

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073169.D
 Acq On : 20 May 2022 07:15
 Operator : VA/SY
 Sample : VD0519SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS03

Quant Time: May 20 07:54:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	273001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	516528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	511382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	247102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	177333	58.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.560%	
35) Dibromofluoromethane	7.908	113	175434	51.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.940%	
50) Toluene-d8	10.332	98	634718	50.518	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	12.620	95	224660	50.951	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	57473	21.068	ug/l	98
3) Chloromethane	2.209	50	69082	22.396	ug/l	99
4) Vinyl Chloride	2.350	62	58325	20.678	ug/l	93
5) Bromomethane	2.750	94	45181	22.790	ug/l	95
6) Chloroethane	2.915	64	40079	23.114	ug/l	100
7) Trichlorofluoromethane	3.268	101	99362	19.922	ug/l	92
8) Diethyl Ether	3.709	74	31844	23.236	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	57333	19.266	ug/l	97
10) Methyl Iodide	4.291	142	60978	18.993	ug/l	100
11) Tert butyl alcohol	5.203	59	37717	80.576	ug/l #	81
12) 1,1-Dichloroethene	4.062	96	55921	20.383	ug/l	88
13) Acrolein	3.926	56	24998	126.459	ug/l	95
14) Allyl chloride	4.709	41	89514	20.213	ug/l	90
15) Acrylonitrile	5.420	53	76220	121.624	ug/l	100
16) Acetone	4.156	43	60892	116.521	ug/l	99
17) Carbon Disulfide	4.403	76	188337	20.708	ug/l	100
18) Methyl Acetate	4.720	43	41028	28.234	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	142478	22.795	ug/l	94
20) Methylene Chloride	4.962	84	113553	32.891	ug/l	86
21) trans-1,2-Dichloroethene	5.473	96	72228	21.774	ug/l	91
22) Diisopropyl ether	6.362	45	217944	23.476	ug/l #	95
23) Vinyl Acetate	6.303	43	552971	111.668	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	135191	22.687	ug/l	99
25) 2-Butanone	7.209	43	92655	121.187	ug/l	94
26) 2,2-Dichloropropane	7.197	77	91107	17.928	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	81144	22.107	ug/l	88
28) Bromochloromethane	7.544	49	45279	22.056	ug/l	88
29) Tetrahydrofuran	7.567	42	59018	119.378	ug/l	92
30) Chloroform	7.703	83	142154	22.850	ug/l	99
31) Cyclohexane	7.979	56	98960	18.770	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	114114	20.973	ug/l	97
36) 1,1-Dichloropropene	8.103	75	97464	19.013	ug/l	99
37) Ethyl Acetate	7.291	43	42512	20.996	ug/l #	94
38) Carbon Tetrachloride	8.091	117	95633	18.404	ug/l	93
39) Methylcyclohexane	9.350	83	94107	16.473	ug/l	99
40) Benzene	8.344	78	305223	20.660	ug/l	99

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 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS03

Quant Time: May 20 07:54:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	21034	17.830	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	89776	21.839	ug/l	96
43) Isopropyl Acetate	8.444	43	80019	21.381	ug/l #	92
44) Trichloroethene	9.103	130	78777	19.996	ug/l	99
45) 1,2-Dichloropropane	9.379	63	78313	21.049	ug/l	95
46) Dibromomethane	9.467	93	44018	21.541	ug/l	98
47) Bromodichloromethane	9.655	83	110150	21.067	ug/l #	96
48) Methyl methacrylate	9.450	41	40812	21.675	ug/l	90
49) 1,4-Dioxane	9.450	88	8504	402.989	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	216850	111.558	ug/l	97
52) Toluene	10.397	92	190991	20.458	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	98092	20.767	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	116460	20.603	ug/l	88
55) 1,1,2-Trichloroethane	10.791	97	60594	21.929	ug/l	97
56) Ethyl methacrylate	10.650	69	63543	20.683	ug/l	90
57) 1,3-Dichloropropane	10.932	76	103087	22.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	108625	89.604	ug/l	97
59) 2-Hexanone	10.973	43	142315	111.050	ug/l	98
60) Dibromochloromethane	11.132	129	74636	21.662	ug/l	99
61) 1,2-Dibromoethane	11.238	107	57218	21.670	ug/l	96
64) Tetrachloroethene	10.867	164	63007	18.811	ug/l	94
65) Chlorobenzene	11.661	112	208716	19.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	80323	20.645	ug/l	98
67) Ethyl Benzene	11.732	91	342976	18.623	ug/l	99
68) m/p-Xylenes	11.844	106	271650	37.966	ug/l	100
69) o-Xylene	12.167	106	124202	18.896	ug/l	97
70) Styrene	12.185	104	226070	19.991	ug/l	96
71) Bromoform	12.349	173	42979	21.463	ug/l #	100
73) Isopropylbenzene	12.467	105	312577	17.744	ug/l	99
74) N-amyl acetate	12.273	43	73213	19.051	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	68382	21.048	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	84489	34.848	ug/l #	100
77) Bromobenzene	12.749	156	82816	19.971	ug/l	93
78) n-propylbenzene	12.808	91	401363	18.149	ug/l	99
79) 2-Chlorotoluene	12.896	91	245462	19.223	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	279550	18.734	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	17792	17.617	ug/l #	92
82) 4-Chlorotoluene	12.991	91	261804	19.561	ug/l	99
83) tert-Butylbenzene	13.208	119	217298	17.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	282636	19.173	ug/l	99
85) sec-Butylbenzene	13.391	105	343063	17.865	ug/l	99
86) p-Isopropyltoluene	13.502	119	278348	17.782	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	162930	19.493	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	161334	19.121	ug/l	99
89) n-Butylbenzene	13.826	91	248309	16.648	ug/l	99
90) Hexachloroethane	14.096	117	60384	18.643	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	145128	20.068	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10617	21.339	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	77252	18.815	ug/l	99
94) Hexachlorobutadiene	15.249	225	40142	17.350	ug/l	97
95) Naphthalene	15.379	128	137349	19.324	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	68103	18.710	ug/l	99

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ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD0519SBS03

Quant Time: May 20 07:54:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

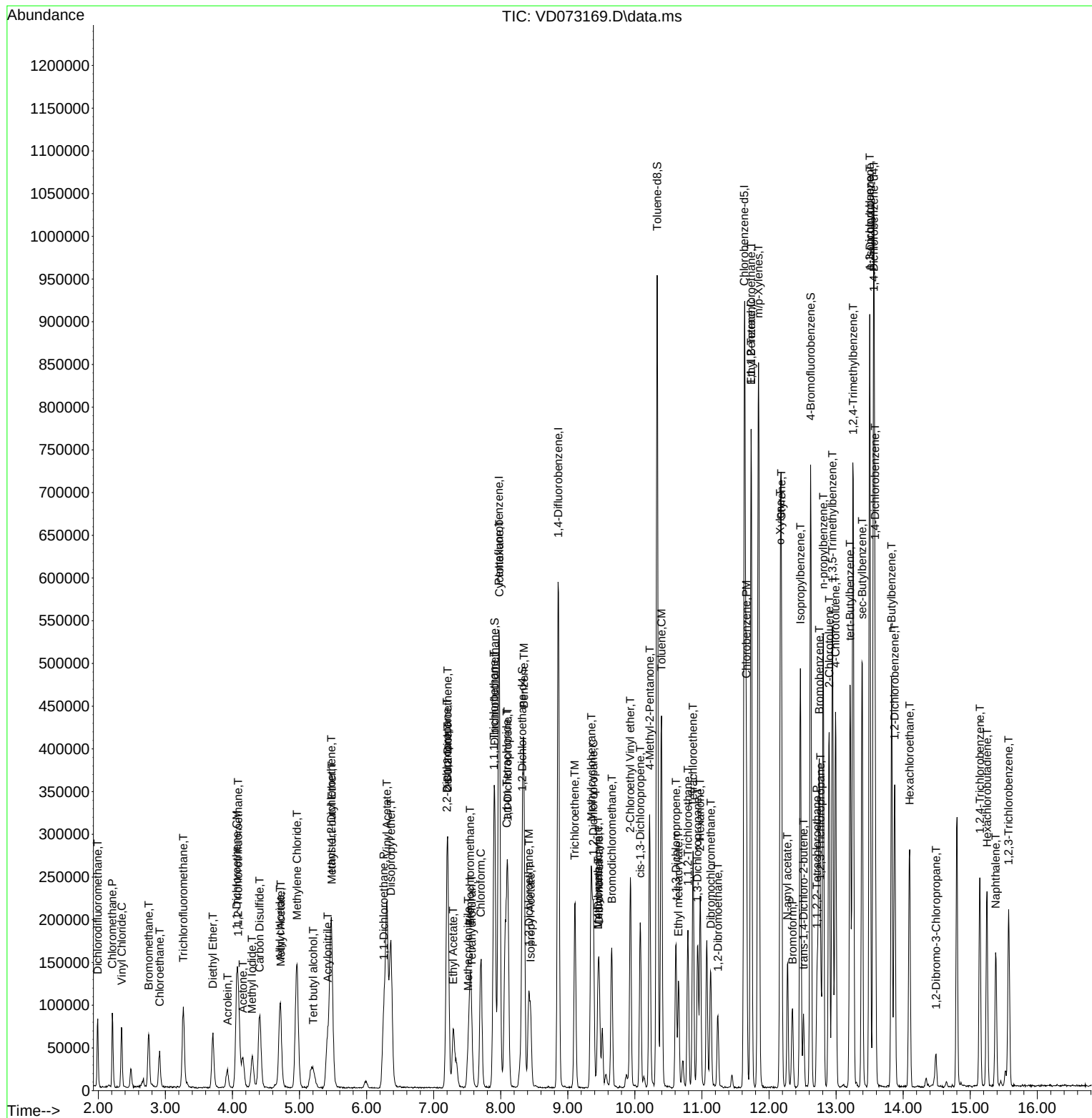
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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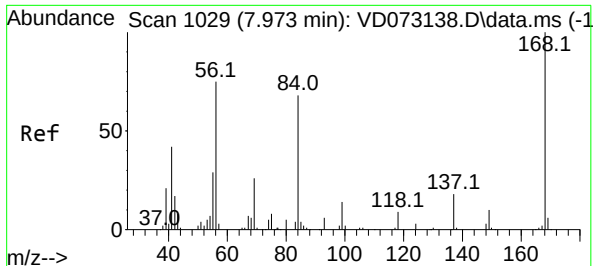
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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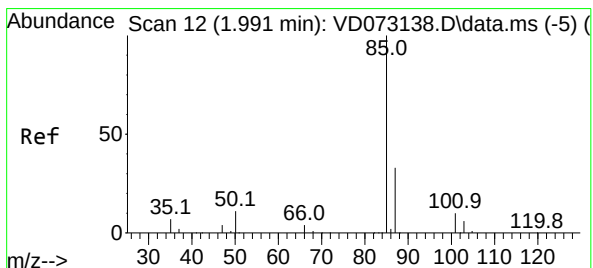
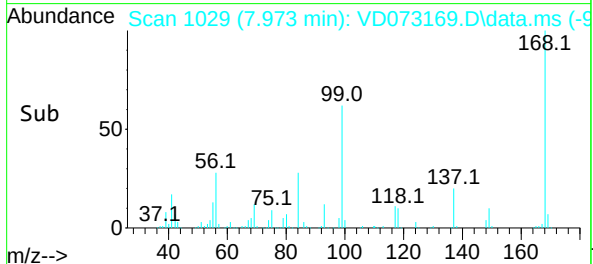
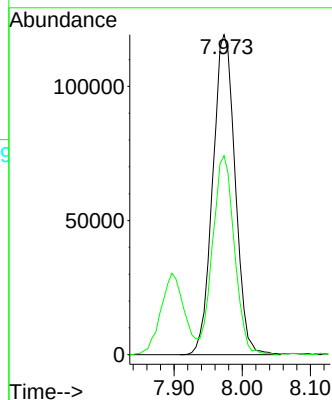
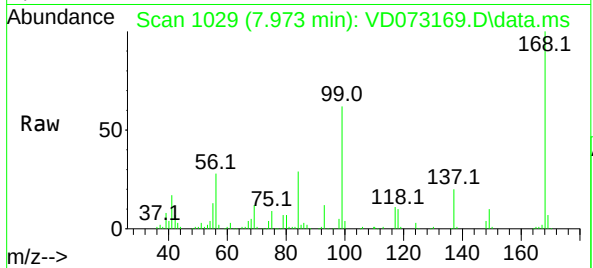




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073169.D
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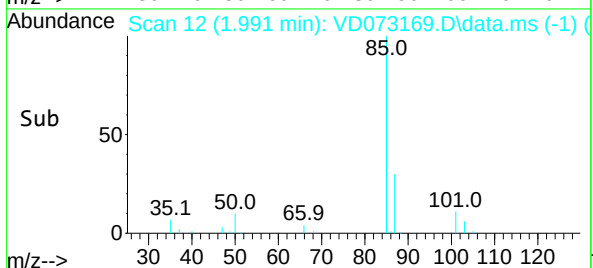
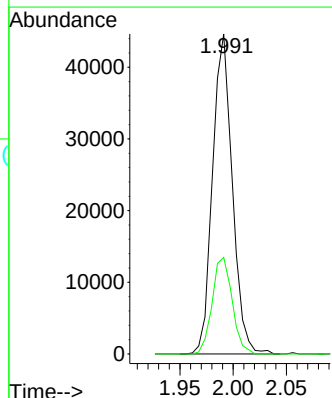
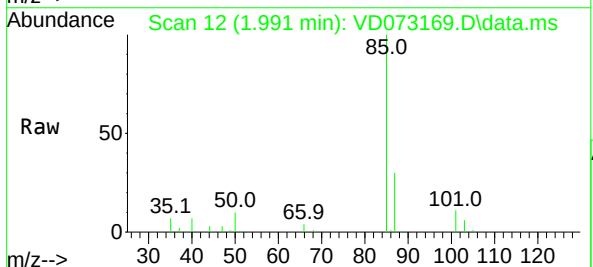
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

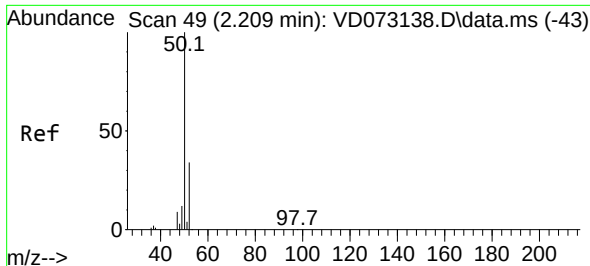
Tgt Ion:168 Resp: 273001
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 21.068 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 85 Resp: 57473
Ion Ratio Lower Upper
85 100
87 30.2 15.7 47.0

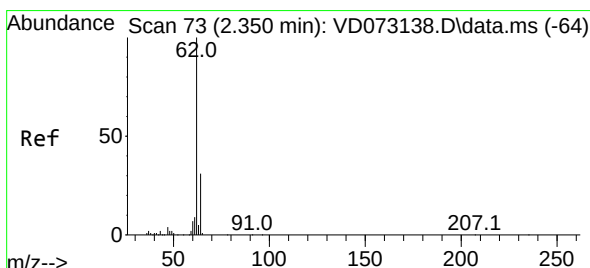
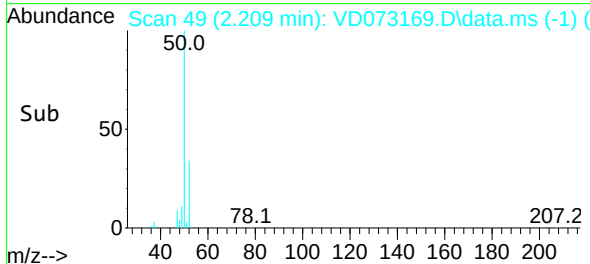
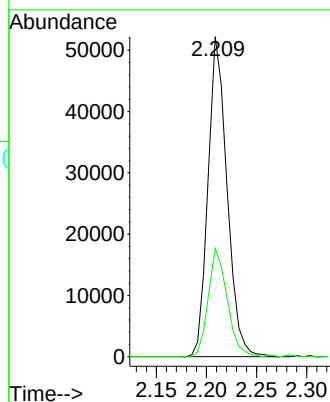
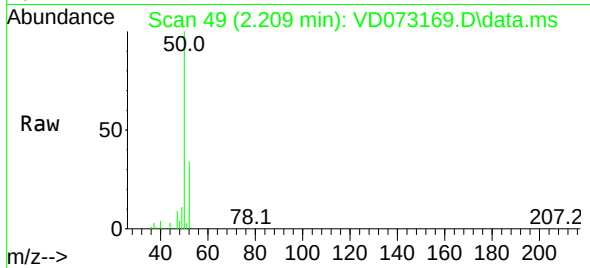




#3
Chloromethane
Concen: 22.396 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

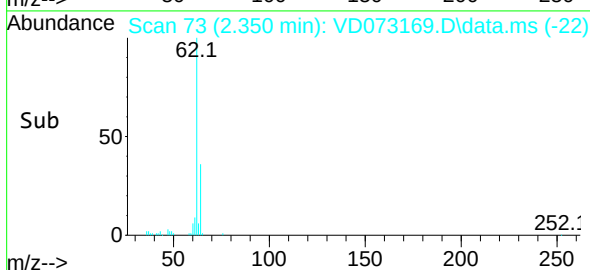
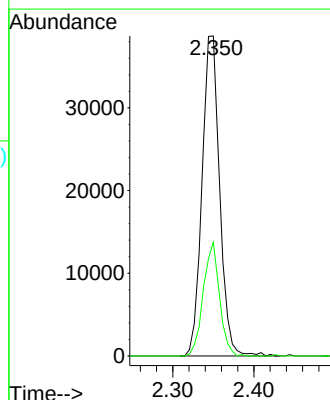
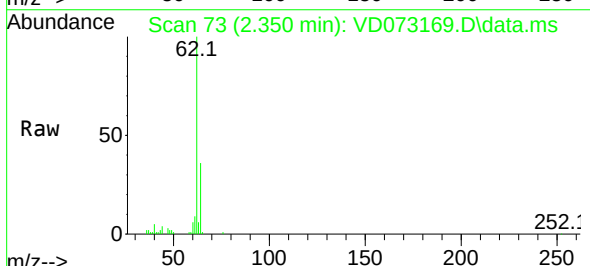
Instrument :
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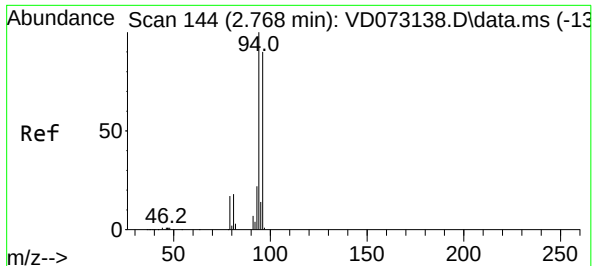
Tgt Ion: 50 Resp: 69082
Ion Ratio Lower Upper
50 100
52 33.9 27.4 41.0



#4
Vinyl Chloride
Concen: 20.678 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 62 Resp: 58325
Ion Ratio Lower Upper
62 100
64 35.5 25.4 38.0

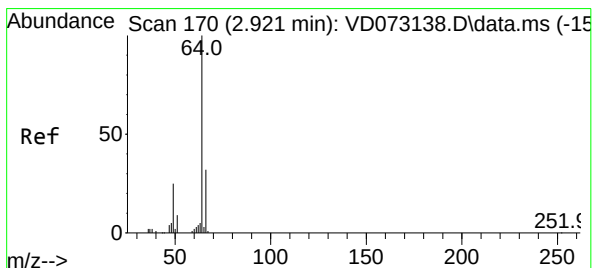
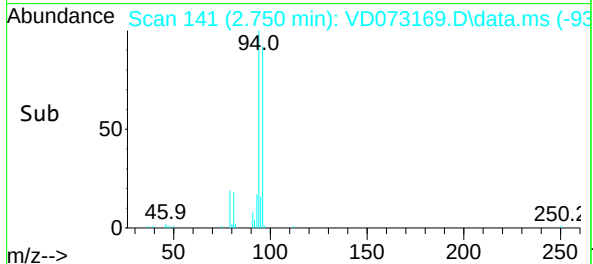
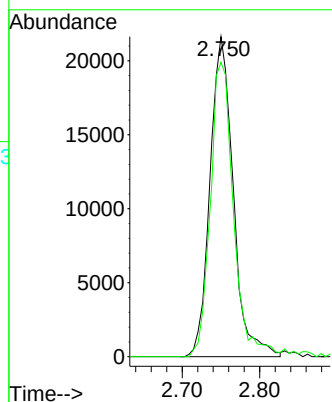
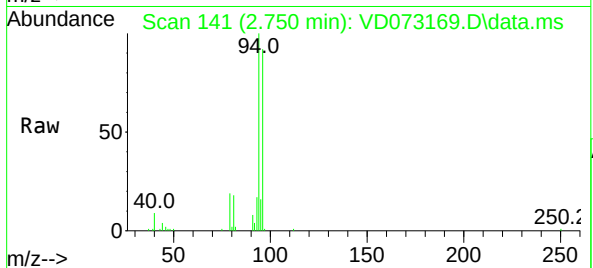




#5
Bromomethane
Concen: 22.790 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

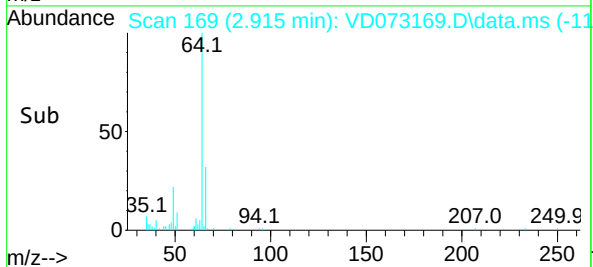
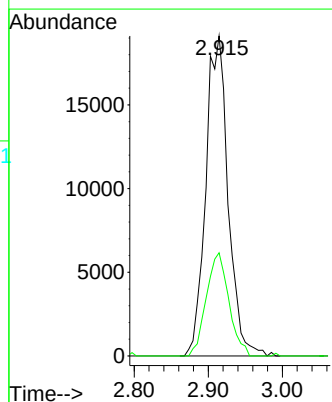
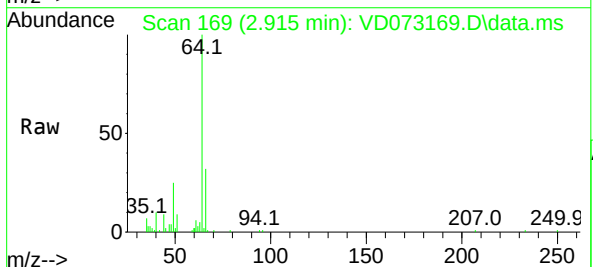
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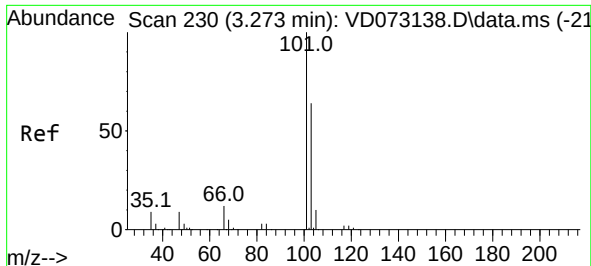
Tgt Ion: 94 Resp: 45181
Ion Ratio Lower Upper
94 100
96 92.0 77.6 116.4



#6
Chloroethane
Concen: 23.114 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 64 Resp: 40079
Ion Ratio Lower Upper
64 100
66 32.3 25.9 38.9

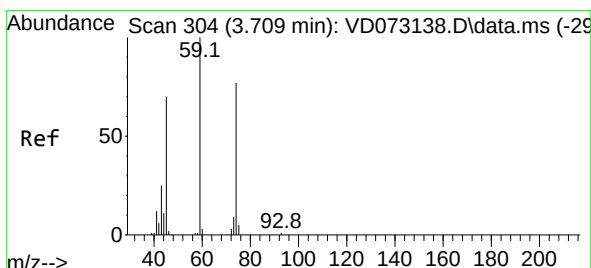
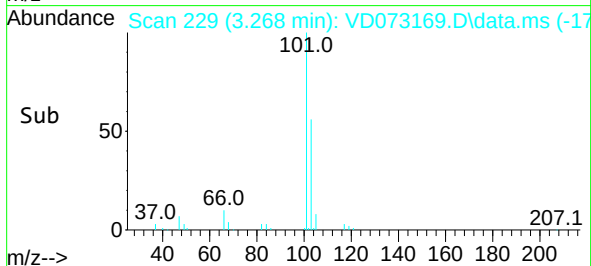
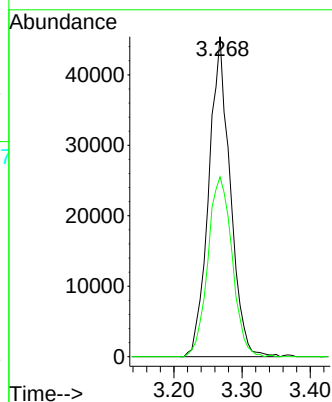
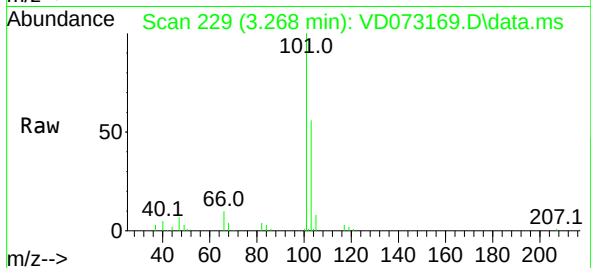




#7
 Trichlorofluoromethane
 Concen: 19.922 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD073169.D
 Acq: 20 May 2022 07:15

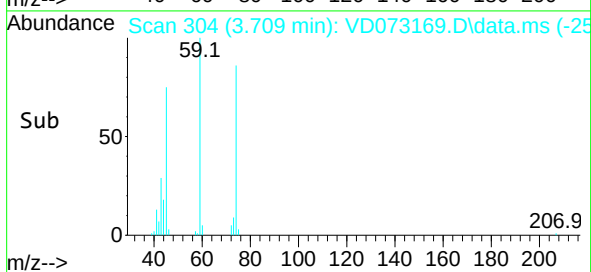
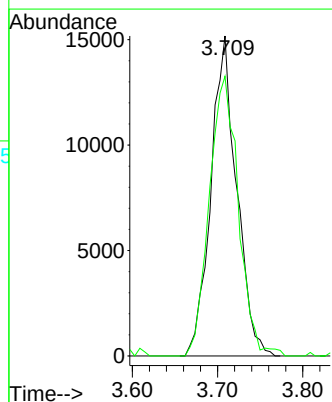
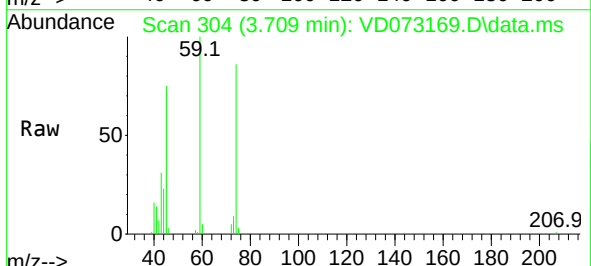
Instrument :
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 VD0519SBS03

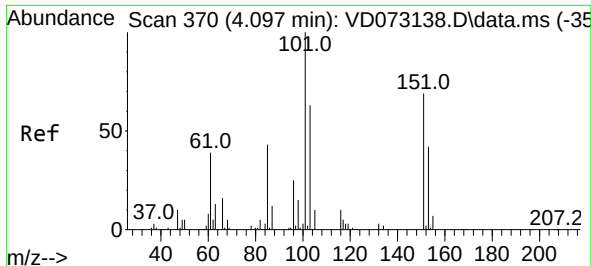
Tgt Ion:101 Resp: 99362
 Ion Ratio Lower Upper
 101 100
 103 56.2 50.1 75.1



