

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071898.D
 Acq On : 04 Feb 2022 14:57
 Operator : VA/SY
 Sample : VD0204SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01

Quant Time: Feb 07 04:19:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	385657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	644408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	600648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	291191	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249934	51.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.540%	
35) Dibromofluoromethane	7.908	113	223088	52.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.340%	
50) Toluene-d8	10.332	98	812293	51.347	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.700%	
62) 4-Bromofluorobenzene	12.626	95	274628	49.712	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.420%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	98696	21.581	ug/l	99
3) Chloromethane	2.209	50	107163	19.572	ug/l	90
4) Vinyl Chloride	2.344	62	119361	20.822	ug/l	97
5) Bromomethane	2.750	94	73369	19.398	ug/l	98
6) Chloroethane	2.909	64	70357	19.367	ug/l	97
7) Trichlorofluoromethane	3.267	101	159670	19.436	ug/l	96
8) Diethyl Ether	3.709	74	41733	19.253	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	93484	20.170	ug/l	99
10) Methyl Iodide	4.297	142	75740	15.941	ug/l	98
11) Tert butyl alcohol	5.214	59	13023	3.946	ug/l #	92
12) 1,1-Dichloroethene	4.067	96	82348	19.436	ug/l	98
13) Acrolein	3.914	56	42156	97.368	ug/l	99
14) Allyl chloride	4.714	41	153057	18.951	ug/l	100
15) Acrylonitrile	5.414	53	109480	99.376	ug/l	98
16) Acetone	4.156	43	109747	82.248	ug/l	97
17) Carbon Disulfide	4.403	76	262003	17.734	ug/l	97
18) Methyl Acetate	4.714	43	53999	18.717	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	192248	18.967	ug/l	99
20) Methylene Chloride	4.961	84	99970	18.143	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	93875	19.032	ug/l	99
22) Diisopropyl ether	6.356	45	311439	19.675	ug/l	98
23) Vinyl Acetate	6.308	43	828807	94.913	ug/l	98
24) 1,1-Dichloroethane	6.261	63	182305	19.759	ug/l	97
25) 2-Butanone	7.214	43	145687	93.656	ug/l	96
26) 2,2-Dichloropropane	7.208	77	144818	18.968	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	100067	18.889	ug/l	99
28) Bromochloromethane	7.538	49	61257	17.603	ug/l	99
29) Tetrahydrofuran	7.561	42	90969	98.836	ug/l	99
30) Chloroform	7.708	83	186976	19.837	ug/l	93
31) Cyclohexane	7.985	56	174053	18.703	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	160546	19.311	ug/l	97
36) 1,1-Dichloropropene	8.108	75	139897	19.242	ug/l	98
37) Ethyl Acetate	7.291	43	65259	19.307	ug/l	97
38) Carbon Tetrachloride	8.097	117	143290	19.930	ug/l	99
39) Methylcyclohexane	9.349	83	154989	18.398	ug/l	93
40) Benzene	8.350	78	375100	19.113	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	41343	21.620	ug/l	95
42) 1,2-Dichloroethane	8.420	62	119871	19.343	ug/l	100
43) Isopropyl Acetate	8.450	43	120243	19.793	ug/l	98
44) Trichloroethene	9.108	130	98817	19.502	ug/l	89
45) 1,2-Dichloropropane	9.379	63	96927	19.154	ug/l	96
46) Dibromomethane	9.473	93	52035	19.639	ug/l	99
47) Bromodichloromethane	9.655	83	138587	19.777	ug/l	98
48) Methyl methacrylate	9.449	41	60384	18.781	ug/l	99
49) 1,4-Dioxane	9.461	88	12281	406.087	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	313882	98.731	ug/l	99
52) Toluene	10.396	92	239087	19.592	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	121175	18.828	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	141733	18.787	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	69137	19.661	ug/l	98
56) Ethyl methacrylate	10.655	69	82599	18.972	ug/l	97
57) 1,3-Dichloropropane	10.938	76	124376	19.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	203535	99.307	ug/l	98
59) 2-Hexanone	10.979	43	218636	94.751	ug/l	97
60) Dibromochloromethane	11.132	129	84735	19.513	ug/l	98
61) 1,2-Dibromoethane	11.238	107	66083	19.505	ug/l	100
64) Tetrachloroethene	10.873	164	81400	19.159	ug/l	99
65) Chlorobenzene	11.661	112	245670	19.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	88715	19.191	ug/l	98
67) Ethyl Benzene	11.738	91	442622	18.930	ug/l	100
68) m/p-Xylenes	11.843	106	342377	38.497	ug/l	98
69) o-Xylene	12.173	106	155743	19.270	ug/l	98
70) Styrene	12.185	104	270158	19.393	ug/l	99
71) Bromoform	12.349	173	48234	19.542	ug/l #	98
73) Isopropylbenzene	12.473	105	416708	18.481	ug/l	100
74) N-amyl acetate	12.279	43	111121	20.039	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	81333	19.492	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	105004	34.217	ug/l #	100
77) Bromobenzene	12.749	156	93409	18.623	ug/l	98
78) n-propylbenzene	12.808	91	534236	18.895	ug/l	100
79) 2-Chlorotoluene	12.896	91	300614	18.762	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	363450	19.433	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	21996	17.624	ug/l	98
82) 4-Chlorotoluene	12.996	91	315468	18.925	ug/l	100
83) tert-Butylbenzene	13.214	119	296697	19.142	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	356018	19.352	ug/l	100
85) sec-Butylbenzene	13.390	105	466900	19.251	ug/l	99
86) p-Isopropyltoluene	13.502	119	372750	18.914	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	196646	19.307	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	193615	19.048	ug/l	99
89) n-Butylbenzene	13.832	91	369034	19.086	ug/l	99
90) Hexachloroethane	14.096	117	75951	19.388	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	166902	19.149	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	13643	19.742	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	94708	18.600	ug/l	97
94) Hexachlorobutadiene	15.255	225	54567	19.654	ug/l	99
95) Naphthalene	15.384	128	171140	17.881	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	84662	19.399	ug/l	100

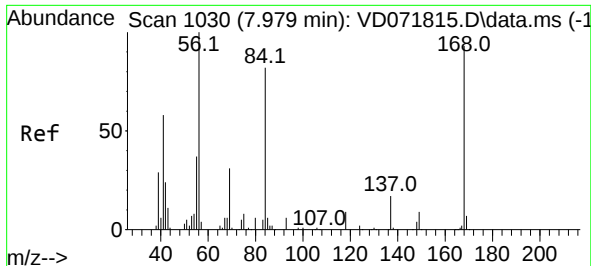
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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

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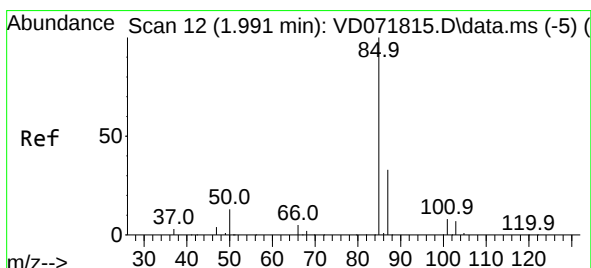
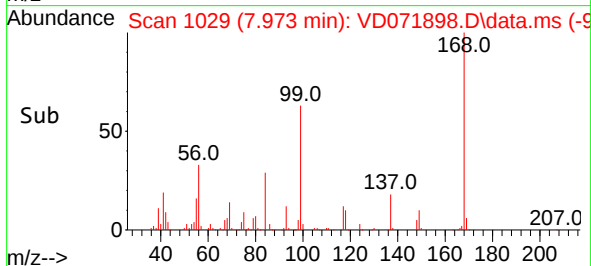
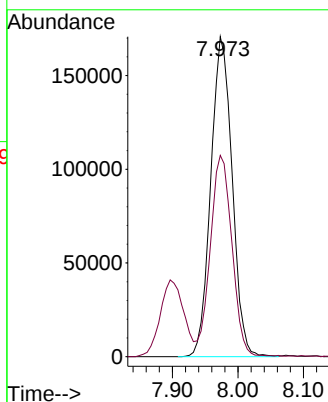
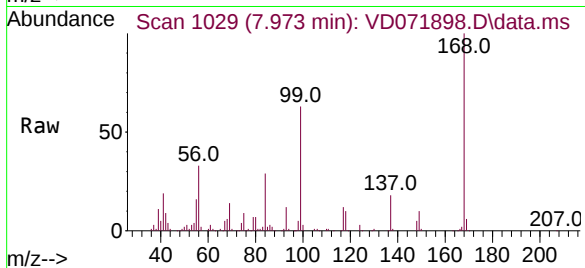
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

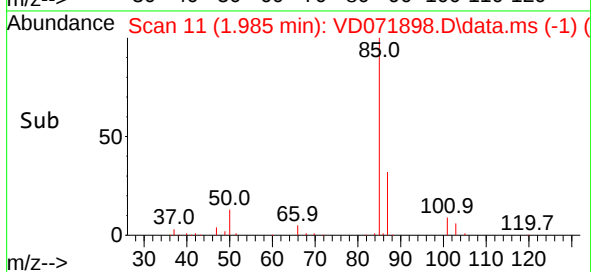
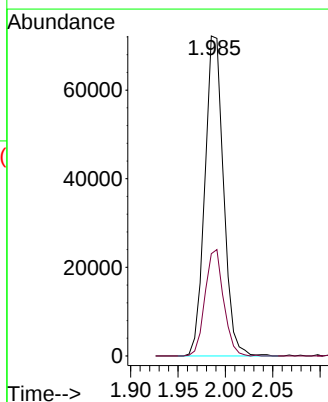
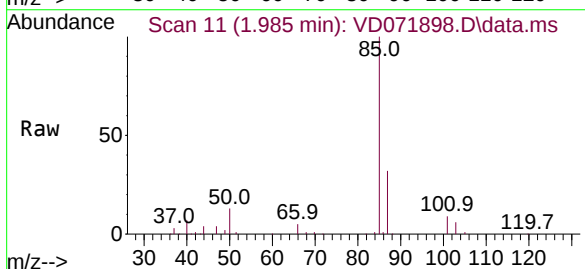
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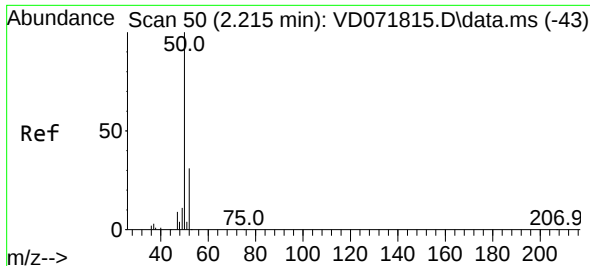
Tgt Ion:168 Resp: 385657
Ion Ratio Lower Upper
168 100
99 62.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 21.581 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 85 Resp: 98696
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0

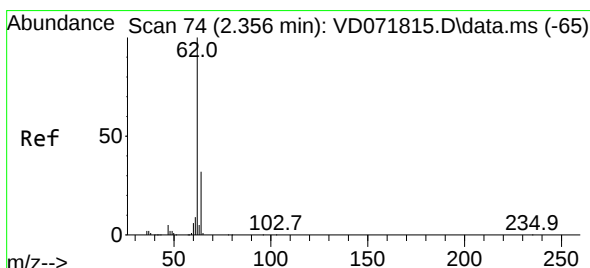
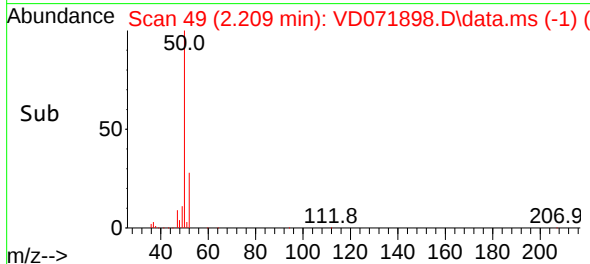
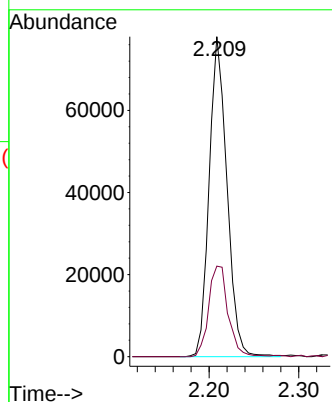
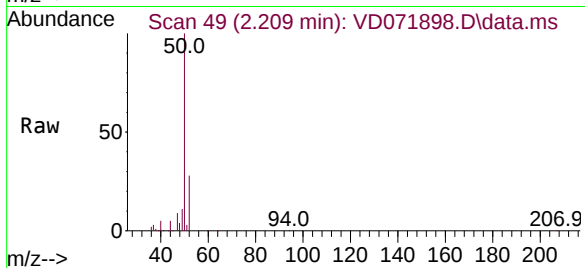




#3
Chloromethane
Concen: 19.572 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

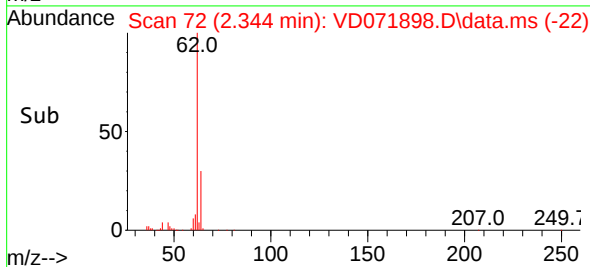
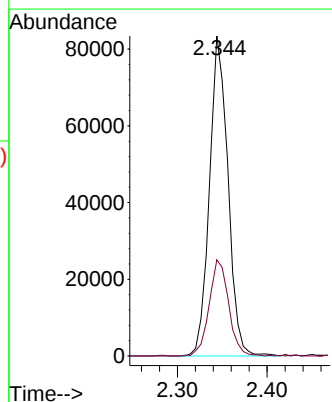
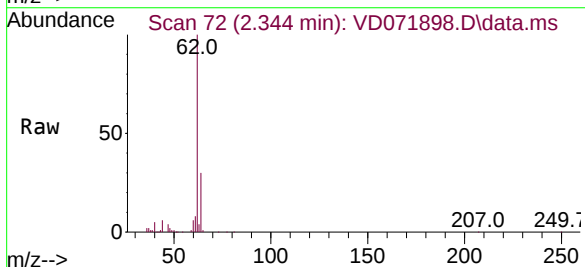
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

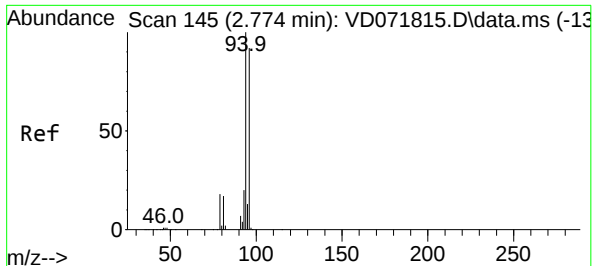
Tgt Ion: 50 Resp: 107163
Ion Ratio Lower Upper
50 100
52 28.3 27.4 41.0



#4
Vinyl Chloride
Concen: 20.822 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 62 Resp: 119361
Ion Ratio Lower Upper
62 100
64 30.0 25.4 38.0

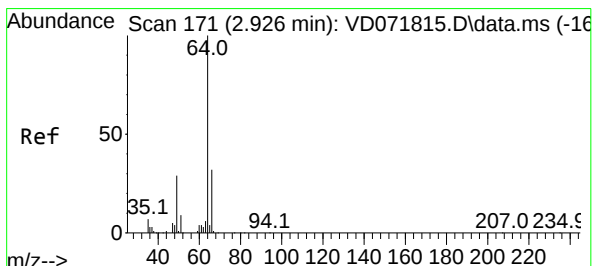
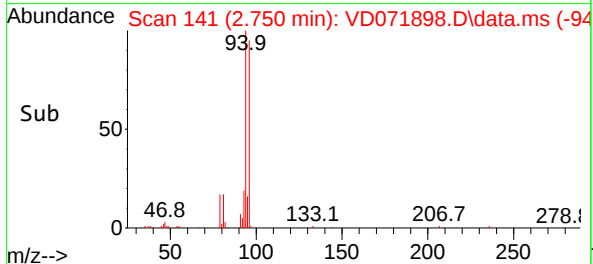
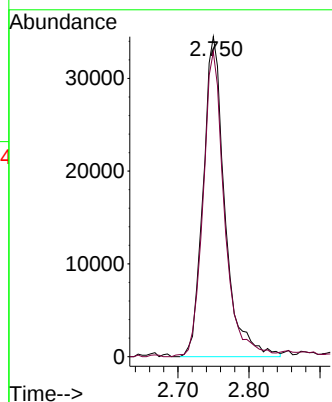
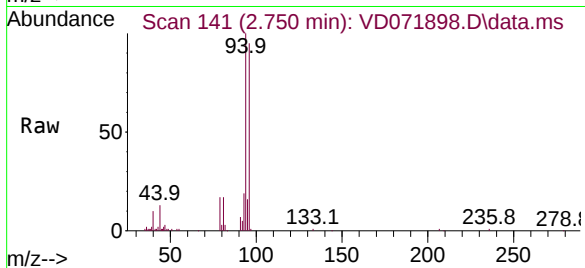




#5
Bromomethane
Concen: 19.398 ug/l
RT: 2.750 min Scan# 145
Delta R.T. -0.024 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

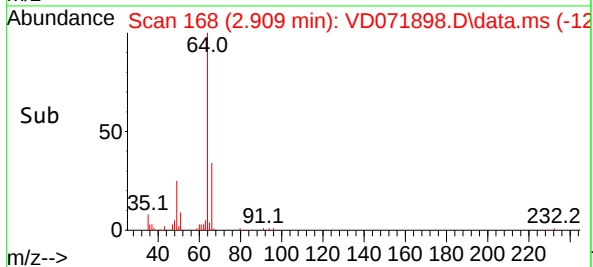
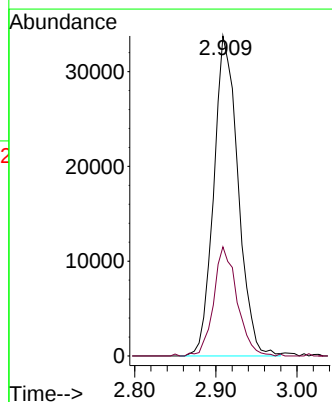
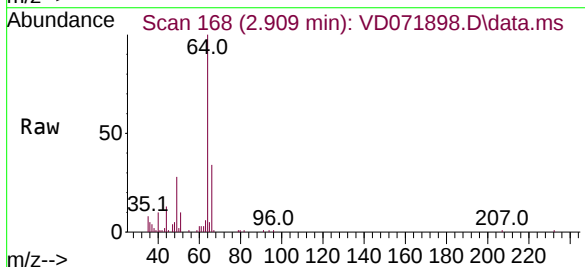
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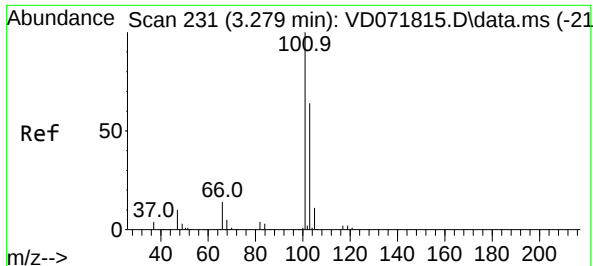
Tgt Ion: 94 Resp: 73369
Ion Ratio Lower Upper
94 100
96 94.6 77.6 116.4



#6
Chloroethane
Concen: 19.367 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.018 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 64 Resp: 70357
Ion Ratio Lower Upper
64 100
66 34.1 25.9 38.9

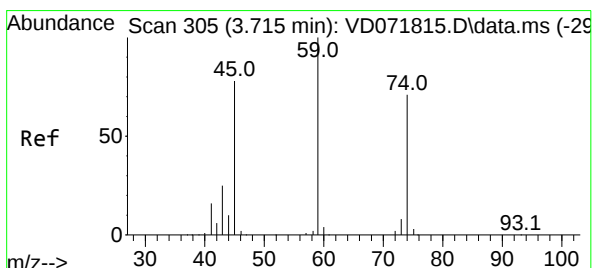
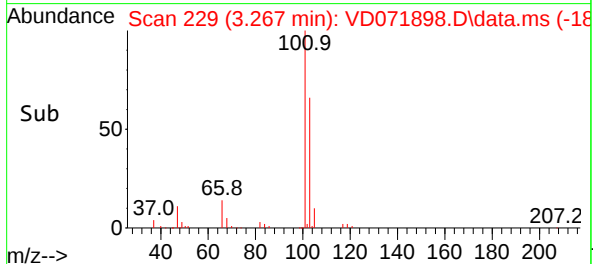
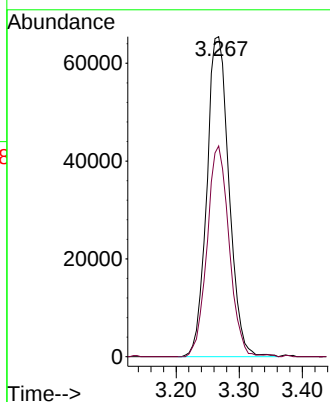
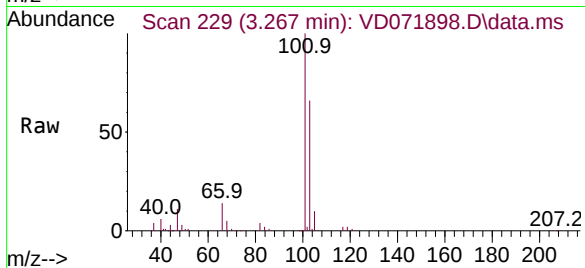




#7
Trichlorofluoromethane
Concen: 19.436 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

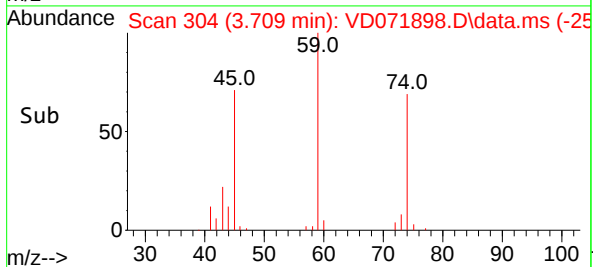
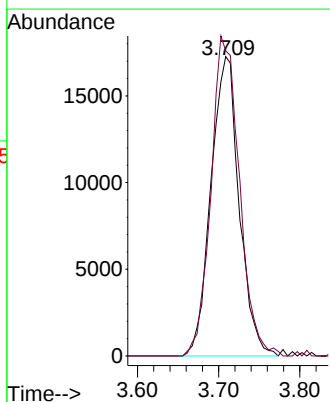
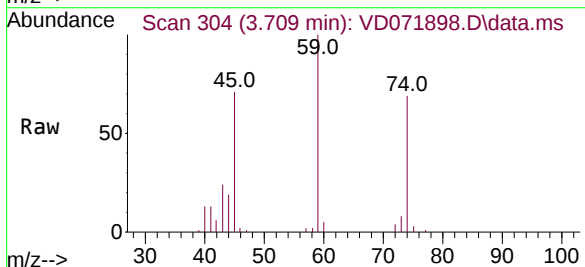
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

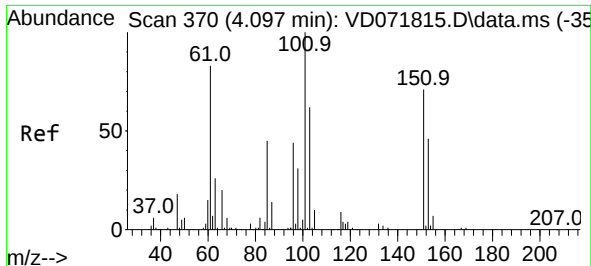
Tgt Ion:101 Resp: 159670
Ion Ratio Lower Upper
101 100
103 65.8 50.1 75.1



#8
Diethyl Ether
Concen: 19.253 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 74 Resp: 41733
Ion Ratio Lower Upper
74 100
45 107.3 52.6 157.8

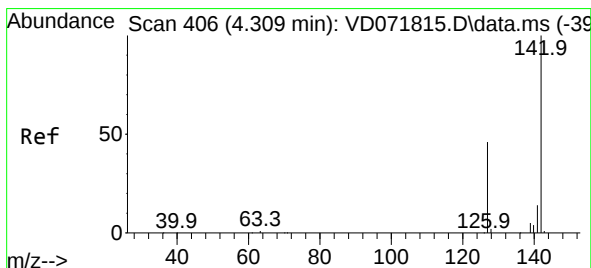
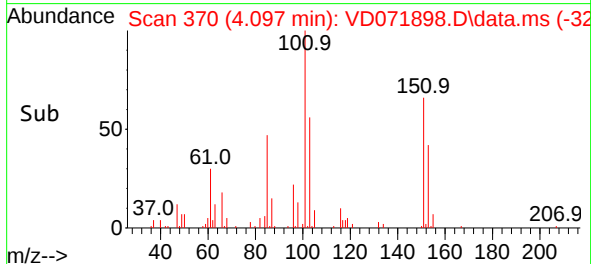
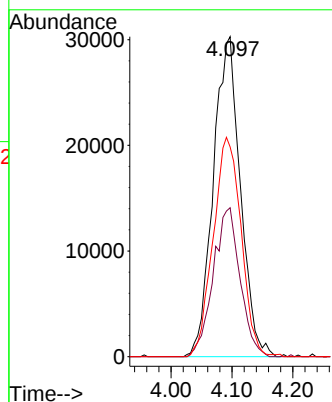
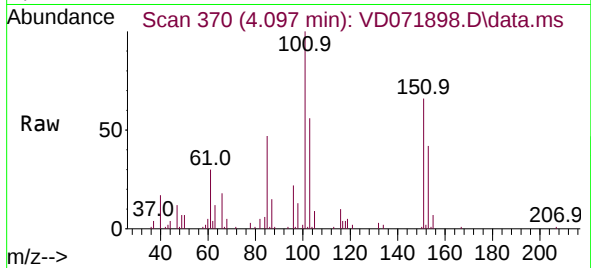




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.170 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071898.D
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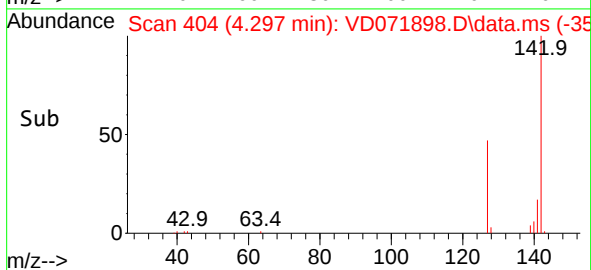
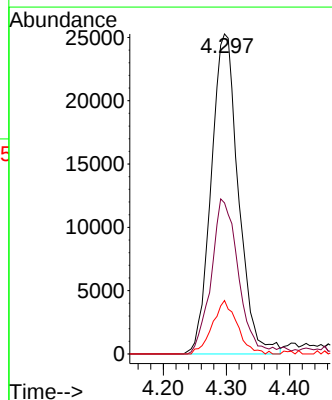
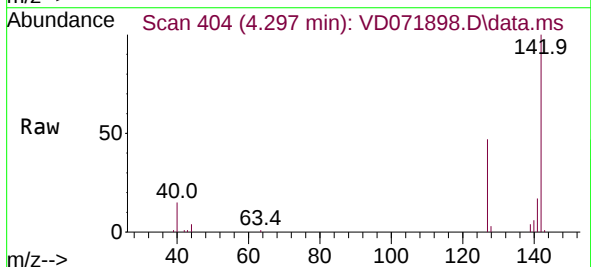
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

