

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076399.D
 Acq On : 13 Jun 2023 12:19
 Operator : KP/SY
 Sample : VD0613SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBS01

Quant Time: Jun 14 05:44:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	229445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	400089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	355740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166519	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	127476	48.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.200%
35) Dibromofluoromethane	7.804	113	128182	49.571	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.269	98	476923	48.670	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.575	95	161520	48.047	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	42160	20.573	ug/l	96
3) Chloromethane	2.146	50	78235	20.162	ug/l	94
4) Vinyl Chloride	2.275	62	80694	21.732	ug/l	99
5) Bromomethane	2.675	94	44061	22.646	ug/l	96
6) Chloroethane	2.828	64	49897	22.315	ug/l	100
7) Trichlorofluoromethane	3.164	101	76334	20.430	ug/l	98
8) Diethyl Ether	3.587	74	25319	18.862	ug/l	59
9) 1,1,2-Trichlorotrifluo...	3.958	101	48684	21.670	ug/l	99
10) Methyl Iodide	4.158	142	53863	18.645	ug/l	91
11) Tert butyl alcohol	5.063	59	19712	88.976	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	45627	19.915	ug/l	84
13) Acrolein	3.793	56	26477	104.190	ug/l	91
14) Allyl chloride	4.546	41	88900	19.840	ug/l #	84
15) Acrylonitrile	5.252	53	63958	93.644	ug/l	96
16) Acetone	4.022	43	57839	99.278	ug/l #	83
17) Carbon Disulfide	4.263	76	121551	18.465	ug/l	98
18) Methyl Acetate	4.569	43	53164	20.015	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	126403	19.883	ug/l	99
20) Methylene Chloride	4.799	84	67195	17.940	ug/l #	79
21) trans-1,2-Dichloroethene	5.305	96	52181	19.598	ug/l	88
22) Diisopropyl ether	6.216	45	181554	19.904	ug/l #	91
23) Vinyl Acetate	6.152	43	453731	115.819	ug/l #	87
24) 1,1-Dichloroethane	6.110	63	102023	20.122	ug/l	97
25) 2-Butanone	7.087	43	88068	96.651	ug/l #	82
26) 2,2-Dichloropropane	7.075	77	91381	20.017	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	64084	20.219	ug/l	86
28) Bromochloromethane	7.428	49	32342	20.599	ug/l #	69
29) Tetrahydrofuran	7.452	42	57942	99.671	ug/l #	74
30) Chloroform	7.593	83	100347	19.858	ug/l	94
31) Cyclohexane	7.869	56	84117	19.837	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	85523	19.817	ug/l	95
36) 1,1-Dichloropropene	8.004	75	72306	19.158	ug/l	95
37) Ethyl Acetate	7.163	43	41120	20.713	ug/l #	91
38) Carbon Tetrachloride	7.987	117	66250	18.906	ug/l	97
39) Methylcyclohexane	9.275	83	87257	20.078	ug/l	93
40) Benzene	8.252	78	213497	19.458	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23810	18.748	ug/l #	72
42) 1,2-Dichloroethane	8.322	62	61547	18.837	ug/l	95
43) Isopropyl Acetate	8.363	43	80927	19.443	ug/l #	84
44) Trichloroethene	9.028	130	60165	20.227	ug/l	98
45) 1,2-Dichloropropane	9.304	63	58206	19.959	ug/l	98
46) Dibromomethane	9.399	93	29958	18.614	ug/l	98
47) Bromodichloromethane	9.587	83	75685	18.984	ug/l	100
48) Methyl methacrylate	9.375	41	38833	19.466	ug/l #	66
49) 1,4-Dioxane	9.381	88	7555	395.652	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	204903	99.117	ug/l #	82
52) Toluene	10.334	92	134406	19.377	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	78189	19.175	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	90920	19.389	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	41558	19.332	ug/l #	91
56) Ethyl methacrylate	10.598	69	58055	19.447	ug/l #	72
57) 1,3-Dichloropropane	10.881	76	74660	19.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	124584	102.452	ug/l	93
59) 2-Hexanone	10.922	43	139323	96.146	ug/l	81
60) Dibromochloromethane	11.075	129	50882	19.130	ug/l	94
61) 1,2-Dibromoethane	11.181	107	40652	19.492	ug/l	97
64) Tetrachloroethene	10.810	164	47282	19.360	ug/l	91
65) Chlorobenzene	11.610	112	146316	19.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	53061	19.245	ug/l	96
67) Ethyl Benzene	11.687	91	267774	19.716	ug/l	97
68) m/p-Xylenes	11.793	106	201354	39.184	ug/l	89
69) o-Xylene	12.122	106	97672	19.786	ug/l	92
70) Styrene	12.134	104	164886	19.578	ug/l	94
71) Bromoform	12.298	173	31345	19.491	ug/l #	98
73) Isopropylbenzene	12.422	105	253472	20.128	ug/l	96
74) N-amyl acetate	12.234	43	77239	20.112	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	48484	19.496	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	61398	39.440	ug/l #	100
77) Bromobenzene	12.704	156	60277	20.287	ug/l	86
78) n-propylbenzene	12.763	91	308766	20.115	ug/l	96
79) 2-Chlorotoluene	12.851	91	171187	19.708	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	205360	19.537	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	16915	19.454	ug/l	94
82) 4-Chlorotoluene	12.951	91	181837	19.990	ug/l	93
83) tert-Butylbenzene	13.169	119	178695	19.810	ug/l	92
84) 1,2,4-Trimethylbenzene	13.216	105	203173	19.564	ug/l	99
85) sec-Butylbenzene	13.345	105	269381	20.290	ug/l	97
86) p-Isopropyltoluene	13.463	119	228528	20.442	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	117169	20.376	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	116730	20.541	ug/l	97
89) n-Butylbenzene	13.787	91	217918	20.289	ug/l	99
90) Hexachloroethane	14.057	117	41016	19.882	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	102744	20.316	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7745	18.959	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	68336	20.190	ug/l	97
94) Hexachlorobutadiene	15.204	225	33896	19.906	ug/l	96
95) Naphthalene	15.334	128	133753	19.679	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	58641	20.060	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jun 13 02:01:34 2023
Response via : Initial Calibration

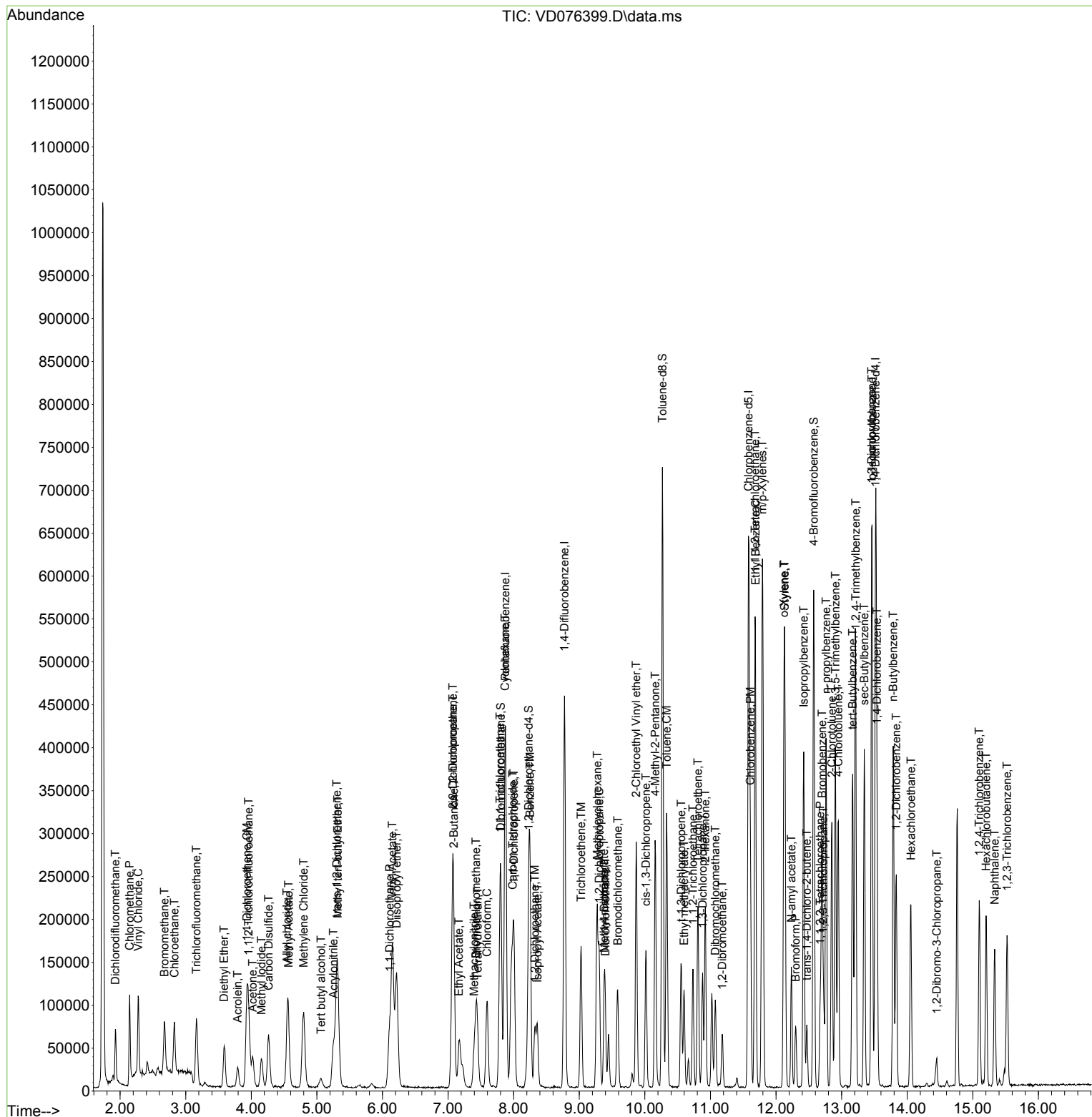
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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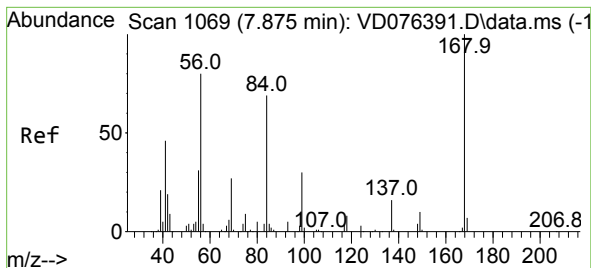
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

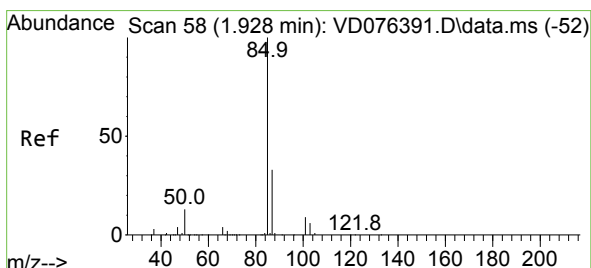
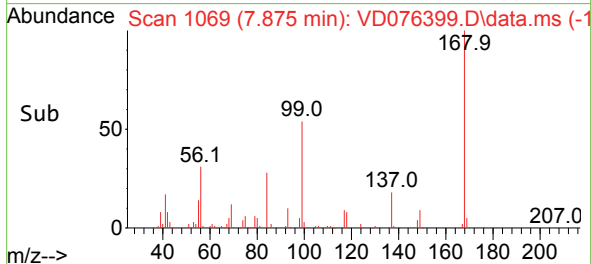
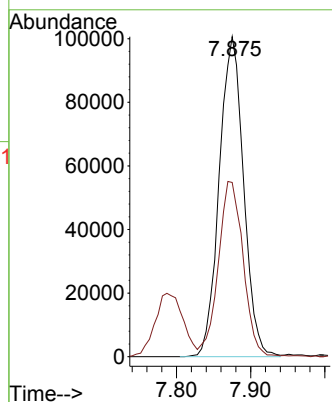
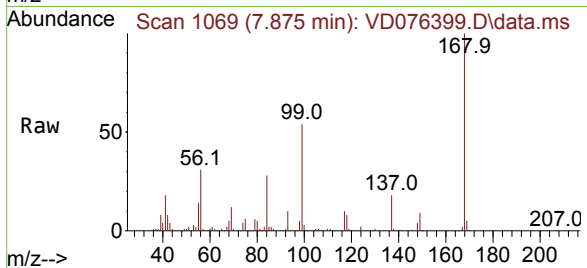
VD0613SBS01

Tgt Ion:168 Resp: 229445

Ion Ratio Lower Upper

168 100

99 54.1 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 20.573 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076399.D

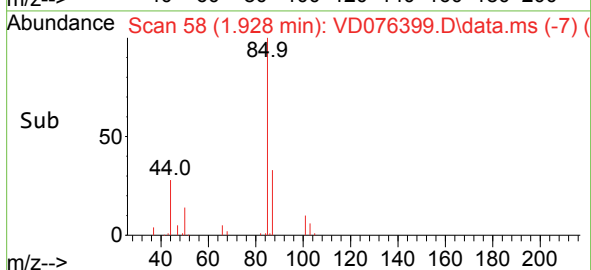
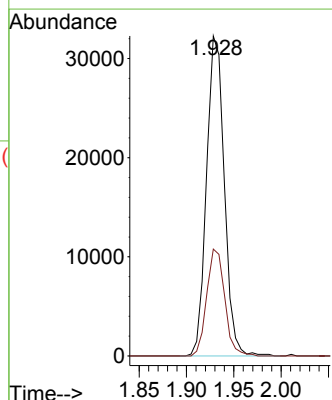
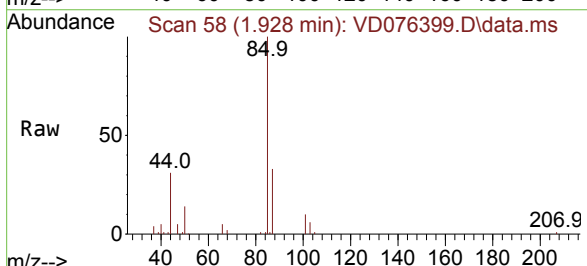
Acq: 13 Jun 2023 12:19

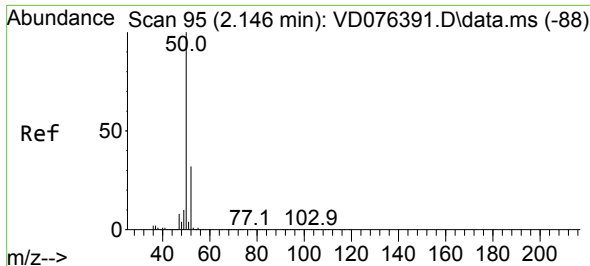
Tgt Ion: 85 Resp: 42160

Ion Ratio Lower Upper

85 100

87 33.4 15.7 47.0

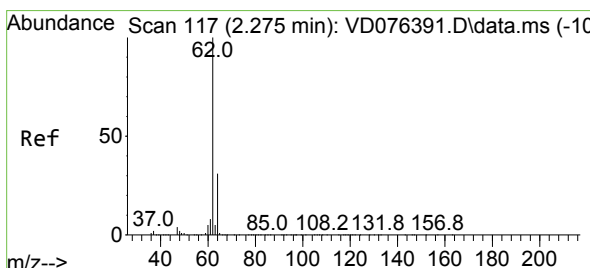
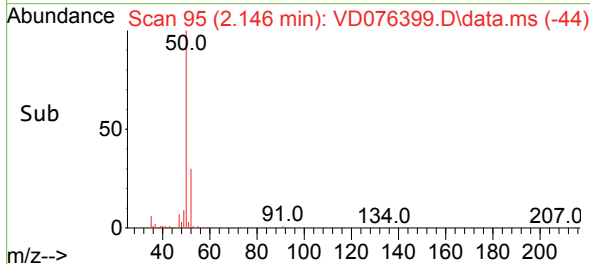
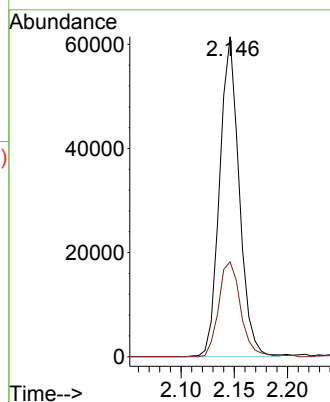
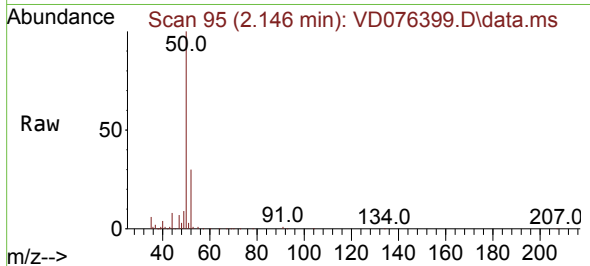




#3
Chloromethane
Concen: 20.162 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

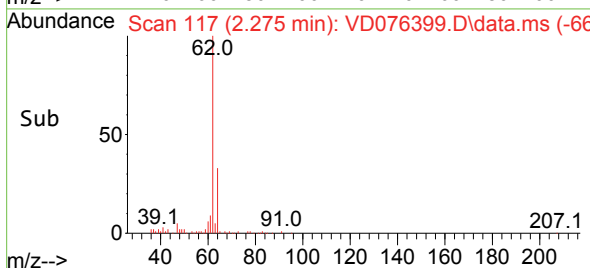
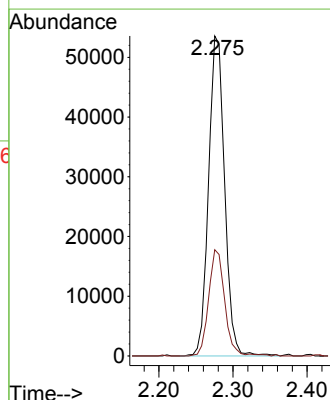
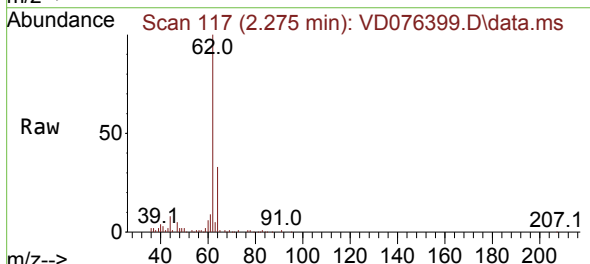
Instrument :
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ClientSampleId :
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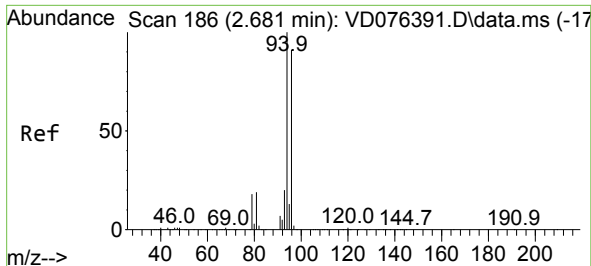
Tgt Ion: 50 Resp: 78235
Ion Ratio Lower Upper
50 100
52 29.6 26.6 40.0



#4
Vinyl Chloride
Concen: 21.732 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 62 Resp: 80694
Ion Ratio Lower Upper
62 100
64 33.2 26.0 39.0

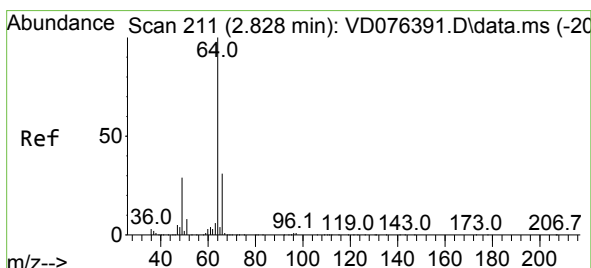
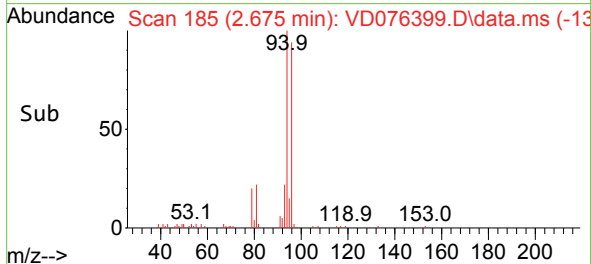
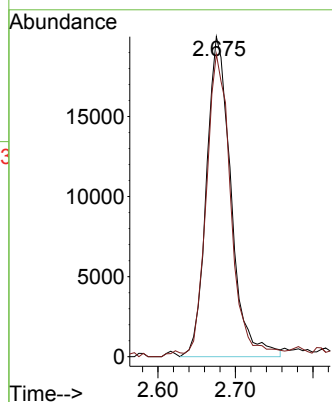
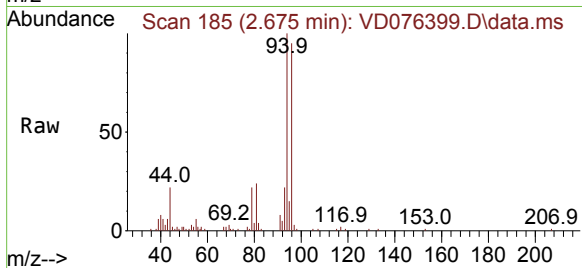




#5
Bromomethane
Concen: 22.646 ug/l
RT: 2.675 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

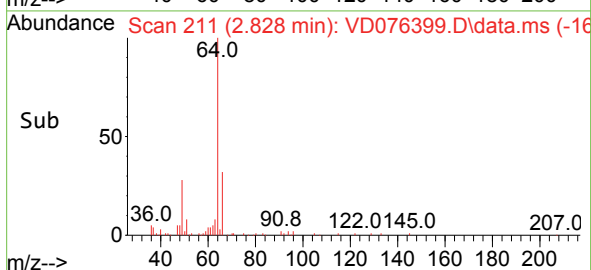
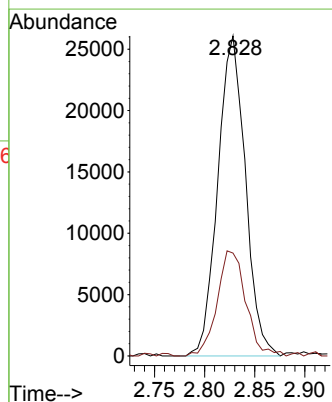
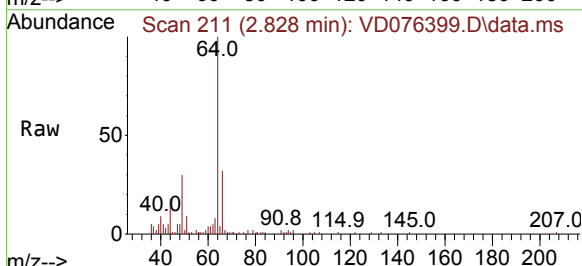
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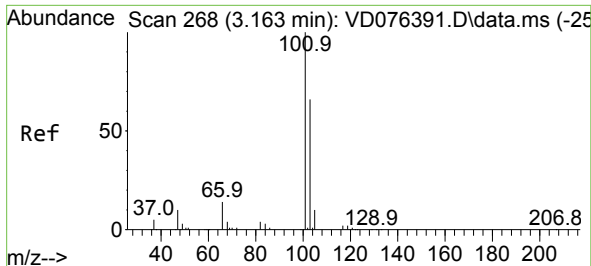
Tgt Ion: 94 Resp: 44061
Ion Ratio Lower Upper
94 100
96 90.6 75.8 113.8



#6
Chloroethane
Concen: 22.315 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 64 Resp: 49897
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3

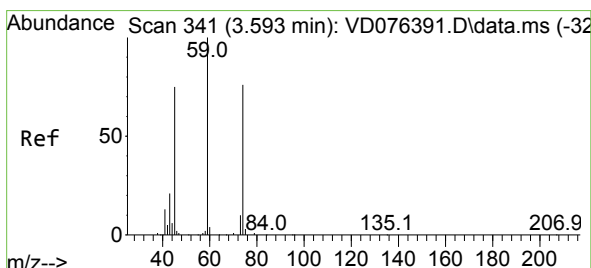
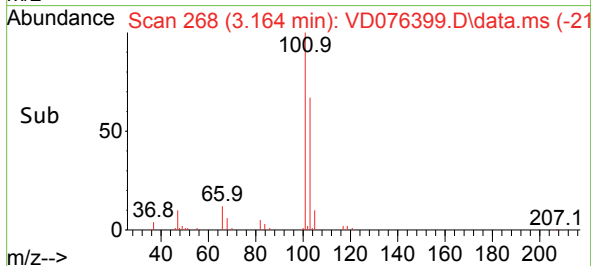
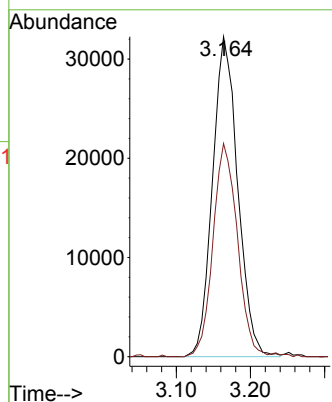
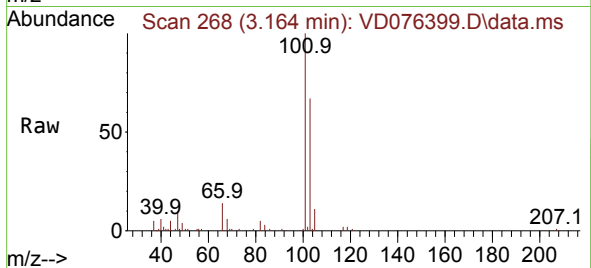