#8
 Diethyl Ether
 Concen: 23.236 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073169.D
 Acq: 20 May 2022 07:15

Tgt Ion: 74 Resp: 31844
 Ion Ratio Lower Upper
 74 100
 45 98.7 52.6 157.8

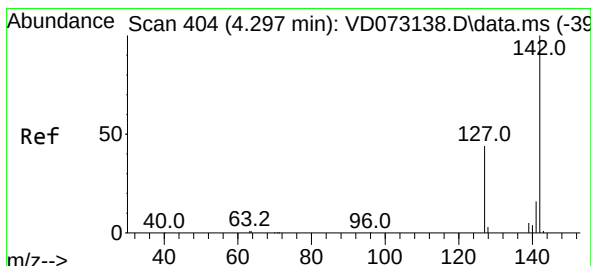
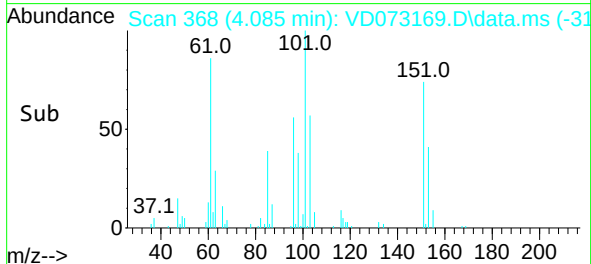
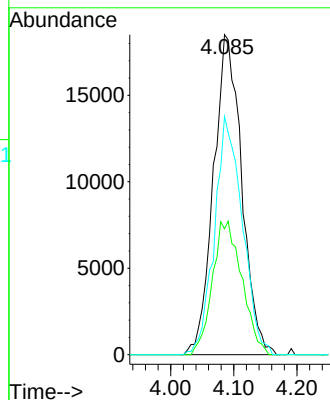
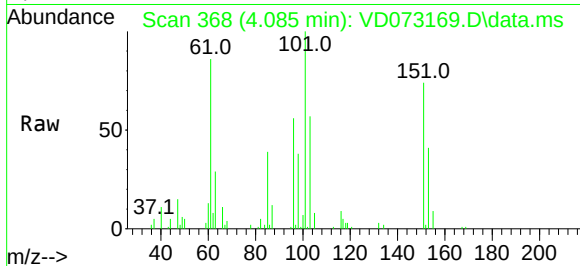




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.266 ug/l
 RT: 4.085 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: VD073169.D
 Acq: 20 May 2022 07:15

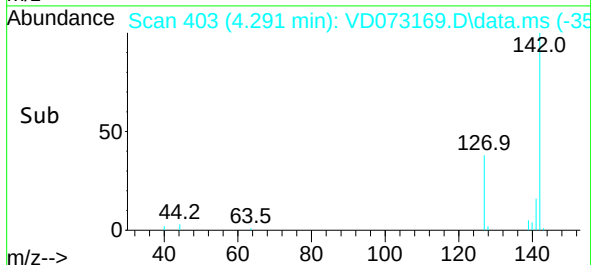
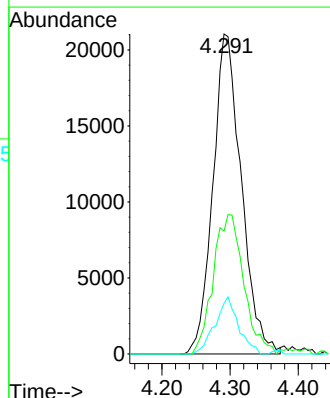
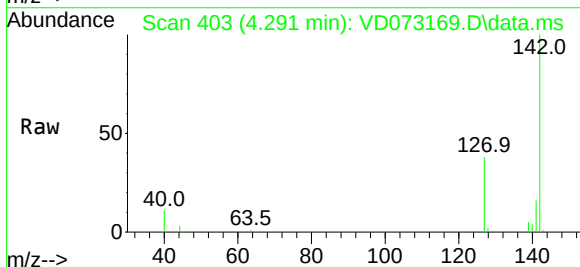
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS03

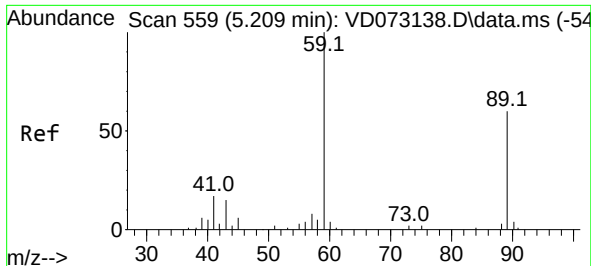
Tgt Ion:101	Resp:	57333
Ion Ratio	Lower	Upper
101	100	
85	43.6	36.4 54.6
151	73.6	57.3 85.9



#10
 Methyl Iodide
 Concen: 18.993 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. -0.006 min
 Lab File: VD073169.D
 Acq: 20 May 2022 07:15

Tgt Ion:142	Resp:	60978
Ion Ratio	Lower	Upper
142	100	
127	46.6	37.3 55.9
141	14.7	11.7 17.5

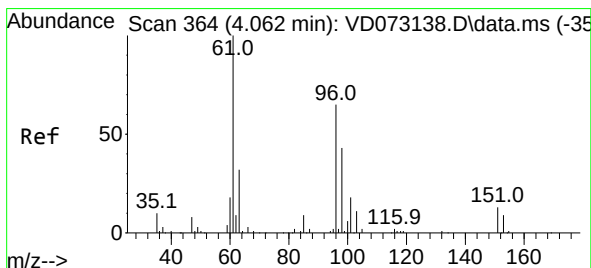
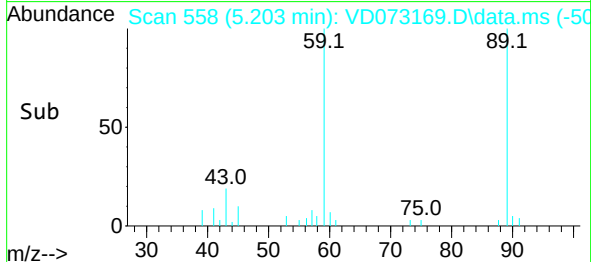
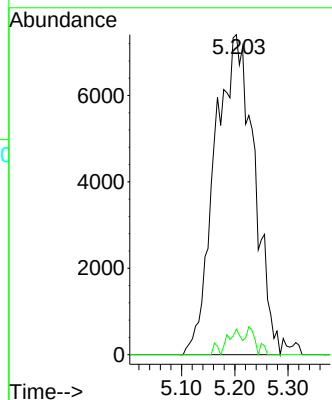
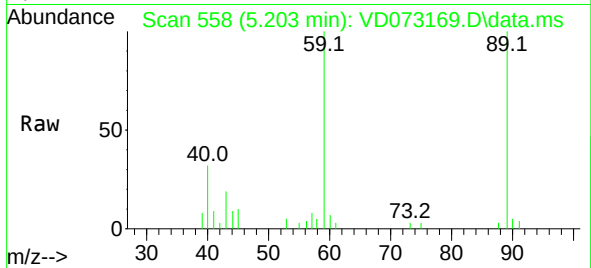




#11
Tert butyl alcohol
Concen: 80.576 ug/l
RT: 5.203 min Scan# 511
Delta R.T. -0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

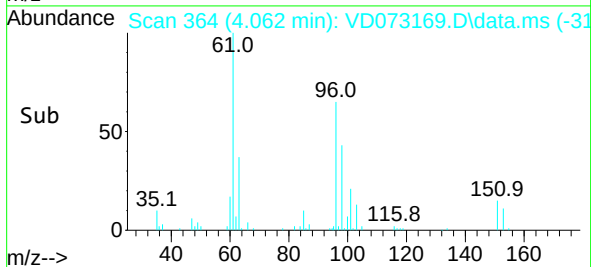
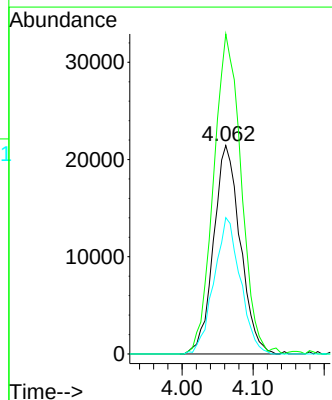
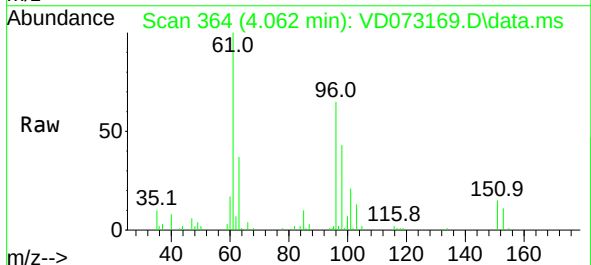
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

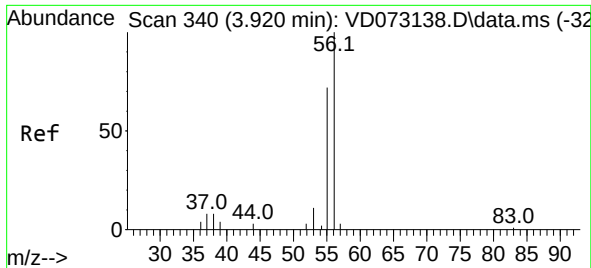
Tgt Ion: 59 Resp: 37717
Ion Ratio Lower Upper
59 100
57 2.6 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 20.383 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 96 Resp: 55921
Ion Ratio Lower Upper
96 100
61 153.5 138.5 207.7
98 65.4 48.6 73.0

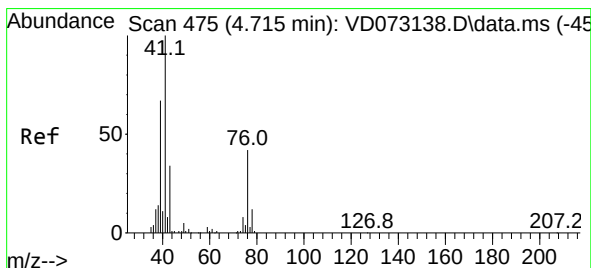
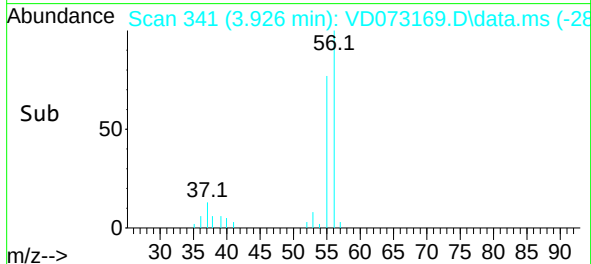
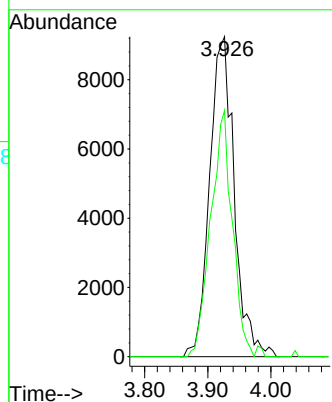
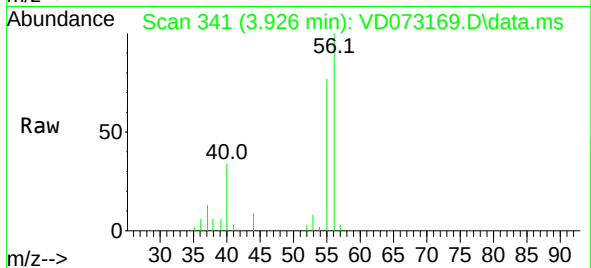




#13
Acrolein
Concen: 126.459 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

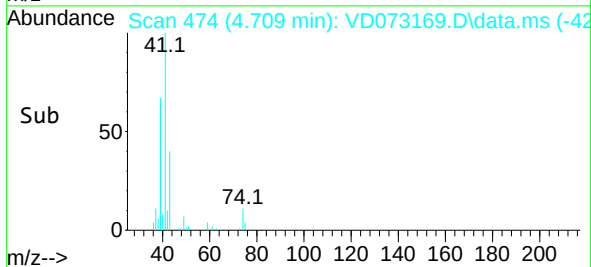
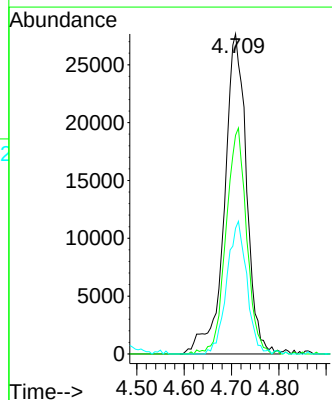
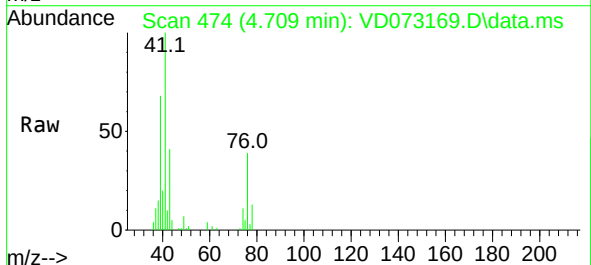
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

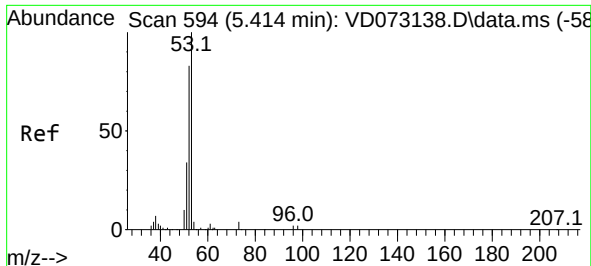
Tgt Ion: 56 Resp: 24998
Ion Ratio Lower Upper
56 100
55 67.6 57.1 85.7



#14
Allyl chloride
Concen: 20.213 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 41 Resp: 89514
Ion Ratio Lower Upper
41 100
39 65.9 59.3 88.9
76 37.7 25.7 38.5

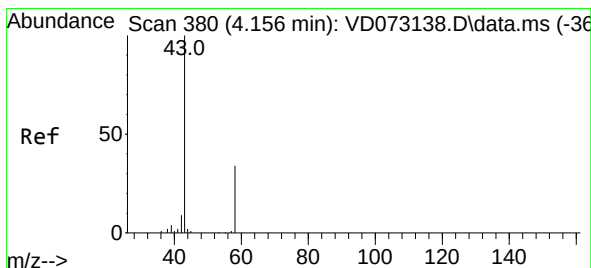
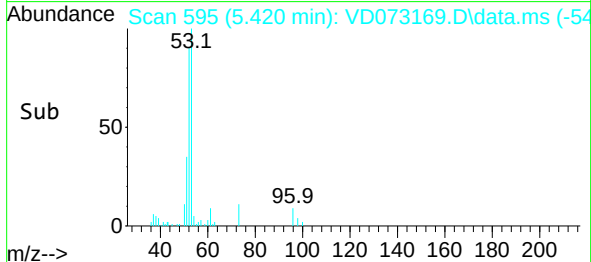
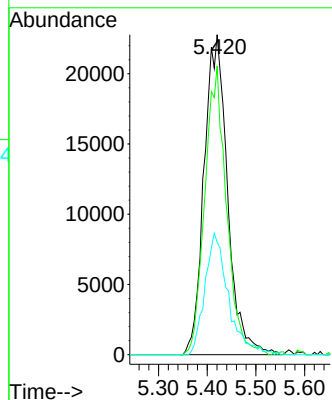
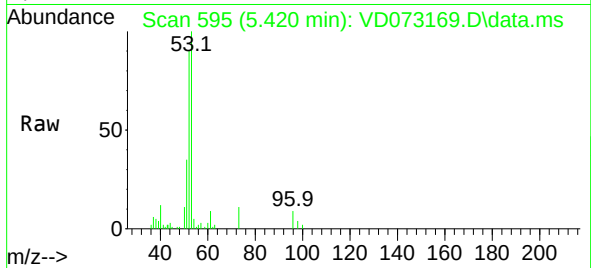




#15
Acrylonitrile
Concen: 121.624 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

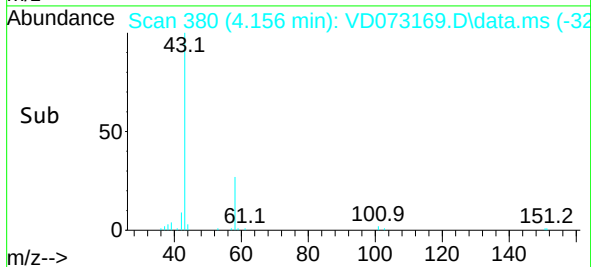
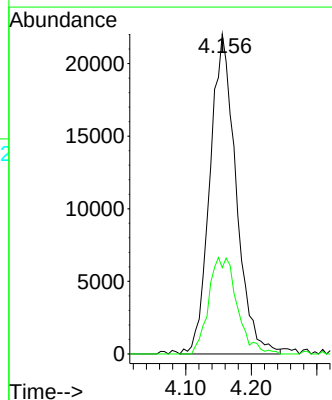
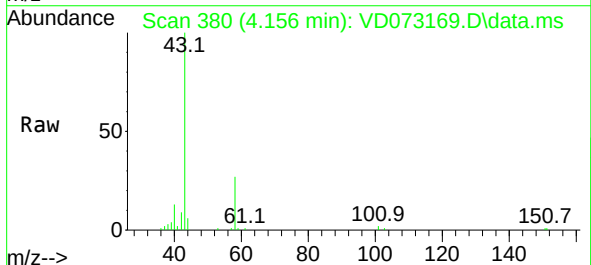
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

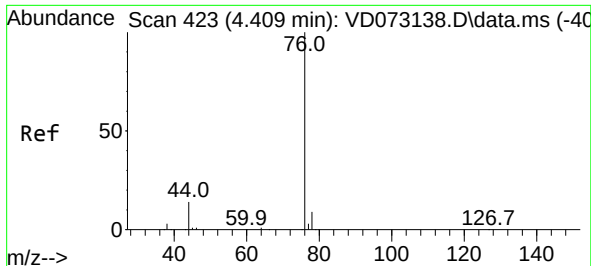
Tgt Ion: 53 Resp: 76220
Ion Ratio Lower Upper
53 100
52 83.4 67.2 100.8
51 37.9 30.3 45.5



#16
Acetone
Concen: 116.521 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 43 Resp: 60892
Ion Ratio Lower Upper
43 100
58 27.0 22.1 33.1

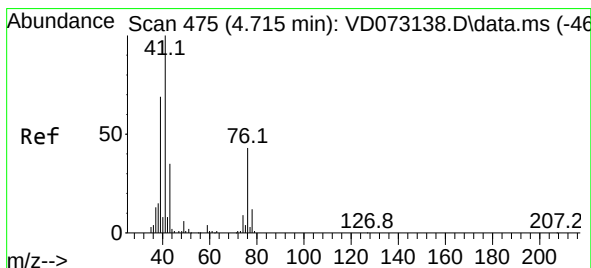
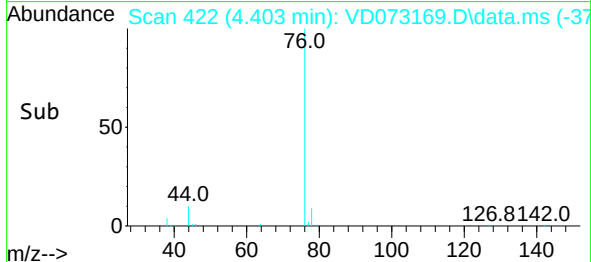
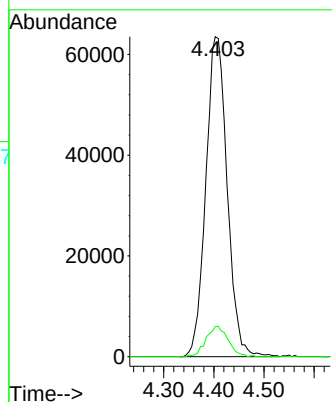
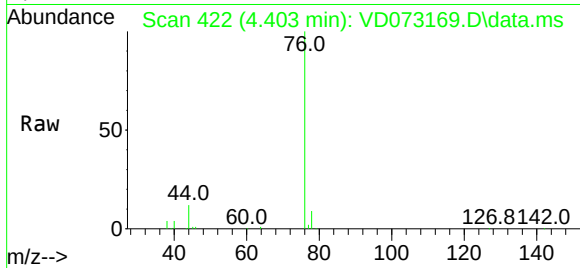




#17
Carbon Disulfide
Concen: 20.708 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

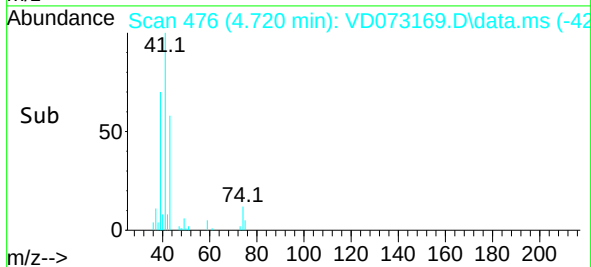
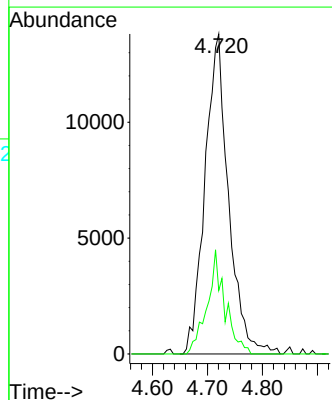
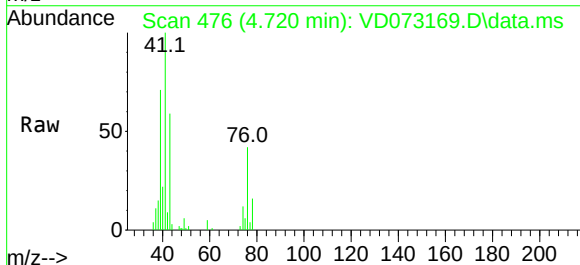
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

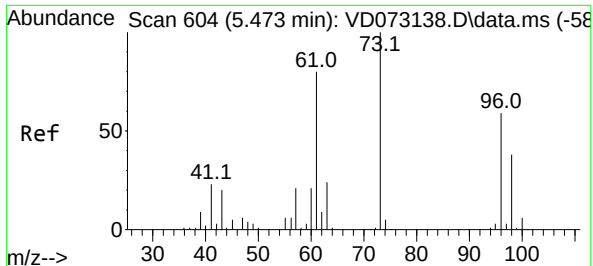
Tgt Ion: 76 Resp: 188337
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 28.234 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 43 Resp: 41028
Ion Ratio Lower Upper
43 100
74 24.6 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 22.795 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Instrument :

MSVOA_D

ClientSampleId :

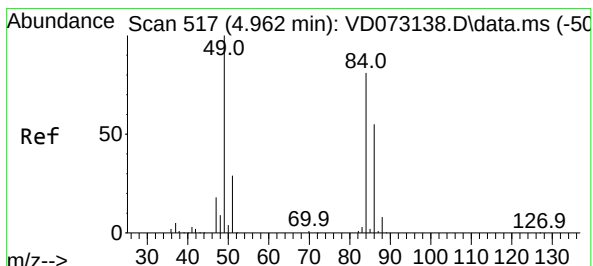
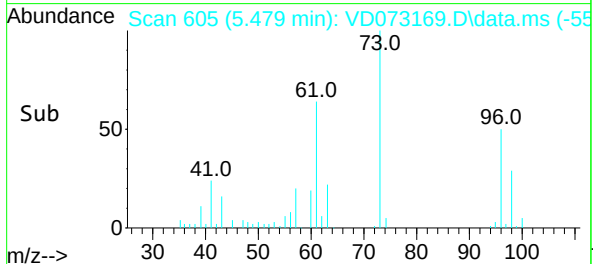
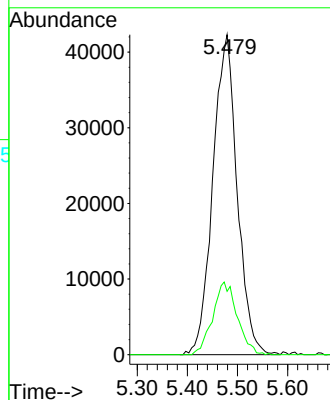
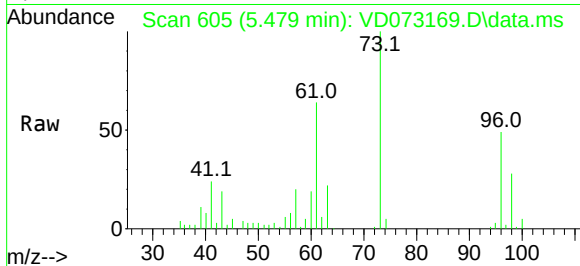
VD0519SBS03

Tgt Ion: 73 Resp: 142478

Ion Ratio Lower Upper

73 100

57 19.8 18.0 27.0



#20

Methylene Chloride

Concen: 32.891 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Tgt Ion: 84 Resp: 113553

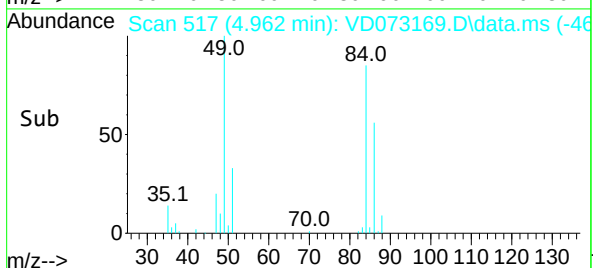
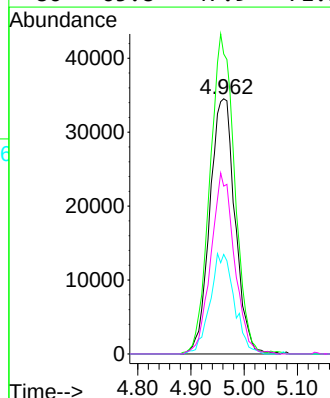
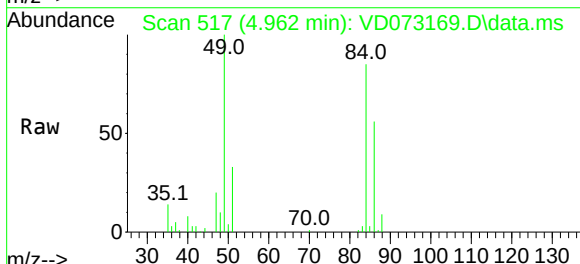
Ion Ratio Lower Upper

