

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076327.D
 Acq On : 05 Jun 2023 15:20
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 06 02:27:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:19:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	249125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	391337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	352787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	177287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	301677	135.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 270.300%#	
35) Dibromofluoromethane	7.805	113	357960	144.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 288.120%#	
50) Toluene-d8	10.269	98	1502173	151.843	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 303.680%#	
62) 4-Bromofluorobenzene	12.575	95	410393	156.753	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 313.500%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	330093	136.824	ug/l	100
3) Chloromethane	2.146	50	611275	131.858	ug/l	100
4) Vinyl Chloride	2.275	62	822240	135.140	ug/l	99
5) Bromomethane	2.664	94	477793	121.035	ug/l	98
6) Chloroethane	2.822	64	524701	128.689	ug/l	99
7) Trichlorofluoromethane	3.164	101	568262	140.668	ug/l	97
8) Diethyl Ether	3.587	74	200069	151.822	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.952	101	365510	141.451	ug/l	98
10) Methyl Iodide	4.152	142	534898	148.748	ug/l	99
11) Tert butyl alcohol	5.064	59	92253	739.503	ug/l	99
12) 1,1-Dichloroethene	3.928	96	397886	145.051	ug/l	95
13) Acrolein	3.793	56	191312	704.887	ug/l	100
14) Allyl chloride	4.558	41	399237	148.123	ug/l	98
15) Acrylonitrile	5.246	53	390958	742.961	ug/l	99
16) Acetone	4.022	43	271154	663.218	ug/l	96
17) Carbon Disulfide	4.264	76	1270666	138.879	ug/l	99
18) Methyl Acetate	4.558	43	245647	141.682	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	786177	155.563	ug/l	100
20) Methylene Chloride	4.793	84	438546	150.946	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	451210	141.951	ug/l	97
22) Diisopropyl ether	6.211	45	909906	151.797	ug/l	99
23) Vinyl Acetate	6.152	43	2227252	977.010	ug/l	99
24) 1,1-Dichloroethane	6.111	63	677990	138.494	ug/l	98
25) 2-Butanone	7.081	43	423243	747.609	ug/l	97
26) 2,2-Dichloropropane	7.075	77	560995	138.388	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	503003	146.485	ug/l	99
28) Bromochloromethane	7.422	49	162704	150.413	ug/l	99
29) Tetrahydrofuran	7.446	42	265361	794.495	ug/l	99
30) Chloroform	7.593	83	686779	133.670	ug/l	97
31) Cyclohexane	7.875	56	542869	144.858	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	577763	141.213	ug/l	98
36) 1,1-Dichloropropene	8.005	75	553806	155.131	ug/l	100
37) Ethyl Acetate	7.163	43	178325	151.407	ug/l	99
38) Carbon Tetrachloride	7.987	117	482374	154.140	ug/l	99
39) Methylcyclohexane	9.269	83	695841	170.591	ug/l	98
40) Benzene	8.246	78	1678919	148.672	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	104650	174.397	ug/l	98
42) 1,2-Dichloroethane	8.322	62	374317	143.518	ug/l	99
43) Isopropyl Acetate	8.357	43	345067	163.476	ug/l	99
44) Trichloroethene	9.028	130	473140	149.841	ug/l	98
45) 1,2-Dichloropropane	9.304	63	394666	148.909	ug/l	99
46) Dibromomethane	9.393	93	218480	145.627	ug/l	97
47) Bromodichloromethane	9.581	83	516786	146.938	ug/l	98
48) Methyl methacrylate	9.381	41	161539	168.931	ug/l	94
49) 1,4-Dioxane	9.387	88	56061	3409.356	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	927634	833.738	ug/l	100
52) Toluene	10.334	92	1082108	155.820	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	514385	157.593	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	631757	156.625	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	303370	142.812	ug/l	96
56) Ethyl methacrylate	10.599	69	372231	171.807	ug/l	100
57) 1,3-Dichloropropane	10.881	76	507576	150.441	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	751345	825.958	ug/l	98
59) 2-Hexanone	10.922	43	651413	853.329	ug/l	100
60) Dibromochloromethane	11.075	129	354540	147.231	ug/l	96
61) 1,2-Dibromoethane	11.181	107	290534	150.308	ug/l	99
64) Tetrachloroethene	10.810	164	388651	153.801	ug/l	97
65) Chlorobenzene	11.610	112	1133820	150.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	384308	151.429	ug/l	98
67) Ethyl Benzene	11.681	91	2025569	166.283	ug/l	100
68) m/p-Xylenes	11.793	106	1649129	327.496	ug/l	98
69) o-Xylene	12.122	106	761291	167.682	ug/l	97
70) Styrene	12.134	104	1279575	164.343	ug/l	98
71) Bromoform	12.298	173	205202	149.873	ug/l #	100
73) Isopropylbenzene	12.422	105	1867687	164.560	ug/l	99
74) N-amyl acetate	12.234	43	336090	172.686	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	337588	148.587	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	413914	240.807	ug/l #	100
77) Bromobenzene	12.698	156	450607	151.000	ug/l	96
78) n-propylbenzene	12.763	91	2279254	162.432	ug/l	99
79) 2-Chlorotoluene	12.851	91	1218795	159.236	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	1533358	163.840	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	113905	164.849	ug/l	94
82) 4-Chlorotoluene	12.945	91	1274710	156.416	ug/l	98
83) tert-Butylbenzene	13.169	119	1312776	167.276	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	1537574	164.499	ug/l	99
85) sec-Butylbenzene	13.345	105	1992983	165.099	ug/l	98
86) p-Isopropyltoluene	13.463	119	1687813	168.685	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	896749	149.069	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	869692	142.784	ug/l	99
89) n-Butylbenzene	13.787	91	1581818	170.091	ug/l	99
90) Hexachloroethane	14.057	117	304796	151.719	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	772986	148.003	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	44514	148.312	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	502099	165.404	ug/l	98
94) Hexachlorobutadiene	15.204	225	241056	162.415	ug/l	99
95) Naphthalene	15.334	128	997452	150.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	442398	164.797	ug/l	100

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ClientSampleId :
VSTDICC150

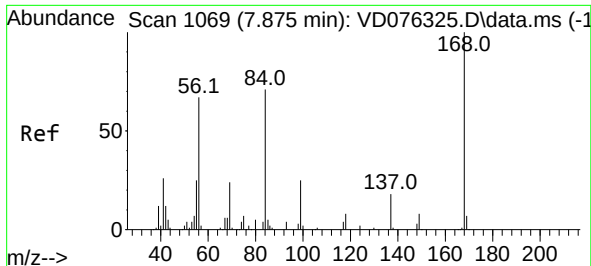
Quant Time: Jun 06 02:27:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:19:25 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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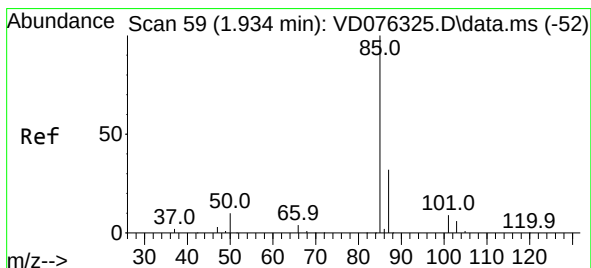
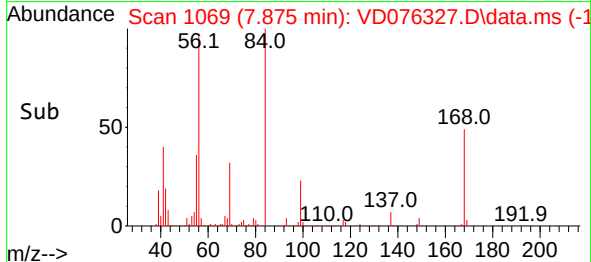
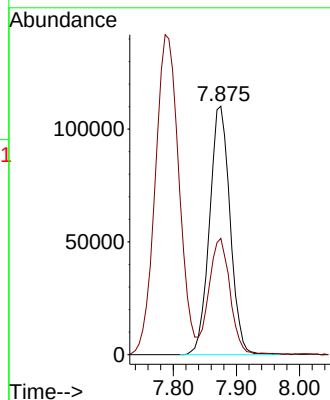
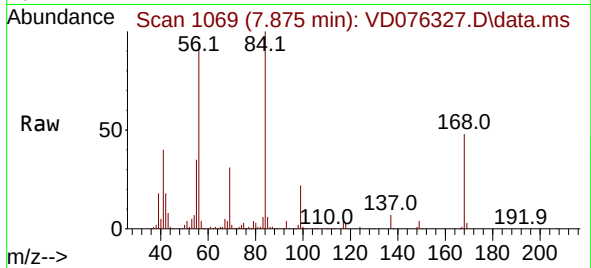




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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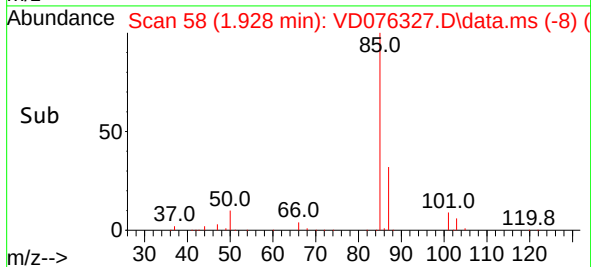
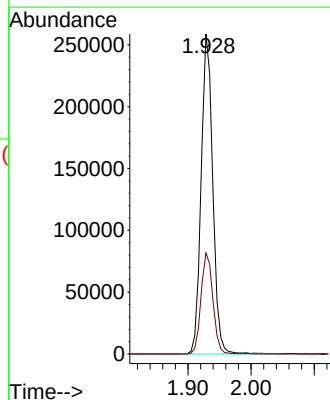
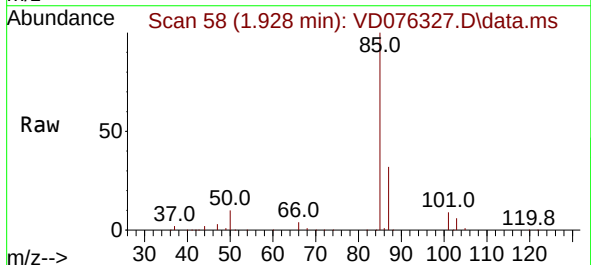
Instrument :
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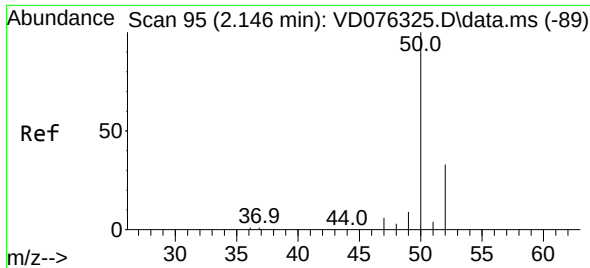
Tgt Ion:168 Resp: 249125
Ion Ratio Lower Upper
168 100
99 46.5 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 136.824 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 85 Resp: 330093
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.0

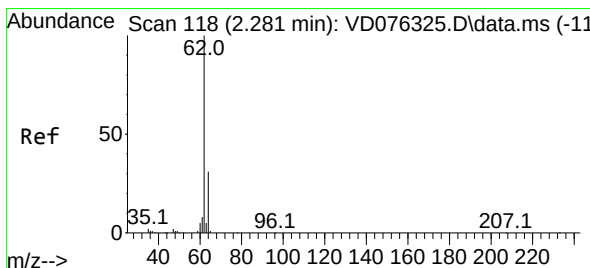
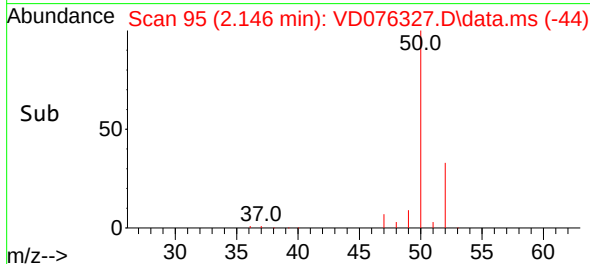
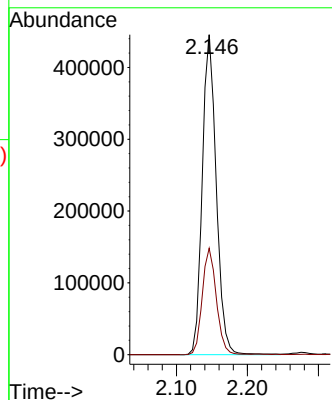
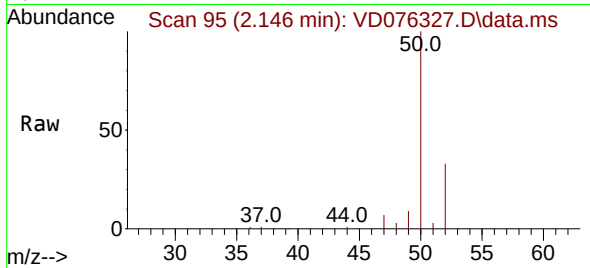




#3
Chloromethane
Concen: 131.858 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

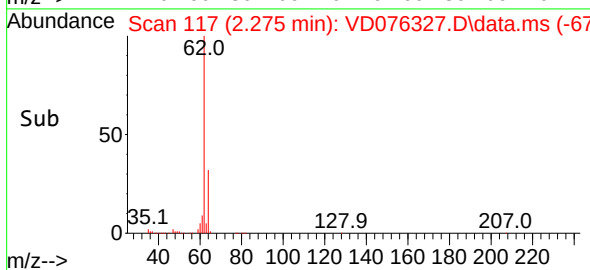
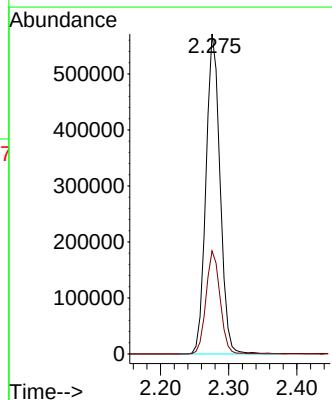
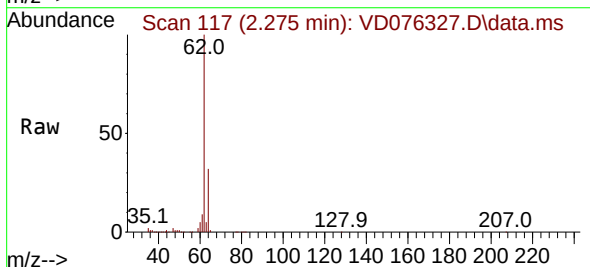
Instrument :
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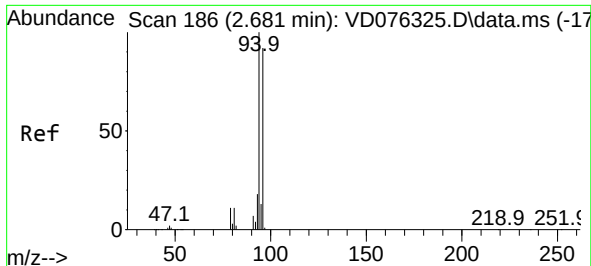
Tgt Ion: 50 Resp: 611275
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 135.140 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 62 Resp: 822240
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

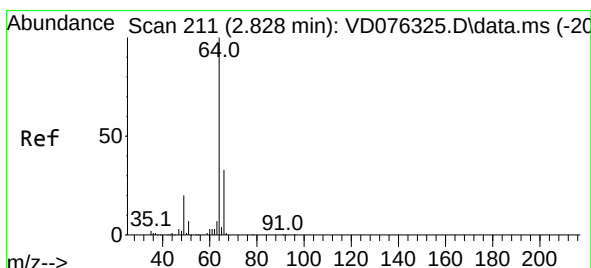
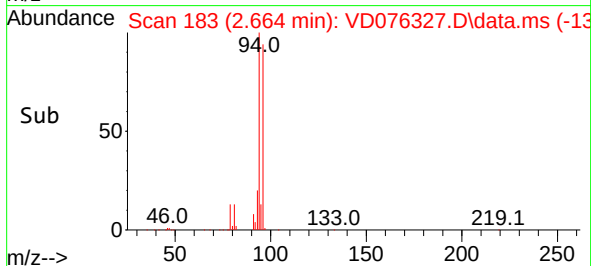
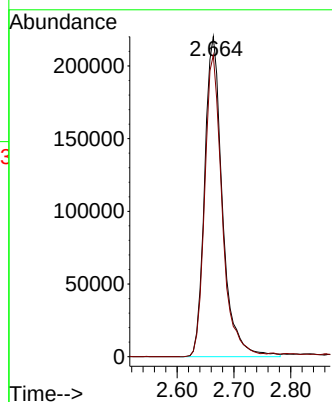
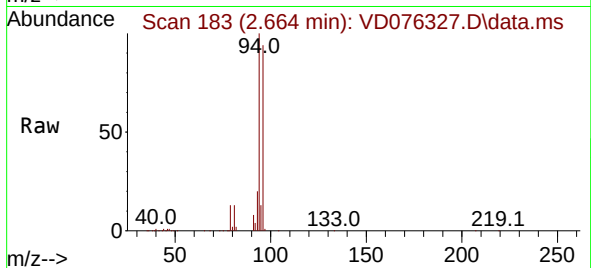




#5
Bromomethane
Concen: 121.035 ug/l
RT: 2.664 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

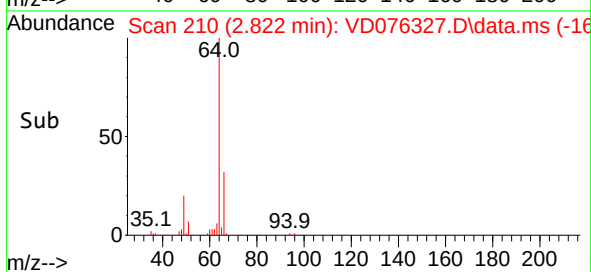
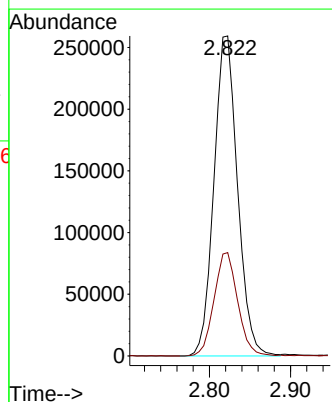
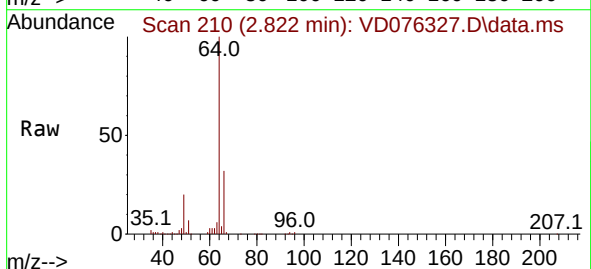
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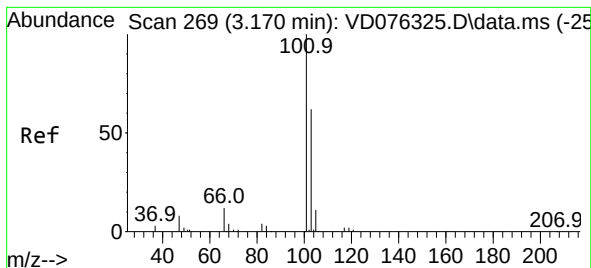
Tgt Ion: 94 Resp: 477793
Ion Ratio Lower Upper
94 100
96 92.7 75.8 113.8



#6
Chloroethane
Concen: 128.689 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 64 Resp: 524701
Ion Ratio Lower Upper
64 100
66 32.3 25.5 38.3





#7

Trichlorofluoromethane

Concen: 140.668 ug/l

RT: 3.164 min Scan# 2

Delta R.T. -0.006 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

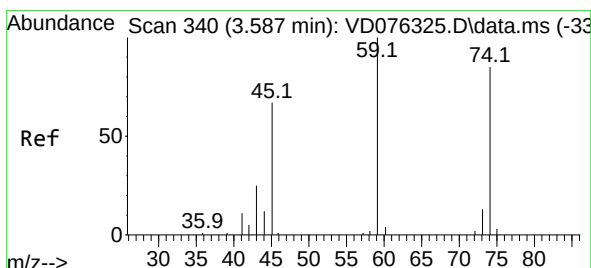
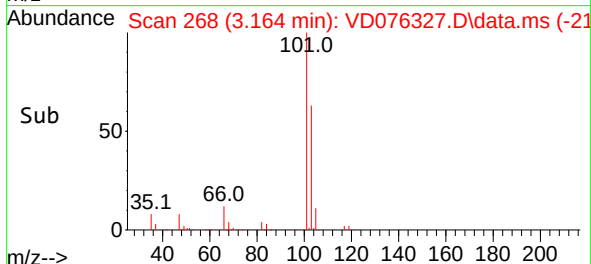
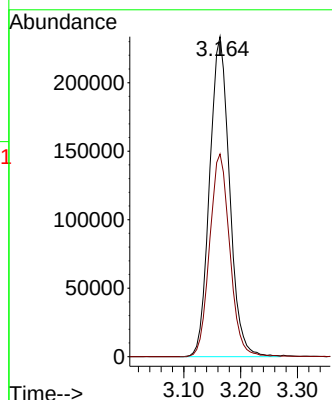
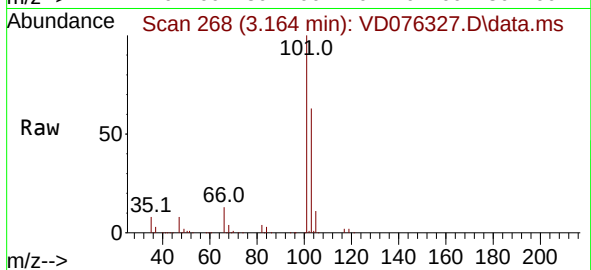
VSTDIC150

Tgt Ion:101 Resp: 568262

Ion Ratio Lower Upper

101 100

103 63.4 52.3 78.5



#8

Diethyl Ether

Concen: 151.822 ug/l

RT: 3.587 min Scan# 340

Delta R.T. 0.000 min

Lab File: VD076327.D

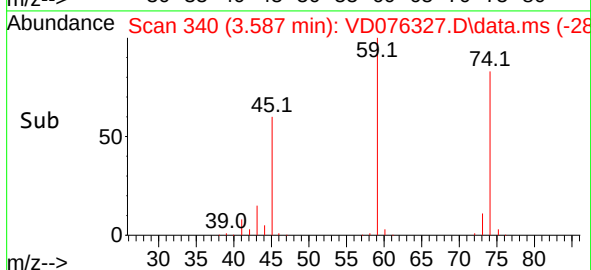
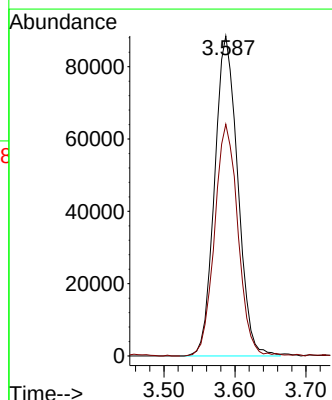
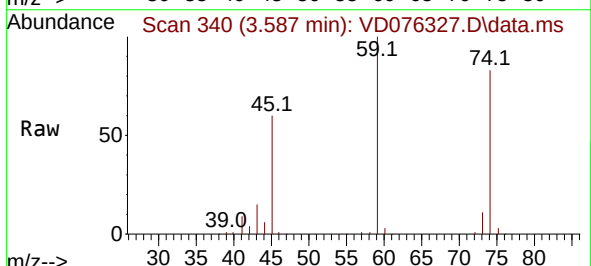
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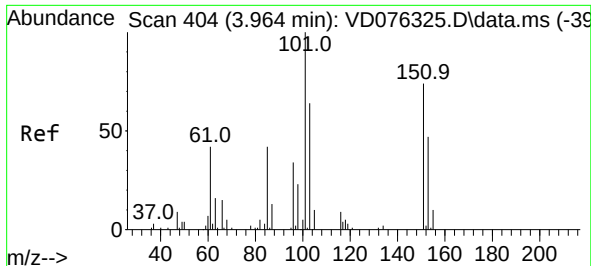
Tgt Ion: 74 Resp: 200069

Ion Ratio Lower Upper

74 100

45 73.1 37.5 112.7

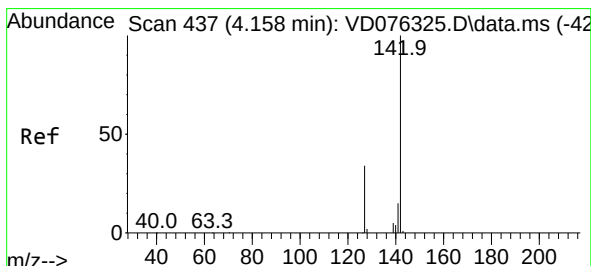
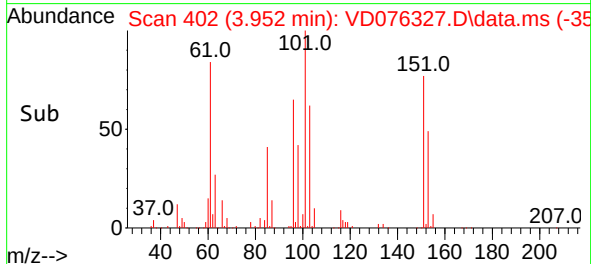
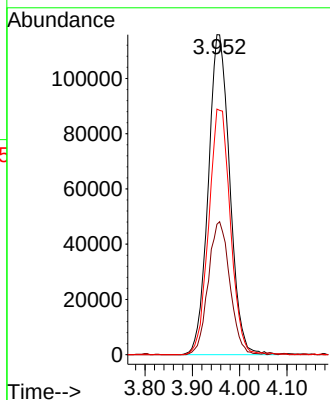
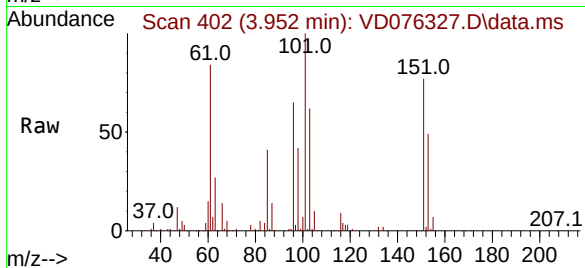




#9
1,1,2-Trichlorotrifluoroethane
Concen: 141.451 ug/l
RT: 3.952 min Scan# 404
Delta R.T. -0.012 min
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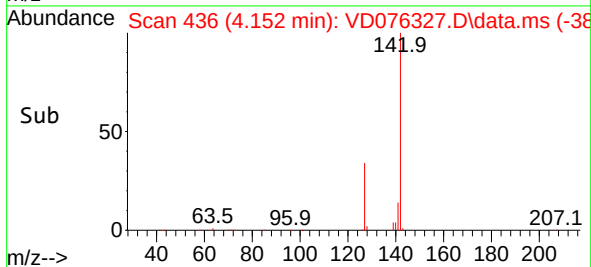
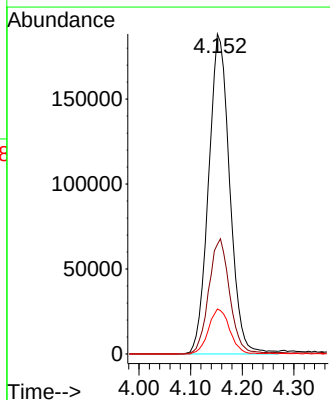
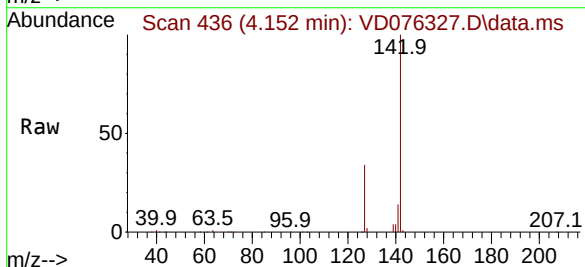
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