#7
Trichlorofluoromethane
Concen: 20.430 ug/l
RT: 3.164 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

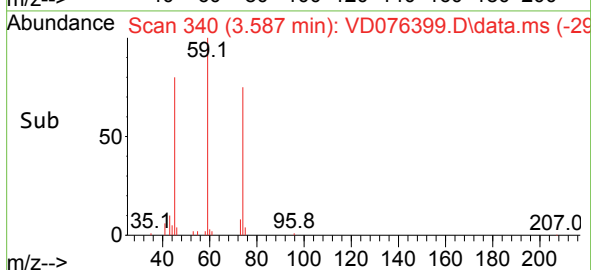
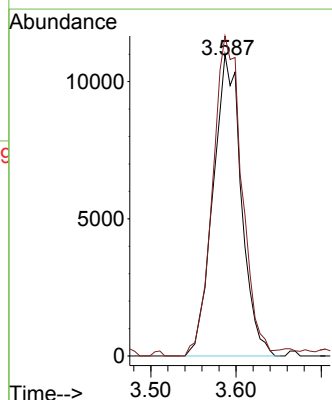
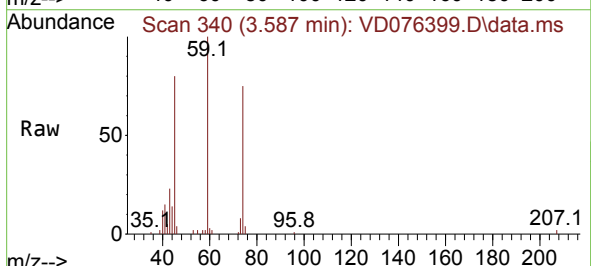
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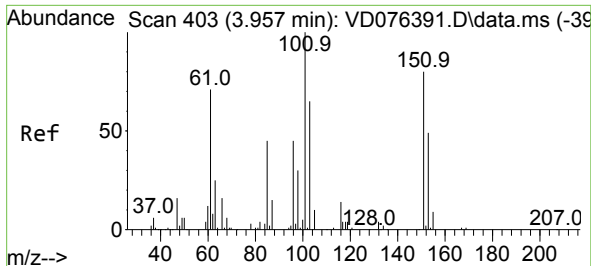
Tgt Ion:101 Resp: 76334
Ion Ratio Lower Upper
101 100
103 66.6 52.3 78.5



#8
Diethyl Ether
Concen: 18.862 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 74 Resp: 25319
Ion Ratio Lower Upper
74 100
45 110.2 37.5 112.7

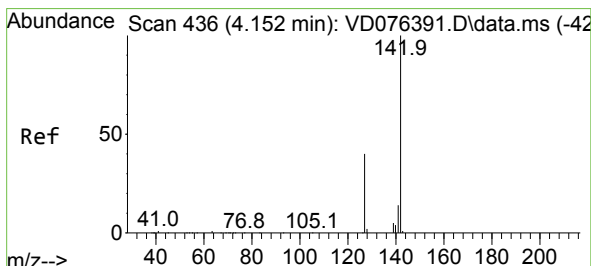
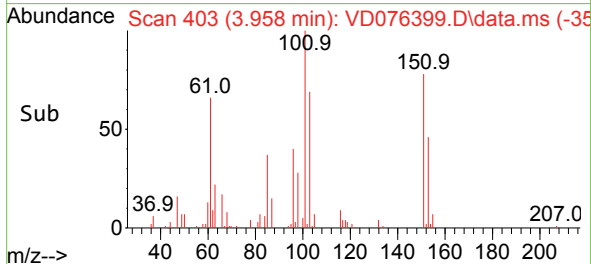
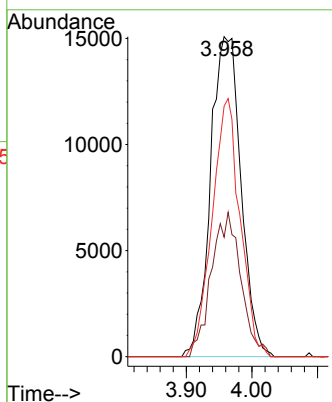
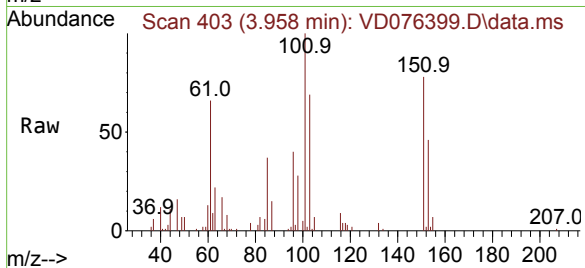




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.670 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

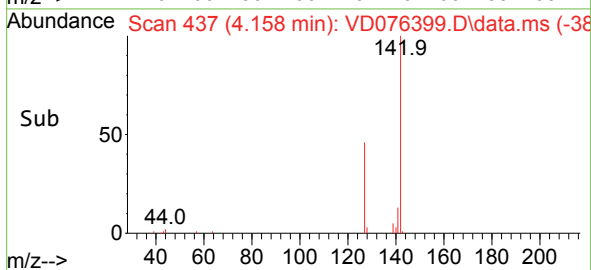
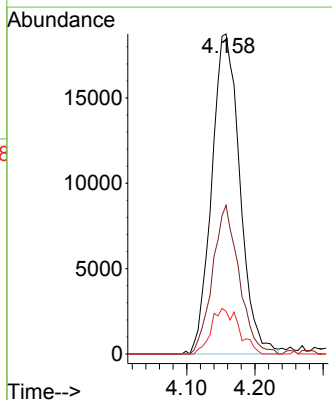
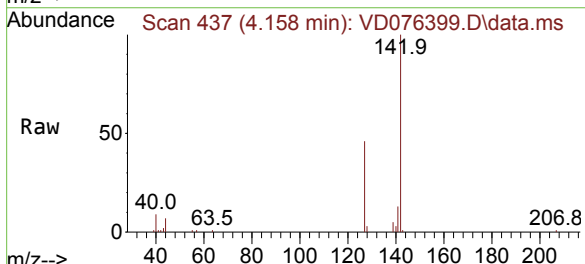
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

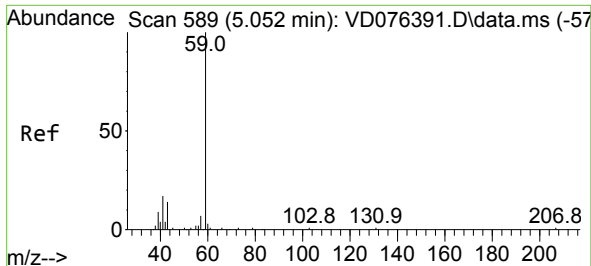
Tgt Ion:101 Resp: 48684
Ion Ratio Lower Upper
101 100
85 43.6 33.8 50.6
151 73.9 59.8 89.6



#10
Methyl Iodide
Concen: 18.645 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion:142 Resp: 53863
Ion Ratio Lower Upper
142 100
127 43.8 29.4 44.0
141 14.1 11.1 16.7





#11

Tert butyl alcohol

Concen: 88.976 ug/l

RT: 5.063 min Scan# 591

Delta R.T. 0.012 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

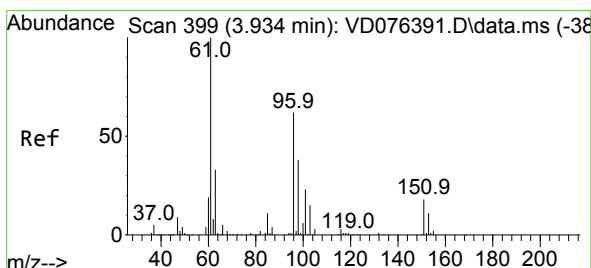
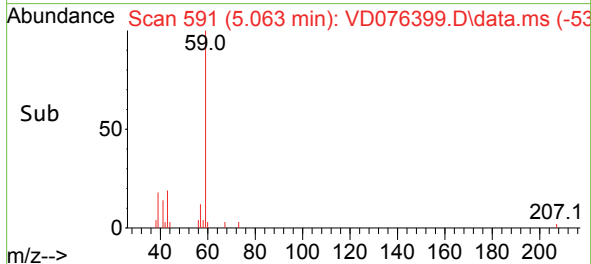
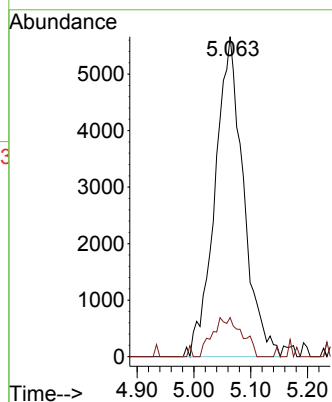
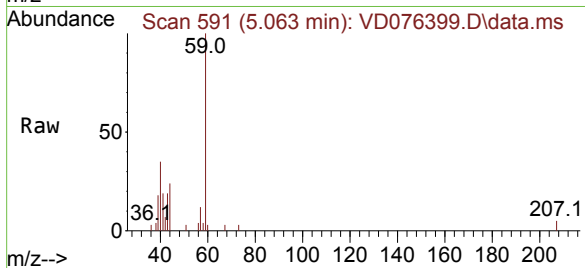
VD0613SBS01

Tgt Ion: 59 Resp: 19712

Ion Ratio Lower Upper

59 100

57 12.6 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 19.915 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

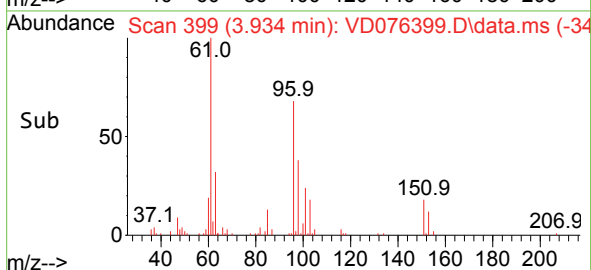
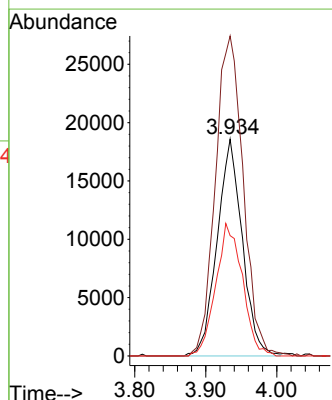
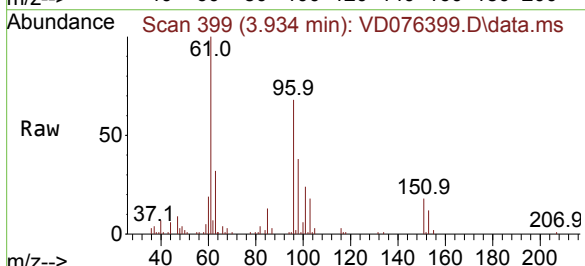
Tgt Ion: 96 Resp: 45627

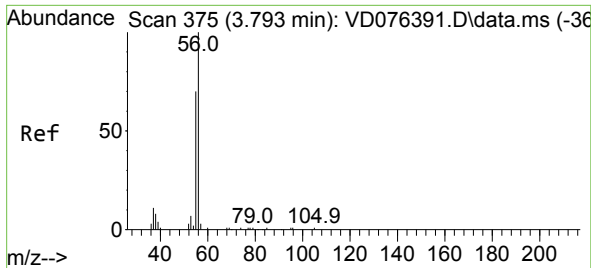
Ion Ratio Lower Upper

96 100

61 147.5 100.6 150.8

98 55.5 50.2 75.2

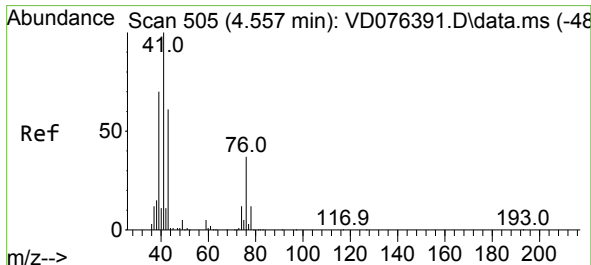
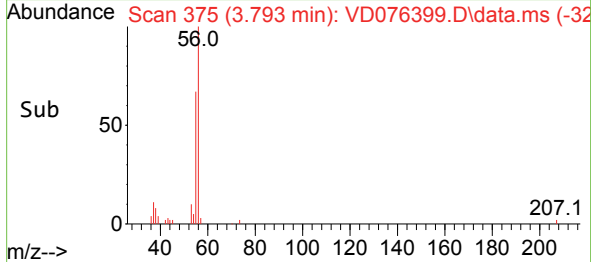
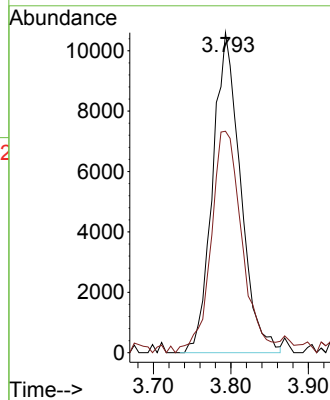
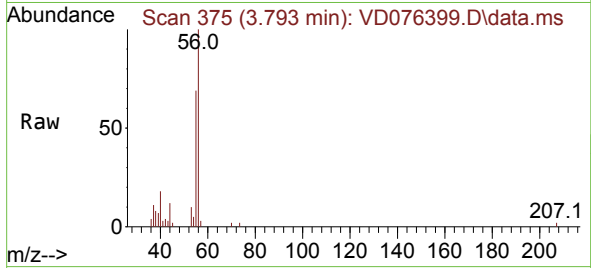




#13
Acrolein
Concen: 104.190 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

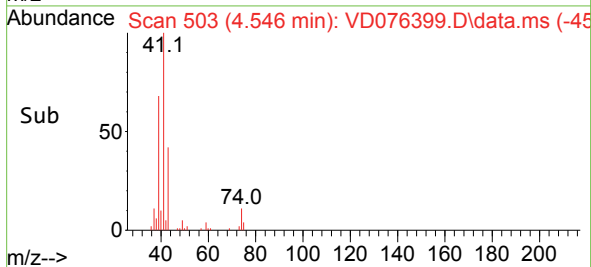
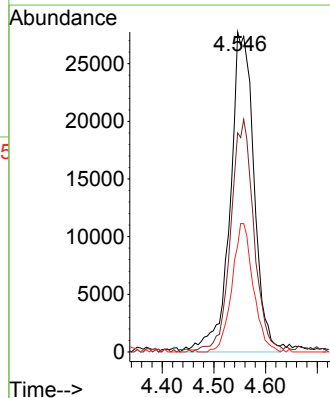
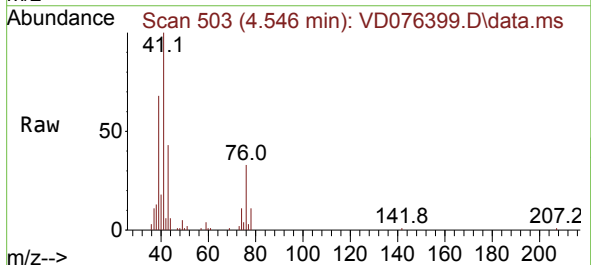
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

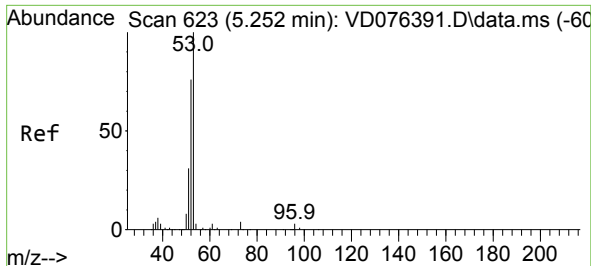
Tgt Ion: 56 Resp: 26477
Ion Ratio Lower Upper
56 100
55 76.4 55.1 82.7



#14
Allyl chloride
Concen: 19.840 ug/l
RT: 4.546 min Scan# 503
Delta R.T. -0.012 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 41 Resp: 88900
Ion Ratio Lower Upper
41 100
39 70.9 53.8 80.6
76 35.8 45.8 68.8#

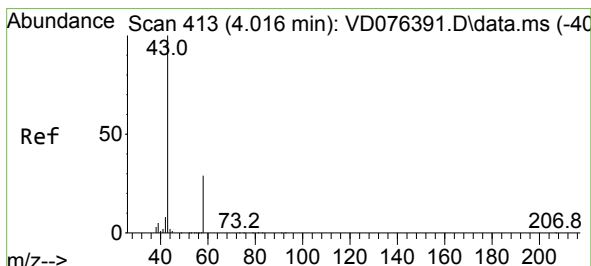
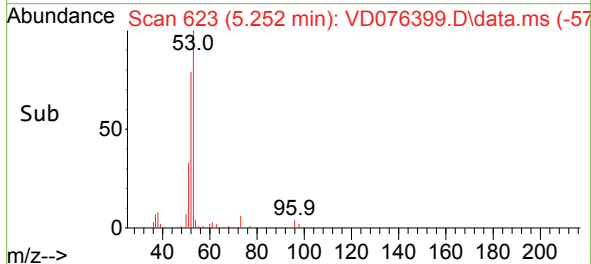
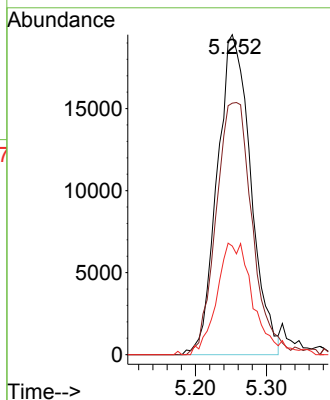
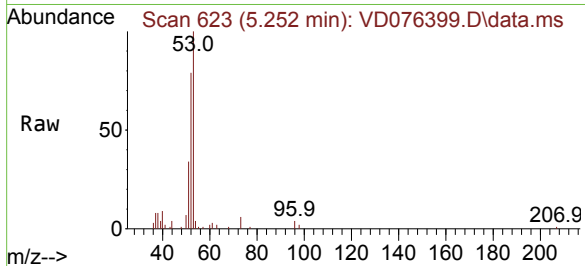




#15
Acrylonitrile
Concen: 93.644 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

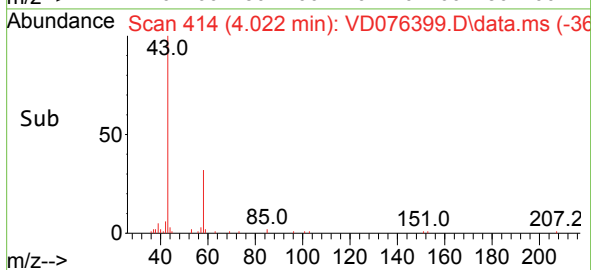
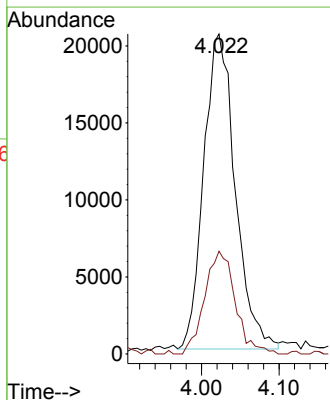
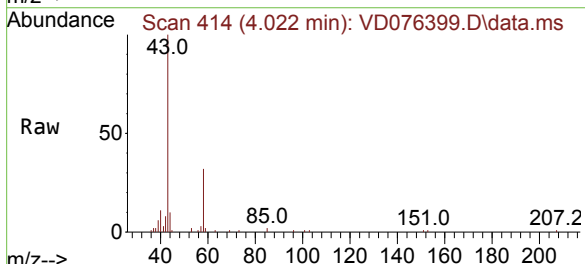
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

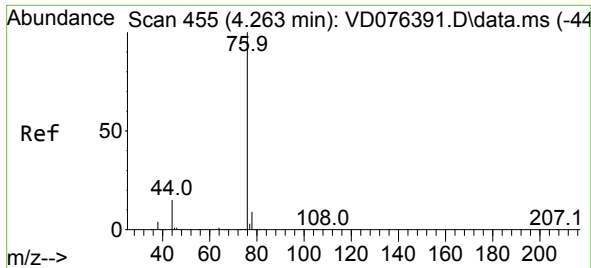
Tgt Ion:	53	Resp:	63958
Ion	Ratio	Lower	Upper
53	100		
52	84.4	65.0	97.4
51	38.0	28.3	42.5



#16
Acetone
Concen: 99.278 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion:	43	Resp:	57839
Ion	Ratio	Lower	Upper
43	100		
58	32.6	34.7	52.1#

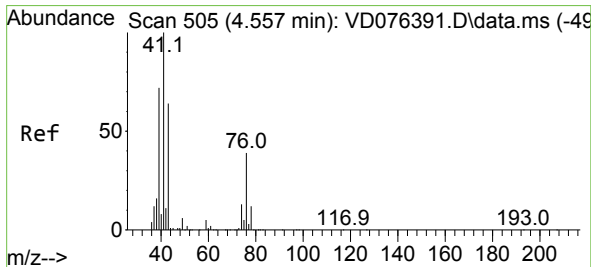
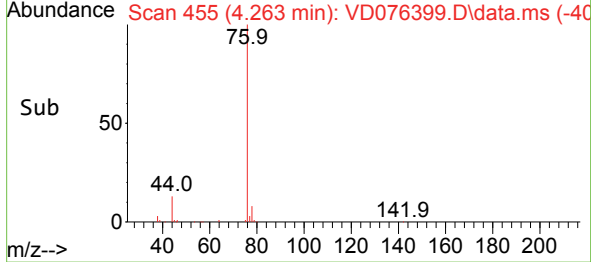
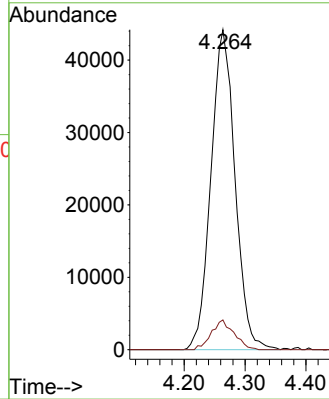
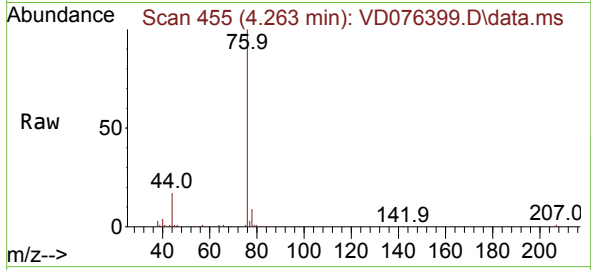




#17
Carbon Disulfide
Concen: 18.465 ug/l
RT: 4.263 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

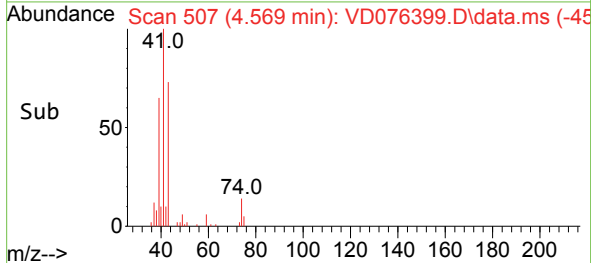
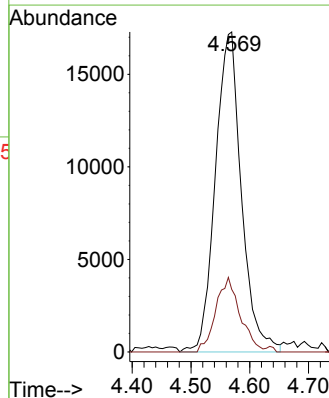
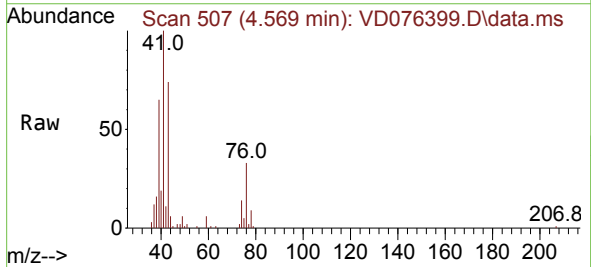
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

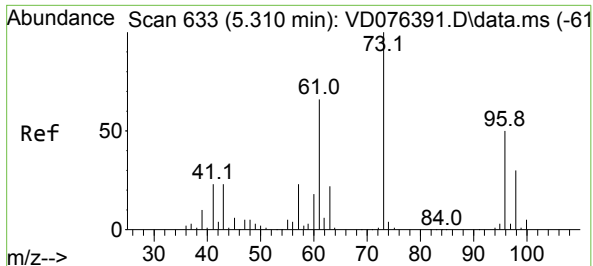
Tgt Ion: 76 Resp: 121551
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 20.015 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.012 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 43 Resp: 53164
Ion Ratio Lower Upper
43 100
74 21.7 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 19.883 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