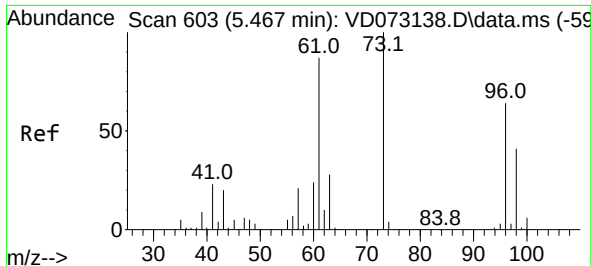
84 100

49 117.6 112.8 169.2

51 39.0 32.6 48.8

86 65.8 47.9 71.9

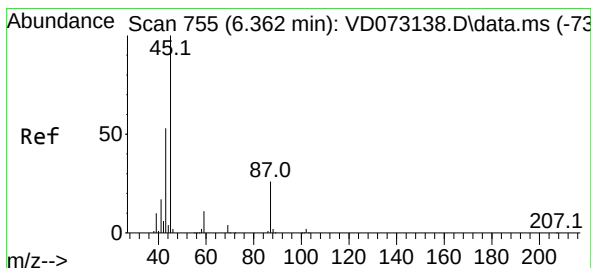
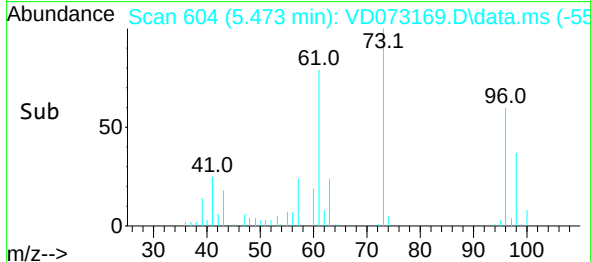
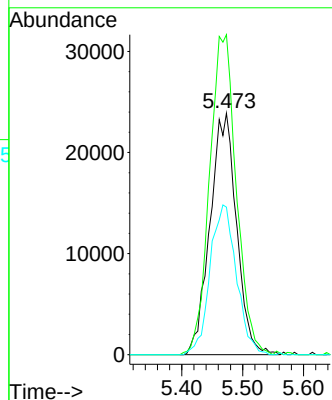
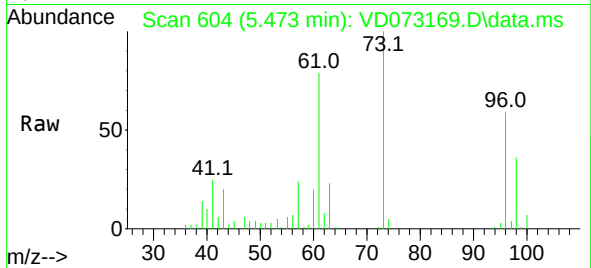




#21
trans-1,2-Dichloroethene
Concen: 21.774 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

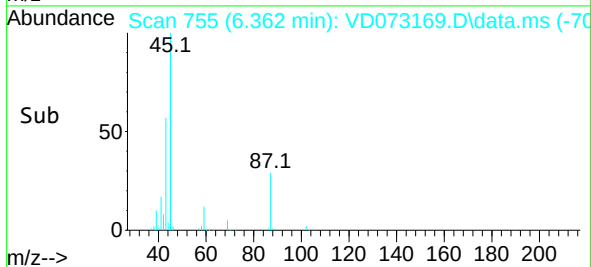
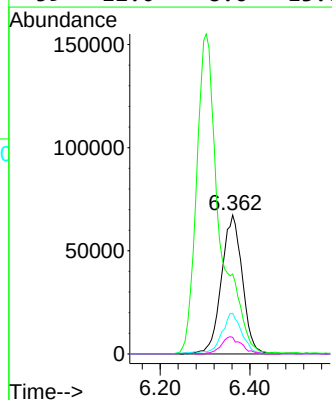
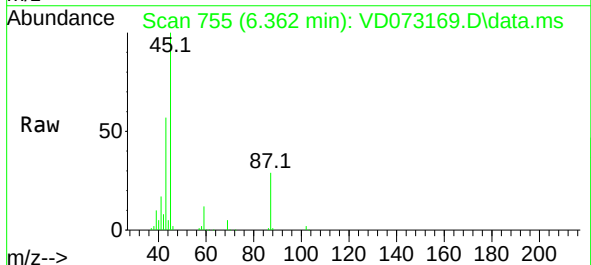
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

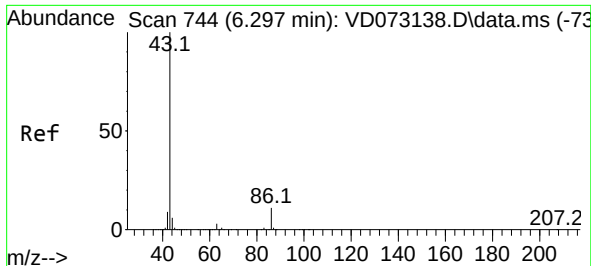
Tgt Ion: 96 Resp: 72228
Ion Ratio Lower Upper
96 100
61 132.5 117.9 176.9
98 61.1 49.4 74.2



#22
Diisopropyl ether
Concen: 23.476 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 45 Resp: 217944
Ion Ratio Lower Upper
45 100
43 56.7 46.6 70.0
87 29.3 18.4 27.6#
59 12.0 8.6 13.0

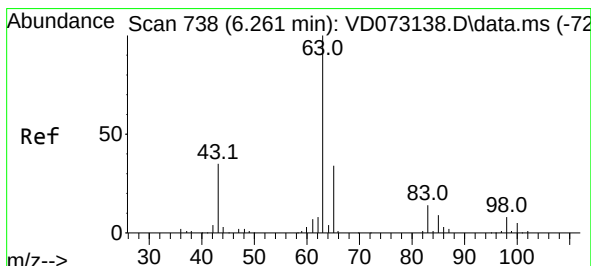
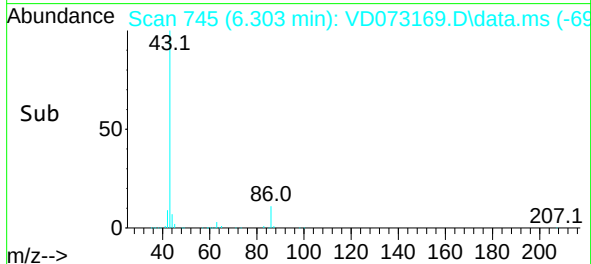
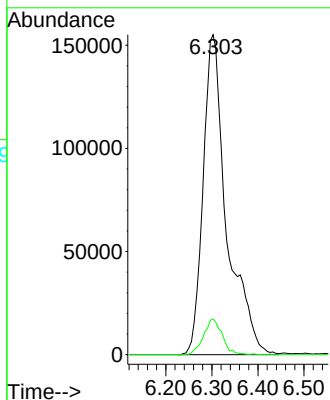
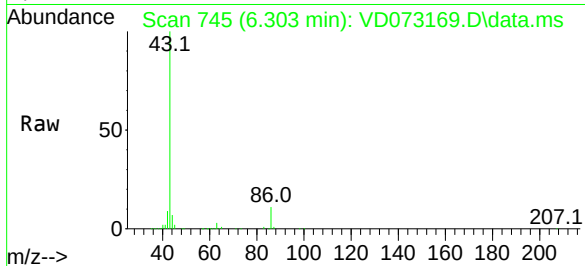




#23
 Vinyl Acetate
 Concen: 111.668 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073169.D
 Acq: 20 May 2022 07:15

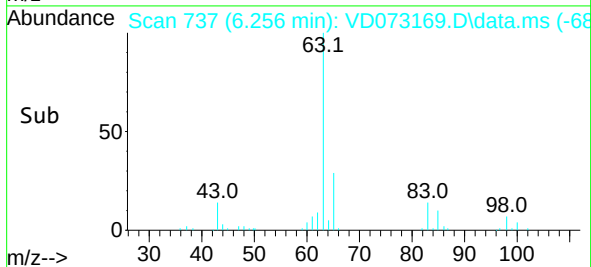
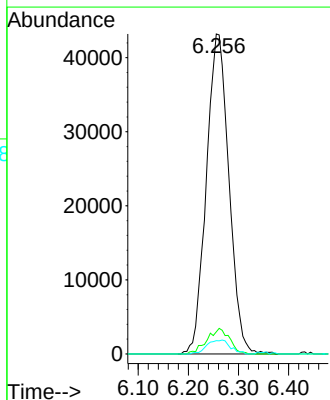
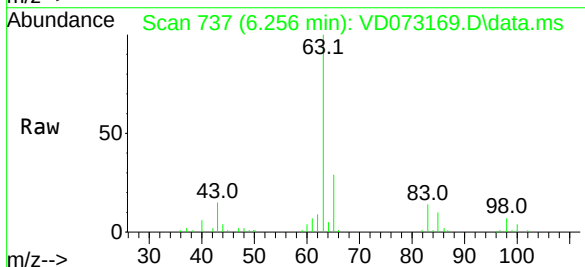
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS03

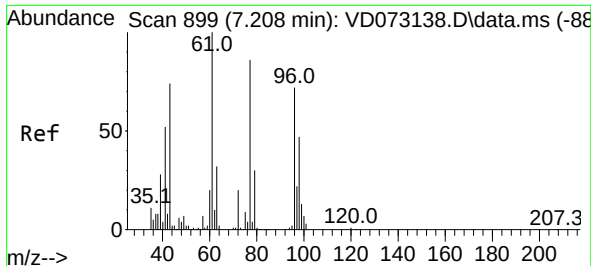
Tgt Ion: 43 Resp: 552971
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 22.687 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073169.D
 Acq: 20 May 2022 07:15

Tgt Ion: 63 Resp: 135191
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.2 2.1 6.5

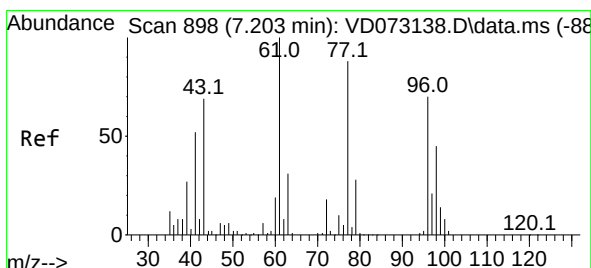
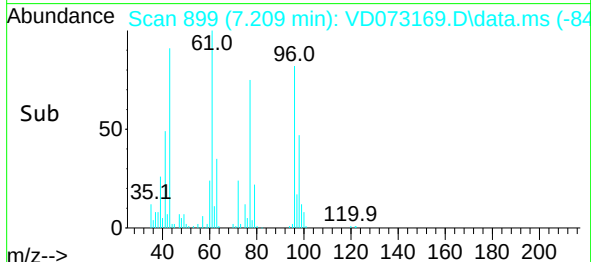
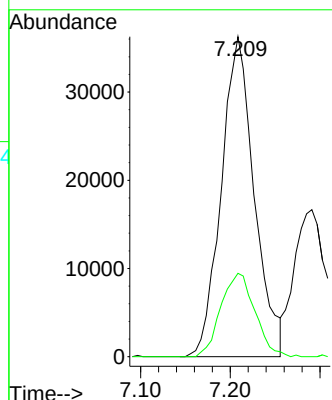
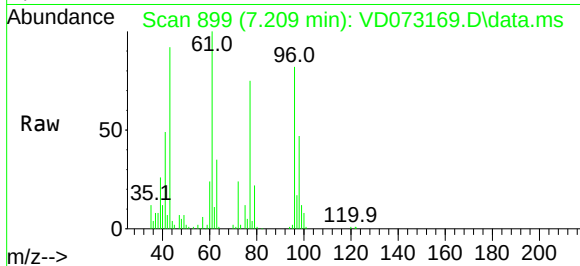




#25
2-Butanone
Concen: 121.187 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

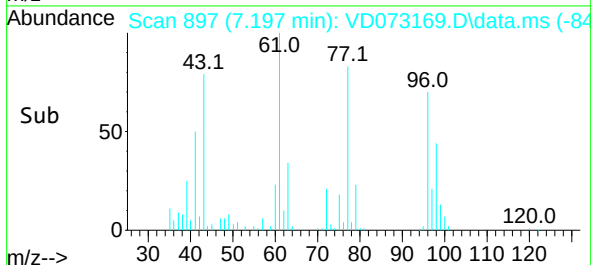
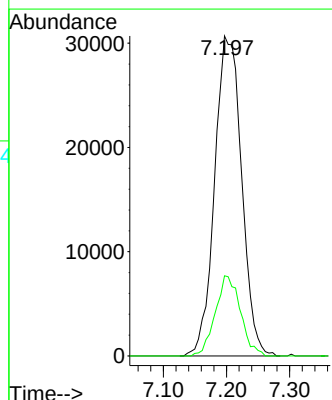
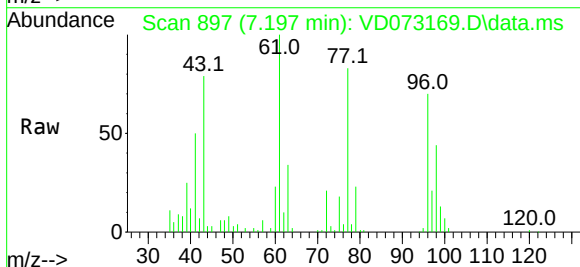
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

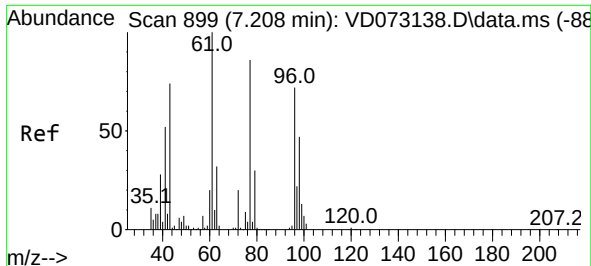
Tgt Ion: 43 Resp: 92655
Ion Ratio Lower Upper
43 100
72 26.0 18.6 27.8



#26
2,2-Dichloropropane
Concen: 17.928 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 77 Resp: 91107
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.4

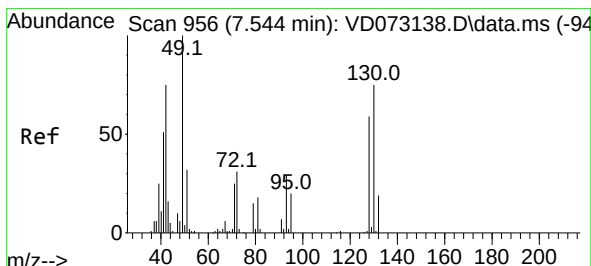
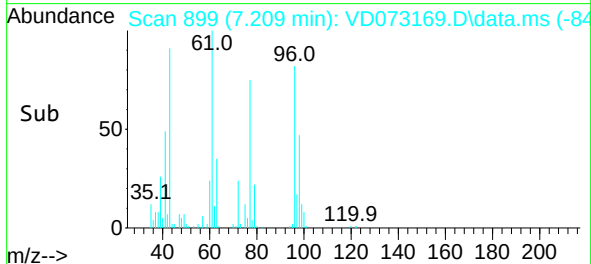
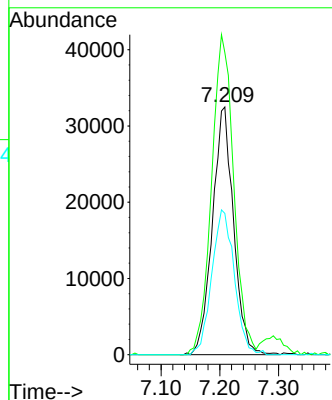
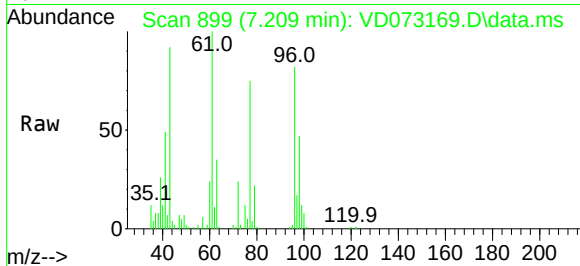




#27
 cis-1,2-Dichloroethene
 Concen: 22.107 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.001 min
 Lab File: VD073169.D
 Acq: 20 May 2022 07:15

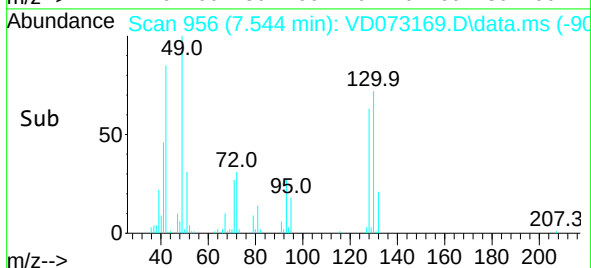
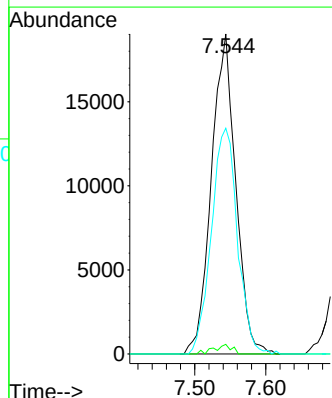
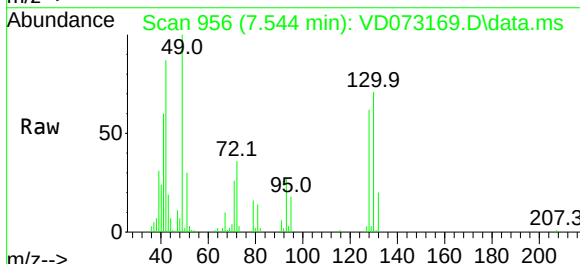
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS03

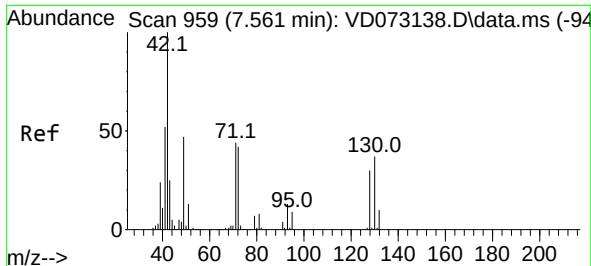
Tgt Ion: 96	Resp: 81144
Ion Ratio	Lower Upper
96 100	
61 135.3	0.0 313.8
98 62.4	0.0 128.8



#28
 Bromochloromethane
 Concen: 22.056 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD073169.D
 Acq: 20 May 2022 07:15

Tgt Ion: 49	Resp: 45279
Ion Ratio	Lower Upper
49 100	
129 2.2	0.0 4.0
130 75.5	52.6 79.0





#29

Tetrahydrofuran

Concen: 119.378 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.006 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS03

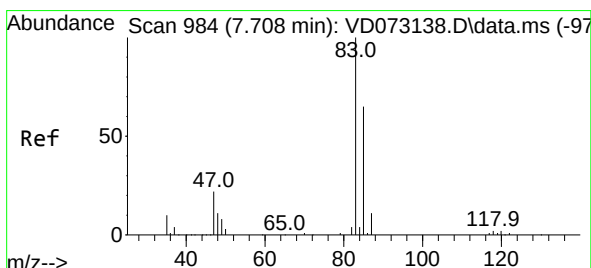
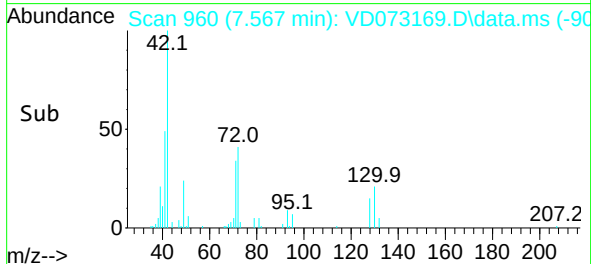
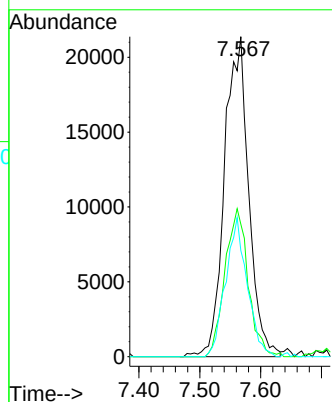
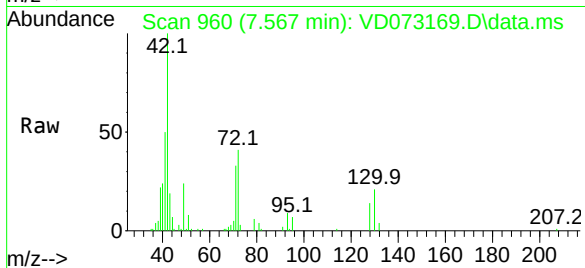
Tgt Ion: 42 Resp: 59018

Ion Ratio Lower Upper

42 100

72 44.4 30.7 46.1

71 38.9 28.6 43.0



#30

Chloroform

Concen: 22.850 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073169.D

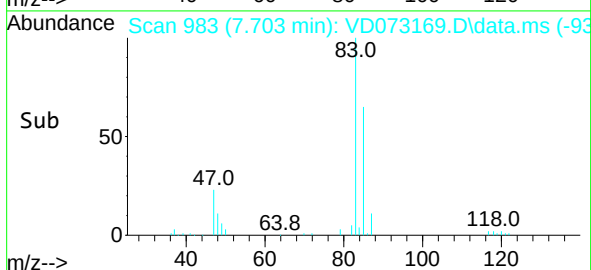
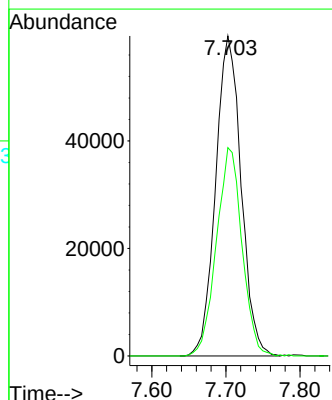
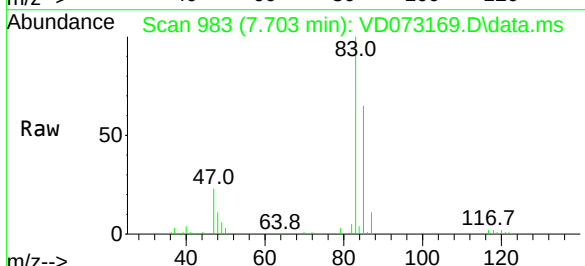
Acq: 20 May 2022 07:15

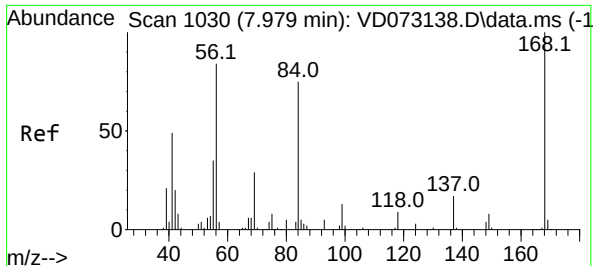
Tgt Ion: 83 Resp: 142154

Ion Ratio Lower Upper

83 100

85 65.1 52.7 79.1





#31

Cyclohexane

Concen: 18.770 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS03

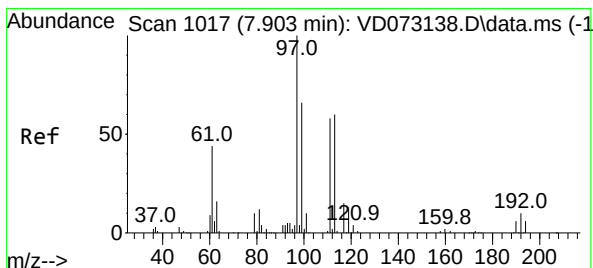
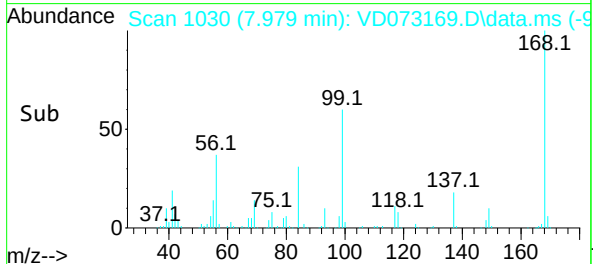
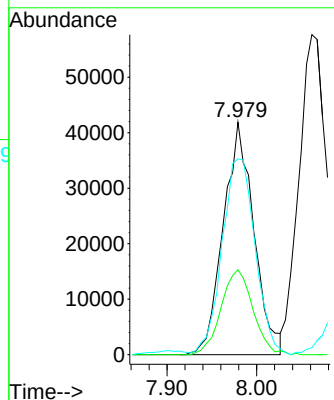
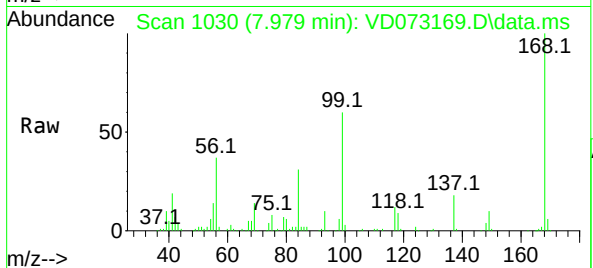
Tgt Ion: 56 Resp: 98960

Ion Ratio Lower Upper

56 100

69 36.5 25.4 38.2

84 82.7 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 20.973 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

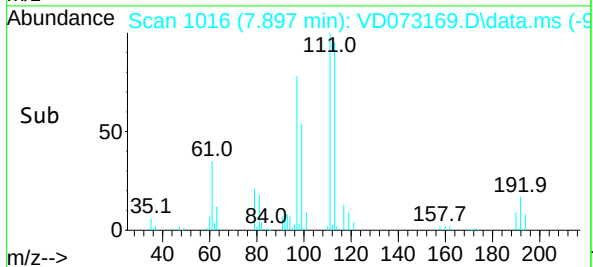
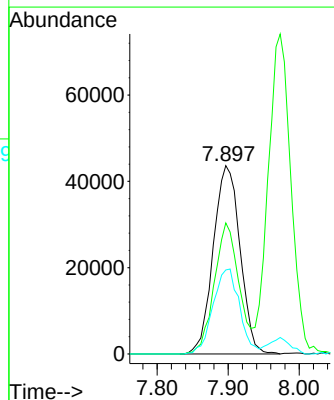
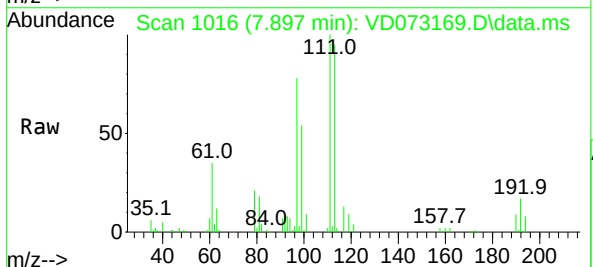
Tgt Ion: 97 Resp: 114114

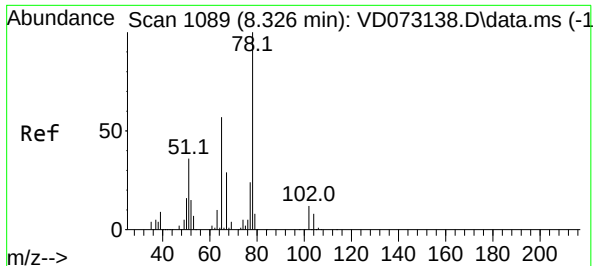
Ion Ratio Lower Upper

97 100

99 63.7 52.4 78.6

61 44.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 58.777 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Instrument :

MSVOA_D

ClientSampleId :