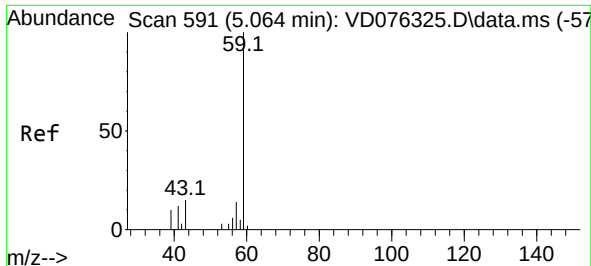
Tgt Ion:101 Resp: 365510
Ion Ratio Lower Upper
101 100
85 41.8 33.8 50.6
151 77.4 59.8 89.6



#10
Methyl Iodide
Concen: 148.748 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion:142 Resp: 534898
Ion Ratio Lower Upper
142 100
127 35.8 29.4 44.0
141 14.1 11.1 16.7

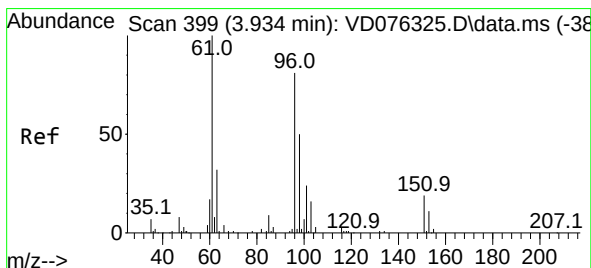
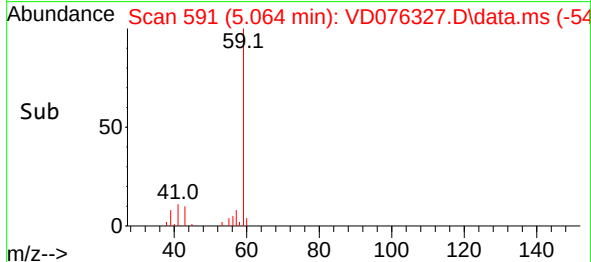
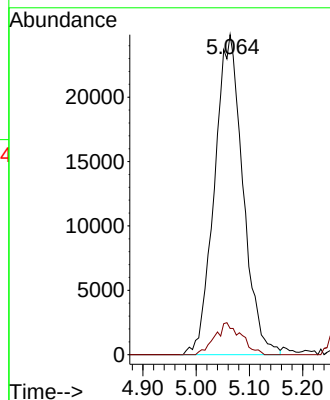
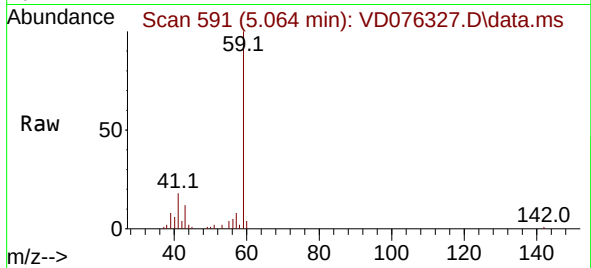




#11
Tert butyl alcohol
Concen: 739.503 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

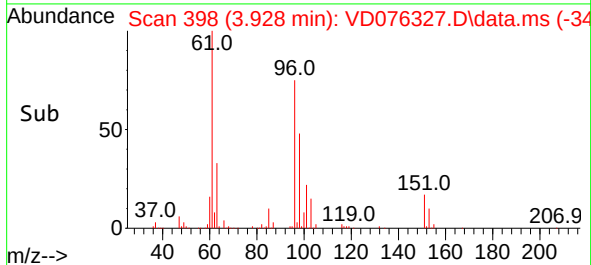
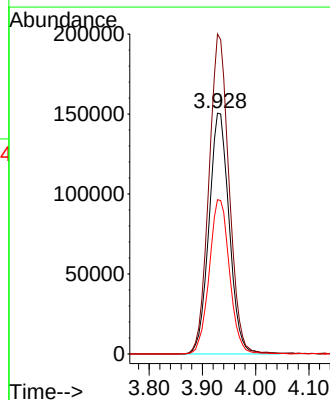
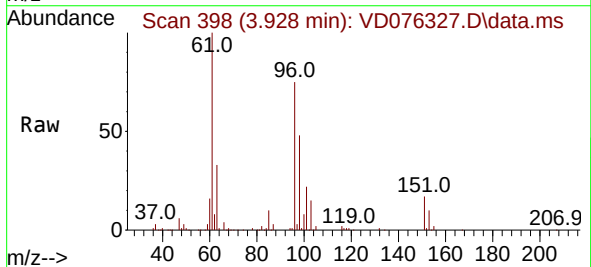
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

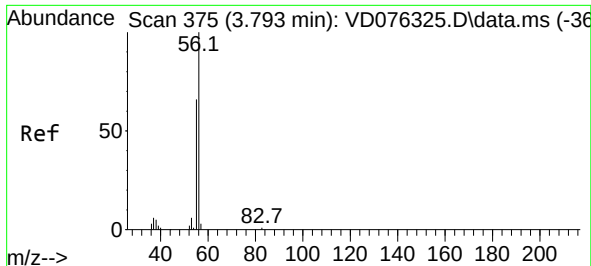
Tgt Ion: 59 Resp: 92253
Ion Ratio Lower Upper
59 100
57 9.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 145.051 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 96 Resp: 397886
Ion Ratio Lower Upper
96 100
61 132.9 100.6 150.8
98 64.1 50.2 75.2





#13

Acrolein

Concen: 704.887 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

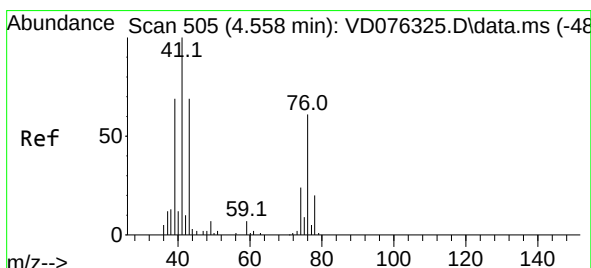
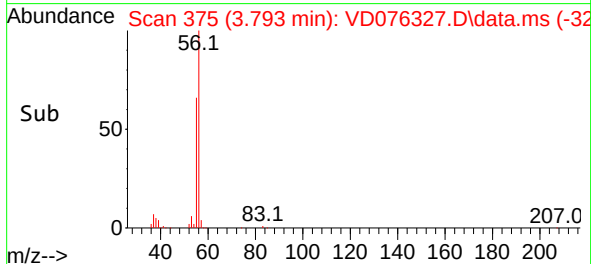
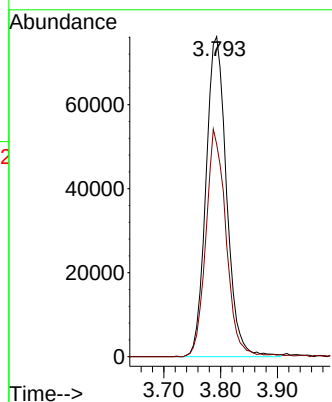
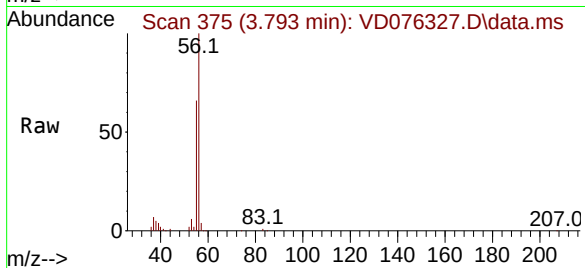
VSTDICC150

Tgt Ion: 56 Resp: 191312

Ion Ratio Lower Upper

56 100

55 69.3 55.1 82.7



#14

Allyl chloride

Concen: 148.123 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

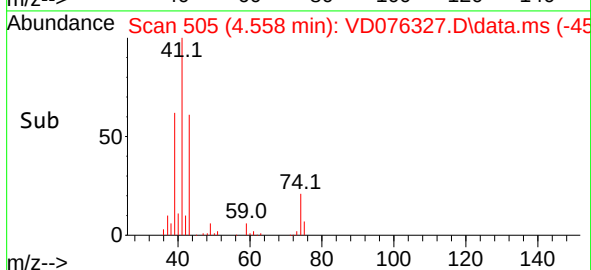
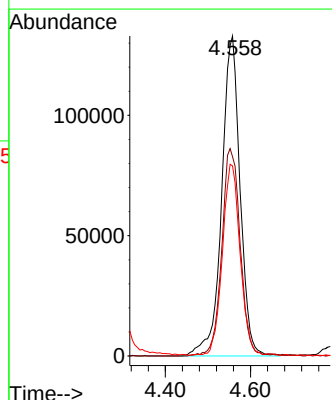
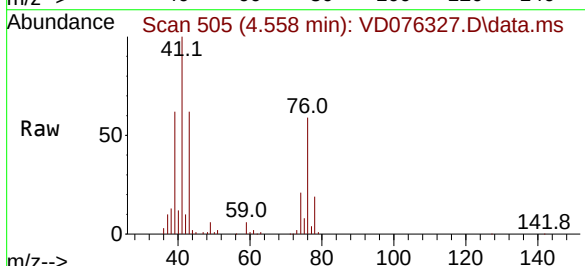
Tgt Ion: 41 Resp: 399237

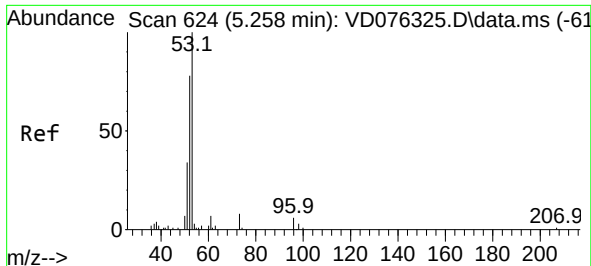
Ion Ratio Lower Upper

41 100

39 64.5 53.8 80.6

76 57.3 45.8 68.8

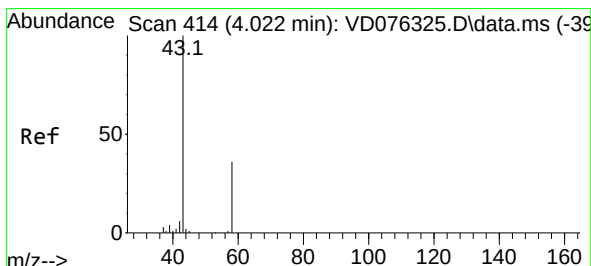
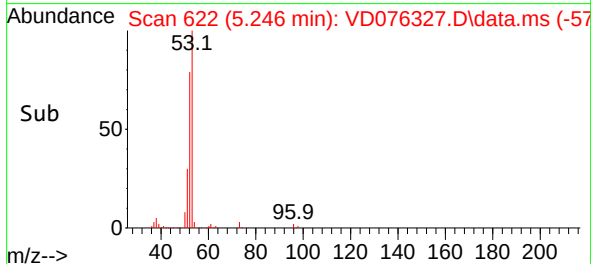
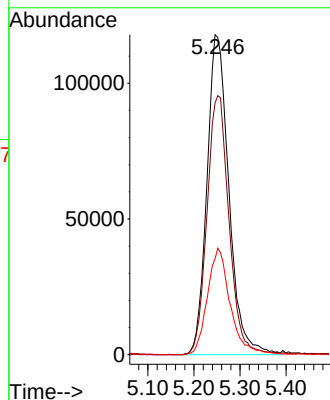
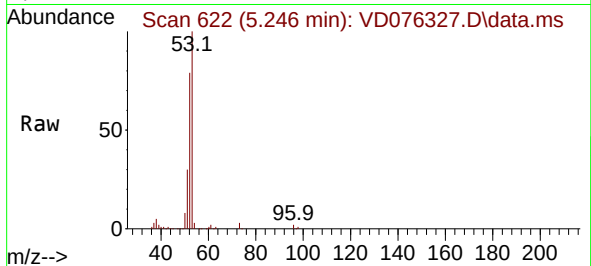




#15
Acrylonitrile
Concen: 742.961 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

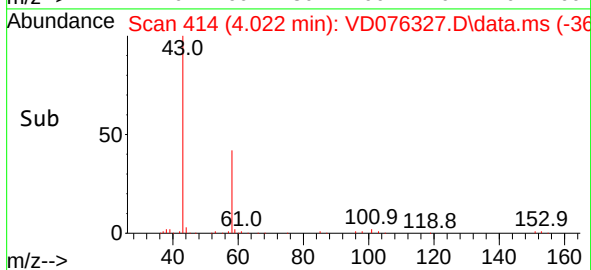
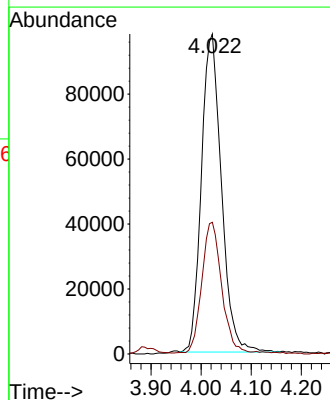
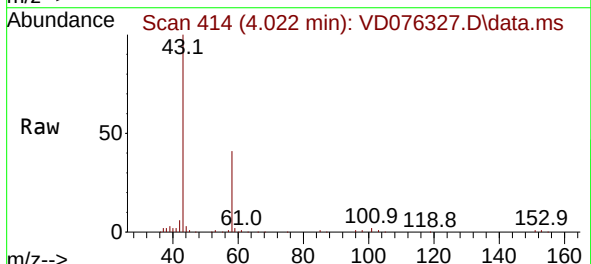
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

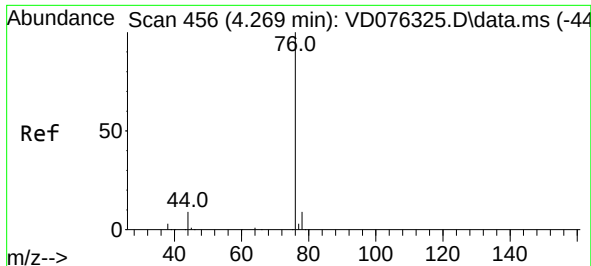
Tgt Ion: 53 Resp: 390958
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.4
51 34.5 28.3 42.5



#16
Acetone
Concen: 663.218 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 43 Resp: 271154
Ion Ratio Lower Upper
43 100
58 41.1 34.7 52.1

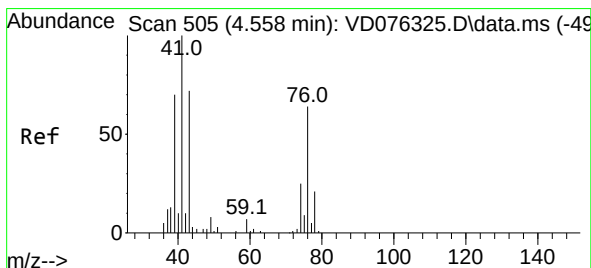
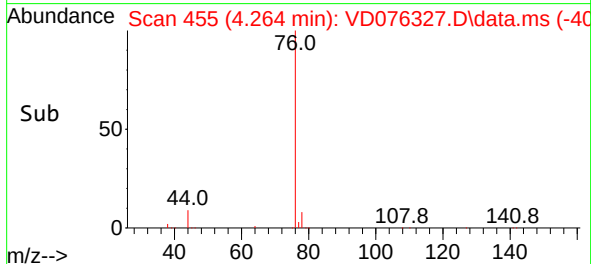
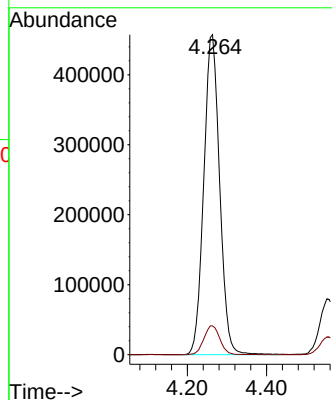
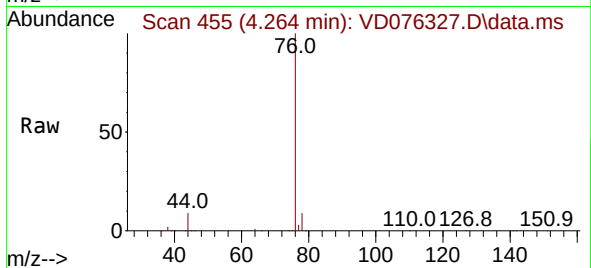




#17
Carbon Disulfide
Concen: 138.879 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

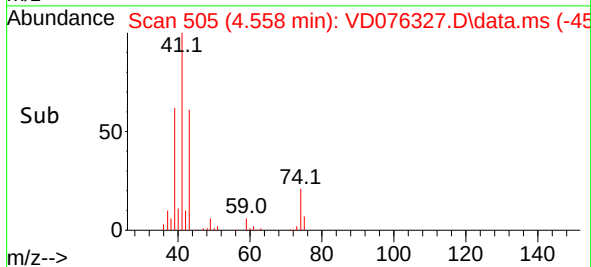
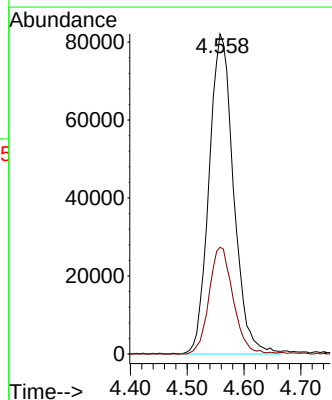
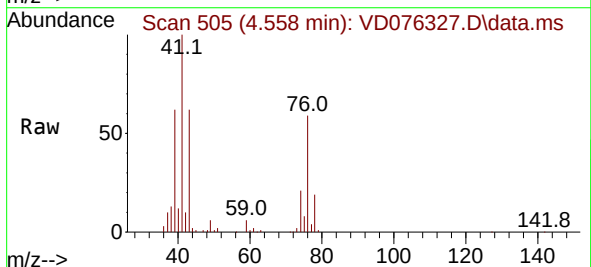
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

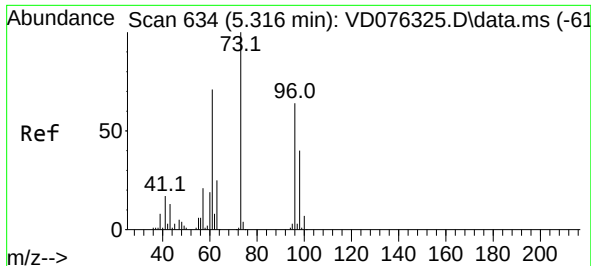
Tgt Ion: 76 Resp: 1270666
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 141.682 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 43 Resp: 245647
Ion Ratio Lower Upper
43 100
74 32.6 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 155.563 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

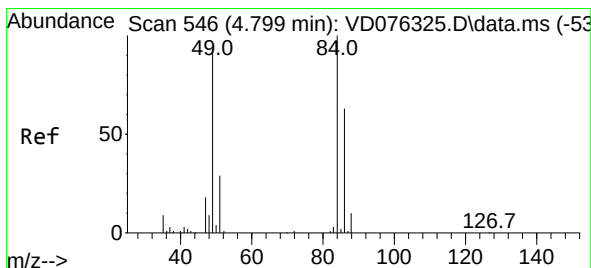
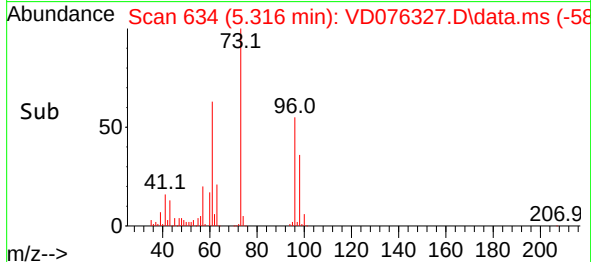
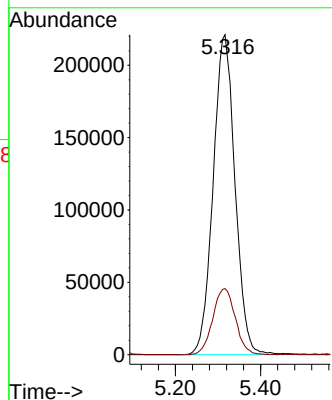
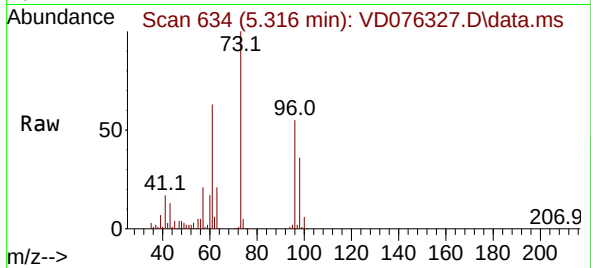
VSTDIC150

Tgt Ion: 73 Resp: 786177

Ion Ratio Lower Upper

73 100

57 20.6 16.6 25.0



#20

Methylene Chloride

Concen: 150.946 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Tgt Ion: 84 Resp: 438546

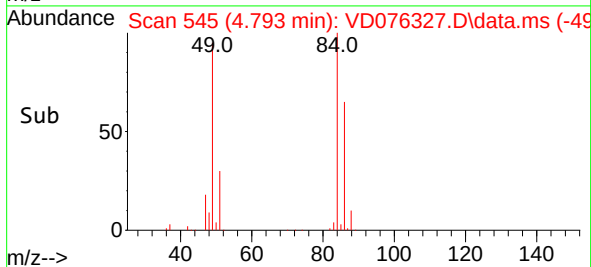
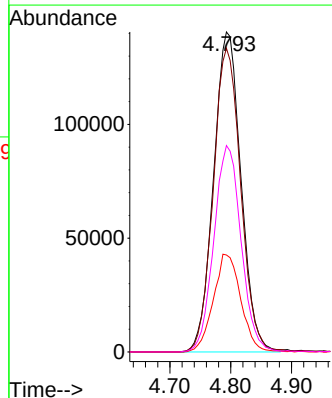
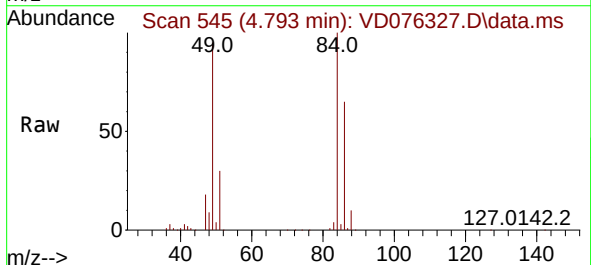
Ion Ratio Lower Upper

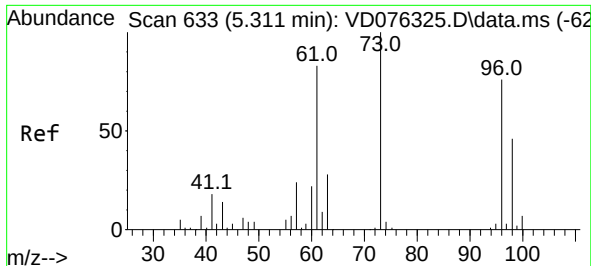
84 100

49 94.9 71.4 107.2

51 30.3 24.5 36.7

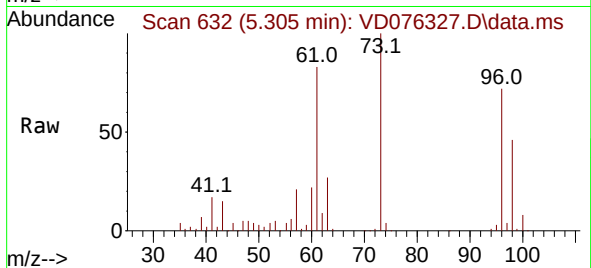
86 64.5 48.7 73.1





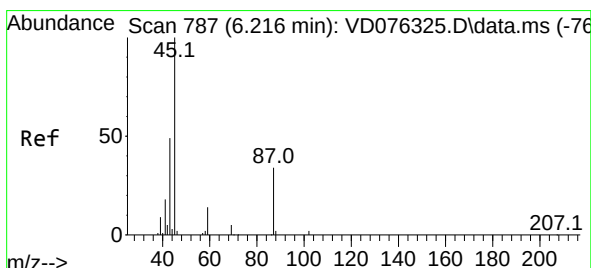
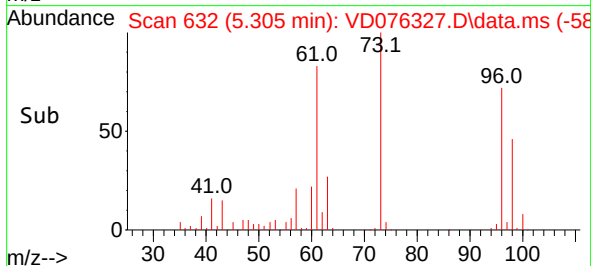
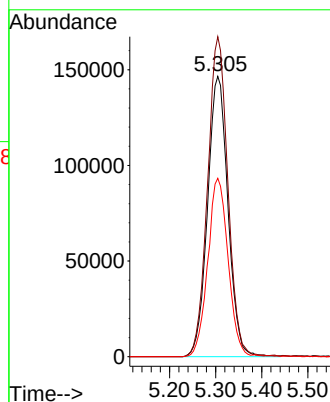
#21
trans-1,2-Dichloroethene
Concen: 141.951 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 451210

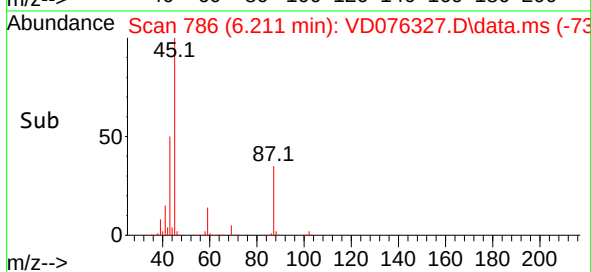
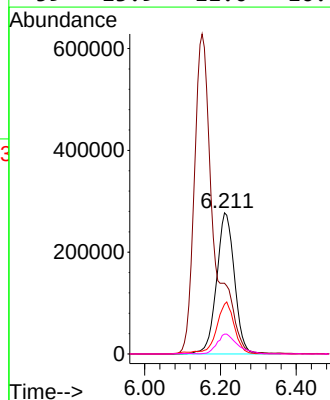
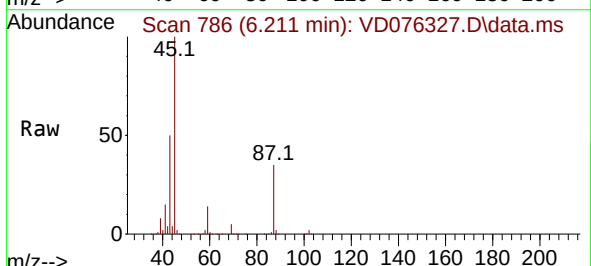
Ion	Ratio	Lower	Upper
96	100		
61	114.1	89.3	133.9
98	63.6	48.6	73.0

