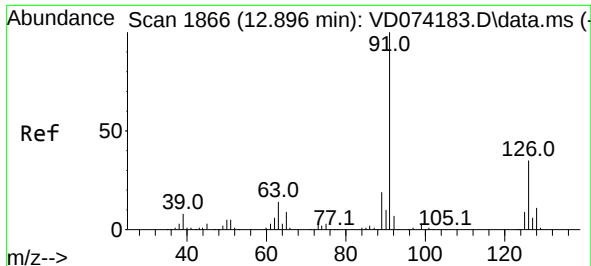
Tgt Ion:156 Resp: 41367
Ion Ratio Lower Upper
156 100
77 187.1 102.8 308.3
158 95.4 48.7 146.1



#78
n-propylbenzene
Concen: 19.058 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 91 Resp: 204580
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.745 ug/l

RT: 12.891 min Scan# 1866

Delta R.T. -0.005 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

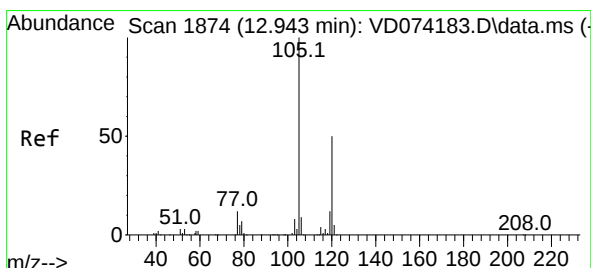
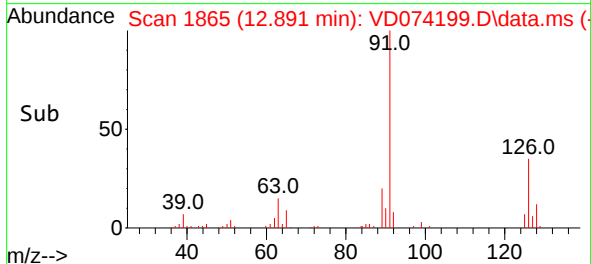
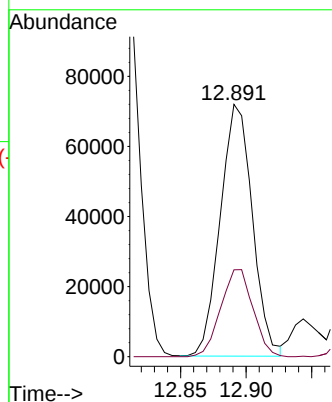
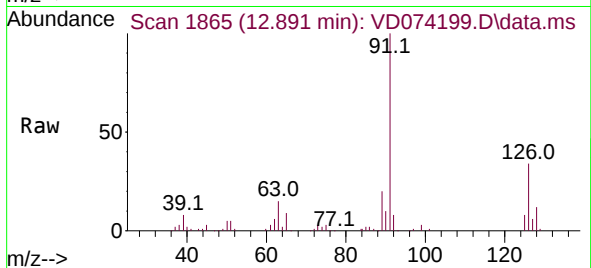
VD0823SBS02

Tgt Ion: 91 Resp: 122388

Ion Ratio Lower Upper

91 100

126 34.7 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 19.330 ug/l

RT: 12.944 min Scan# 1874

Delta R.T. 0.001 min

Lab File: VD074199.D

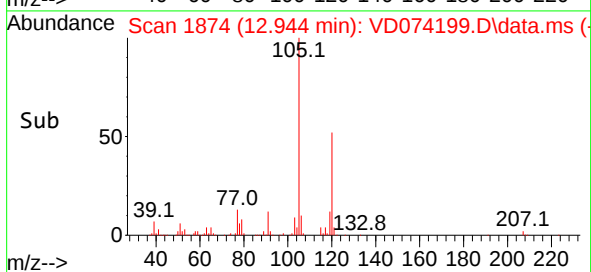
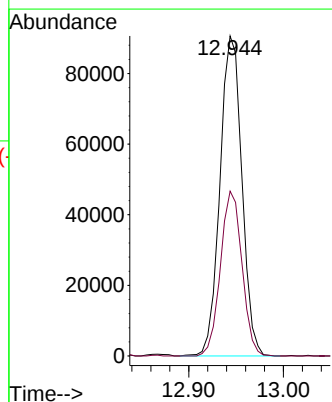
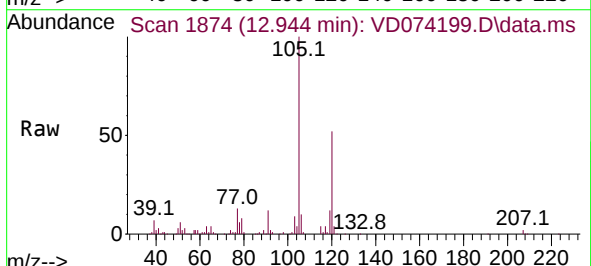
Acq: 23 Aug 2022 23:34