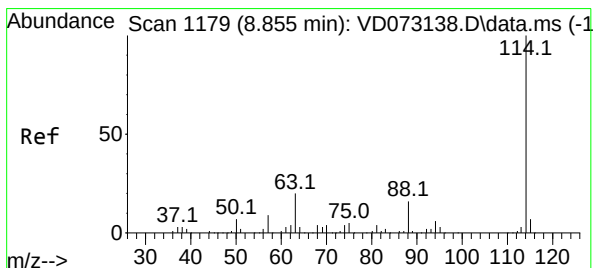
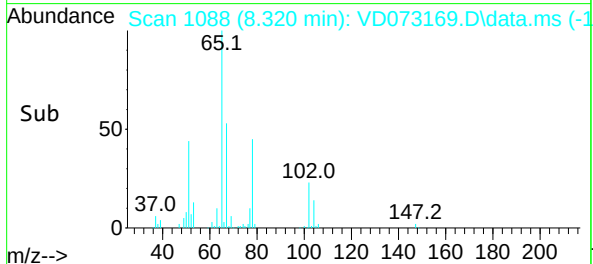
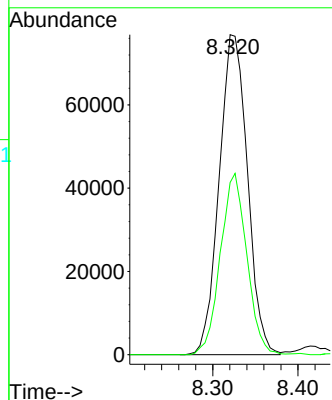
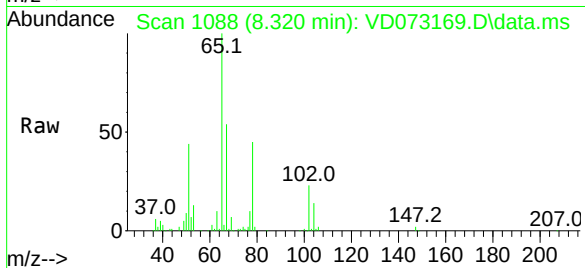
VD0519SBS03

Tgt Ion: 65 Resp: 177333

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

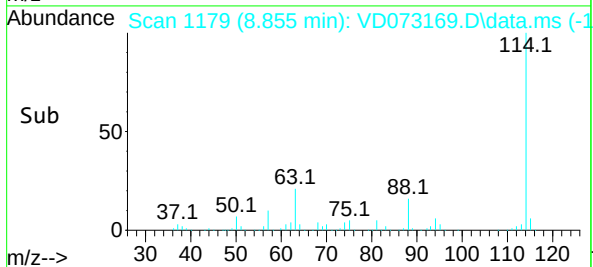
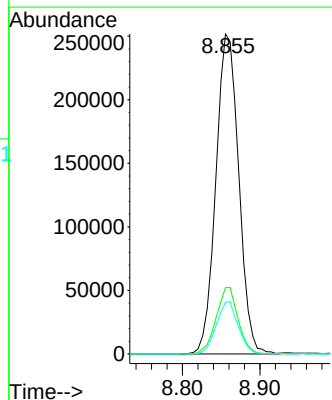
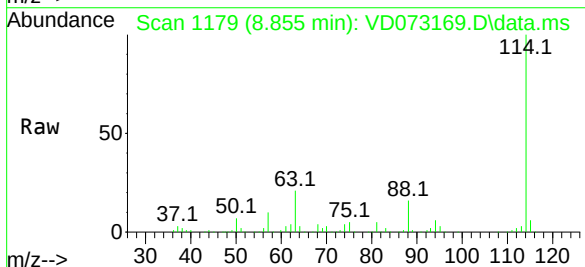
Tgt Ion: 114 Resp: 516528

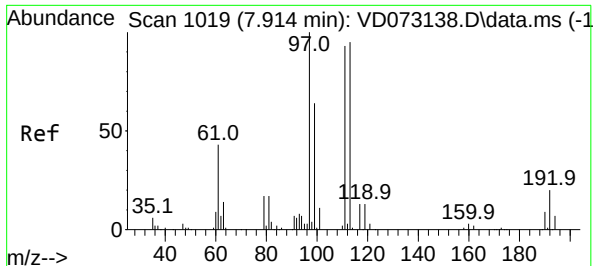
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 16.1 0.0 33.2

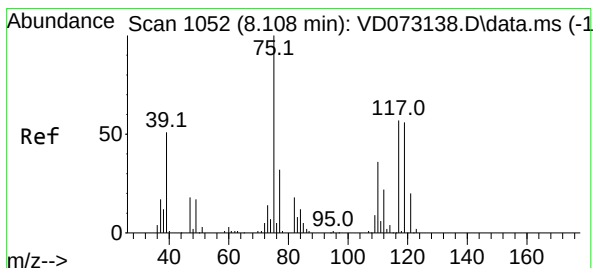
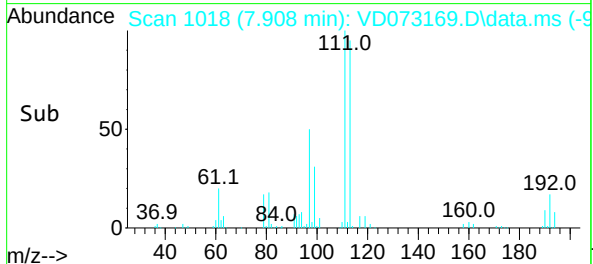
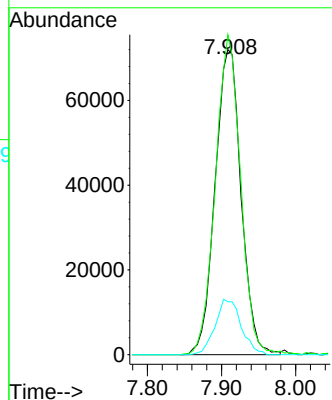
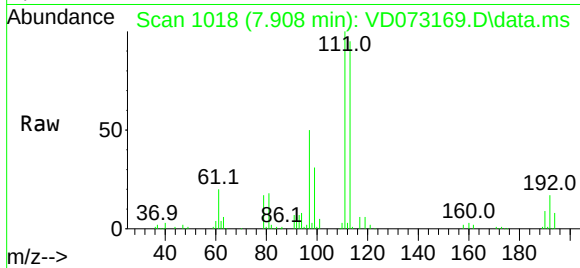




#35
Dibromofluoromethane
Concen: 51.471 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

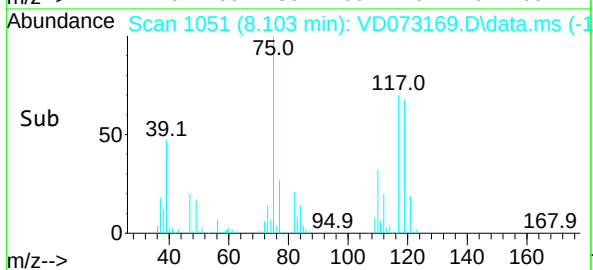
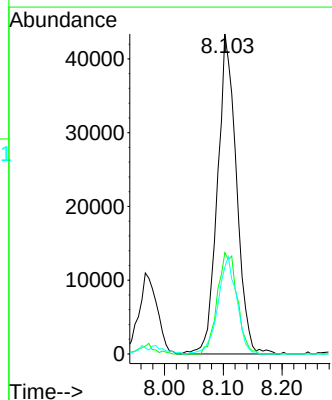
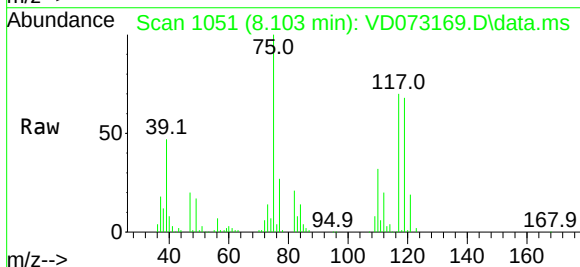
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

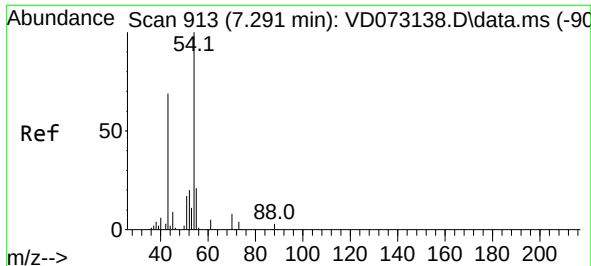
Tgt Ion:113 Resp: 175434
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 18.1 14.6 21.8



#36
1,1-Dichloropropene
Concen: 19.013 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. -0.005 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 75 Resp: 97464
Ion Ratio Lower Upper
75 100
110 33.1 16.4 49.1
77 29.9 24.2 36.2





#37

Ethyl Acetate

Concen: 20.996 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS03

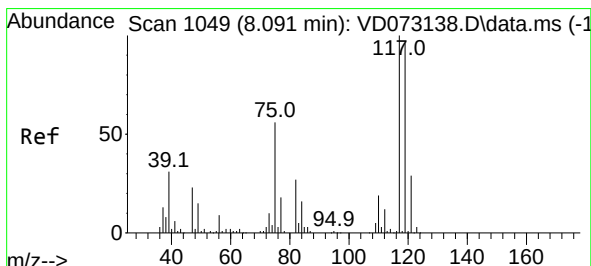
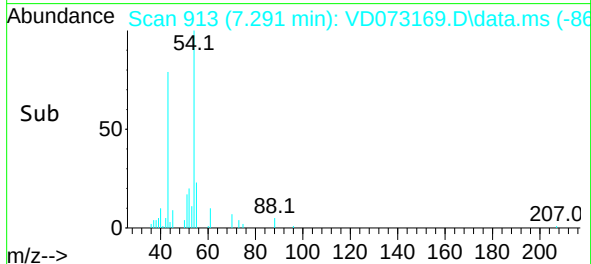
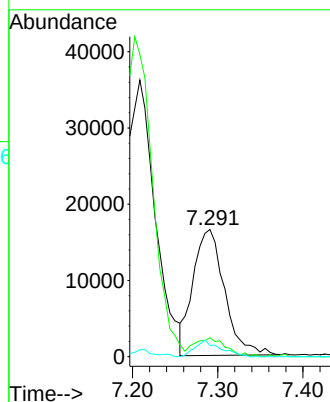
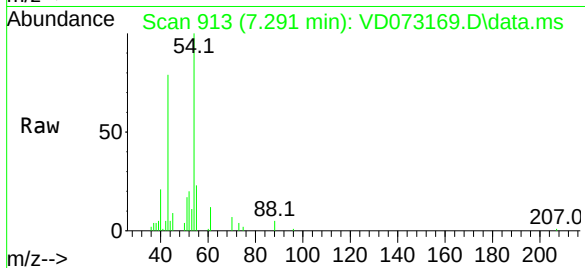
Tgt Ion: 43 Resp: 42512

Ion Ratio Lower Upper

43 100

61 14.9 9.8 14.8#

70 10.5 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 18.404 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

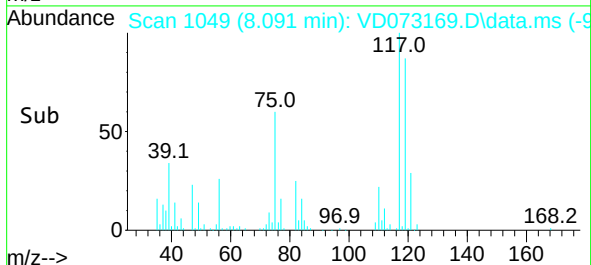
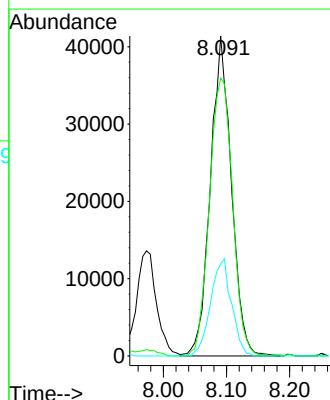
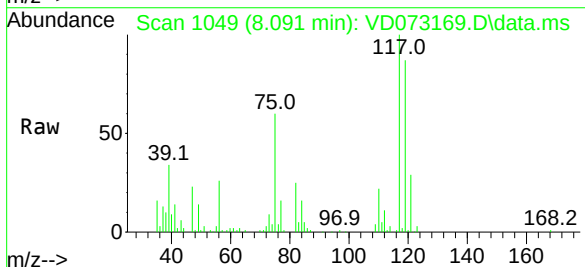
Tgt Ion: 117 Resp: 95633

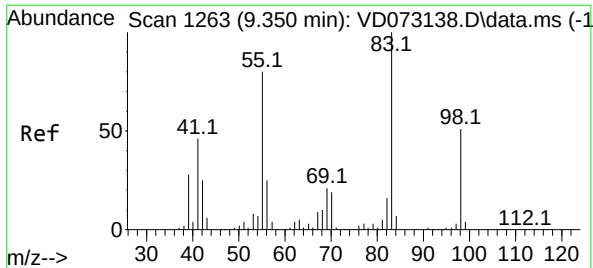
Ion Ratio Lower Upper

117 100

119 86.8 75.8 113.6

121 28.8 24.5 36.7





#39

Methylcyclohexane

Concen: 16.473 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS03

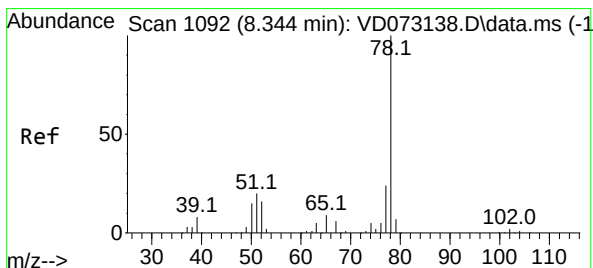
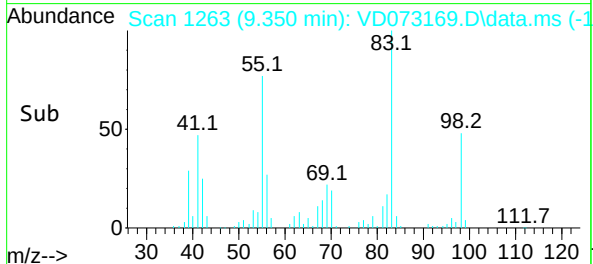
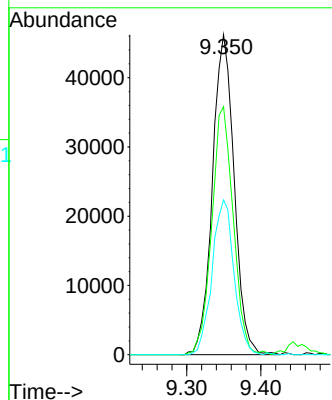
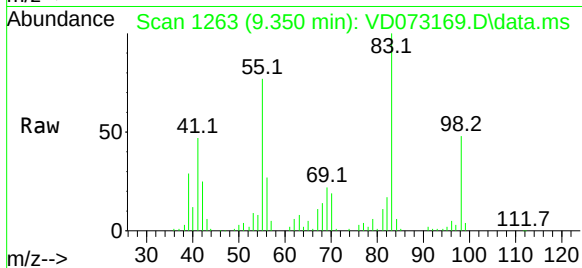
Tgt Ion: 83 Resp: 94107

Ion Ratio Lower Upper

83 100

55 77.5 63.2 94.8

98 48.4 38.2 57.4



#40

Benzene

Concen: 20.660 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073169.D

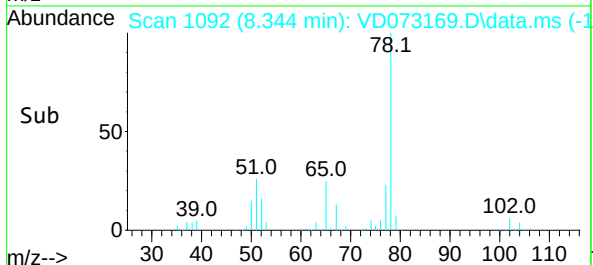
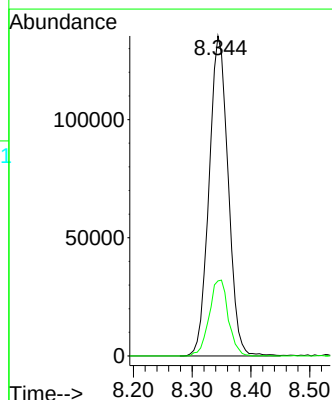
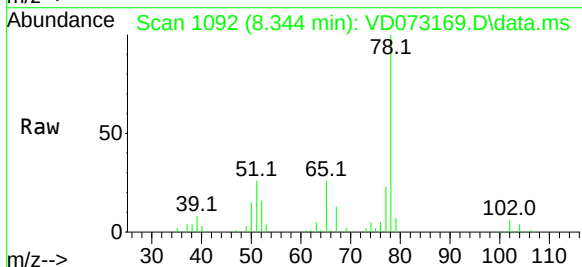
Acq: 20 May 2022 07:15

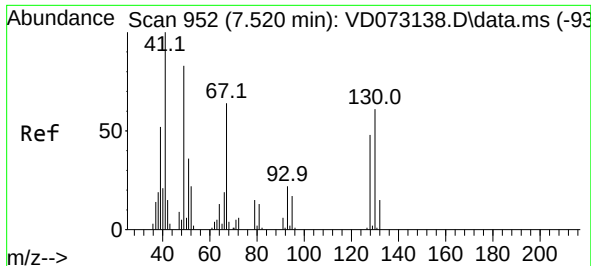
Tgt Ion: 78 Resp: 305223

Ion Ratio Lower Upper

78 100

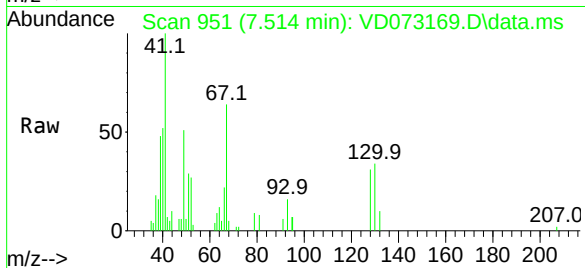
77 23.5 19.1 28.7



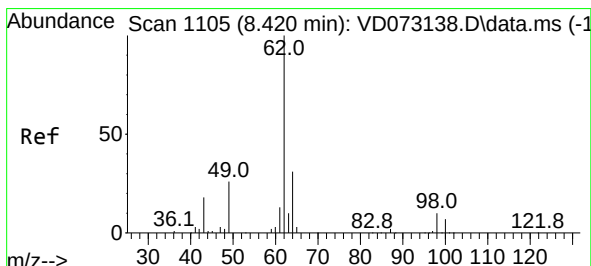
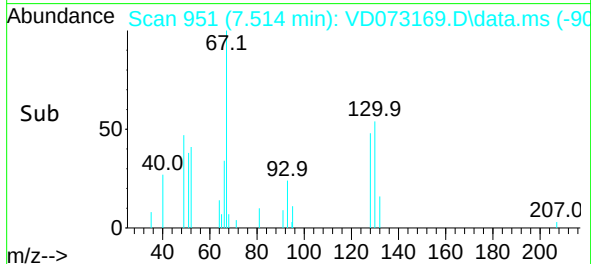
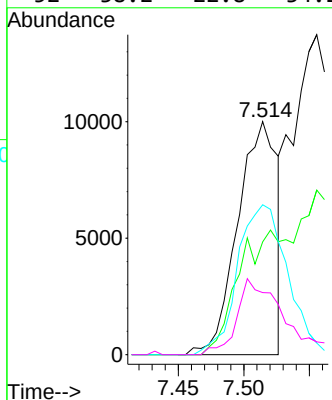


#41
Methacrylonitrile
Concen: 17.830 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

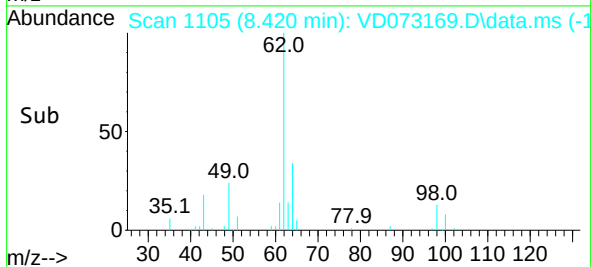
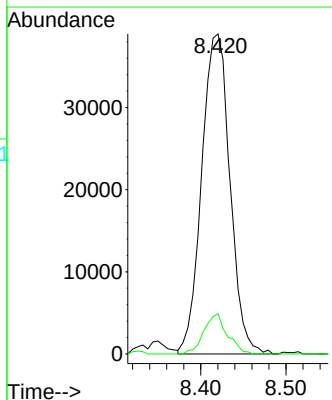
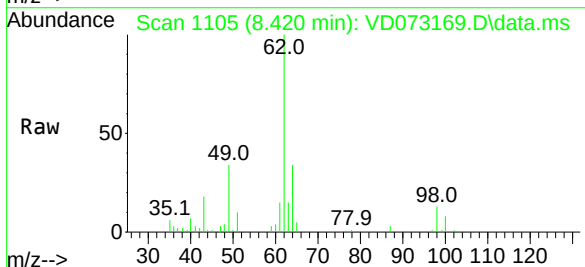


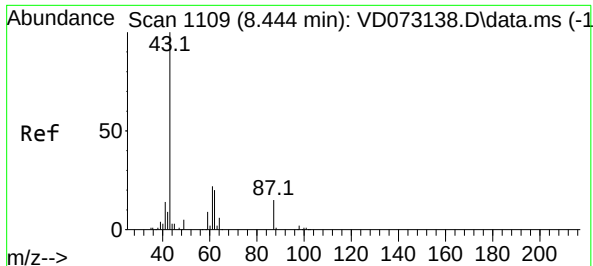
Tgt Ion:	41	Resp:	21034
Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.6	67.0
67	81.7	48.2	72.4#
52	38.2	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 21.839 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion:	62	Resp:	89776
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	17.6

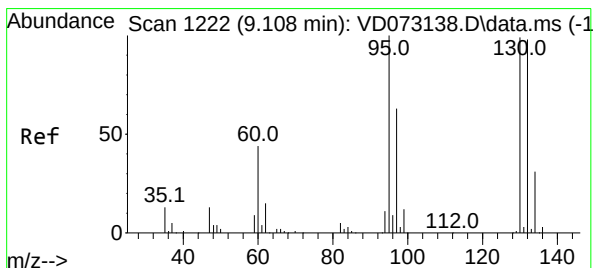
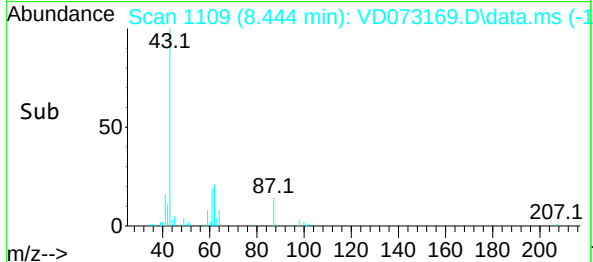
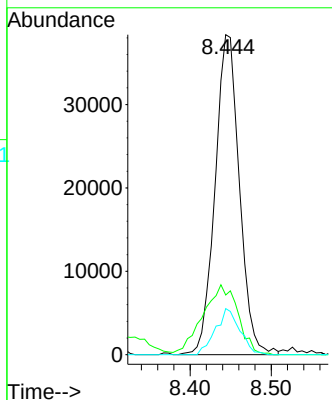
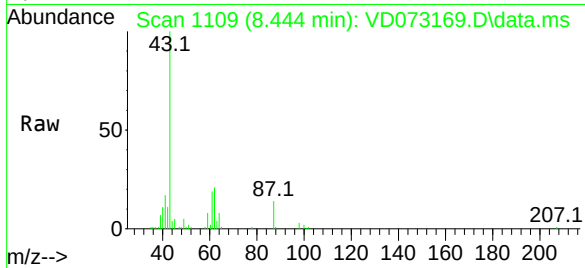




#43
Isopropyl Acetate
Concen: 21.381 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

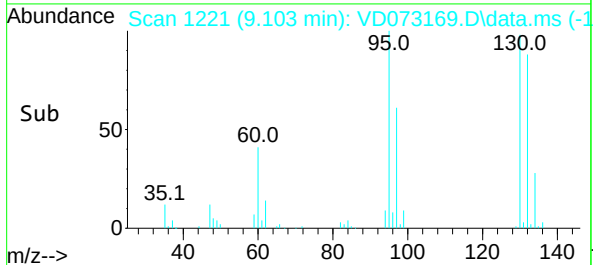
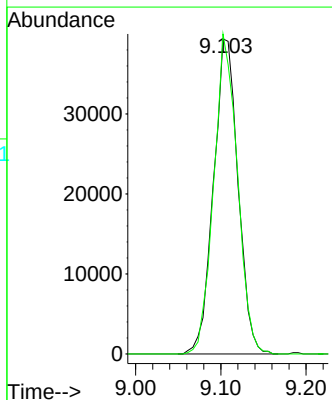
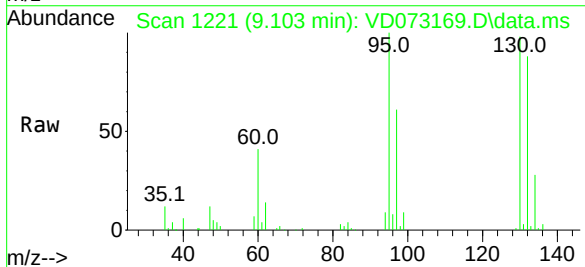
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

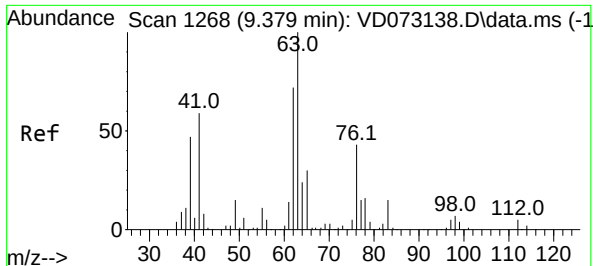
Tgt Ion: 43 Resp: 80019
Ion Ratio Lower Upper
43 100
61 31.6 22.4 33.6
87 14.4 8.7 13.1#



#44
Trichloroethene
Concen: 19.996 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.005 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion:130 Resp: 78777
Ion Ratio Lower Upper
130 100
95 101.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 21.049 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Instrument :

MSVOA_D

ClientSampleId :

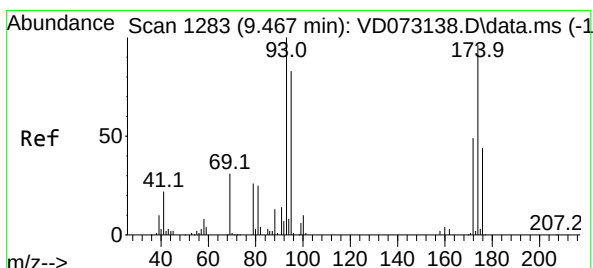
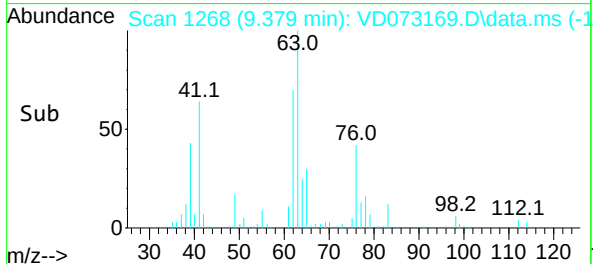
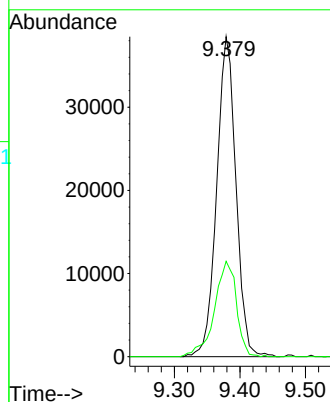
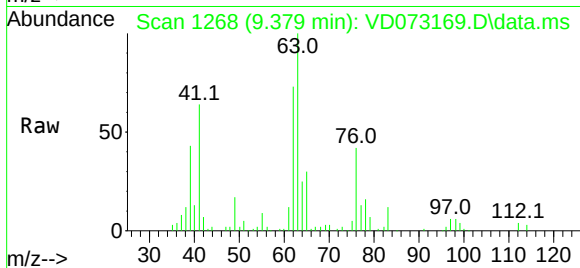
VD0519SBS03