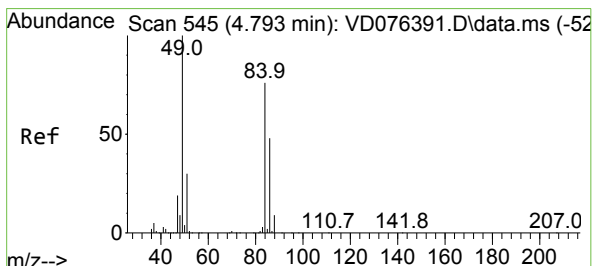
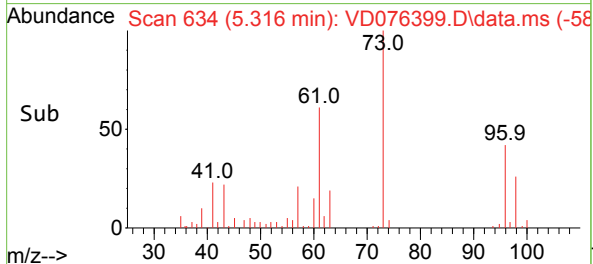
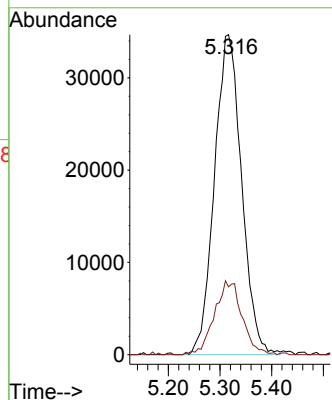
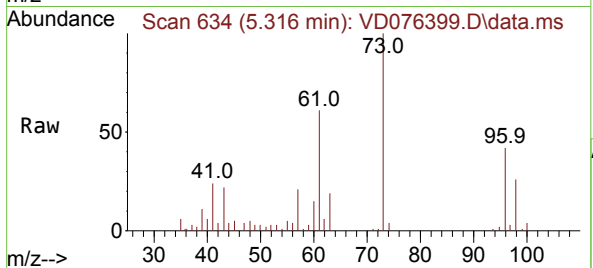
VD0613SBS01

Tgt Ion: 73 Resp: 126403

Ion Ratio Lower Upper

73 100

57 21.2 16.6 25.0



#20

Methylene Chloride

Concen: 17.940 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Tgt Ion: 84 Resp: 67195

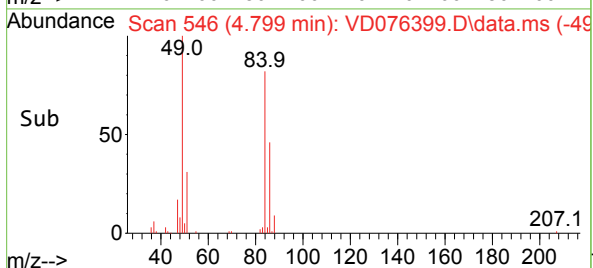
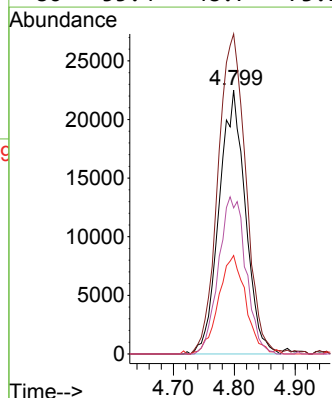
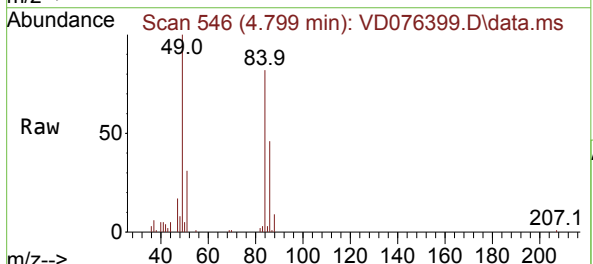
Ion Ratio Lower Upper

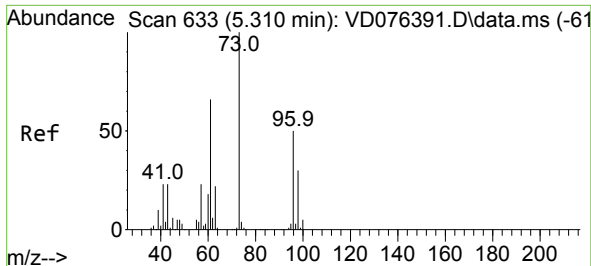
84 100

49 121.3 71.4 107.2#

51 37.3 24.5 36.7#

86 55.4 48.7 73.1

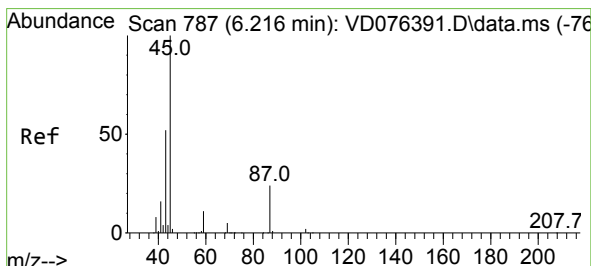
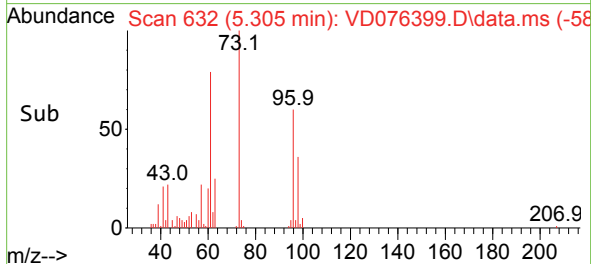
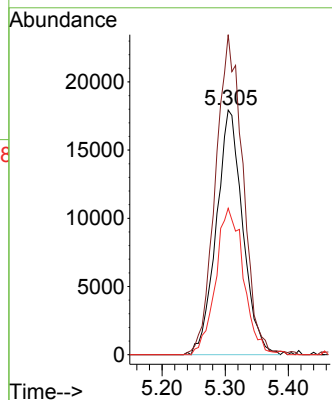
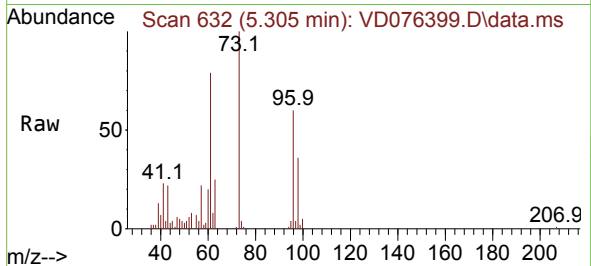




#21
trans-1,2-Dichloroethene
Concen: 19.598 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

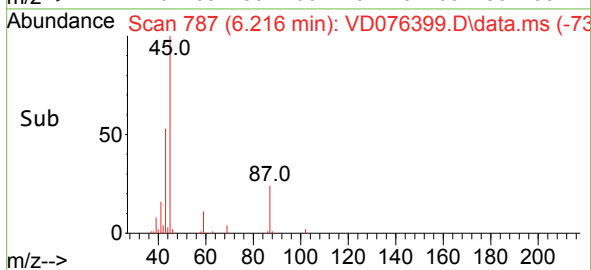
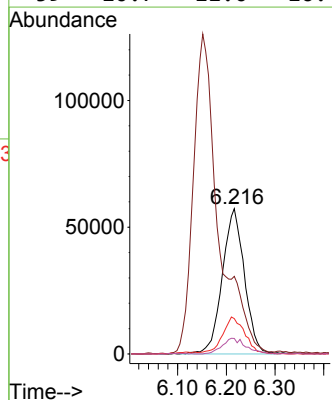
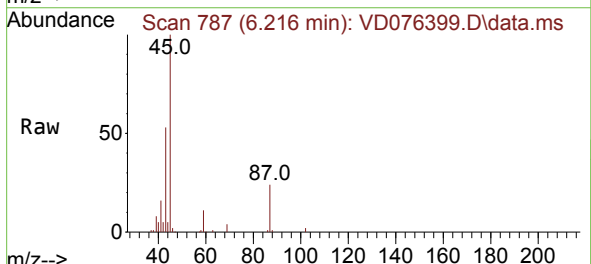
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

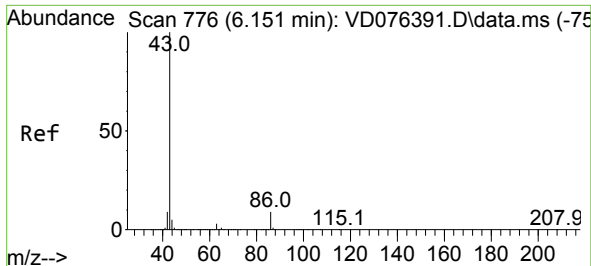
Tgt Ion: 96 Resp: 52181
Ion Ratio Lower Upper
96 100
61 130.8 89.3 133.9
98 59.9 48.6 73.0



#22
Diisopropyl ether
Concen: 19.904 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 45 Resp: 181554
Ion Ratio Lower Upper
45 100
43 51.4 40.0 60.0
87 23.9 28.2 42.4#
59 10.7 11.0 16.4#

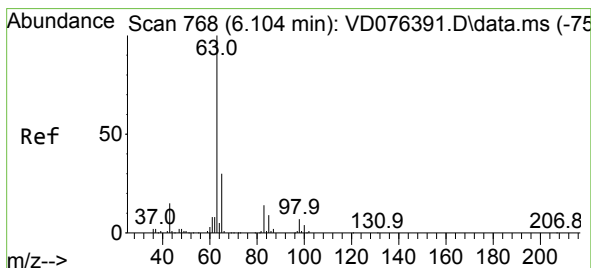
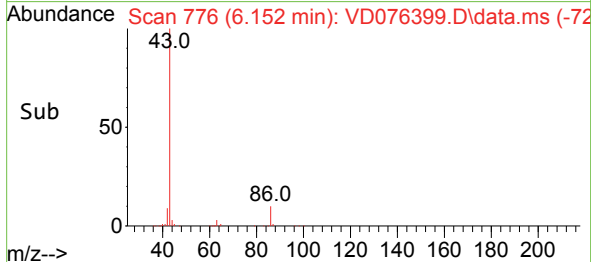
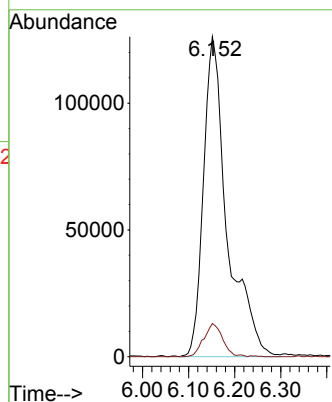
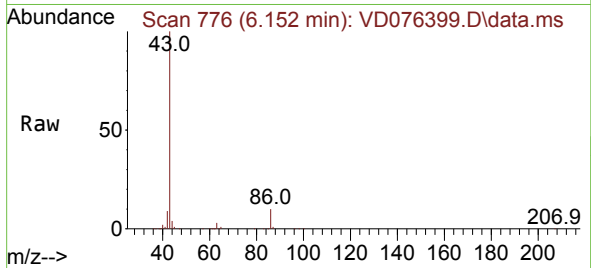




#23
 Vinyl Acetate
 Concen: 115.819 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD076399.D
 Acq: 13 Jun 2023 12:19

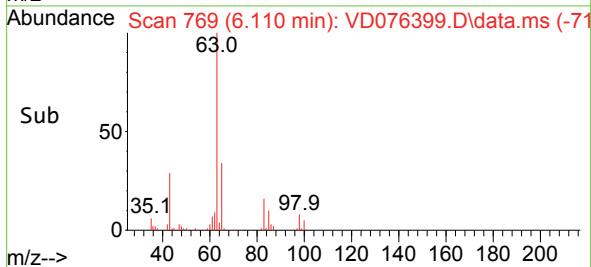
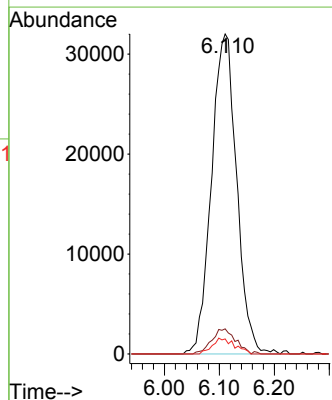
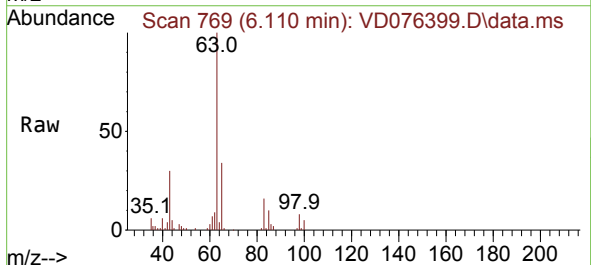
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBS01

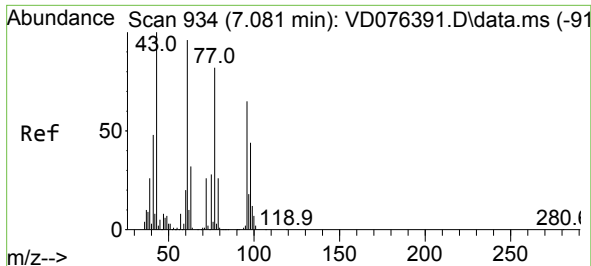
Tgt Ion: 43 Resp: 453731
 Ion Ratio Lower Upper
 43 100
 86 10.3 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.122 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076399.D
 Acq: 13 Jun 2023 12:19

Tgt Ion: 63 Resp: 102023
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 4.7 2.5 7.5

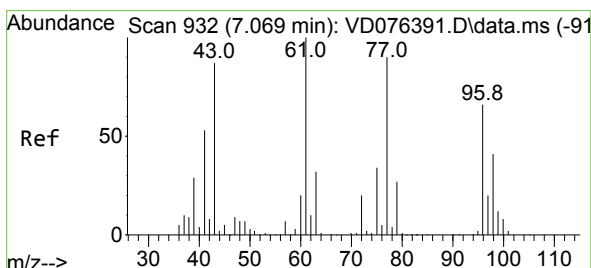
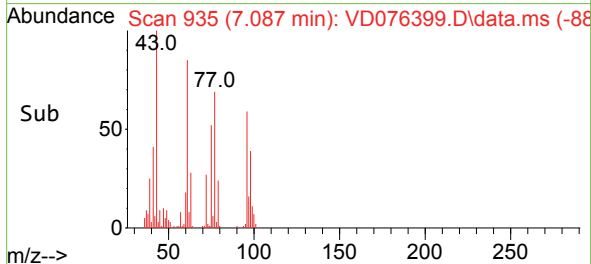
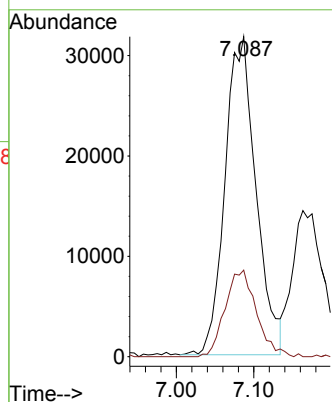
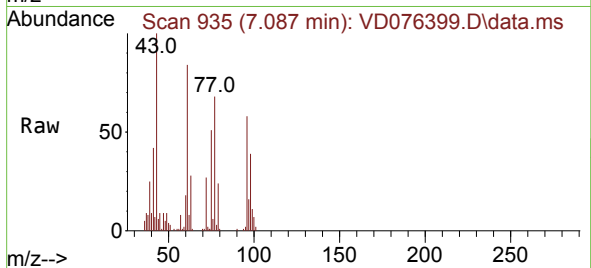




#25
2-Butanone
Concen: 96.651 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

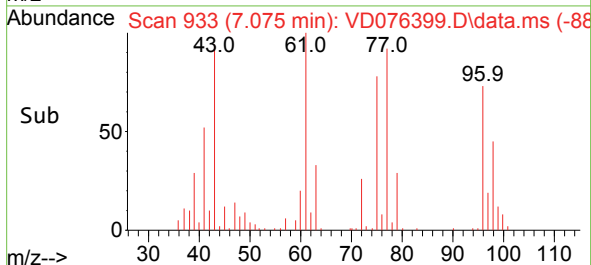
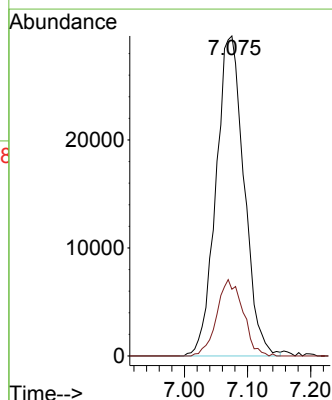
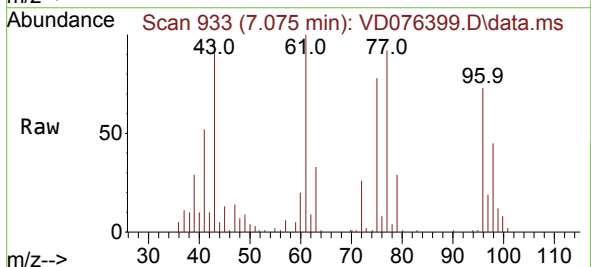
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

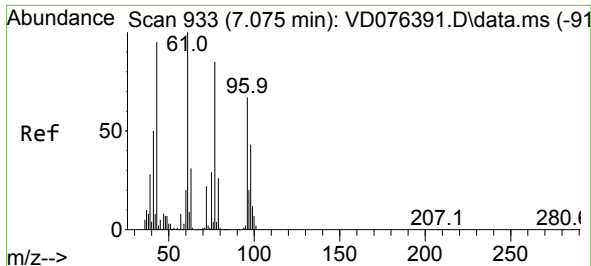
Tgt Ion: 43 Resp: 88068
Ion Ratio Lower Upper
43 100
72 27.2 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 20.017 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 77 Resp: 91381
Ion Ratio Lower Upper
77 100
97 22.4 13.2 39.6

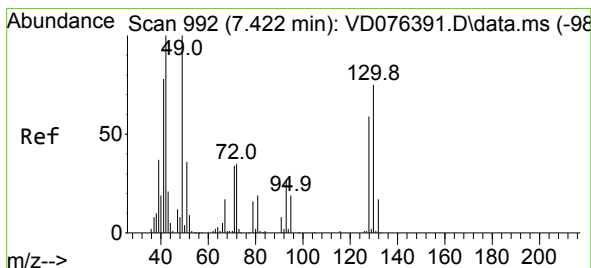
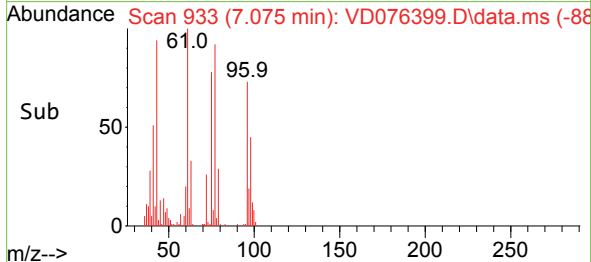
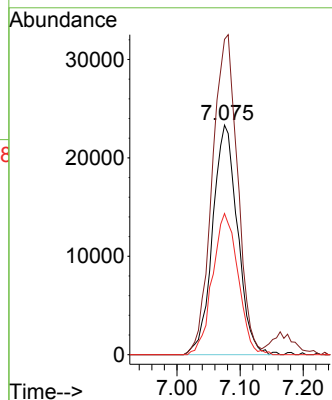
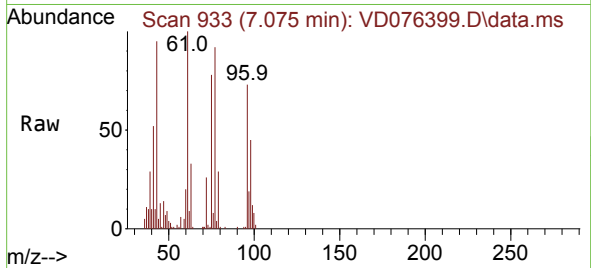




#27
 cis-1,2-Dichloroethene
 Concen: 20.219 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076399.D
 Acq: 13 Jun 2023 12:19

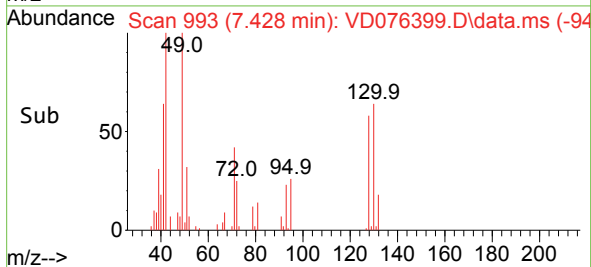
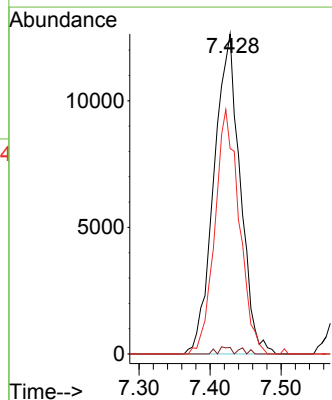
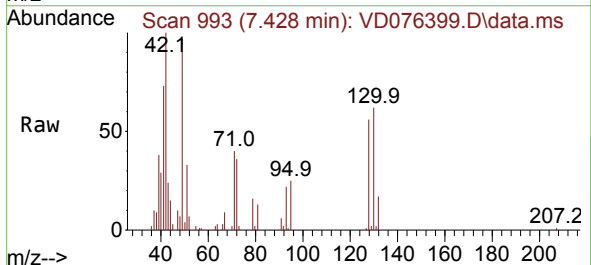
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBS01

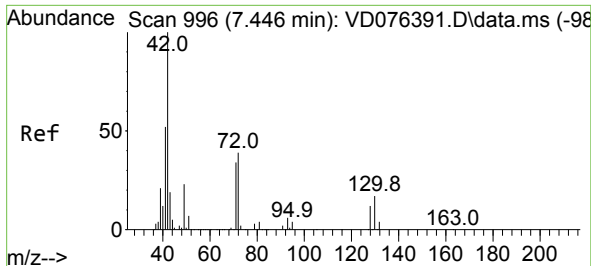
Tgt Ion: 96 Resp: 64084
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 239.2
 98 63.1 0.0 128.6



#28
 Bromochloromethane
 Concen: 20.599 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD076399.D
 Acq: 13 Jun 2023 12:19

Tgt Ion: 49 Resp: 32342
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 6.0
 130 71.2 83.2 124.8#

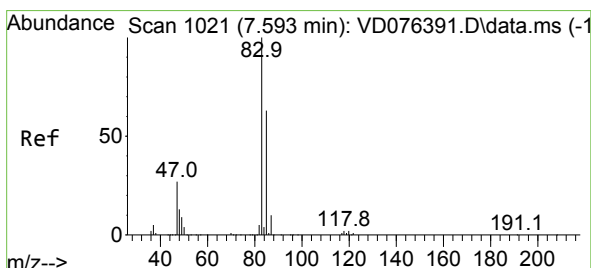
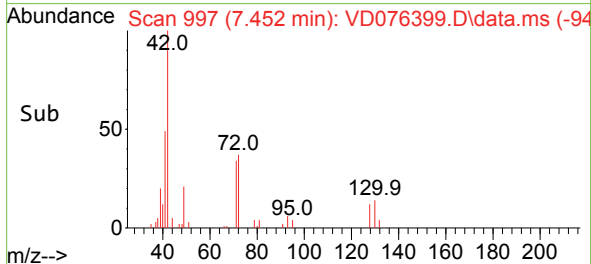
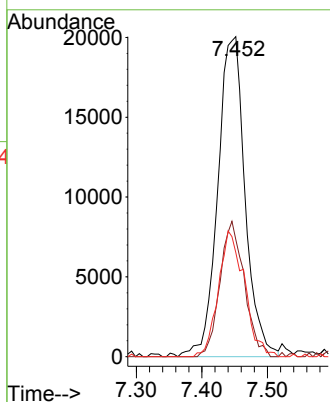
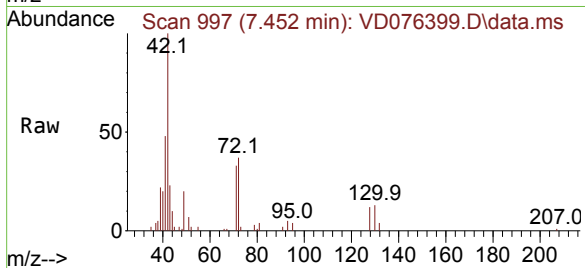




#29
Tetrahydrofuran
Concen: 99.671 ug/l
RT: 7.452 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

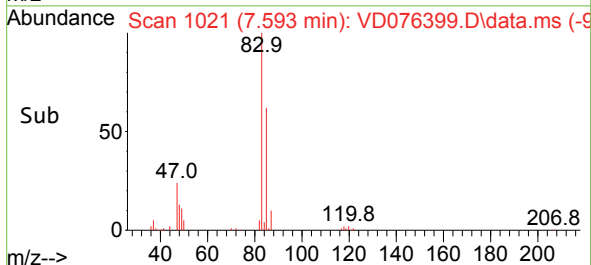
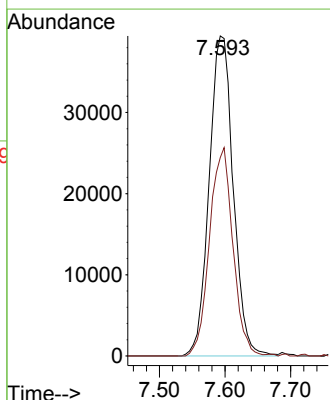
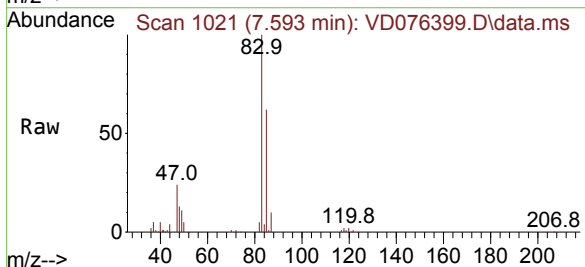
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