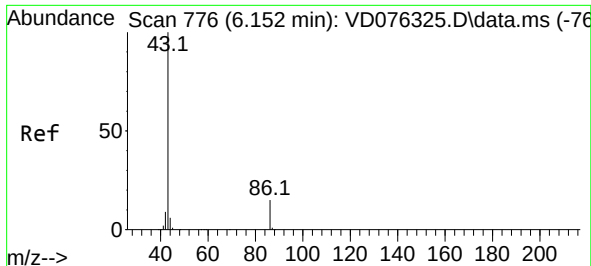


#22
Diisopropyl ether
Concen: 151.797 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 45 Resp: 909906

Ion	Ratio	Lower	Upper
45	100		
43	49.4	40.0	60.0
87	35.1	28.2	42.4
59	13.9	11.0	16.4

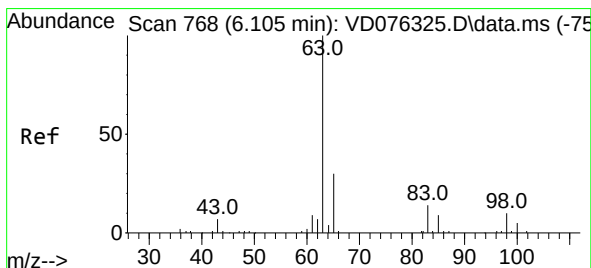
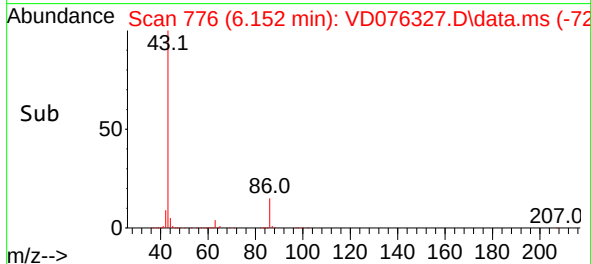
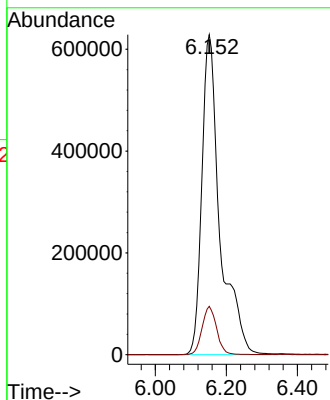
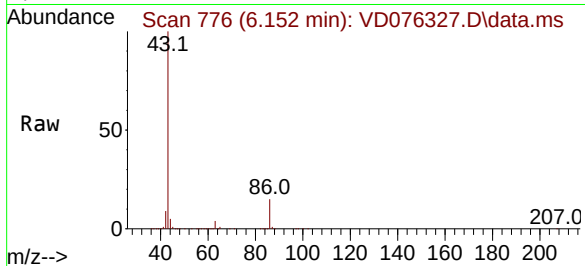




#23
 Vinyl Acetate
 Concen: 977.010 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD076327.D
 Acq: 05 Jun 2023 15:20

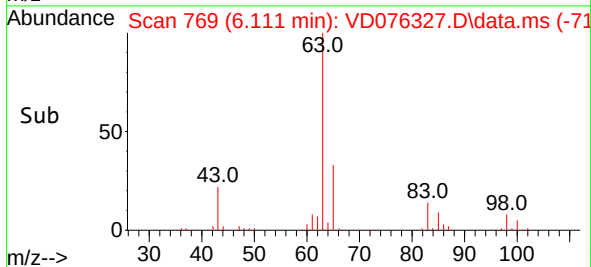
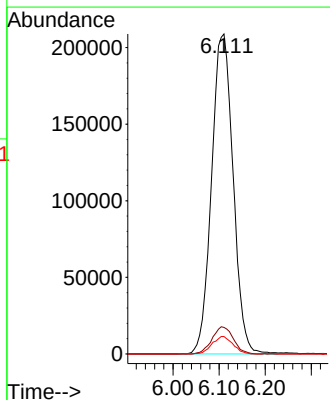
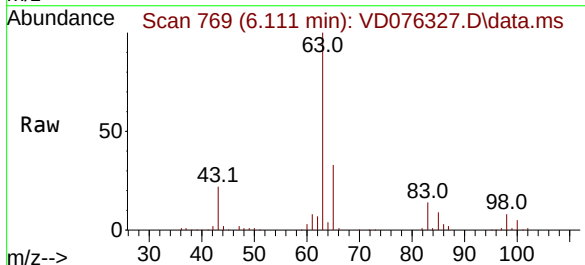
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

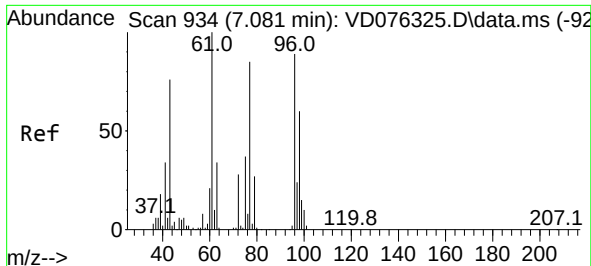
Tgt Ion: 43 Resp: 2227252
 Ion Ratio Lower Upper
 43 100
 86 15.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 138.494 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076327.D
 Acq: 05 Jun 2023 15:20

Tgt Ion: 63 Resp: 677990
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 5.5 2.5 7.5

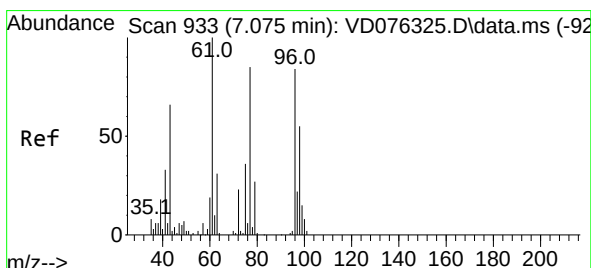
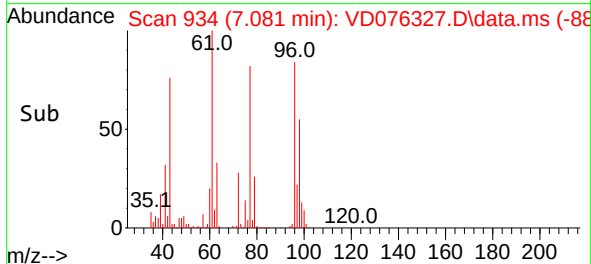
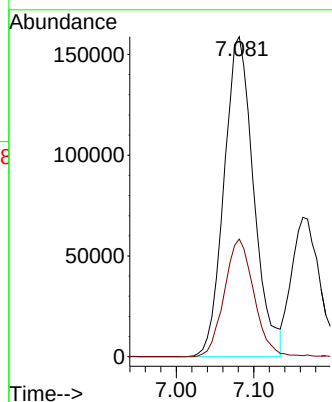
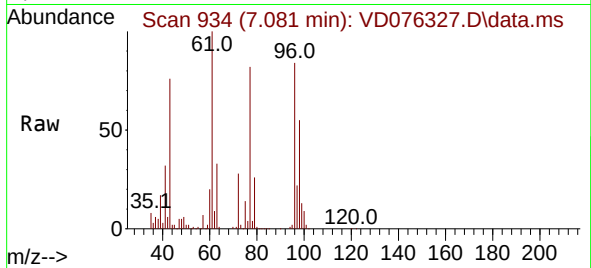




#25
2-Butanone
Concen: 747.609 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

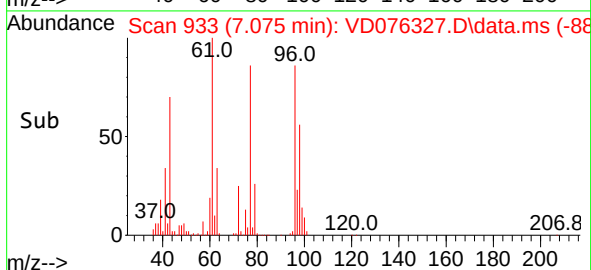
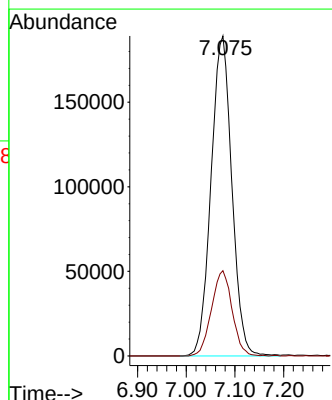
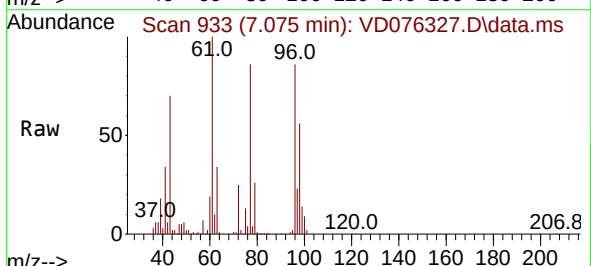
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

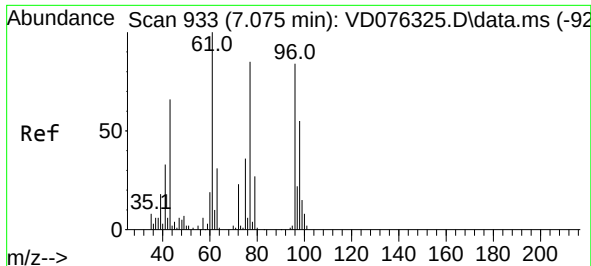
Tgt Ion: 43 Resp: 423243
Ion Ratio Lower Upper
43 100
72 36.7 30.7 46.1



#26
2,2-Dichloropropane
Concen: 138.388 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 77 Resp: 560995
Ion Ratio Lower Upper
77 100
97 26.4 13.2 39.6



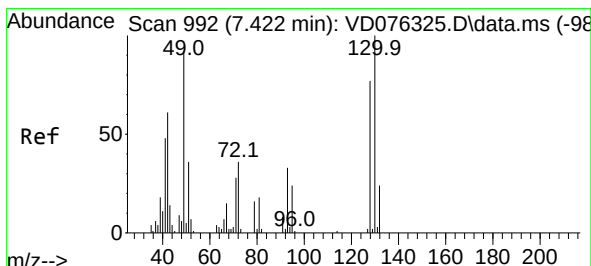
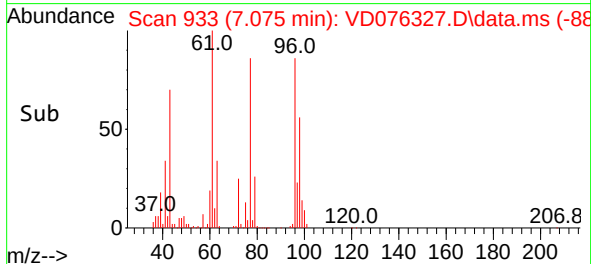
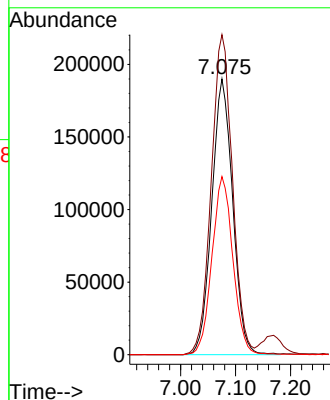
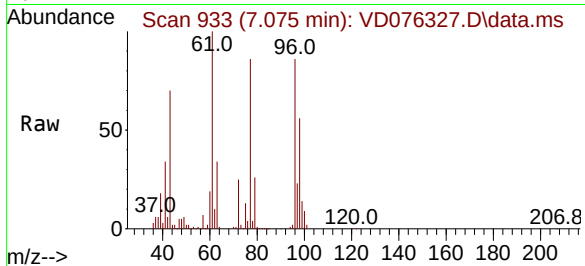


#27
 cis-1,2-Dichloroethene
 Concen: 146.485 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD076327.D
 Acq: 05 Jun 2023 15:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Tgt Ion: 96 Resp: 503003

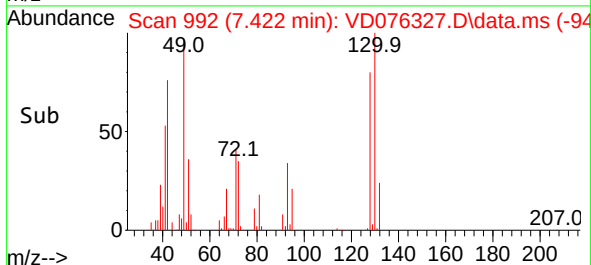
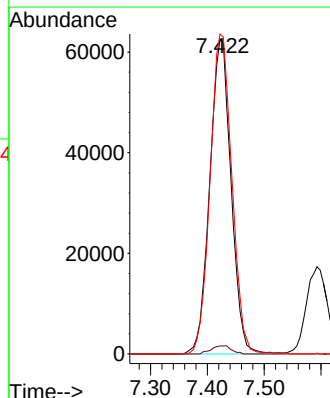
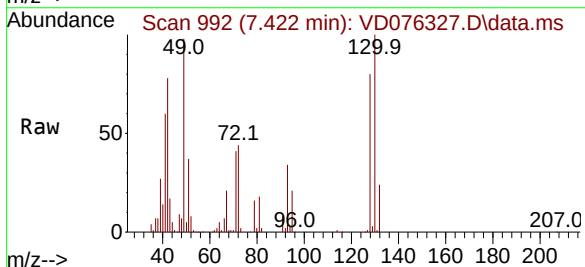
Ion	Ratio	Lower	Upper
96	100		
61	117.5	0.0	239.2
98	64.7	0.0	128.6

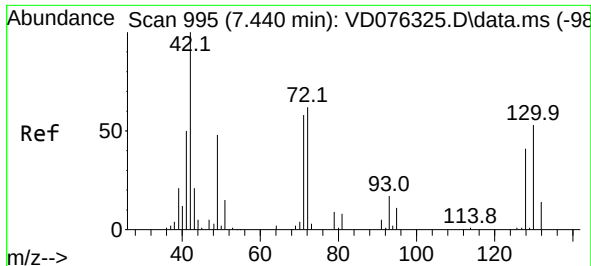


#28
 Bromochloromethane
 Concen: 150.413 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076327.D
 Acq: 05 Jun 2023 15:20

Tgt Ion: 49 Resp: 162704

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	6.0
130	103.5	83.2	124.8





#29

Tetrahydrofuran

Concen: 794.495 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

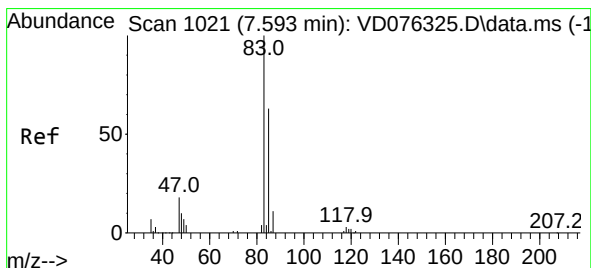
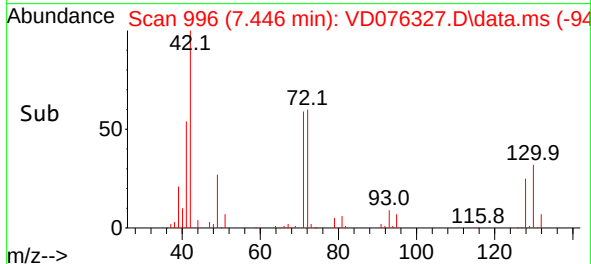
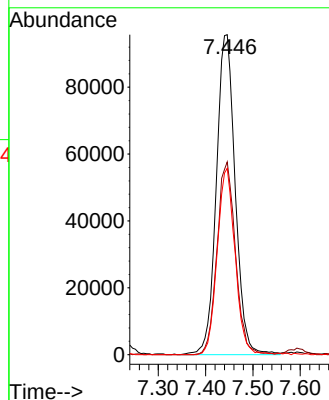
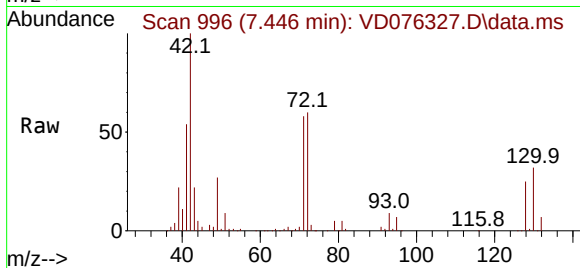
Tgt Ion: 42 Resp: 265361

Ion Ratio Lower Upper

42 100

72 58.8 46.5 69.7

71 55.0 44.5 66.7



#30

Chloroform

Concen: 133.670 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076327.D

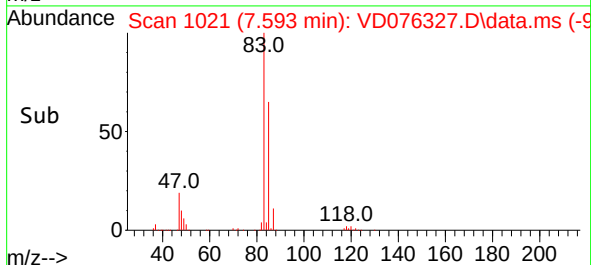
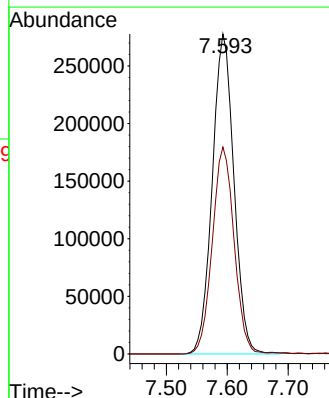
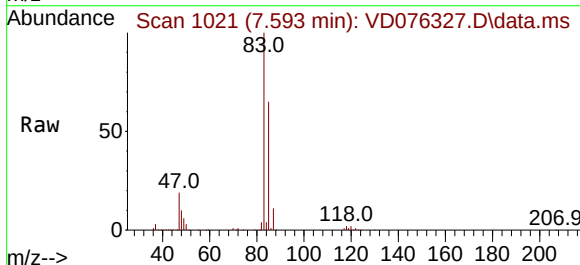
Acq: 05 Jun 2023 15:20

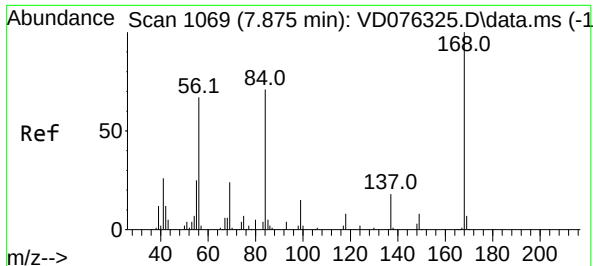
Tgt Ion: 83 Resp: 686779

Ion Ratio Lower Upper

83 100

85 64.7 53.4 80.2

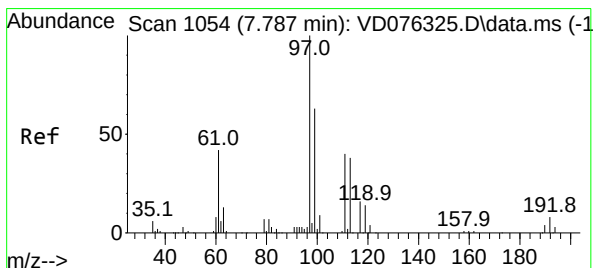
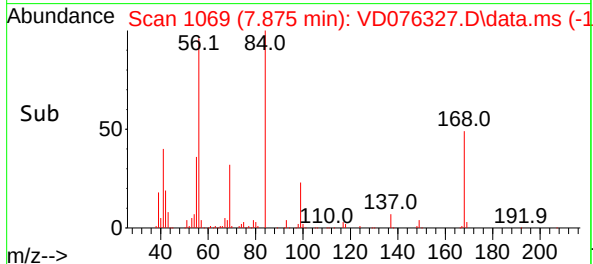
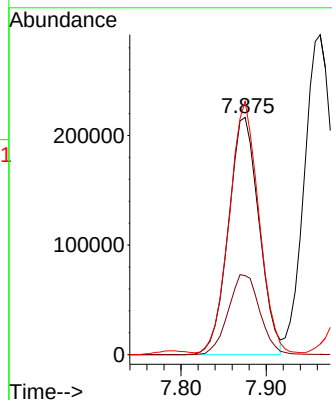
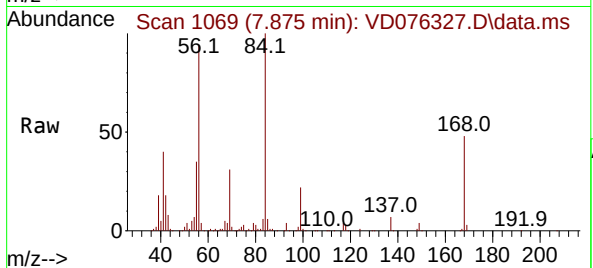




#31
Cyclohexane
Concen: 144.858 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

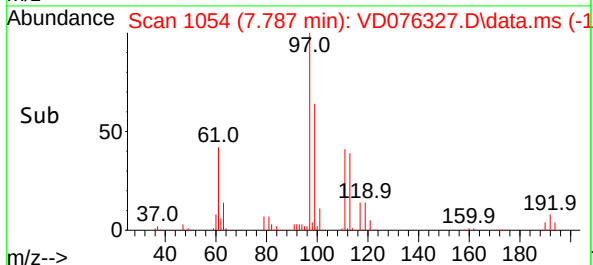
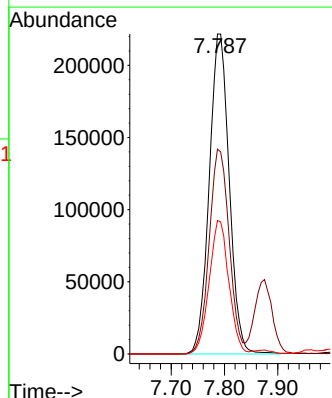
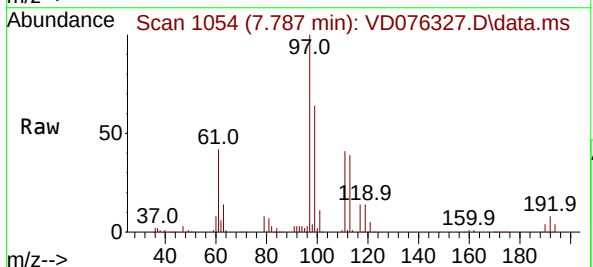
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

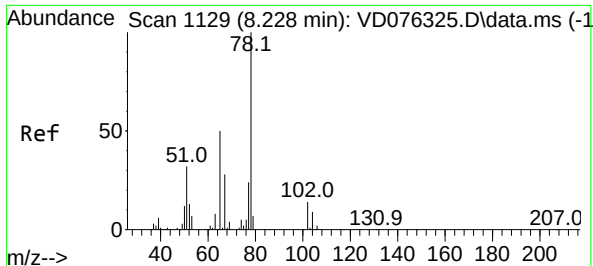
Tgt Ion: 56 Resp: 542869
Ion Ratio Lower Upper
56 100
69 33.3 28.6 43.0
84 105.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 141.213 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 97 Resp: 577763
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 135.151 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

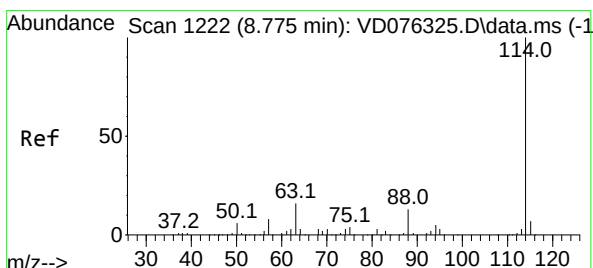
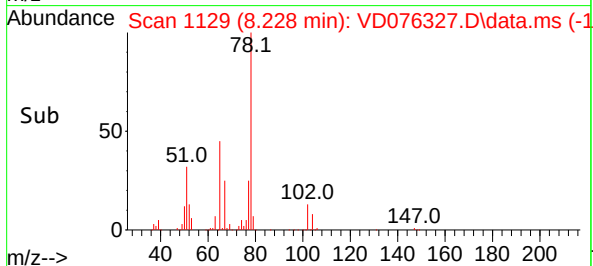
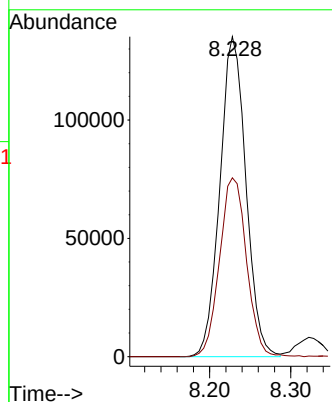
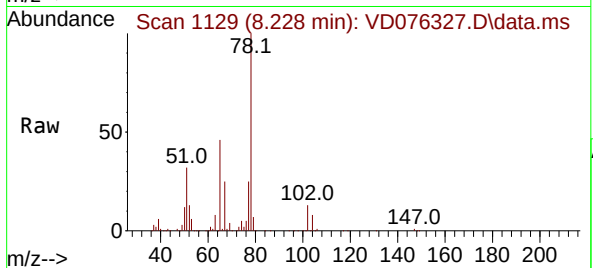
VSTDIC150

Tgt Ion: 65 Resp: 301677

Ion Ratio Lower Upper

65 100

67 57.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

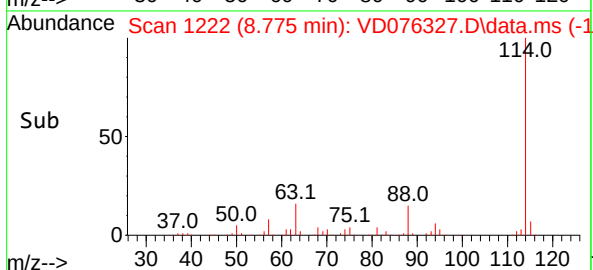
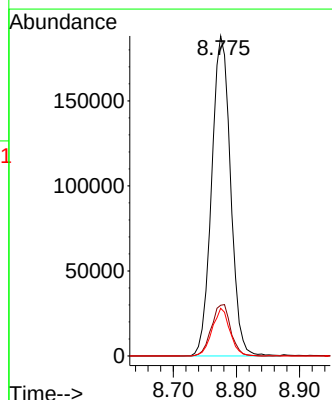
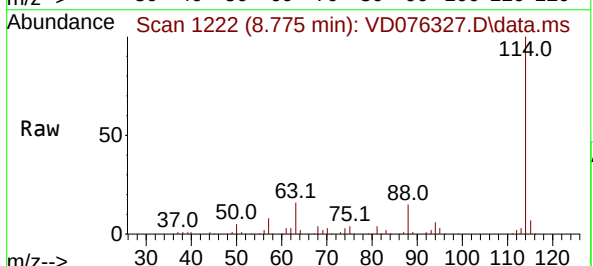
Tgt Ion: 114 Resp: 391337