Tgt Ion: 63 Resp: 78313

Ion Ratio Lower Upper

63 100

65 29.8 26.2 39.4



#46

Dibromomethane

Concen: 21.541 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

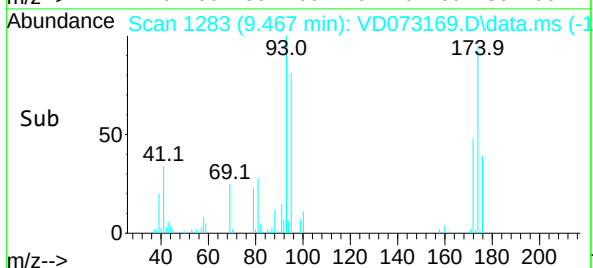
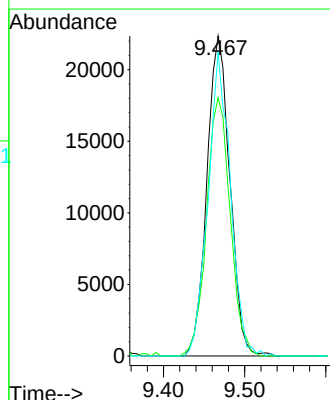
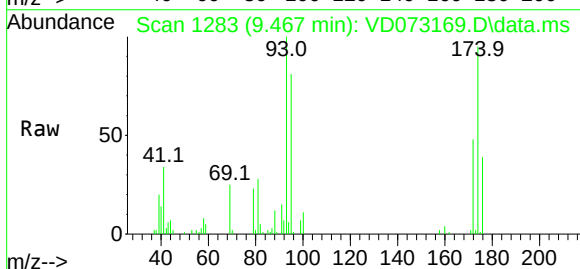
Tgt Ion: 93 Resp: 44018

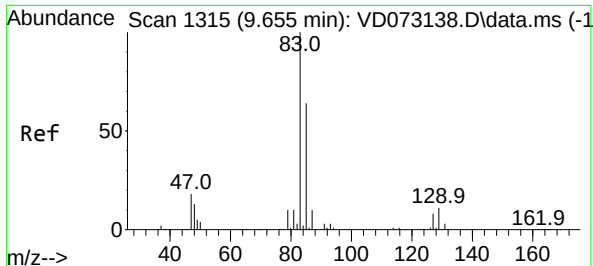
Ion Ratio Lower Upper

93 100

95 83.0 66.7 100.1

174 92.7 71.6 107.4

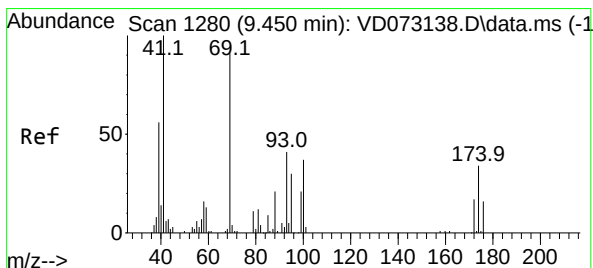
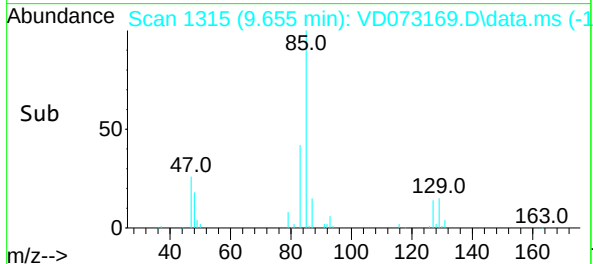
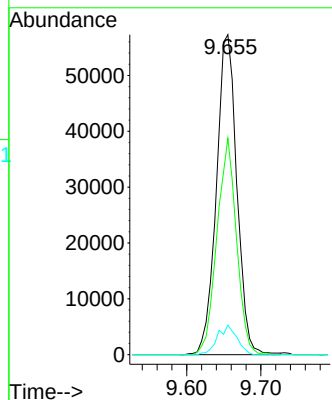
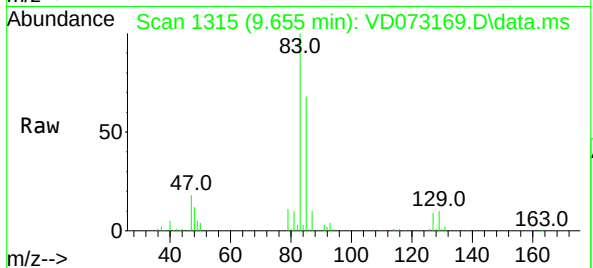




#47
Bromodichloromethane
Concen: 21.067 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

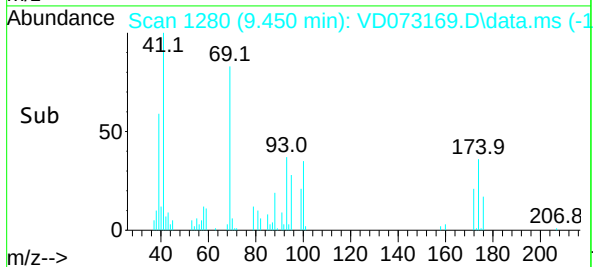
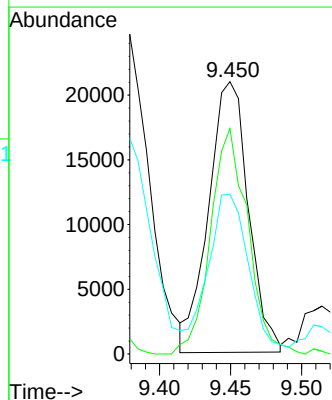
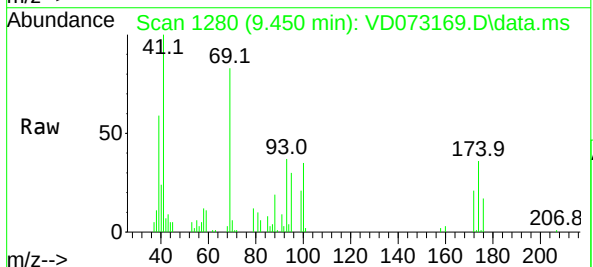
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

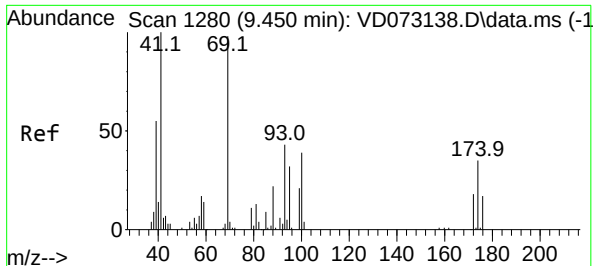
Tgt Ion: 83 Resp: 110150
Ion Ratio Lower Upper
83 100
85 67.7 51.4 77.0
127 9.2 6.1 9.1#



#48
Methyl methacrylate
Concen: 21.675 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 41 Resp: 40812
Ion Ratio Lower Upper
41 100
69 77.9 56.7 85.1
39 61.5 42.7 64.1





#49

1,4-Dioxane

Concen: 402.989 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS03

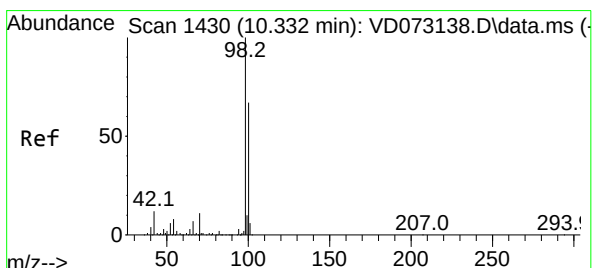
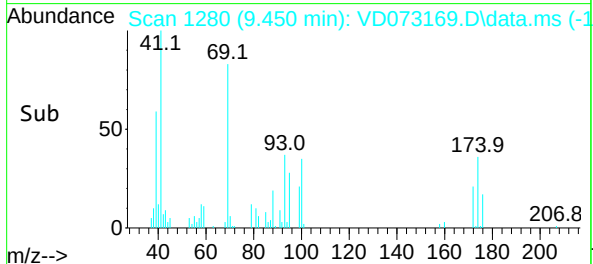
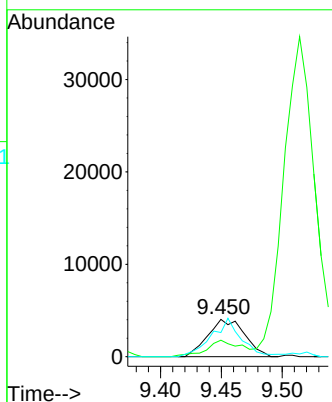
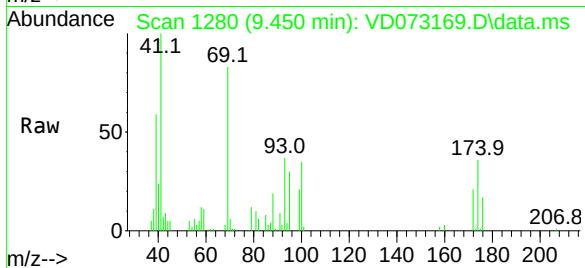
Tgt Ion: 88 Resp: 8504

Ion Ratio Lower Upper

88 100

43 40.3 31.0 46.4

58 82.2 58.1 87.1



#50

Toluene-d8

Concen: 50.518 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073169.D

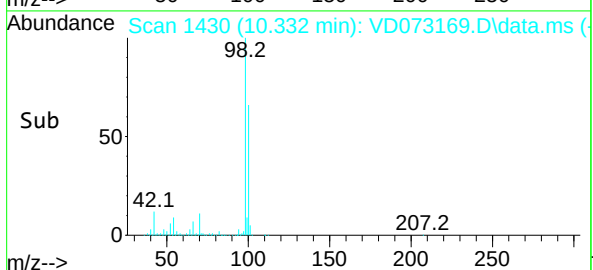
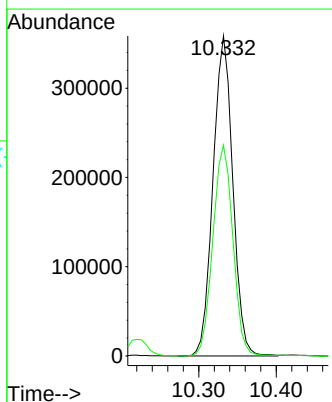
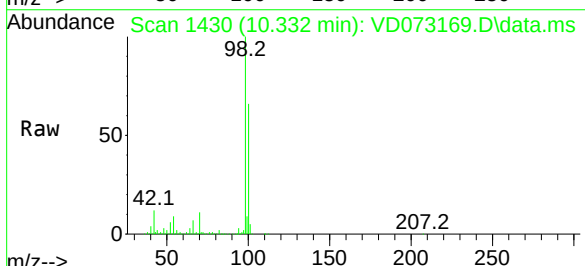
Acq: 20 May 2022 07:15

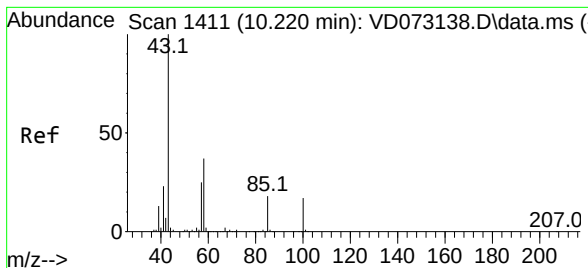
Tgt Ion: 98 Resp: 634718

Ion Ratio Lower Upper

98 100

100 67.0 52.4 78.6

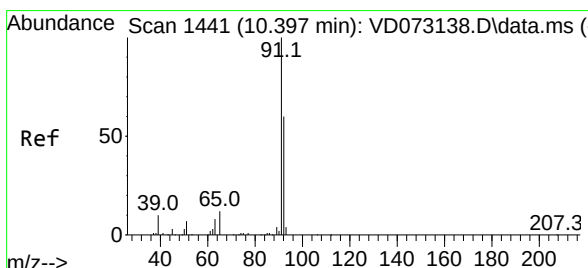
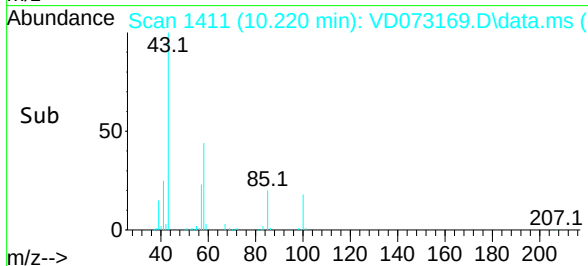
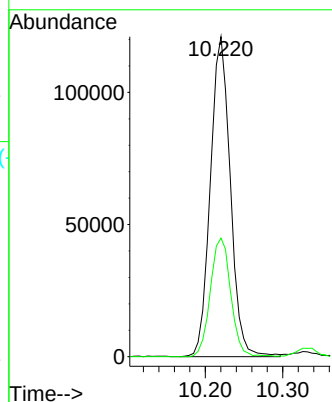
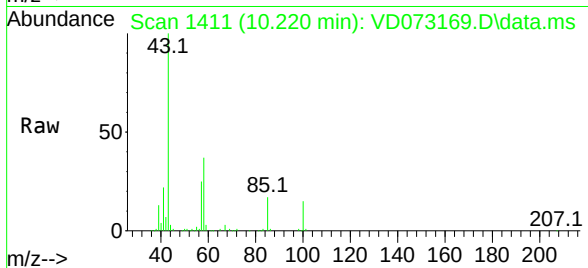




#51
4-Methyl-2-Pentanone
Concen: 111.558 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

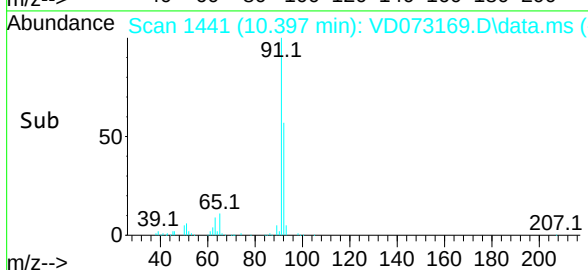
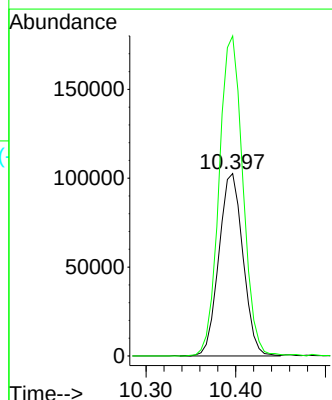
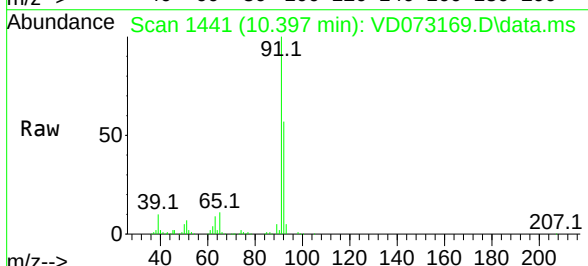
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

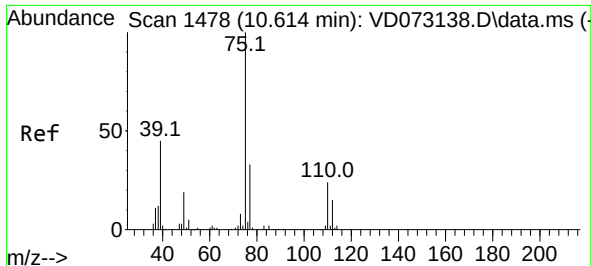
Tgt Ion: 43 Resp: 216850
Ion Ratio Lower Upper
43 100
58 37.8 28.6 43.0



#52
Toluene
Concen: 20.458 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 92 Resp: 190991
Ion Ratio Lower Upper
92 100
91 173.6 139.6 209.4

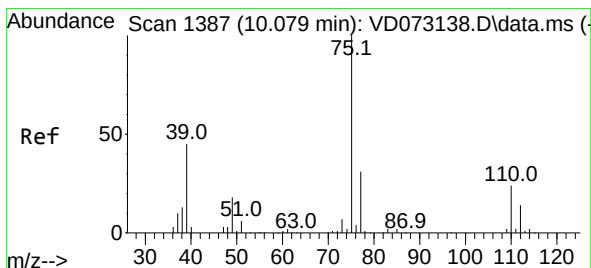
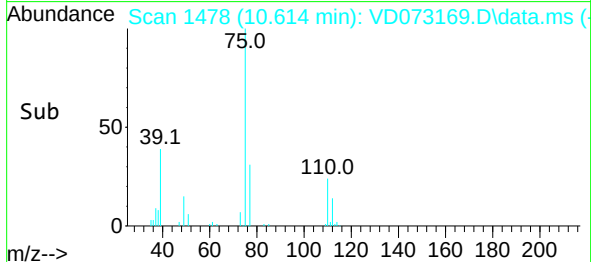
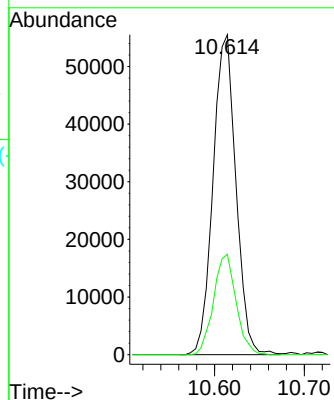
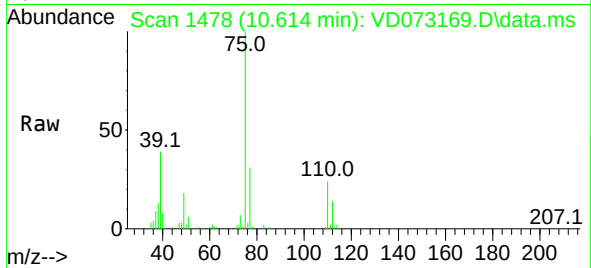




#53
t-1,3-Dichloropropene
Concen: 20.767 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

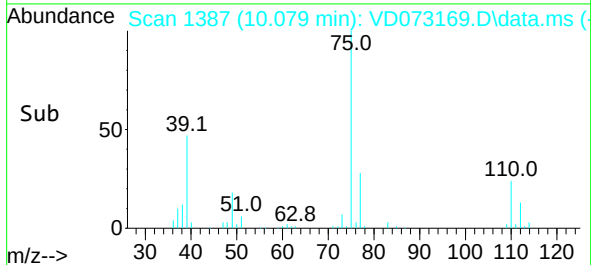
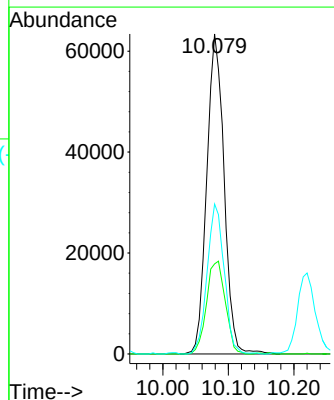
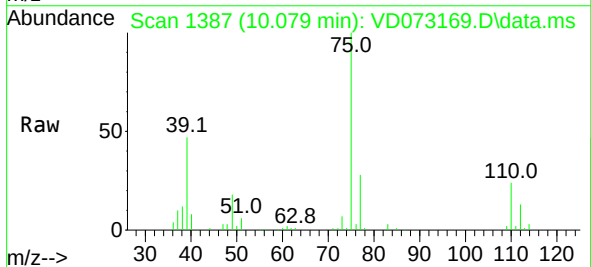
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

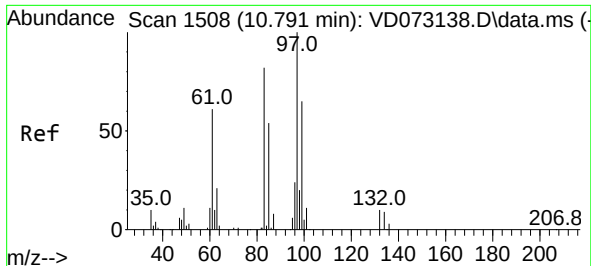
Tgt Ion: 75 Resp: 98092
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 20.603 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 75 Resp: 116460
Ion Ratio Lower Upper
75 100
77 28.2 24.8 37.2
39 46.8 46.8 70.2

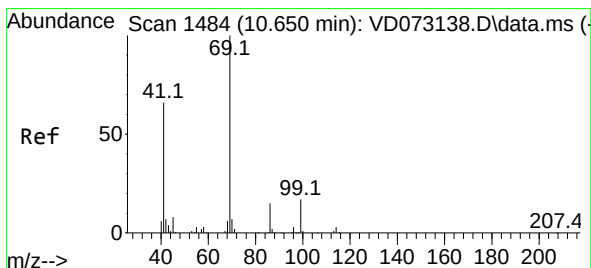
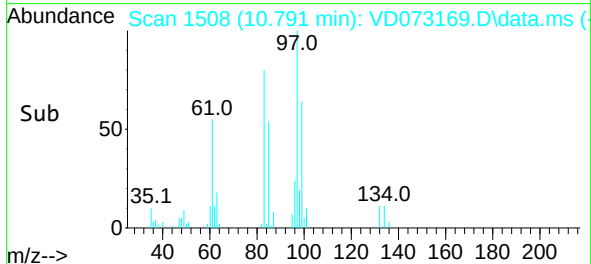
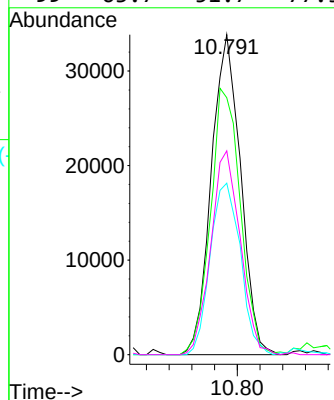
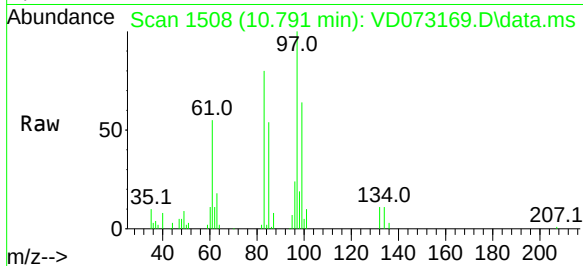




#55
1,1,2-Trichloroethane
Concen: 21.929 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

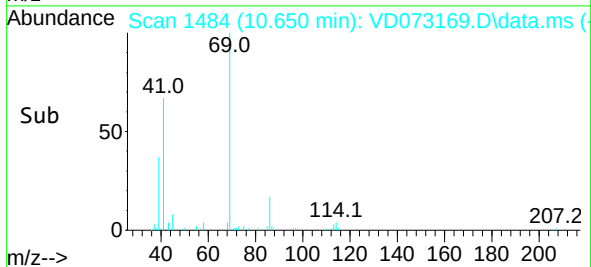
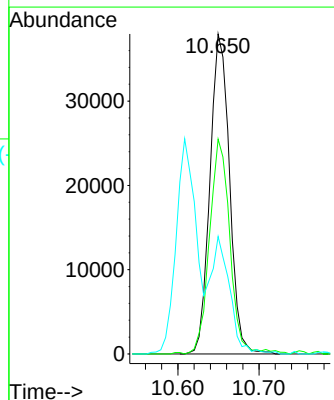
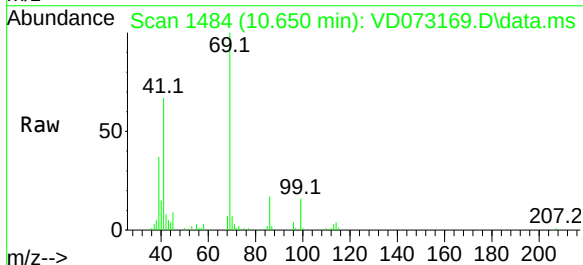
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

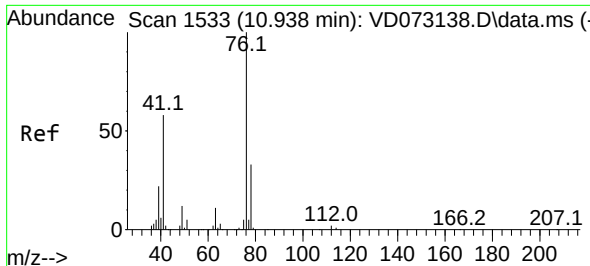
Tgt Ion:	97	Resp:	60594
Ion	Ratio	Lower	Upper
97	100		
83	80.3	69.0	103.4
85	53.6	42.6	63.8
99	63.7	51.7	77.5



#56
Ethyl methacrylate
Concen: 20.683 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion:	69	Resp:	63543
Ion	Ratio	Lower	Upper
69	100		
41	70.3	63.0	94.6
39	36.3	33.8	50.8





#57

1,3-Dichloropropane

Concen: 22.234 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Instrument :

MSVOA_D

ClientSampleId :

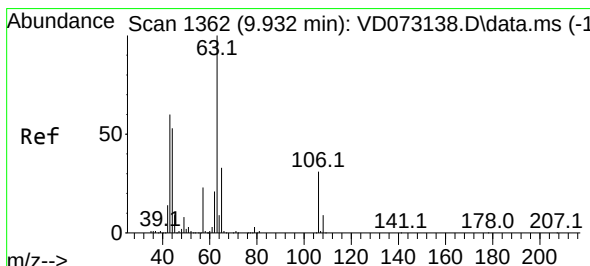
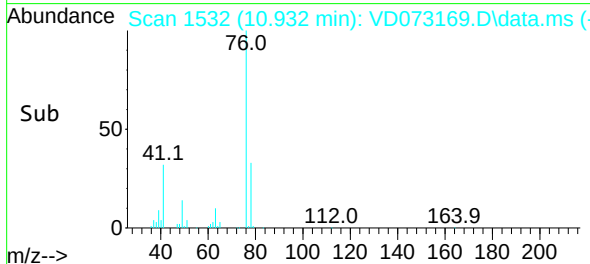
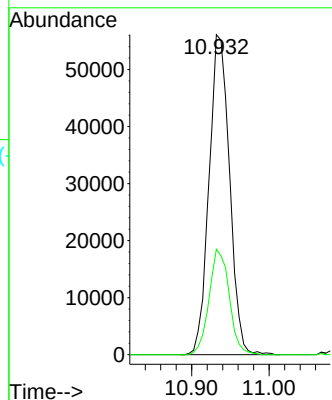
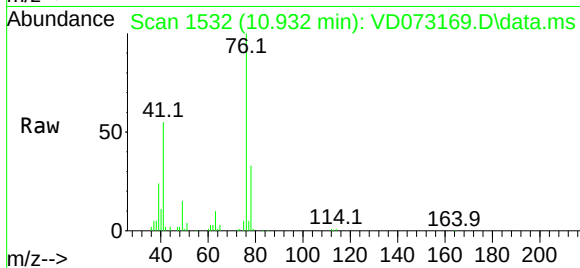
VD0519SBS03

Tgt Ion: 76 Resp: 103087

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 89.604 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073169.D

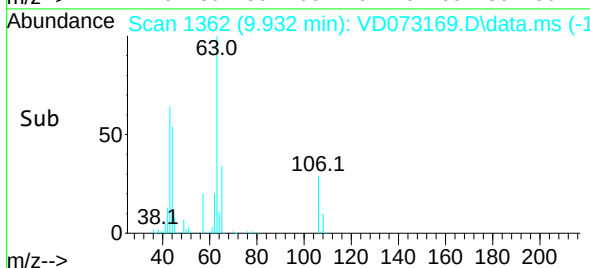
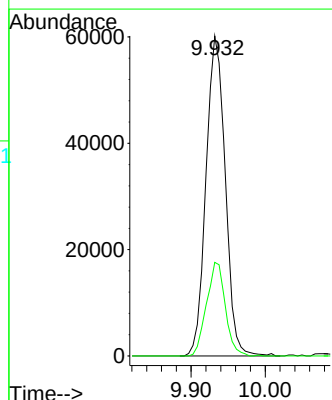
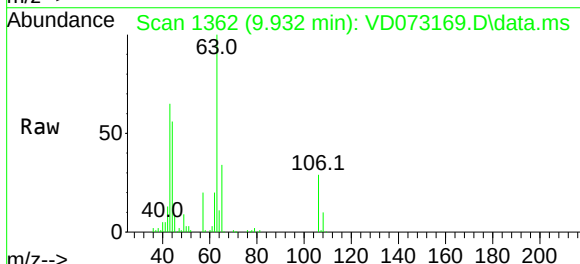
Acq: 20 May 2022 07:15