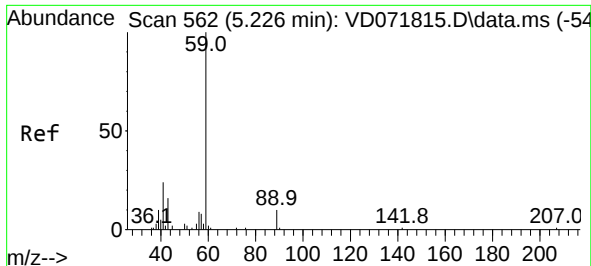
Tgt Ion:	101	Resp:	93484
Ion	Ratio	Lower	Upper
101	100		
85	46.2	36.4	54.6
151	70.8	57.3	85.9



#10
Methyl Iodide
Concen: 15.941 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.012 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion:	142	Resp:	75740
Ion	Ratio	Lower	Upper
142	100		
127	47.8	37.3	55.9
141	15.3	11.7	17.5

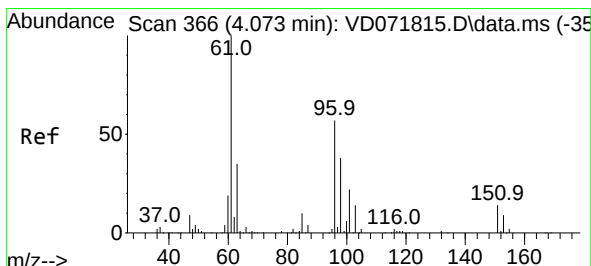
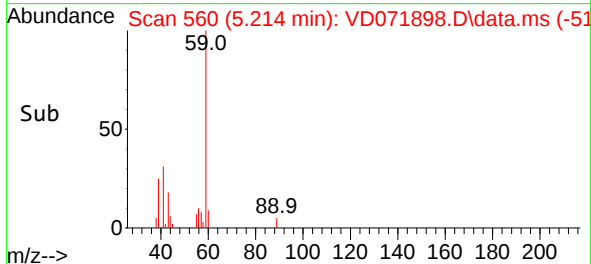
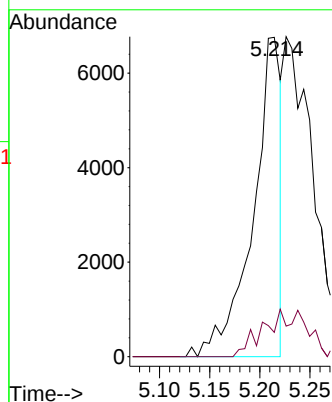
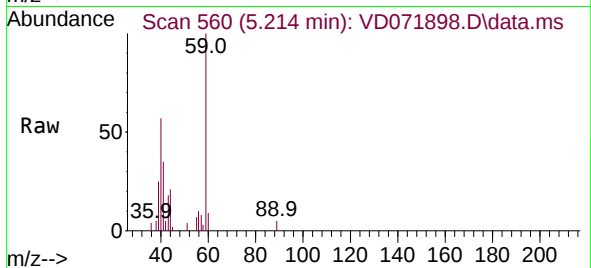




#11
Tert butyl alcohol
Concen: 3.946 ug/l
RT: 5.214 min Scan# 501
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

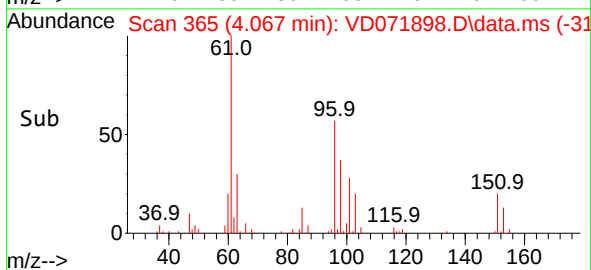
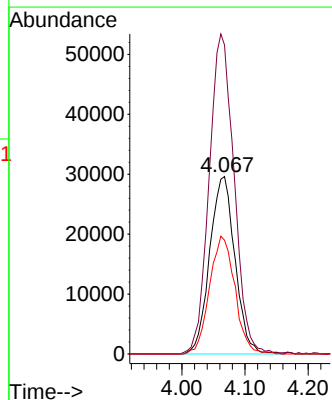
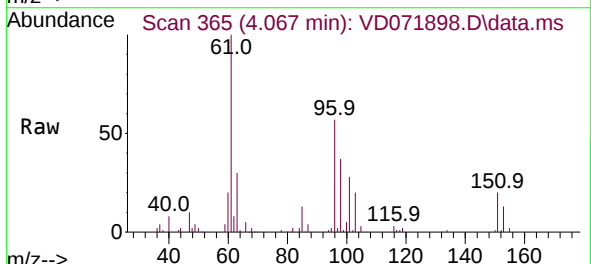
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

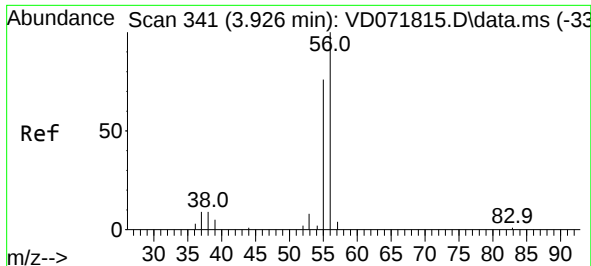
Tgt Ion: 59 Resp: 13023
Ion Ratio Lower Upper
59 100
57 12.7 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 19.436 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 96 Resp: 82348
Ion Ratio Lower Upper
96 100
61 174.1 138.5 207.7
98 64.1 48.6 73.0





#13

Acrolein

Concen: 97.368 ug/l

RT: 3.914 min Scan# 31

Delta R.T. -0.012 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

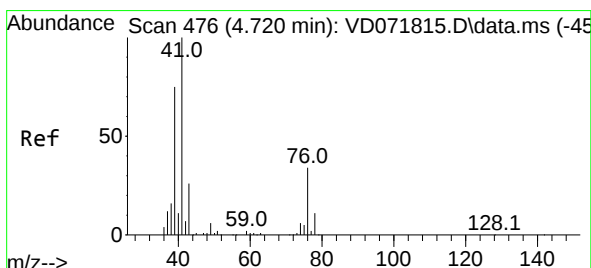
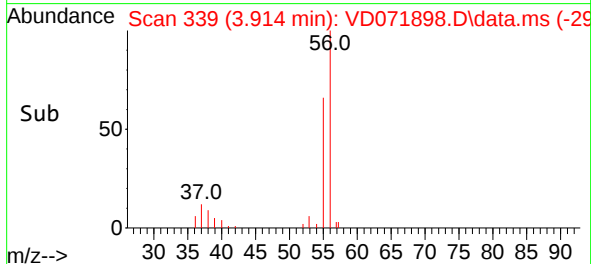
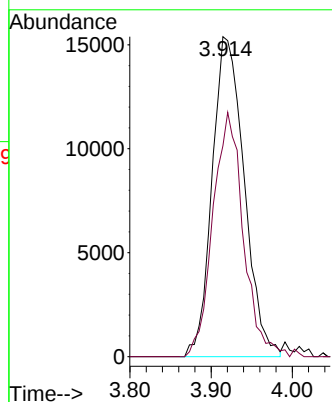
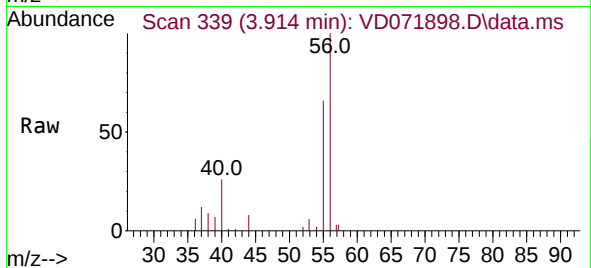
VD0204SBSD01

Tgt Ion: 56 Resp: 42156

Ion Ratio Lower Upper

56 100

55 72.6 57.1 85.7



#14

Allyl chloride

Concen: 18.951 ug/l

RT: 4.714 min Scan# 475

Delta R.T. -0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

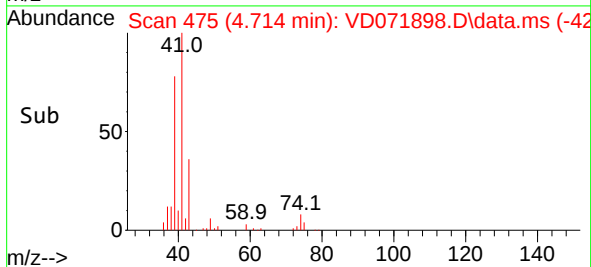
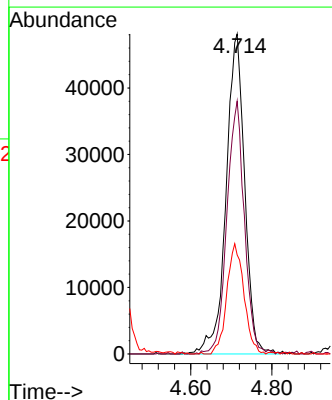
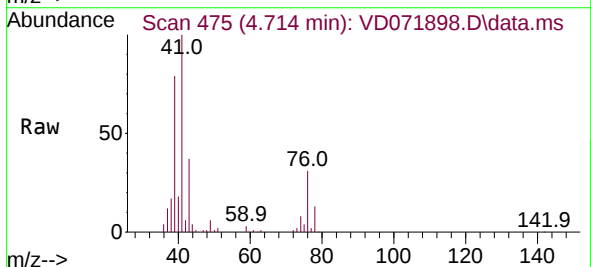
Tgt Ion: 41 Resp: 153057

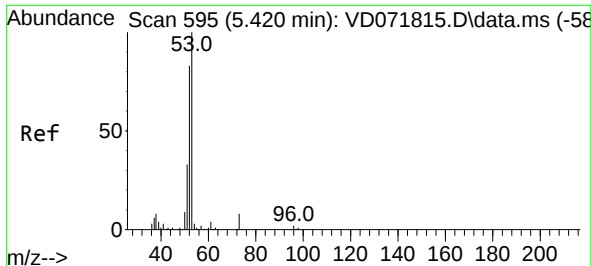
Ion Ratio Lower Upper

41 100

39 73.8 59.3 88.9

76 31.7 25.7 38.5

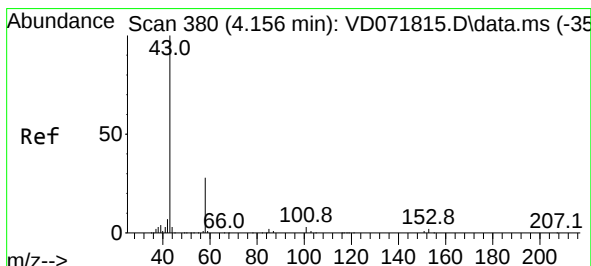
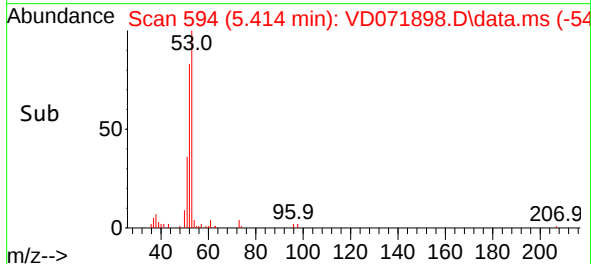
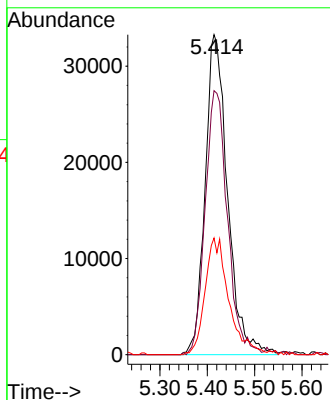
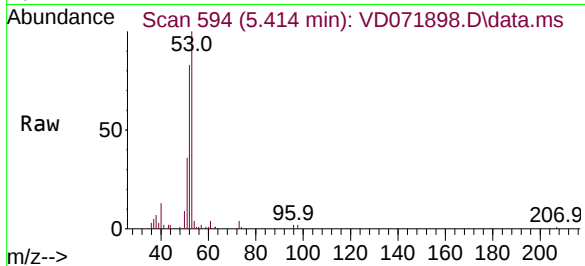




#15
Acrylonitrile
Concen: 99.376 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

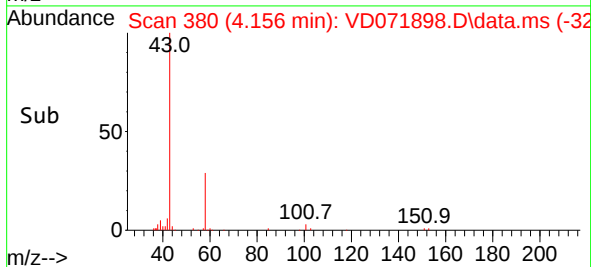
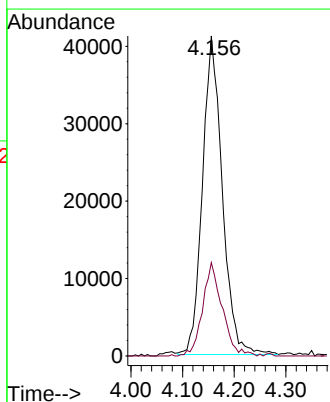
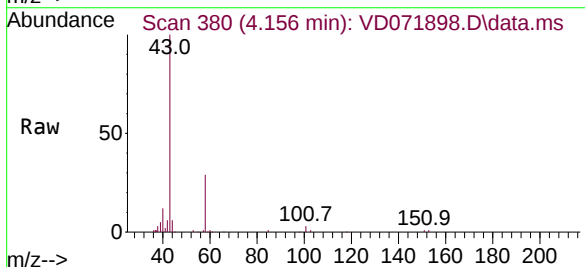
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

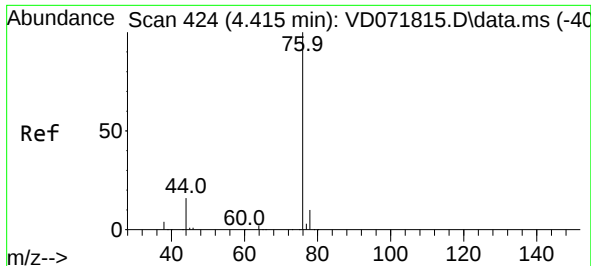
Tgt Ion: 53 Resp: 109480
Ion Ratio Lower Upper
53 100
52 82.0 67.2 100.8
51 38.6 30.3 45.5



#16
Acetone
Concen: 82.248 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 43 Resp: 109747
Ion Ratio Lower Upper
43 100
58 29.3 22.1 33.1

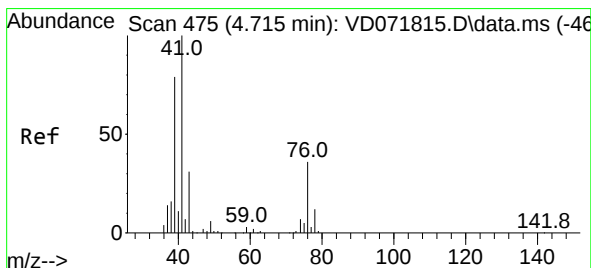
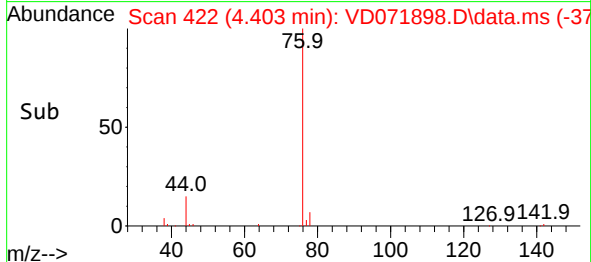
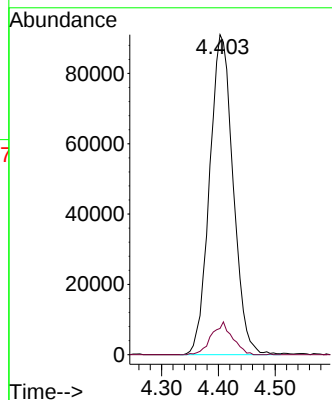
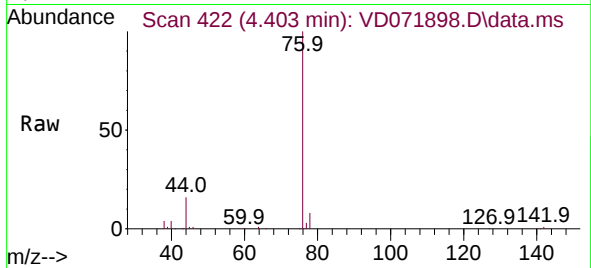




#17
Carbon Disulfide
Concen: 17.734 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

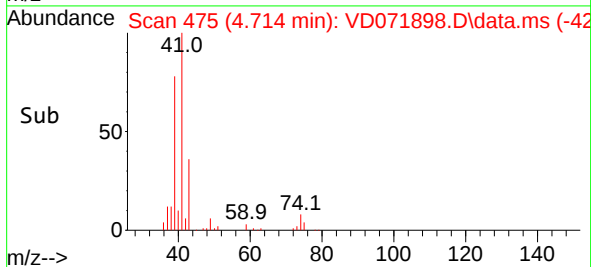
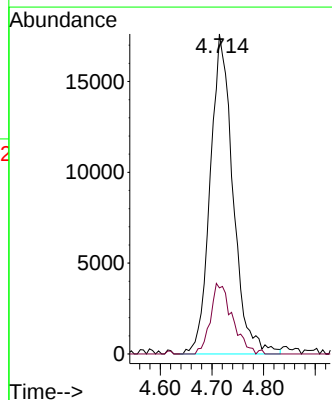
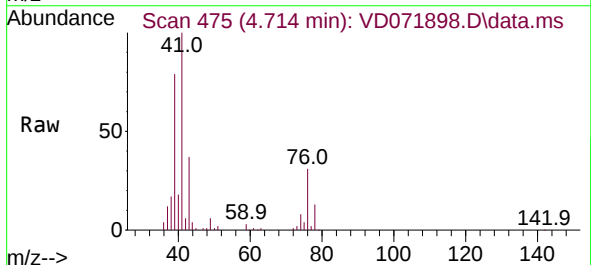
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

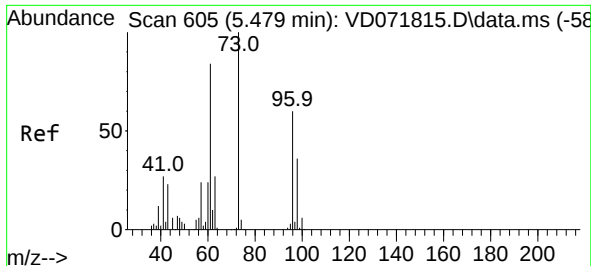
Tgt Ion: 76 Resp: 262003
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 18.717 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 43 Resp: 53999
Ion Ratio Lower Upper
43 100
74 21.0 16.7 25.1

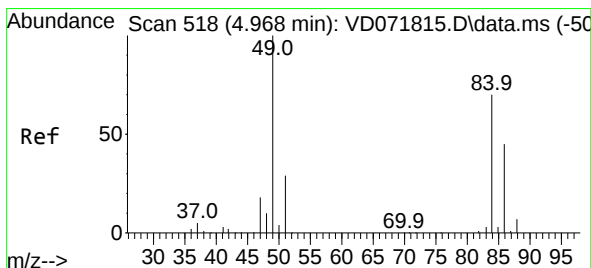
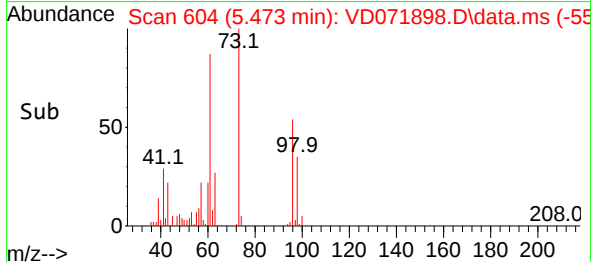
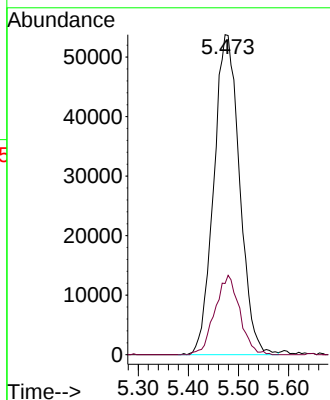
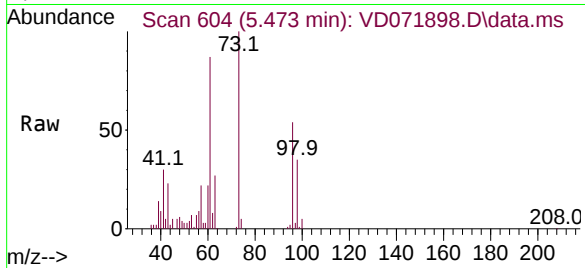




#19
Methyl tert-butyl Ether
Concen: 18.967 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

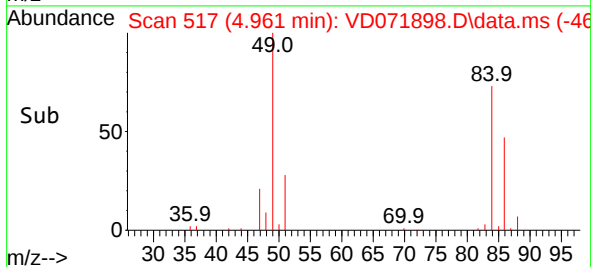
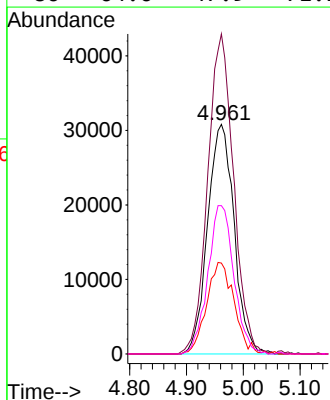
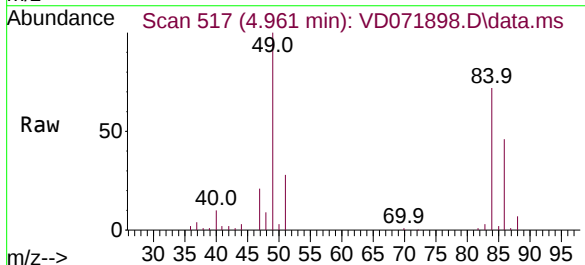
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

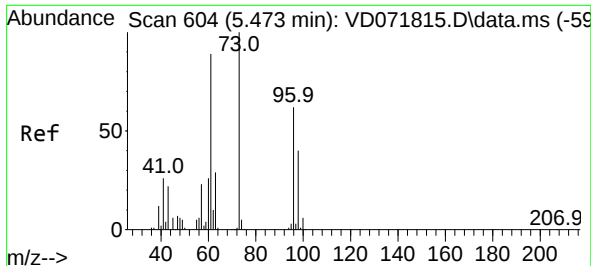
Tgt Ion: 73 Resp: 192248
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0



#20
Methylene Chloride
Concen: 18.143 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 84 Resp: 99970
Ion Ratio Lower Upper
84 100
49 139.4 112.8 169.2
51 39.6 32.6 48.8
86 64.6 47.9 71.9

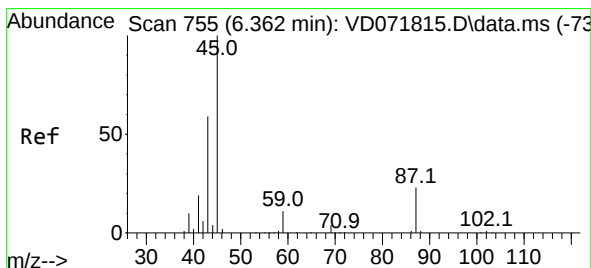
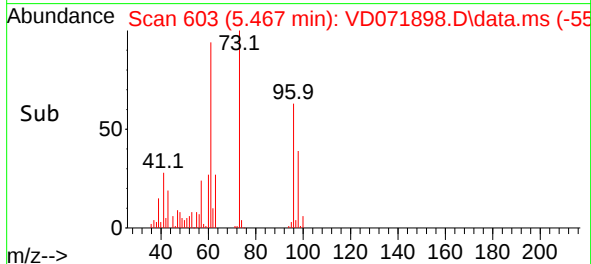
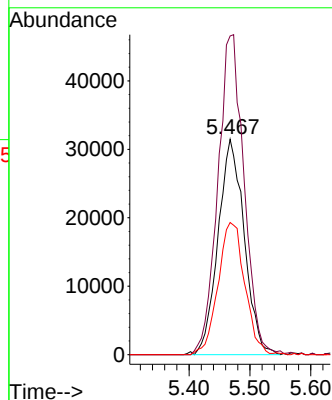
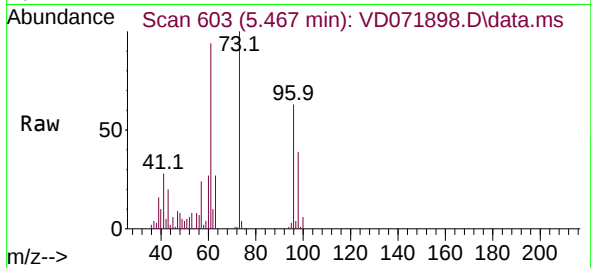




#21
trans-1,2-Dichloroethene
Concen: 19.032 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.012 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

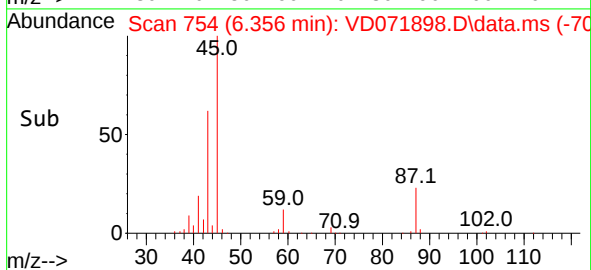
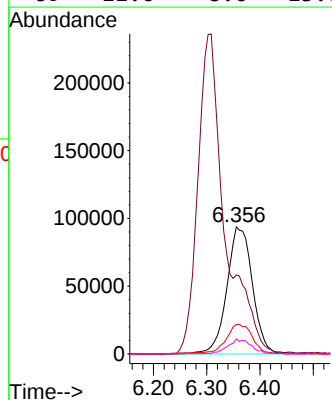
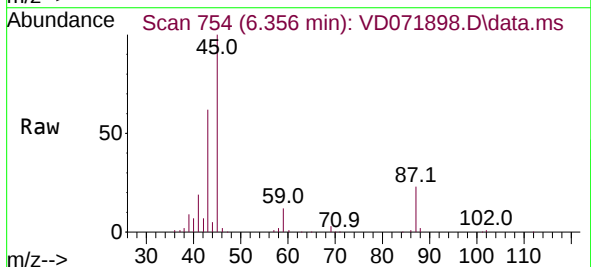
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