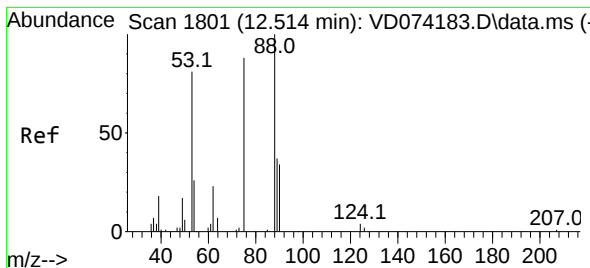
Tgt Ion:105 Resp: 145753

Ion Ratio Lower Upper

105 100

120 50.6 24.3 72.8

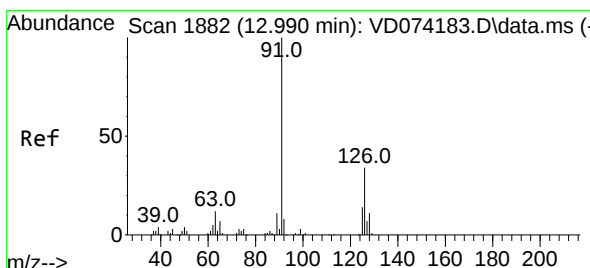
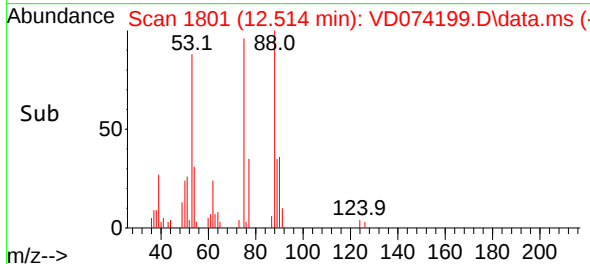
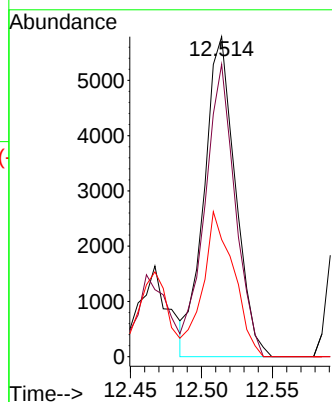
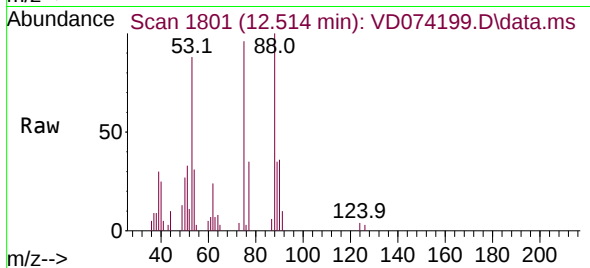




#81
trans-1,4-Dichloro-2-butene
Concen: 19.209 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

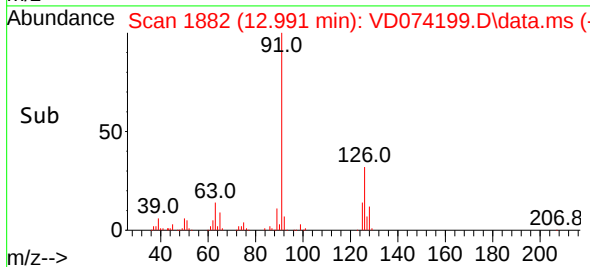
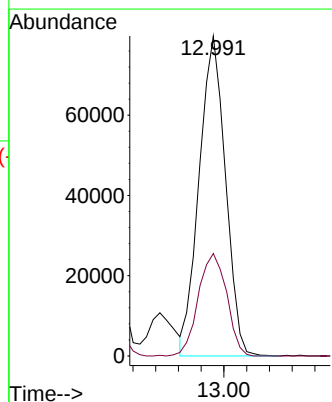
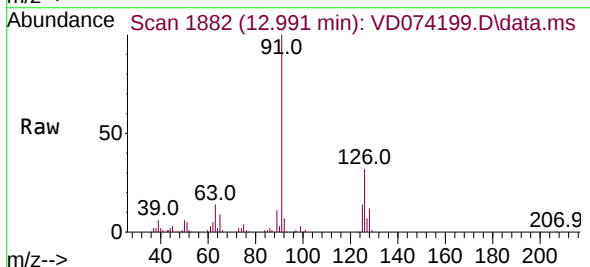
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

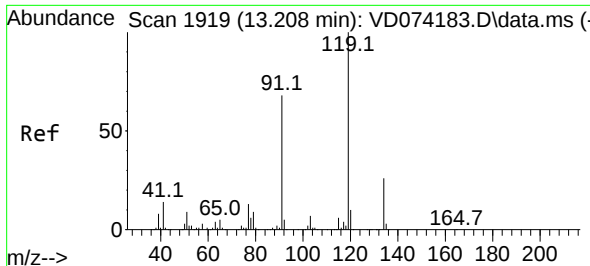
Tgt Ion: 75 Resp: 8841
Ion Ratio Lower Upper
75 100
53 88.9 86.5 129.7
89 44.9 33.9 50.9