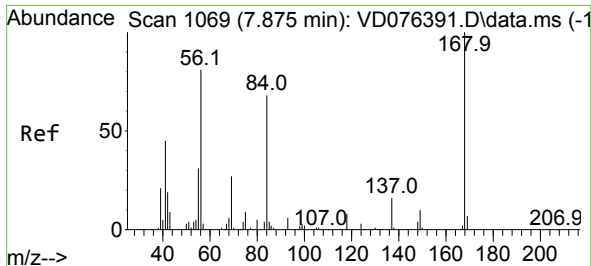
Tgt Ion: 42 Resp: 57942
Ion Ratio Lower Upper
42 100
72 37.8 46.5 69.7#
71 37.6 44.5 66.7#



#30
Chloroform
Concen: 19.858 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 83 Resp: 100347
Ion Ratio Lower Upper
83 100
85 62.0 53.4 80.2

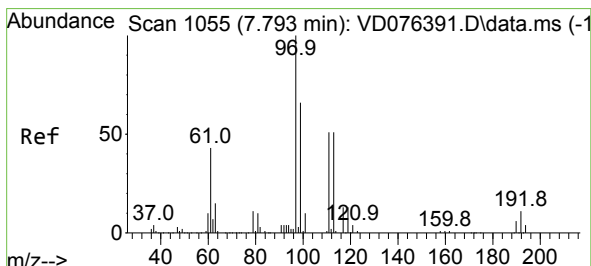
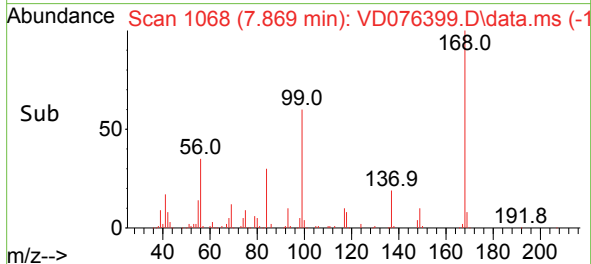
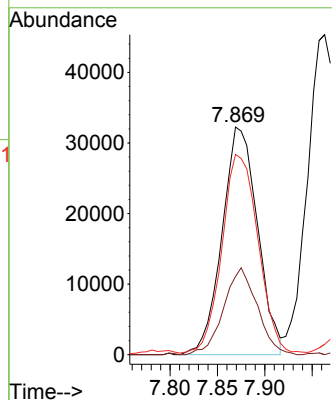
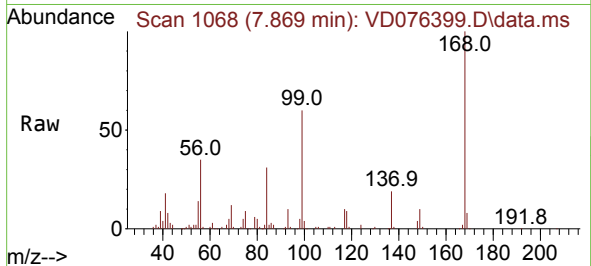




#31
Cyclohexane
Concen: 19.837 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

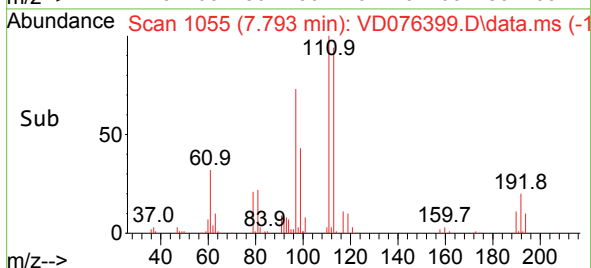
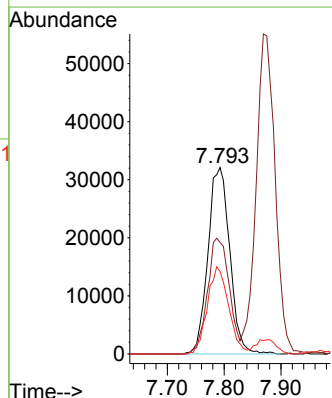
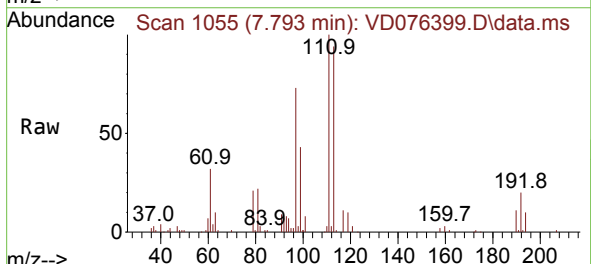
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

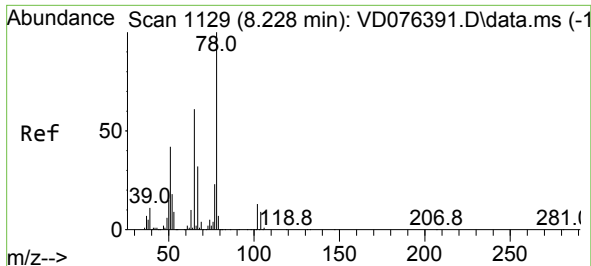
Tgt Ion: 56 Resp: 84117
Ion Ratio Lower Upper
56 100
69 34.3 28.6 43.0
84 86.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.817 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 97 Resp: 85523
Ion Ratio Lower Upper
97 100
99 61.7 52.0 78.0
61 45.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.101 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

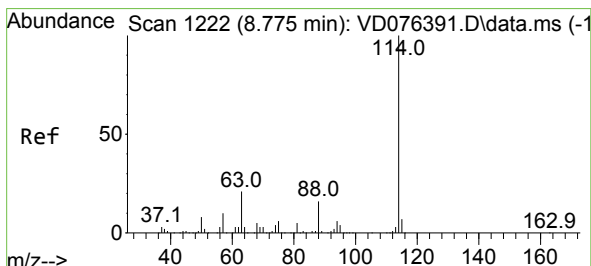
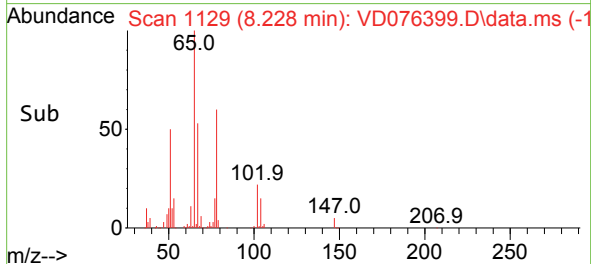
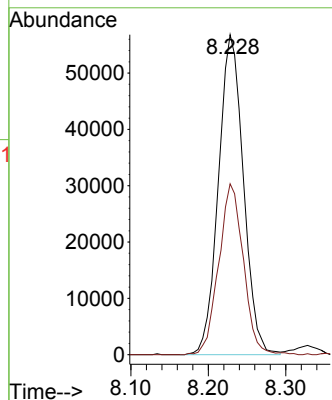
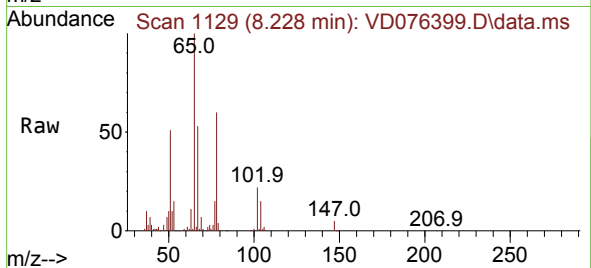
VD0613SBS01

Tgt Ion: 65 Resp: 127476

Ion Ratio Lower Upper

65 100

67 52.7 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: VD076399.D

Acq: 13 Jun 2023 12:19

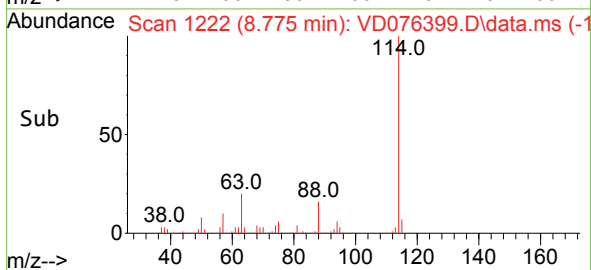
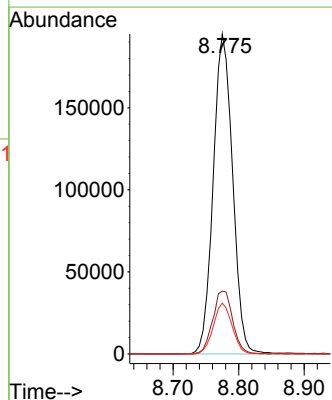
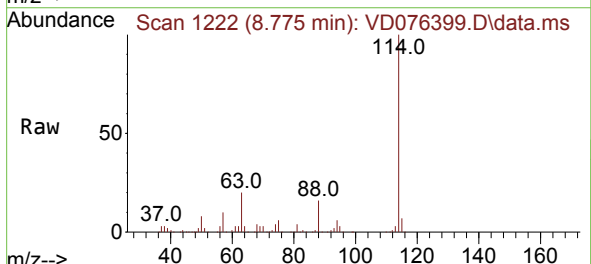
Tgt Ion: 114 Resp: 400089

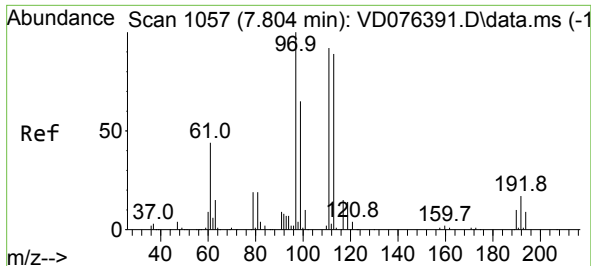
Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

88 15.9 0.0 26.2

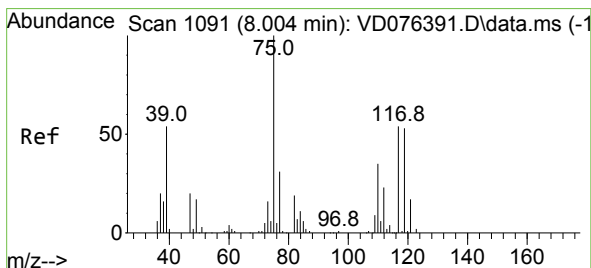
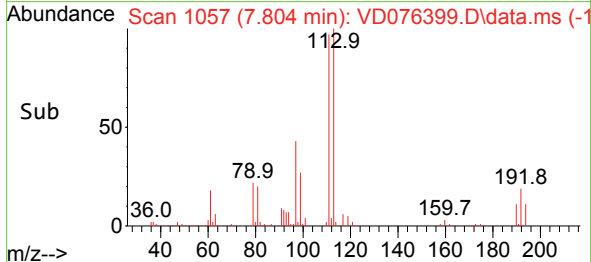
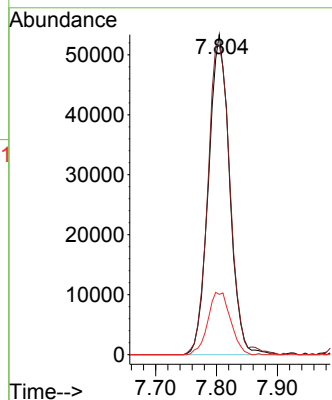
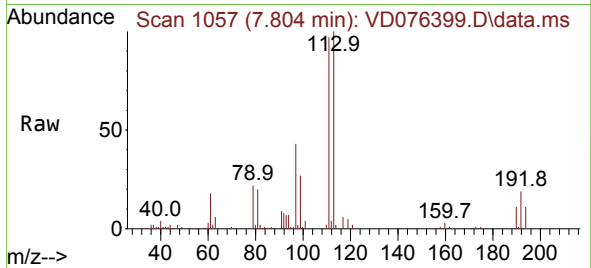




#35
Dibromofluoromethane
Concen: 49.571 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

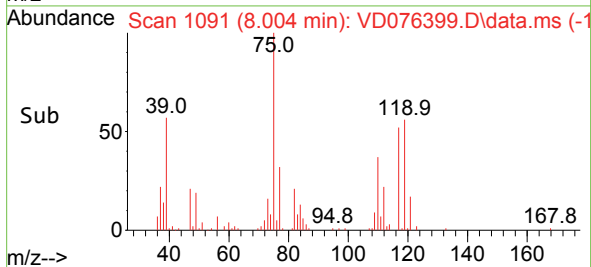
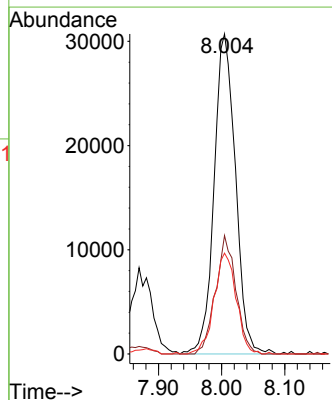
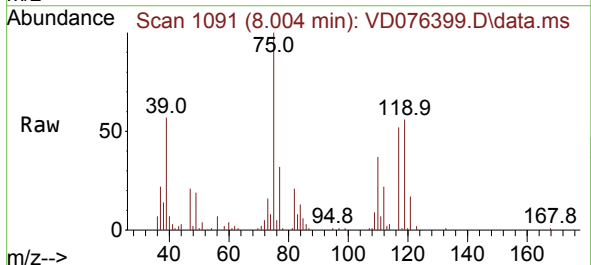
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

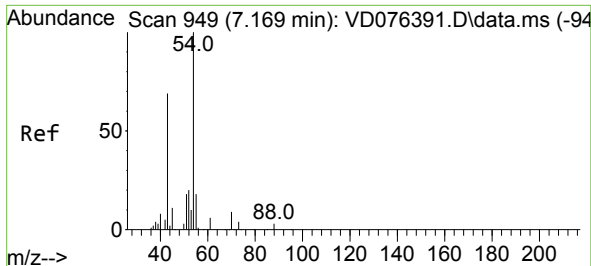
Tgt Ion:113 Resp: 128182
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 21.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.158 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 75 Resp: 72306
Ion Ratio Lower Upper
75 100
110 35.4 19.9 59.6
77 32.6 24.7 37.1





#37

Ethyl Acetate

Concen: 20.713 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBS01

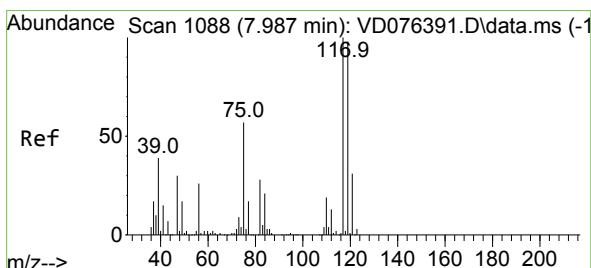
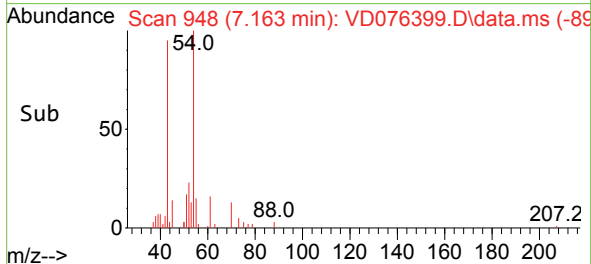
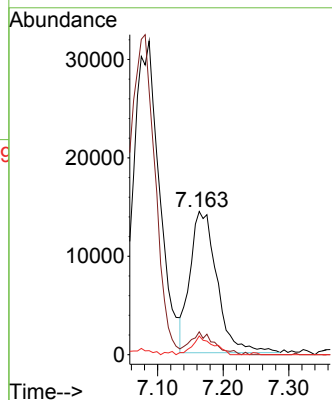
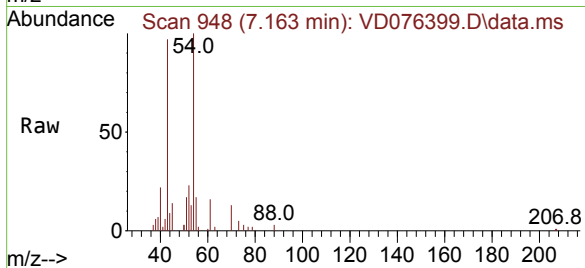
Tgt Ion: 43 Resp: 41120

Ion Ratio Lower Upper

43 100

61 14.1 14.9 22.3#

70 10.0 10.0 15.0



#38

Carbon Tetrachloride

Concen: 18.906 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

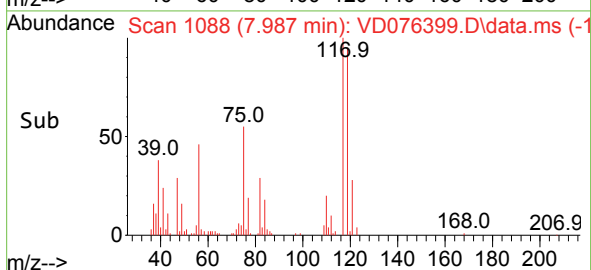
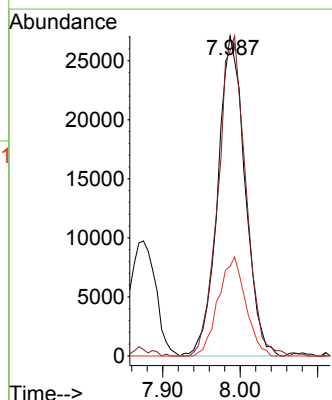
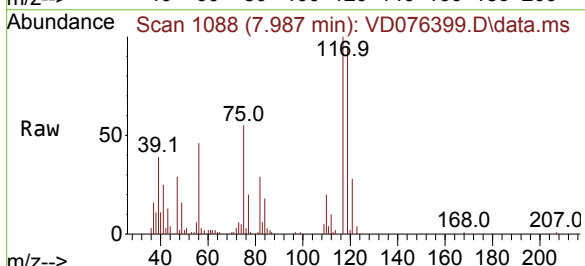
Tgt Ion: 117 Resp: 66250

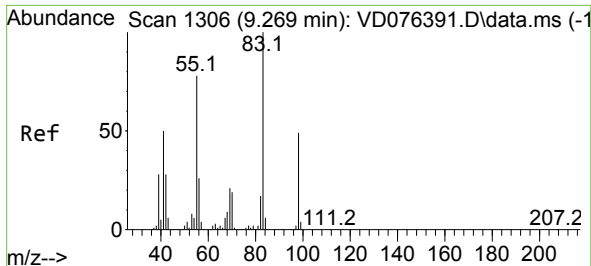
Ion Ratio Lower Upper

117 100

119 95.2 78.0 117.0

121 28.0 24.2 36.2

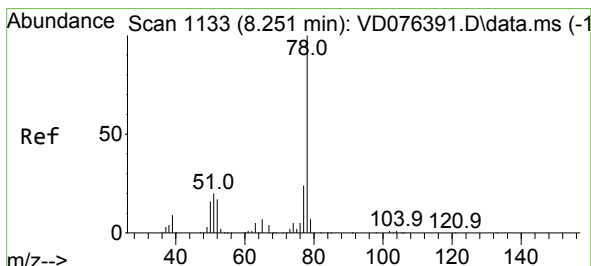
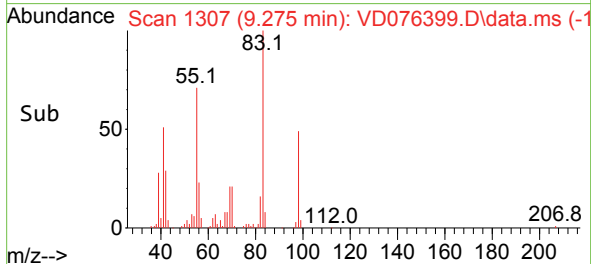
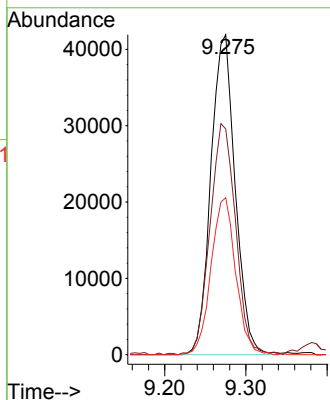
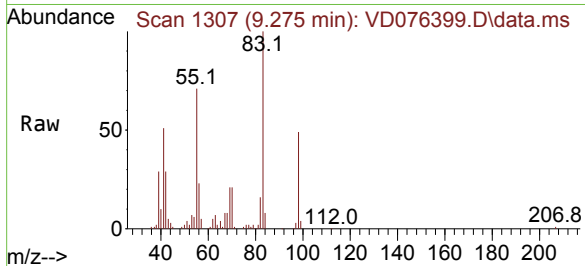




#39
Methylcyclohexane
Concen: 20.078 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. 0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

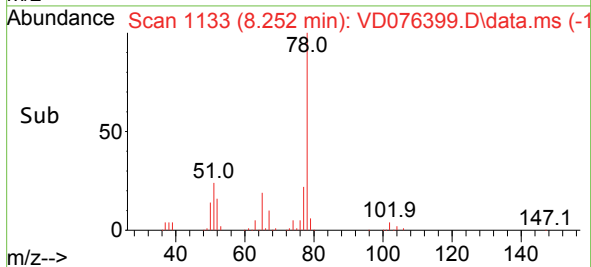
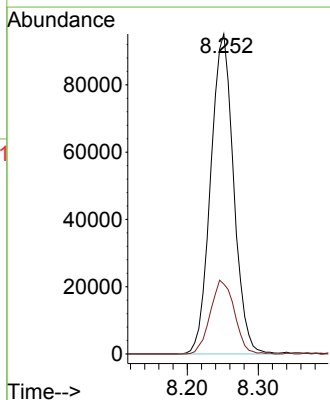
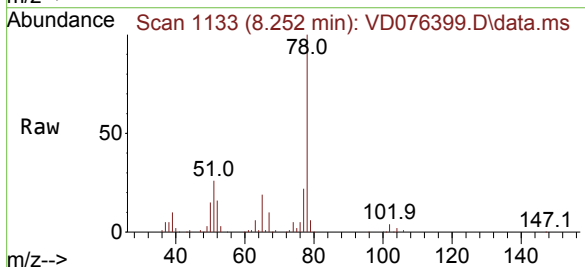
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

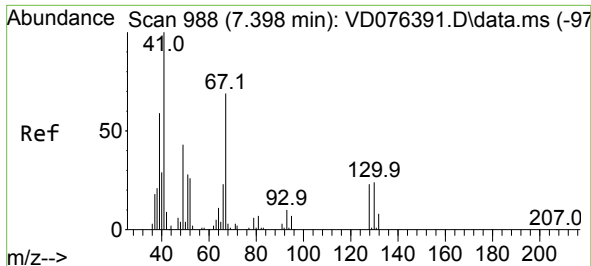
Tgt Ion: 83 Resp: 87257
Ion Ratio Lower Upper
83 100
55 70.6 49.4 74.0
98 49.1 38.4 57.6



#40
Benzene
Concen: 19.458 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 78 Resp: 213497
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.0

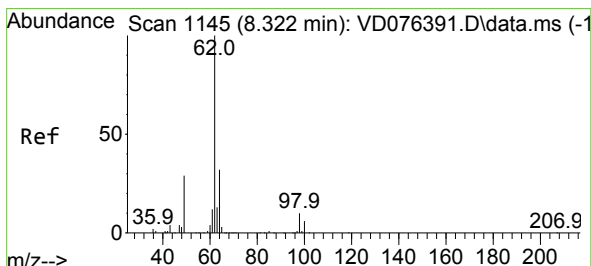
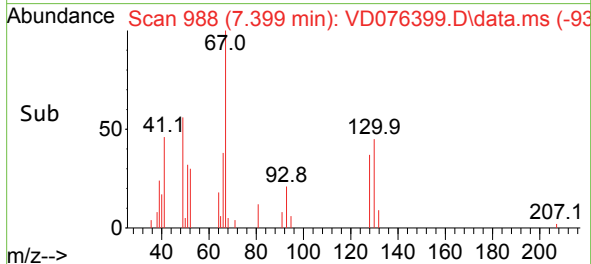
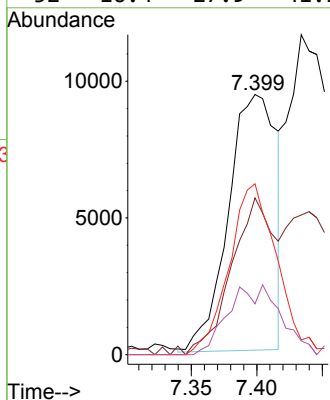
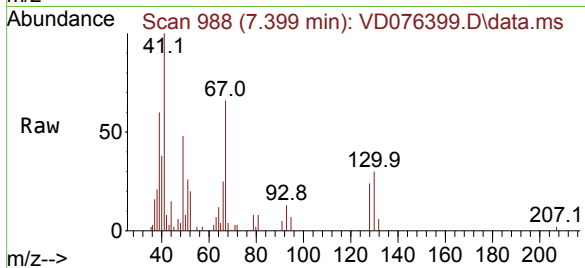




#41
Methacrylonitrile
Concen: 18.748 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