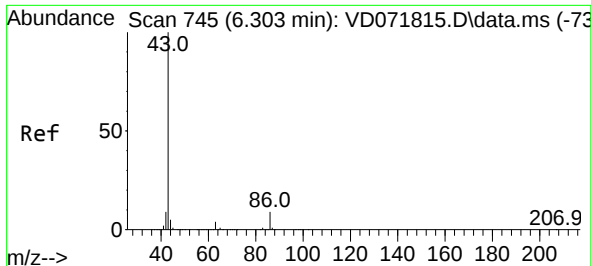
Tgt Ion: 96 Resp: 93875
Ion Ratio Lower Upper
96 100
61 148.0 117.9 176.9
98 61.3 49.4 74.2



#22
Diisopropyl ether
Concen: 19.675 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 45 Resp: 311439
Ion Ratio Lower Upper
45 100
43 60.6 46.6 70.0
87 22.9 18.4 27.6
59 11.6 8.6 13.0

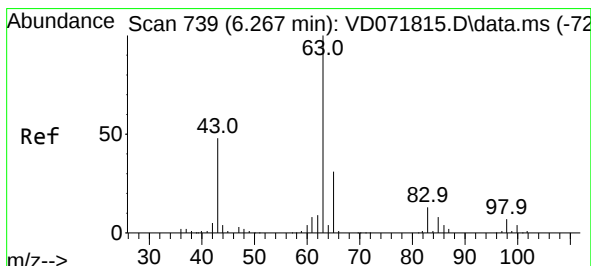
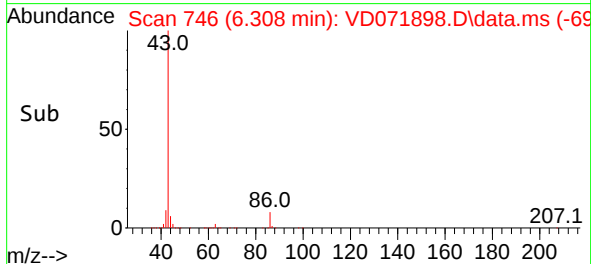
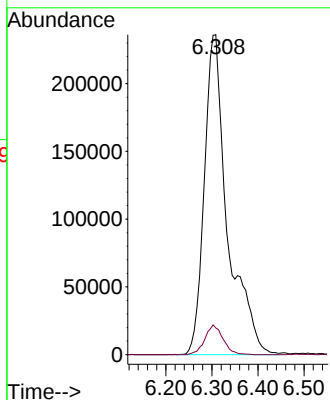
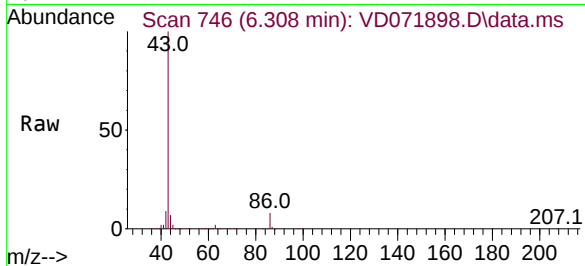




#23
 Vinyl Acetate
 Concen: 94.913 ug/l
 RT: 6.308 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD071898.D
 Acq: 04 Feb 2022 14:57

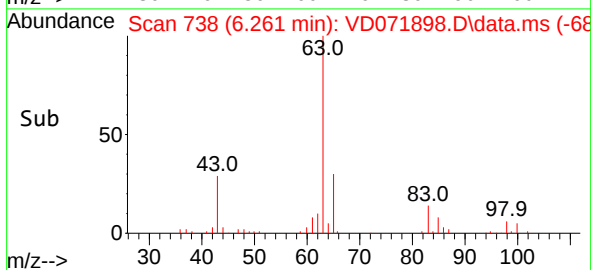
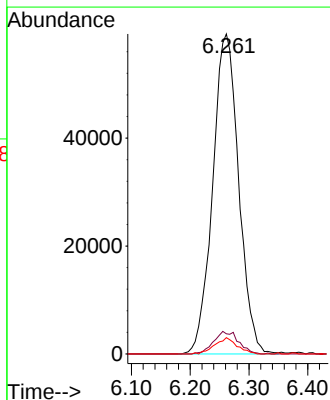
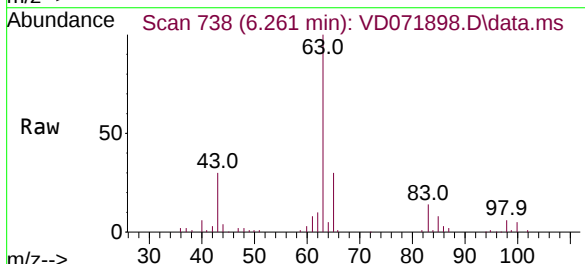
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBSD01

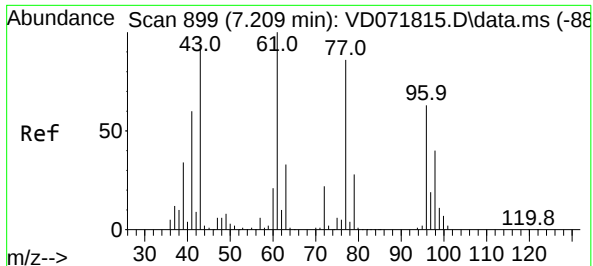
Tgt Ion: 43 Resp: 828807
 Ion Ratio Lower Upper
 43 100
 86 8.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.759 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD071898.D
 Acq: 04 Feb 2022 14:57

Tgt Ion: 63 Resp: 182305
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 5.1 2.1 6.5

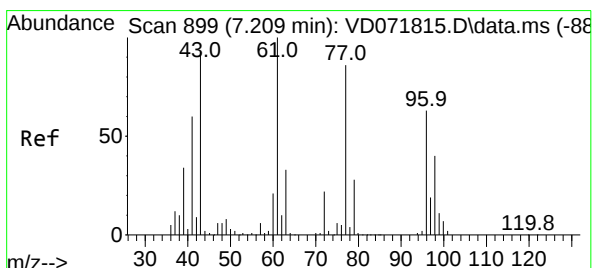
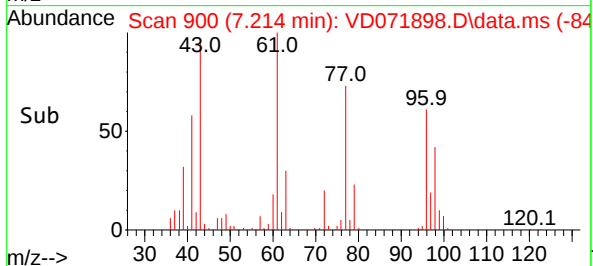
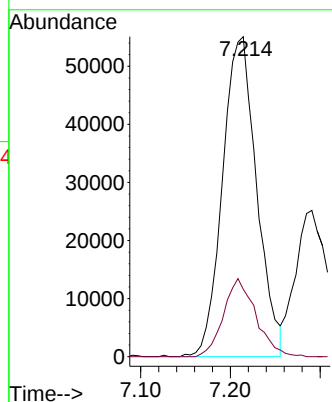
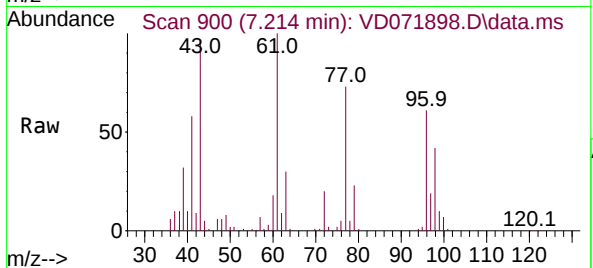




#25
2-Butanone
Concen: 93.656 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

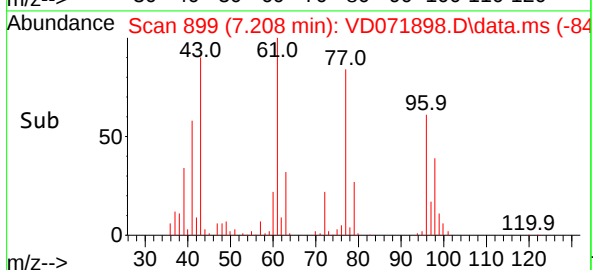
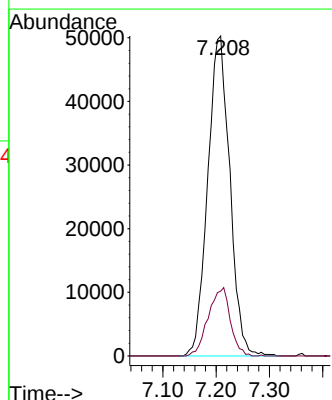
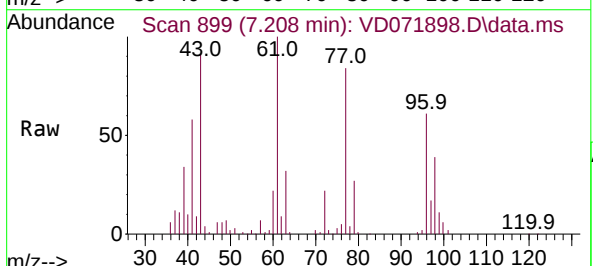
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

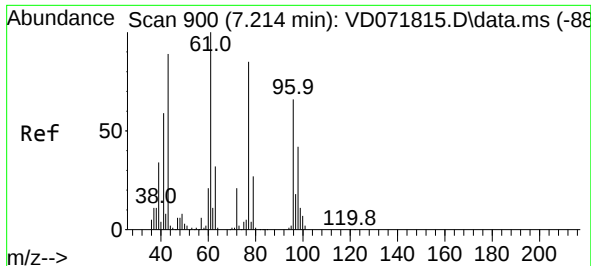
Tgt Ion: 43 Resp: 145687
Ion Ratio Lower Upper
43 100
72 21.1 18.6 27.8



#26
2,2-Dichloropropane
Concen: 18.968 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 77 Resp: 144818
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.4

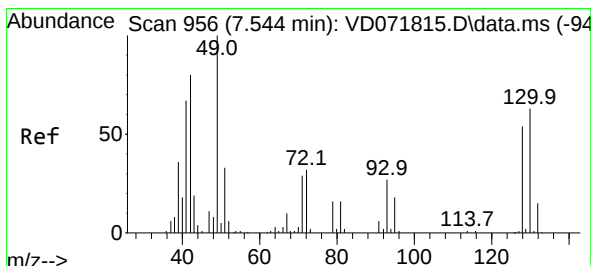
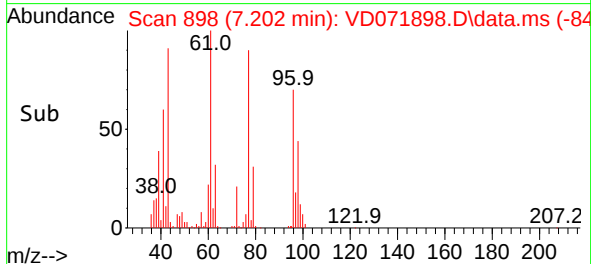
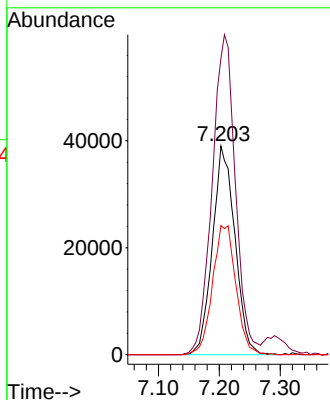
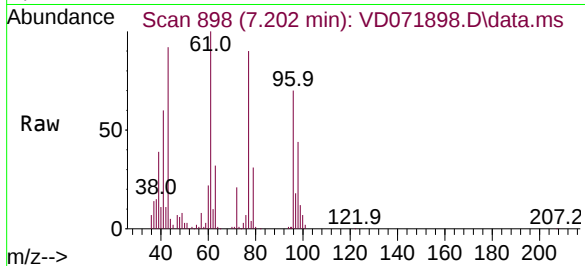




#27
cis-1,2-Dichloroethene
Concen: 18.889 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

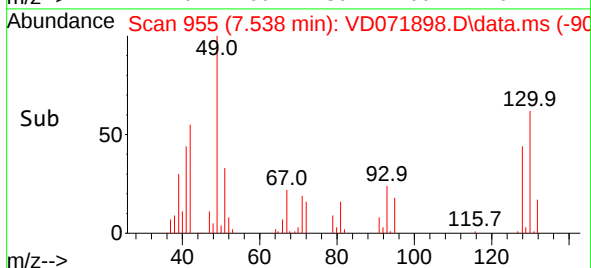
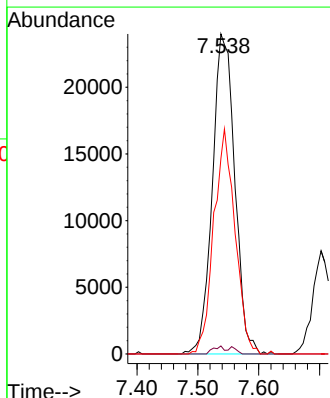
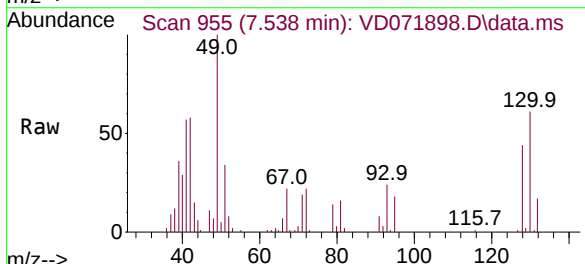
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

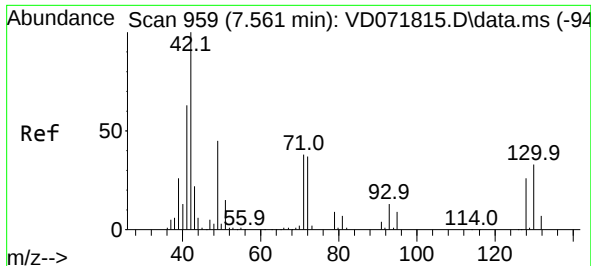
Tgt Ion: 96 Resp: 100067
Ion Ratio Lower Upper
96 100
61 158.7 0.0 313.8
98 64.6 0.0 128.8



#28
Bromochloromethane
Concen: 17.603 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.012 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 49 Resp: 61257
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.0
130 66.9 52.6 79.0





#29

Tetrahydrofuran

Concen: 98.836 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBSD01

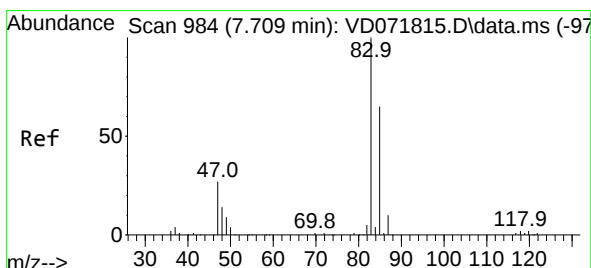
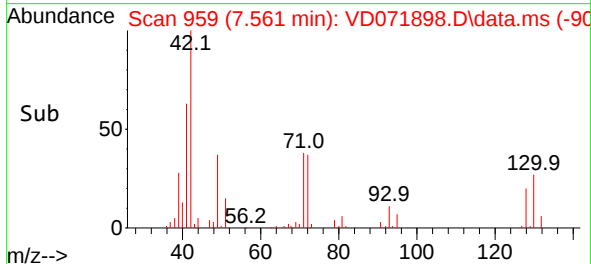
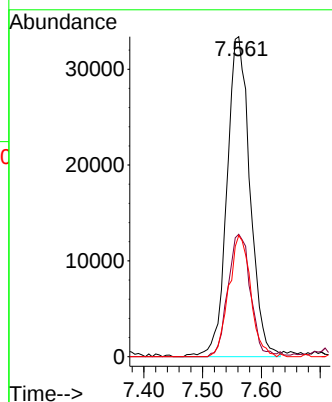
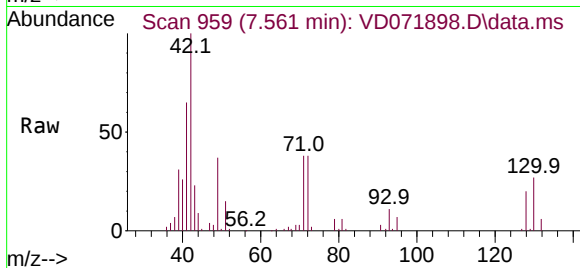
Tgt Ion: 42 Resp: 90969

Ion Ratio Lower Upper

42 100

72 37.7 30.7 46.1

71 35.9 28.6 43.0



#30

Chloroform

Concen: 19.837 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.000 min

Lab File: VD071898.D

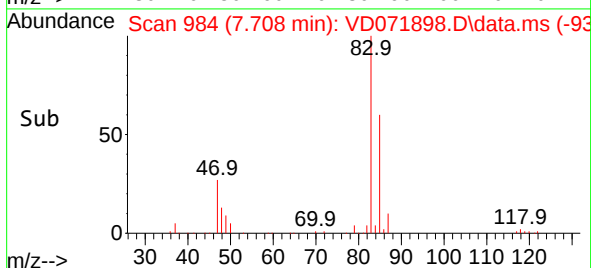
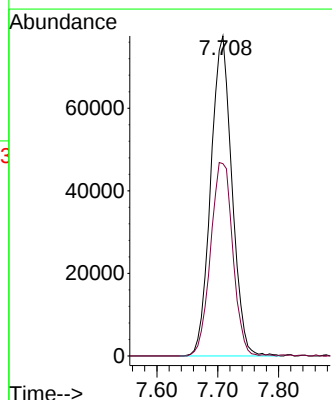
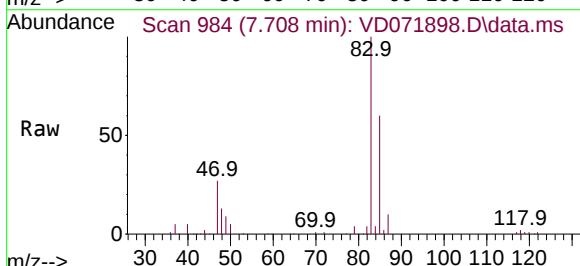
Acq: 04 Feb 2022 14:57

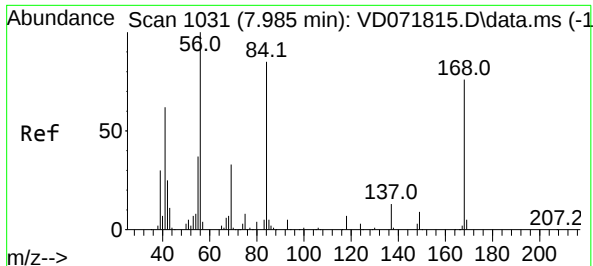
Tgt Ion: 83 Resp: 186976

Ion Ratio Lower Upper

83 100

85 60.1 52.7 79.1

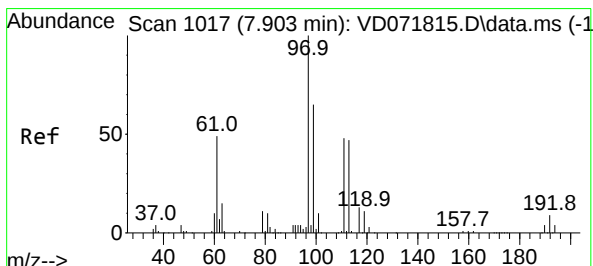
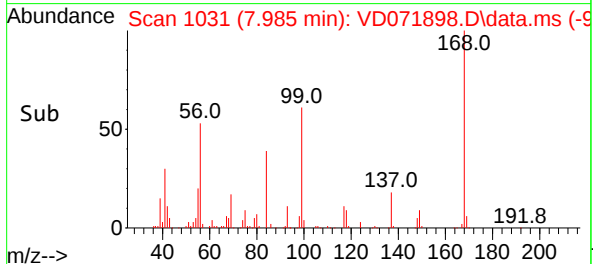
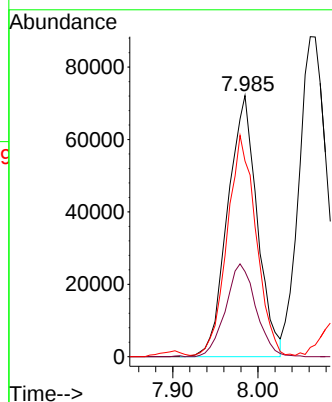
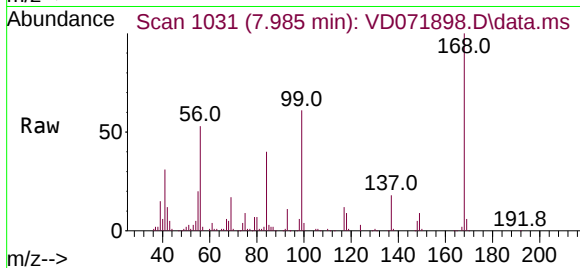




#31
Cyclohexane
Concen: 18.703 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

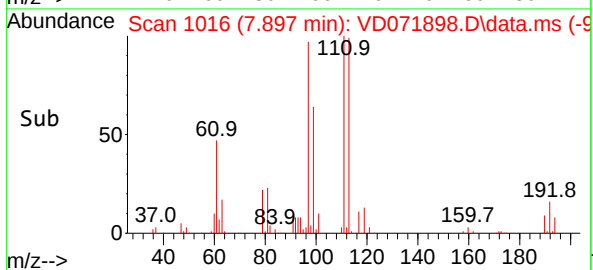
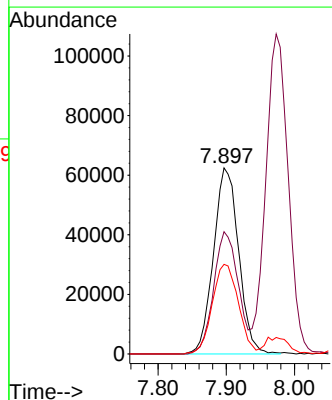
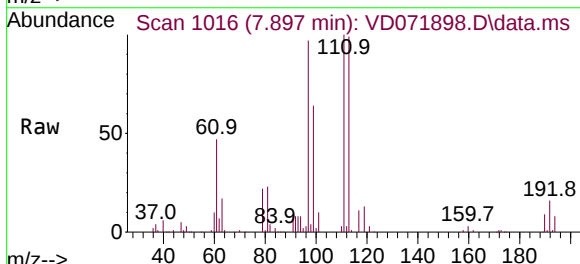
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

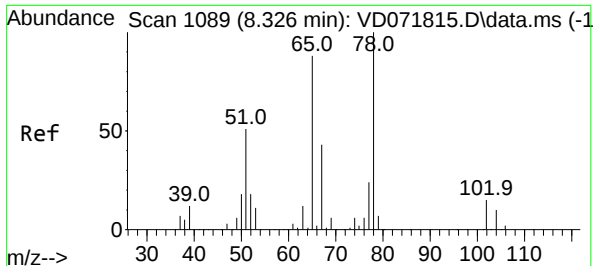
Tgt Ion: 56 Resp: 174053
Ion Ratio Lower Upper
56 100
69 32.3 25.4 38.2
84 73.4 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 19.311 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 97 Resp: 160546
Ion Ratio Lower Upper
97 100
99 63.5 52.4 78.6
61 49.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 51.274 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

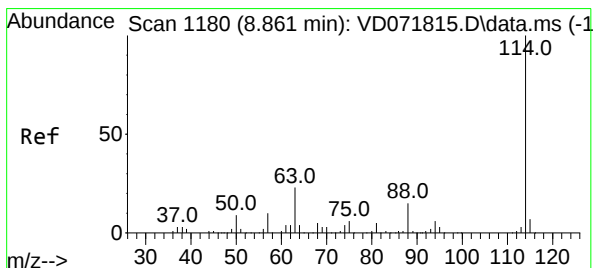
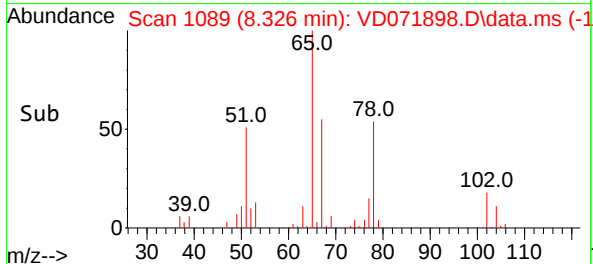
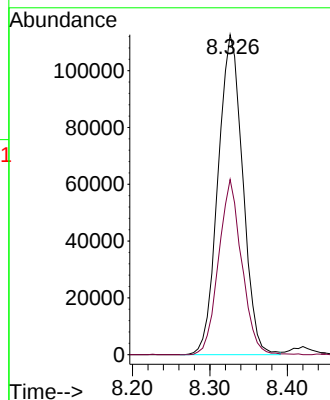
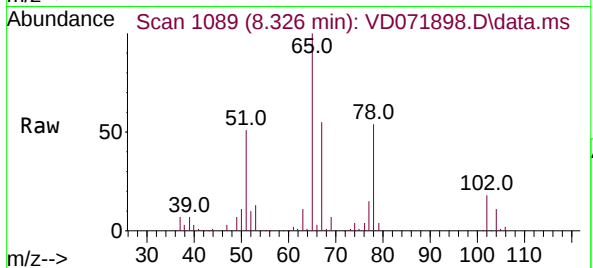
VD0204SBS01

Tgt Ion: 65 Resp: 249934

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

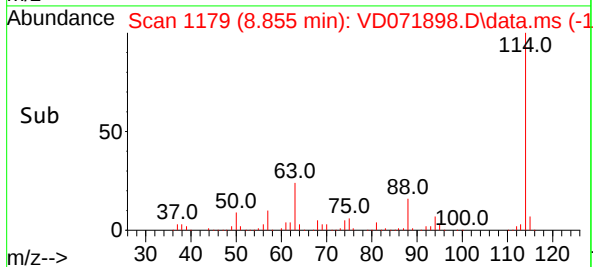
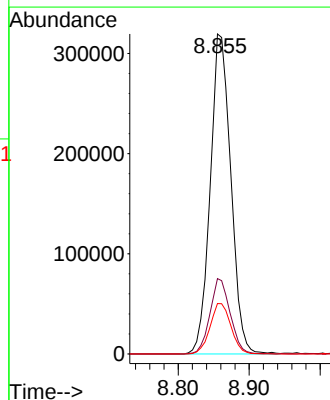
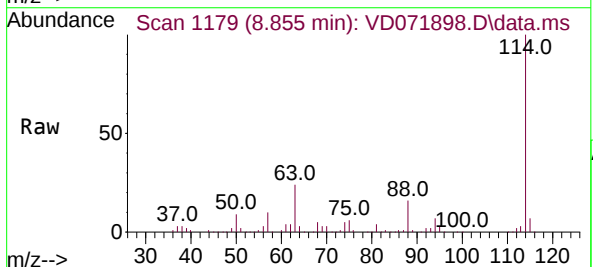
Tgt Ion: 114 Resp: 644408