#82
4-Chlorotoluene
Concen: 19.560 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 91 Resp: 128257
Ion Ratio Lower Upper
91 100
126 34.6 16.5 49.5

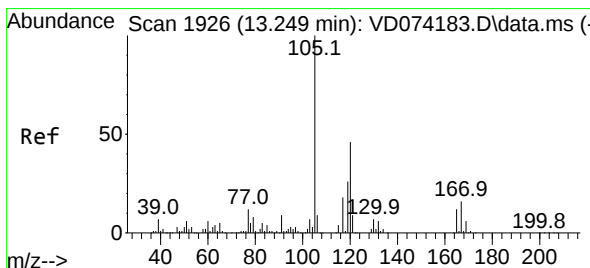
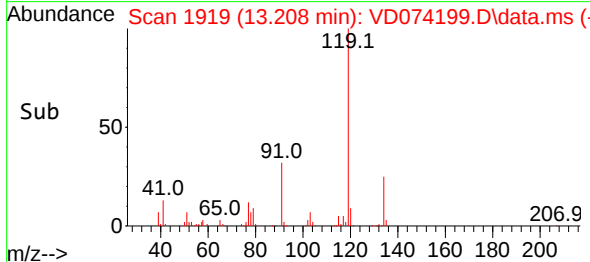
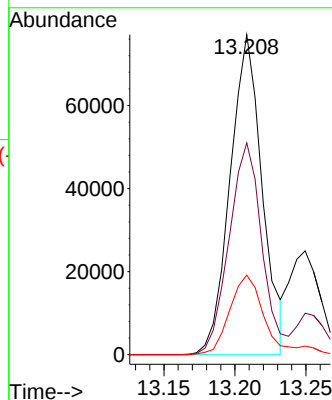
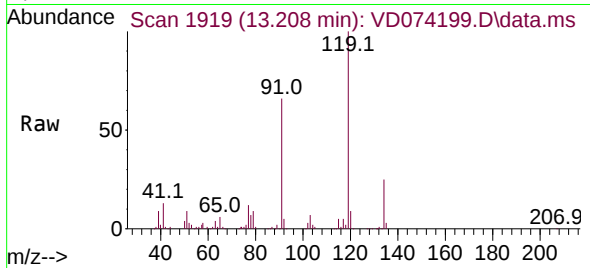




#83
tert-Butylbenzene
Concen: 19.075 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

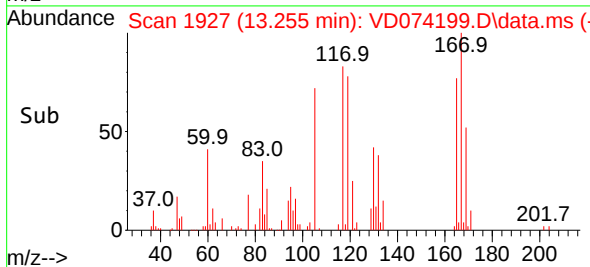
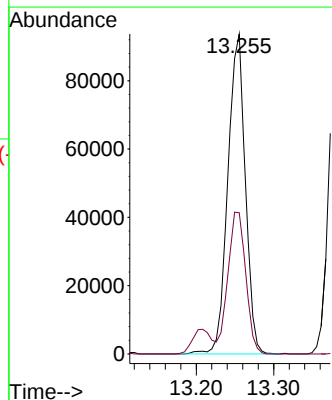
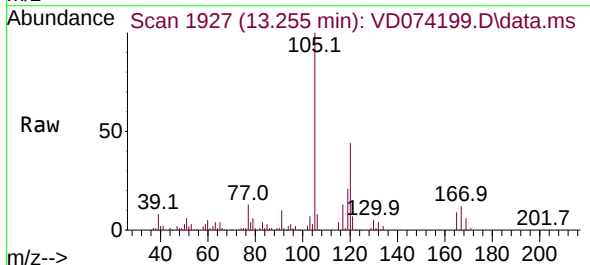
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

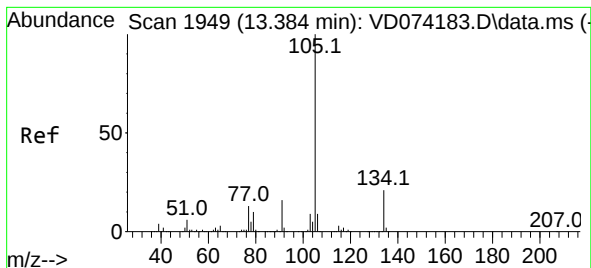
Tgt Ion:119 Resp: 121161
Ion Ratio Lower Upper
119 100
91 68.3 34.8 104.5
134 27.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.020 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion:105 Resp: 146913
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.328 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.001 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