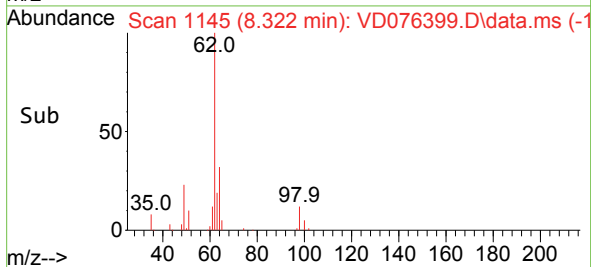
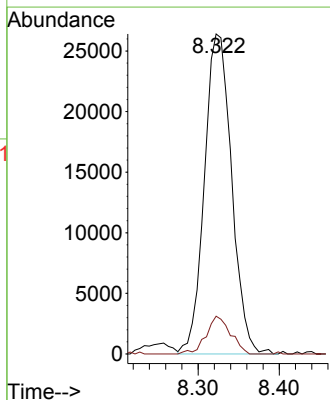
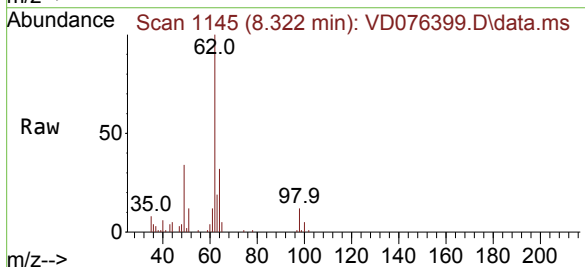
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

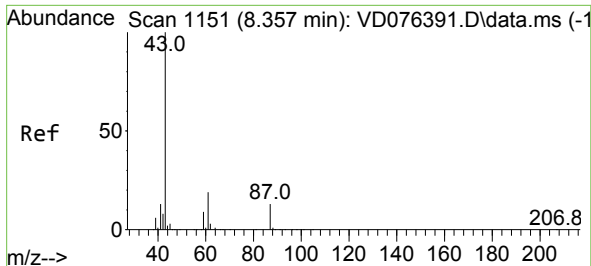
Tgt Ion:	41	Resp:	23810
Ion	Ratio	Lower	Upper
41	100		
39	55.1	34.0	51.0#
67	66.9	77.0	115.4#
52	16.4	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 18.837 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion:	62	Resp:	61547
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	25.4

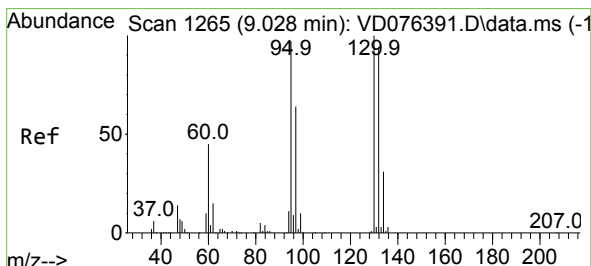
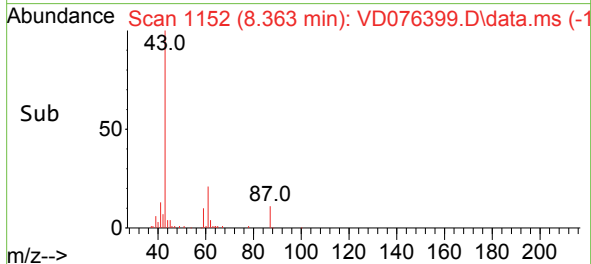
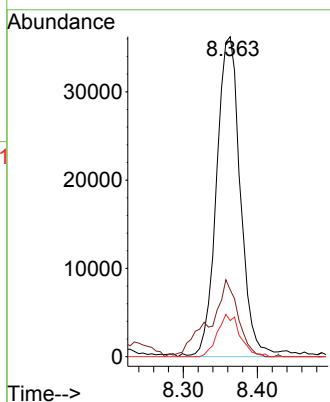
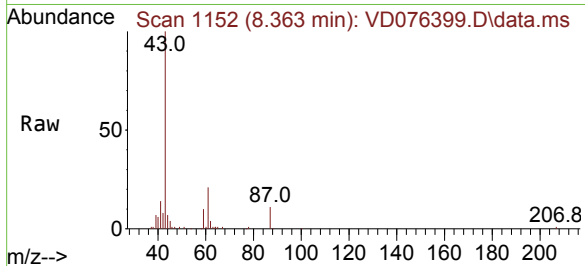




#43
Isopropyl Acetate
Concen: 19.443 ug/l
RT: 8.363 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

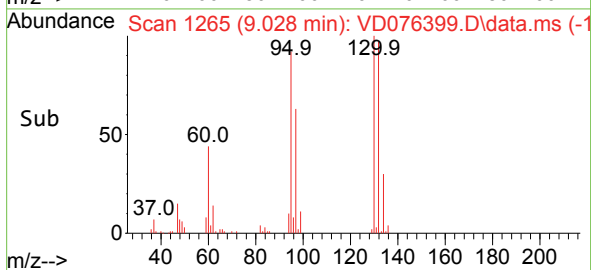
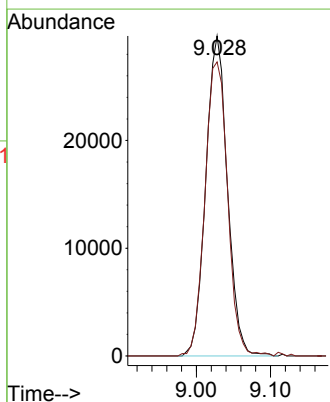
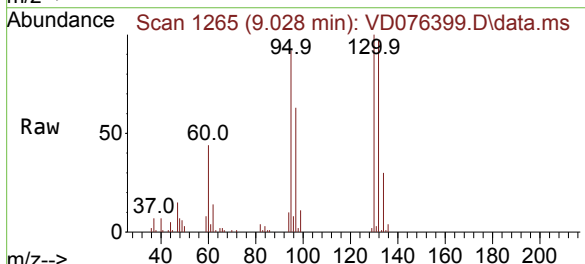
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

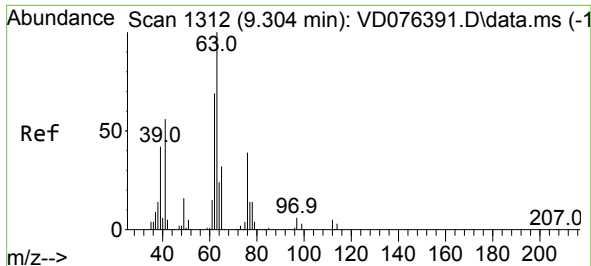
Tgt Ion: 43 Resp: 80927
Ion Ratio Lower Upper
43 100
61 28.5 31.4 47.0#
87 12.6 14.9 22.3#



#44
Trichloroethene
Concen: 20.227 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion:130 Resp: 60165
Ion Ratio Lower Upper
130 100
95 91.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.959 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

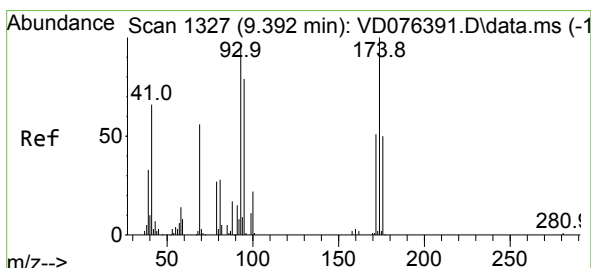
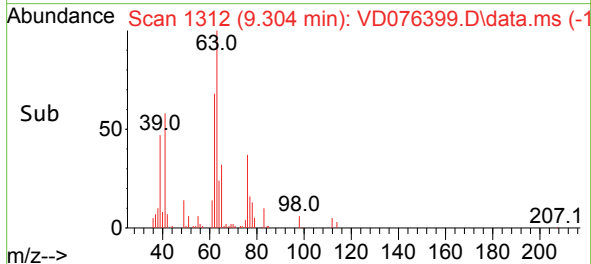
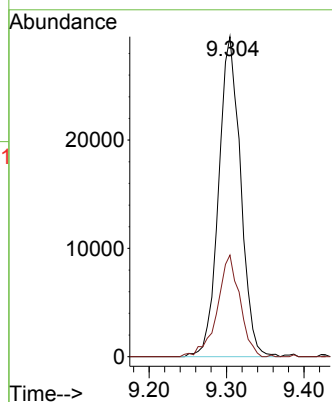
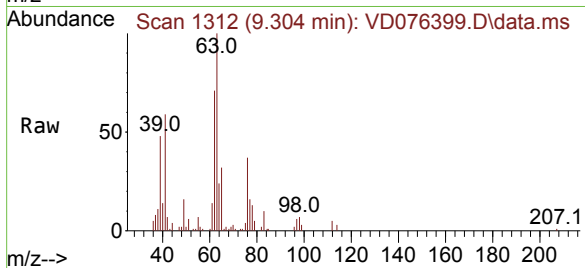
VD0613SBS01

Tgt Ion: 63 Resp: 58206

Ion Ratio Lower Upper

63 100

65 31.8 24.5 36.7



#46

Dibromomethane

Concen: 18.614 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

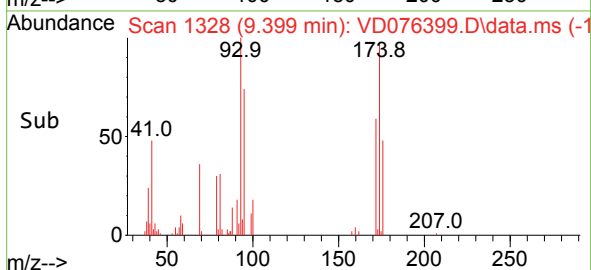
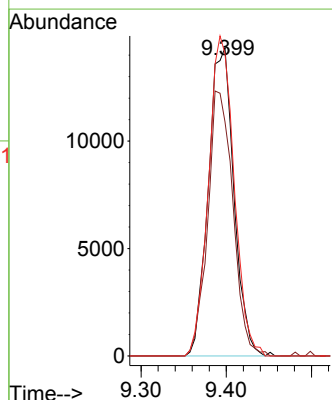
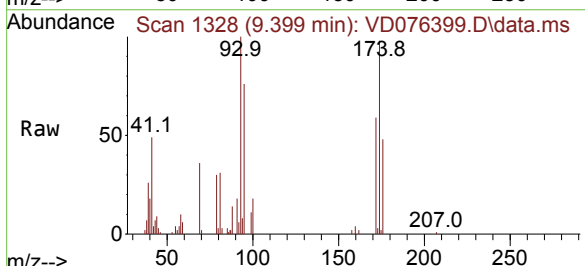
Tgt Ion: 93 Resp: 29958

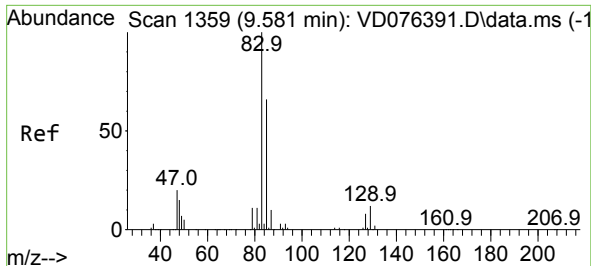
Ion Ratio Lower Upper

93 100

95 84.6 67.7 101.5

174 103.8 85.4 128.2





#47

Bromodichloromethane

Concen: 18.984 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBS01

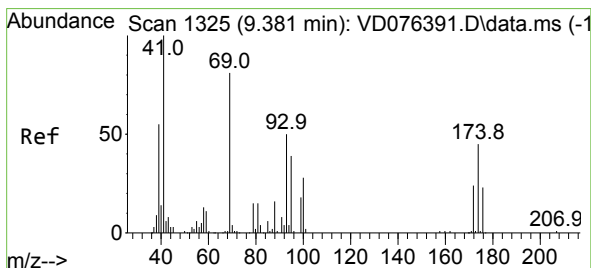
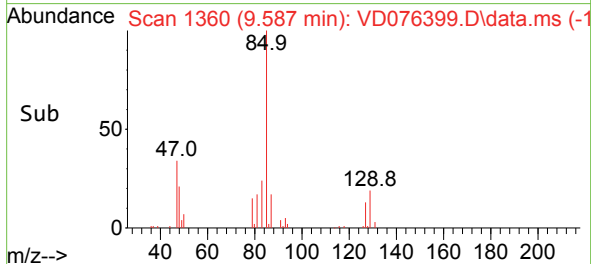
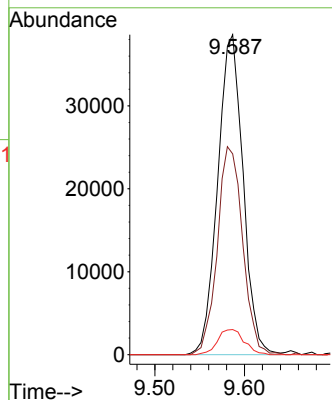
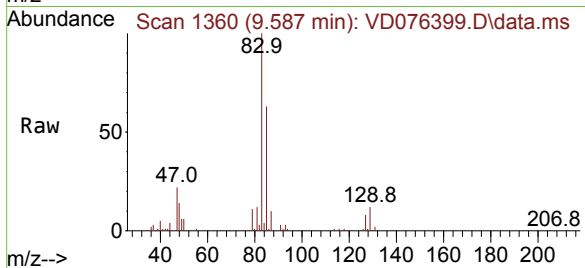
Tgt Ion: 83 Resp: 75685

Ion Ratio Lower Upper

83 100

85 62.7 50.2 75.4

127 7.8 6.3 9.5



#48

Methyl methacrylate

Concen: 19.466 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

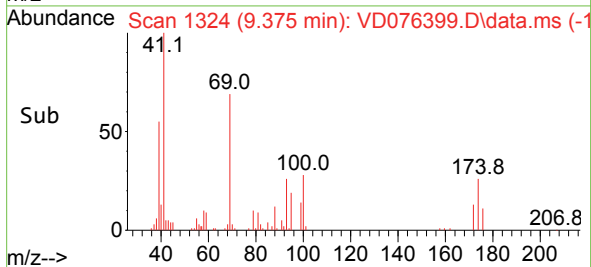
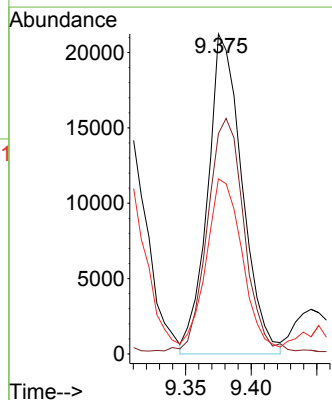
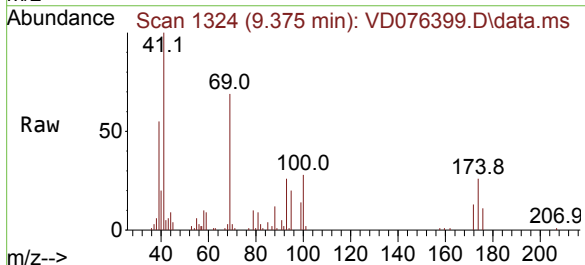
Tgt Ion: 41 Resp: 38833

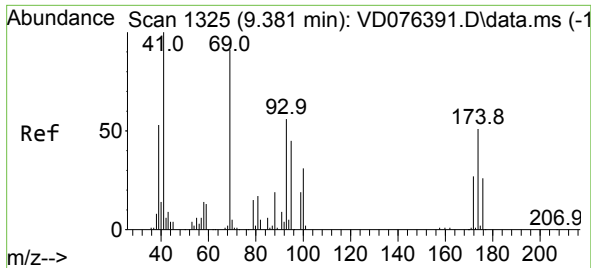
Ion Ratio Lower Upper

41 100

69 77.9 102.2 153.2#

39 58.6 41.4 62.2

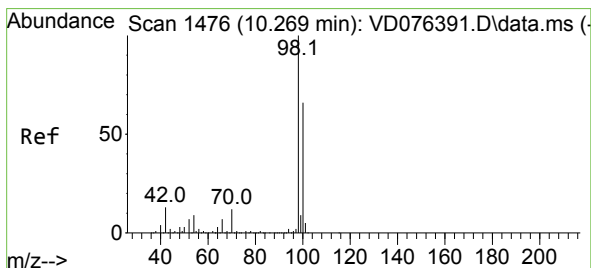
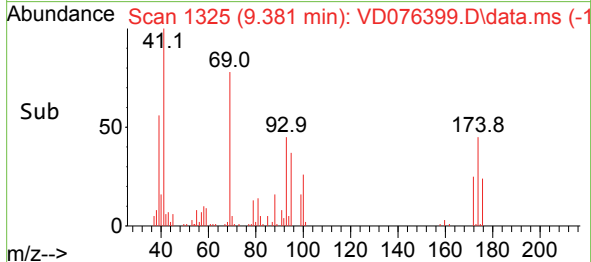
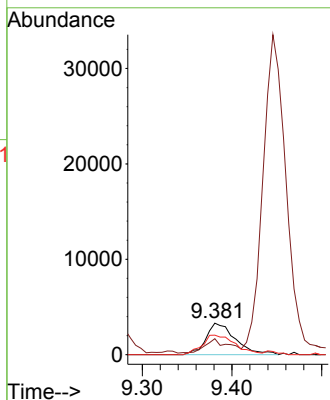
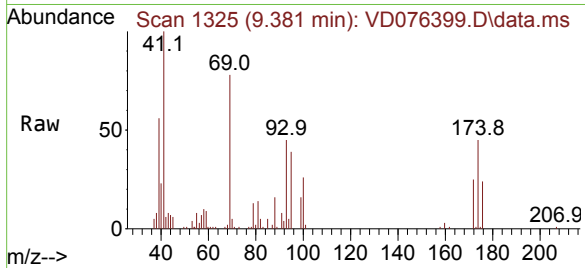




#49
1,4-Dioxane
Concen: 395.652 ug/l
RT: 9.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

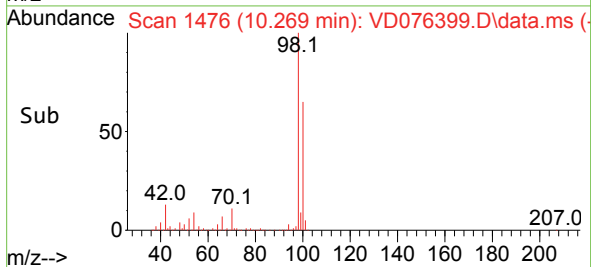
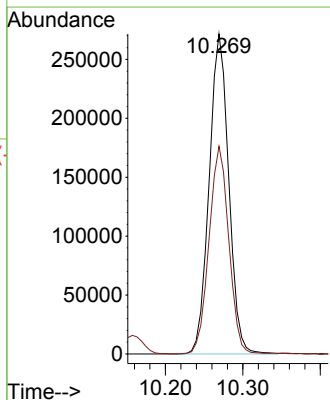
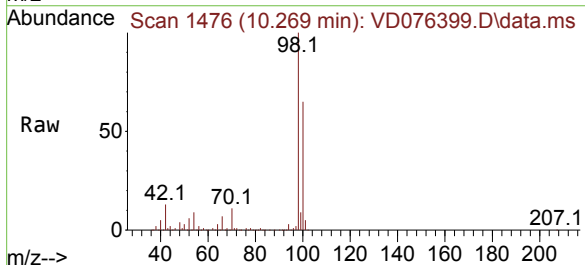
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

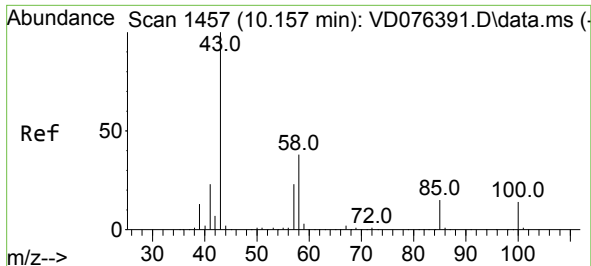
Tgt Ion: 88 Resp: 7555
Ion Ratio Lower Upper
88 100
43 33.6 19.0 28.6#
58 69.3 43.5 65.3#



#50
Toluene-d8
Concen: 48.670 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 98 Resp: 476923
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5

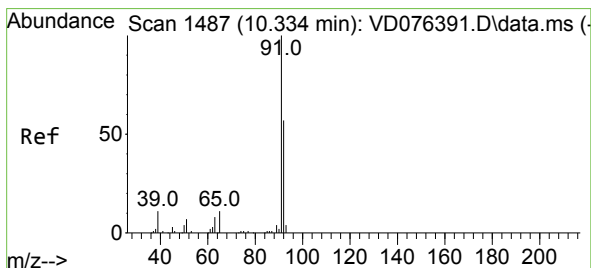
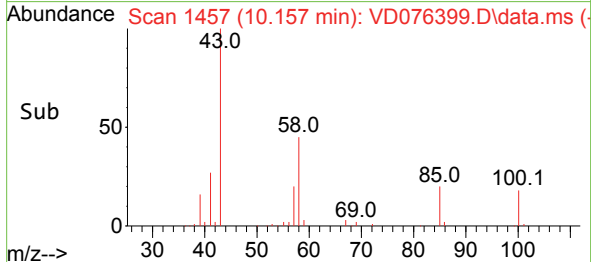
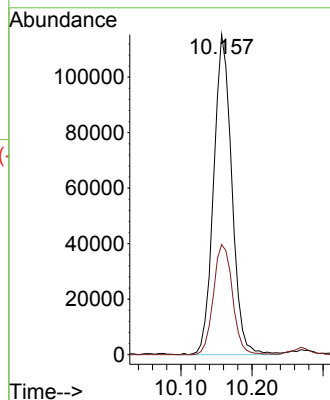
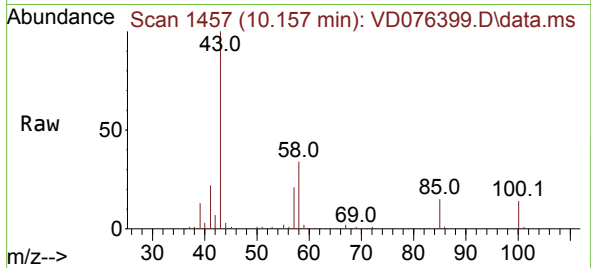




#51
4-Methyl-2-Pentanone
Concen: 99.117 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

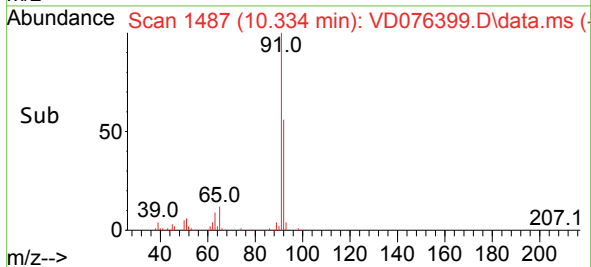
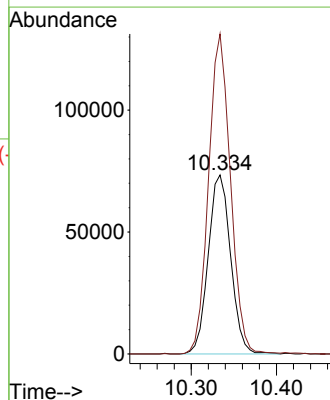
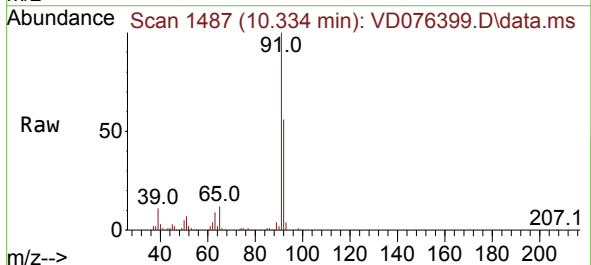
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

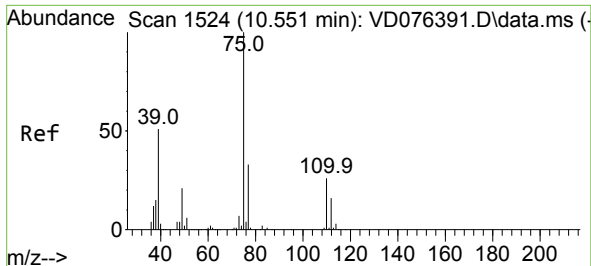
Tgt Ion: 43 Resp: 204903
Ion Ratio Lower Upper
43 100
58 36.1 38.9 58.3#



#52
Toluene
Concen: 19.377 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 92 Resp: 134406
Ion Ratio Lower Upper
92 100
91 174.3 143.0 214.4