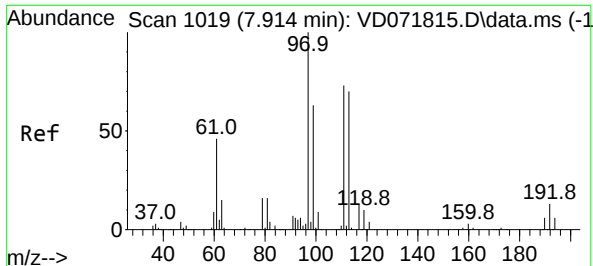
Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.666 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBSD01

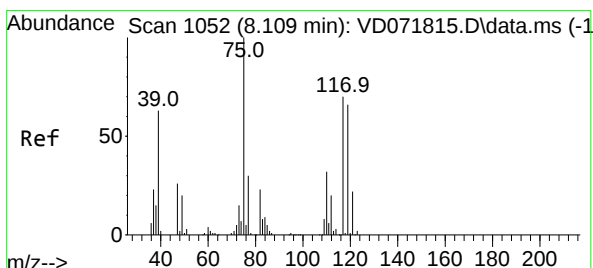
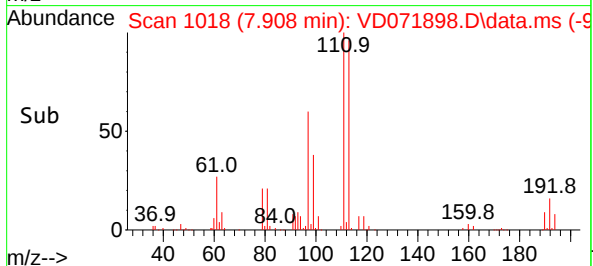
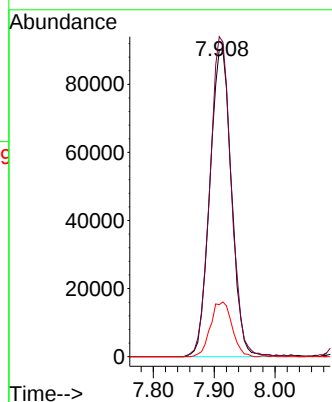
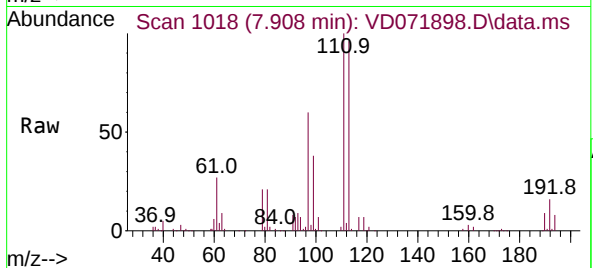
Tgt Ion:113 Resp: 223088

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 17.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 19.242 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

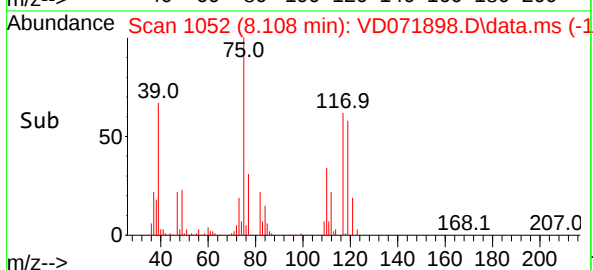
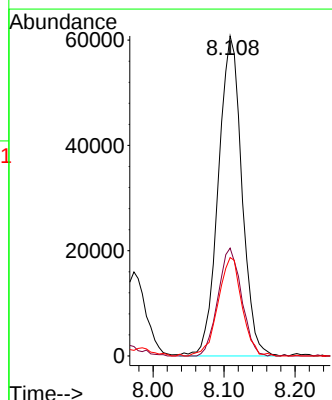
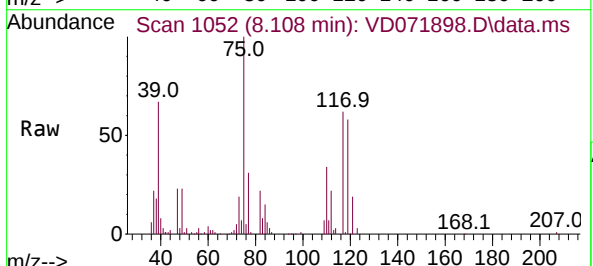
Tgt Ion: 75 Resp: 139897

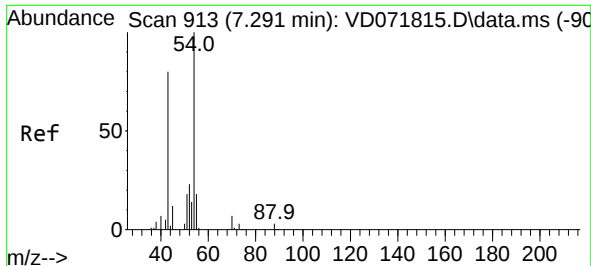
Ion Ratio Lower Upper

75 100

110 33.6 16.4 49.1

77 31.1 24.2 36.2





#37

Ethyl Acetate

Concen: 19.307 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

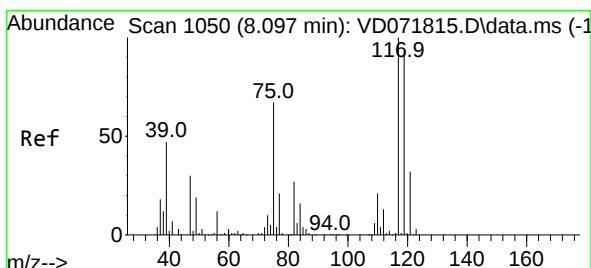
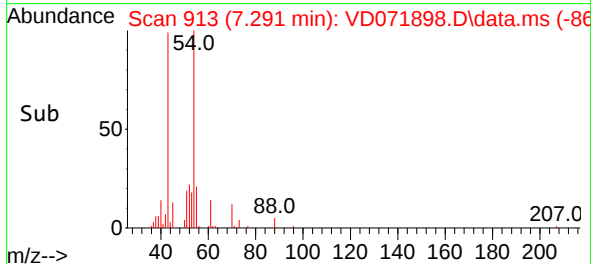
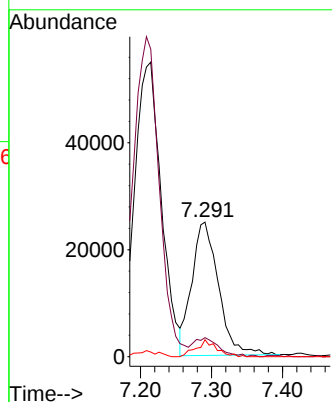
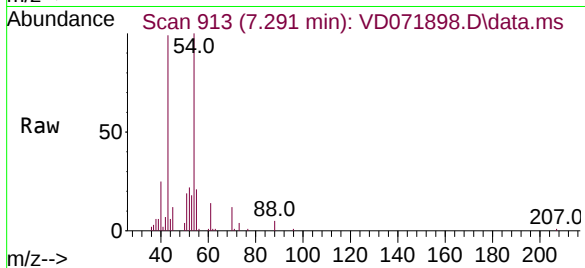
Tgt Ion: 43 Resp: 65259

Ion Ratio Lower Upper

43 100

61 13.4 9.8 14.8

70 9.6 6.9 10.3



#38

Carbon Tetrachloride

Concen: 19.930 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

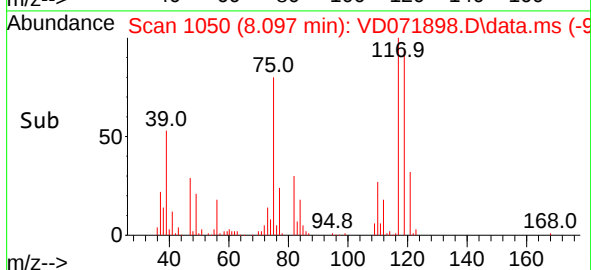
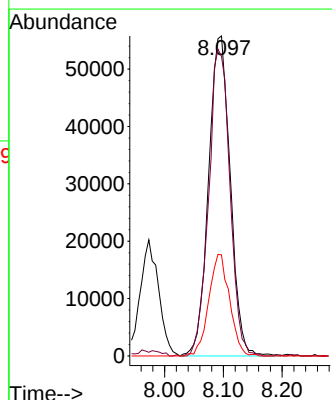
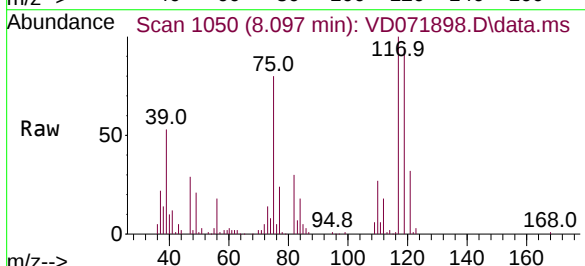
Tgt Ion: 117 Resp: 143290

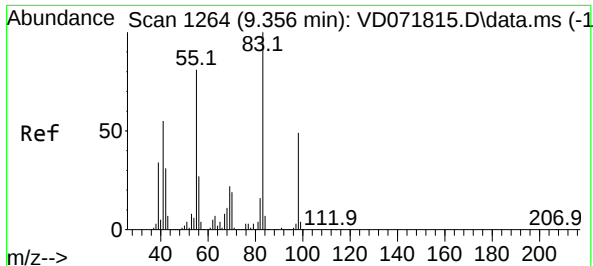
Ion Ratio Lower Upper

117 100

119 93.6 75.8 113.6

121 31.6 24.5 36.7





#39

Methylcyclohexane

Concen: 18.398 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBSD01

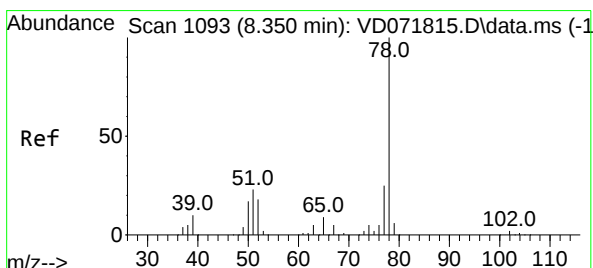
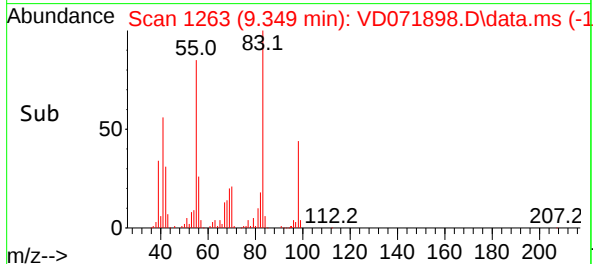
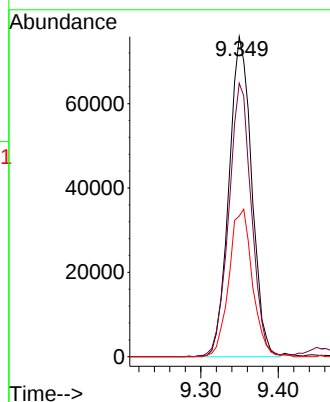
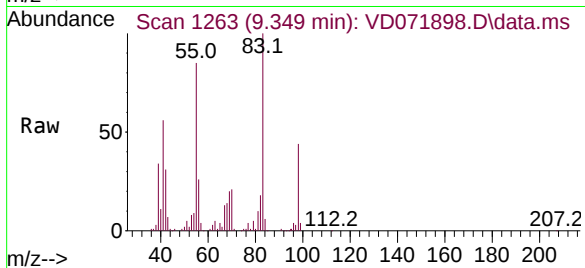
Tgt Ion: 83 Resp: 154989

Ion Ratio Lower Upper

83 100

55 85.4 63.2 94.8

98 44.0 38.2 57.4



#40

Benzene

Concen: 19.113 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071898.D

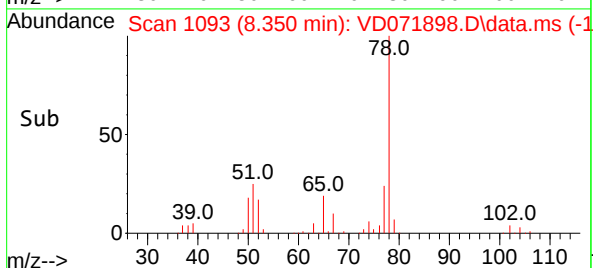
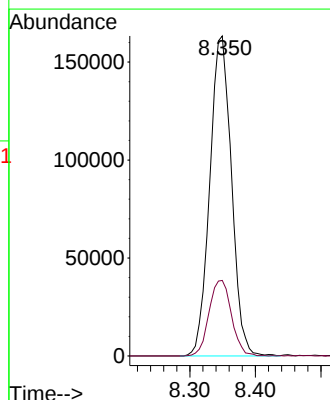
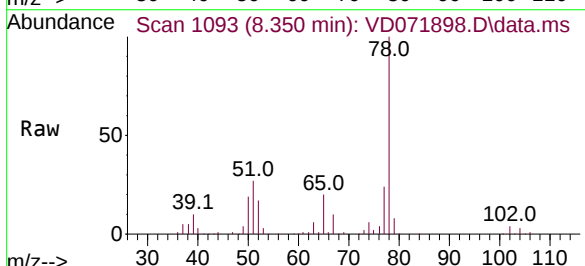
Acq: 04 Feb 2022 14:57

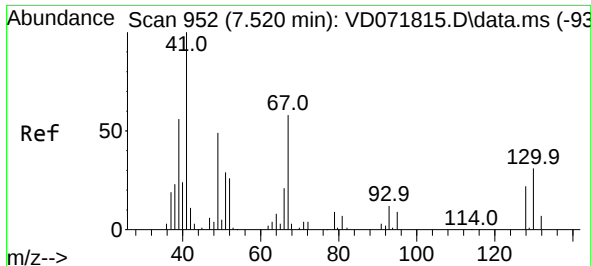
Tgt Ion: 78 Resp: 375100

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7

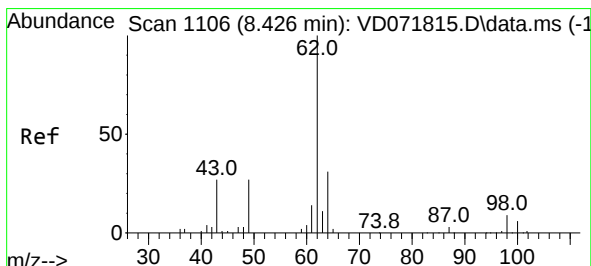
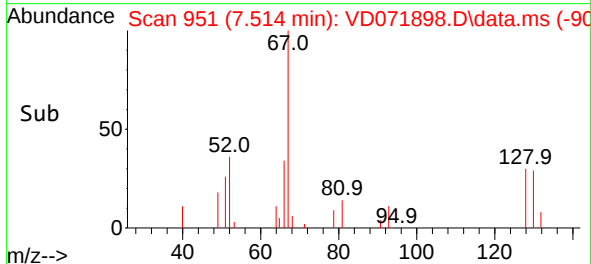
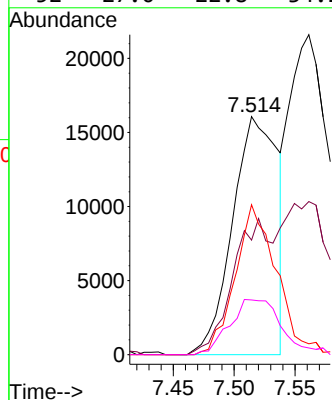
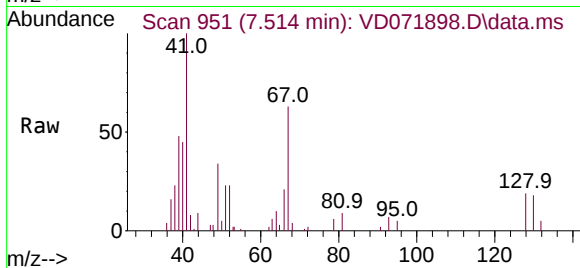




#41
Methacrylonitrile
Concen: 21.620 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

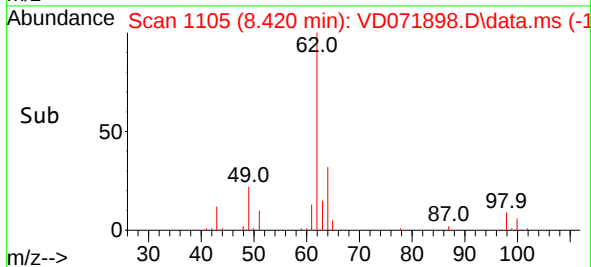
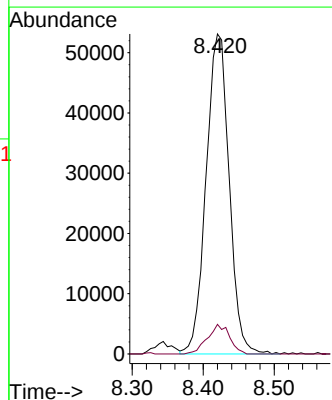
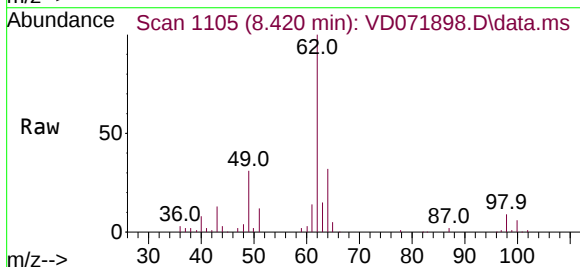
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

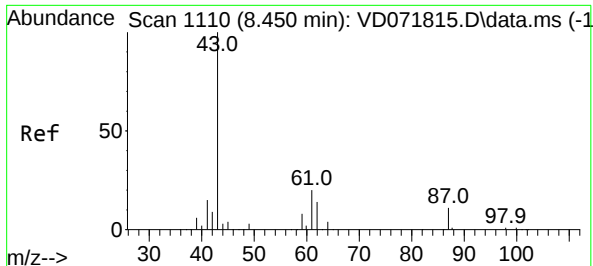
Tgt Ion:	41	Resp:	41343
Ion	Ratio	Lower	Upper
41	100		
39	49.2	44.6	67.0
67	58.0	48.2	72.4
52	27.0	22.8	34.2



#42
1,2-Dichloroethane
Concen: 19.343 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion:	62	Resp:	119871
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 19.793 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBSD01

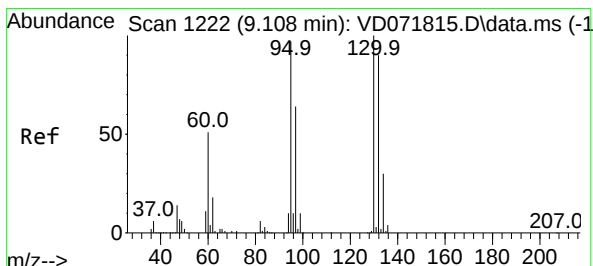
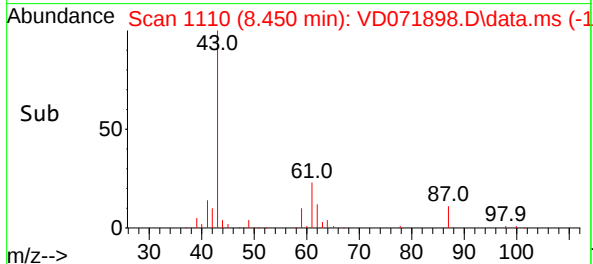
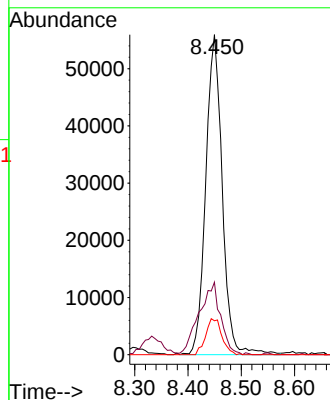
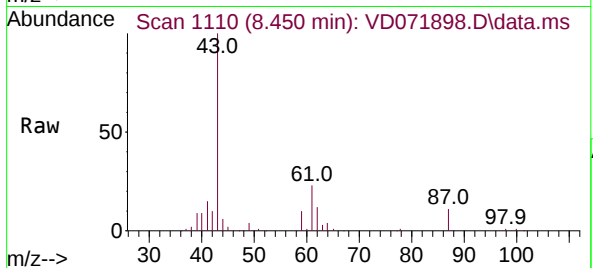
Tgt Ion: 43 Resp: 120243

Ion Ratio Lower Upper

43 100

61 29.6 22.4 33.6

87 11.0 8.7 13.1



#44

Trichloroethene

Concen: 19.502 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD071898.D

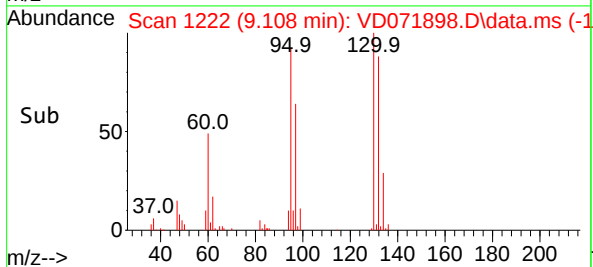
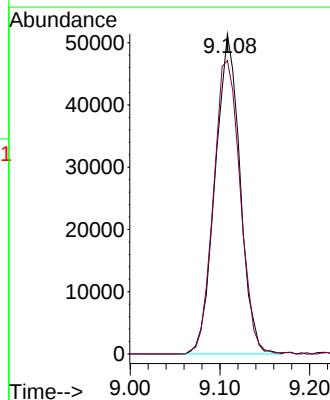
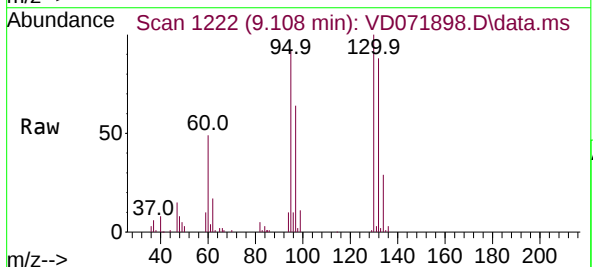
Acq: 04 Feb 2022 14:57

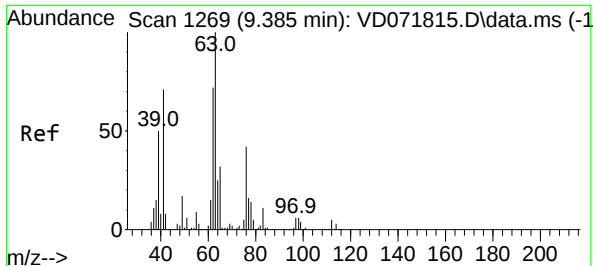
Tgt Ion:130 Resp: 98817

Ion Ratio Lower Upper

130 100

95 91.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.154 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

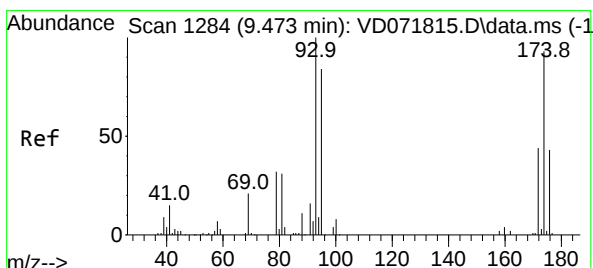
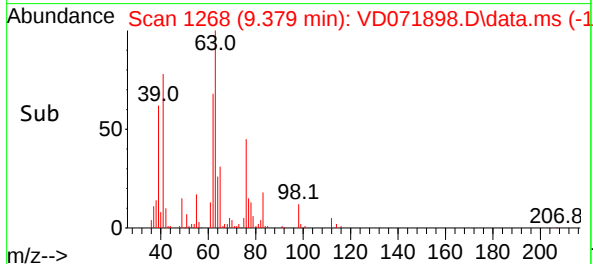
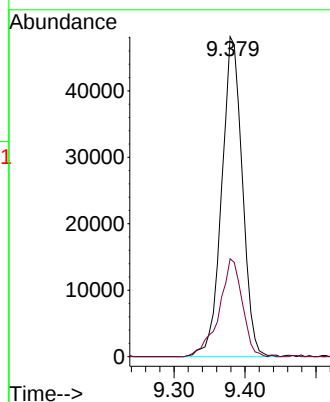
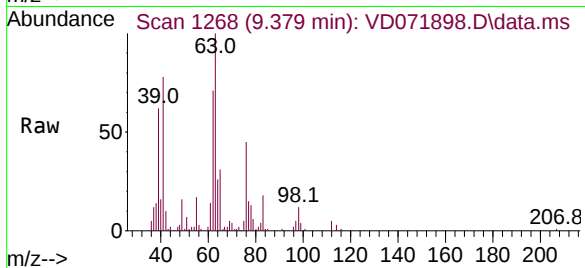
VD0204SBS01

Tgt Ion: 63 Resp: 96927

Ion Ratio Lower Upper

63 100

65 30.6 26.2 39.4



#46

Dibromomethane

Concen: 19.639 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

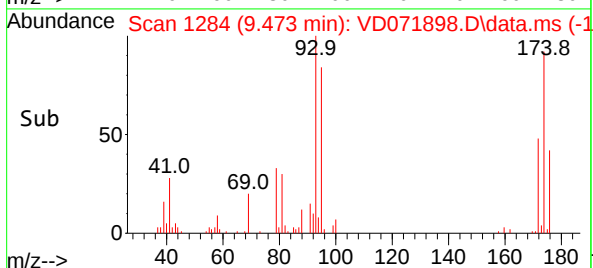
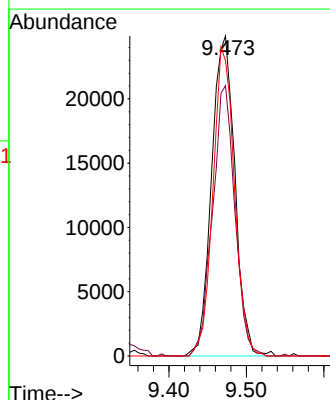
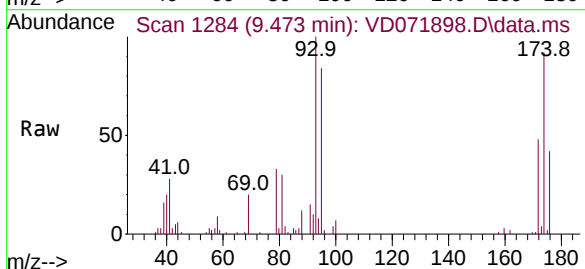
Tgt Ion: 93 Resp: 52035