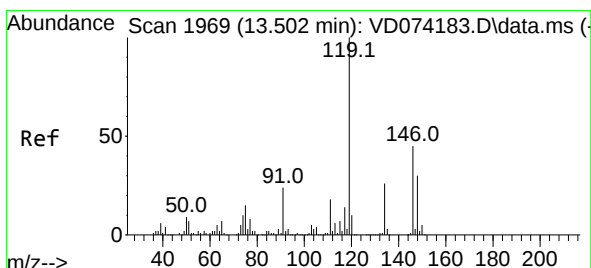
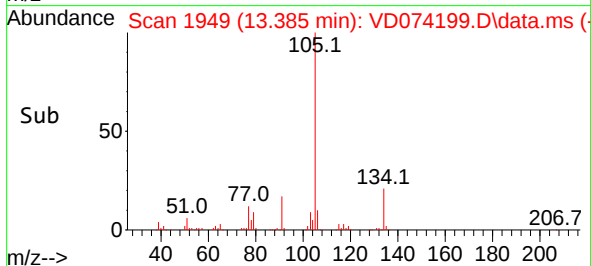
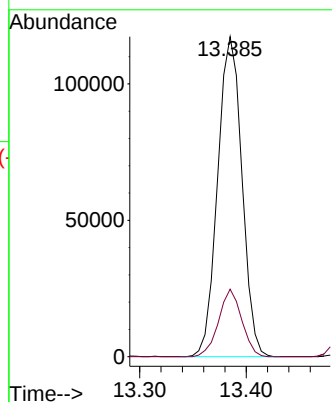
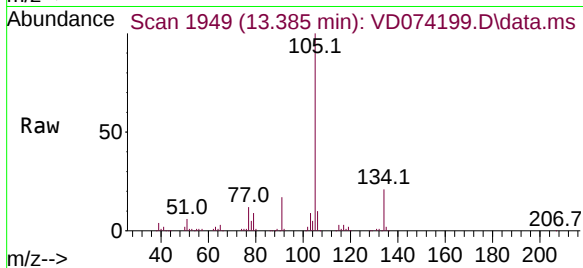
VD0823SBSD02

Tgt Ion:105 Resp: 185567

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.205 ug/l

RT: 13.497 min Scan# 1968

Delta R.T. -0.005 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

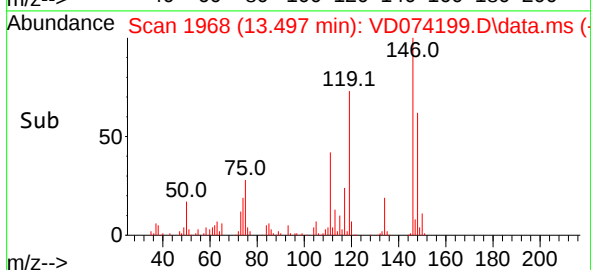
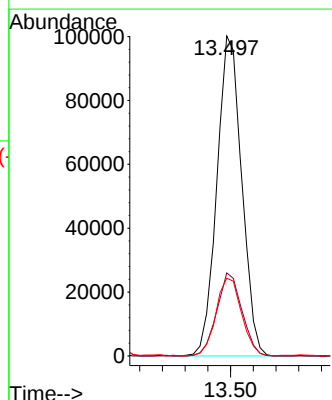
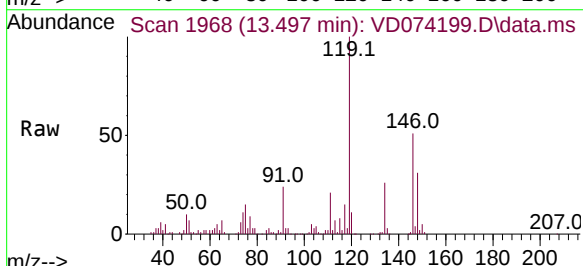
Tgt Ion:119 Resp: 152137

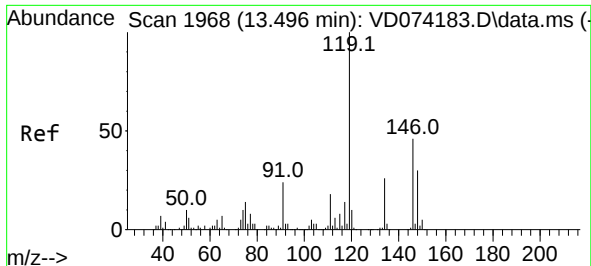
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 25.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.308 ug/l