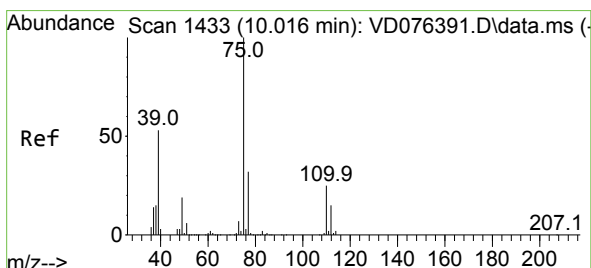
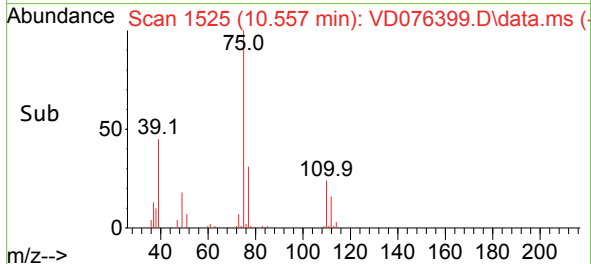
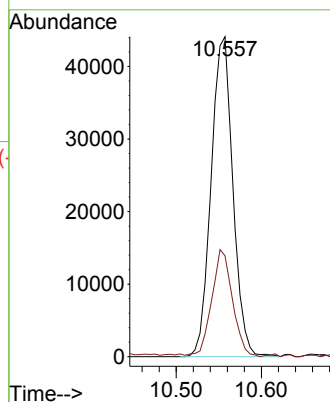
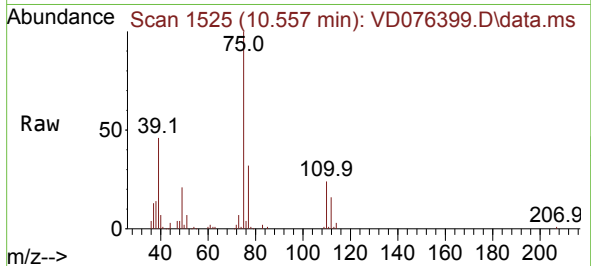




#53
 t-1,3-Dichloropropene
 Concen: 19.175 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD076399.D
 Acq: 13 Jun 2023 12:19

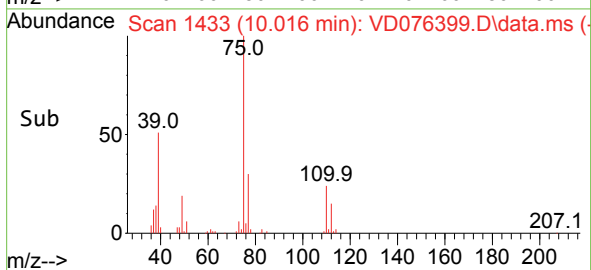
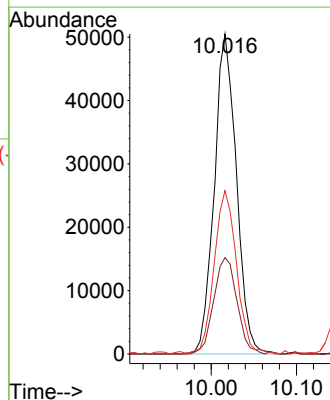
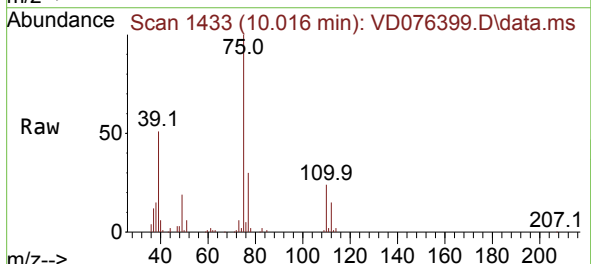
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBS01

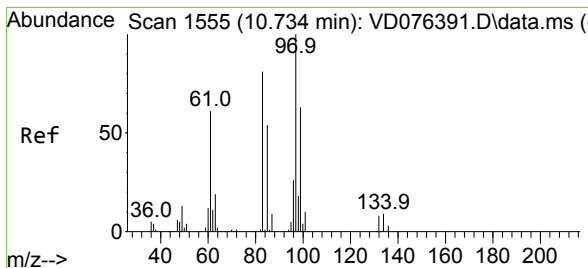
Tgt Ion: 75 Resp: 78189
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.389 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076399.D
 Acq: 13 Jun 2023 12:19

Tgt Ion: 75 Resp: 90920
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.5 38.3
 39 51.1 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 19.332 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBS01

Tgt Ion: 97 Resp: 41558

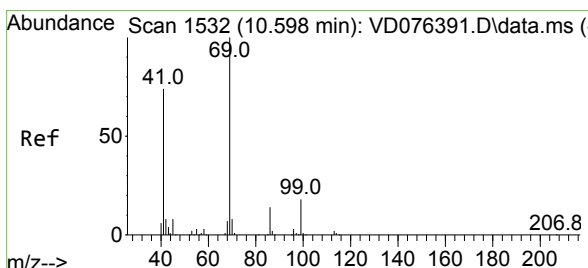
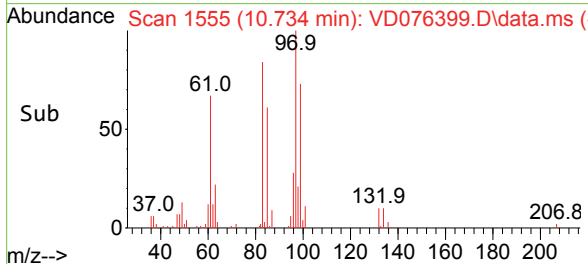
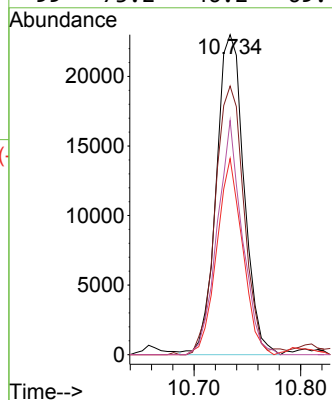
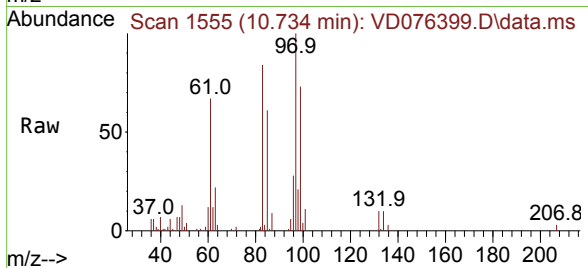
Ion Ratio Lower Upper

97 100

83 83.9 65.8 98.6

85 61.3 45.7 68.5

99 73.2 46.2 69.4#



#56

Ethyl methacrylate

Concen: 19.447 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

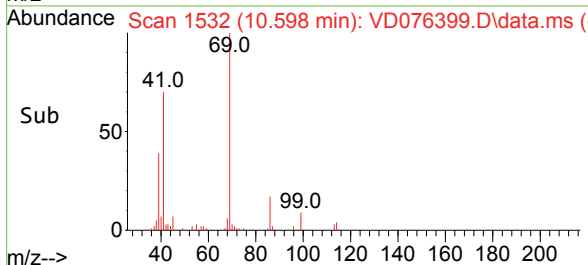
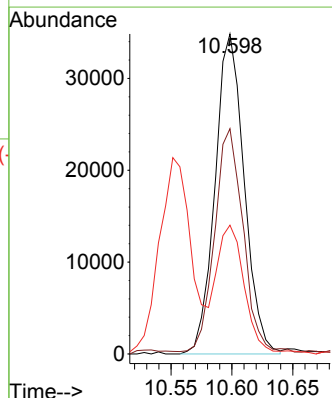
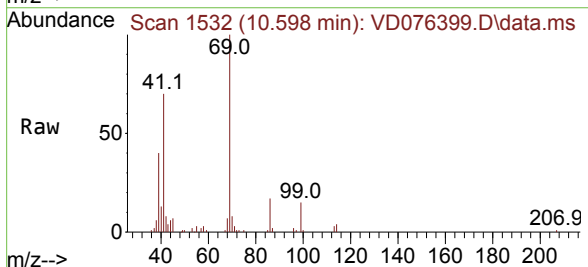
Tgt Ion: 69 Resp: 58055

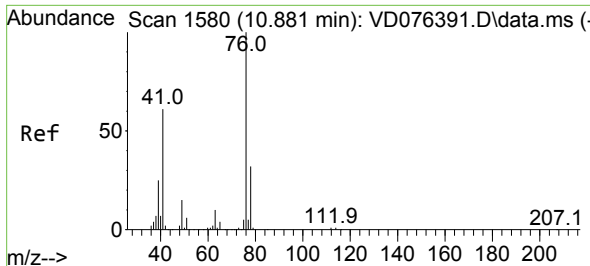
Ion Ratio Lower Upper

69 100

41 68.5 39.1 58.7#

39 38.1 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 19.965 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

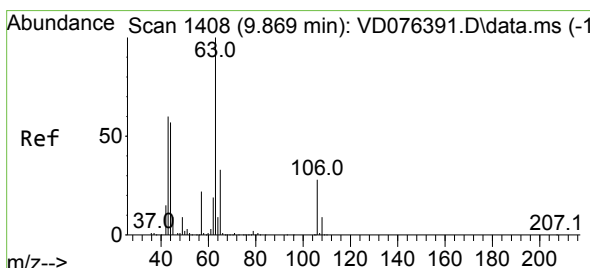
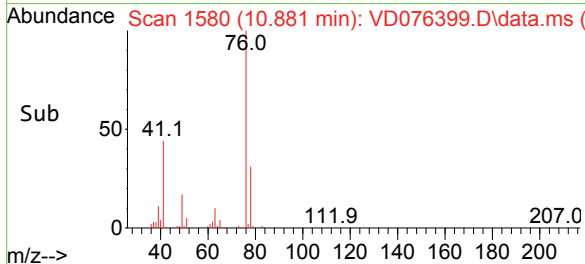
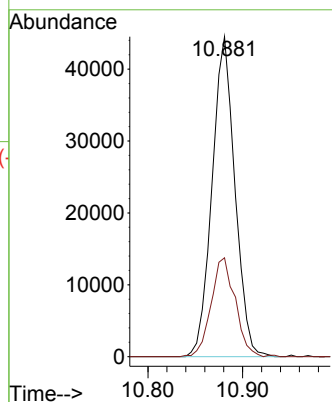
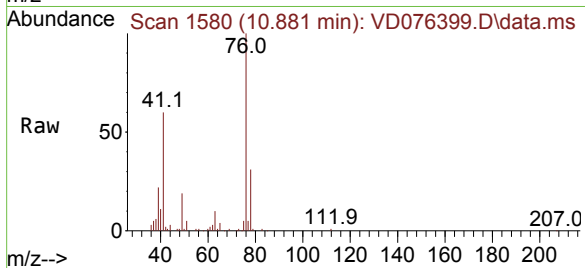
VD0613SBS01

Tgt Ion: 76 Resp: 74660

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.452 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076399.D

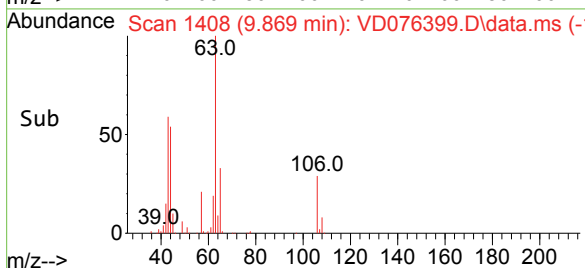
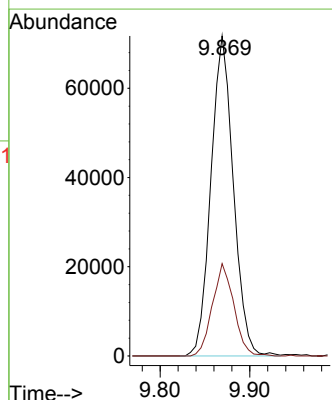
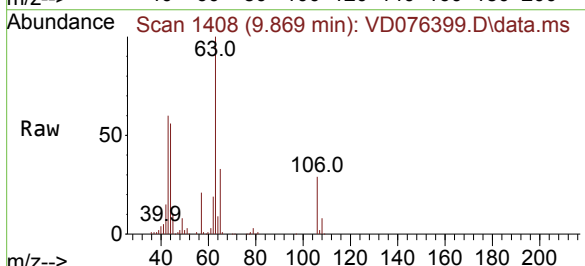
Acq: 13 Jun 2023 12:19

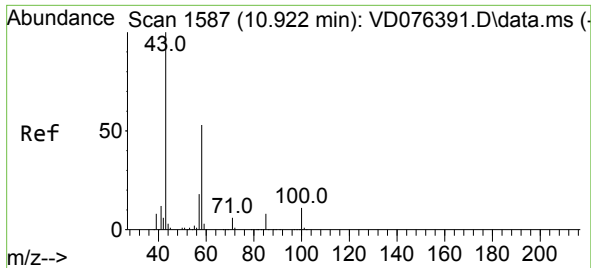
Tgt Ion: 63 Resp: 124584

Ion Ratio Lower Upper

63 100

106 27.5 25.3 37.9

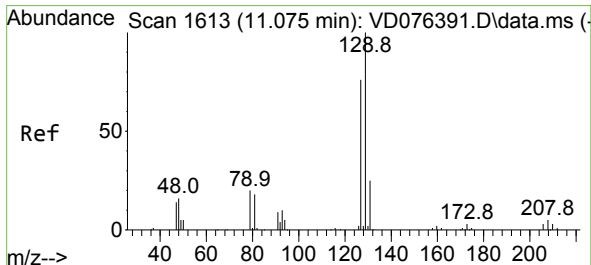
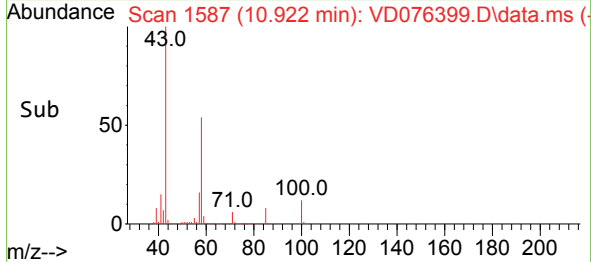
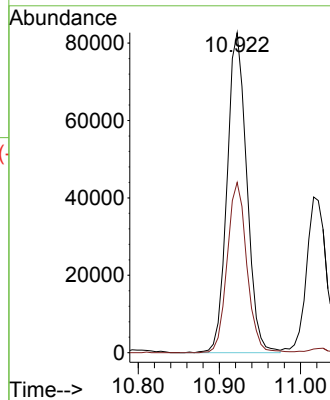
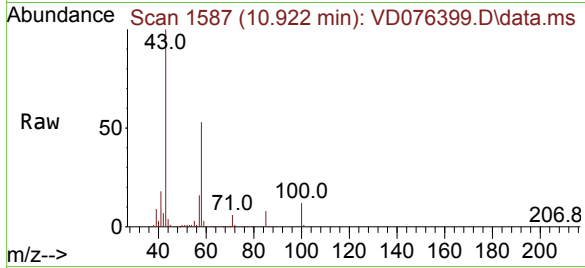




#59
2-Hexanone
Concen: 96.146 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

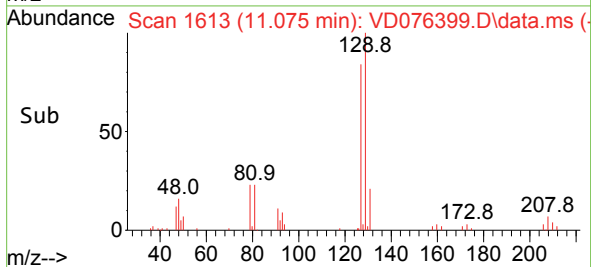
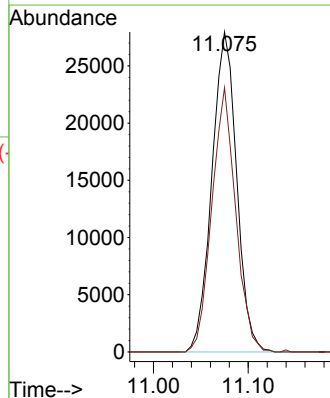
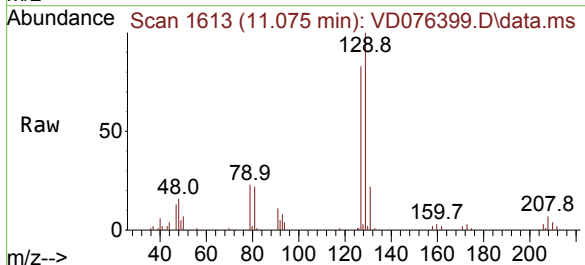
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

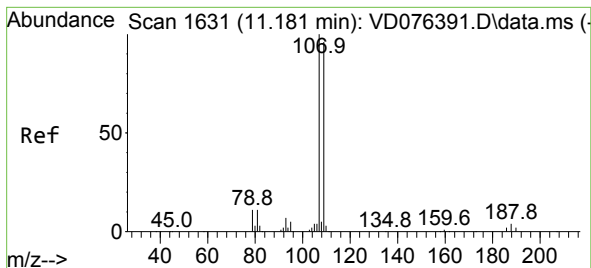
Tgt Ion: 43 Resp: 139323
Ion Ratio Lower Upper
43 100
58 53.0 34.1 102.2



#60
Dibromochloromethane
Concen: 19.130 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 129 Resp: 50882
Ion Ratio Lower Upper
129 100
127 79.4 37.1 111.5

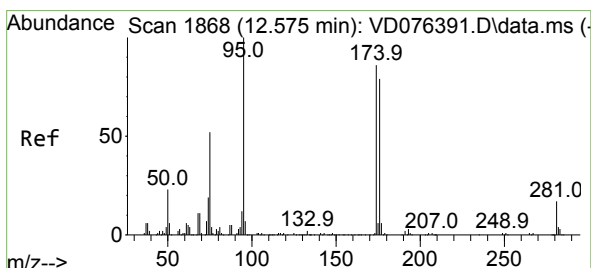
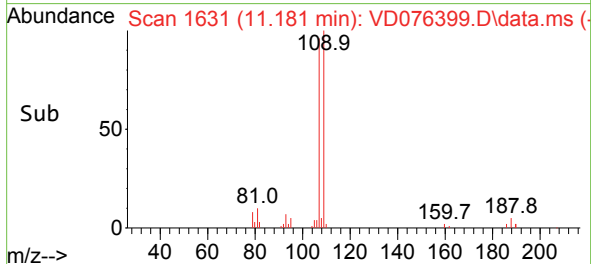
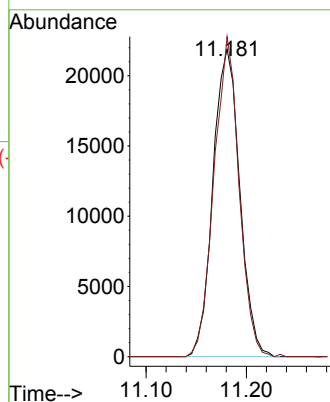
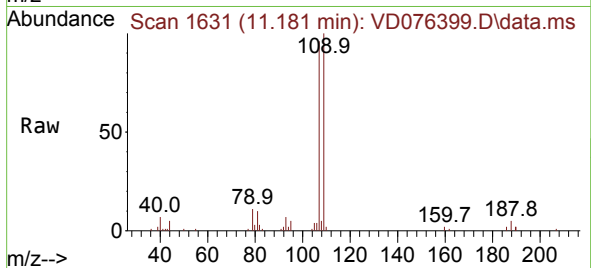




#61
1,2-Dibromoethane
Concen: 19.492 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

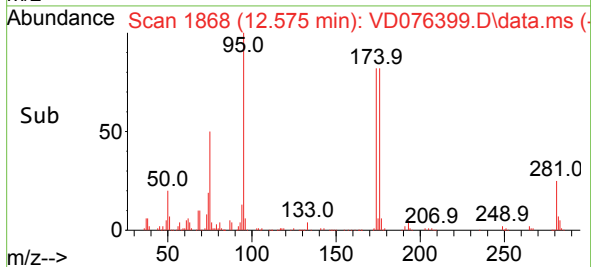
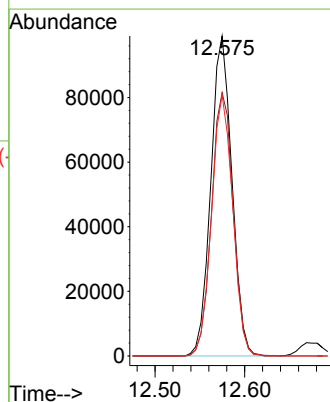
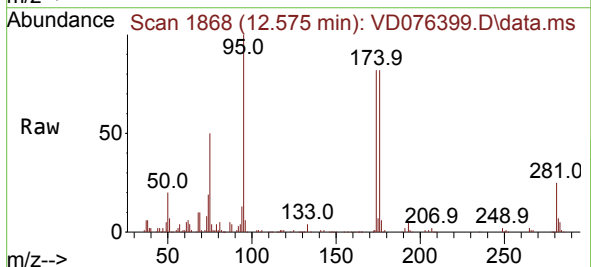
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

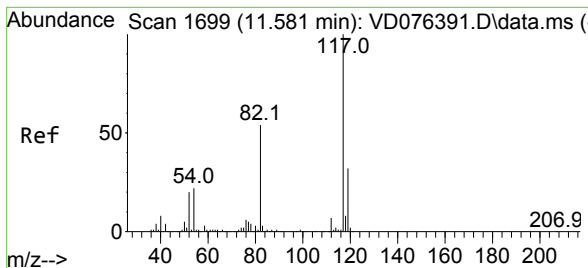
Tgt Ion:107 Resp: 40652
Ion Ratio Lower Upper
107 100
109 97.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.047 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 95 Resp: 161520
Ion Ratio Lower Upper
95 100
174 84.3 0.0 201.8
176 81.7 0.0 191.8

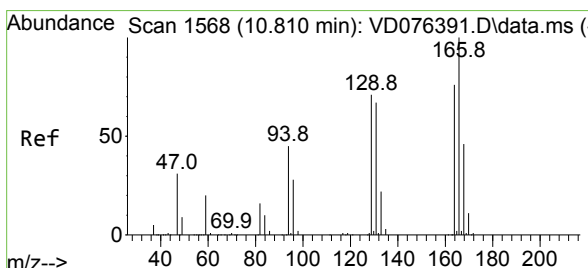
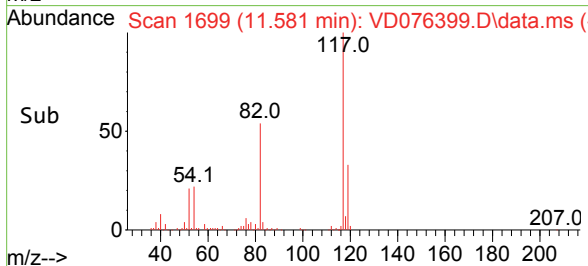
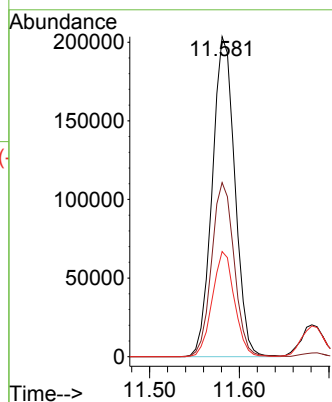
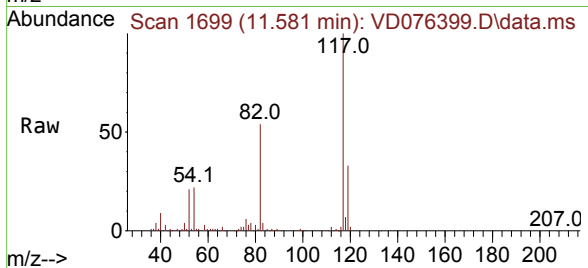




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

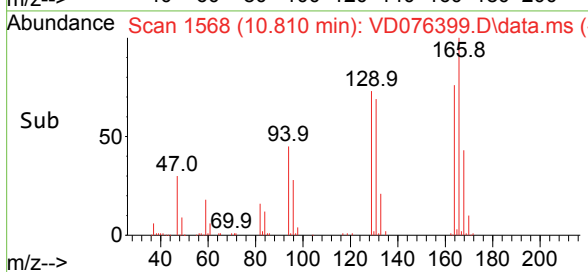
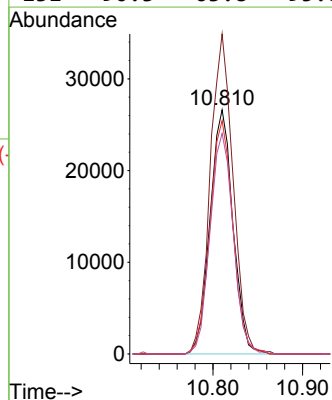
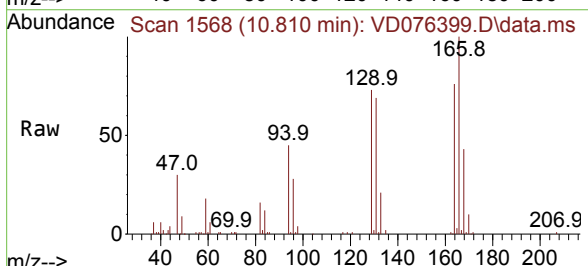
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

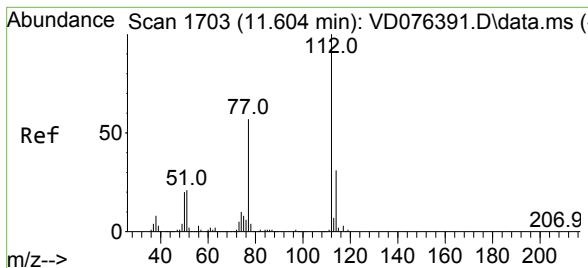
Tgt Ion:117 Resp: 355740
Ion Ratio Lower Upper
117 100
82 54.4 38.3 57.5
119 32.8 25.0 37.4



#64
Tetrachloroethene
Concen: 19.360 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion:164 Resp: 47282
Ion Ratio Lower Upper
164 100
166 131.1 99.2 148.8
129 95.6 68.4 102.6
131 90.3 63.8 95.8