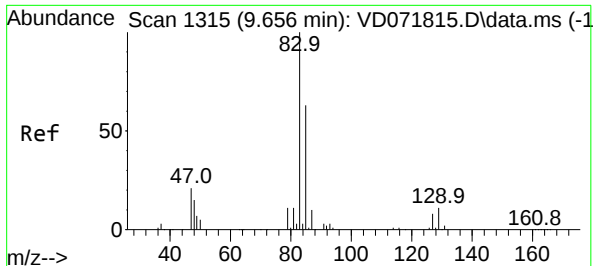
Ion Ratio Lower Upper

93 100

95 81.2 66.7 100.1

174 89.3 71.6 107.4





#47

Bromodichloromethane

Concen: 19.777 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBSD01

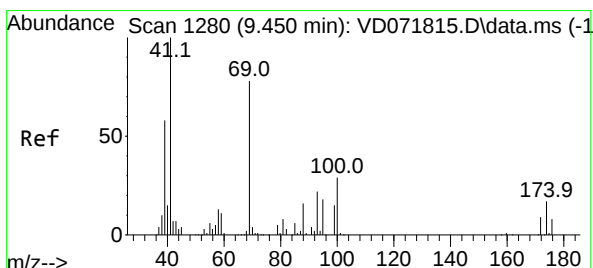
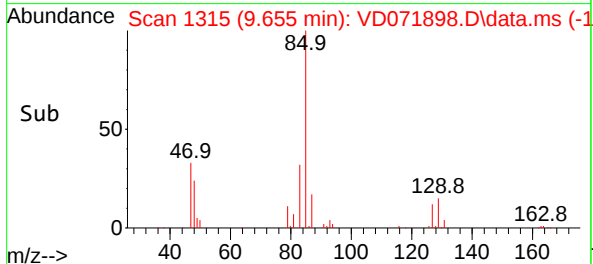
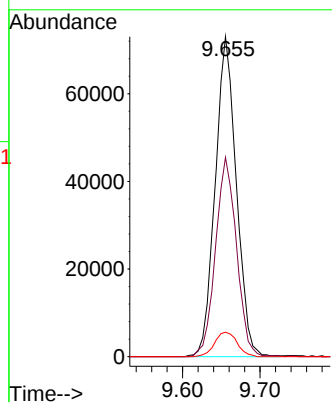
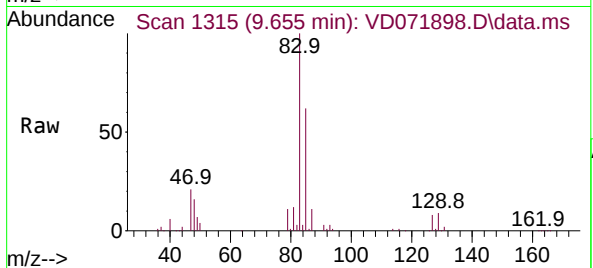
Tgt Ion: 83 Resp: 138587

Ion Ratio Lower Upper

83 100

85 62.3 51.4 77.0

127 7.6 6.1 9.1



#48

Methyl methacrylate

Concen: 18.781 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

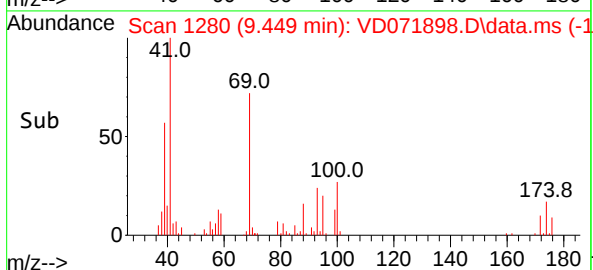
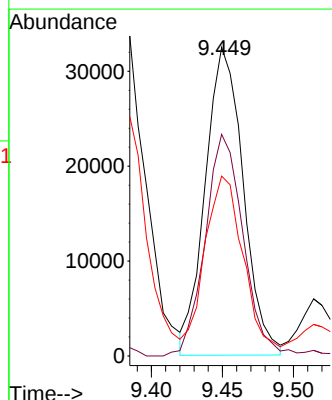
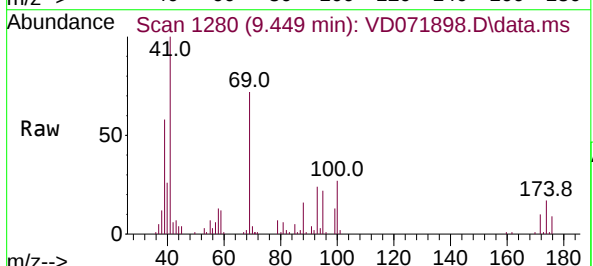
Tgt Ion: 41 Resp: 60384

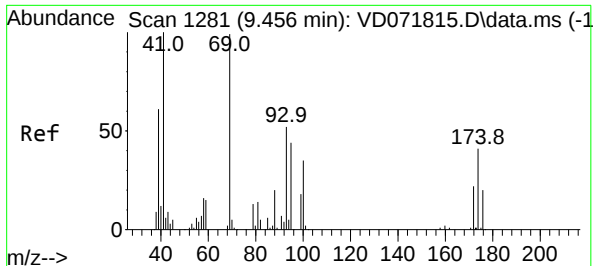
Ion Ratio Lower Upper

41 100

69 72.2 56.7 85.1

39 53.5 42.7 64.1





#49

1,4-Dioxane

Concen: 406.087 ug/l

RT: 9.461 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBSD01

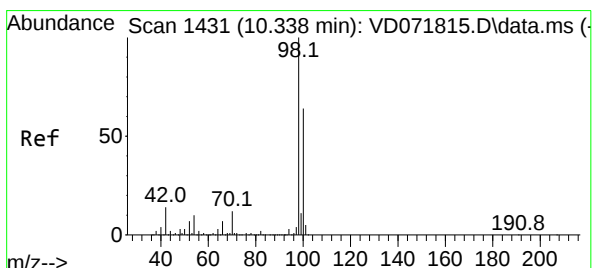
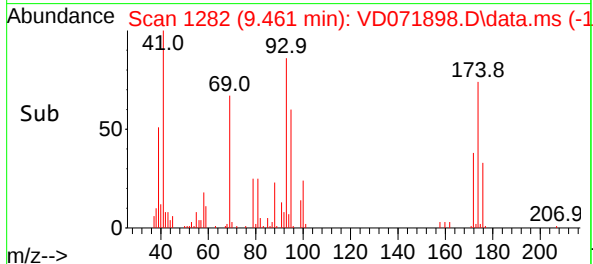
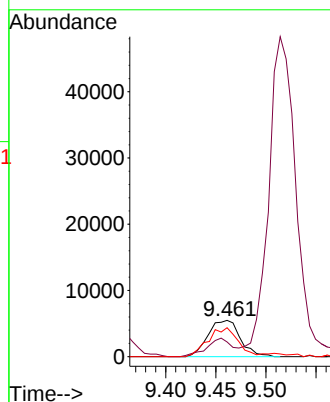
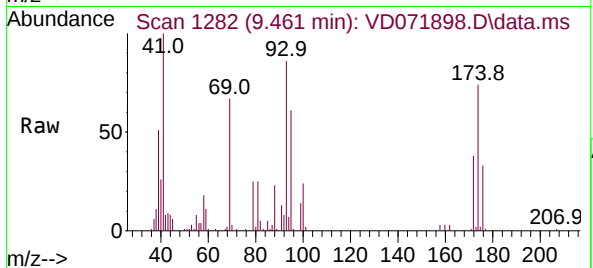
Tgt Ion: 88 Resp: 12281

Ion Ratio Lower Upper

88 100

43 40.6 31.0 46.4

58 76.2 58.1 87.1



#50

Toluene-d8

Concen: 51.347 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071898.D

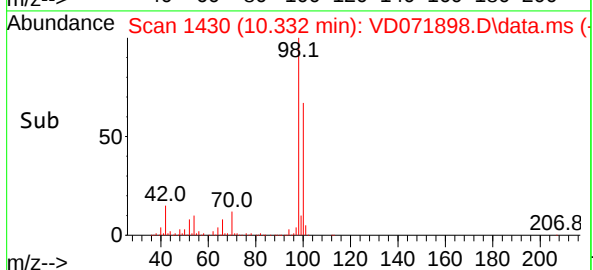
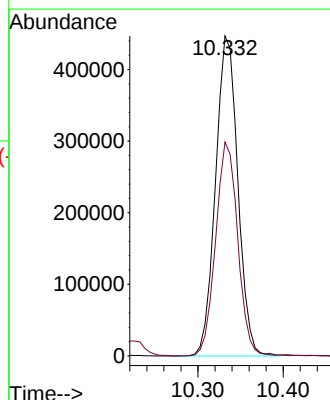
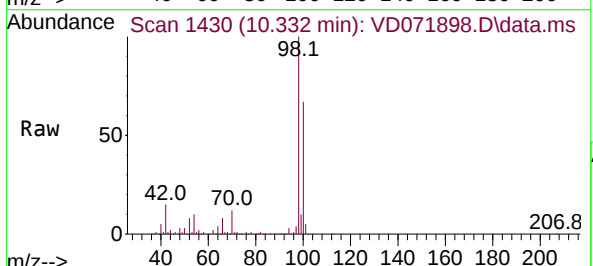
Acq: 04 Feb 2022 14:57

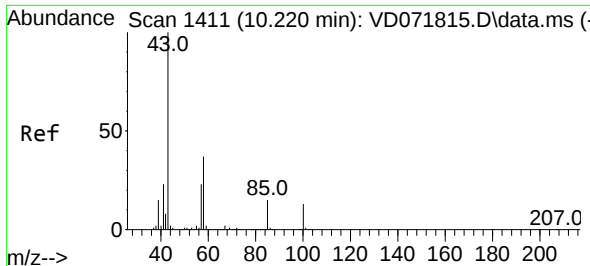
Tgt Ion: 98 Resp: 812293

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6

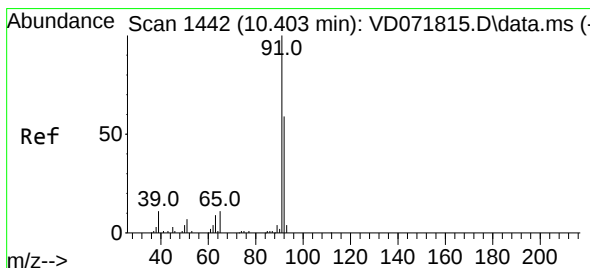
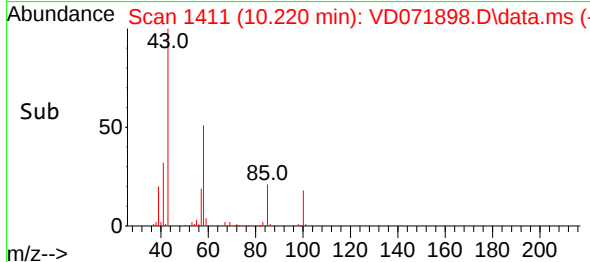
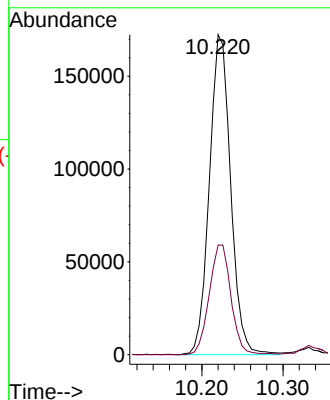
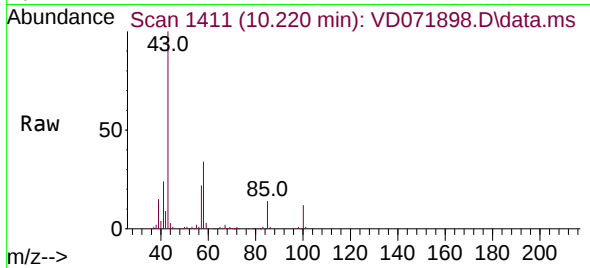




#51
4-Methyl-2-Pentanone
Concen: 98.731 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

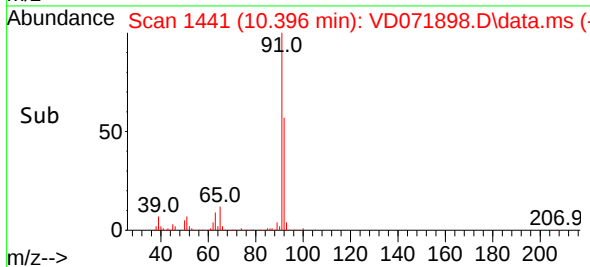
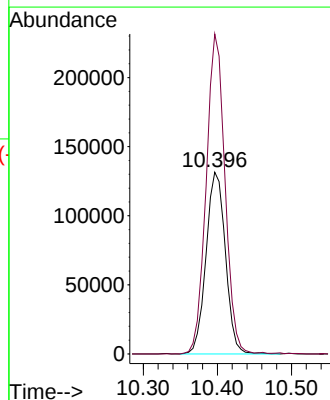
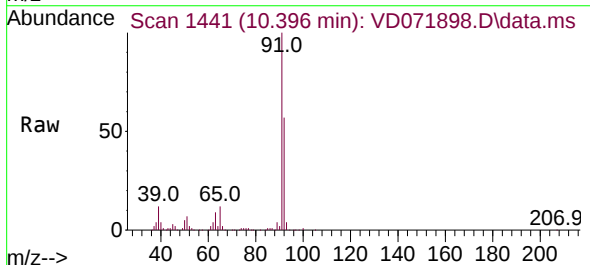
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

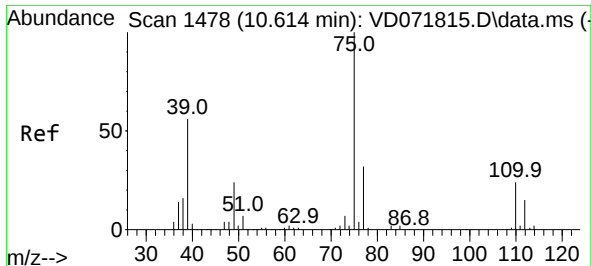
Tgt Ion: 43 Resp: 313882
Ion Ratio Lower Upper
43 100
58 35.1 28.6 43.0



#52
Toluene
Concen: 19.592 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 92 Resp: 239087
Ion Ratio Lower Upper
92 100
91 171.1 139.6 209.4

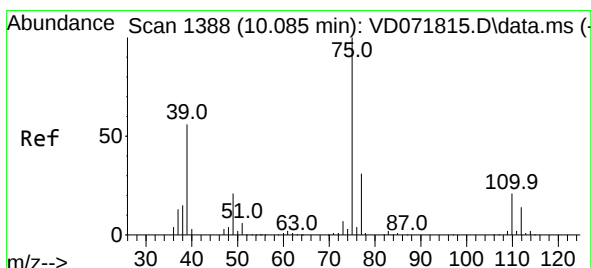
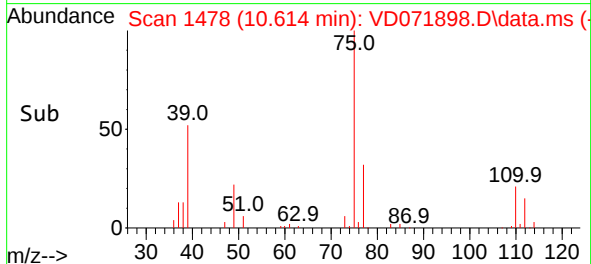
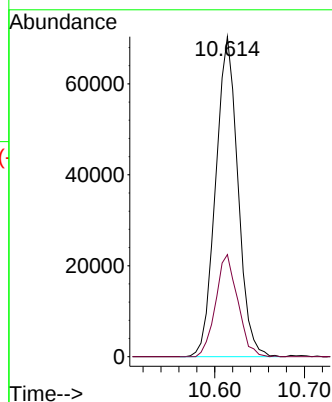
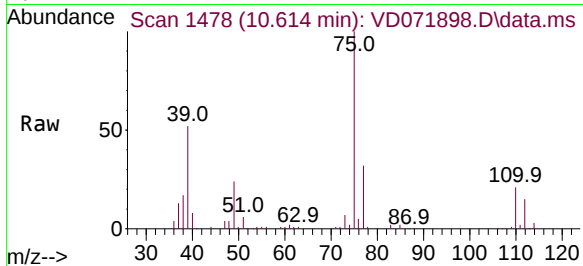




#53
t-1,3-Dichloropropene
Concen: 18.828 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

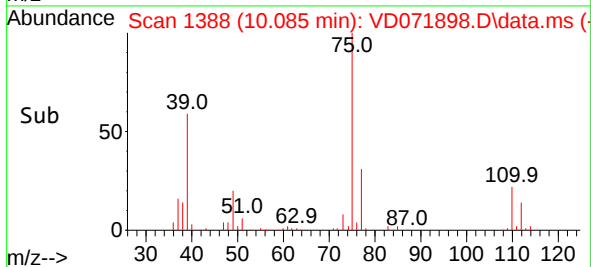
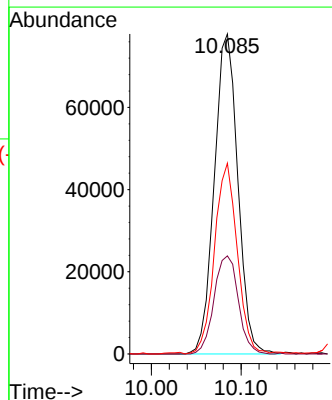
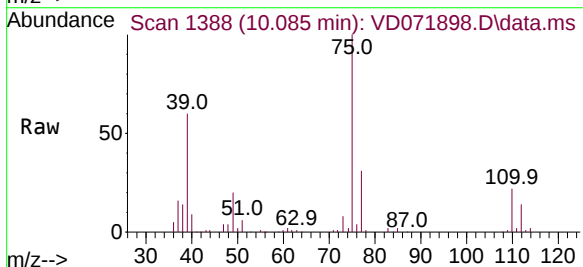
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

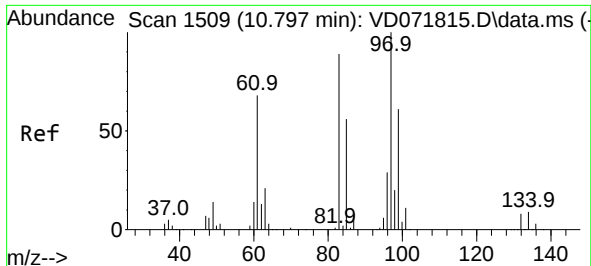
Tgt Ion: 75 Resp: 121175
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 18.787 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 75 Resp: 141733
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 59.1 46.8 70.2

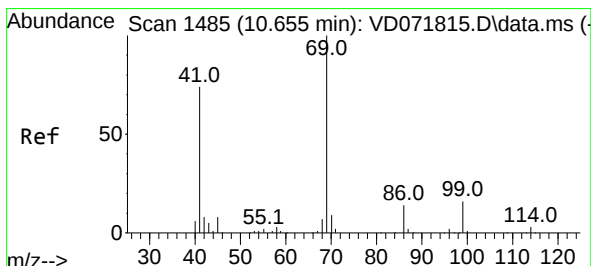
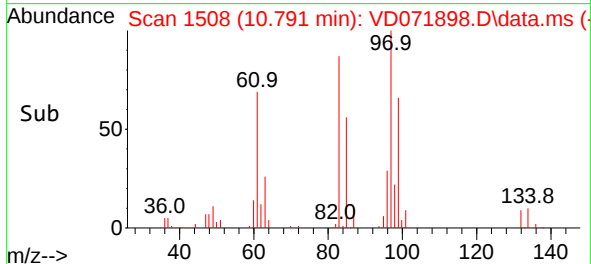
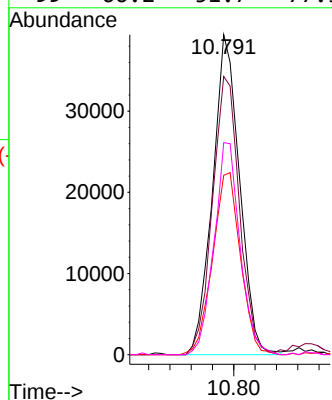
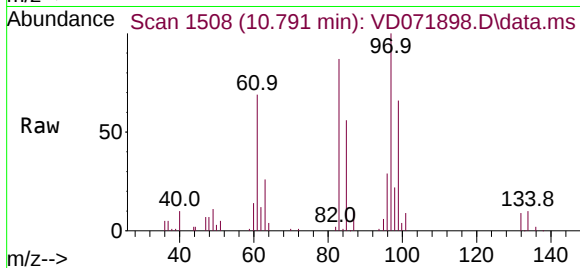




#55
1,1,2-Trichloroethane
Concen: 19.661 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

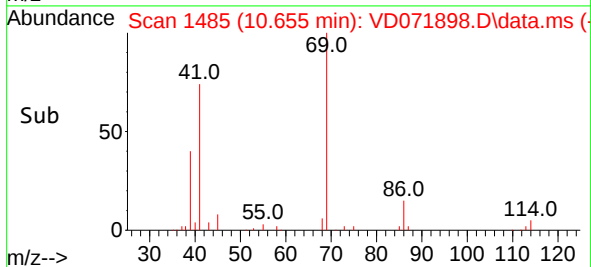
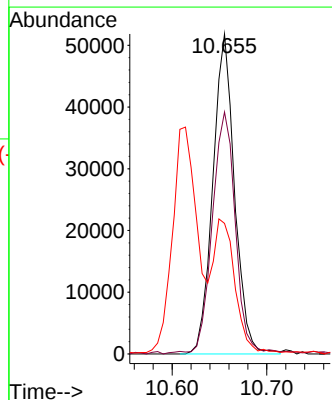
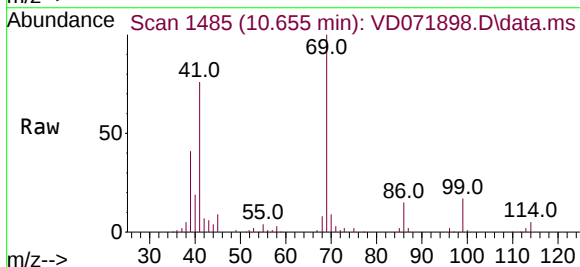
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

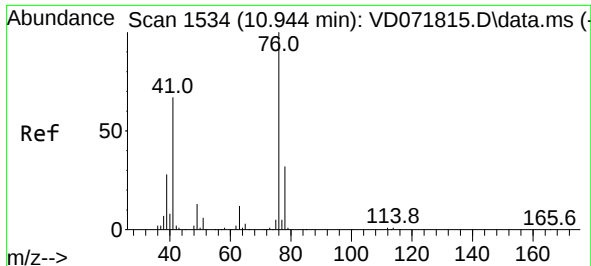
Tgt Ion:	97	Resp:	69137
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.0	103.4
85	56.1	42.6	63.8
99	66.2	51.7	77.5



#56
Ethyl methacrylate
Concen: 18.972 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion:	69	Resp:	82599
Ion	Ratio	Lower	Upper
69	100		
41	81.1	63.0	94.6
39	40.6	33.8	50.8





#57

1,3-Dichloropropane

Concen: 19.812 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

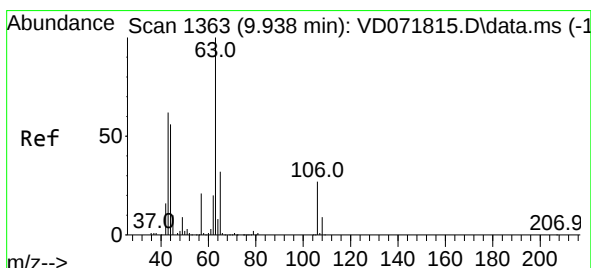
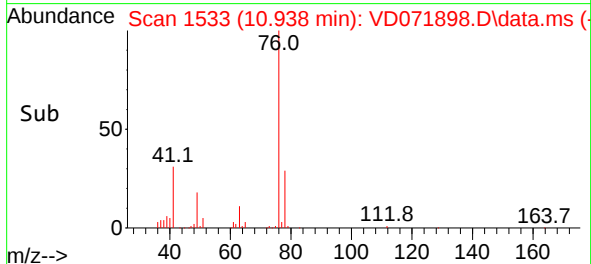
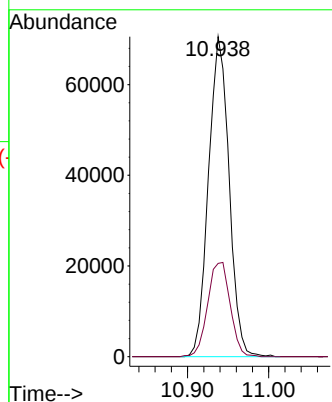
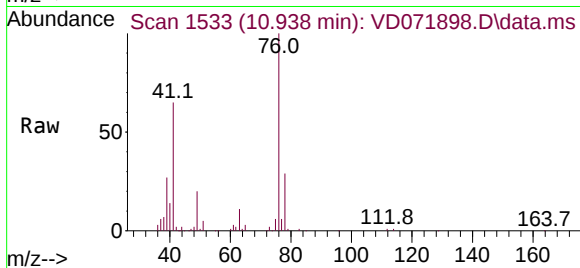
VD0204SBS01

Tgt Ion: 76 Resp: 124376

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 99.307 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071898.D

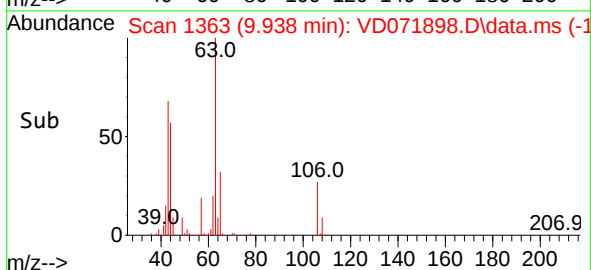
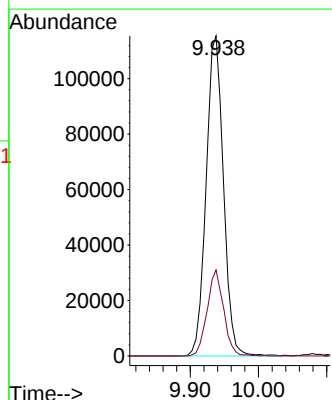
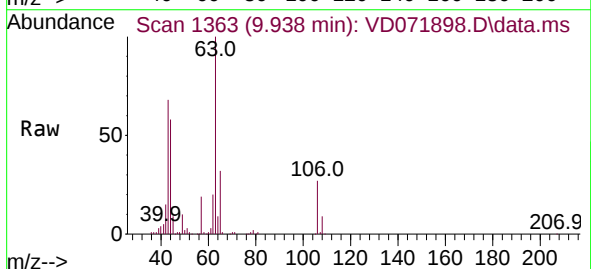
Acq: 04 Feb 2022 14:57