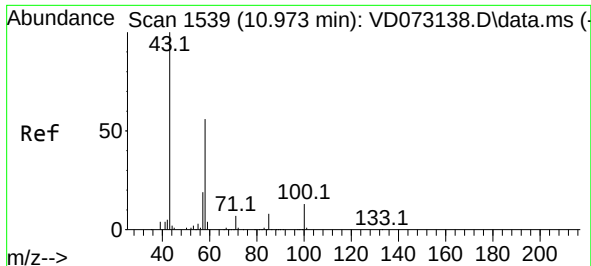
Tgt Ion: 63 Resp: 108625

Ion Ratio Lower Upper

63 100

106 28.5 21.4 32.0

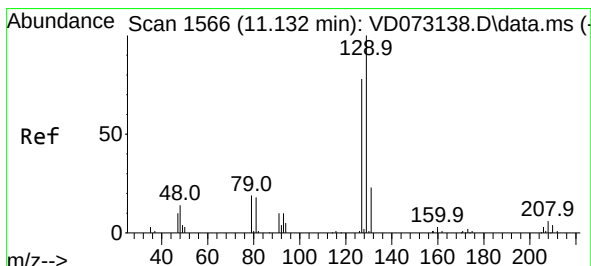
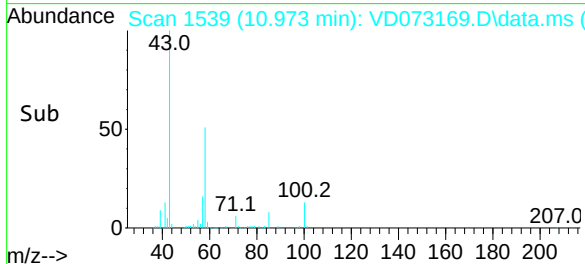
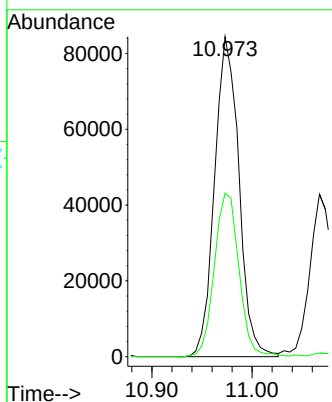
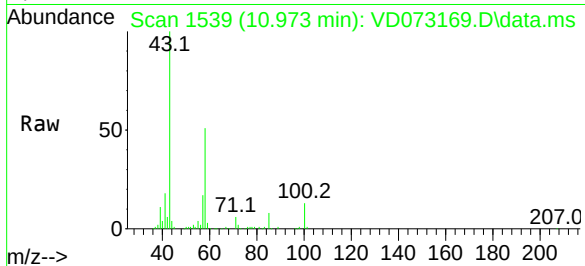




#59
2-Hexanone
Concen: 111.050 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

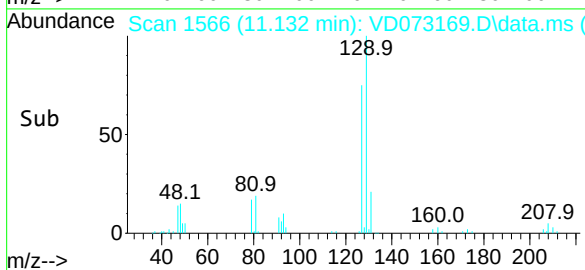
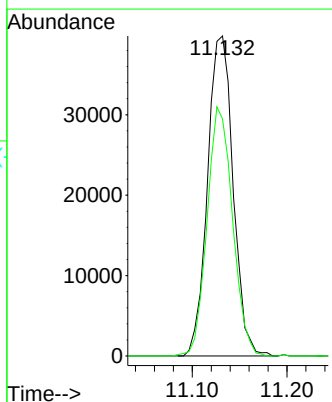
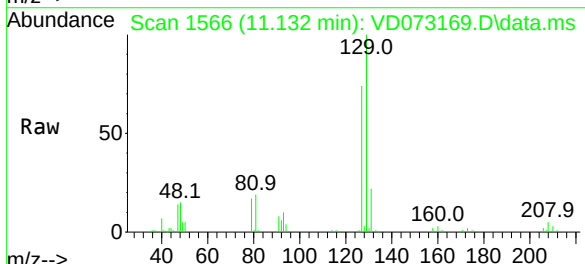
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

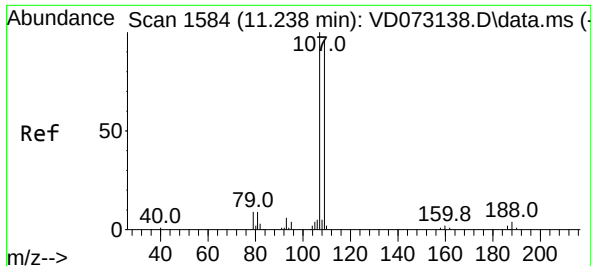
Tgt Ion: 43 Resp: 142315
Ion Ratio Lower Upper
43 100
58 51.6 25.3 75.9



#60
Dibromochloromethane
Concen: 21.662 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 129 Resp: 74636
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

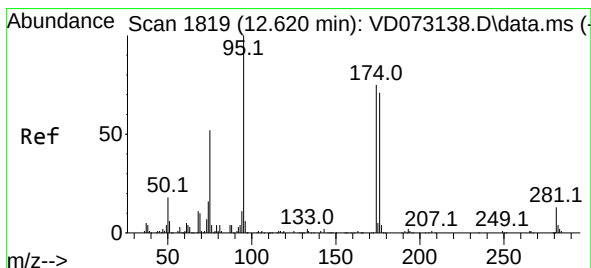
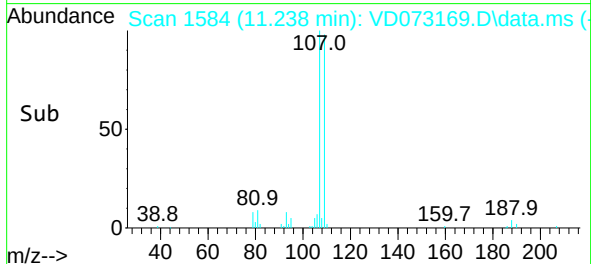
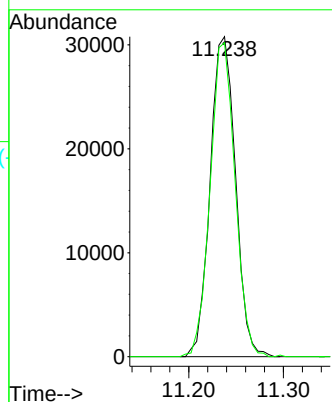
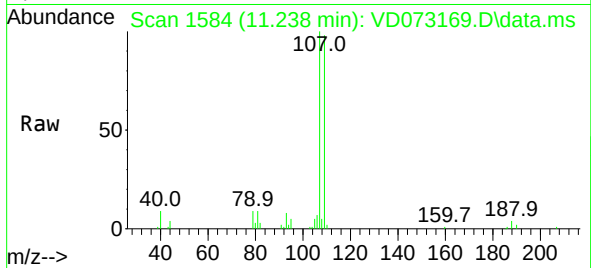




#61
1,2-Dibromoethane
Concen: 21.670 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

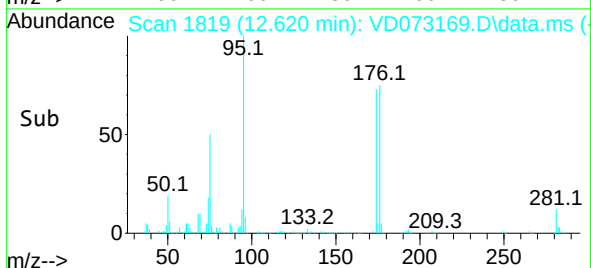
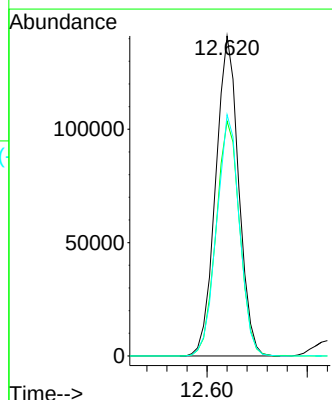
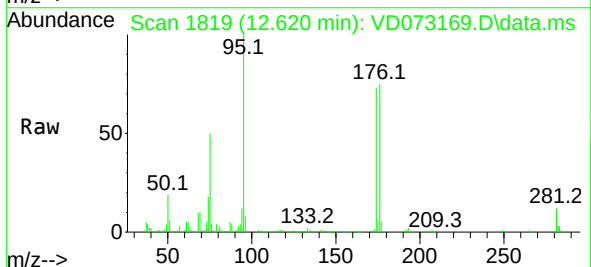
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

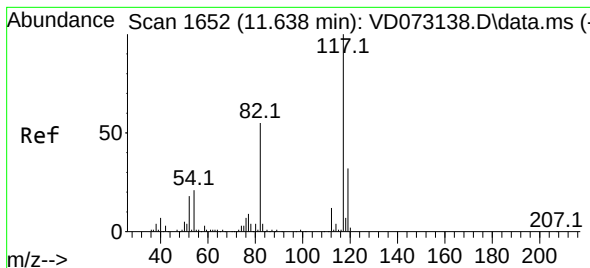
Tgt Ion:107 Resp: 57218
Ion Ratio Lower Upper
107 100
109 96.6 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.951 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 95 Resp: 224660
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.8
176 74.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS03

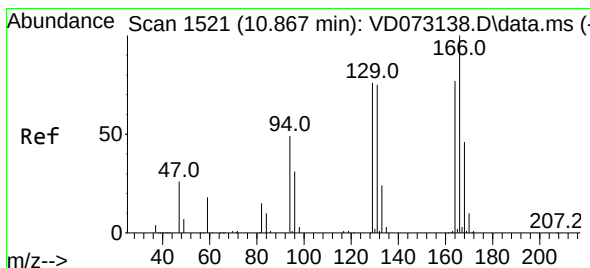
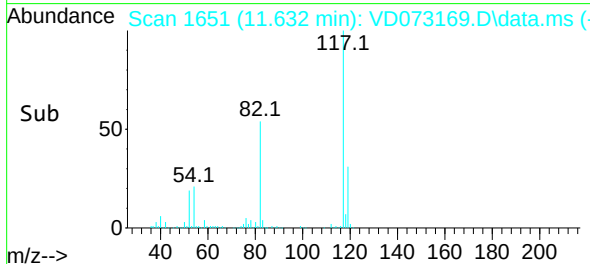
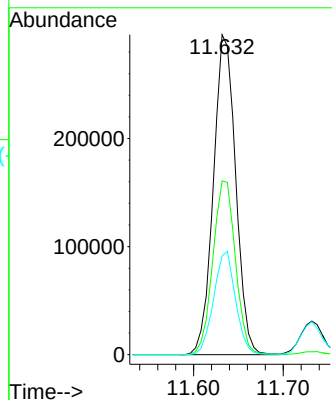
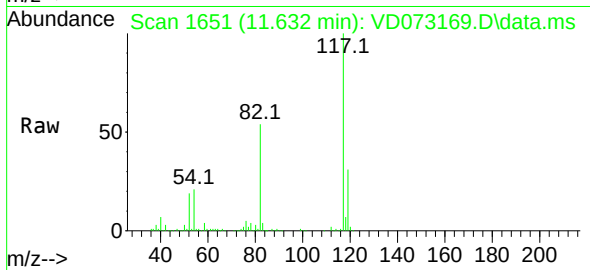
Tgt Ion:117 Resp: 511382

Ion Ratio Lower Upper

117 100

82 54.3 45.3 67.9

119 30.9 26.6 40.0



#64

Tetrachloroethene

Concen: 18.811 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Tgt Ion:164 Resp: 63007

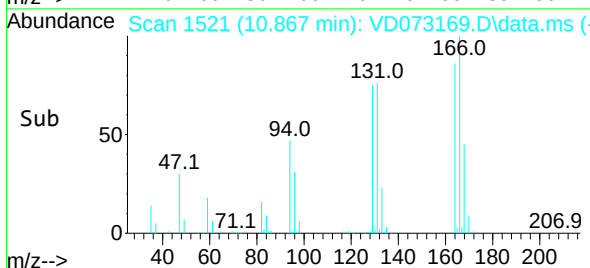
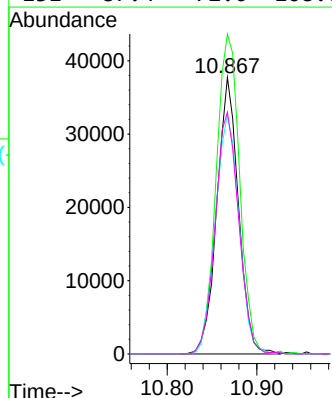
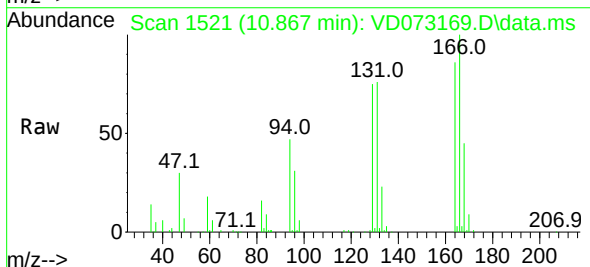
Ion Ratio Lower Upper

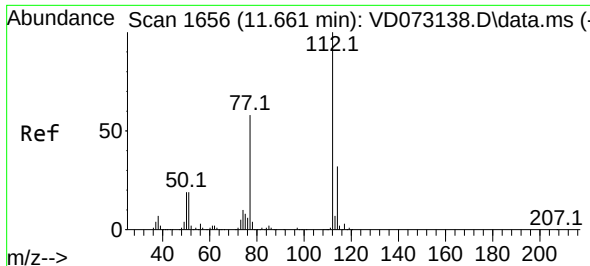
164 100

166 115.7 98.5 147.7

129 86.3 74.6 111.8

131 87.4 72.0 108.0

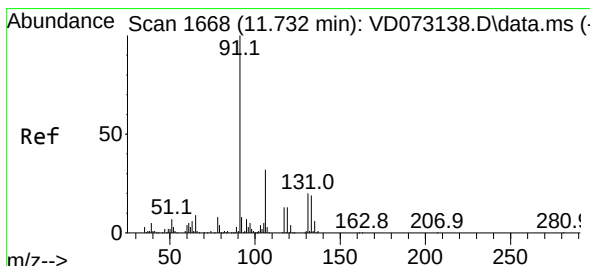
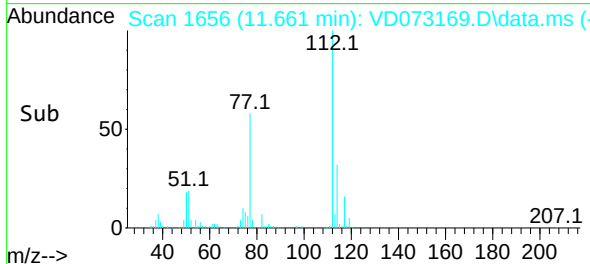
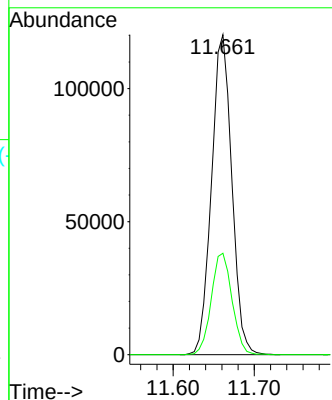
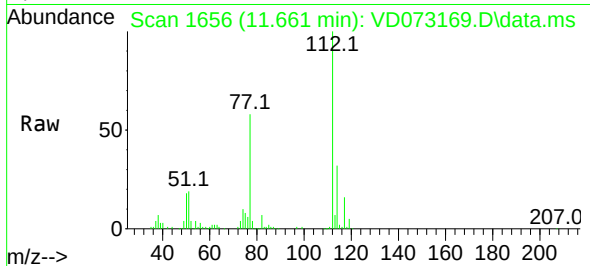




#65
Chlorobenzene
Concen: 19.895 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

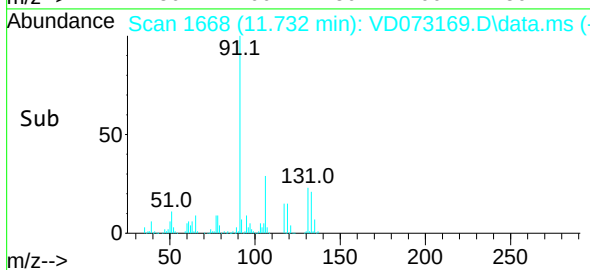
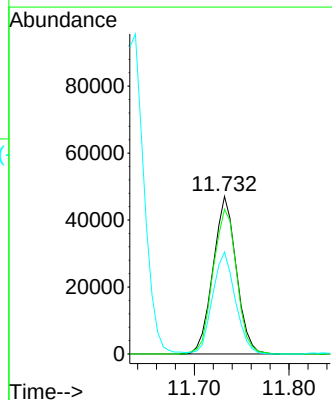
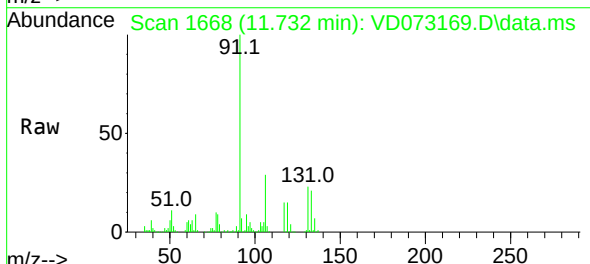
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

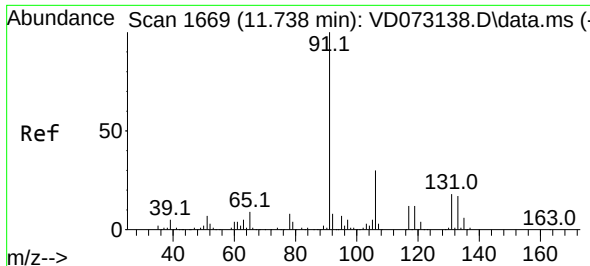
Tgt Ion:112 Resp: 208716
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.645 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion:131 Resp: 80323
Ion Ratio Lower Upper
131 100
133 93.4 48.1 144.3
119 63.5 31.9 95.9

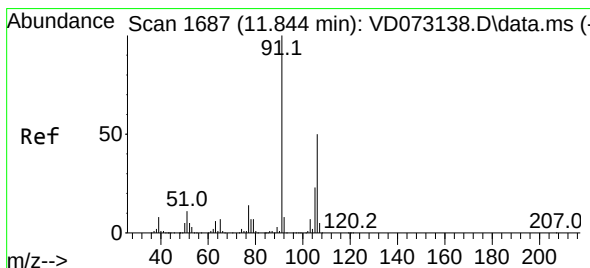
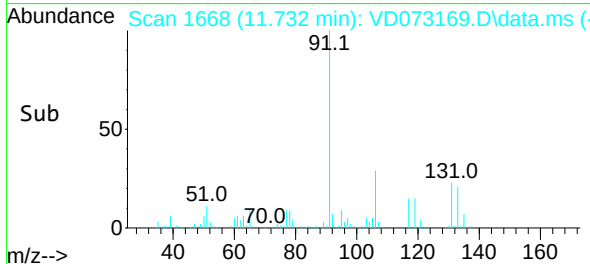
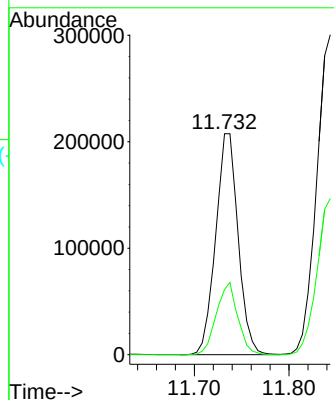
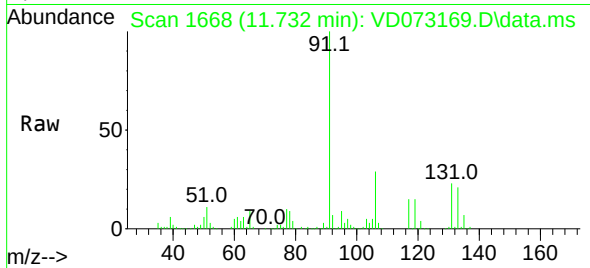




#67
Ethyl Benzene
Concen: 18.623 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

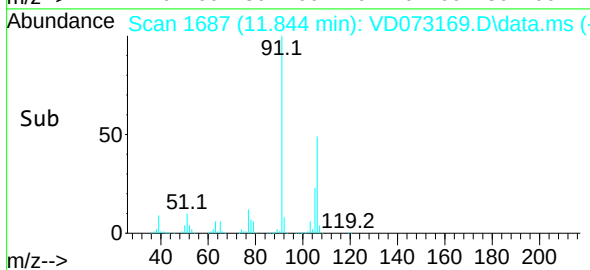
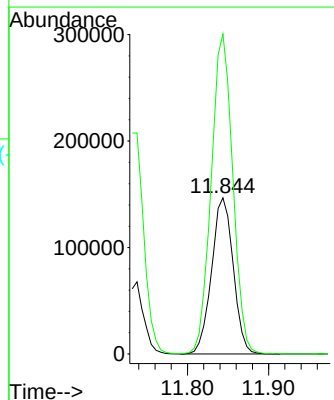
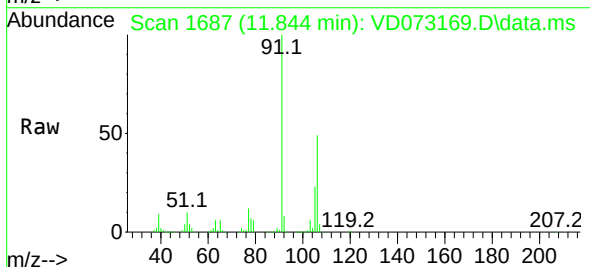
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

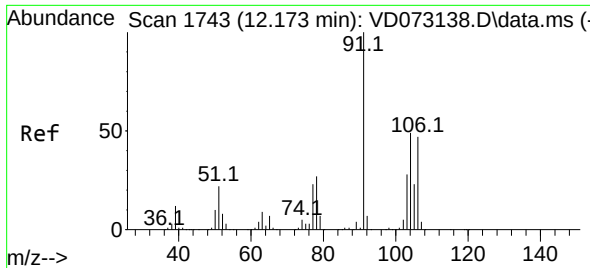
Tgt Ion: 91 Resp: 342976
Ion Ratio Lower Upper
91 100
106 29.5 24.2 36.4



#68
m/p-Xylenes
Concen: 37.966 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 106 Resp: 271650
Ion Ratio Lower Upper
106 100
91 204.5 163.7 245.5

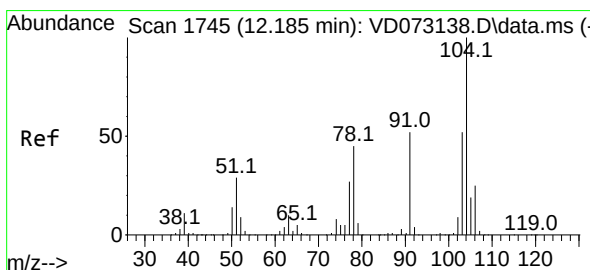
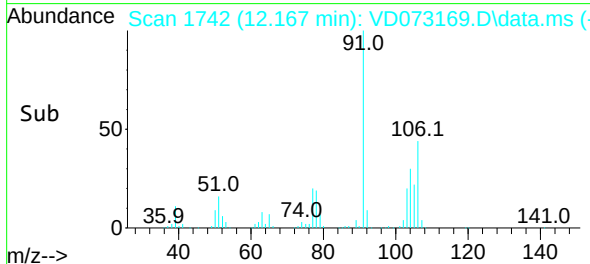
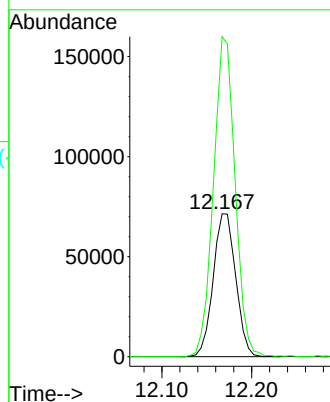
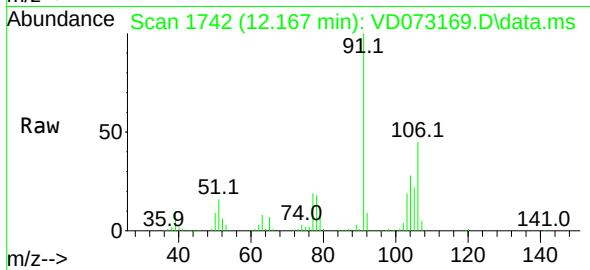




#69
o-Xylene
Concen: 18.896 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

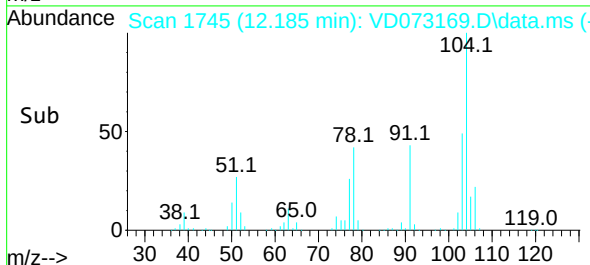
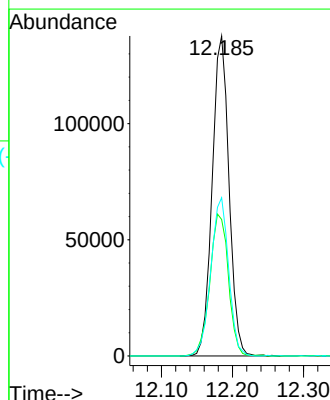
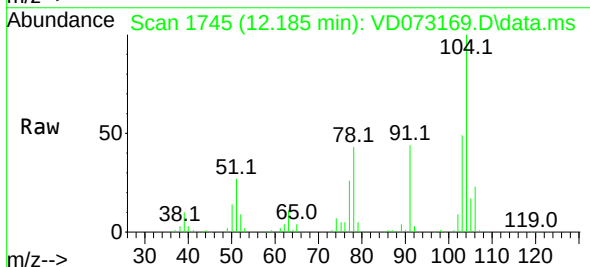
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

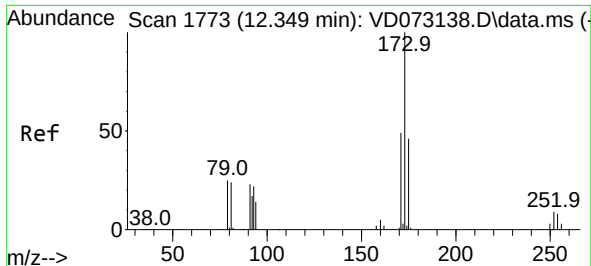
Tgt Ion:106 Resp: 124202
Ion Ratio Lower Upper
106 100
91 216.3 110.4 331.2



#70
Styrene
Concen: 19.991 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion:104 Resp: 226070
Ion Ratio Lower Upper
104 100
78 49.0 41.8 62.8
103 52.7 44.2 66.4