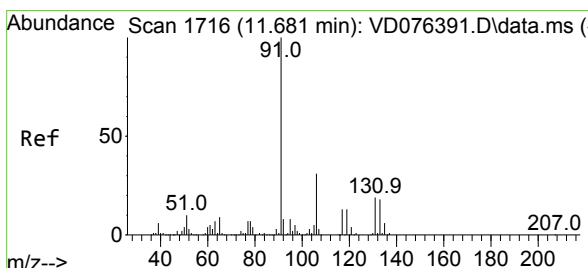
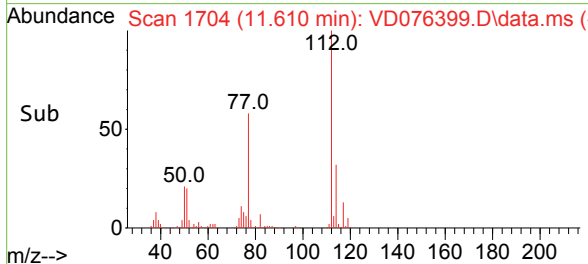
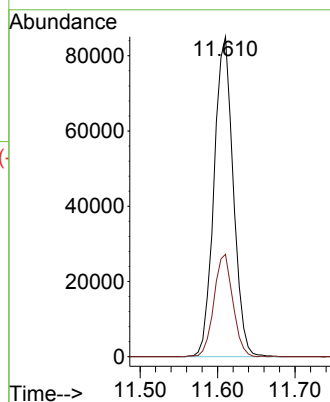
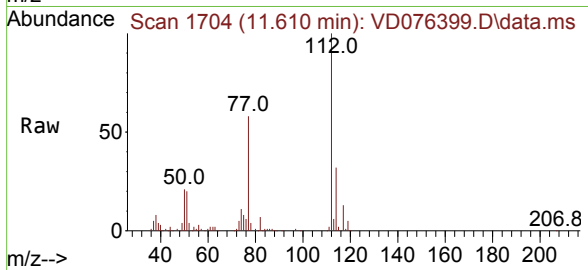




#65
Chlorobenzene
Concen: 19.843 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

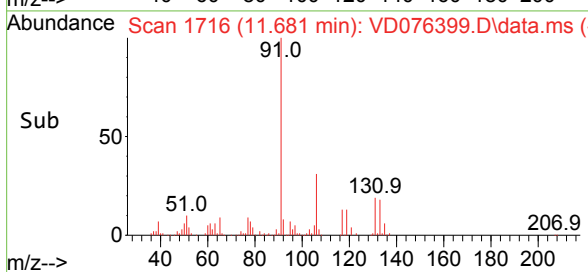
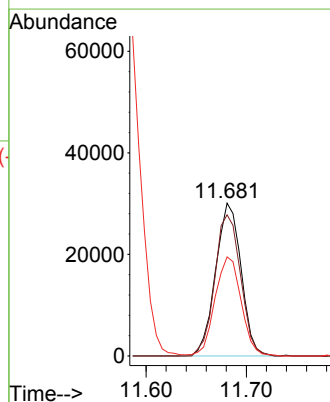
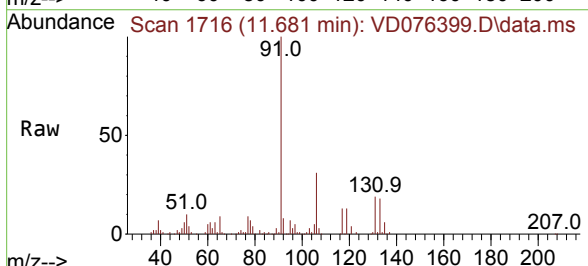
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

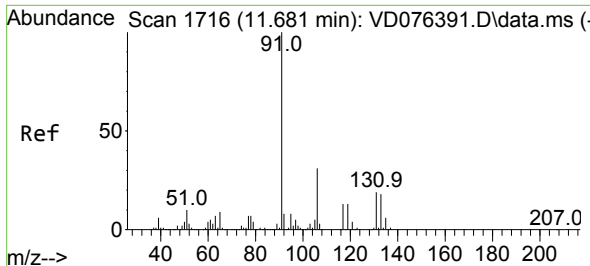
Tgt Ion:112 Resp: 146316
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.245 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion:131 Resp: 53061
Ion Ratio Lower Upper
131 100
133 94.0 48.5 145.5
119 66.5 35.6 106.9

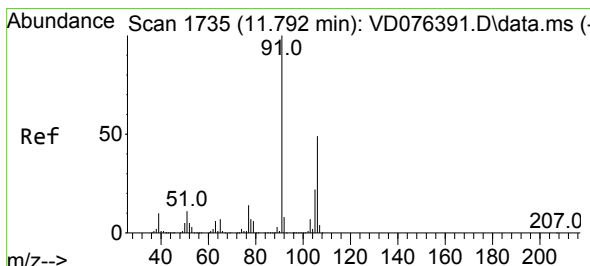
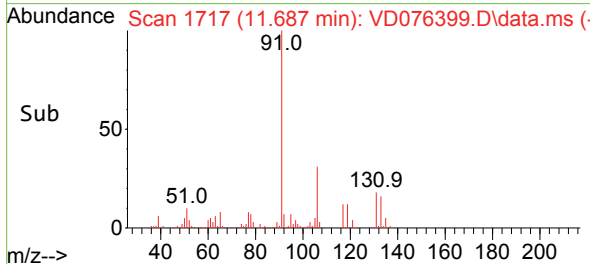
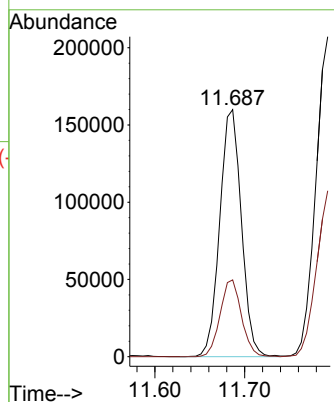
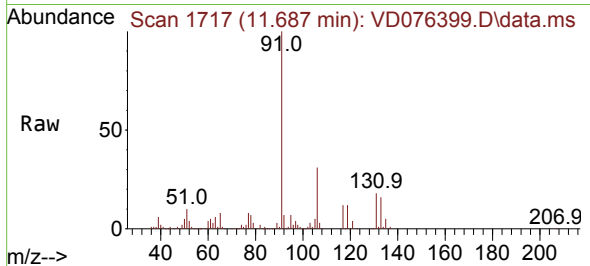




#67
Ethyl Benzene
Concen: 19.716 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

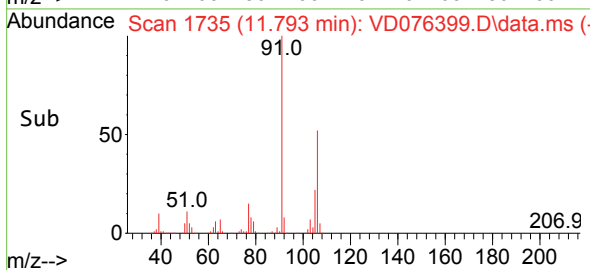
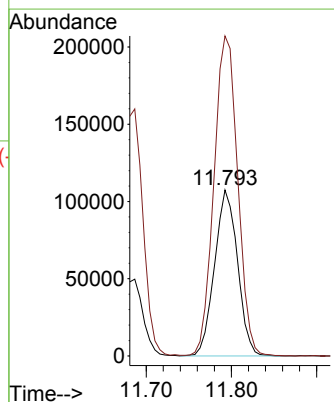
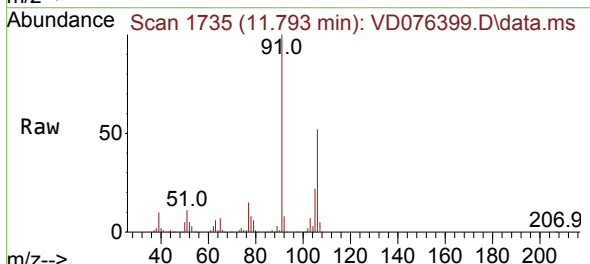
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

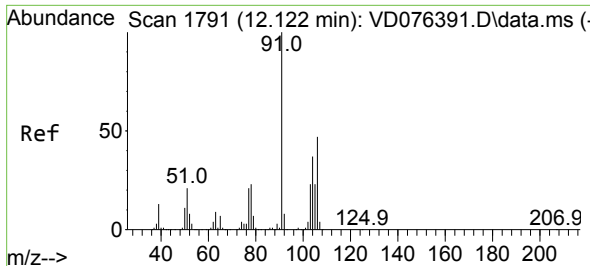
Tgt Ion: 91 Resp: 267774
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7



#68
m/p-Xylenes
Concen: 39.184 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 106 Resp: 201354
Ion Ratio Lower Upper
106 100
91 199.5 147.0 220.6

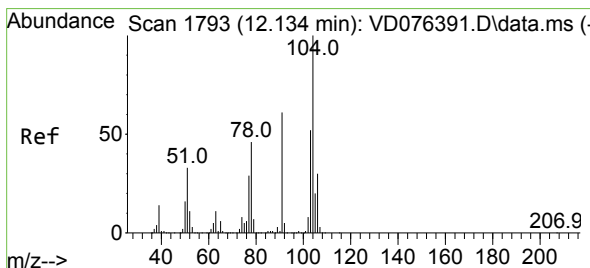
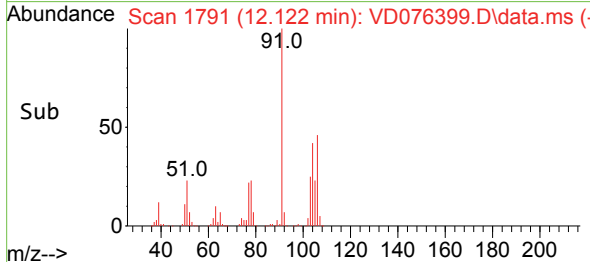
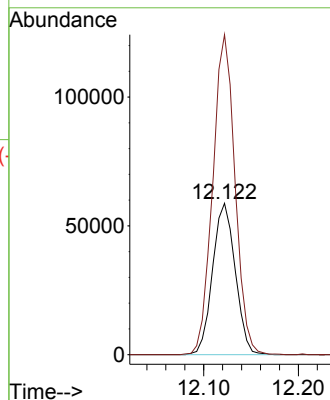
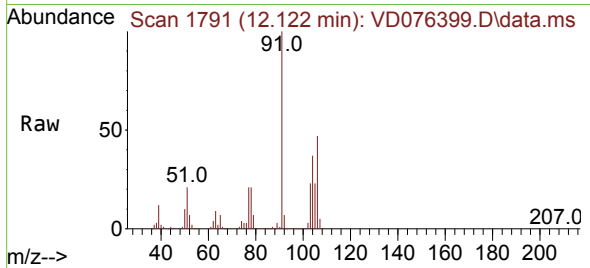




#69
o-Xylene
Concen: 19.786 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

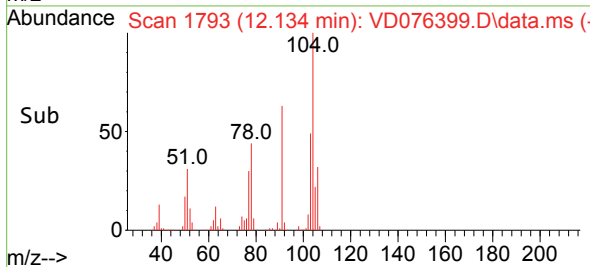
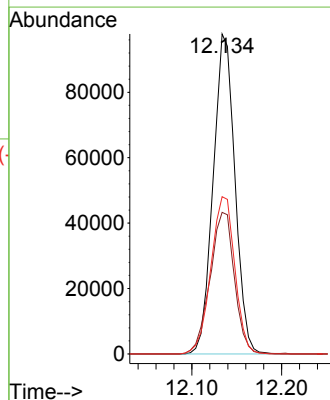
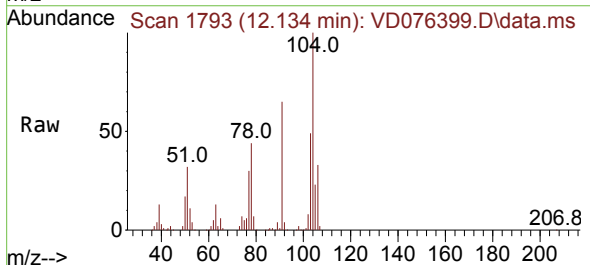
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

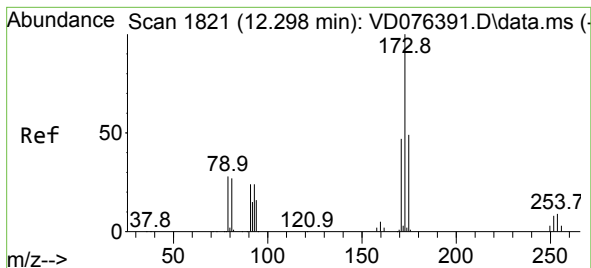
Tgt Ion:106 Resp: 97672
Ion Ratio Lower Upper
106 100
91 208.3 97.9 293.6



#70
Styrene
Concen: 19.578 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion:104 Resp: 164886
Ion Ratio Lower Upper
104 100
78 49.7 33.2 49.8
103 54.0 43.6 65.4





#71

Bromoform

Concen: 19.491 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBS01

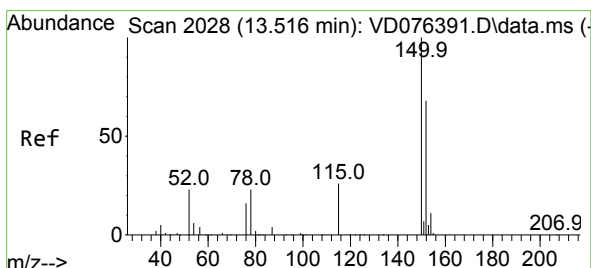
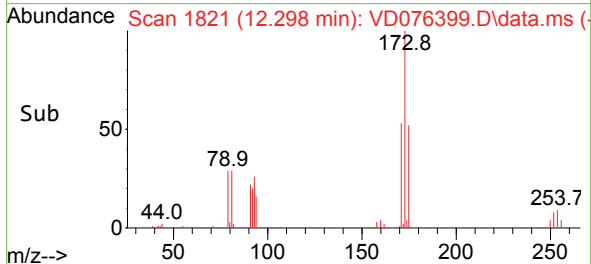
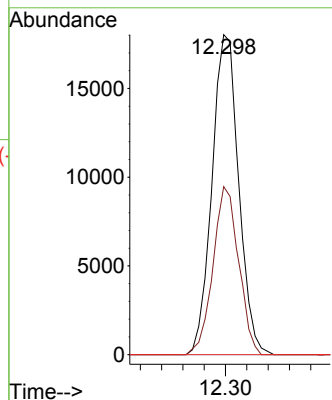
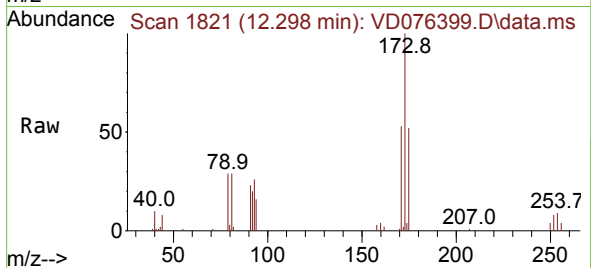
Tgt Ion:173 Resp: 31345

Ion Ratio Lower Upper

173 100

175 50.3 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. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

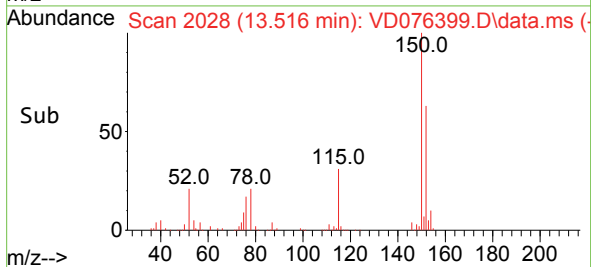
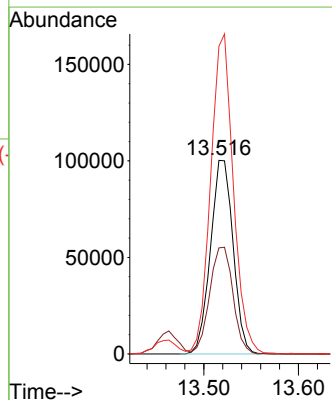
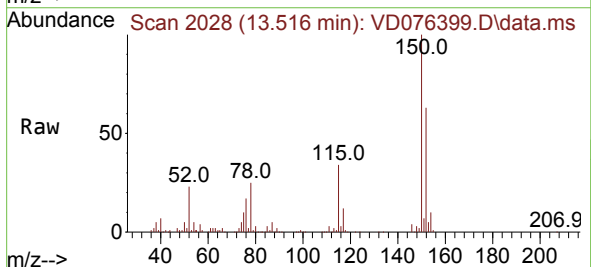
Tgt Ion:152 Resp: 166519

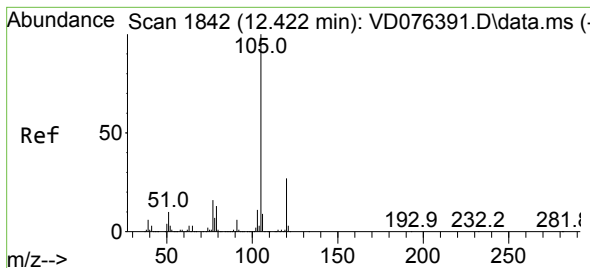
Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 165.2 0.0 353.6





#73

Isopropylbenzene

Concen: 20.128 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

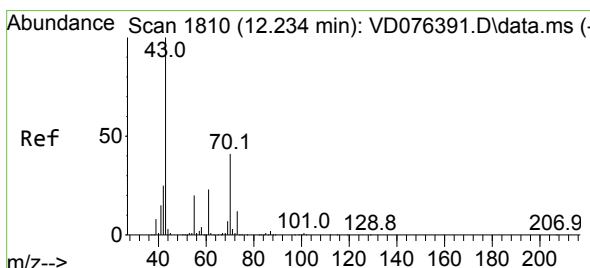
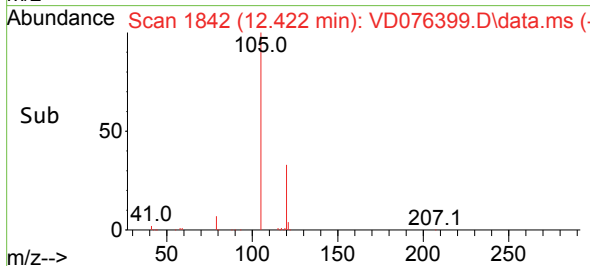
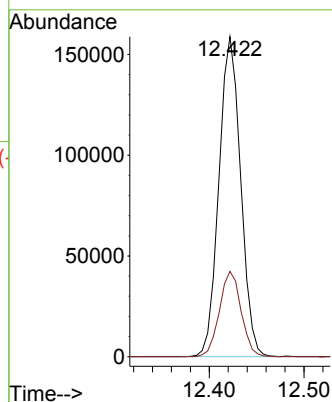
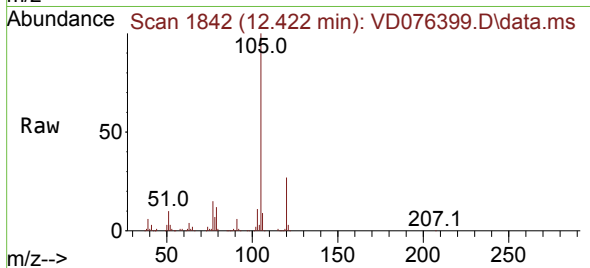
VD0613SBS01

Tgt Ion:105 Resp: 253472

Ion Ratio Lower Upper

105 100

120 26.5 14.3 42.9



#74

N-ethyl acetate

Concen: 20.112 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Tgt Ion: 43 Resp: 77239

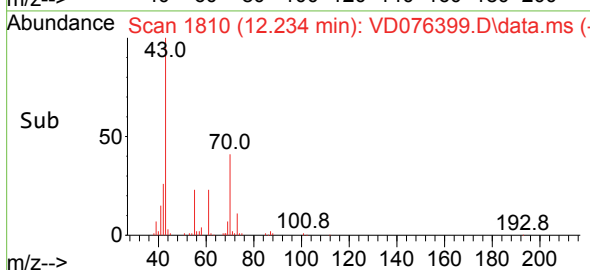
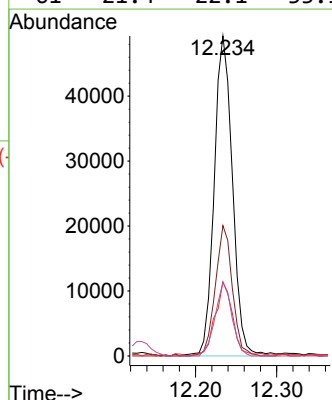
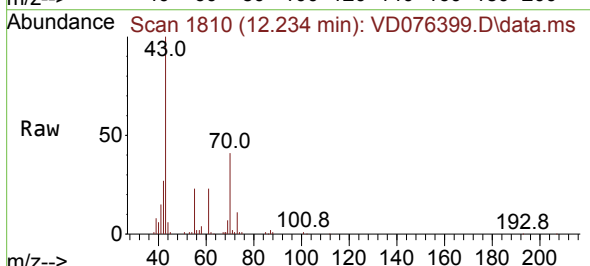
Ion Ratio Lower Upper

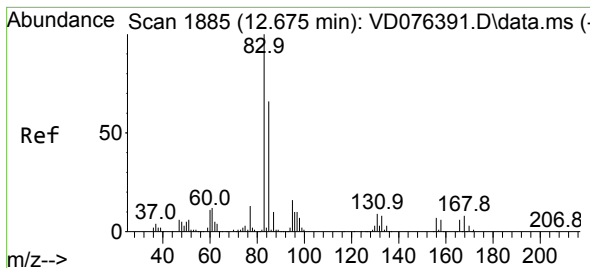
43 100

70 37.9 45.0 67.4#

55 23.0 23.8 35.6#

61 21.4 22.1 33.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.496 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBS01

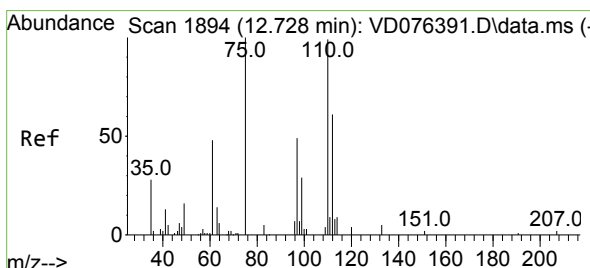
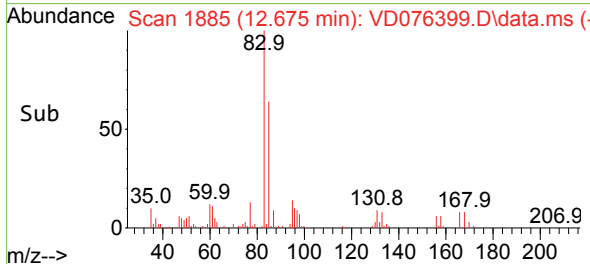
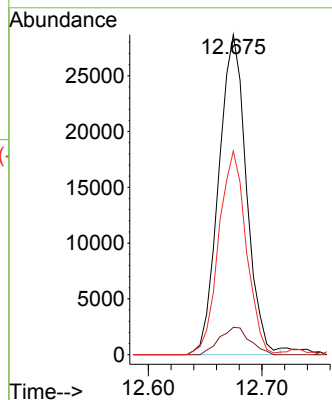
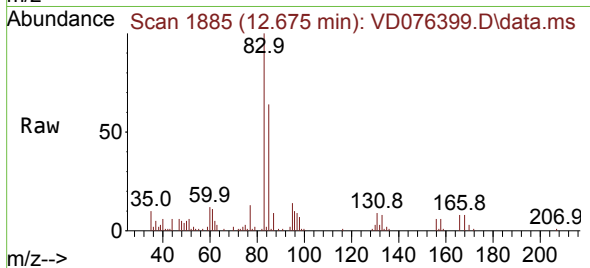
Tgt Ion: 83 Resp: 48484

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.3

85 63.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 39.440 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD076399.D

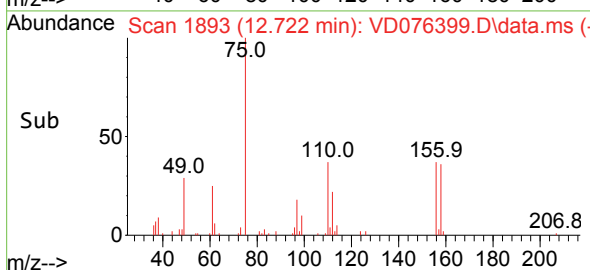
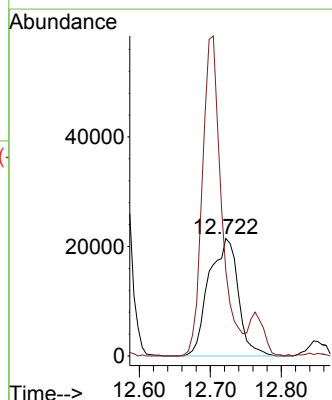
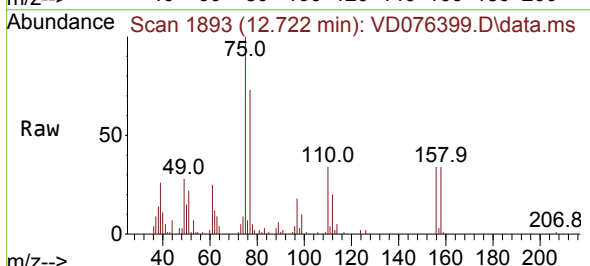
Acq: 13 Jun 2023 12:19