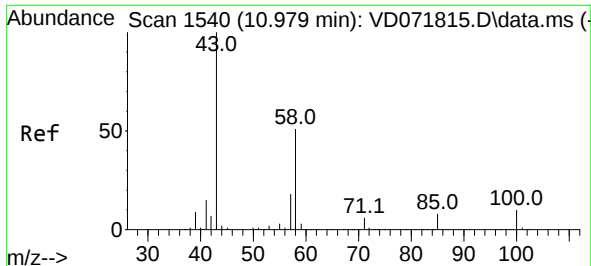
Tgt Ion: 63 Resp: 203535

Ion Ratio Lower Upper

63 100

106 25.6 21.4 32.0

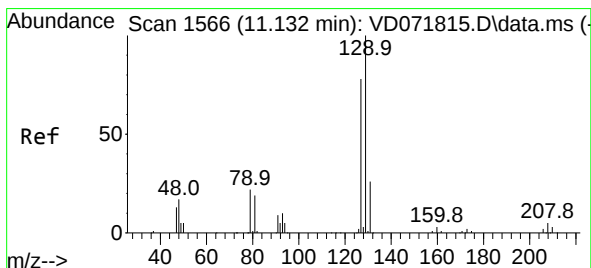
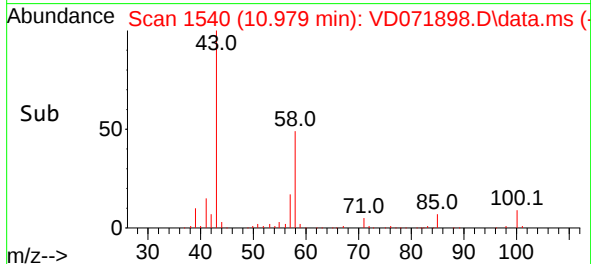
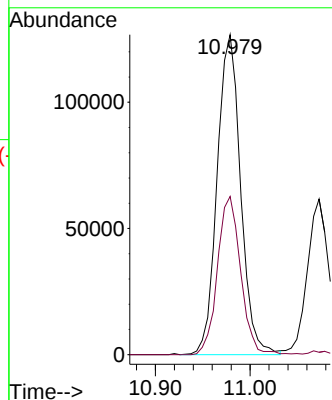
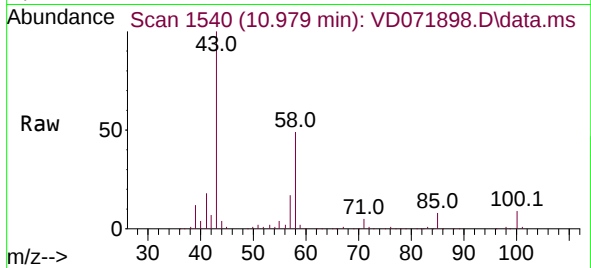




#59
2-Hexanone
Concen: 94.751 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

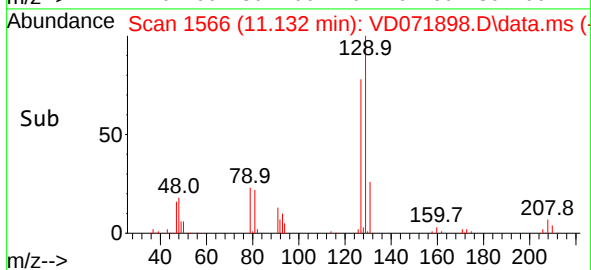
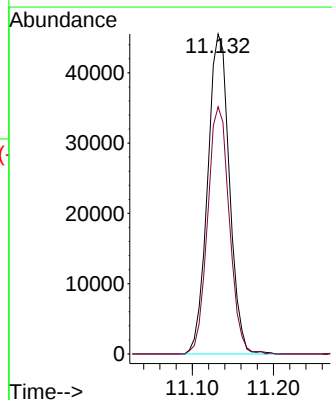
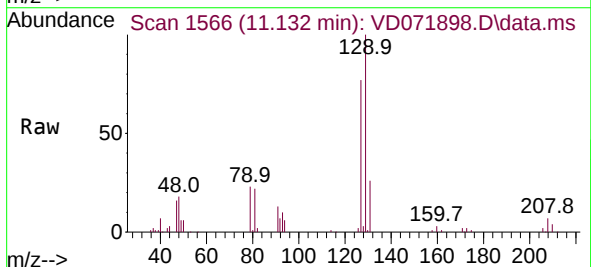
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

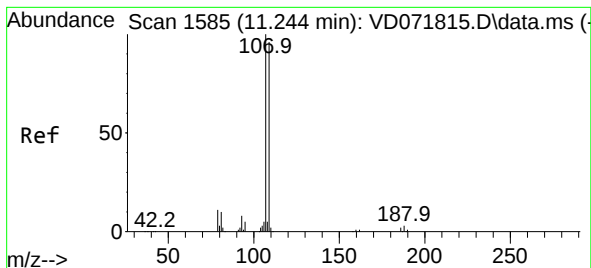
Tgt Ion: 43 Resp: 218636
Ion Ratio Lower Upper
43 100
58 48.8 25.3 75.9



#60
Dibromochloromethane
Concen: 19.513 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 129 Resp: 84735
Ion Ratio Lower Upper
129 100
127 77.0 39.2 117.6

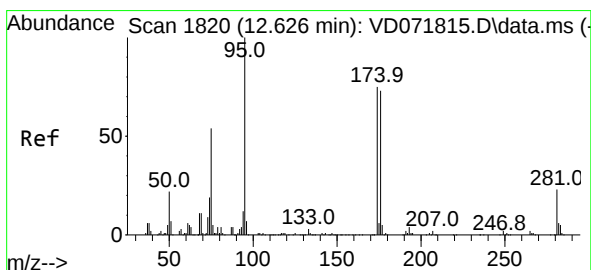
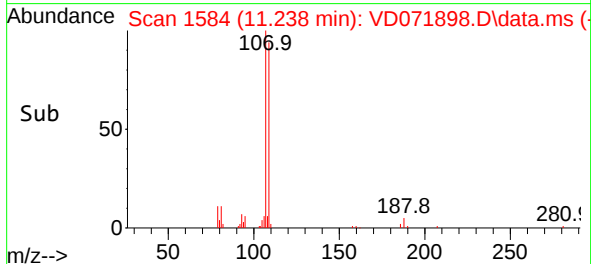
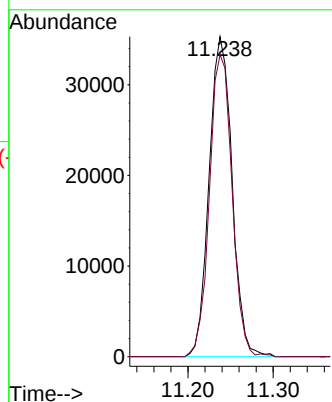
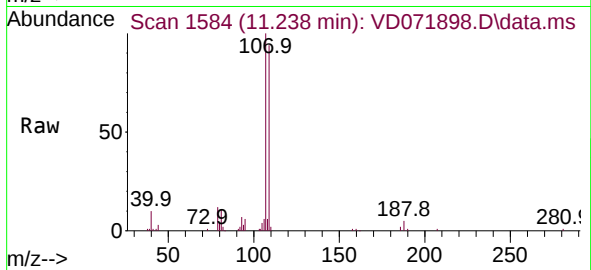




#61
1,2-Dibromoethane
Concen: 19.505 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

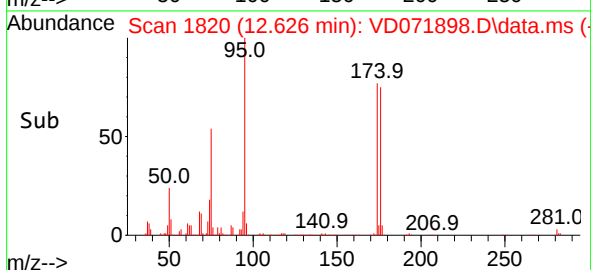
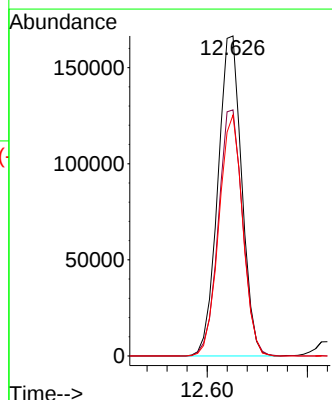
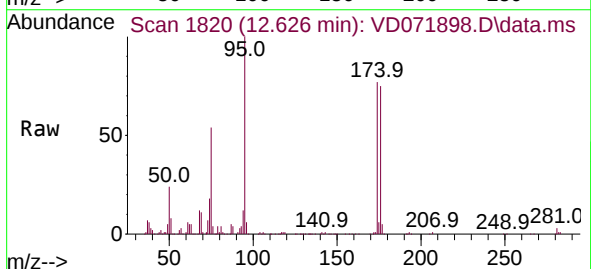
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

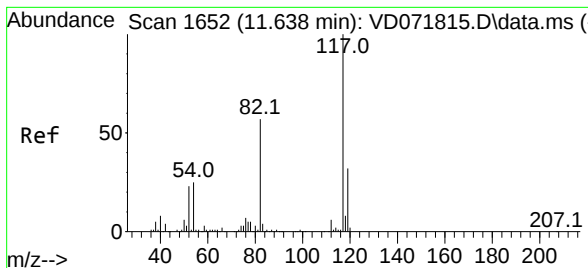
Tgt Ion:107 Resp: 66083
Ion Ratio Lower Upper
107 100
109 92.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.712 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 95 Resp: 274628
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 75.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

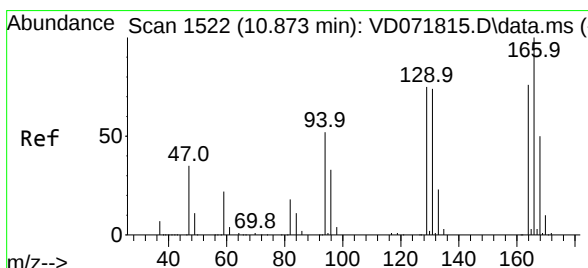
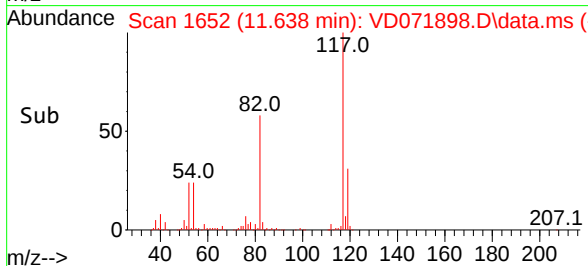
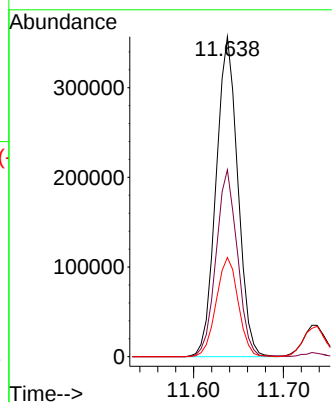
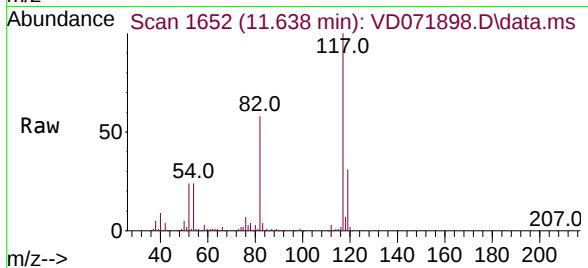
Tgt Ion:117 Resp: 600648

Ion Ratio Lower Upper

117 100

82 58.4 45.3 67.9

119 31.0 26.6 40.0



#64

Tetrachloroethene

Concen: 19.159 ug/l

RT: 10.873 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Tgt Ion:164 Resp: 81400

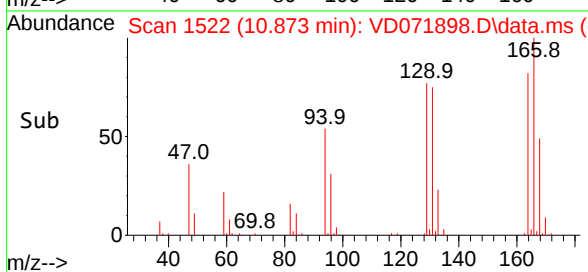
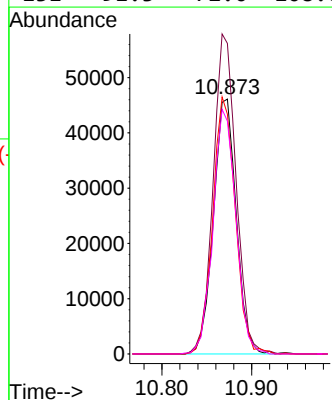
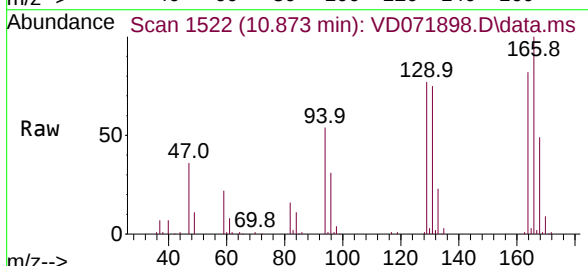
Ion Ratio Lower Upper

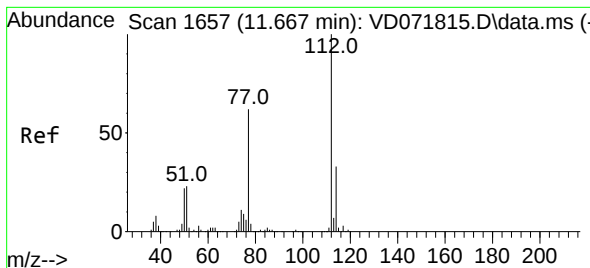
164 100

166 121.8 98.5 147.7

129 94.1 74.6 111.8

131 91.3 72.0 108.0





#65

Chlorobenzene

Concen: 19.333 ug/l

RT: 11.661 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

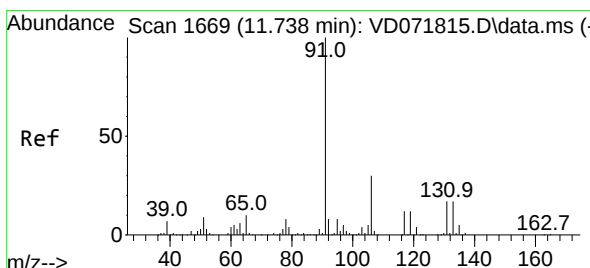
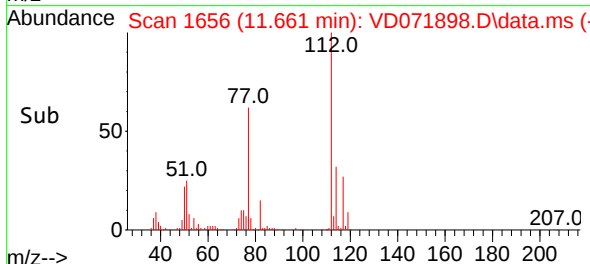
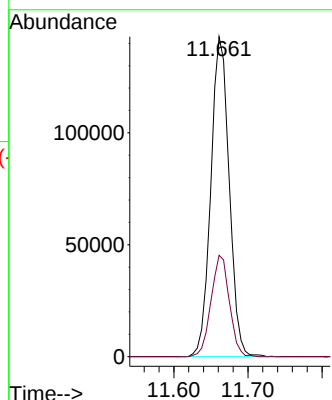
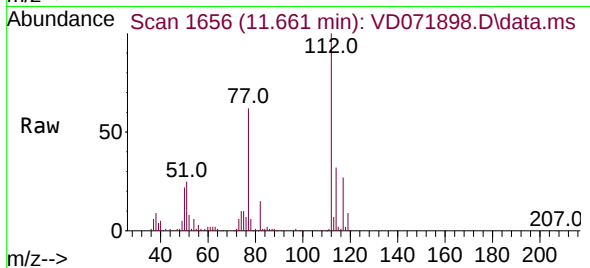
VD0204SBS01

Tgt Ion:112 Resp: 245670

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.191 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

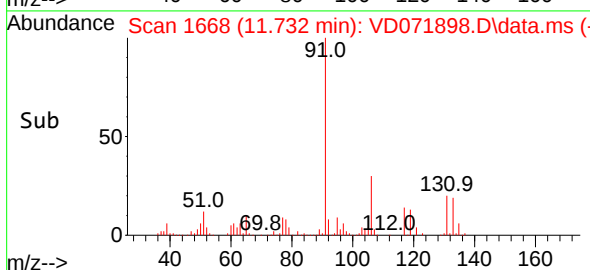
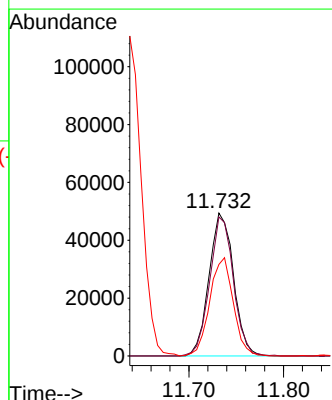
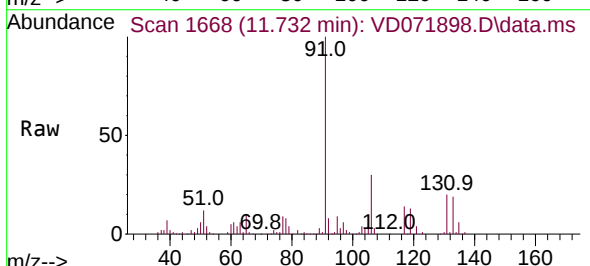
Tgt Ion:131 Resp: 88715

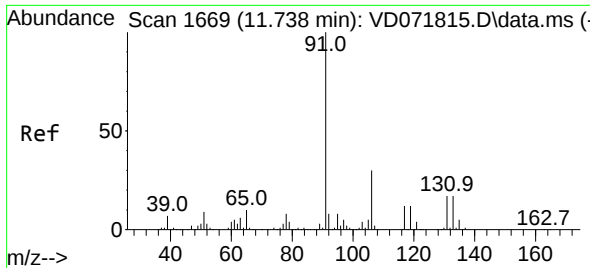
Ion Ratio Lower Upper

131 100

133 94.6 48.1 144.3

119 66.2 31.9 95.9

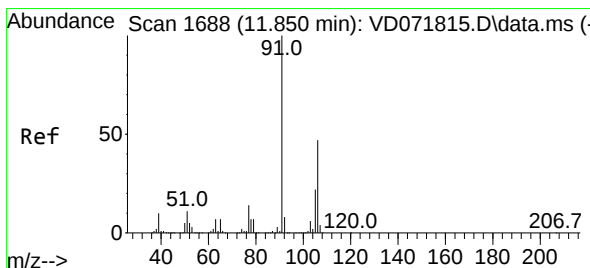
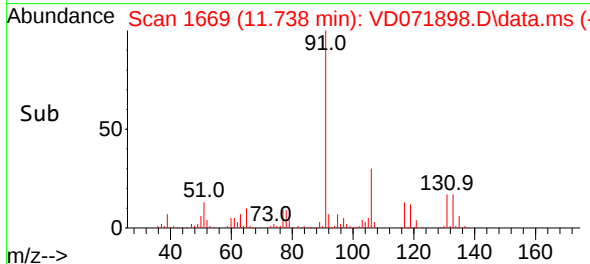
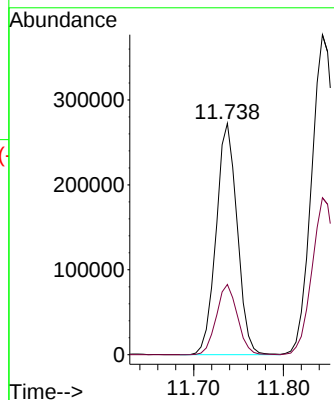
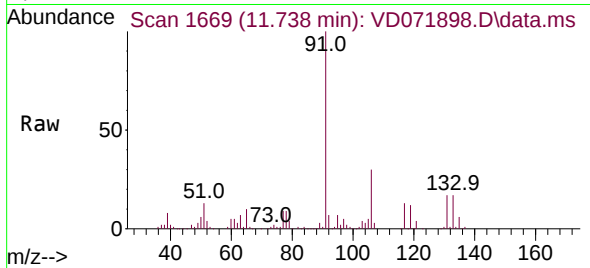




#67
Ethyl Benzene
Concen: 18.930 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

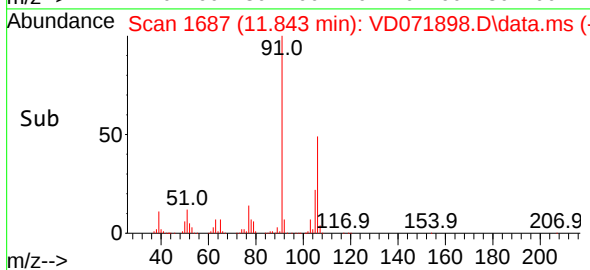
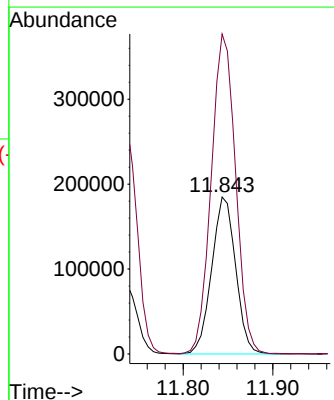
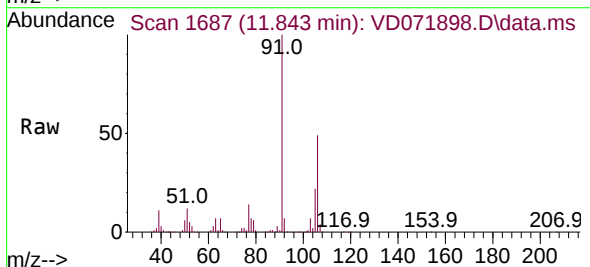
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

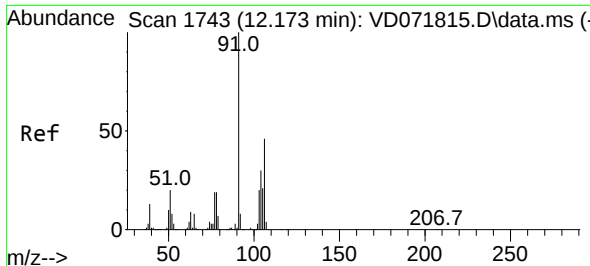
Tgt Ion: 91 Resp: 442622
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4



#68
m/p-Xylenes
Concen: 38.497 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 106 Resp: 342377
Ion Ratio Lower Upper
106 100
91 208.1 163.7 245.5

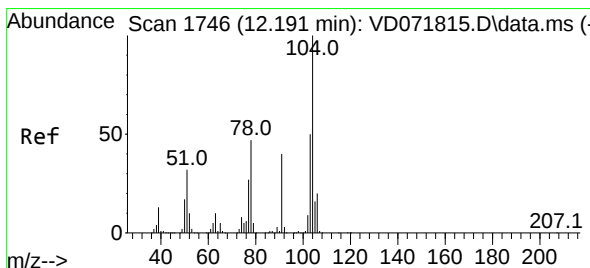
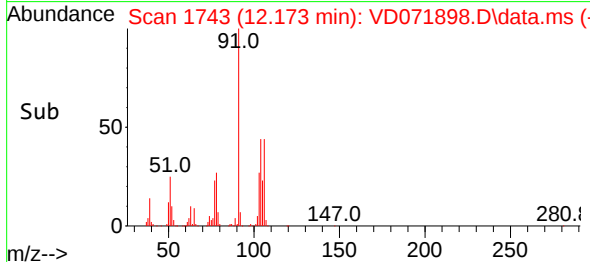
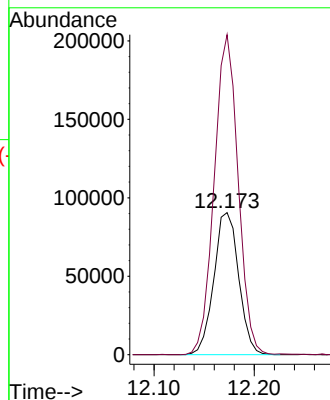
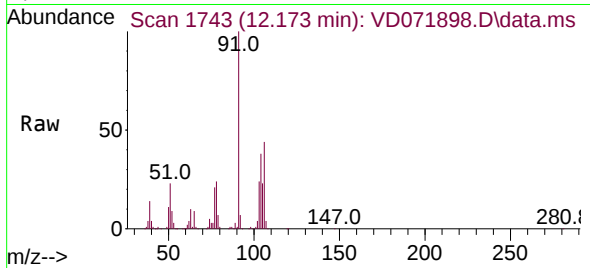




#69
o-Xylene
Concen: 19.270 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

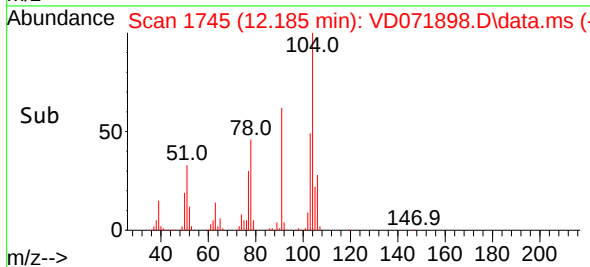
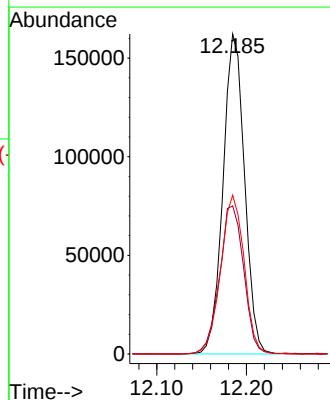
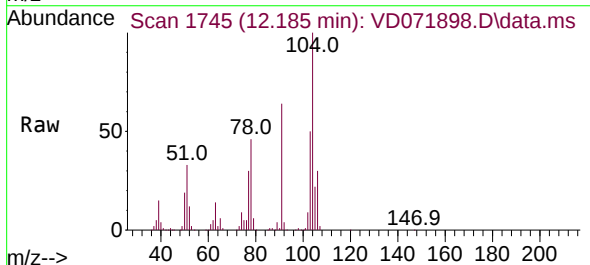
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

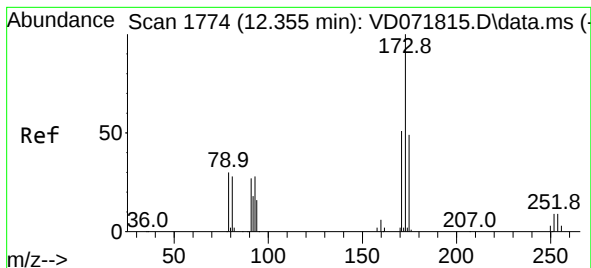
Tgt Ion:106 Resp: 155743
Ion Ratio Lower Upper
106 100
91 217.3 110.4 331.2



#70
Styrene
Concen: 19.393 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion:104 Resp: 270158
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 54.2 44.2 66.4





#71

Bromoform

Concen: 19.542 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBSD01

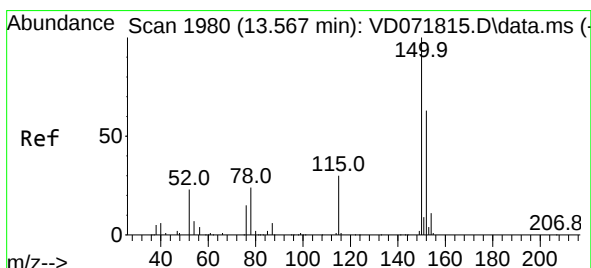
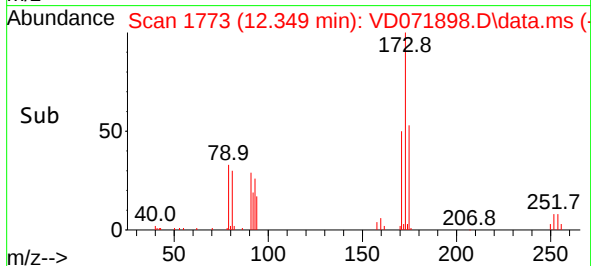
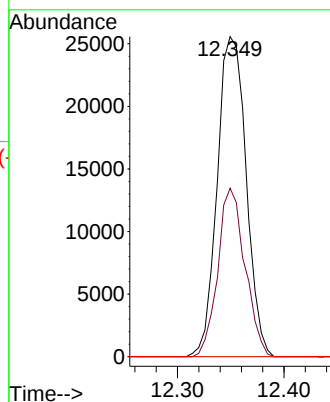
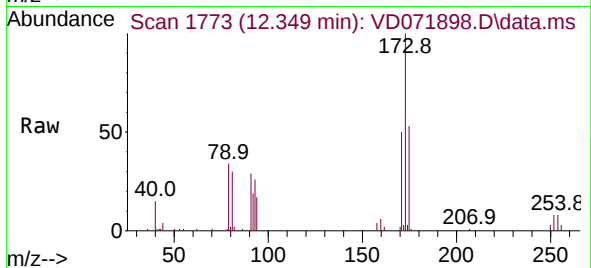
Tgt Ion:173 Resp: 48234