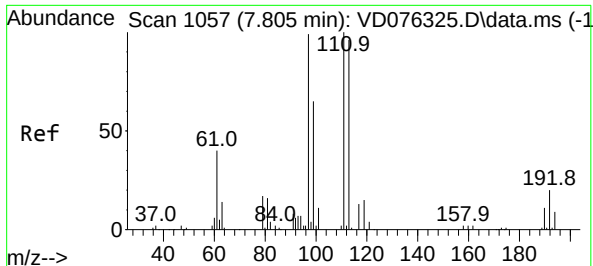
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

88 14.9 0.0 26.2

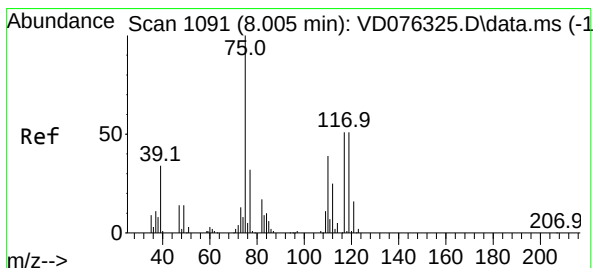
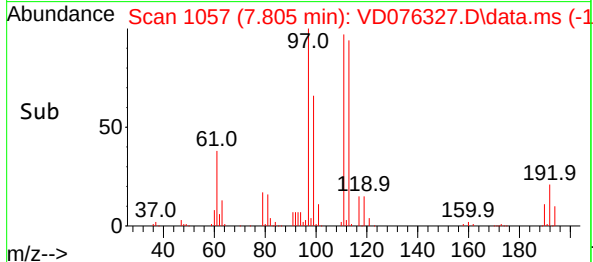
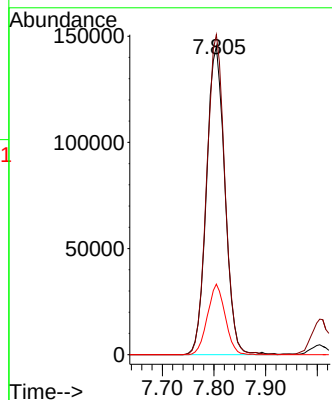
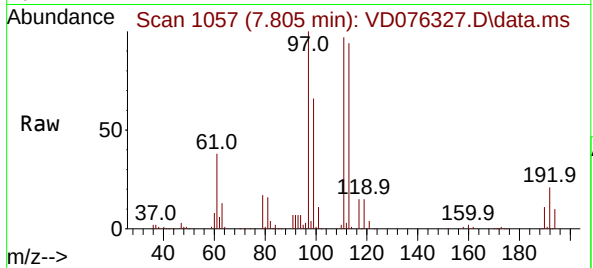




#35
Dibromofluoromethane
Concen: 144.063 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

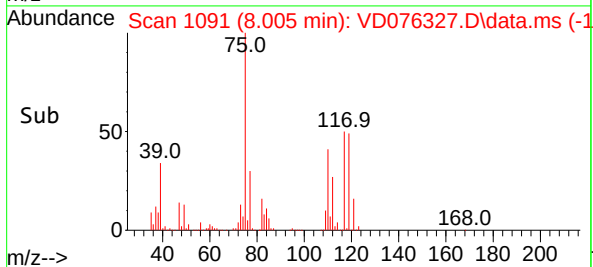
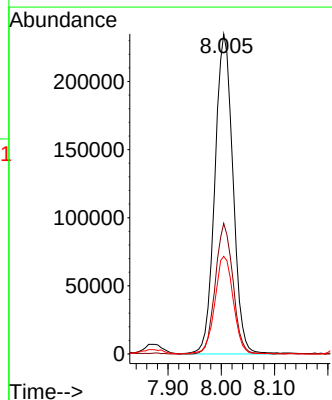
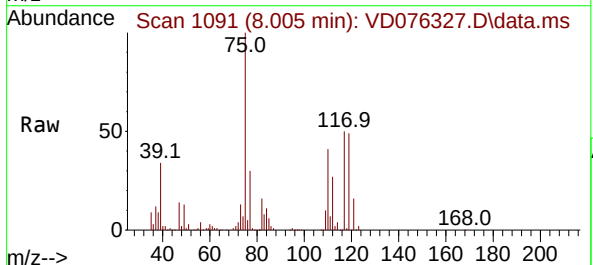
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

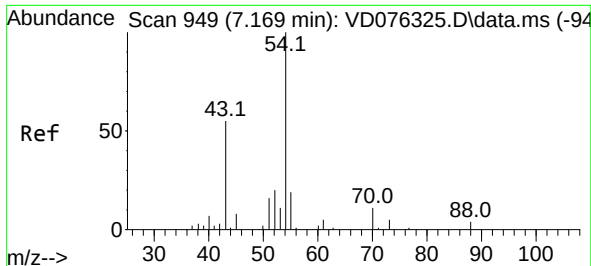
Tgt Ion:113 Resp: 357960
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 22.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 155.131 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 75 Resp: 553806
Ion Ratio Lower Upper
75 100
110 39.8 19.9 59.6
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 151.407 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

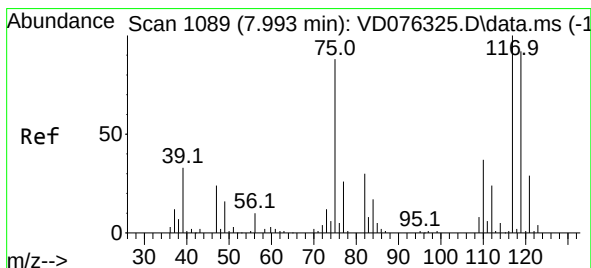
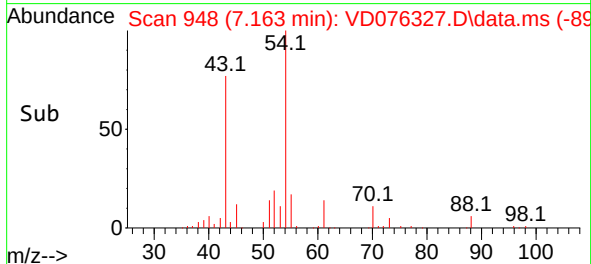
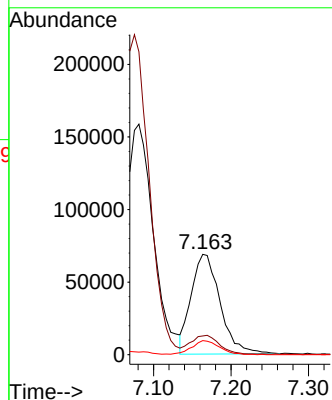
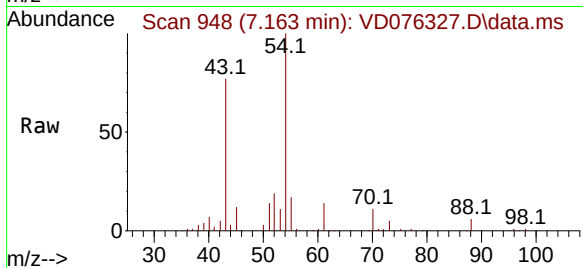
Tgt Ion: 43 Resp: 178325

Ion Ratio Lower Upper

43 100

61 18.7 14.9 22.3

70 13.4 10.0 15.0



#38

Carbon Tetrachloride

Concen: 154.140 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

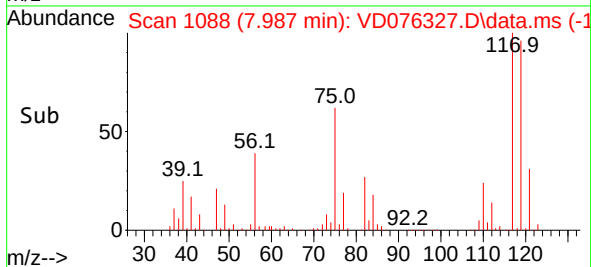
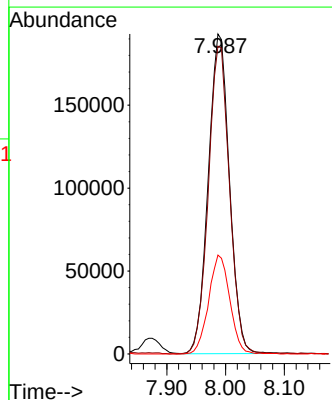
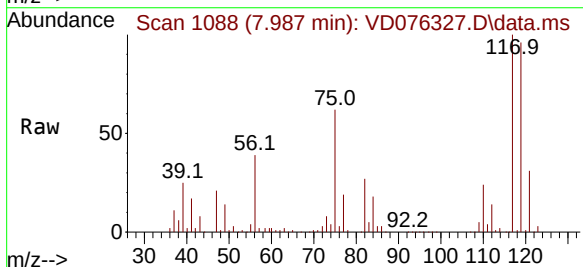
Tgt Ion: 117 Resp: 482374

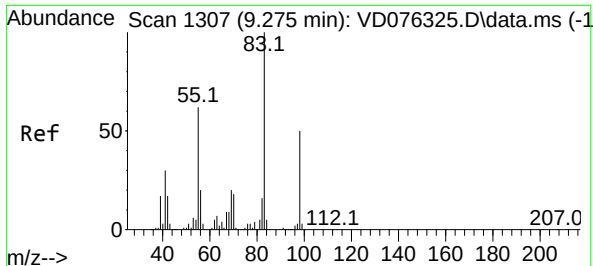
Ion Ratio Lower Upper

117 100

119 96.3 78.0 117.0

121 30.9 24.2 36.2

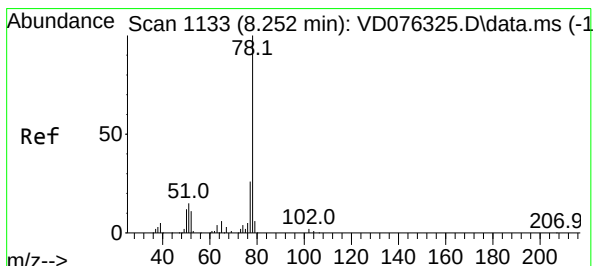
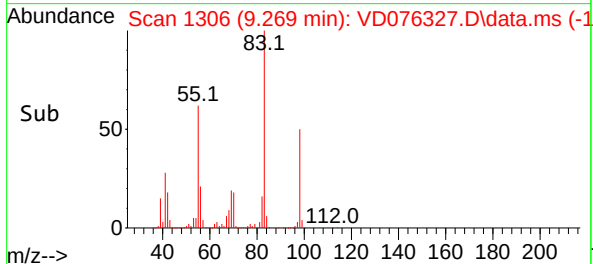
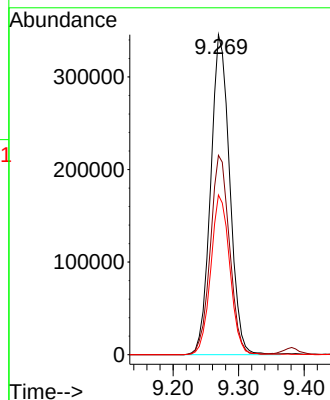
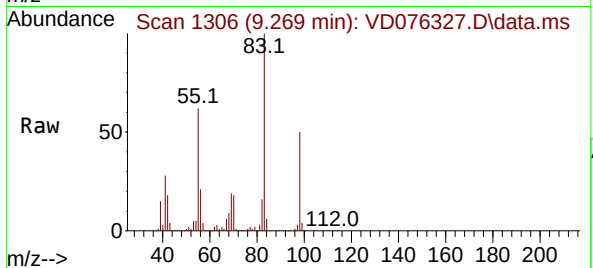




#39
Methylcyclohexane
Concen: 170.591 ug/l
RT: 9.269 min Scan# 1136
Delta R.T. -0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

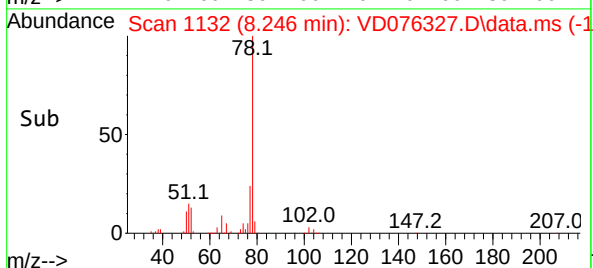
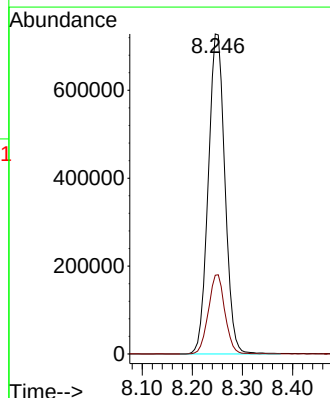
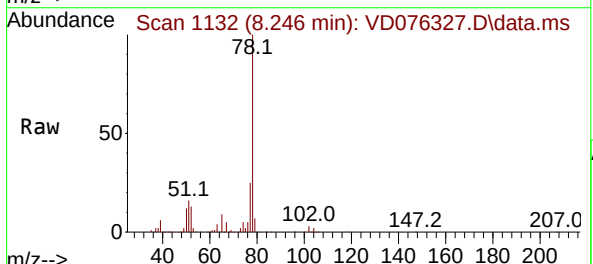
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

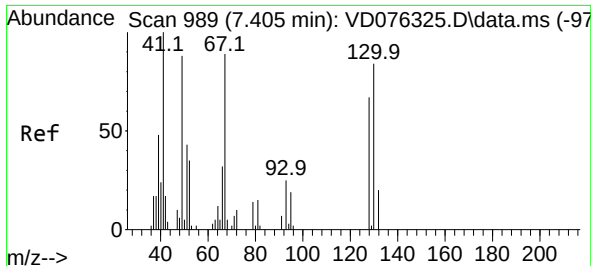
Tgt Ion: 83 Resp: 695841
Ion Ratio Lower Upper
83 100
55 62.3 49.4 74.0
98 49.9 38.4 57.6



#40
Benzene
Concen: 148.672 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 78 Resp: 1678919
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

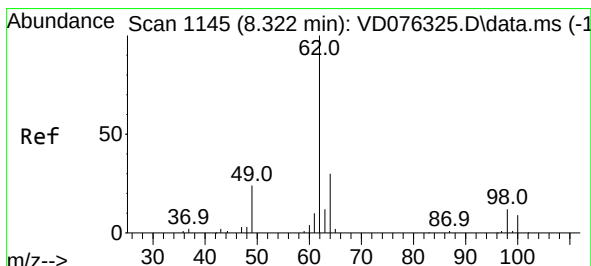
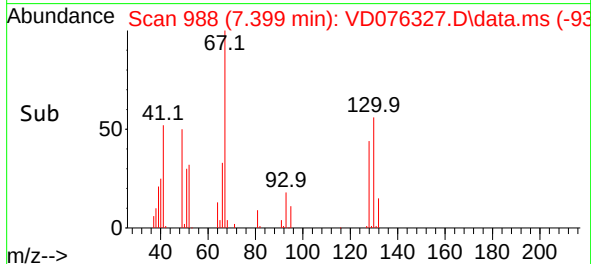
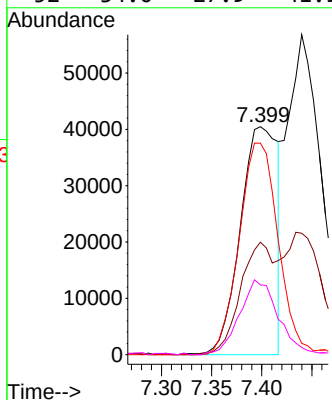
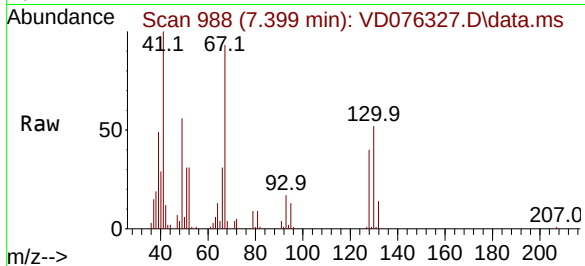




#41
Methacrylonitrile
Concen: 174.397 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

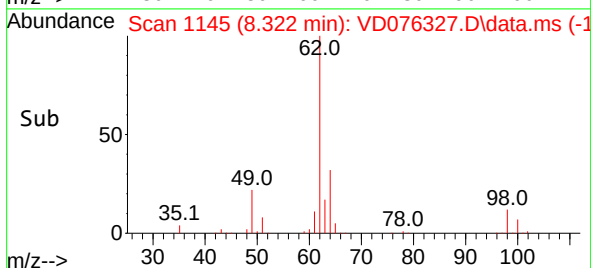
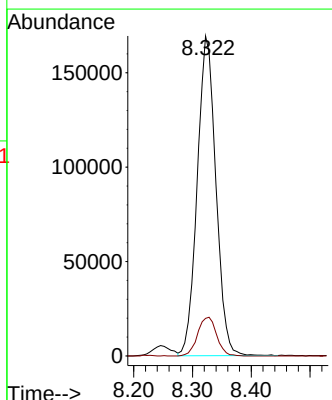
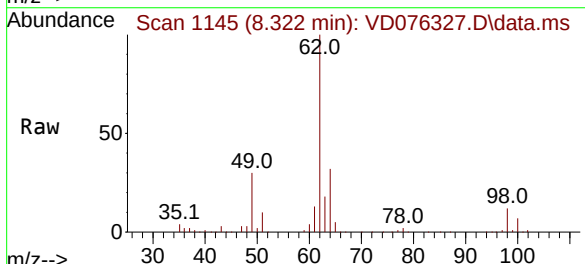
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

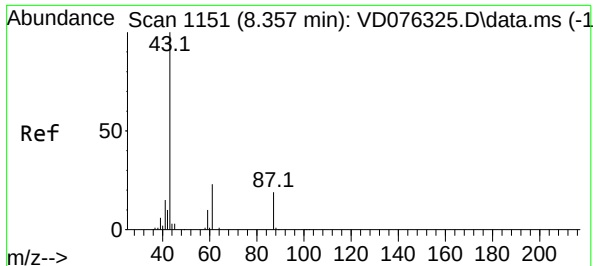
Tgt Ion: 41 Resp: 104650
Ion Ratio Lower Upper
41 100
39 41.6 34.0 51.0
67 97.8 77.0 115.4
52 34.0 27.9 41.9



#42
1,2-Dichloroethane
Concen: 143.518 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 62 Resp: 374317
Ion Ratio Lower Upper
62 100
98 12.3 0.0 25.4

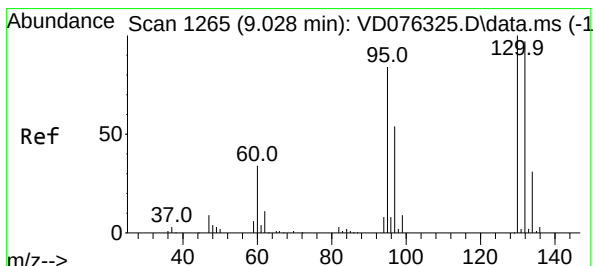
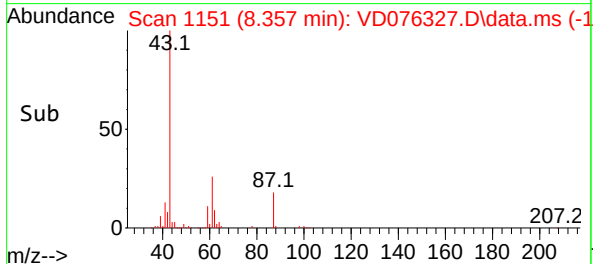
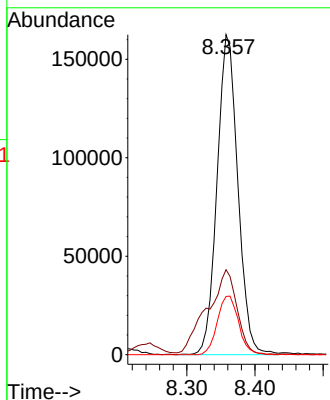
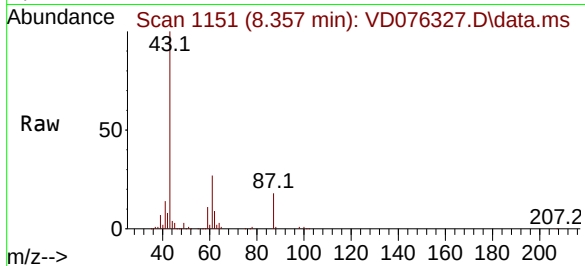




#43
Isopropyl Acetate
Concen: 163.476 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

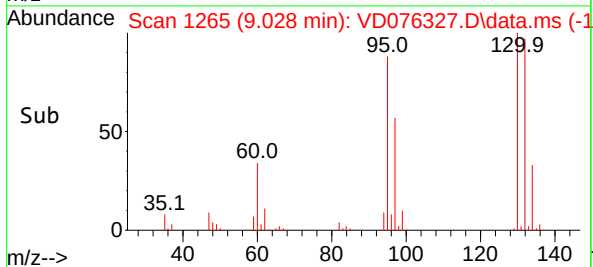
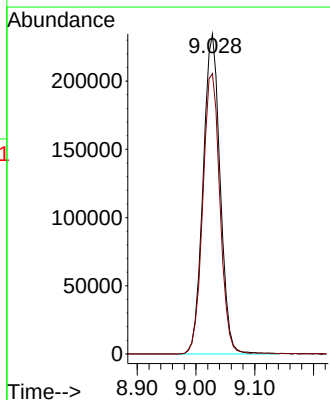
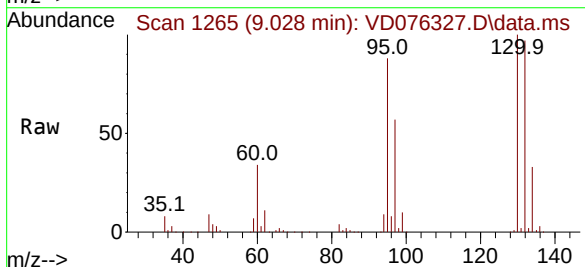
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

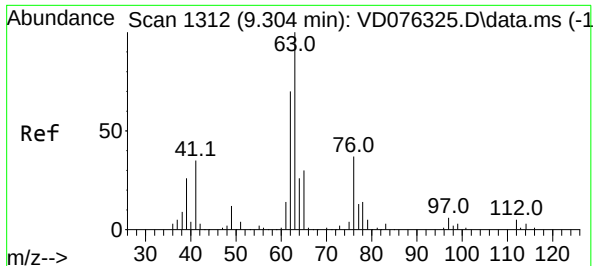
Tgt Ion: 43 Resp: 345067
Ion Ratio Lower Upper
43 100
61 38.1 31.4 47.0
87 18.7 14.9 22.3



#44
Trichloroethene
Concen: 149.841 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 130 Resp: 473140
Ion Ratio Lower Upper
130 100
95 87.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 148.909 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

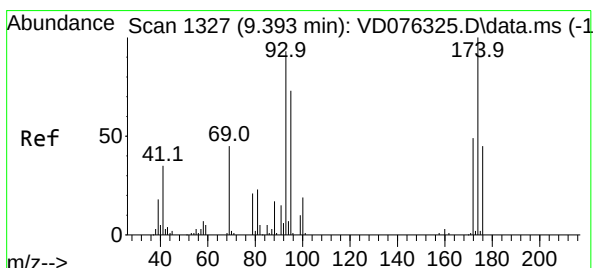
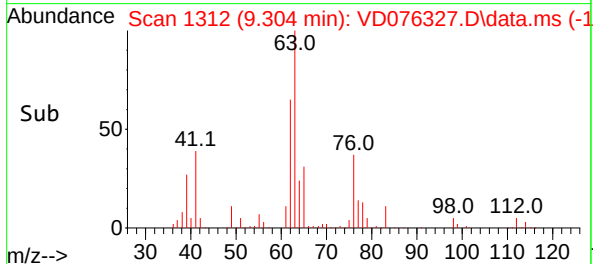
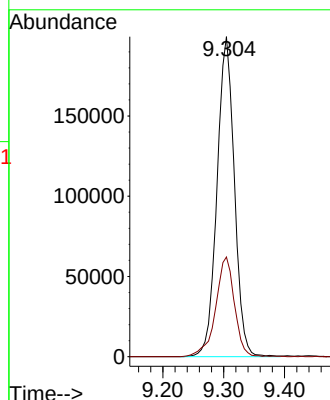
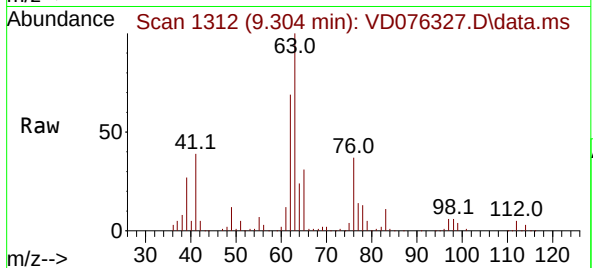
VSTDIC150

Tgt Ion: 63 Resp: 394666

Ion Ratio Lower Upper

63 100

65 31.2 24.5 36.7



#46

Dibromomethane

Concen: 145.627 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

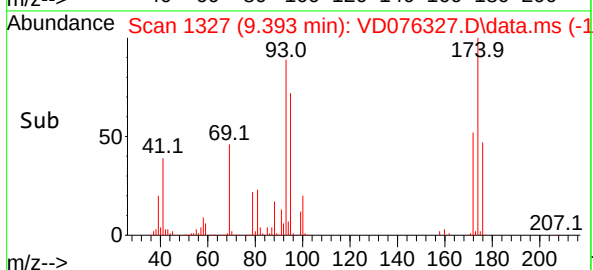
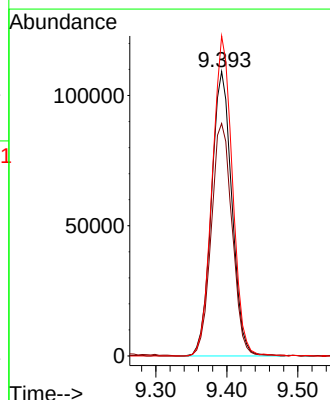
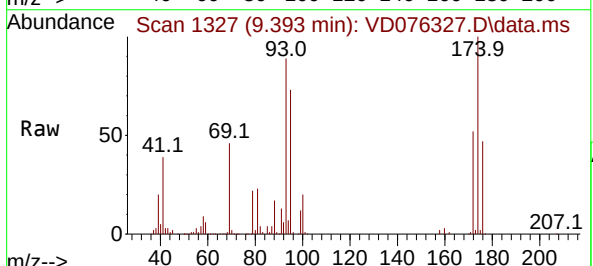
Tgt Ion: 93 Resp: 218480