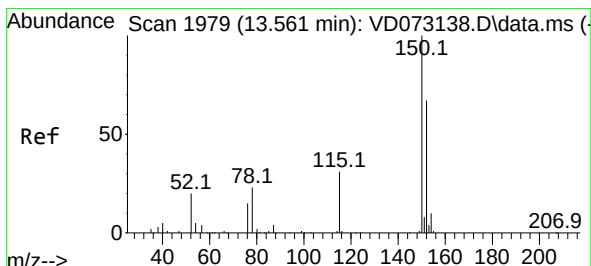
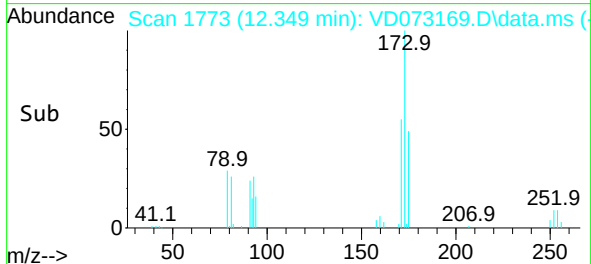
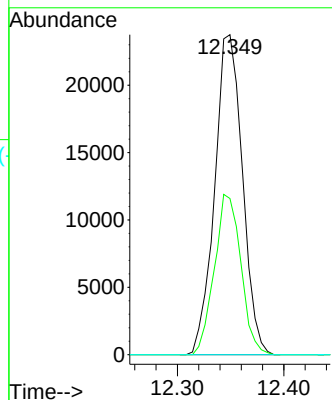
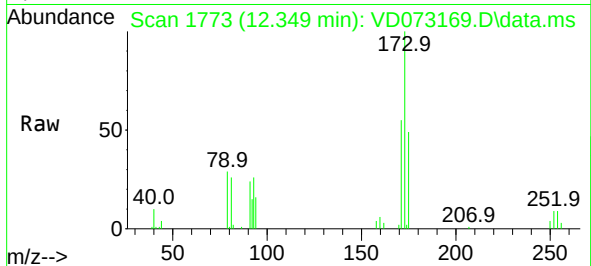




#71
Bromoform
Concen: 21.463 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

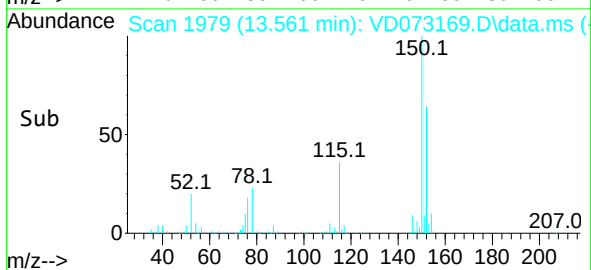
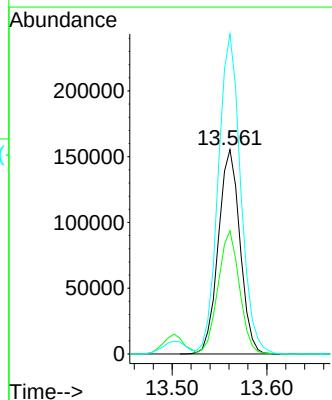
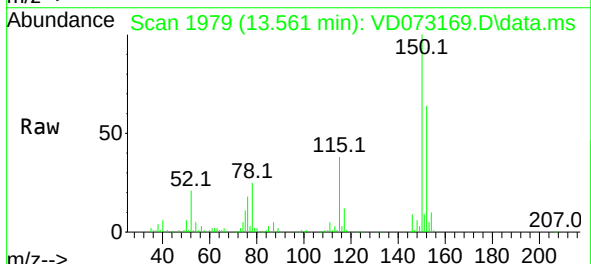
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

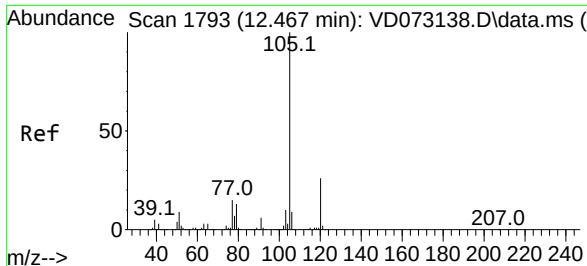
Tgt Ion:173 Resp: 42979
Ion Ratio Lower Upper
173 100
175 47.8 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion:152 Resp: 247102
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 162.2 0.0 348.6

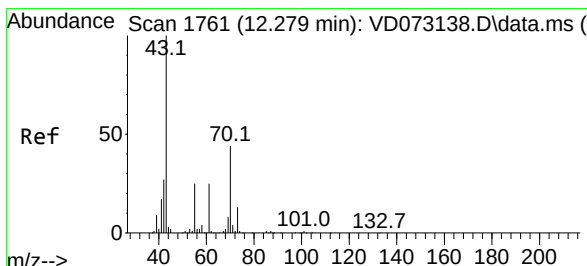
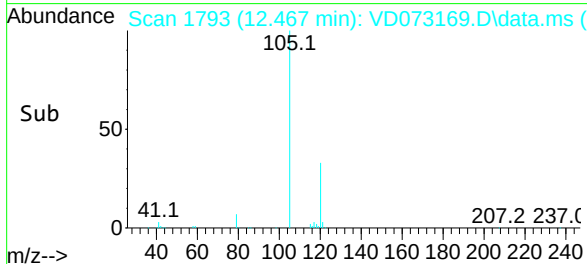
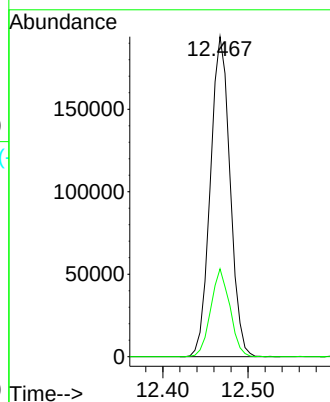
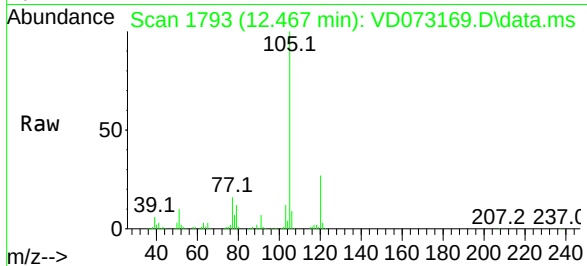




#73
Isopropylbenzene
Concen: 17.744 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

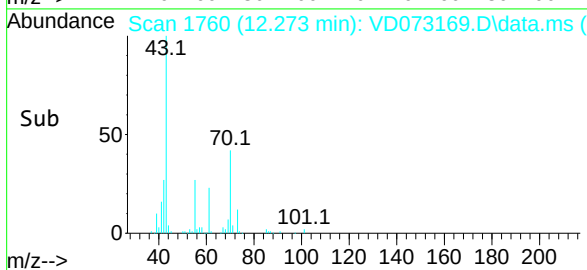
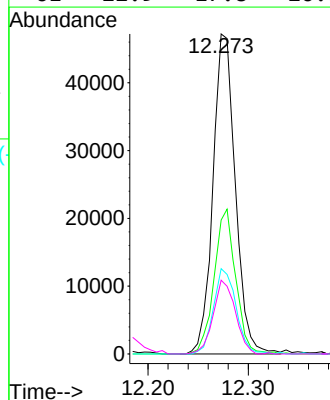
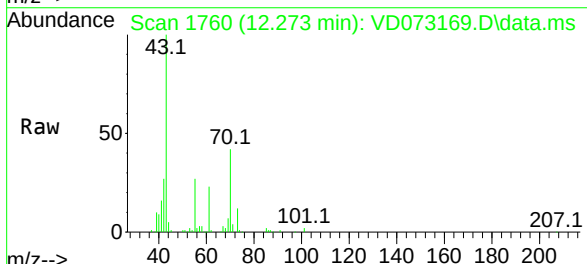
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

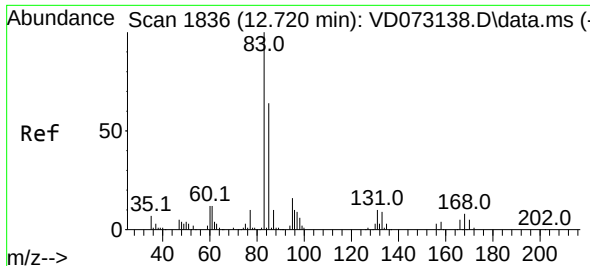
Tgt Ion:105 Resp: 312577
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9



#74
N-ethyl acetate
Concen: 19.051 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 43 Resp: 73213
Ion Ratio Lower Upper
43 100
70 43.7 31.3 46.9
55 26.8 20.0 30.0
61 22.9 17.8 26.8

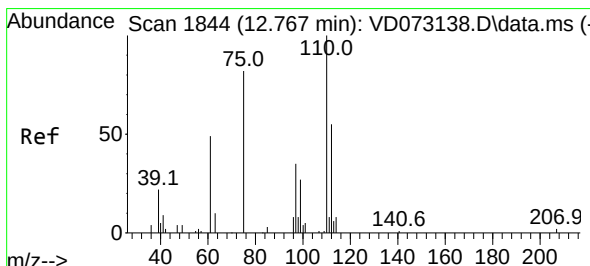
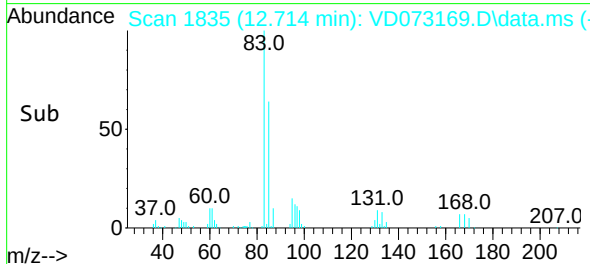
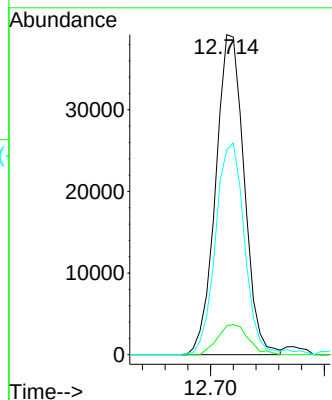
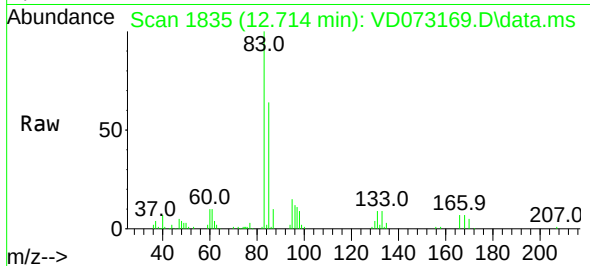




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.048 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073169.D
 Acq: 20 May 2022 07:15

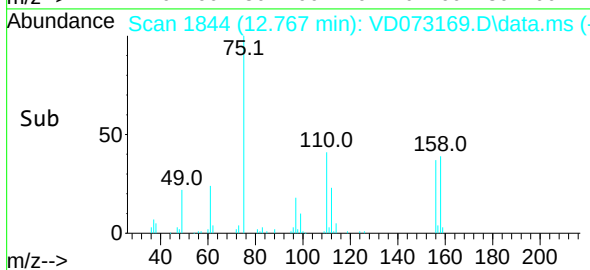
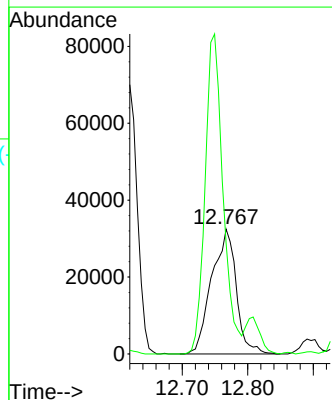
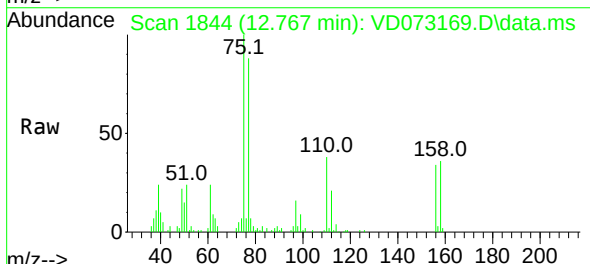
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS03

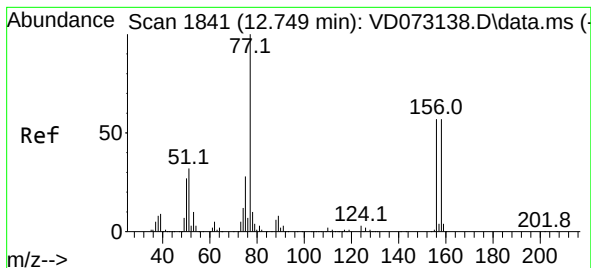
Tgt Ion: 83 Resp: 68382
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 66.7 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 34.848 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073169.D
 Acq: 20 May 2022 07:15

Tgt Ion: 75 Resp: 84489
 Ion Ratio Lower Upper
 75 100
 77 188.0 0.0 0.0#





#77

Bromobenzene

Concen: 19.971 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS03

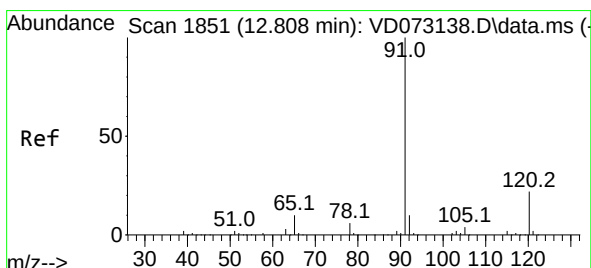
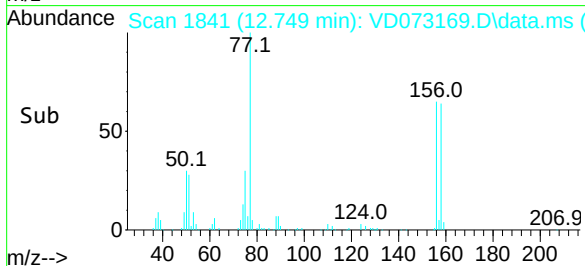
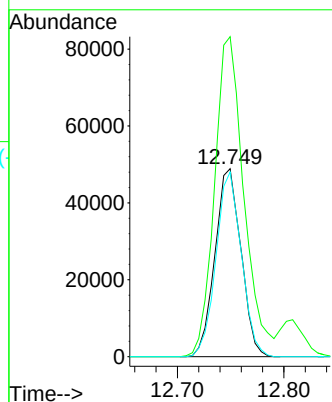
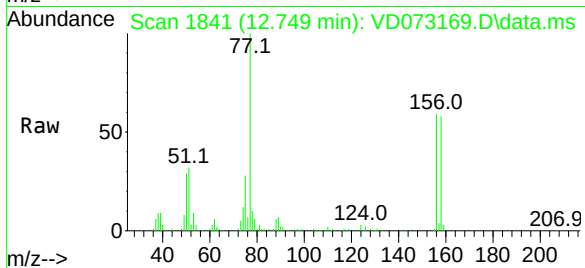
Tgt Ion:156 Resp: 82816

Ion Ratio Lower Upper

156 100

77 191.8 102.8 308.3

158 95.8 48.7 146.1



#78

n-propylbenzene

Concen: 18.149 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073169.D

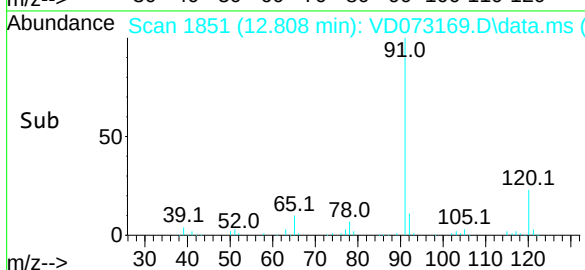
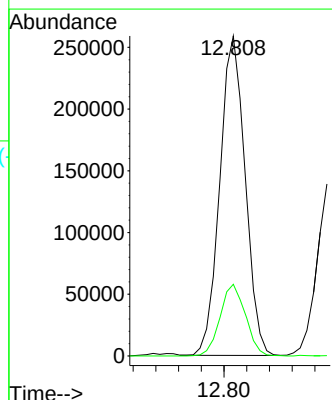
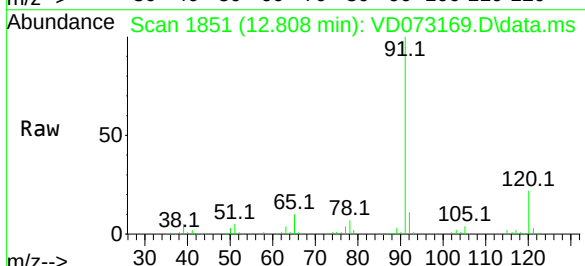
Acq: 20 May 2022 07:15

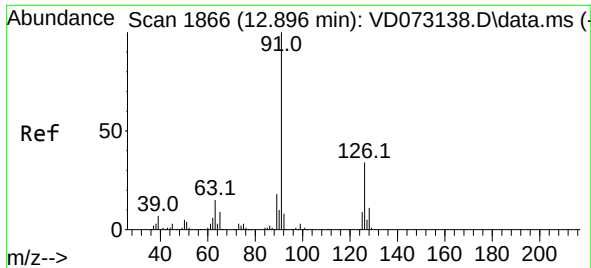
Tgt Ion: 91 Resp: 401363

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.9

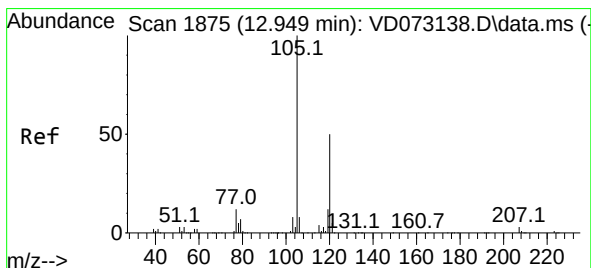
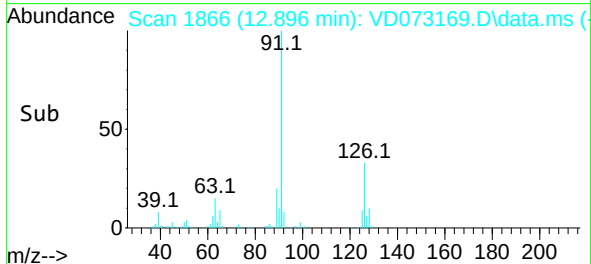
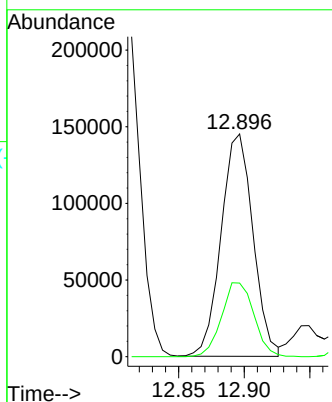
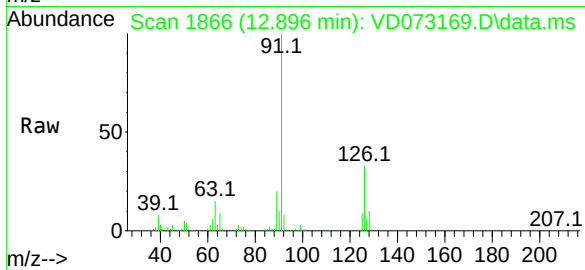




#79
2-Chlorotoluene
Concen: 19.223 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

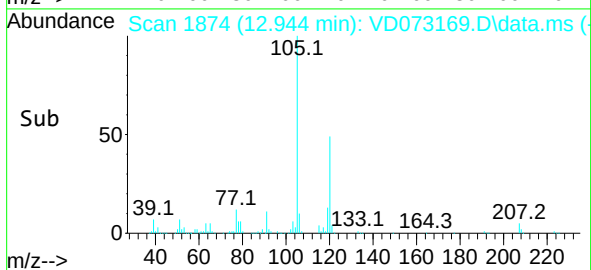
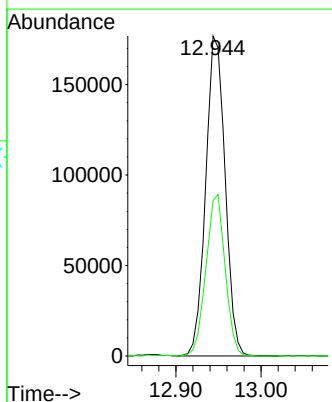
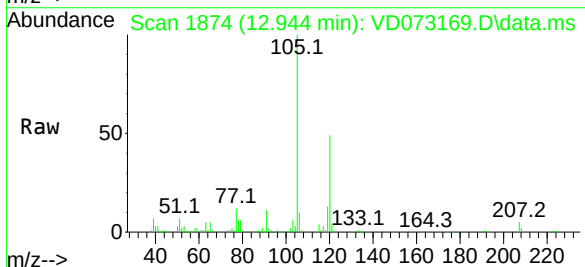
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

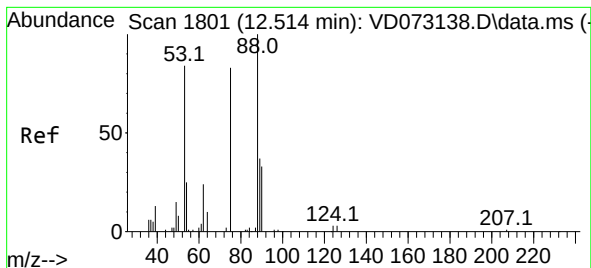
Tgt Ion: 91 Resp: 245462
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 18.734 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.005 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 105 Resp: 279550
Ion Ratio Lower Upper
105 100
120 50.0 24.3 72.8

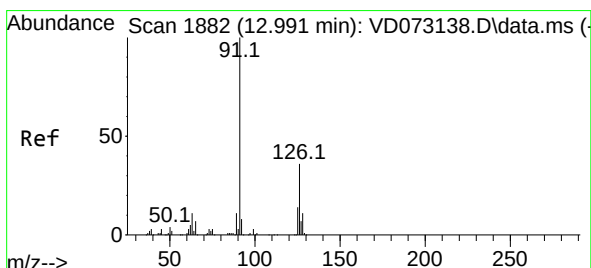
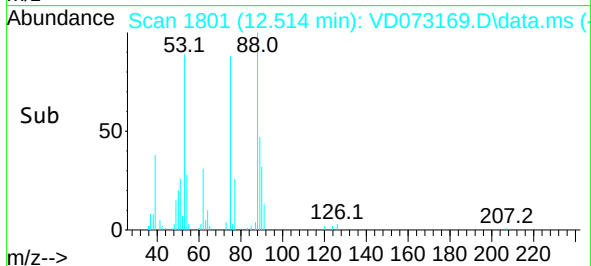
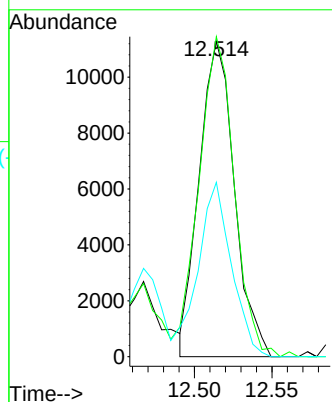
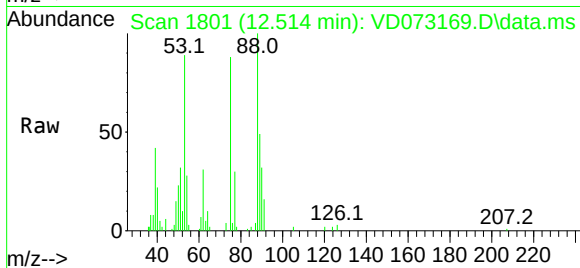




#81
trans-1,4-Dichloro-2-butene
Concen: 17.617 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

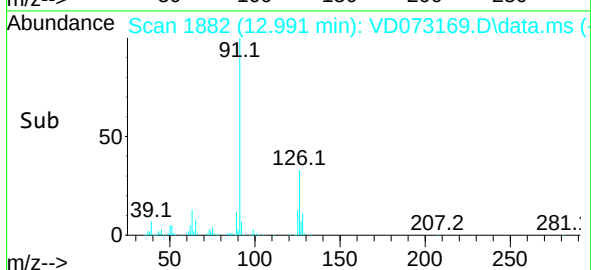
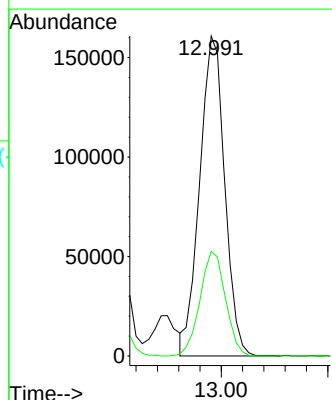
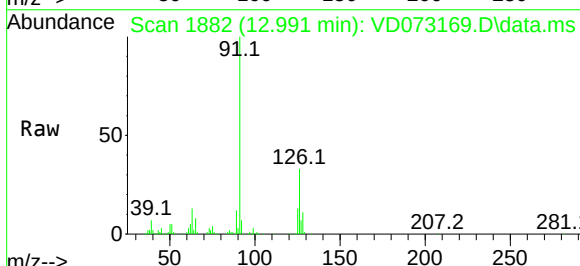
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

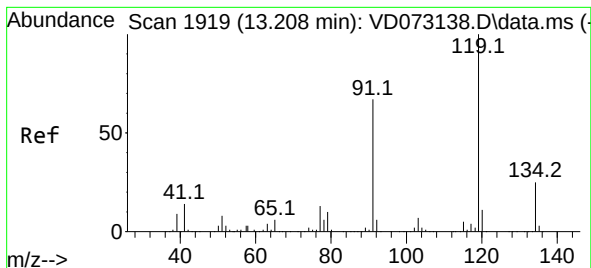
Tgt Ion: 75 Resp: 17792
Ion Ratio Lower Upper
75 100
53 102.6 86.5 129.7
89 52.7 33.9 50.9#



#82
4-Chlorotoluene
Concen: 19.561 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 91 Resp: 261804
Ion Ratio Lower Upper
91 100
126 33.3 16.5 49.5





#83

tert-Butylbenzene

Concen: 17.278 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS03

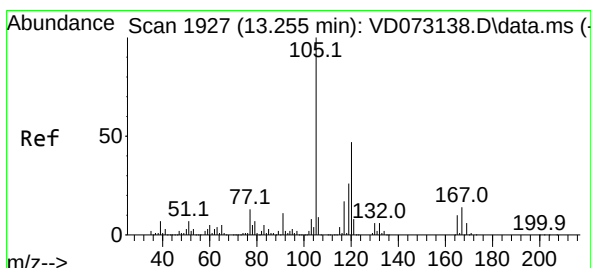
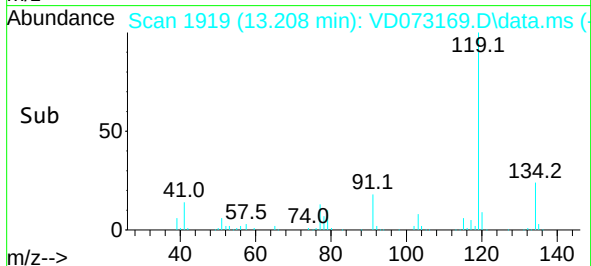
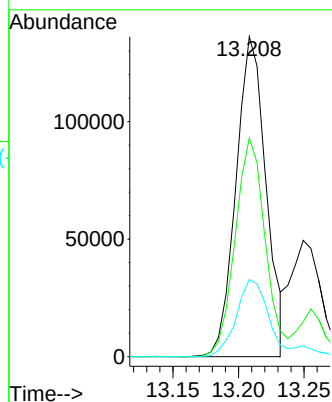
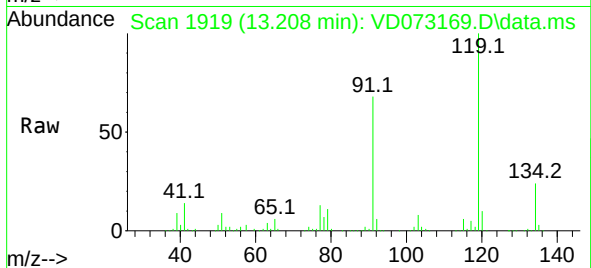
Tgt Ion:119 Resp: 217298