RT: 13.497 min Scan# 1968

Delta R.T. 0.001 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS02

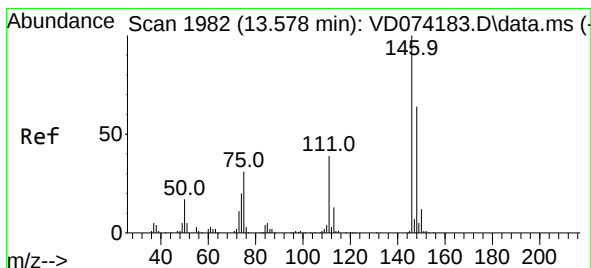
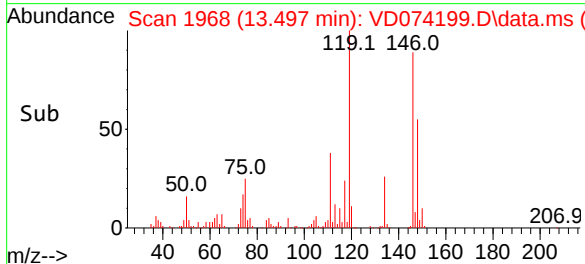
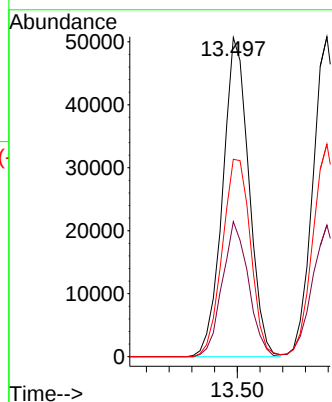
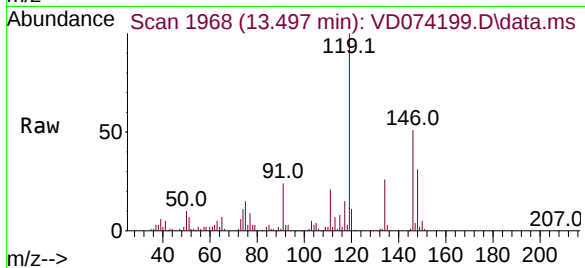
Tgt Ion:146 Resp: 81215

Ion Ratio Lower Upper

146 100

111 42.2 20.4 61.3

148 66.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.684 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. 0.001 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

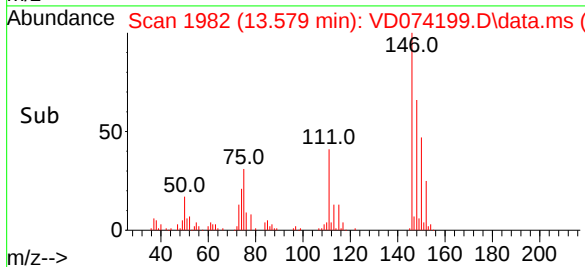
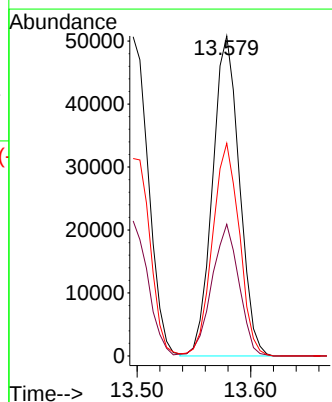
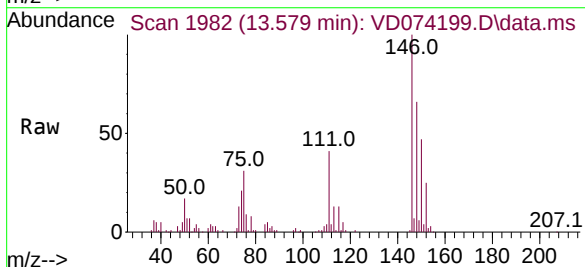
Tgt Ion:146 Resp: 83416

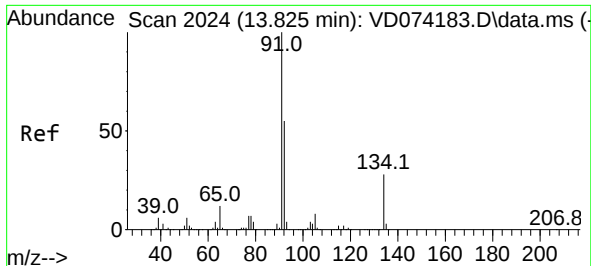
Ion Ratio Lower Upper

146 100

111 41.6 20.3 60.9

148 66.4 31.7 95.1

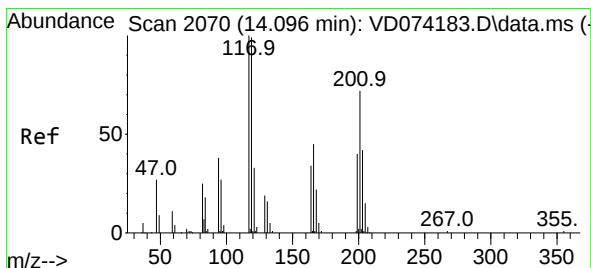
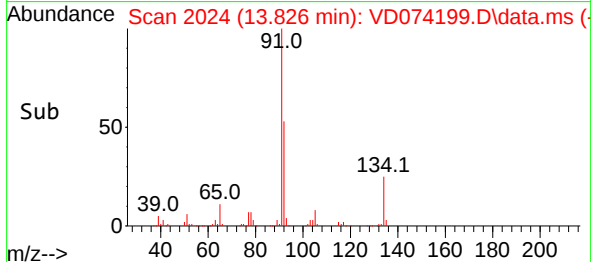
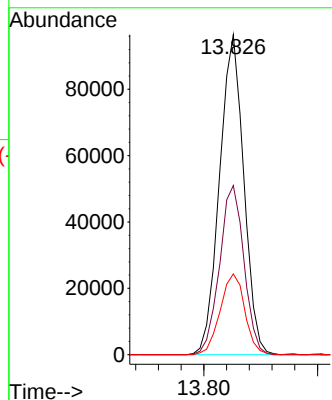
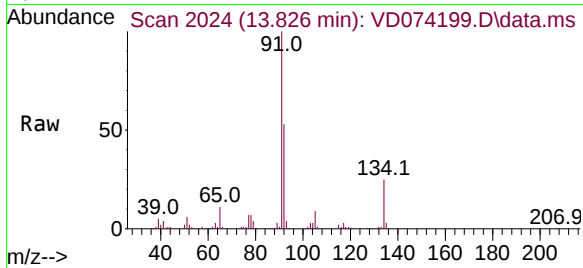