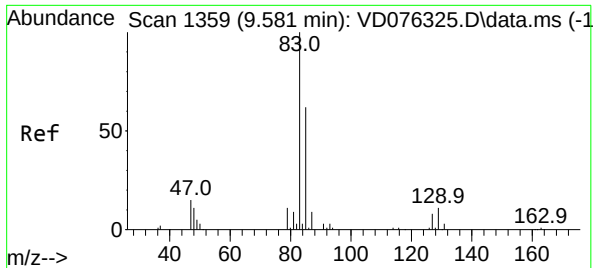
Ion Ratio Lower Upper

93 100

95 83.3 67.7 101.5

174 111.1 85.4 128.2

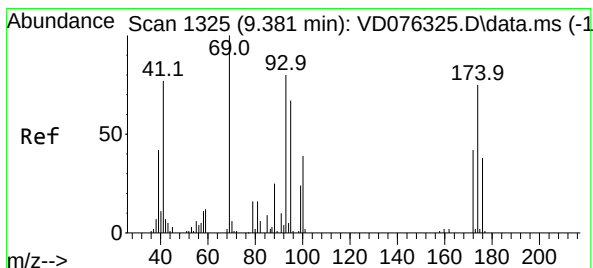
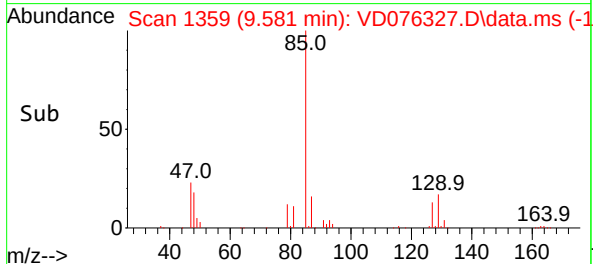
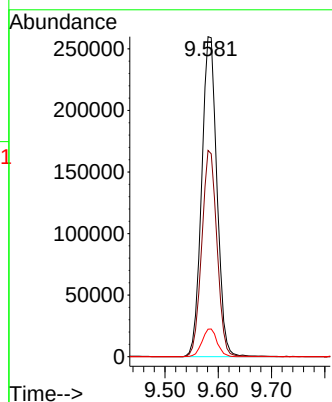
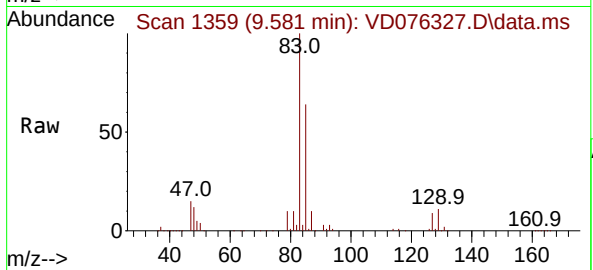




#47
Bromodichloromethane
Concen: 146.938 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

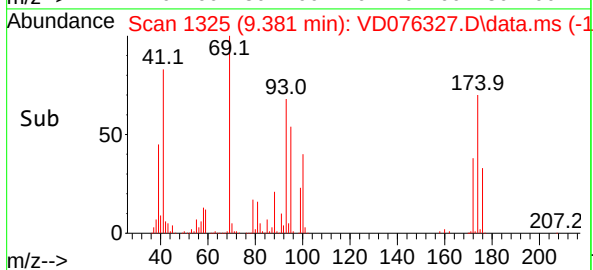
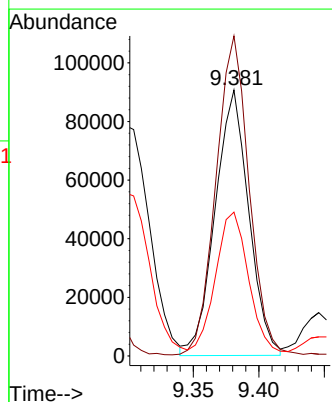
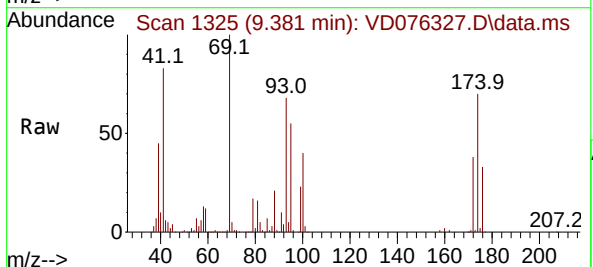
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

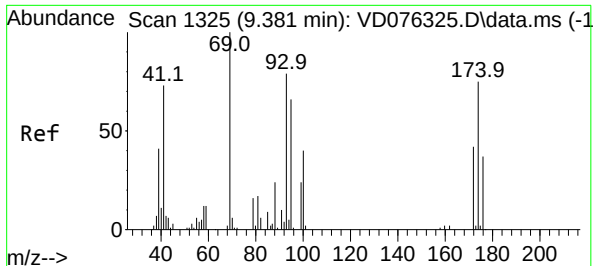
Tgt Ion: 83 Resp: 516786
Ion Ratio Lower Upper
83 100
85 64.4 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 168.931 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 41 Resp: 161539
Ion Ratio Lower Upper
41 100
69 119.3 102.2 153.2
39 50.9 41.4 62.2





#49

1,4-Dioxane

Concen: 3409.356 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

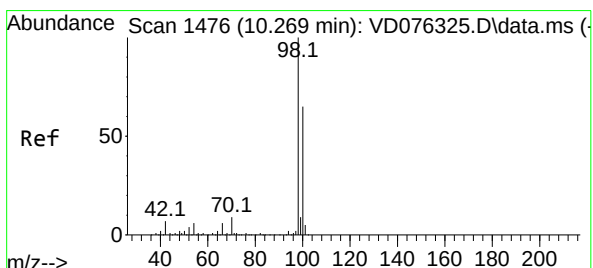
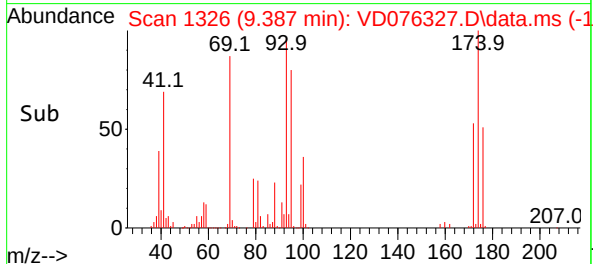
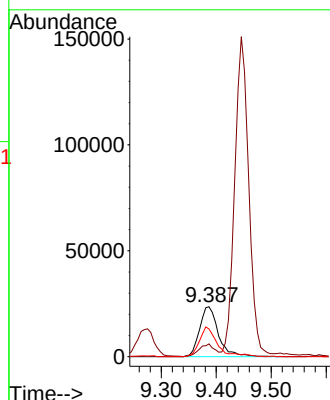
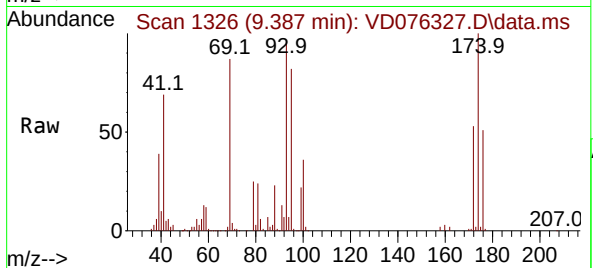
Tgt Ion: 88 Resp: 56061

Ion Ratio Lower Upper

88 100

43 21.0 19.0 28.6

58 56.9 43.5 65.3



#50

Toluene-d8

Concen: 151.843 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076327.D

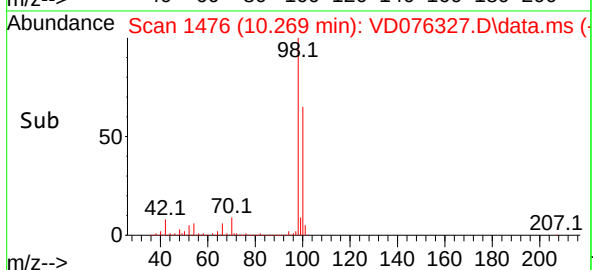
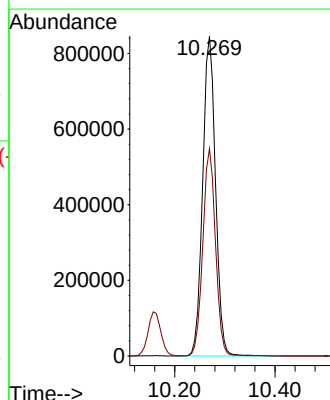
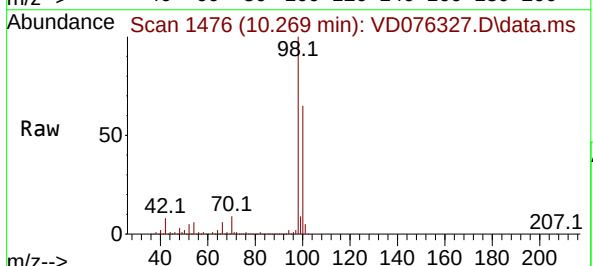
Acq: 05 Jun 2023 15:20

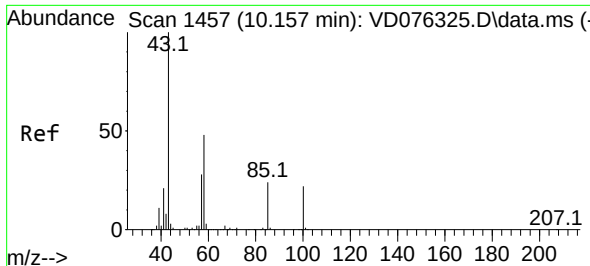
Tgt Ion: 98 Resp: 1502173

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5

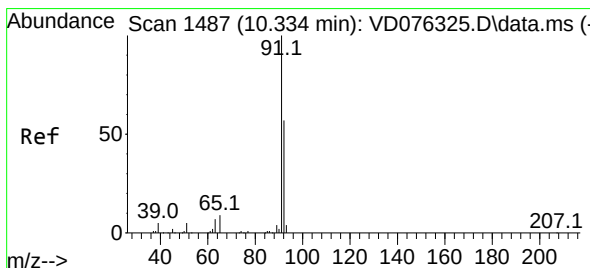
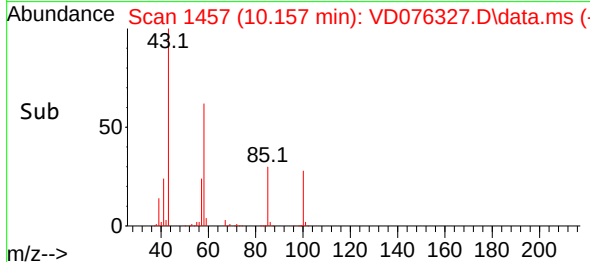
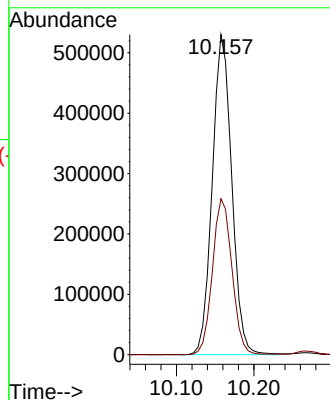
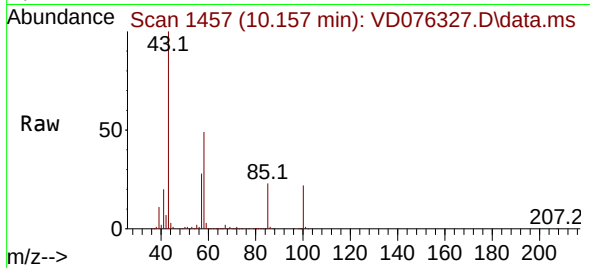




#51
4-Methyl-2-Pentanone
Concen: 833.738 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

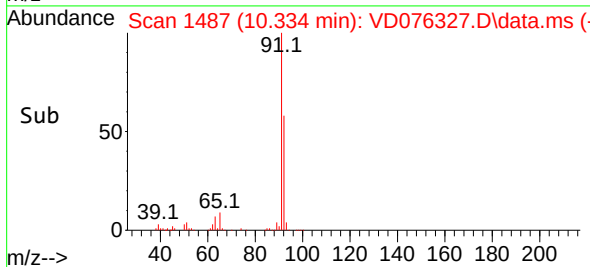
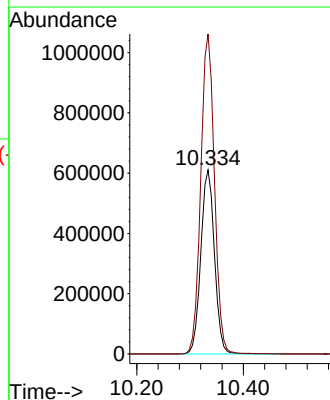
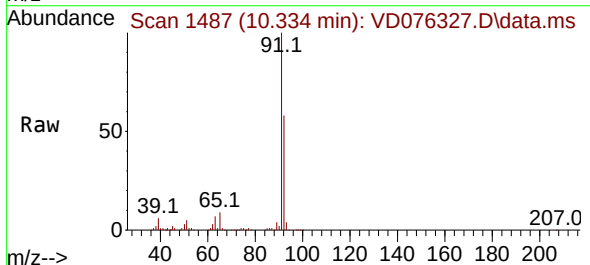
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

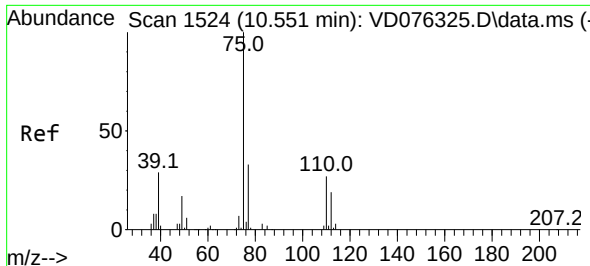
Tgt Ion: 43 Resp: 927634
Ion Ratio Lower Upper
43 100
58 48.8 38.9 58.3



#52
Toluene
Concen: 155.820 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 92 Resp: 1082108
Ion Ratio Lower Upper
92 100
91 174.9 143.0 214.4

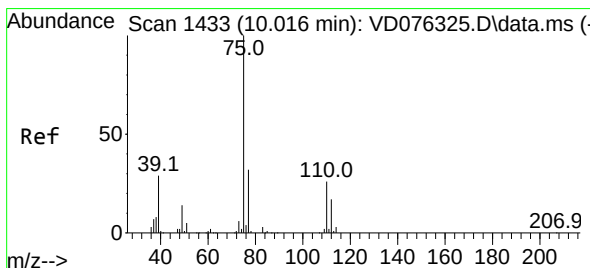
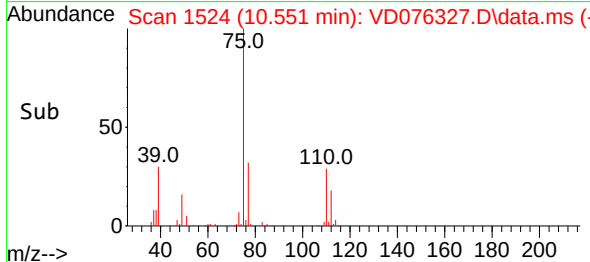
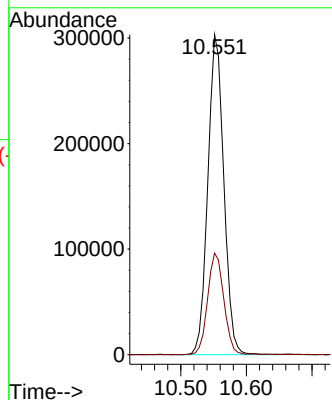
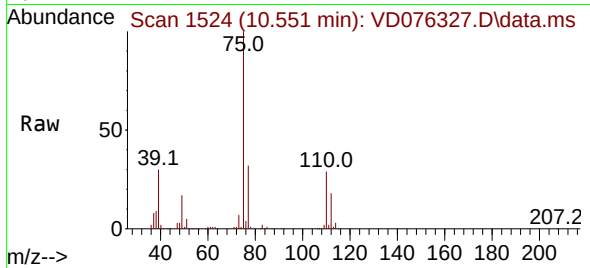




#53
t-1,3-Dichloropropene
Concen: 157.593 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

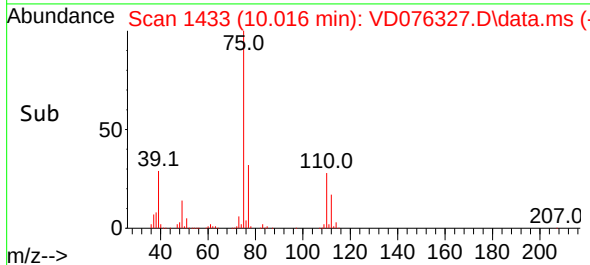
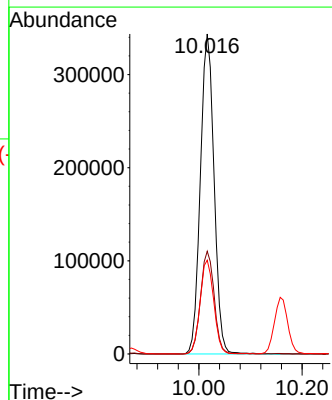
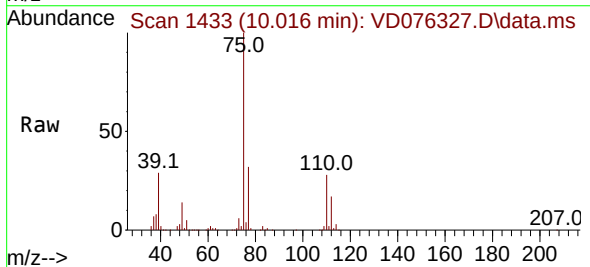
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

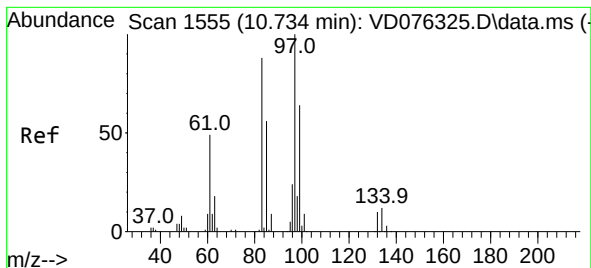
Tgt Ion: 75 Resp: 514385
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 156.625 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 75 Resp: 631757
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3
39 29.3 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 142.812 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 303370

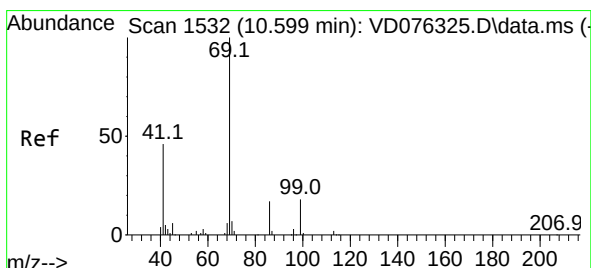
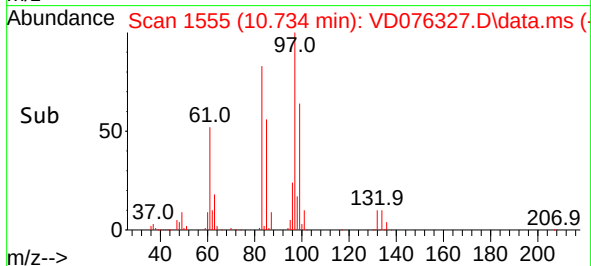
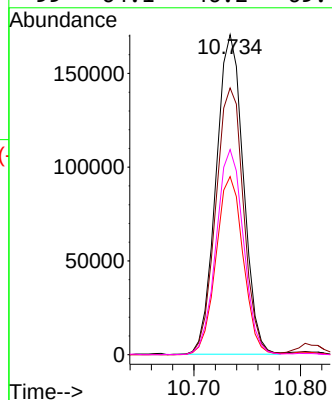
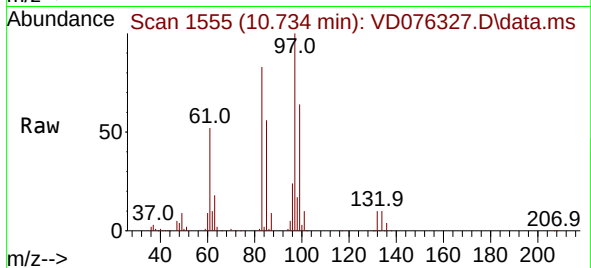
Ion Ratio Lower Upper

97 100

83 83.4 65.8 98.6

85 55.7 45.7 68.5

99 64.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 171.807 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

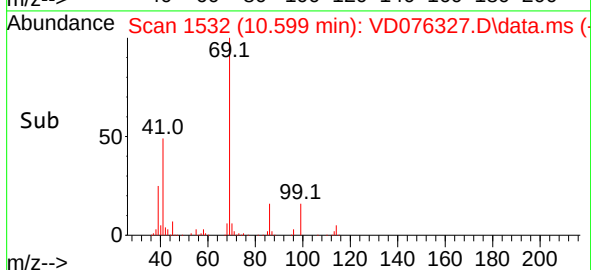
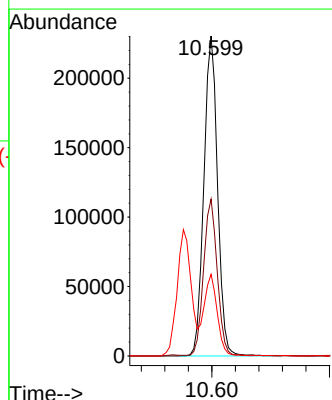
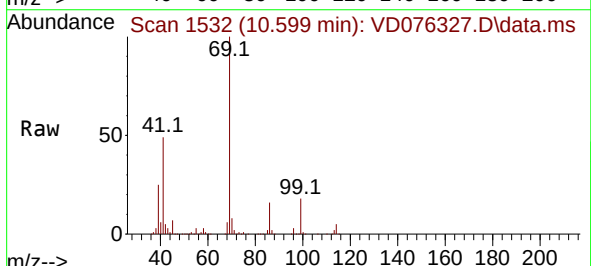
Tgt Ion: 69 Resp: 372231

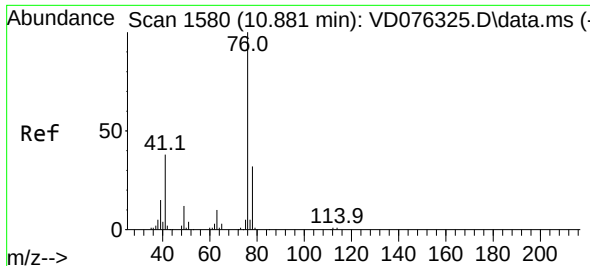
Ion Ratio Lower Upper

69 100

41 48.5 39.1 58.7

39 24.9 20.0 30.0

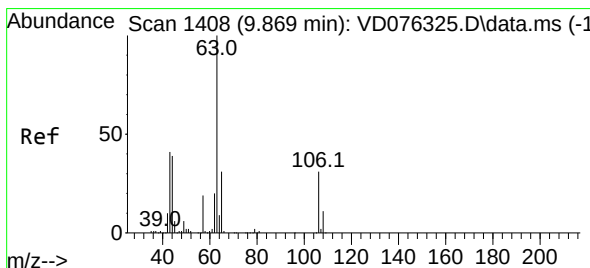
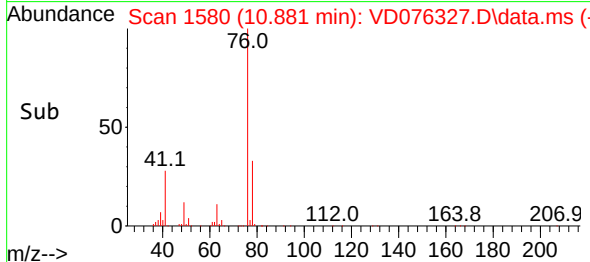
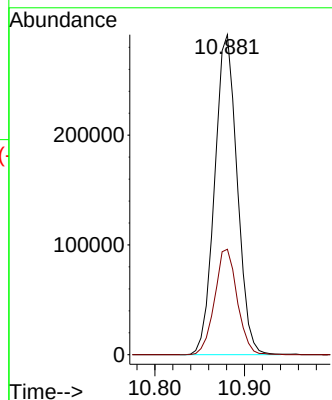
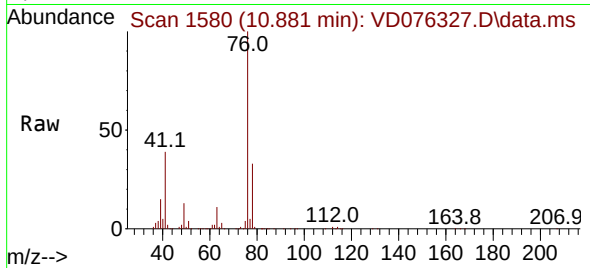




#57
1,3-Dichloropropane
Concen: 150.441 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

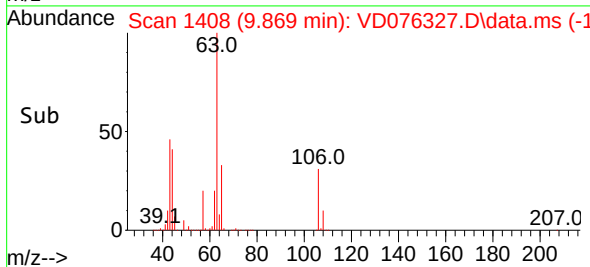
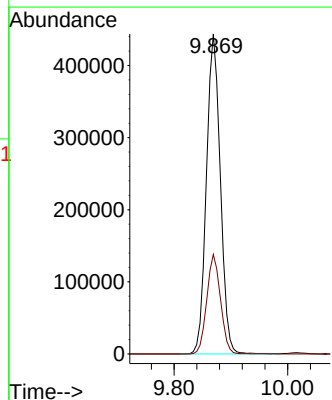
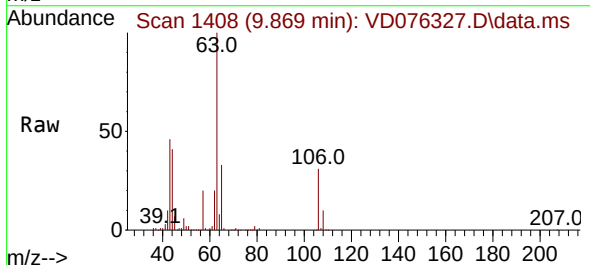
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

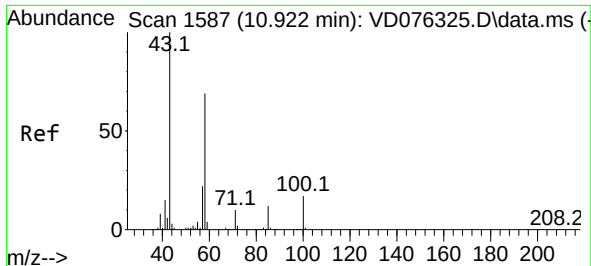
Tgt Ion: 76 Resp: 507576
Ion Ratio Lower Upper
76 100
78 33.0 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 825.958 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 63 Resp: 751345
Ion Ratio Lower Upper
63 100
106 30.6 25.3 37.9