Ion Ratio Lower Upper

173 100

175 49.4 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

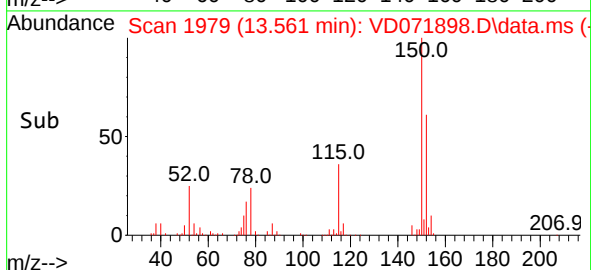
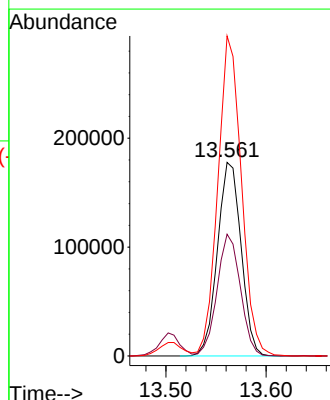
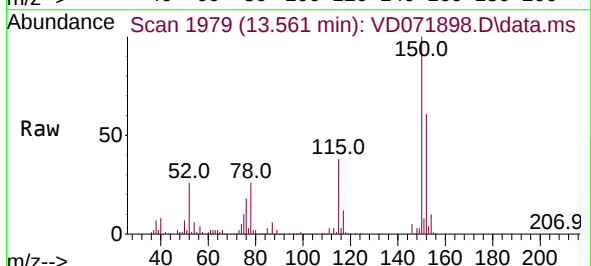
Tgt Ion:152 Resp: 291191

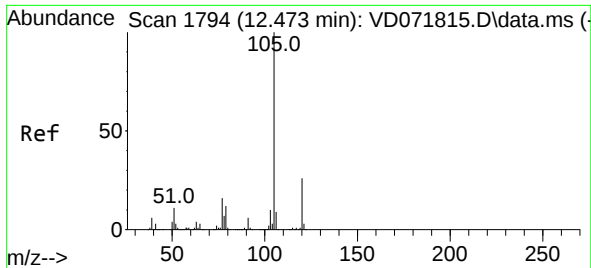
Ion Ratio Lower Upper

152 100

115 62.1 31.3 93.8

150 164.9 0.0 348.6

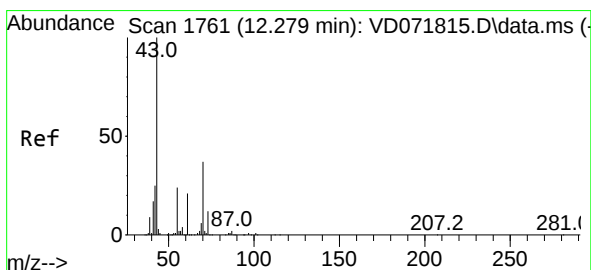
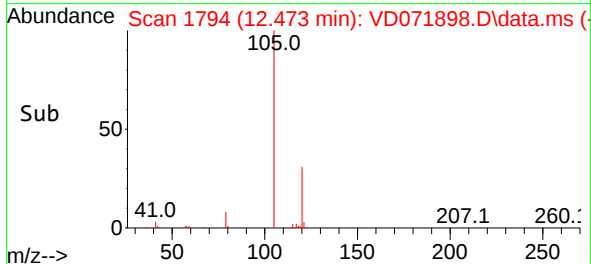
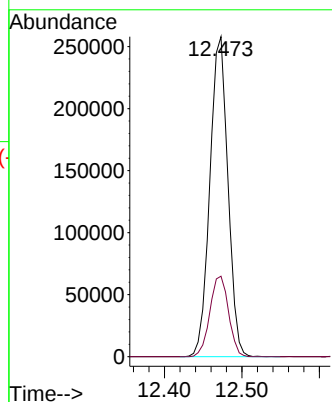
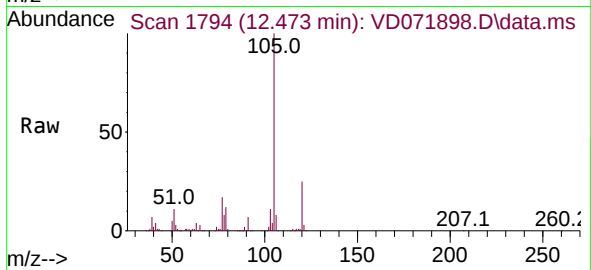




#73
Isopropylbenzene
Concen: 18.481 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

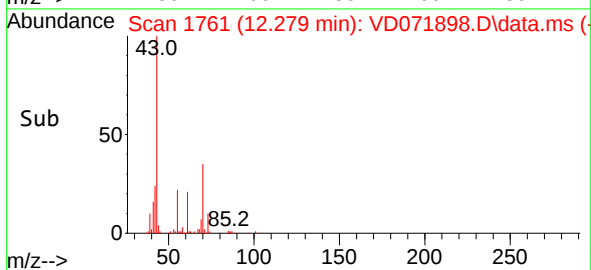
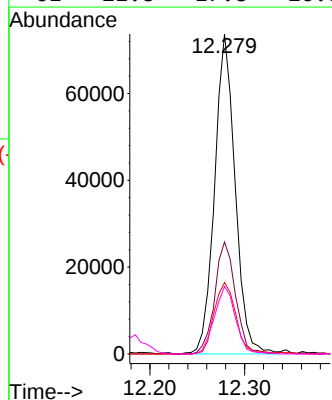
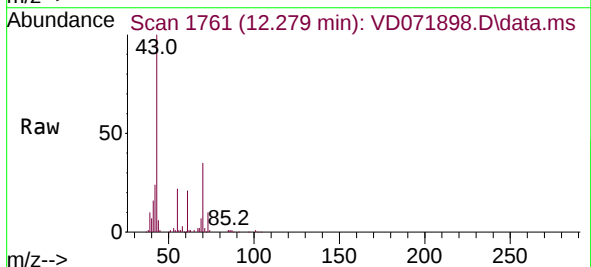
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

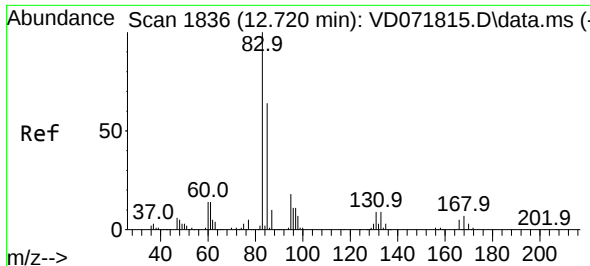
Tgt Ion:105 Resp: 416708
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 20.039 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 43 Resp: 111121
Ion Ratio Lower Upper
43 100
70 35.4 31.3 46.9
55 23.6 20.0 30.0
61 21.8 17.8 26.8

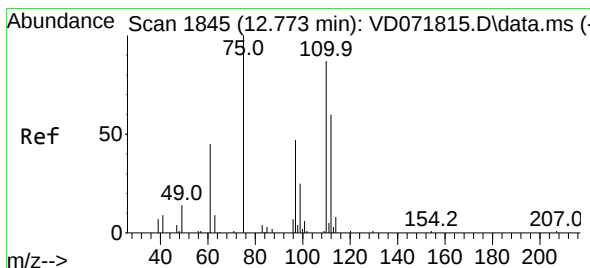
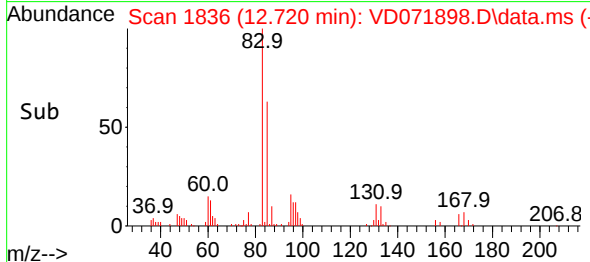
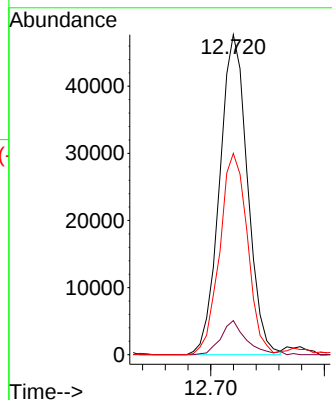
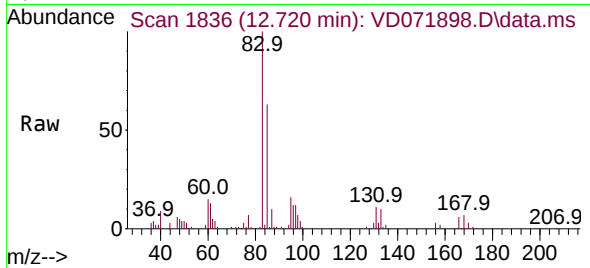




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.492 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD071898.D
 Acq: 04 Feb 2022 14:57

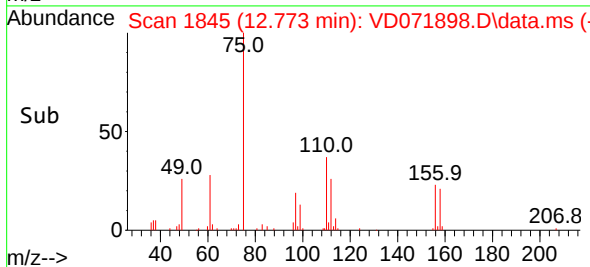
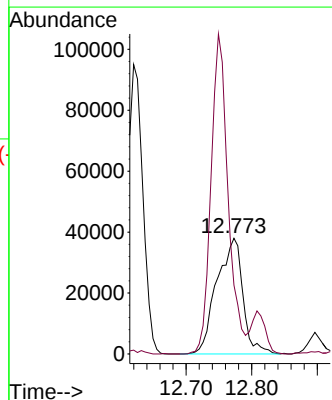
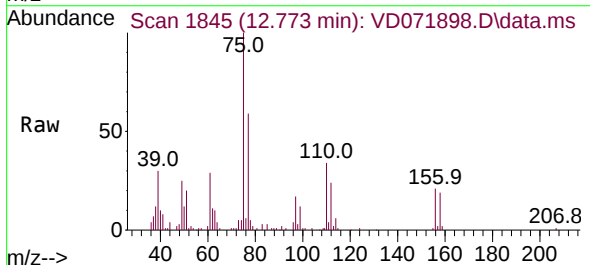
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBSD01

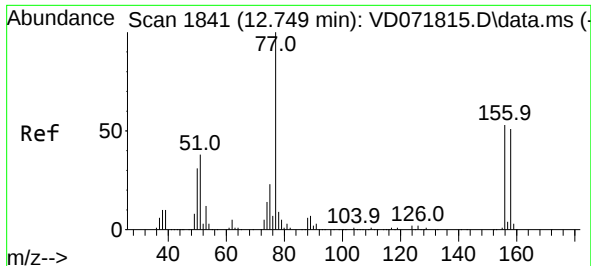
Tgt Ion: 83 Resp: 81333
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 14.9
 85 62.7 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 34.217 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VD071898.D
 Acq: 04 Feb 2022 14:57

Tgt Ion: 75 Resp: 105004
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

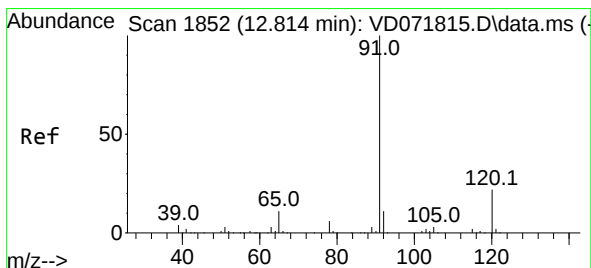
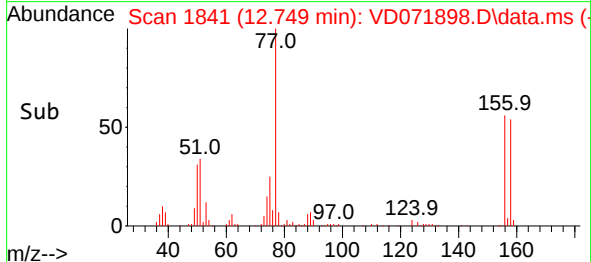
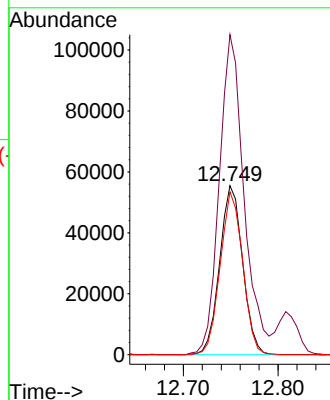
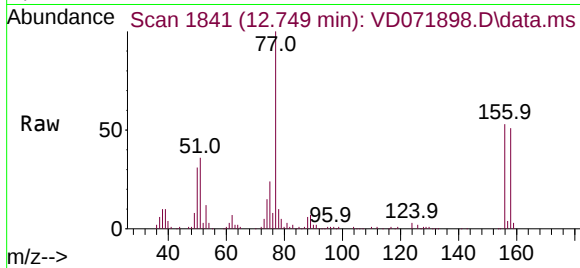




#77
Bromobenzene
Concen: 18.623 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

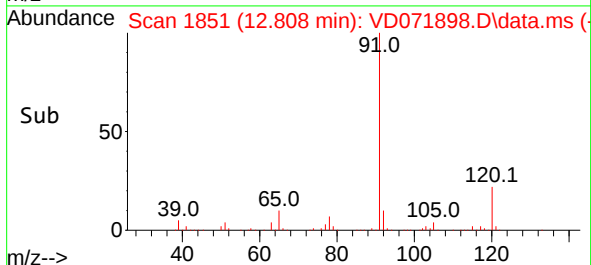
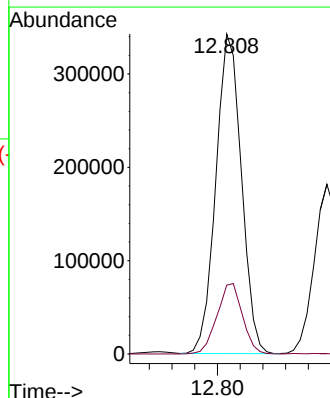
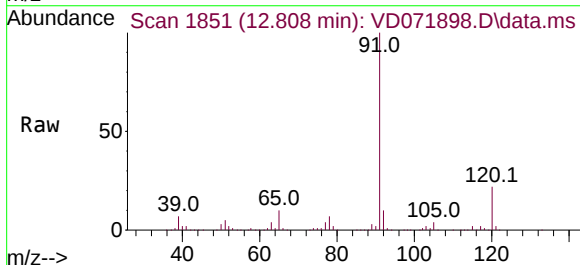
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

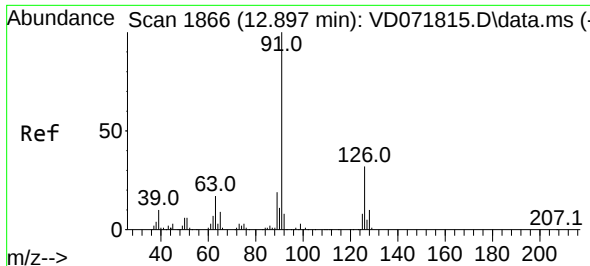
Tgt Ion:156 Resp: 93409
Ion Ratio Lower Upper
156 100
77 204.0 102.8 308.3
158 94.5 48.7 146.1



#78
n-propylbenzene
Concen: 18.895 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 91 Resp: 534236
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9

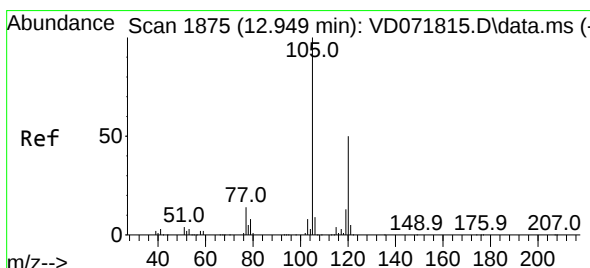
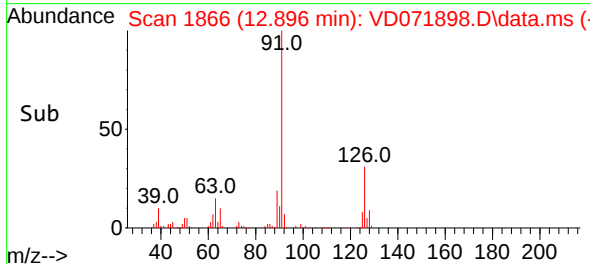
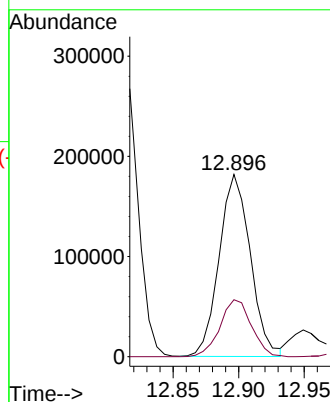
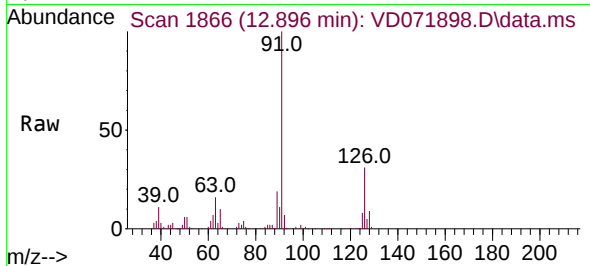




#79
2-Chlorotoluene
Concen: 18.762 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

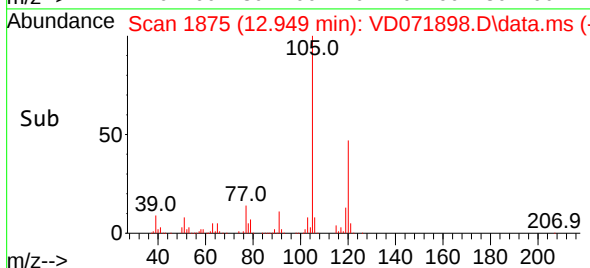
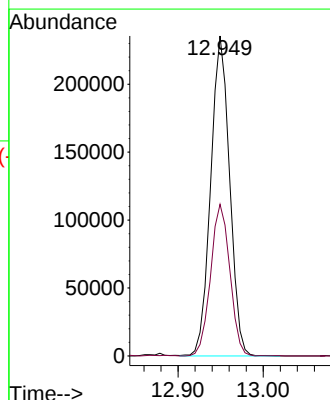
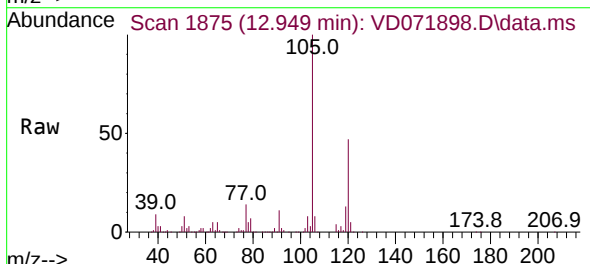
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

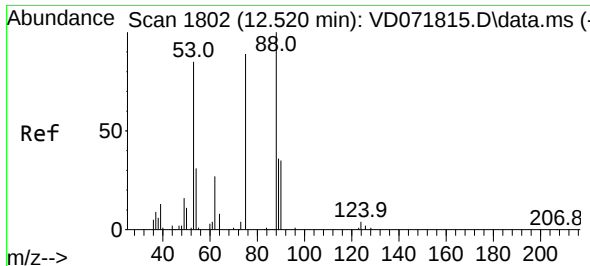
Tgt Ion: 91 Resp: 300614
Ion Ratio Lower Upper
91 100
126 31.6 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 19.433 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion:105 Resp: 363450
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

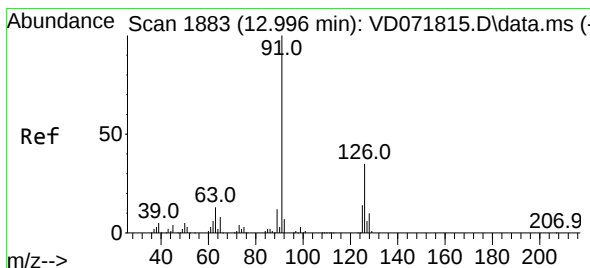
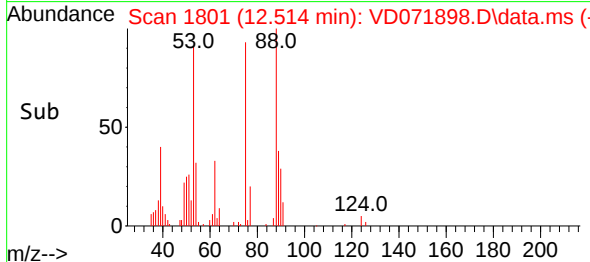
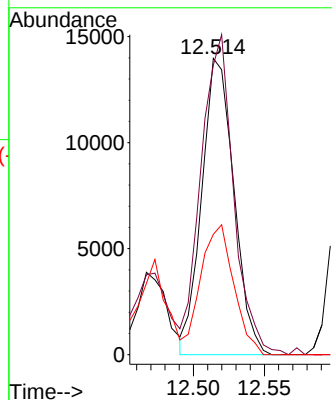
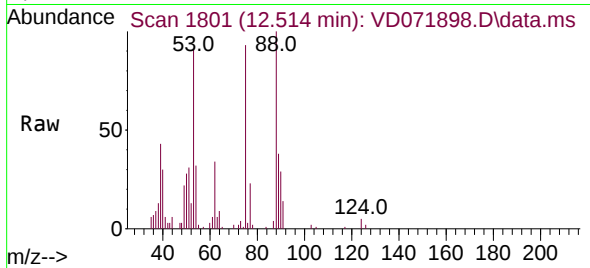




#81
trans-1,4-Dichloro-2-butene
Concen: 17.624 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

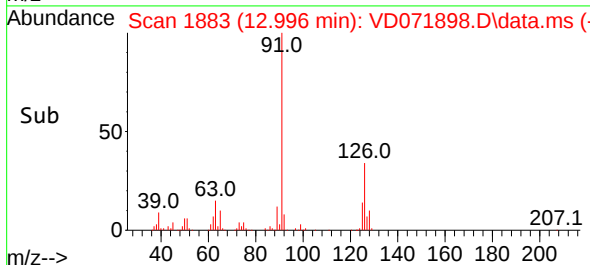
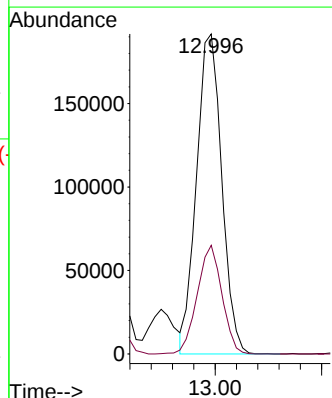
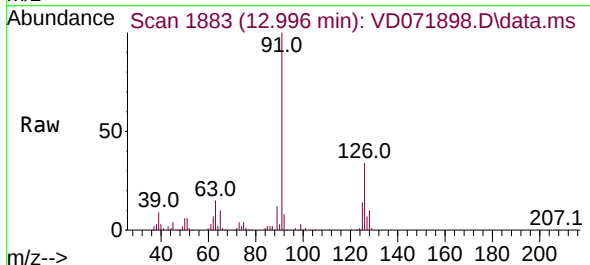
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

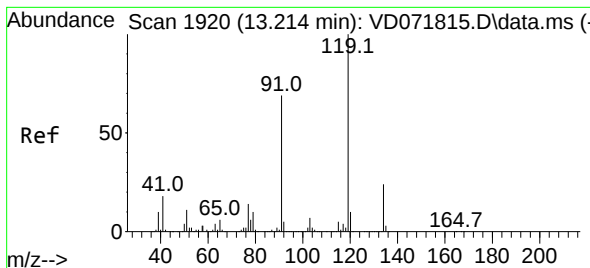
Tgt Ion: 75 Resp: 21996
Ion Ratio Lower Upper
75 100
53 109.5 86.5 129.7
89 45.3 33.9 50.9



#82
4-Chlorotoluene
Concen: 18.925 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 91 Resp: 315468
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5





#83

tert-Butylbenzene

Concen: 19.142 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. -0.000 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBSD01

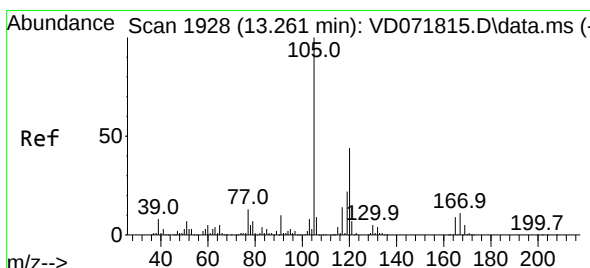
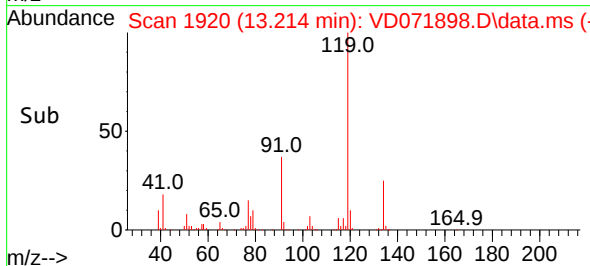
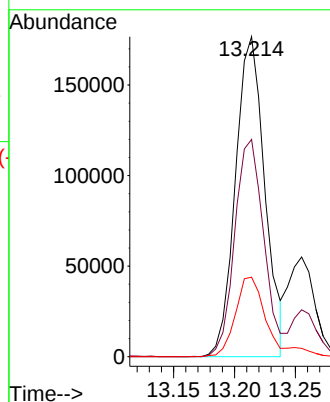
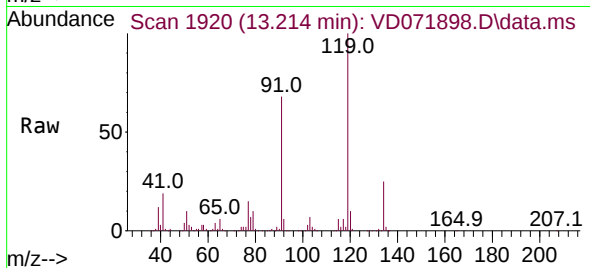
Tgt Ion:119 Resp: 296697