#89
n-Butylbenzene
Concen: 19.043 ug/l
RT: 13.826 min Scan# 20
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

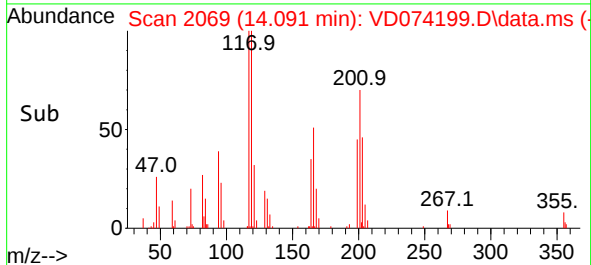
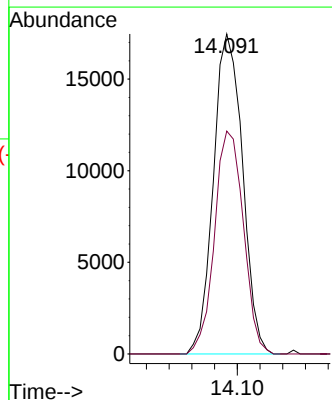
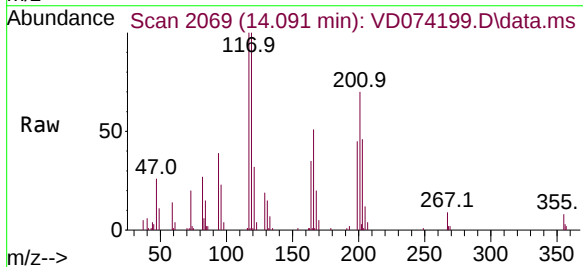
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

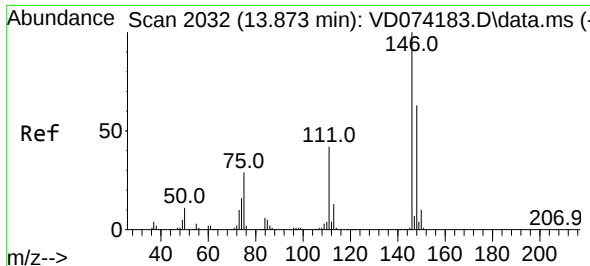
Tgt Ion: 91 Resp: 142981
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 25.7 12.3 36.9



#90
Hexachloroethane
Concen: 19.349 ug/l
RT: 14.091 min Scan# 2069
Delta R.T. -0.005 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion: 117 Resp: 31097
Ion Ratio Lower Upper
117 100
201 69.0 33.4 100.2

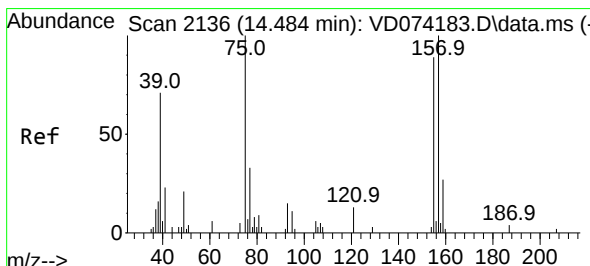
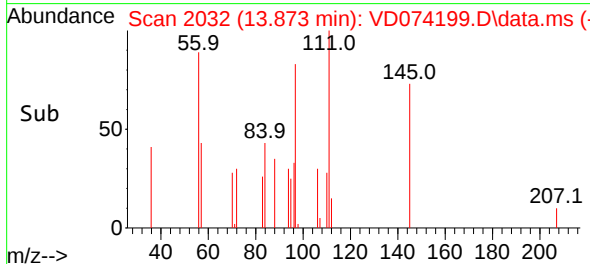
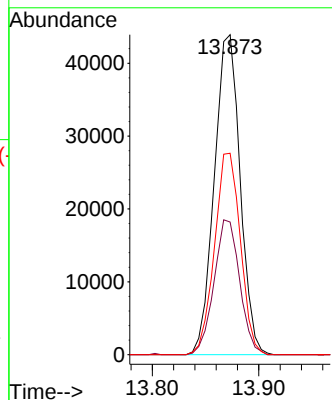
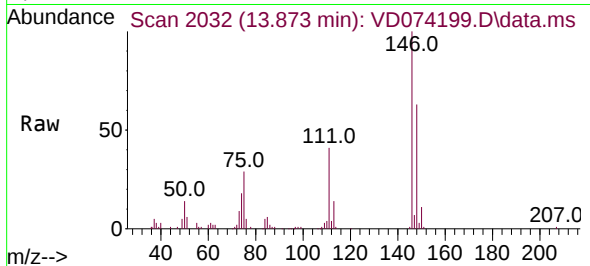