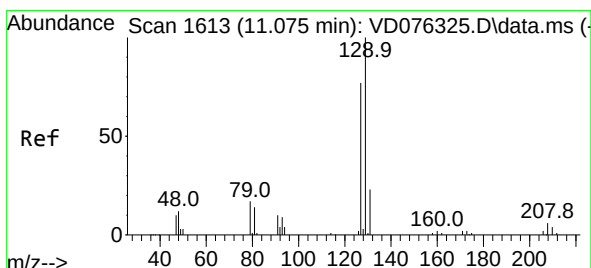
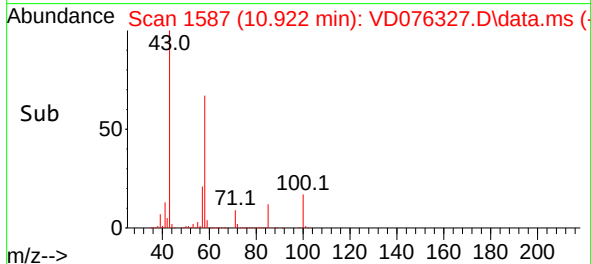
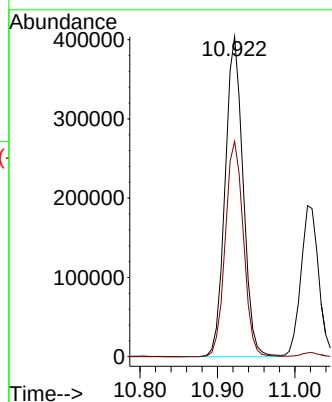
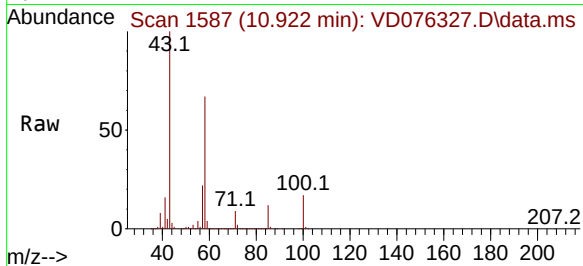




#59
2-Hexanone
Concen: 853.329 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

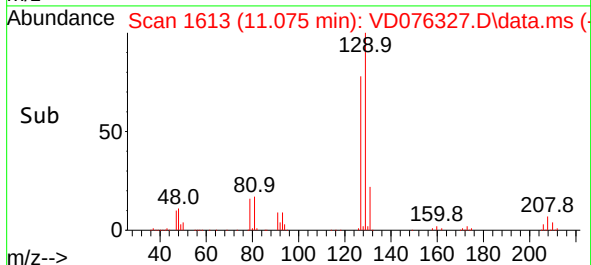
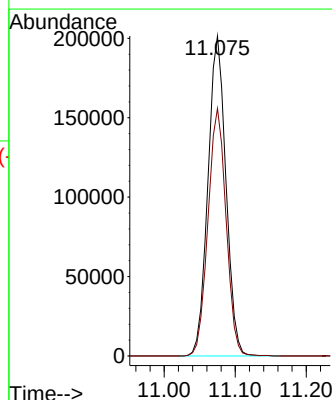
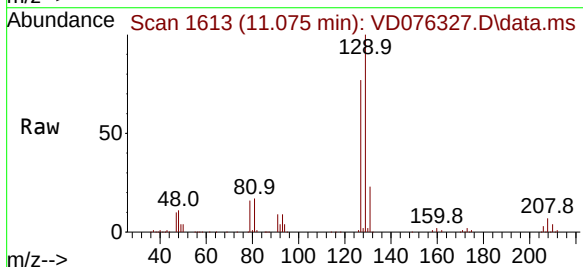
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

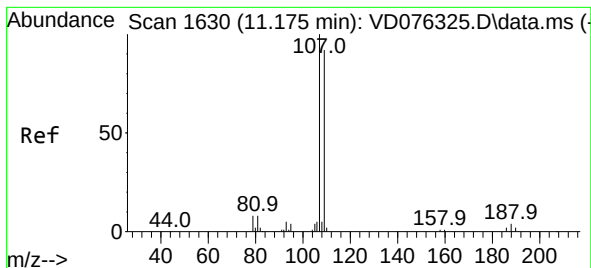
Tgt Ion: 43 Resp: 651413
Ion Ratio Lower Upper
43 100
58 68.0 34.1 102.2



#60
Dibromochloromethane
Concen: 147.231 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 129 Resp: 354540
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5





#61

1,2-Dibromoethane

Concen: 150.308 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

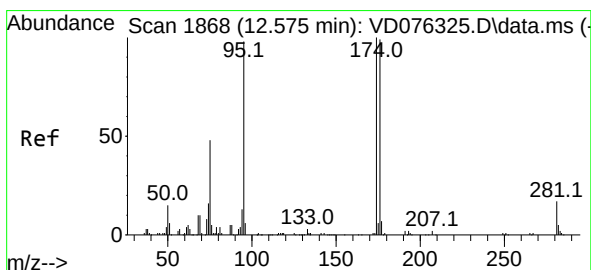
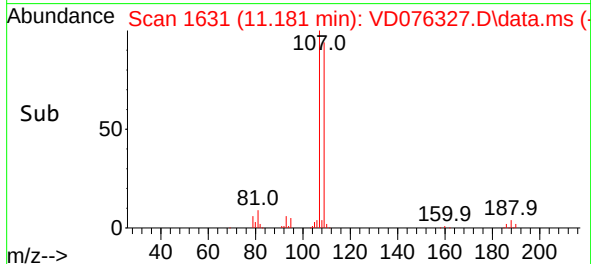
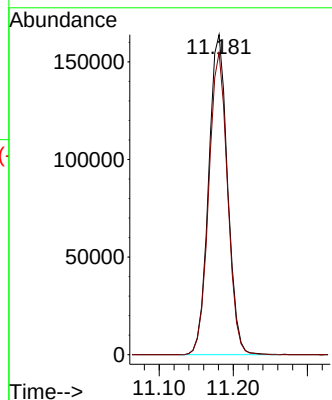
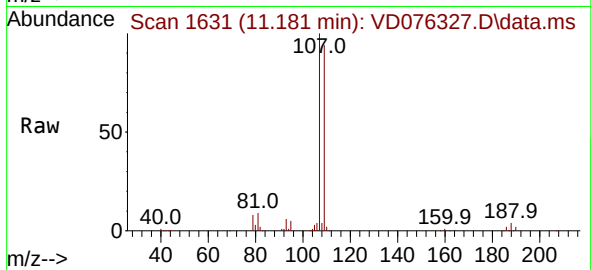
VSTDIC150

Tgt Ion:107 Resp: 290534

Ion Ratio Lower Upper

107 100

109 93.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 156.753 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

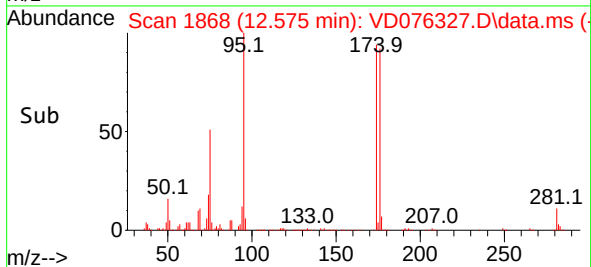
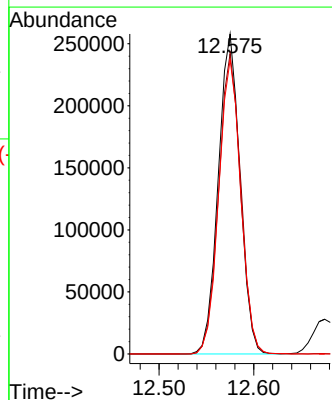
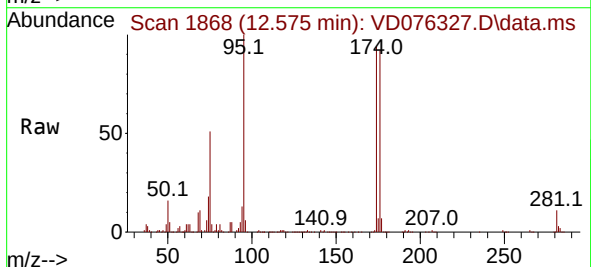
Tgt Ion: 95 Resp: 410393

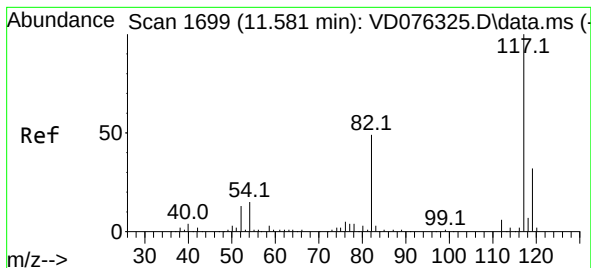
Ion Ratio Lower Upper

95 100

174 95.4 0.0 201.8

176 92.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

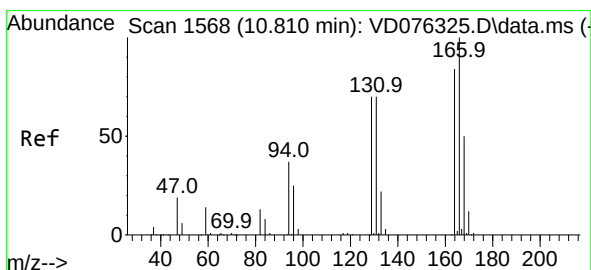
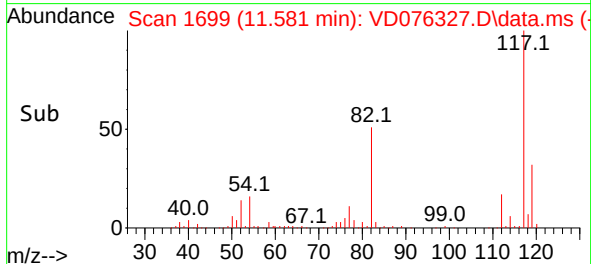
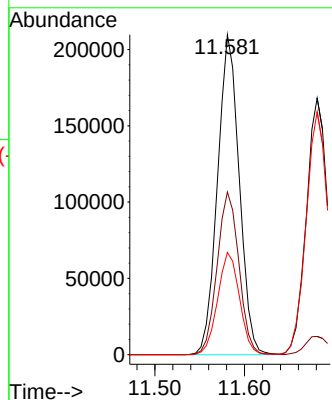
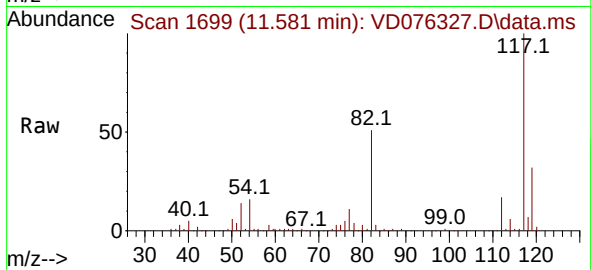
Tgt Ion:117 Resp: 352787

Ion Ratio Lower Upper

117 100

82 50.9 38.3 57.5

119 32.0 25.0 37.4



#64

Tetrachloroethene

Concen: 153.801 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Tgt Ion:164 Resp: 388651

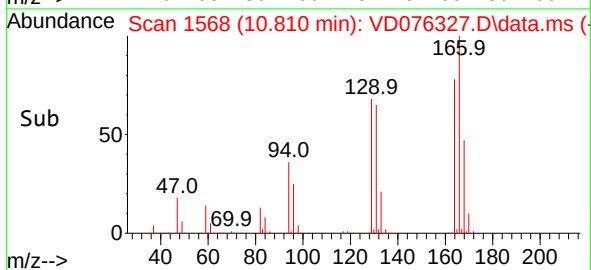
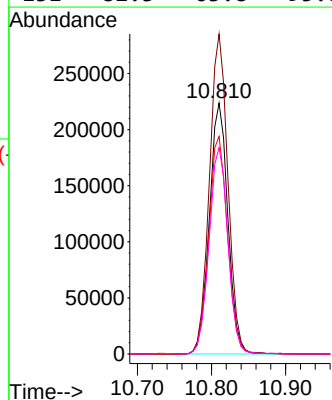
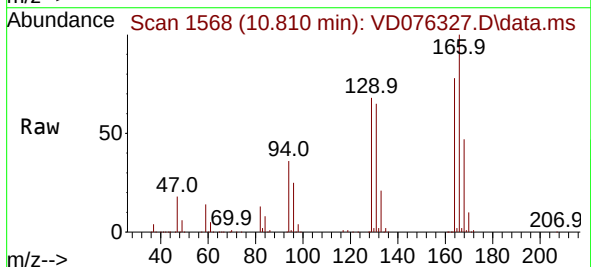
Ion Ratio Lower Upper

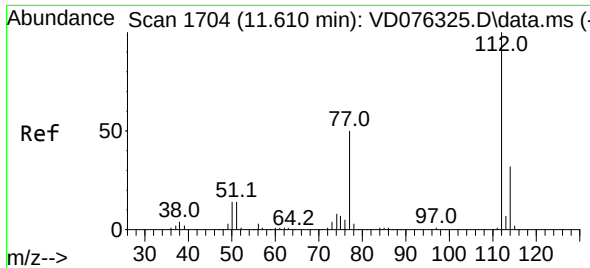
164 100

166 127.5 99.2 148.8

129 86.8 68.4 102.6

131 82.3 63.8 95.8

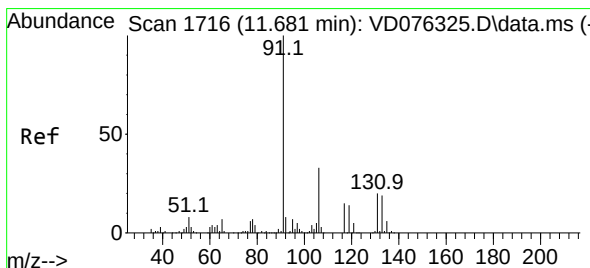
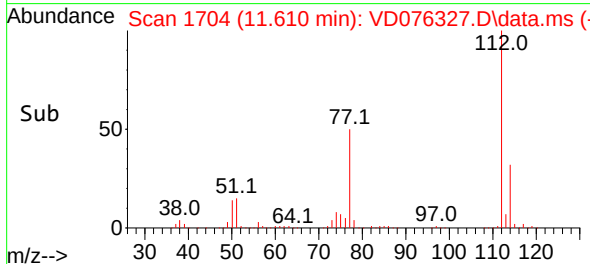
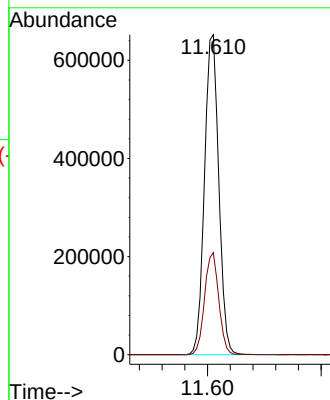
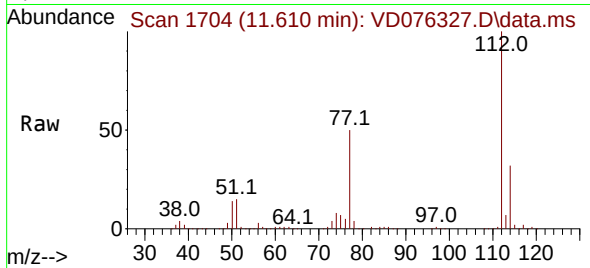




#65
Chlorobenzene
Concen: 150.002 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

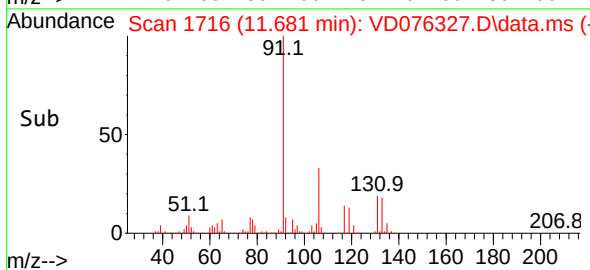
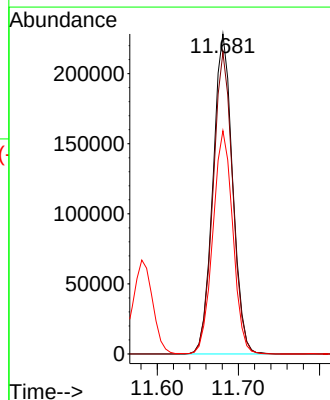
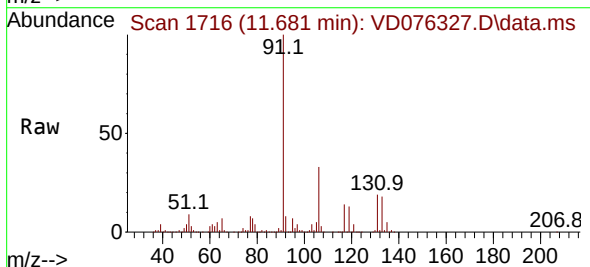
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

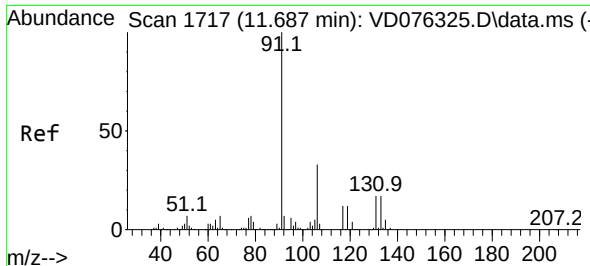
Tgt Ion:112 Resp: 1133820
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 151.429 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion:131 Resp: 384308
Ion Ratio Lower Upper
131 100
133 94.3 48.5 145.5
119 70.6 35.6 106.9





#67

Ethyl Benzene

Concen: 166.283 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

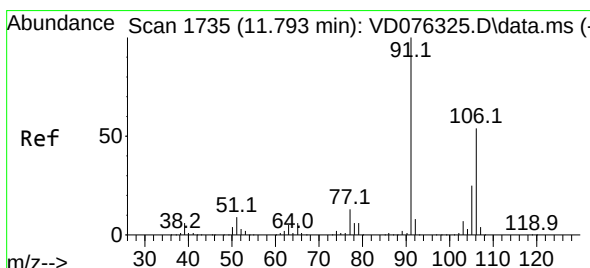
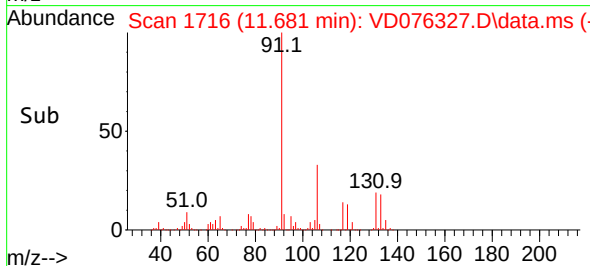
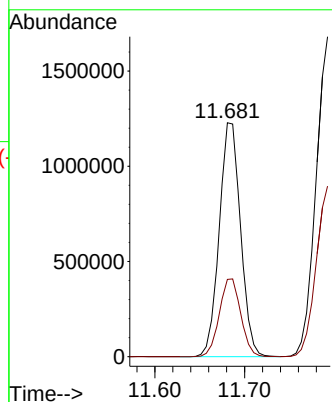
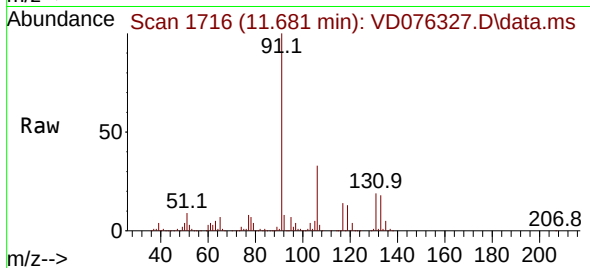
VSTDIC150

Tgt Ion: 91 Resp: 2025569

Ion Ratio Lower Upper

91 100

106 33.1 26.5 39.7



#68

m/p-Xylenes

Concen: 327.496 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD076327.D

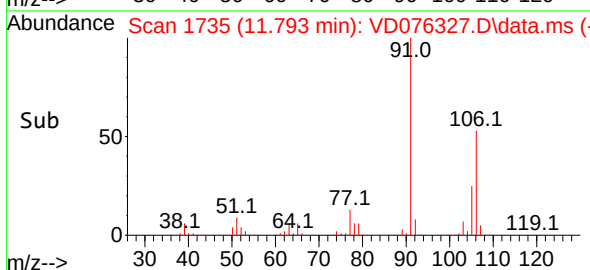
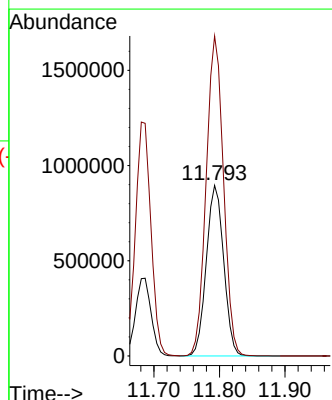
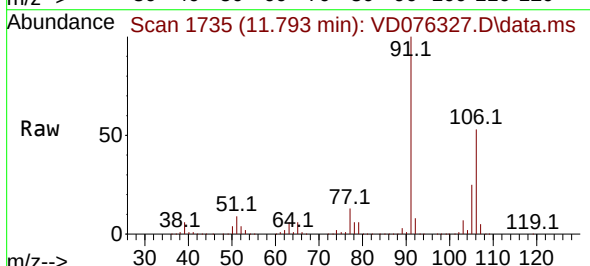
Acq: 05 Jun 2023 15:20

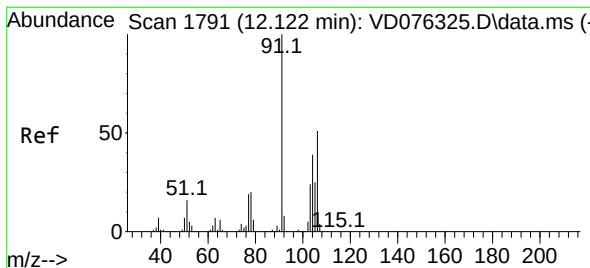
Tgt Ion:106 Resp: 1649129

Ion Ratio Lower Upper

106 100

91 187.0 147.0 220.6





#69

o-Xylene

Concen: 167.682 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

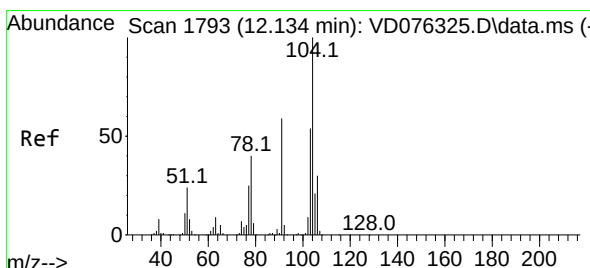
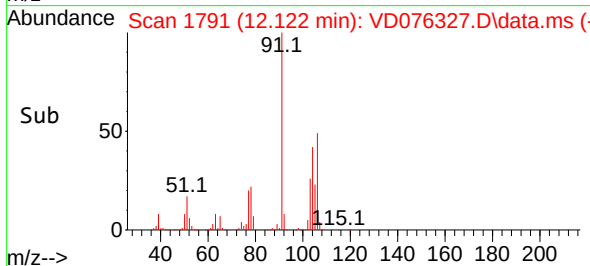
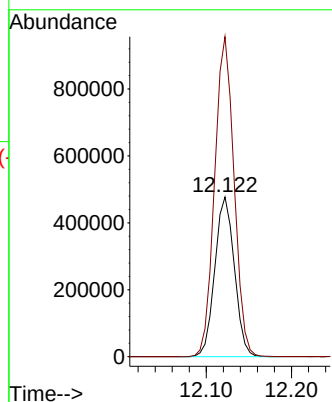
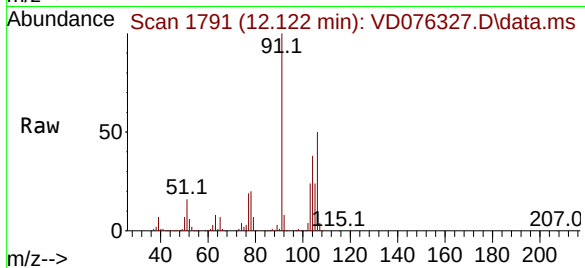
VSTDIC150

Tgt Ion:106 Resp: 761291

Ion Ratio Lower Upper

106 100

91 199.5 97.9 293.6



#70

Styrene

Concen: 164.343 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

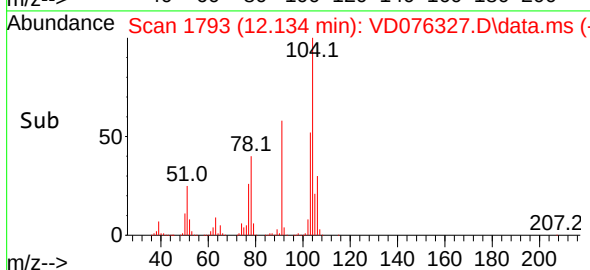
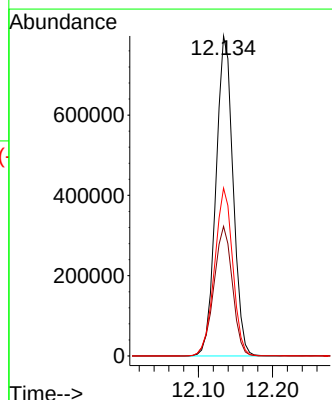
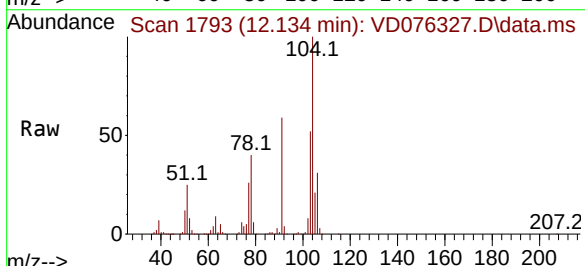
Tgt Ion:104 Resp: 1279575

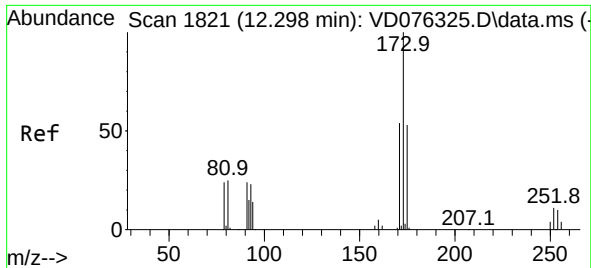
Ion Ratio Lower Upper

104 100

78 43.7 33.2 49.8

103 55.5 43.6 65.4

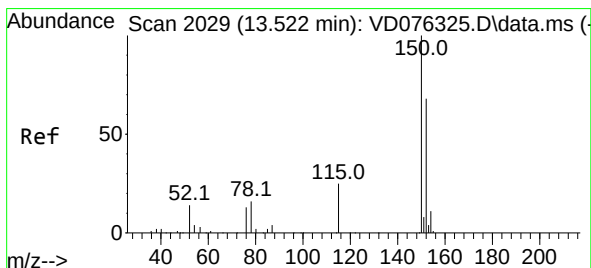
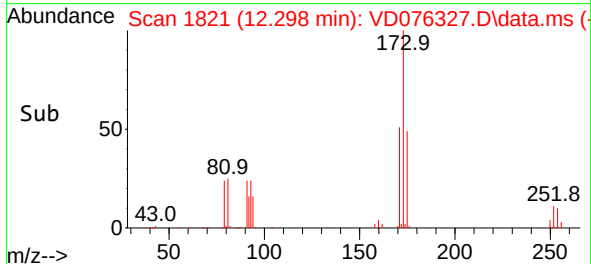
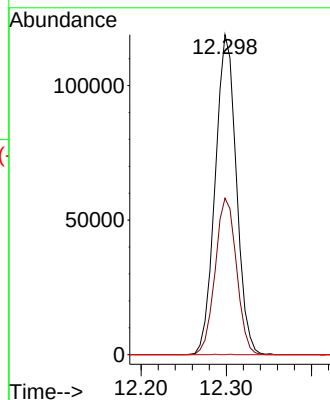
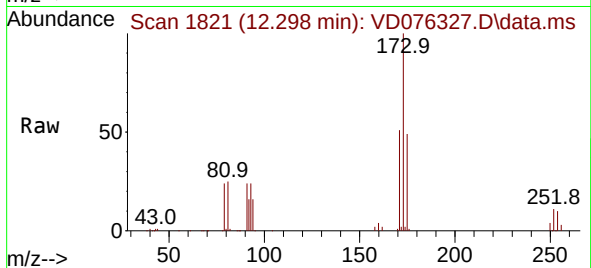