Ion Ratio Lower Upper

119 100

91 68.5 34.8 104.5

134 28.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.173 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073169.D

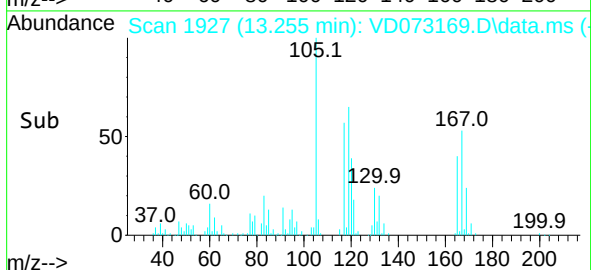
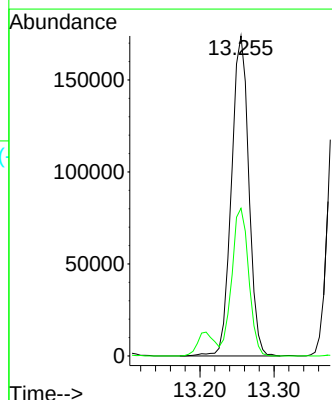
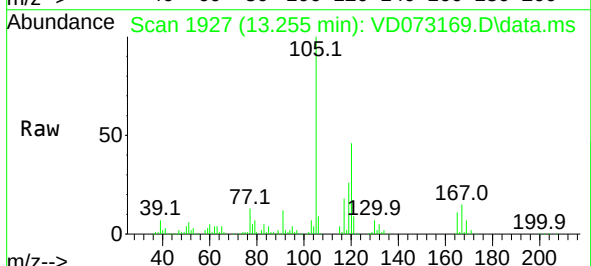
Acq: 20 May 2022 07:15

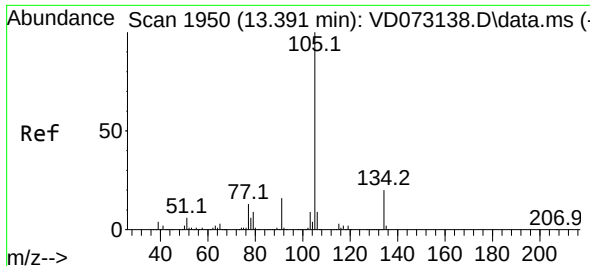
Tgt Ion:105 Resp: 282636

Ion Ratio Lower Upper

105 100

120 45.1 22.3 66.8

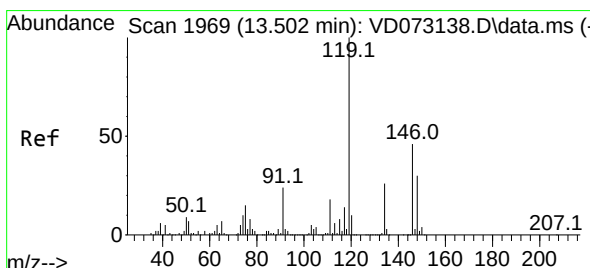
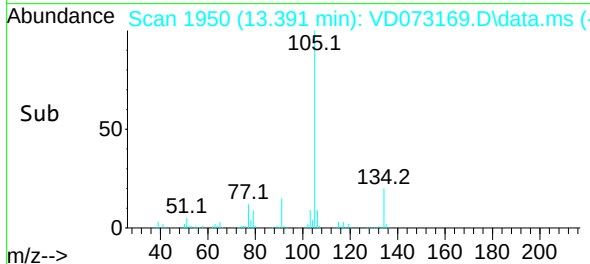
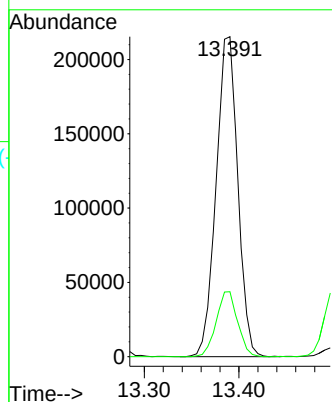
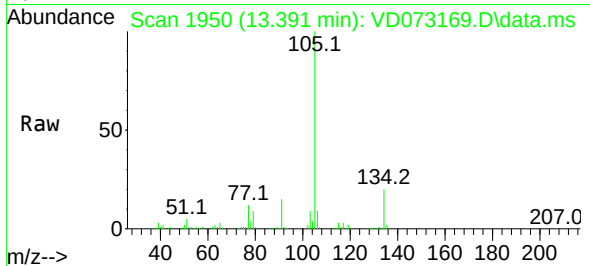




#85
 sec-Butylbenzene
 Concen: 17.865 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD073169.D
 Acq: 20 May 2022 07:15

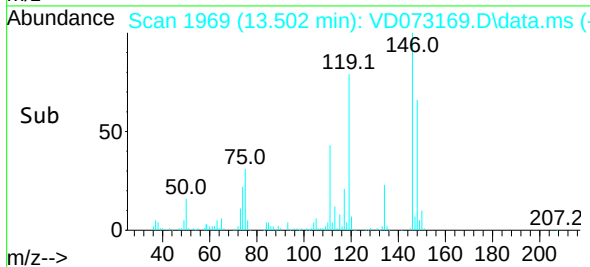
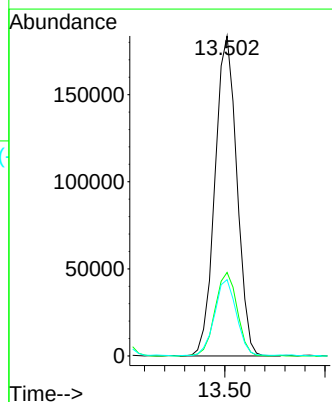
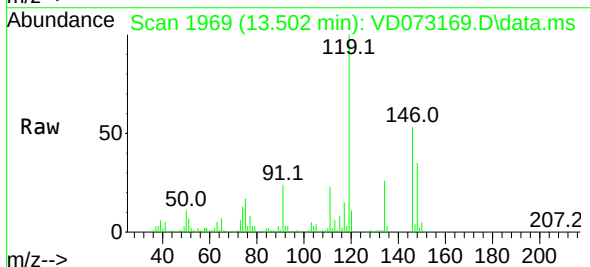
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS03

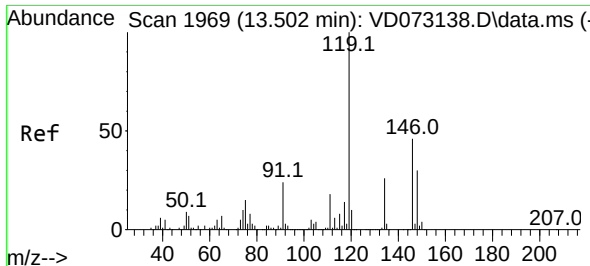
Tgt Ion:105 Resp: 343063
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 17.782 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073169.D
 Acq: 20 May 2022 07:15

Tgt Ion:119 Resp: 278348
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 24.2 12.1 36.3

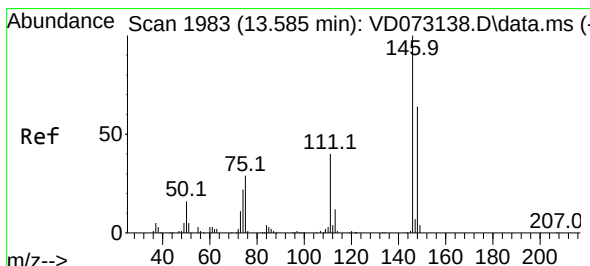
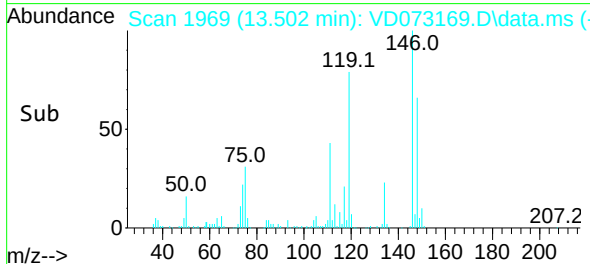
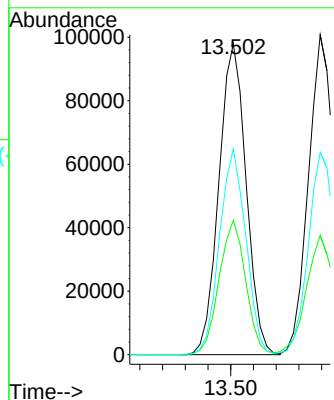
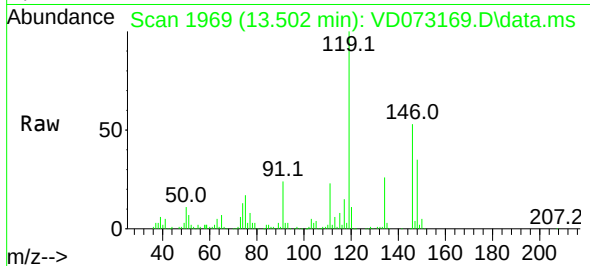




#87
1,3-Dichlorobenzene
Concen: 19.493 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

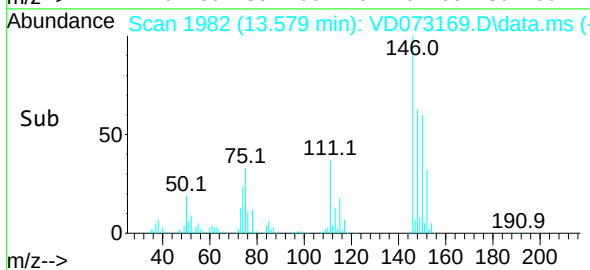
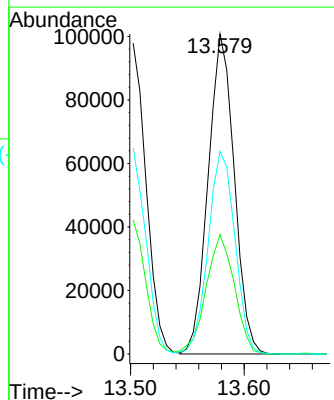
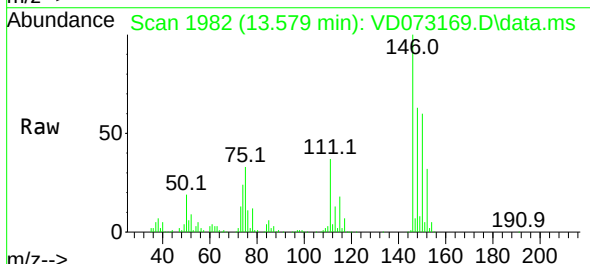
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

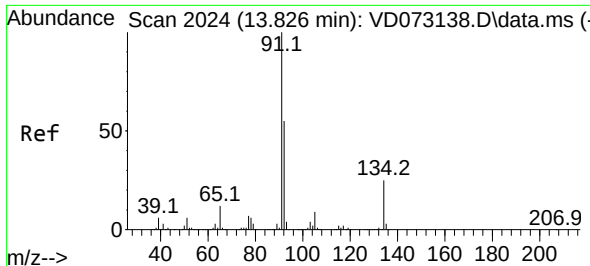
Tgt Ion:146 Resp: 162930
Ion Ratio Lower Upper
146 100
111 42.1 20.4 61.3
148 64.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.121 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion:146 Resp: 161334
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 65.1 31.7 95.1

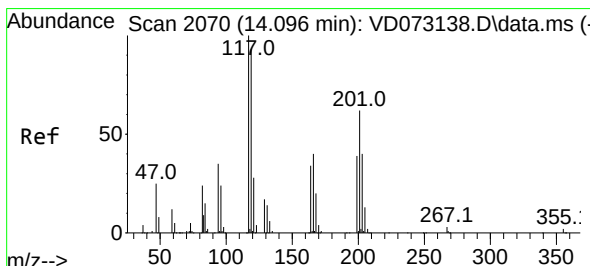
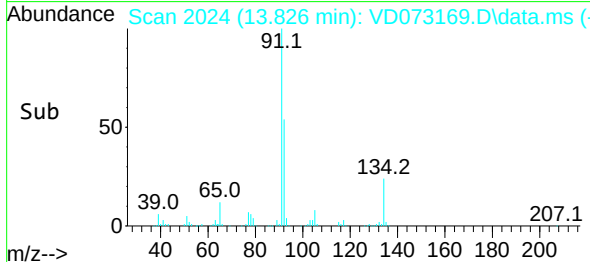
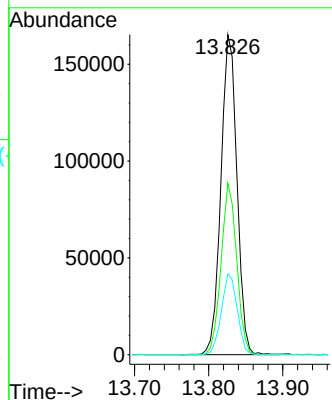
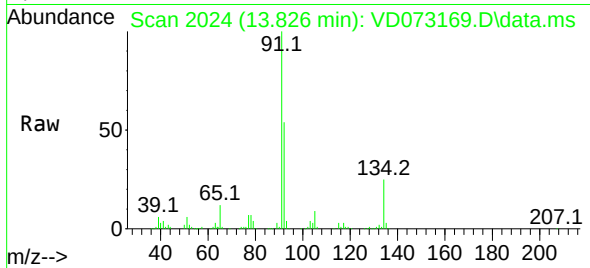




#89
n-Butylbenzene
Concen: 16.648 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

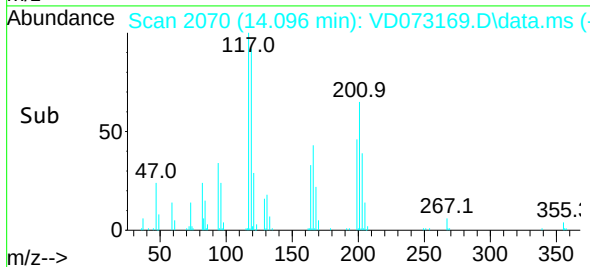
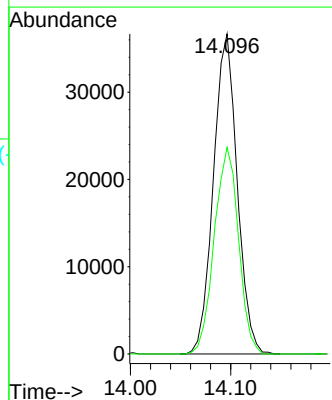
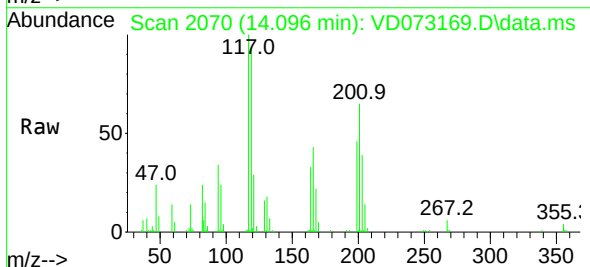
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

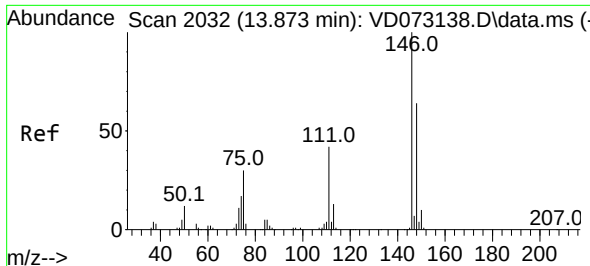
Tgt Ion: 91 Resp: 248309
Ion Ratio Lower Upper
91 100
92 52.0 26.6 79.8
134 24.9 12.3 36.9



#90
Hexachloroethane
Concen: 18.643 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 117 Resp: 60384
Ion Ratio Lower Upper
117 100
201 65.7 33.4 100.2

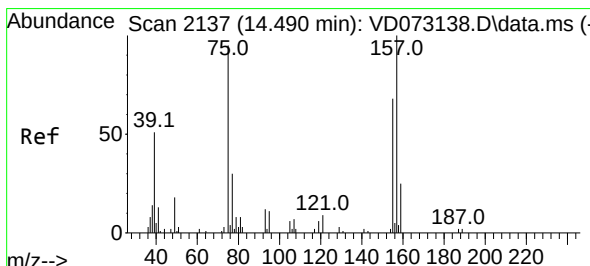
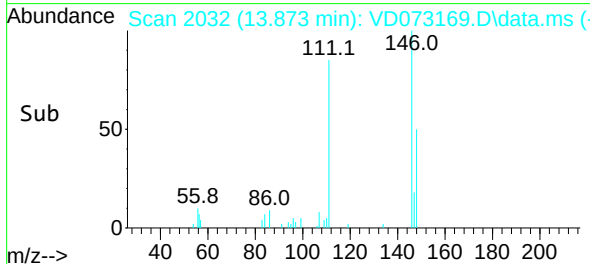
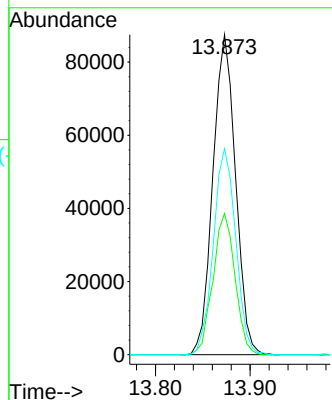
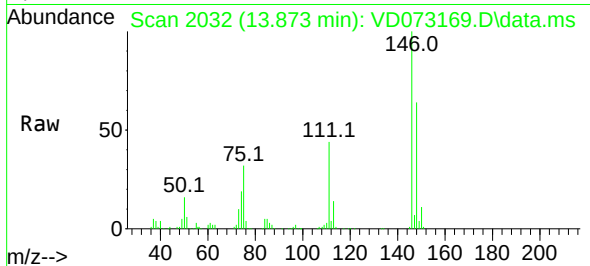




#91
1,2-Dichlorobenzene
Concen: 20.068 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

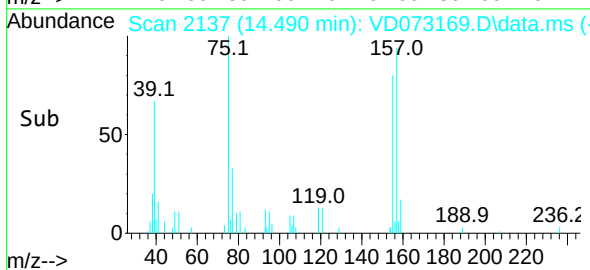
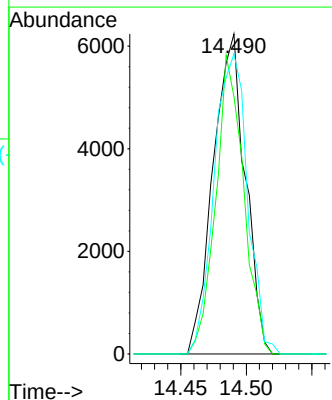
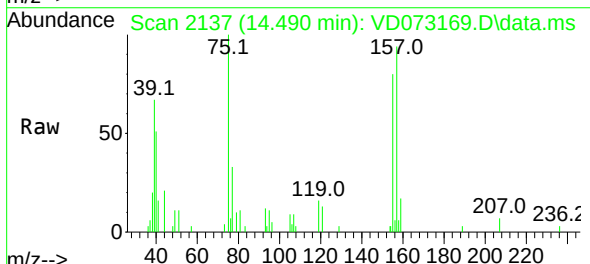
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

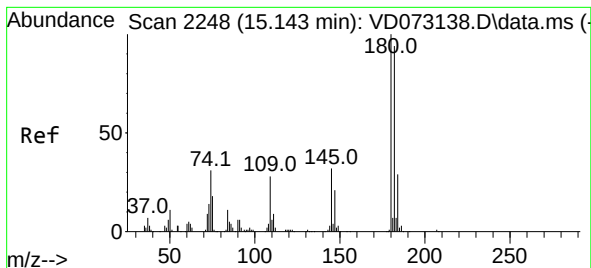
Tgt Ion:146 Resp: 145128
Ion Ratio Lower Upper
146 100
111 43.0 21.1 63.3
148 64.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.339 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion: 75 Resp: 10617
Ion Ratio Lower Upper
75 100
155 81.0 36.8 110.3
157 97.7 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 18.815 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS03

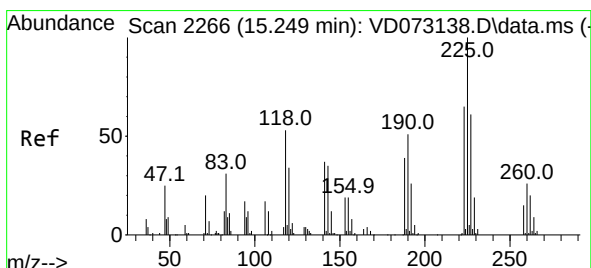
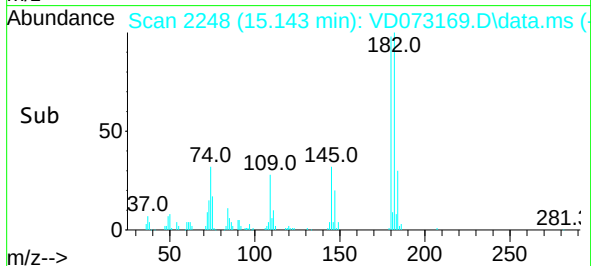
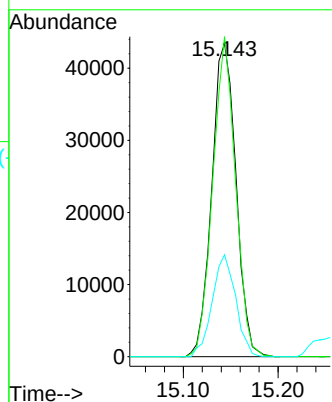
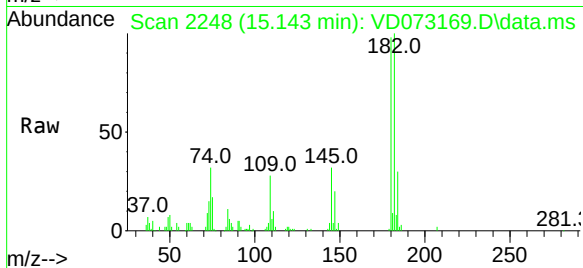
Tgt Ion:180 Resp: 77252

Ion Ratio Lower Upper

180 100

182 95.7 47.3 142.0

145 31.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 17.350 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073169.D

Acq: 20 May 2022 07:15

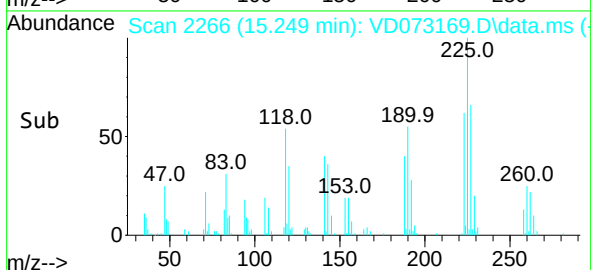
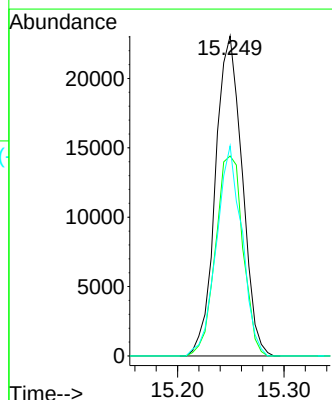
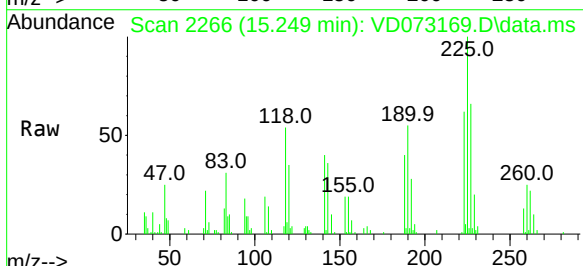
Tgt Ion:225 Resp: 40142

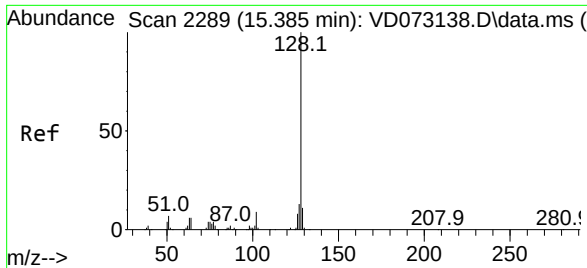
Ion Ratio Lower Upper

225 100

223 64.1 31.1 93.2

227 62.7 32.4 97.0

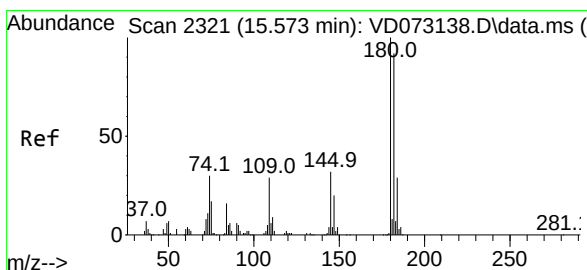
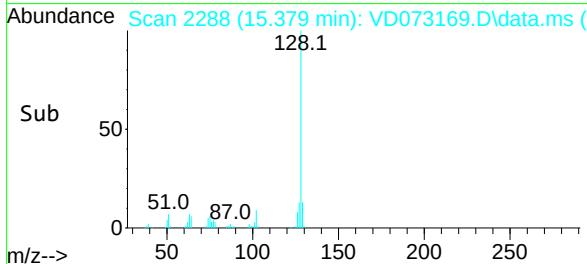
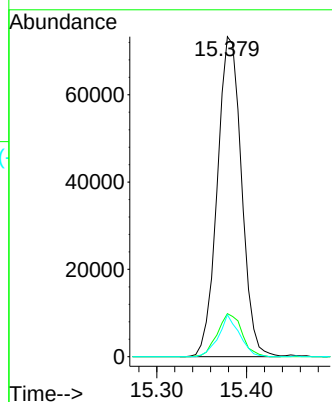
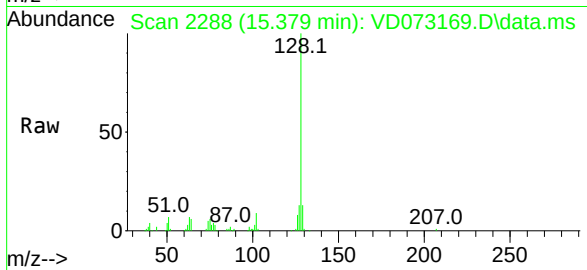




#95
Naphthalene
Concen: 19.324 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

Tgt Ion:128 Resp: 137349
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 11.3 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 18.710 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073169.D
Acq: 20 May 2022 07:15

Tgt Ion:180 Resp: 68103
Ion Ratio Lower Upper
180 100
182 96.3 47.6 142.9
145 34.6 17.1 51.3