#91
 1,2-Dichlorobenzene
 Concen: 20.203 ug/l
 RT: 13.873 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD074199.D
 Acq: 23 Aug 2022 23:34

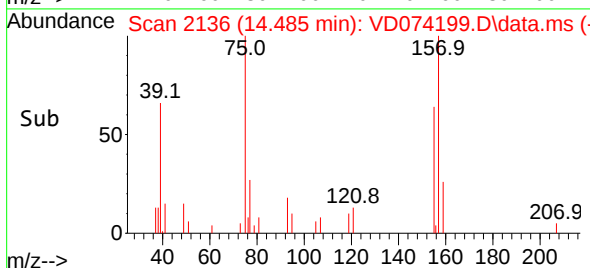
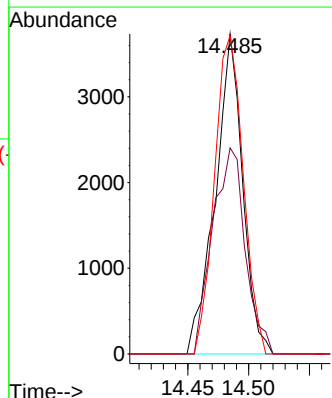
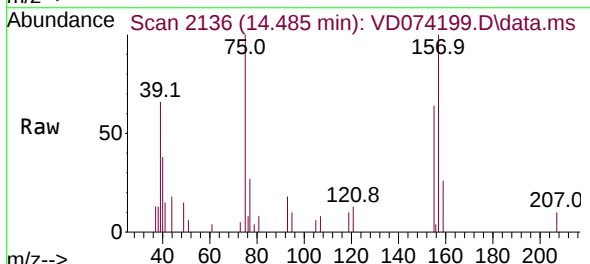
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBSD02

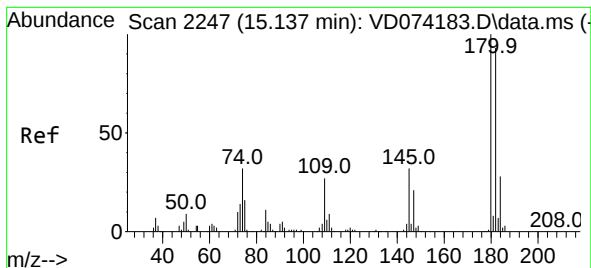
Tgt Ion:146 Resp: 73890
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.1 63.3
 148 63.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.757 ug/l
 RT: 14.485 min Scan# 2136
 Delta R.T. 0.001 min
 Lab File: VD074199.D
 Acq: 23 Aug 2022 23:34

Tgt Ion: 75 Resp: 5840
 Ion Ratio Lower Upper
 75 100
 155 76.5 36.8 110.3
 157 103.9 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 18.185 ug/l

RT: 15.138 min Scan# 2247

Delta R.T. 0.001 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS02

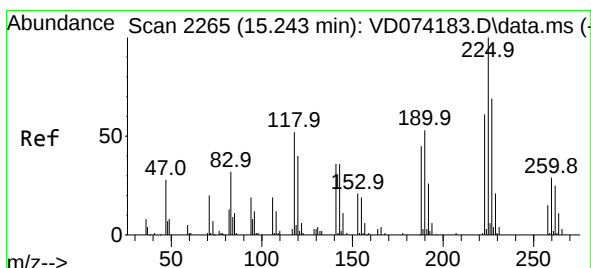
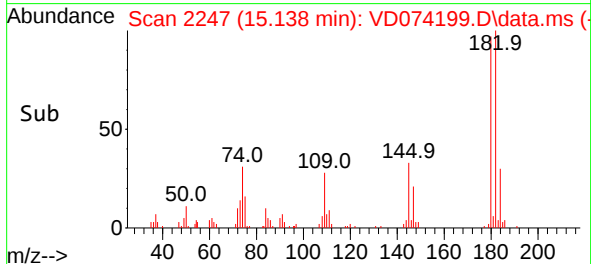
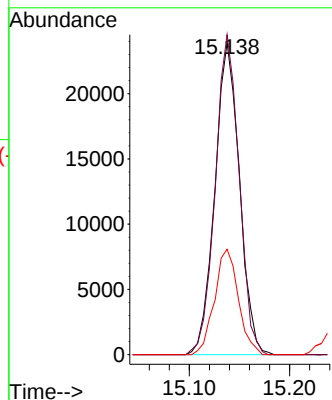
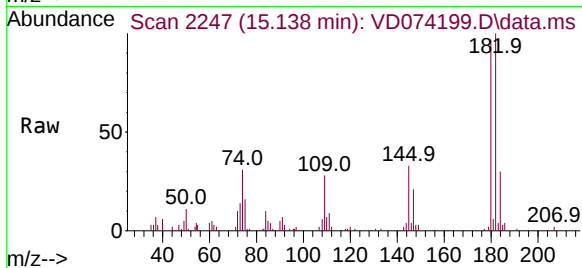
Tgt Ion:180 Resp: 40592