Ion Ratio Lower Upper

119 100

91 68.5 34.8 104.5

134 26.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.352 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD071898.D

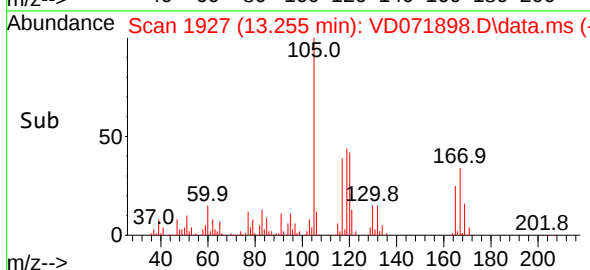
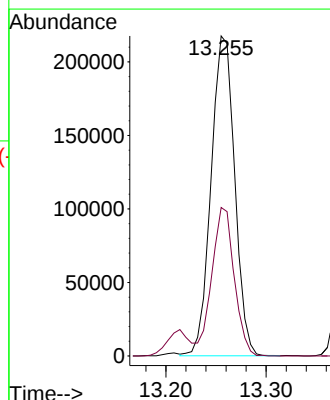
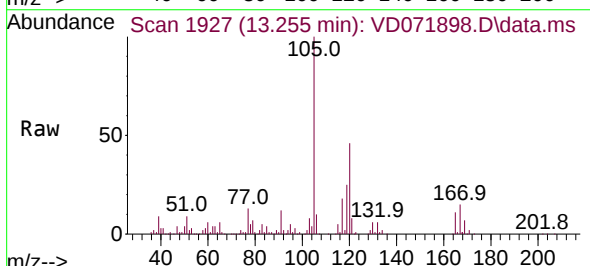
Acq: 04 Feb 2022 14:57

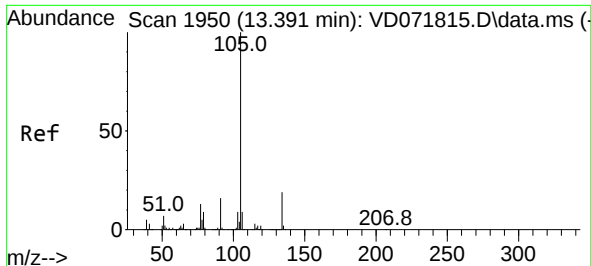
Tgt Ion:105 Resp: 356018

Ion Ratio Lower Upper

105 100

120 44.5 22.3 66.8

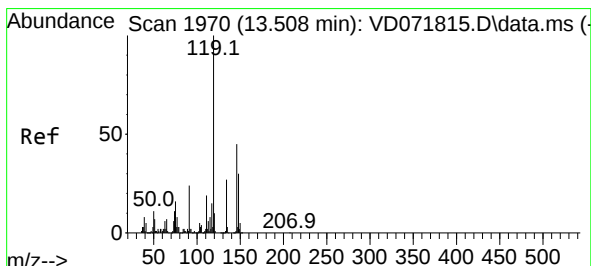
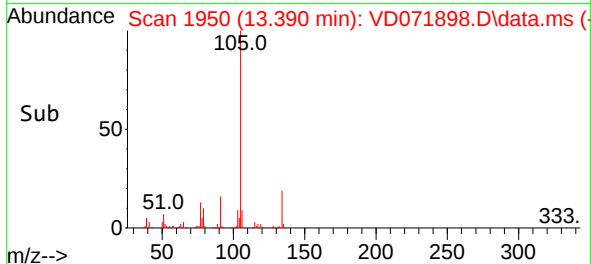
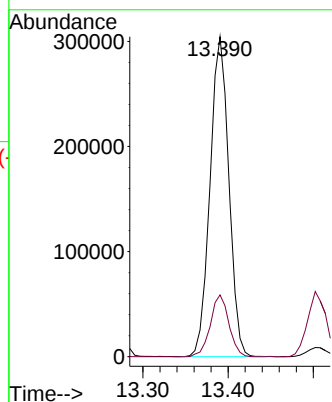
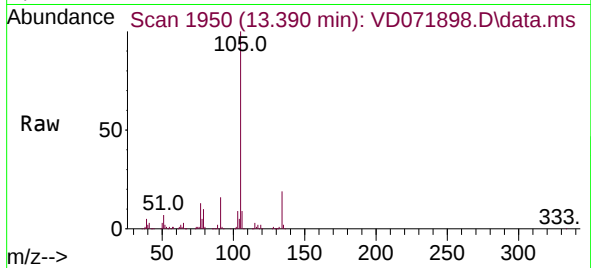




#85
 sec-Butylbenzene
 Concen: 19.251 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071898.D
 Acq: 04 Feb 2022 14:57

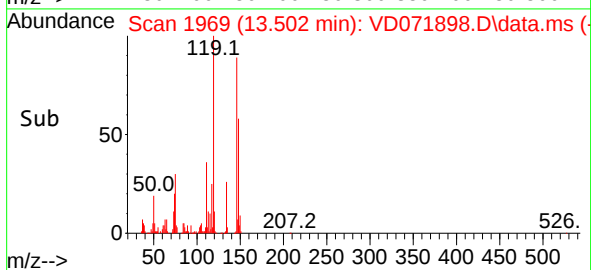
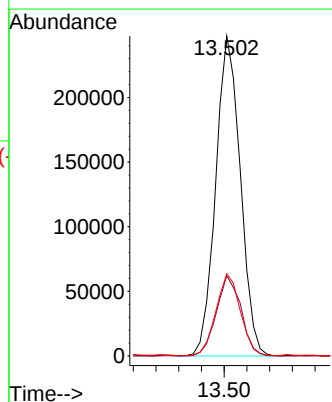
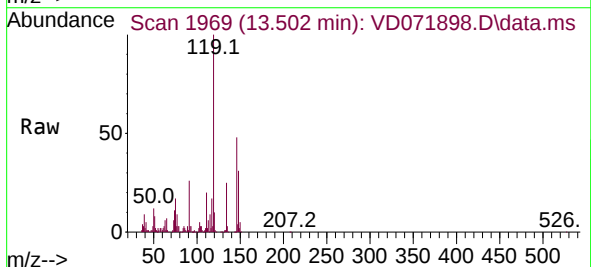
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBSD01

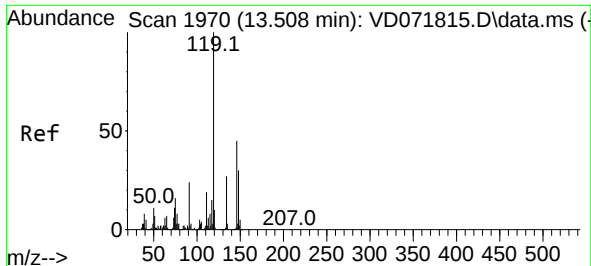
Tgt Ion:105 Resp: 466900
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.914 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD071898.D
 Acq: 04 Feb 2022 14:57

Tgt Ion:119 Resp: 372750
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.6
 91 25.2 12.1 36.3

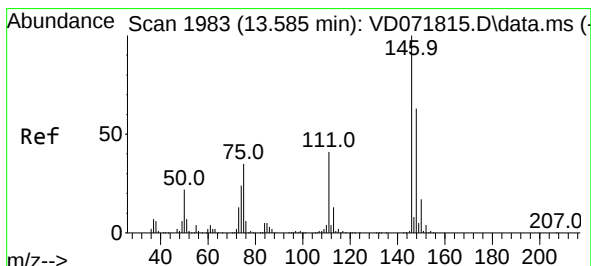
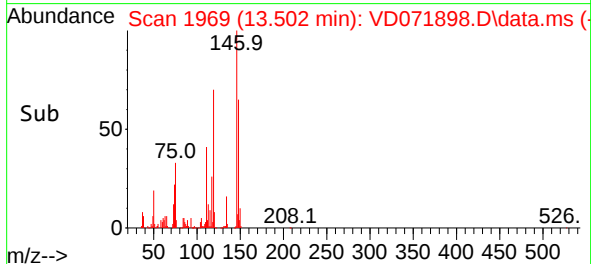
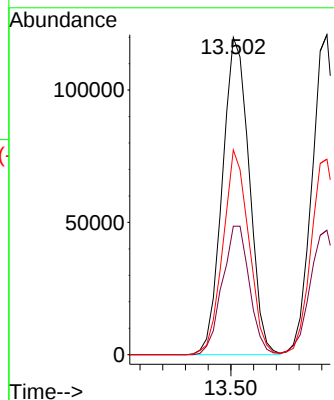
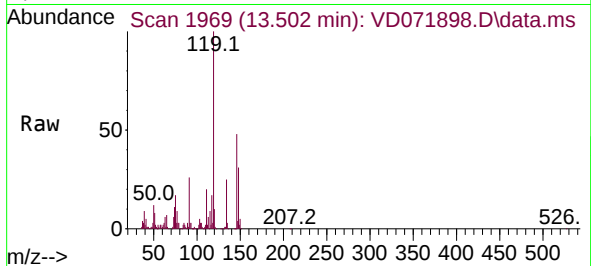




#87
1,3-Dichlorobenzene
Concen: 19.307 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

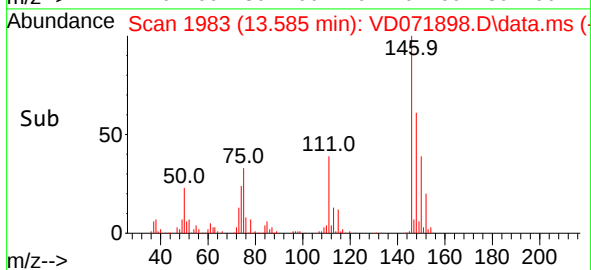
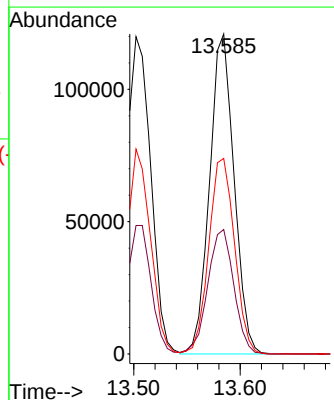
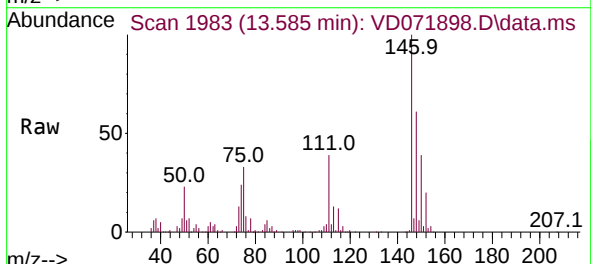
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

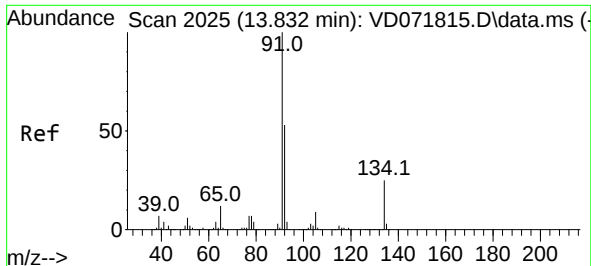
Tgt Ion:146 Resp: 196646
Ion Ratio Lower Upper
146 100
111 41.1 20.4 61.3
148 62.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.048 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion:146 Resp: 193615
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.9
148 64.2 31.7 95.1

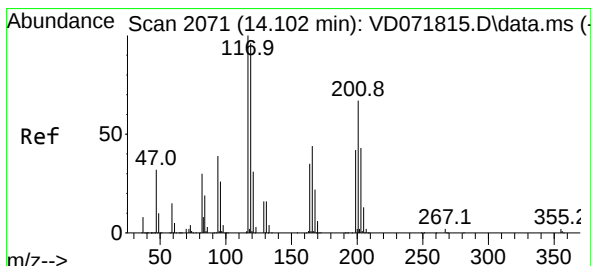
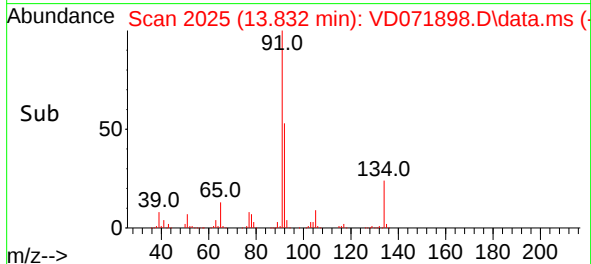
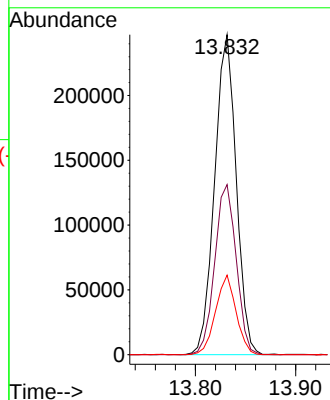
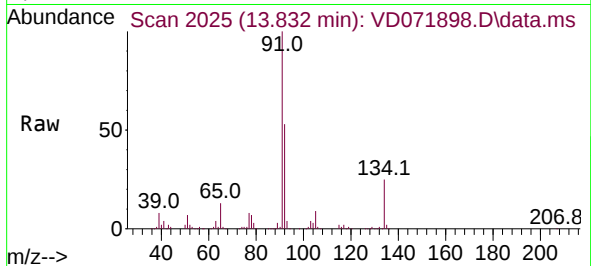




#89
n-Butylbenzene
Concen: 19.086 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

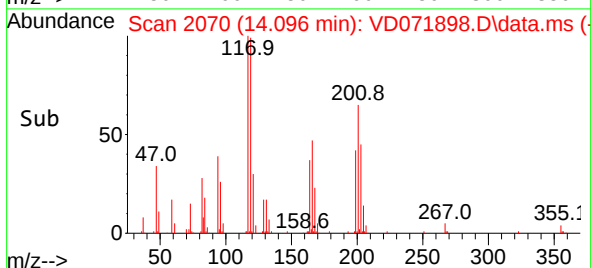
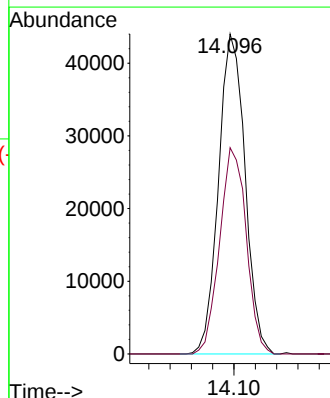
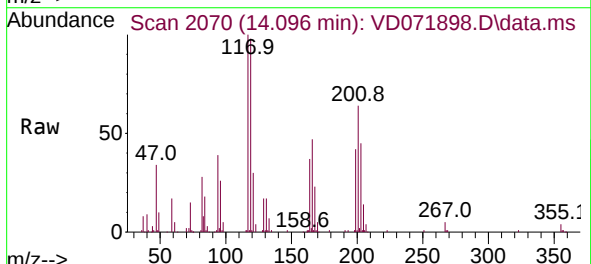
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

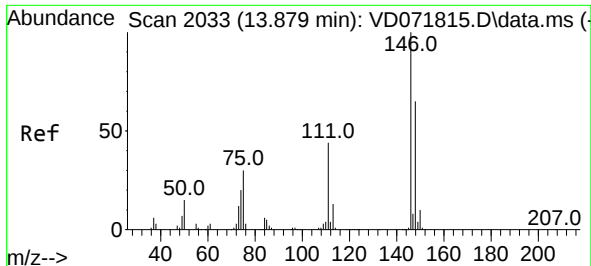
Tgt Ion: 91 Resp: 369034
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.8
134 23.6 12.3 36.9



#90
Hexachloroethane
Concen: 19.388 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 117 Resp: 75951
Ion Ratio Lower Upper
117 100
201 64.7 33.4 100.2

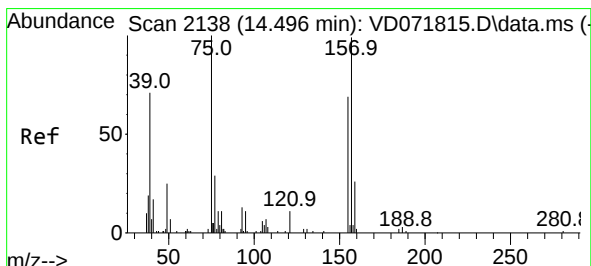
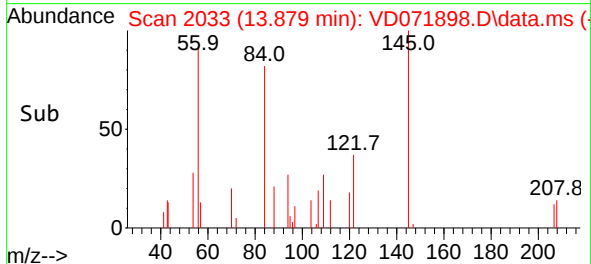
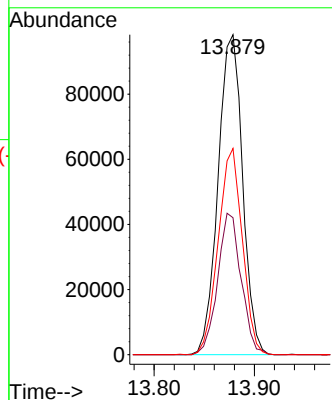
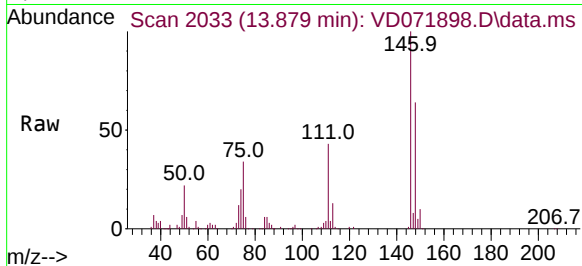




#91
1,2-Dichlorobenzene
Concen: 19.149 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

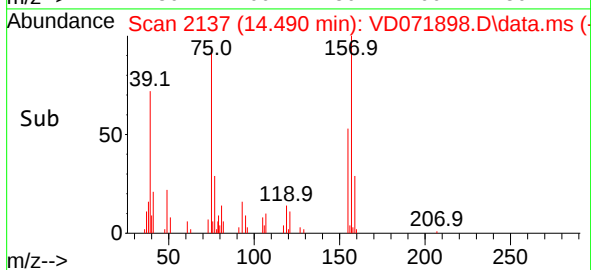
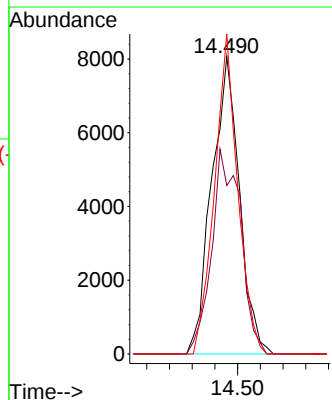
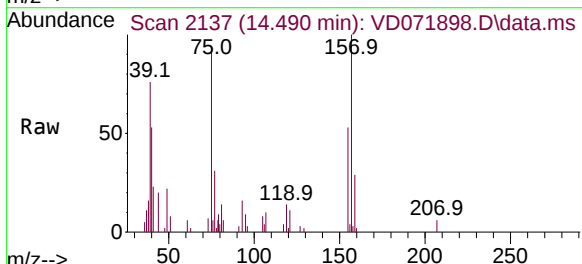
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

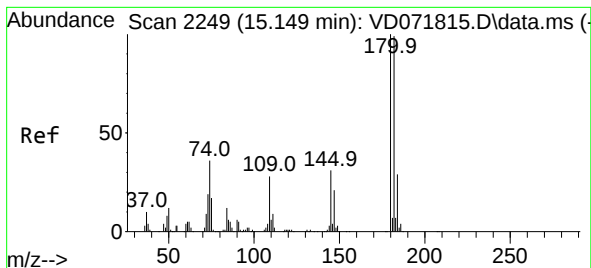
Tgt Ion:146 Resp: 166902
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.3
148 63.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.742 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion: 75 Resp: 13643
Ion Ratio Lower Upper
75 100
155 72.1 36.8 110.3
157 90.6 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 18.600 ug/l

RT: 15.143 min Scan# 2249

Delta R.T. -0.000 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

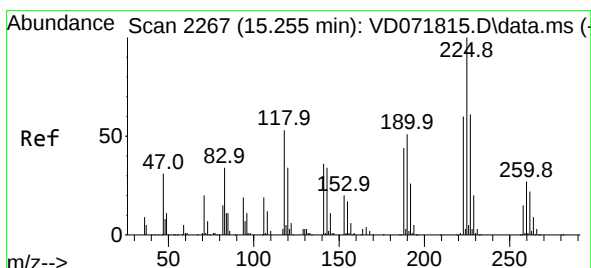
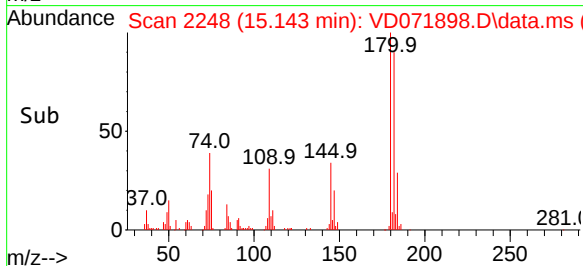
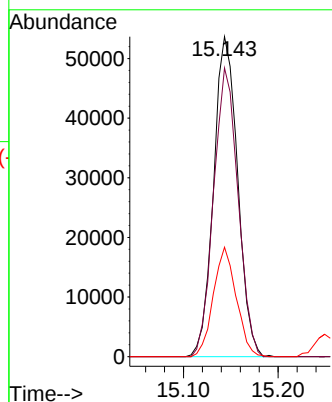
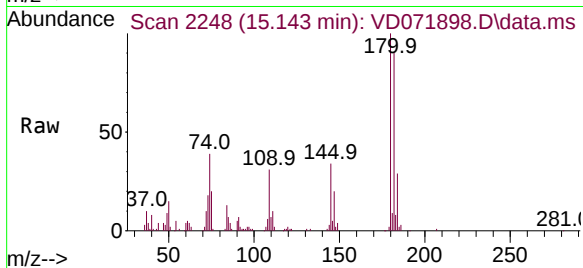
Tgt Ion:180 Resp: 94708

Ion Ratio Lower Upper

180 100

182 91.5 47.3 142.0

145 32.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 19.654 ug/l

RT: 15.255 min Scan# 2267

Delta R.T. 0.006 min

Lab File: VD071898.D

Acq: 04 Feb 2022 14:57

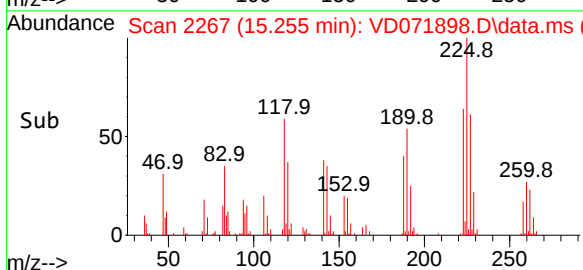
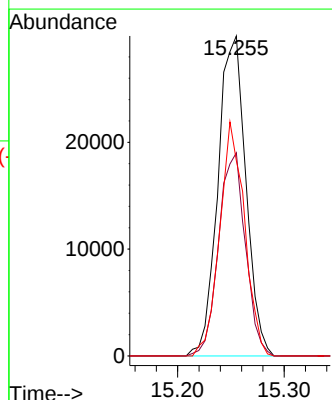
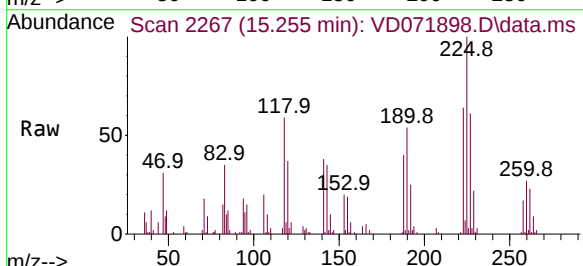
Tgt Ion:225 Resp: 54567

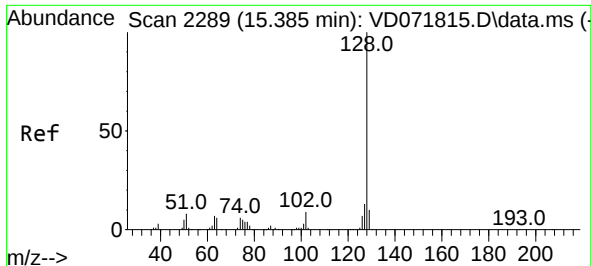
Ion Ratio Lower Upper

225 100

223 60.9 31.1 93.2

227 65.2 32.4 97.0

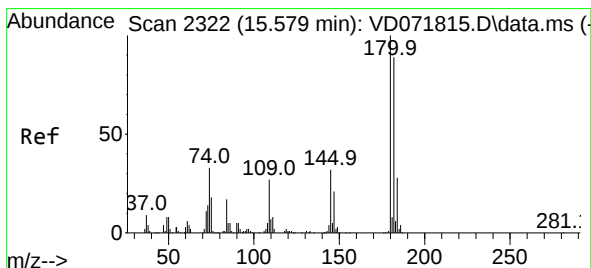
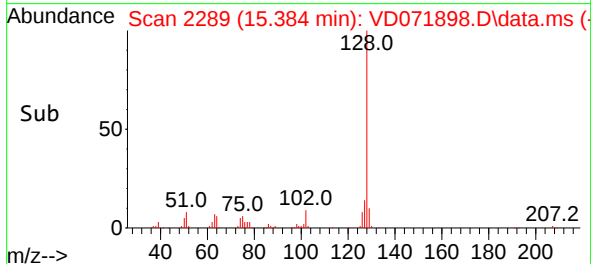
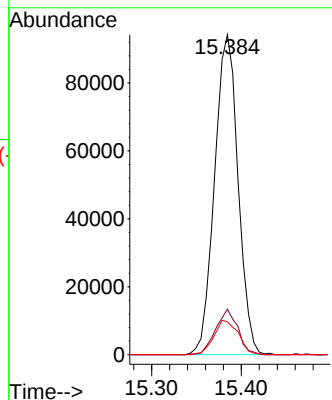
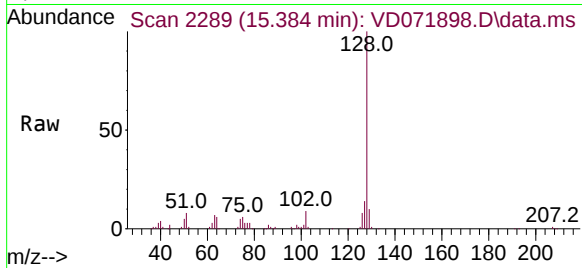




#95
Naphthalene
Concen: 17.881 ug/l
RT: 15.384 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

Tgt Ion:	128	Resp:	171140
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.2	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.399 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071898.D
Acq: 04 Feb 2022 14:57

Tgt Ion:	180	Resp:	84662
Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.9
145	34.4	17.1	51.3