#71
Bromoform
Concen: 149.873 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

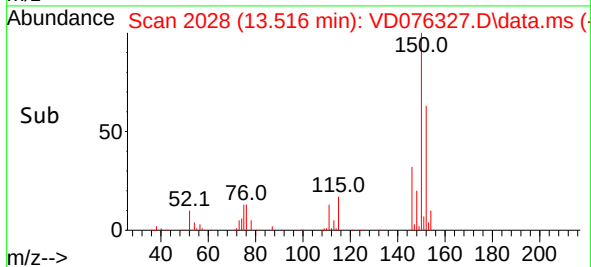
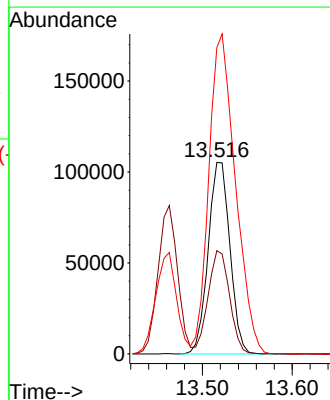
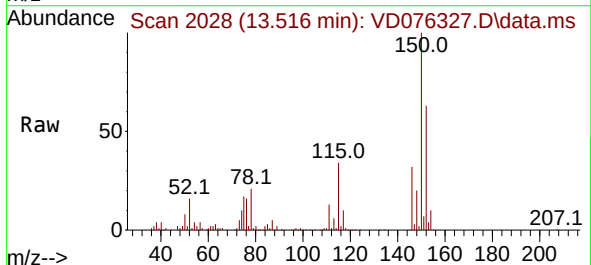
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

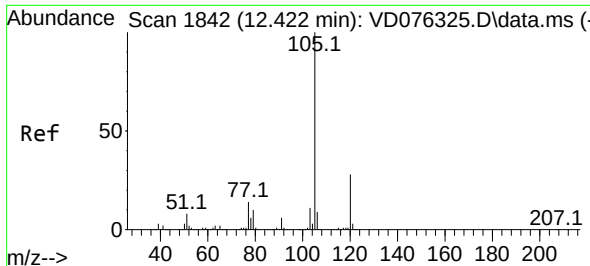
Tgt Ion:173 Resp: 205202
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion:152 Resp: 177287
Ion Ratio Lower Upper
152 100
115 53.6 27.1 81.3
150 203.8 0.0 353.6

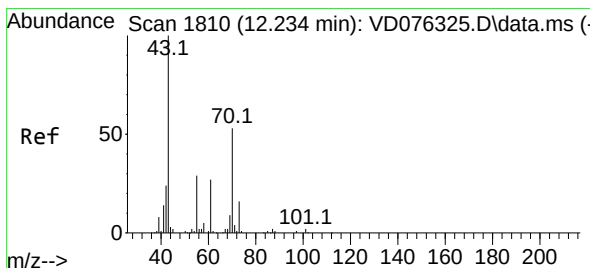
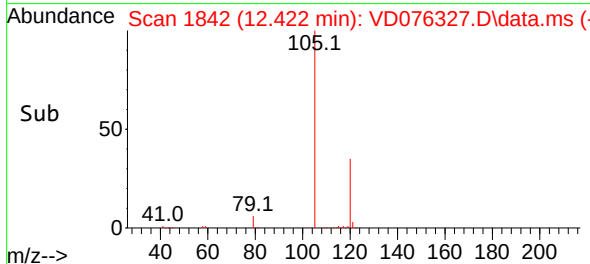
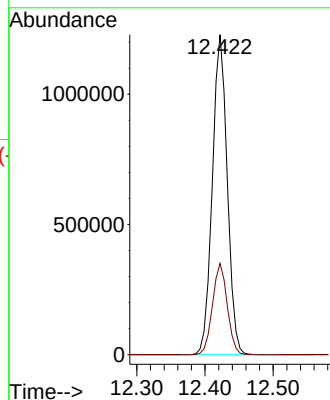
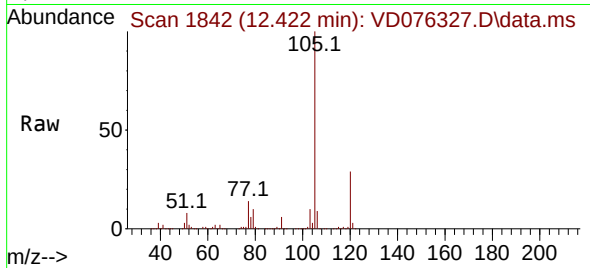




#73
Isopropylbenzene
Concen: 164.560 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

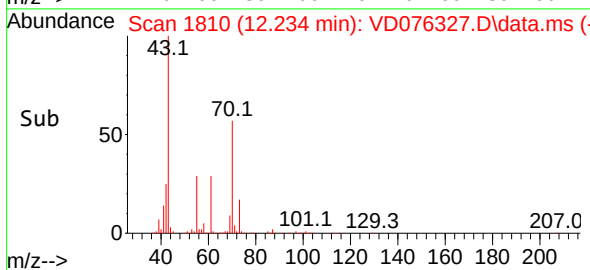
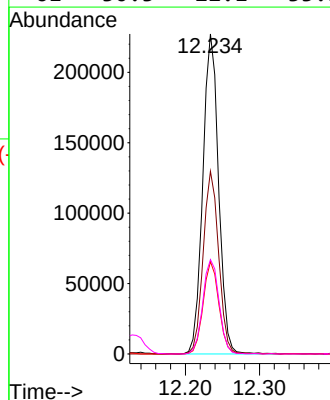
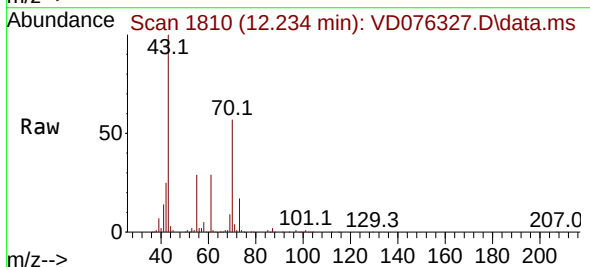
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

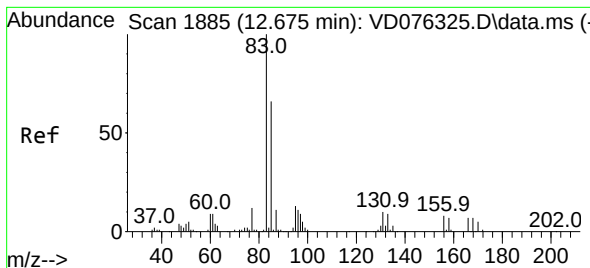
Tgt Ion:105 Resp: 1867687
Ion Ratio Lower Upper
105 100
120 28.2 14.3 42.9



#74
N-ethyl acetate
Concen: 172.686 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 43 Resp: 336090
Ion Ratio Lower Upper
43 100
70 56.1 45.0 67.4
55 28.8 23.8 35.6
61 30.3 22.1 33.1

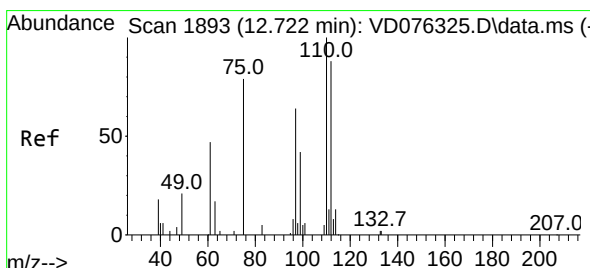
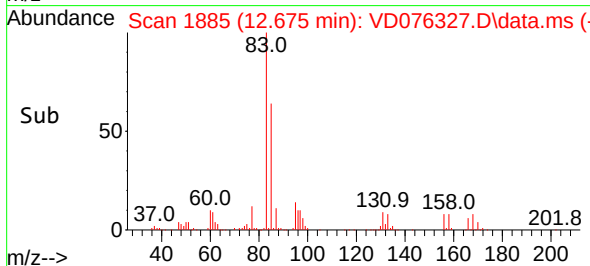
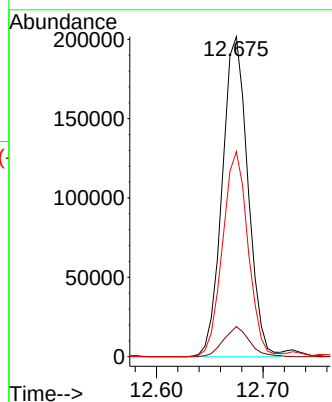
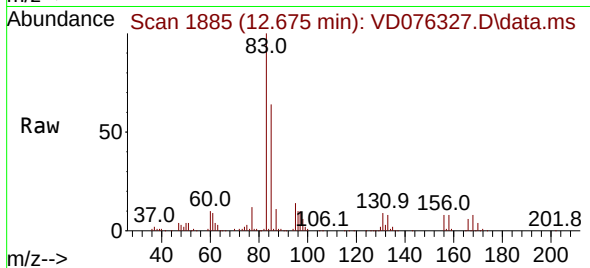




#75
1,1,2,2-Tetrachloroethane
Concen: 148.587 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

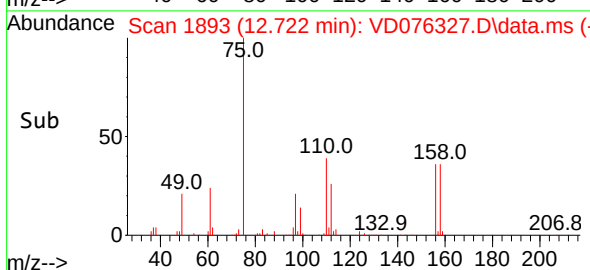
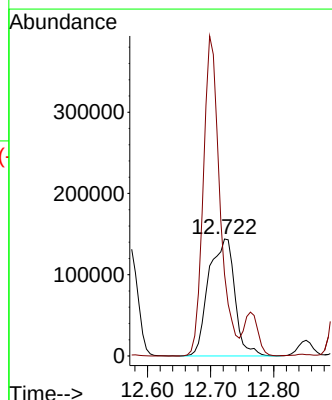
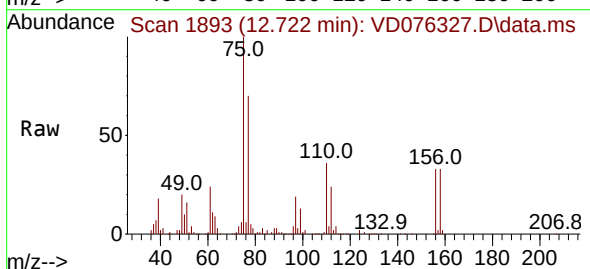
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

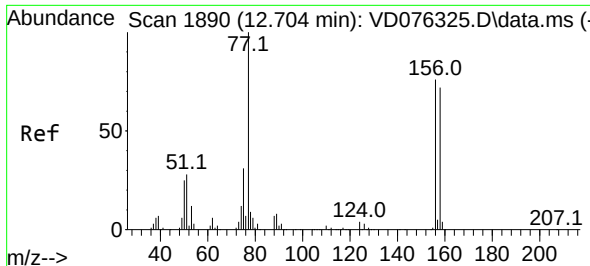
Tgt Ion: 83 Resp: 337588
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 63.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 240.807 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 75 Resp: 413914
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

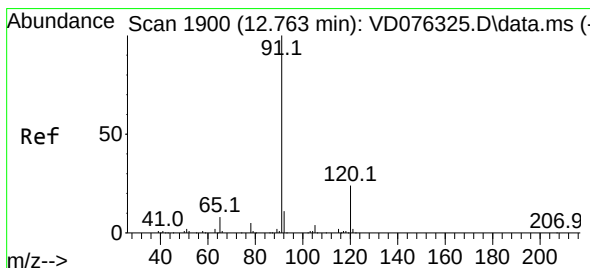
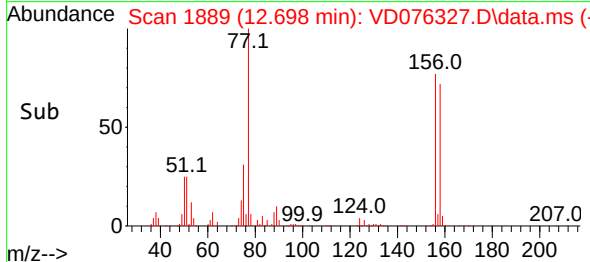
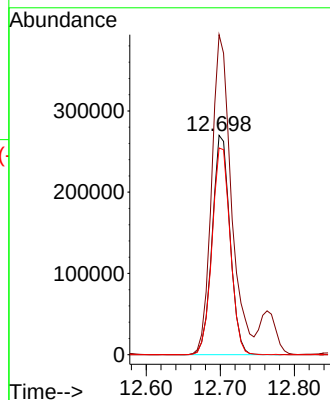
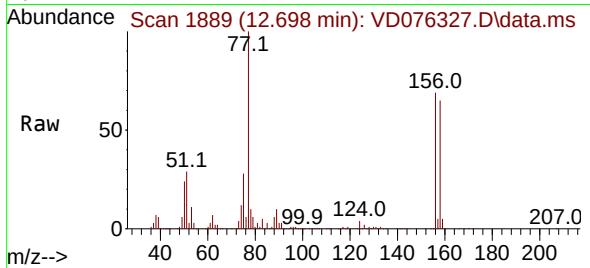




#77
Bromobenzene
Concen: 151.000 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

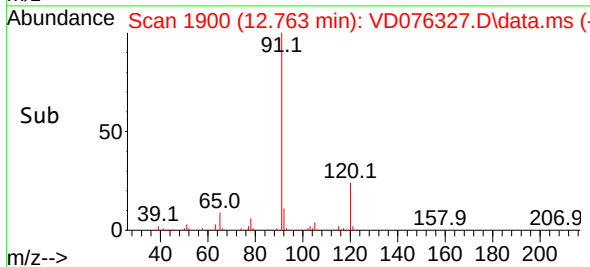
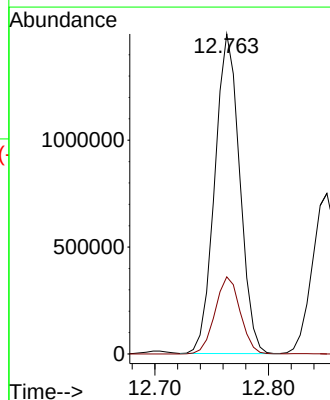
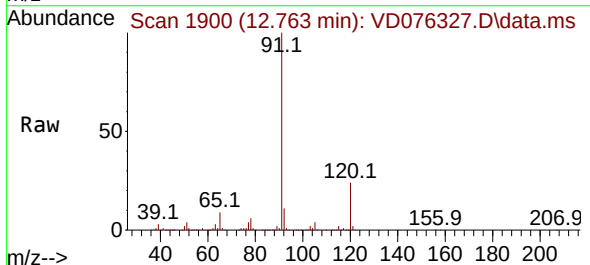
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

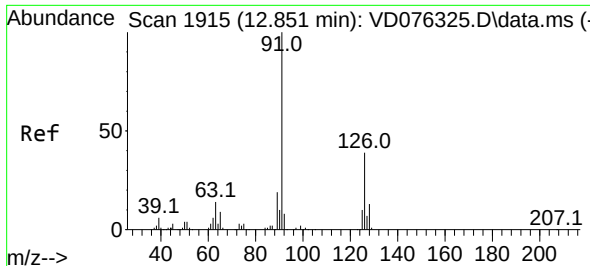
Tgt Ion:156 Resp: 450607
Ion Ratio Lower Upper
156 100
77 161.0 76.8 230.4
158 96.3 48.6 145.9



#78
n-propylbenzene
Concen: 162.432 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 91 Resp: 2279254
Ion Ratio Lower Upper
91 100
120 24.3 12.4 37.2

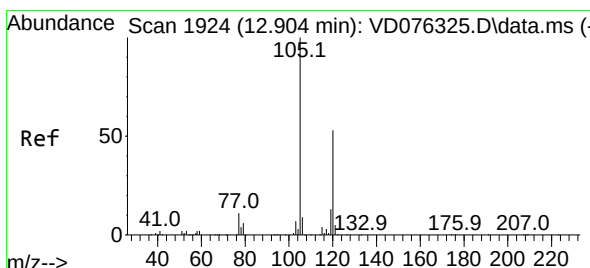
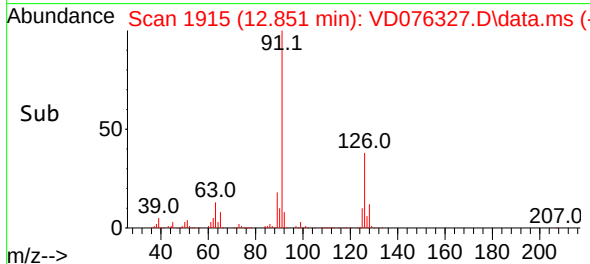
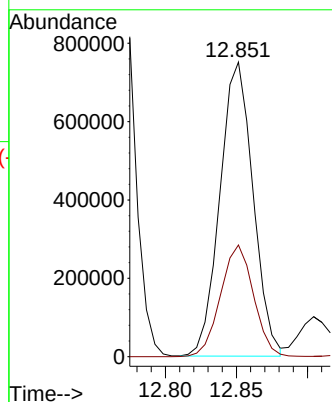
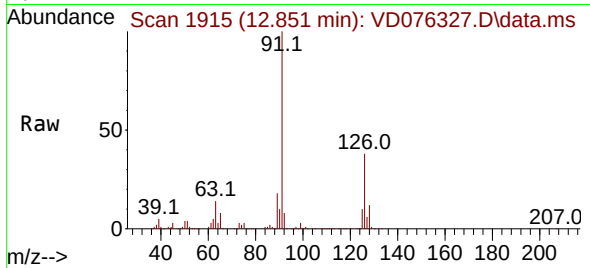




#79
2-Chlorotoluene
Concen: 159.236 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

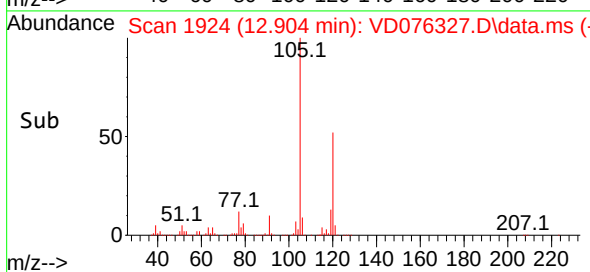
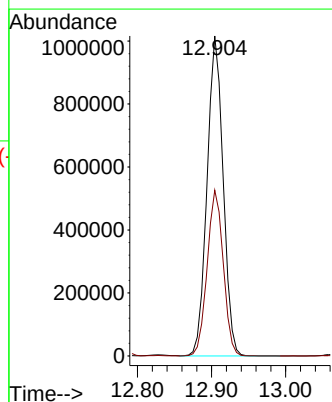
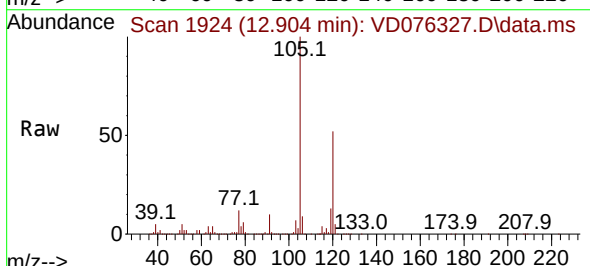
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

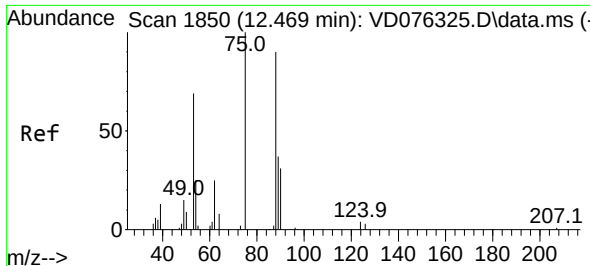
Tgt Ion: 91 Resp: 1218795
Ion Ratio Lower Upper
91 100
126 37.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 163.840 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 105 Resp: 1533358
Ion Ratio Lower Upper
105 100
120 51.8 26.4 79.2

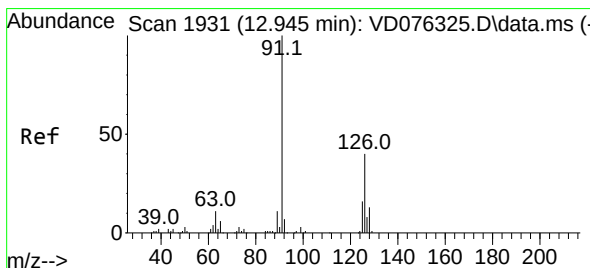
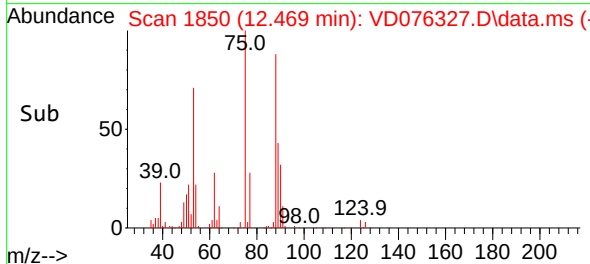
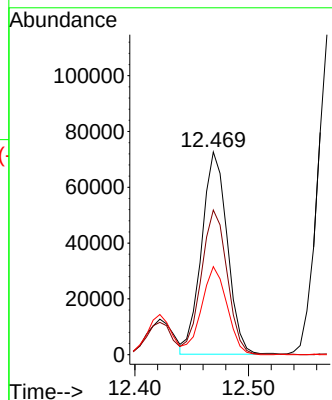
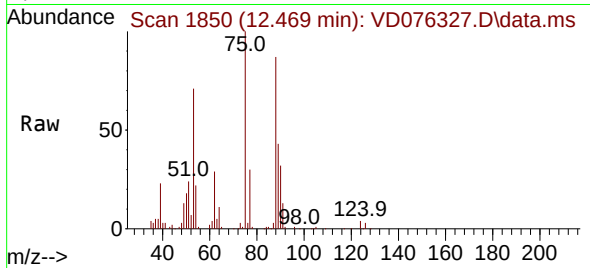




#81
trans-1,4-Dichloro-2-butene
Concen: 164.849 ug/l
RT: 12.469 min Scan# 113905
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

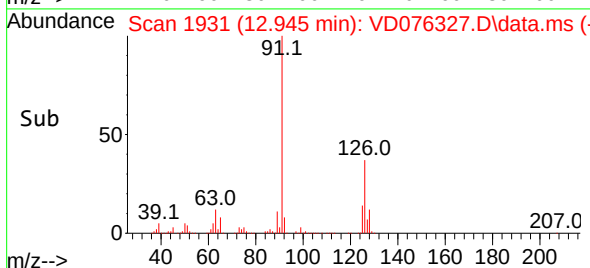
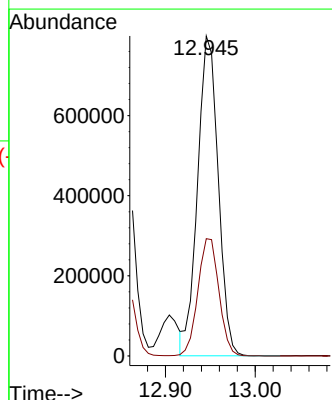
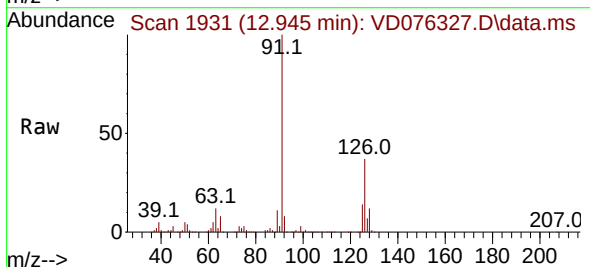
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

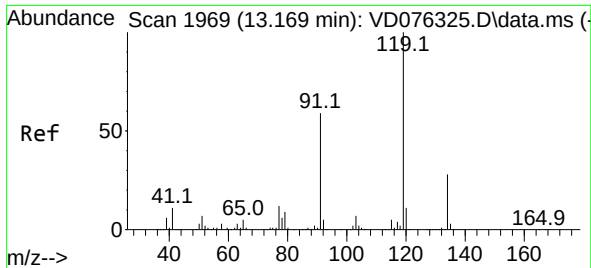
Tgt Ion: 75 Resp: 113905
Ion Ratio Lower Upper
75 100
53 72.8 63.0 94.4
89 43.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 156.416 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 91 Resp: 1274710
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.4

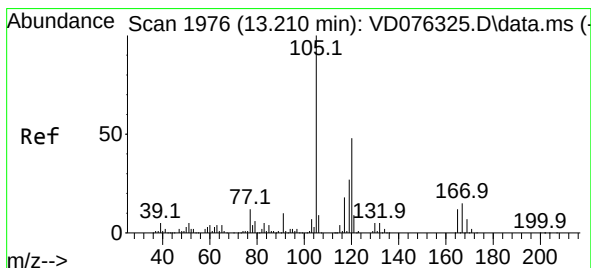
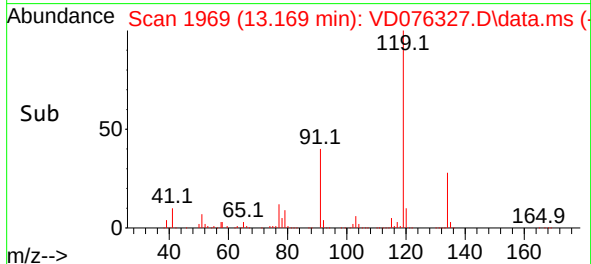
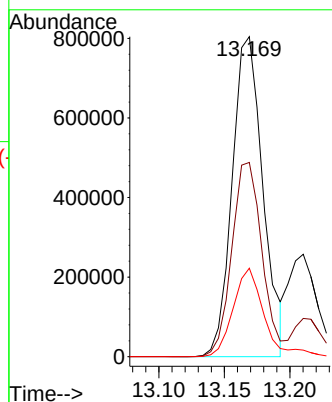
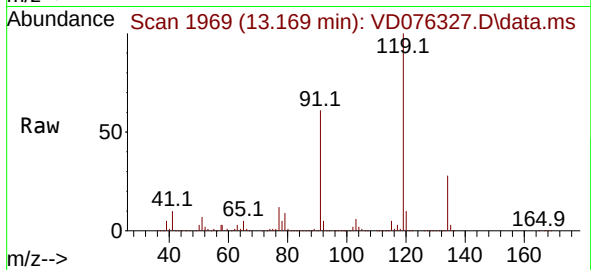