Ion Ratio Lower Upper

180 100

182 99.7 47.3 142.0

145 32.8 16.2 48.5



#94

Hexachlorobutadiene

Concen: 19.151 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD074199.D

Acq: 23 Aug 2022 23:34

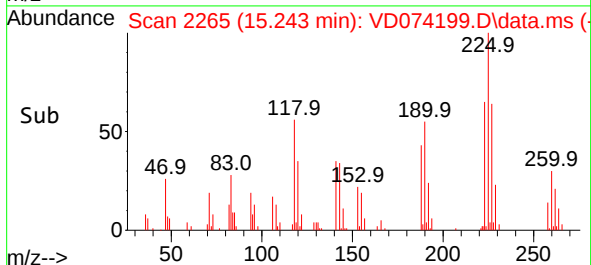
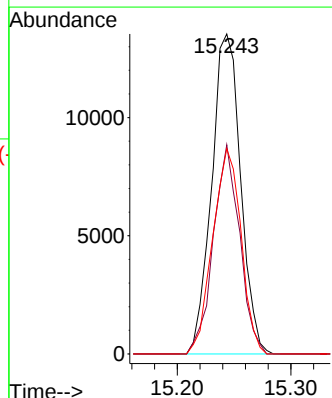
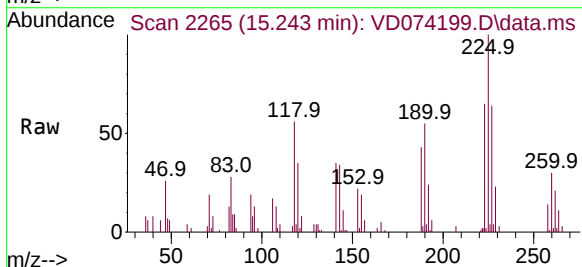
Tgt Ion:225 Resp: 23990

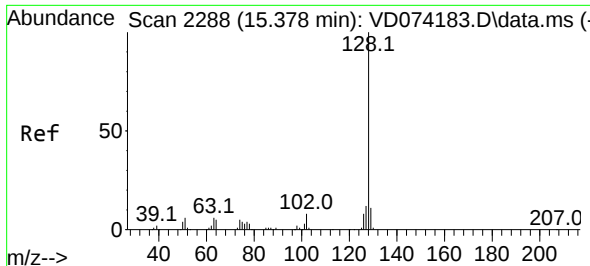
Ion Ratio Lower Upper

225 100

223 59.3 31.1 93.2

227 62.7 32.4 97.0

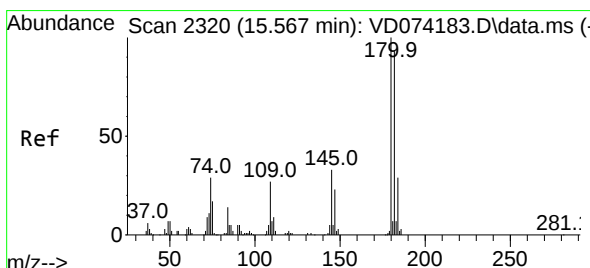
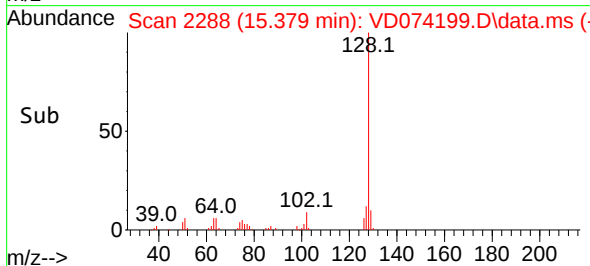
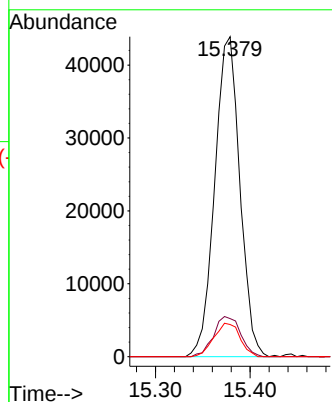
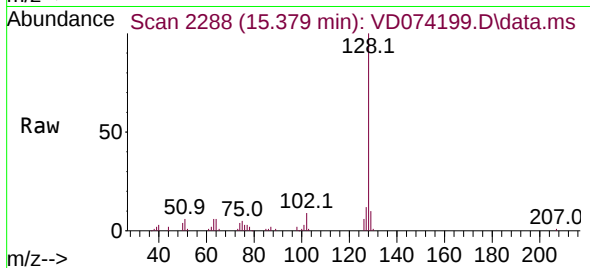




#95
Naphthalene
Concen: 20.080 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBSD02

Tgt Ion:128	Resp:	80799
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.3 15.5
129	10.9	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.270 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VD074199.D
Acq: 23 Aug 2022 23:34

Tgt Ion:180	Resp:	37513
Ion Ratio	Lower	Upper
180	100	
182	93.8	47.6 142.9
145	35.5	17.1 51.3