#83
tert-Butylbenzene
Concen: 167.276 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

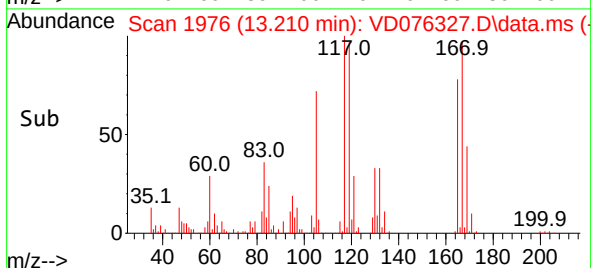
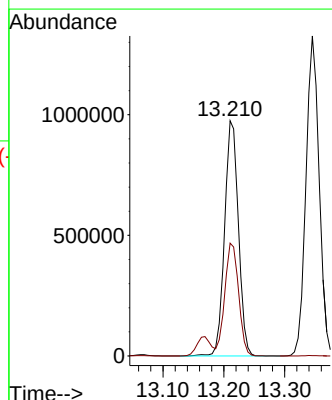
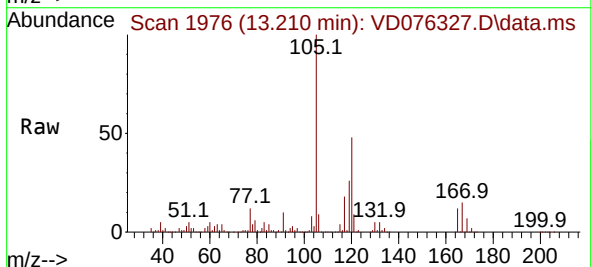
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

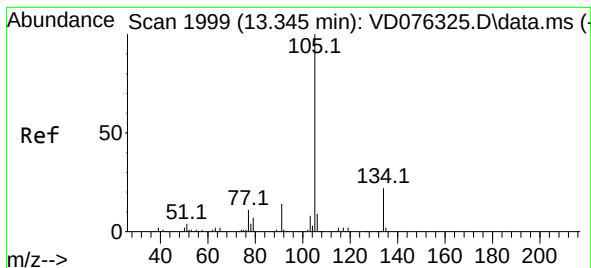
Tgt Ion:119 Resp: 1312776
Ion Ratio Lower Upper
119 100
91 59.4 29.3 87.8
134 27.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 164.499 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion:105 Resp: 1537574
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 165.099 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

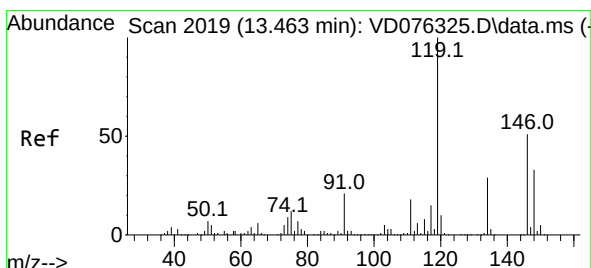
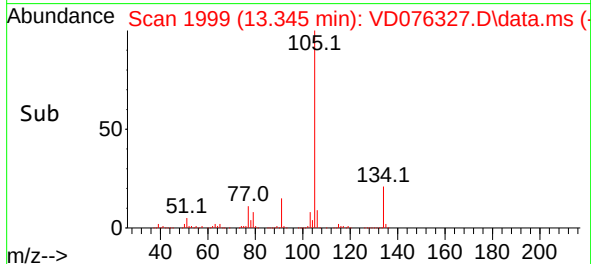
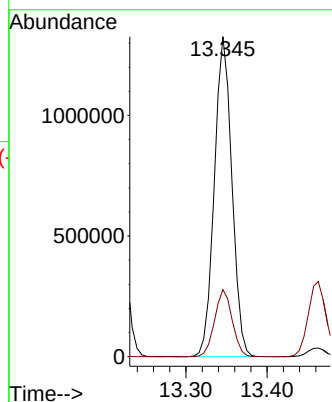
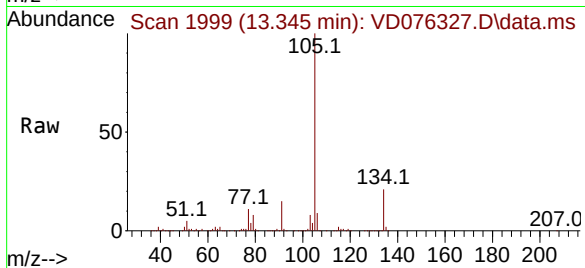
VSTDIC150

Tgt Ion:105 Resp: 1992983

Ion Ratio Lower Upper

105 100

134 21.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 168.685 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

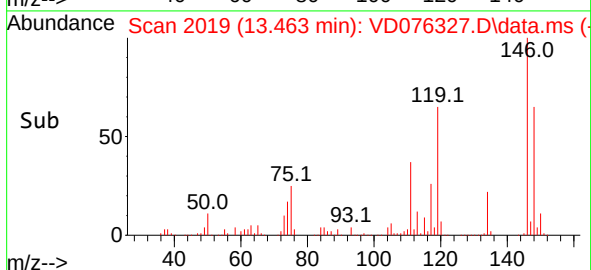
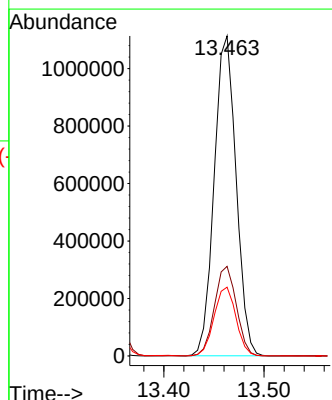
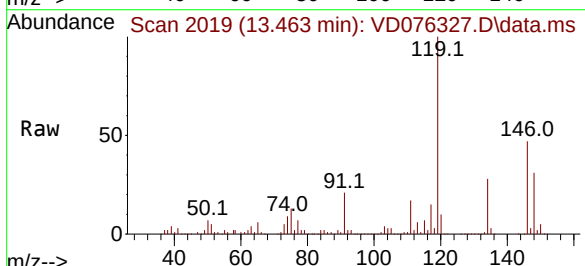
Tgt Ion:119 Resp: 1687813

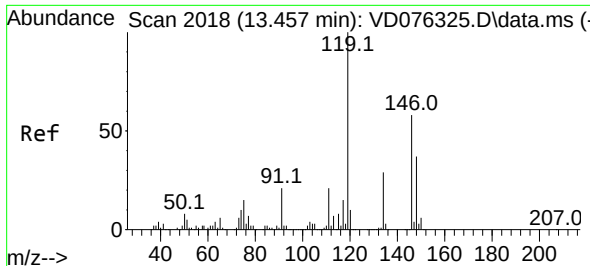
Ion Ratio Lower Upper

119 100

134 28.1 14.2 42.6

91 21.5 10.5 31.5

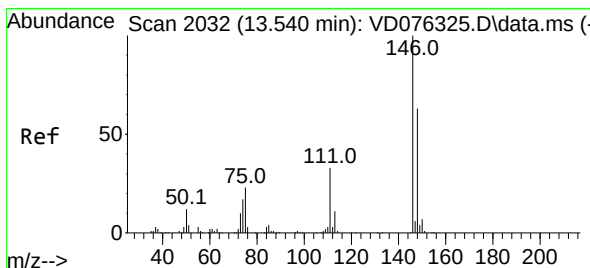
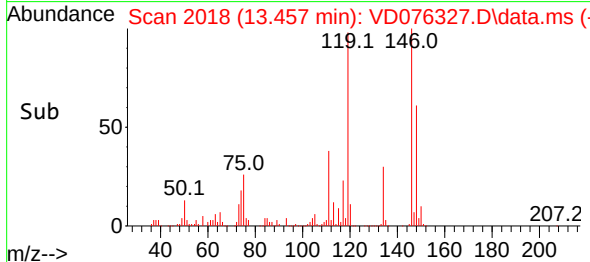
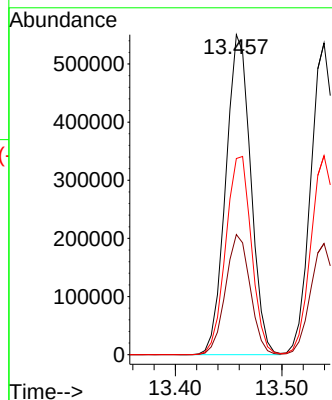
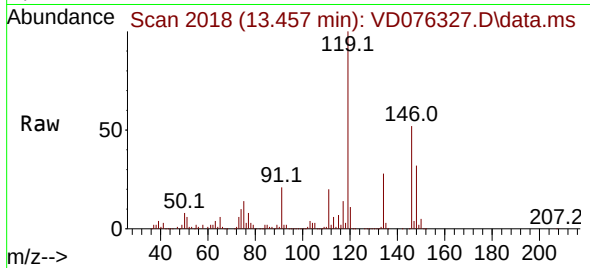




#87
1,3-Dichlorobenzene
Concen: 149.069 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

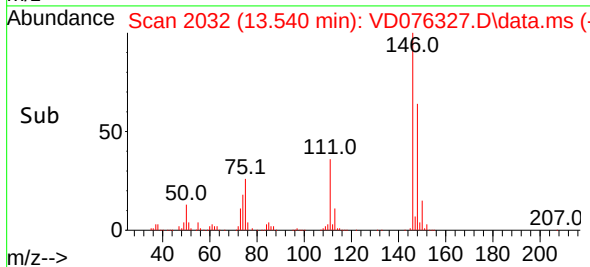
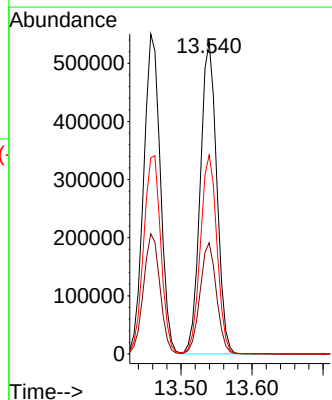
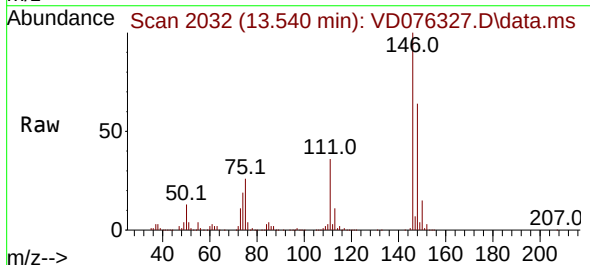
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

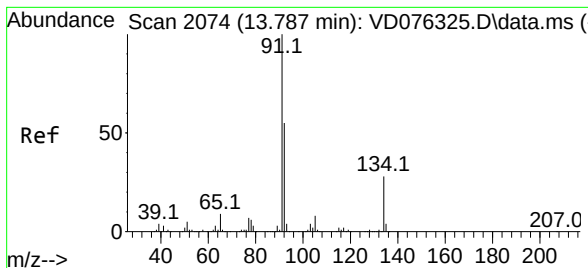
Tgt Ion:146 Resp: 896749
Ion Ratio Lower Upper
146 100
111 37.1 17.9 53.8
148 63.7 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 142.784 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion:146 Resp: 869692
Ion Ratio Lower Upper
146 100
111 35.3 17.4 52.3
148 63.9 31.7 95.1





#89

n-Butylbenzene

Concen: 170.091 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

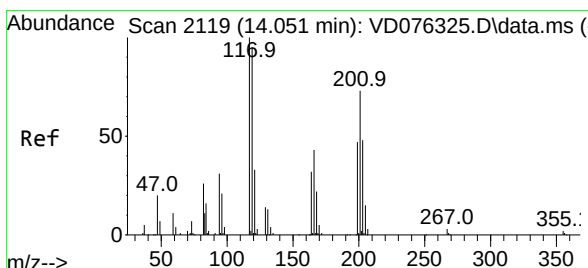
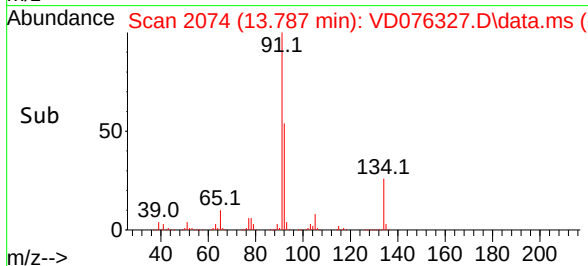
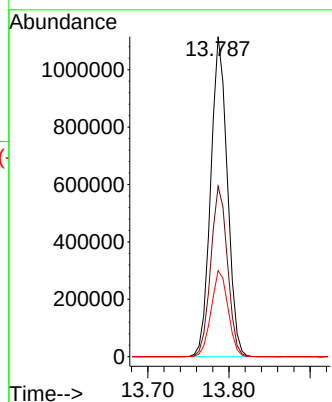
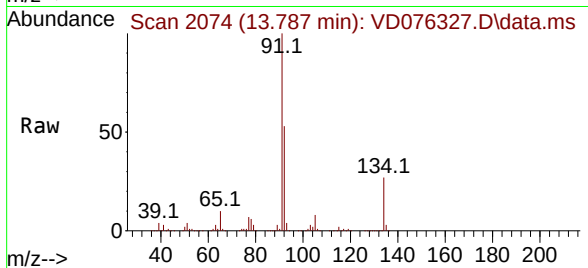
Tgt Ion: 91 Resp: 1581818

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.5

134 27.4 13.8 41.3



#90

Hexachloroethane

Concen: 151.719 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD076327.D

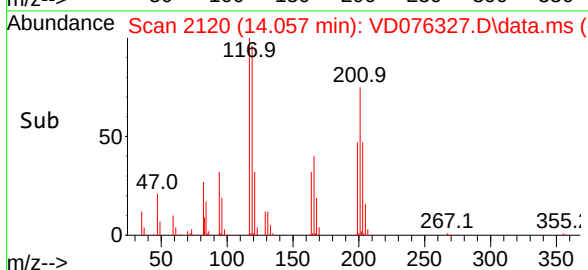
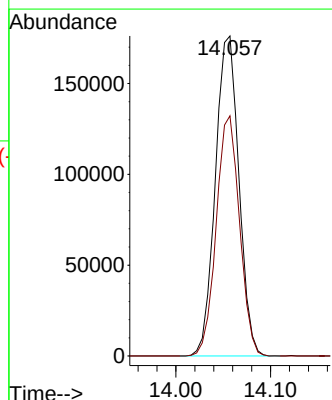
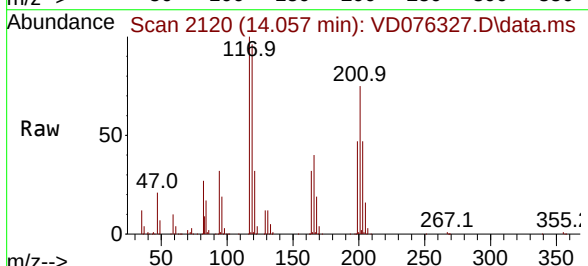
Acq: 05 Jun 2023 15:20

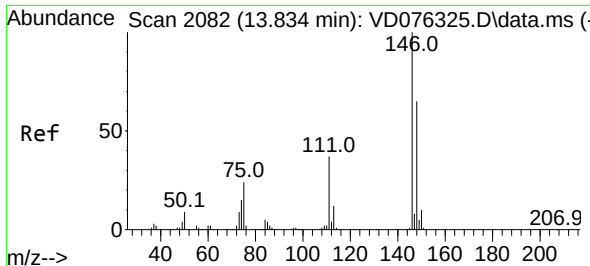
Tgt Ion: 117 Resp: 304796

Ion Ratio Lower Upper

117 100

201 74.2 38.5 115.5

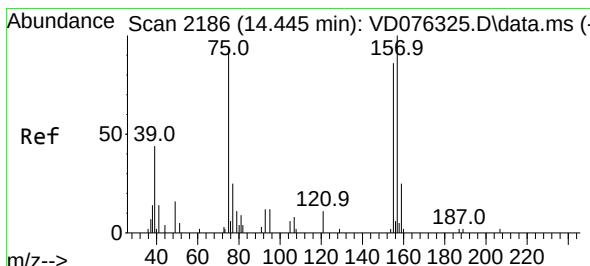
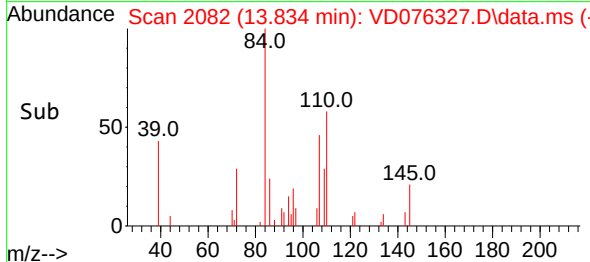
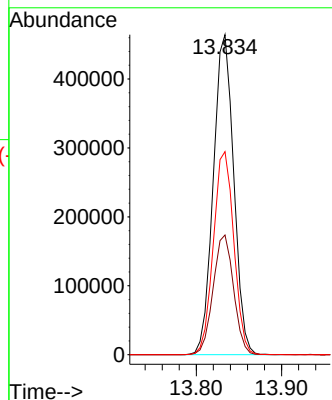
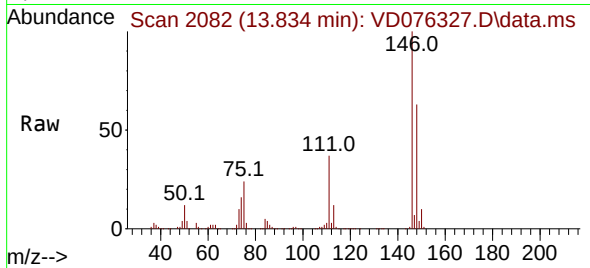




#91
1,2-Dichlorobenzene
Concen: 148.003 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

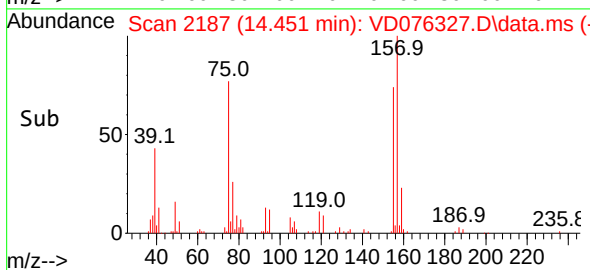
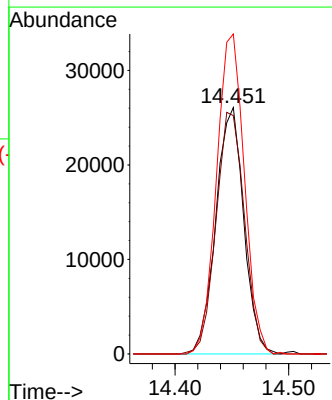
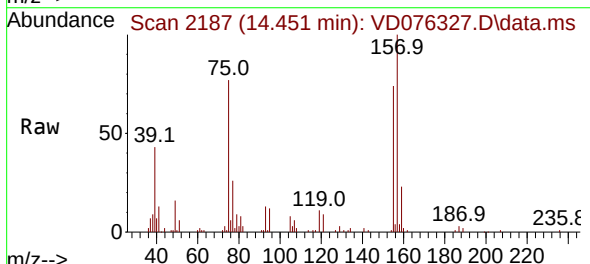
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

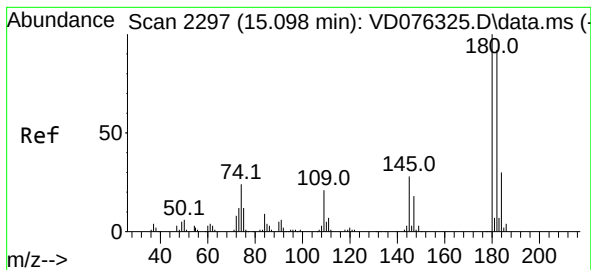
Tgt Ion:146 Resp: 772986
Ion Ratio Lower Upper
146 100
111 37.5 18.3 54.8
148 63.6 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 148.312 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076327.D
Acq: 05 Jun 2023 15:20

Tgt Ion: 75 Resp: 44514
Ion Ratio Lower Upper
75 100
155 99.5 47.9 143.8
157 129.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 165.404 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

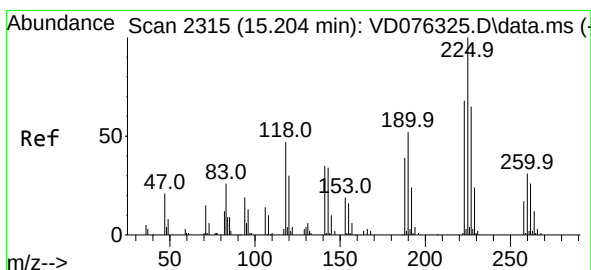
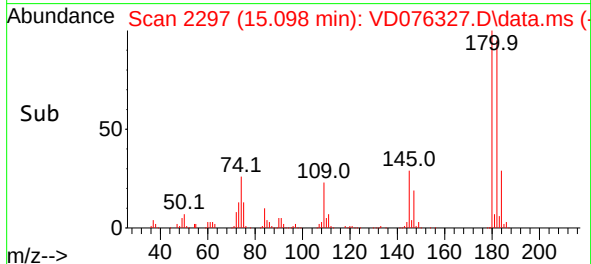
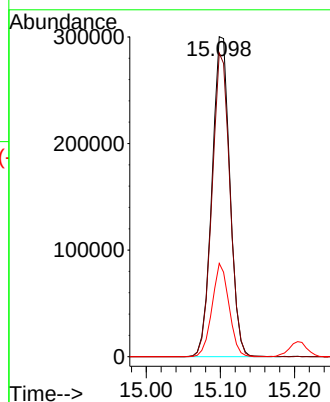
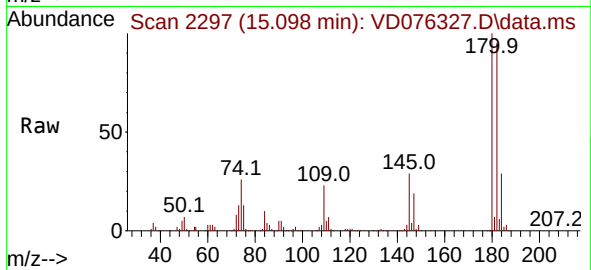
Tgt Ion:180 Resp: 502099

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.6

145 27.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 162.415 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

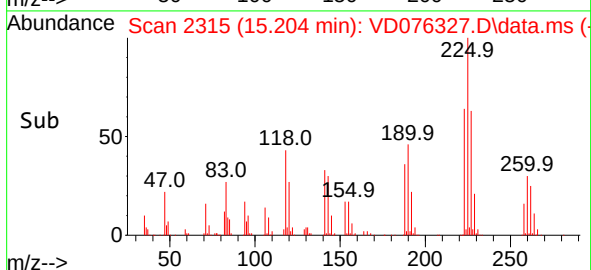
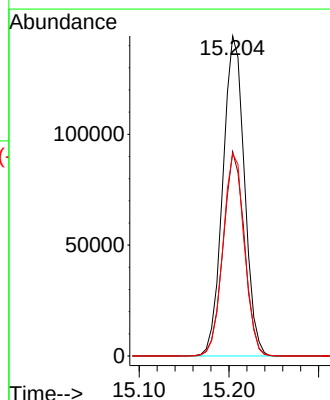
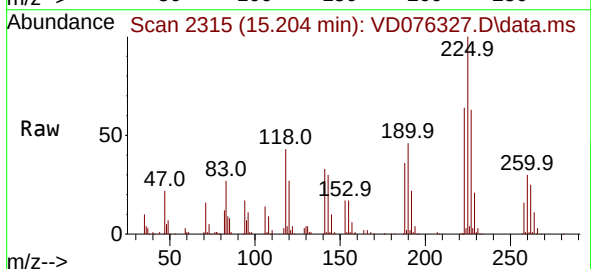
Tgt Ion:225 Resp: 241056

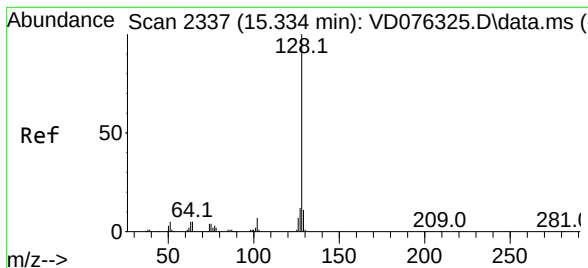
Ion Ratio Lower Upper

225 100

223 62.6 31.6 94.8

227 62.9 31.7 95.1





#95

Naphthalene

Concen: 150.407 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

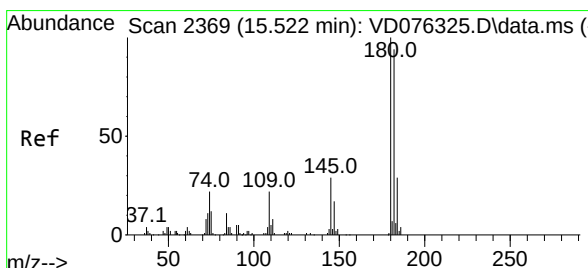
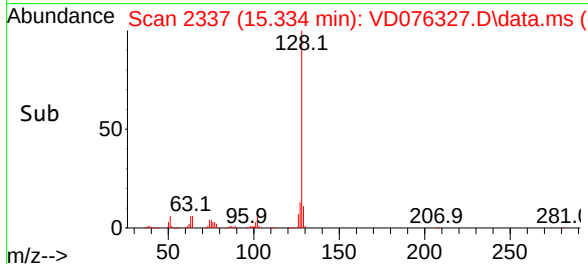
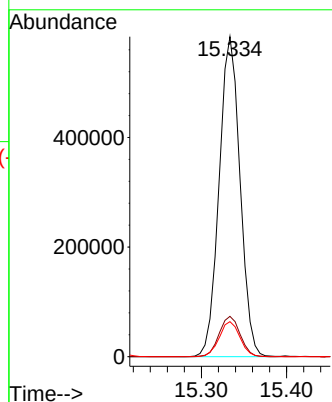
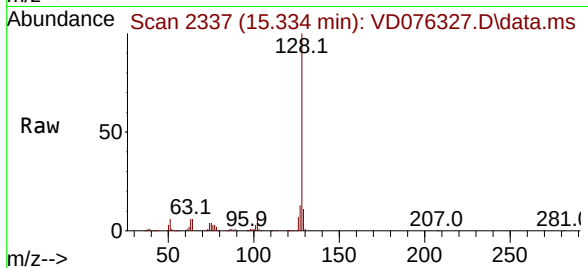
Tgt Ion:128 Resp: 997452

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 164.797 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD076327.D

Acq: 05 Jun 2023 15:20

Tgt Ion:180 Resp: 442398

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 29.9 15.1 45.3