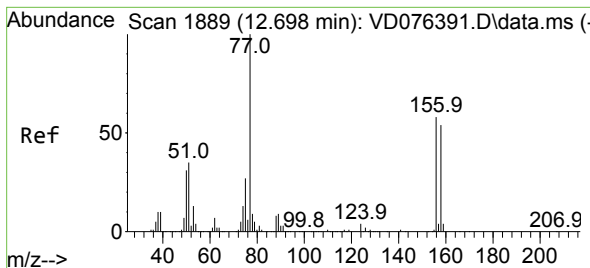
Tgt Ion: 75 Resp: 61398

Ion Ratio Lower Upper

75 100

77 178.6 0.0 0.0#





#77

Bromobenzene

Concen: 20.287 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBS01

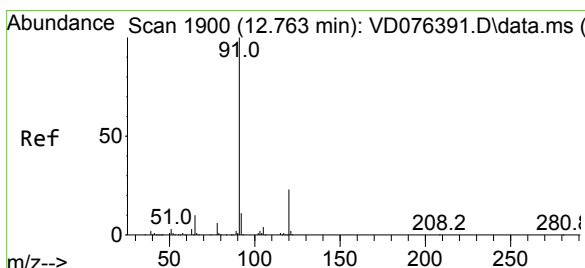
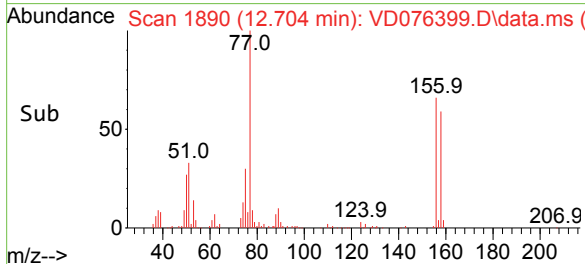
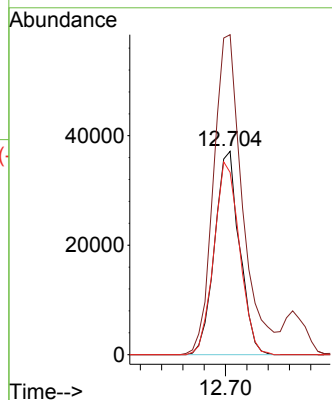
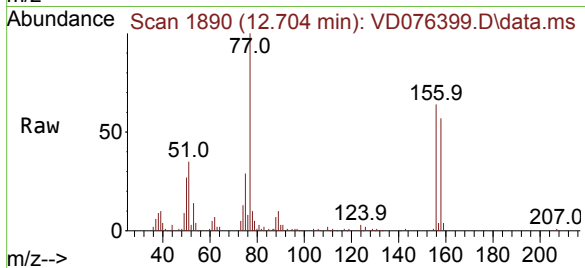
Tgt Ion:156 Resp: 60277

Ion Ratio Lower Upper

156 100

77 181.9 76.8 230.4

158 97.8 48.6 145.9



#78

n-propylbenzene

Concen: 20.115 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076399.D

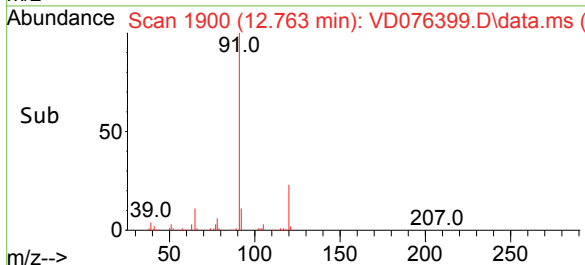
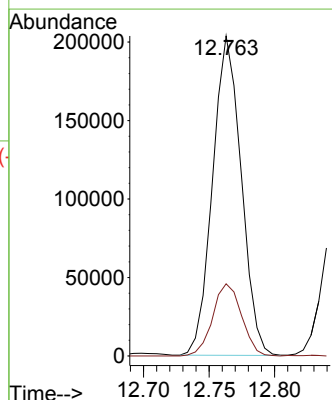
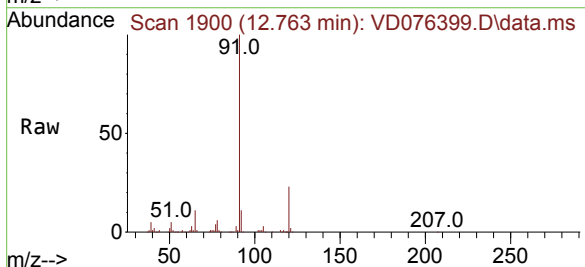
Acq: 13 Jun 2023 12:19

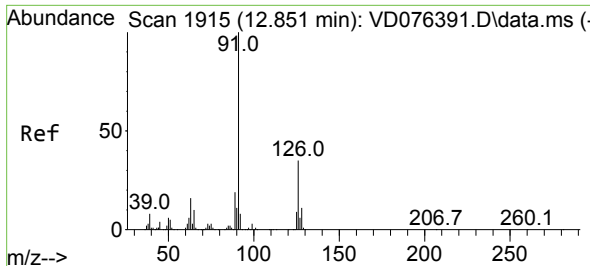
Tgt Ion: 91 Resp: 308766

Ion Ratio Lower Upper

91 100

120 22.8 12.4 37.2

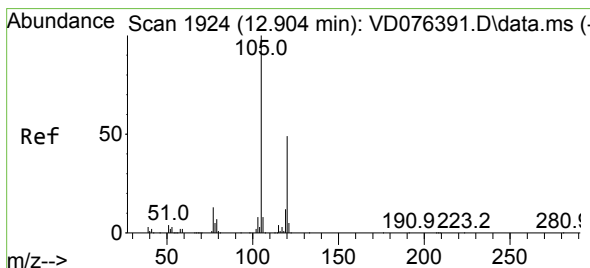
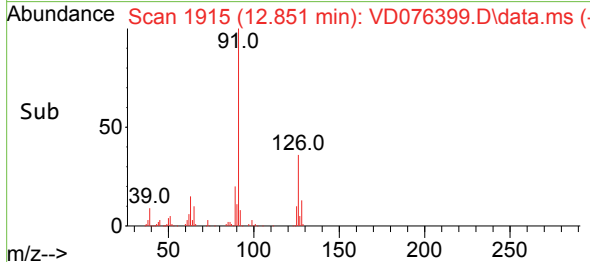
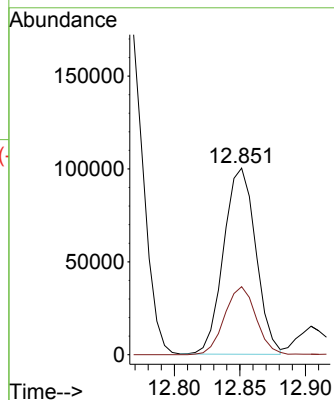
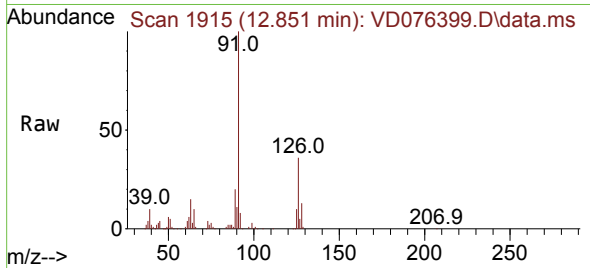




#79
2-Chlorotoluene
Concen: 19.708 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

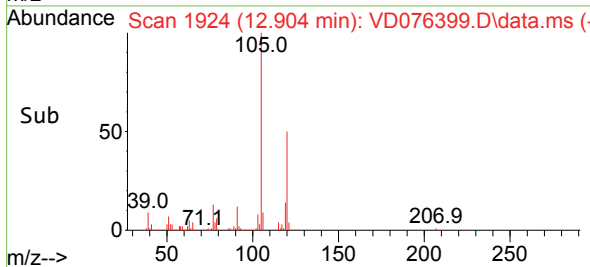
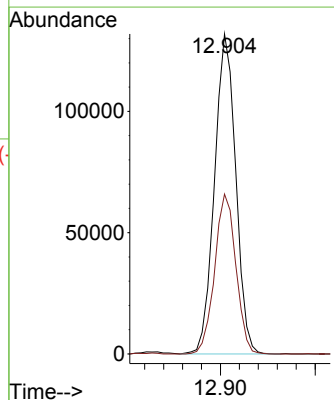
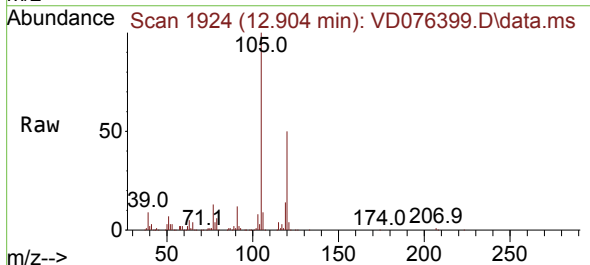
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

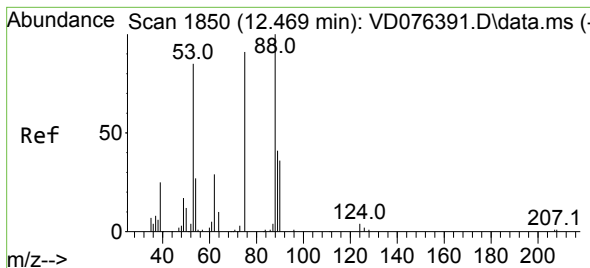
Tgt Ion: 91 Resp: 171187
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.537 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 105 Resp: 205360
Ion Ratio Lower Upper
105 100
120 49.9 26.4 79.2

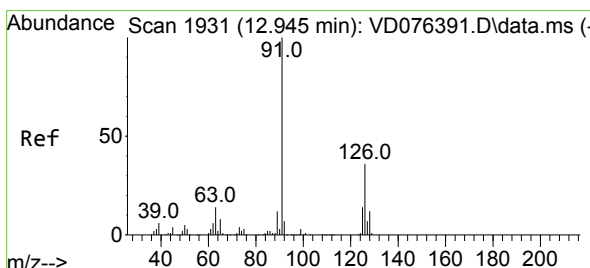
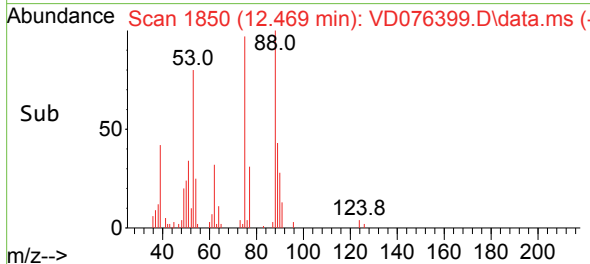
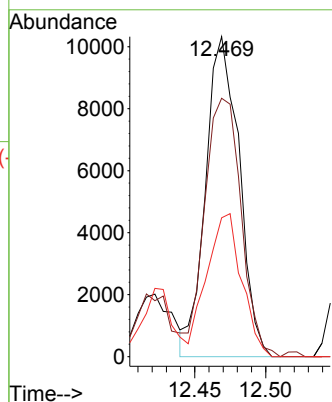
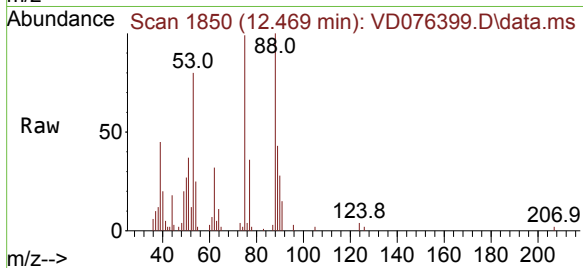




#81
trans-1,4-Dichloro-2-butene
Concen: 19.454 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

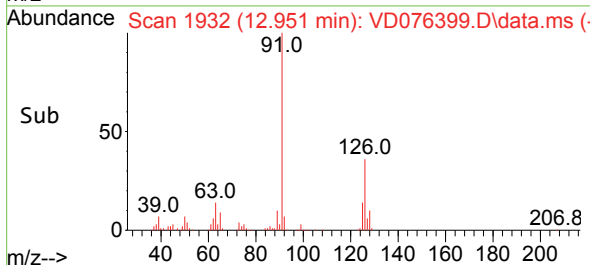
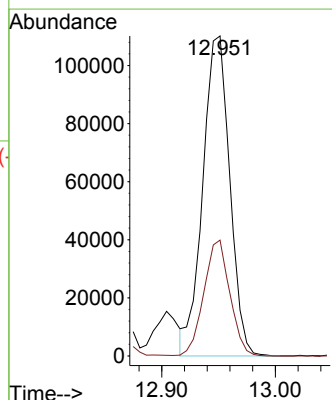
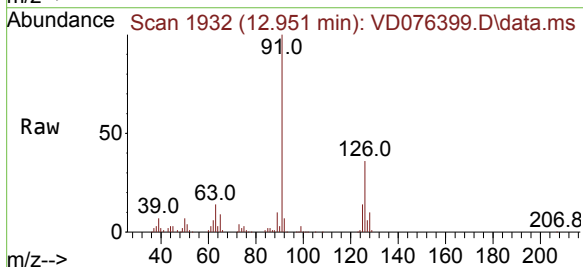
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

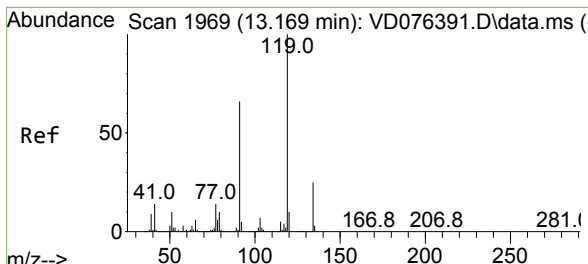
Tgt Ion:	75	Resp:	16915
Ion	Ratio	Lower	Upper
75	100		
53	86.7	63.0	94.4
89	46.6	37.9	56.9



#82
4-Chlorotoluene
Concen: 19.990 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion:	91	Resp:	181837
Ion	Ratio	Lower	Upper
91	100		
126	34.9	19.4	58.4



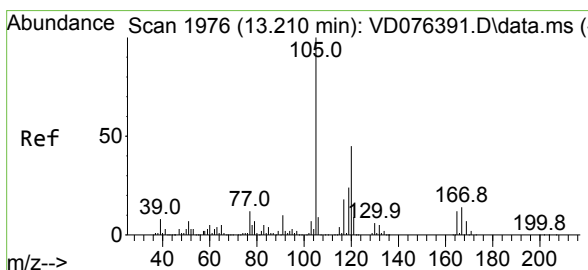
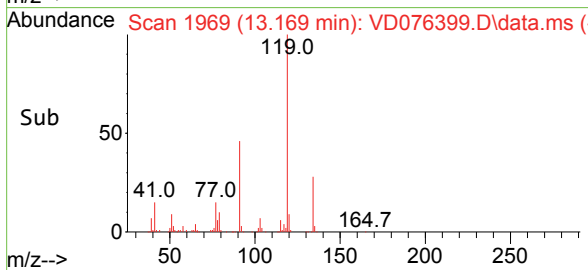
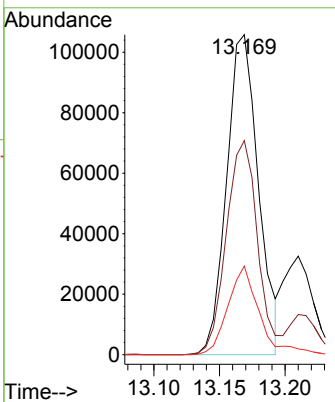
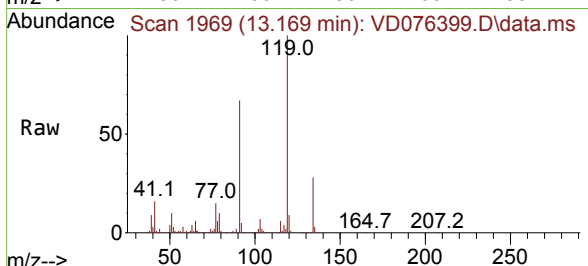


#83
 tert-Butylbenzene
 Concen: 19.810 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD076399.D
 Acq: 13 Jun 2023 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBS01

Tgt Ion:119 Resp: 178695

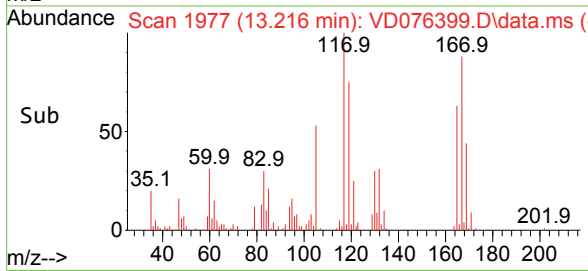
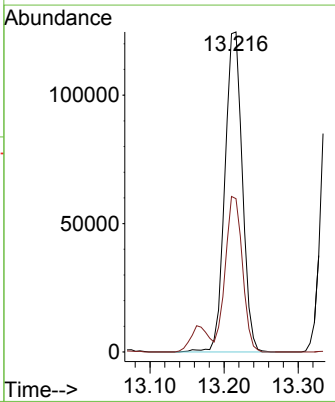
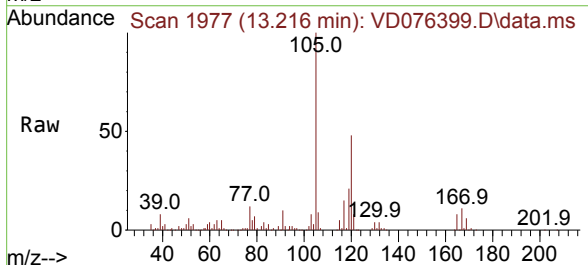
Ion	Ratio	Lower	Upper
119	100		
91	66.4	29.3	87.8
134	27.3	14.1	42.3

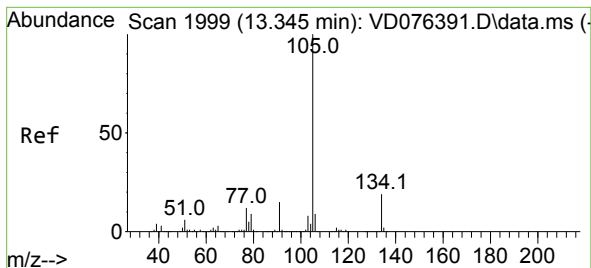


#84
 1,2,4-Trimethylbenzene
 Concen: 19.564 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VD076399.D
 Acq: 13 Jun 2023 12:19

Tgt Ion:105 Resp: 203173

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.3	72.9





#85

sec-Butylbenzene

Concen: 20.290 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

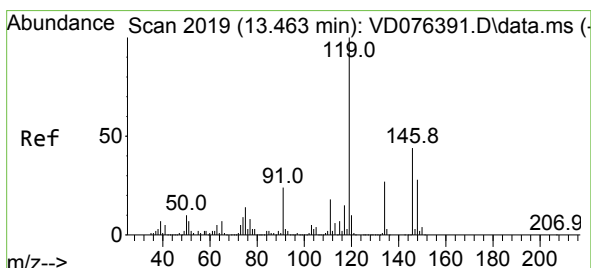
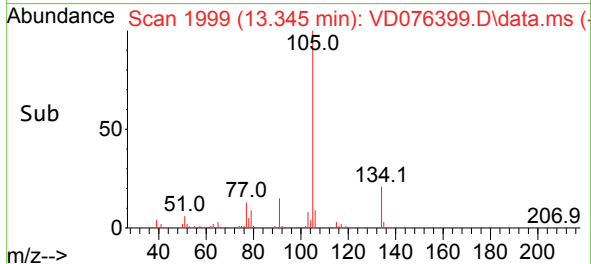
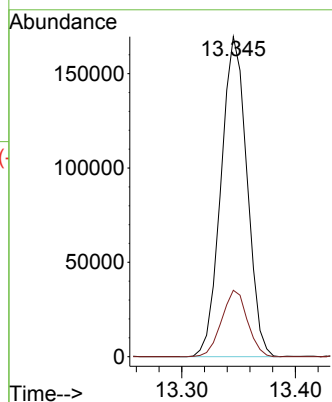
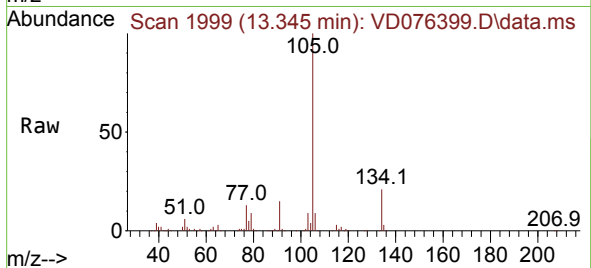
VD0613SBS01

Tgt Ion:105 Resp: 269381

Ion Ratio Lower Upper

105 100

134 20.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 20.442 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

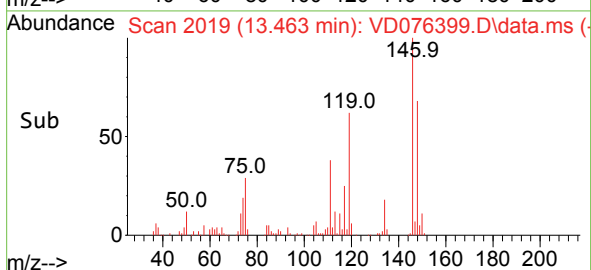
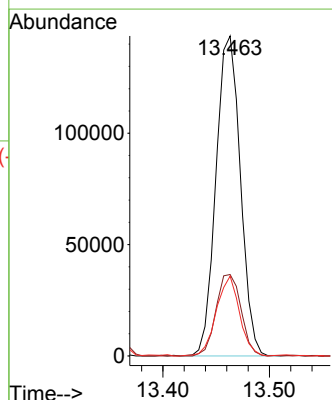
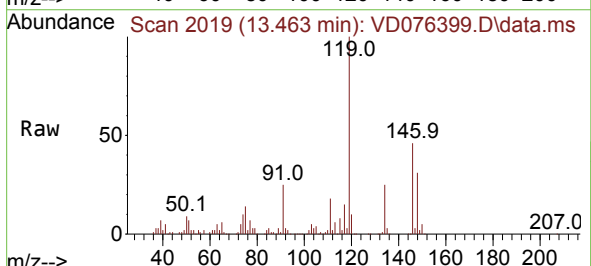
Tgt Ion:119 Resp: 228528

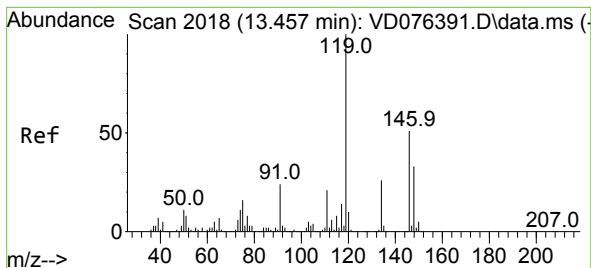
Ion Ratio Lower Upper

119 100

134 26.1 14.2 42.6

91 23.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.376 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBS01

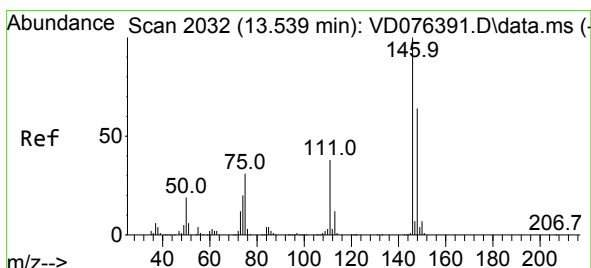
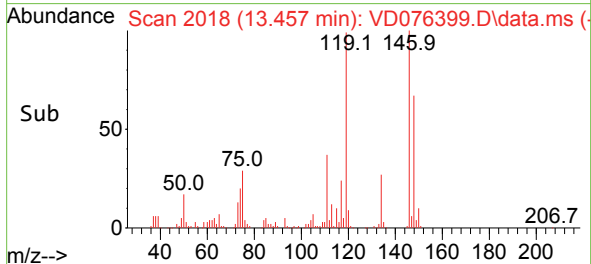
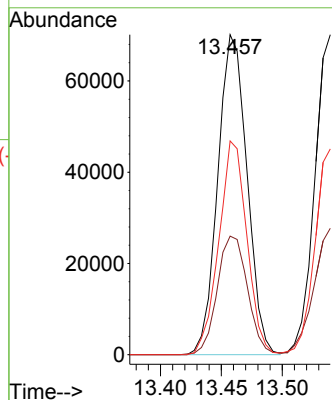
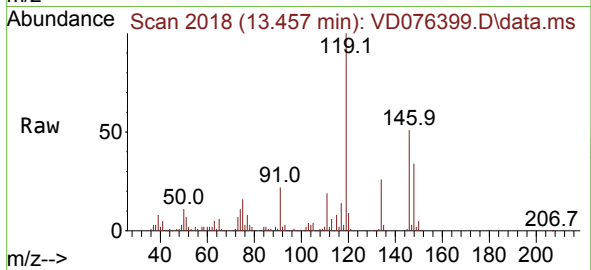
Tgt Ion:146 Resp: 117169

Ion Ratio Lower Upper

146 100

111 38.5 17.9 53.8

148 64.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 20.541 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

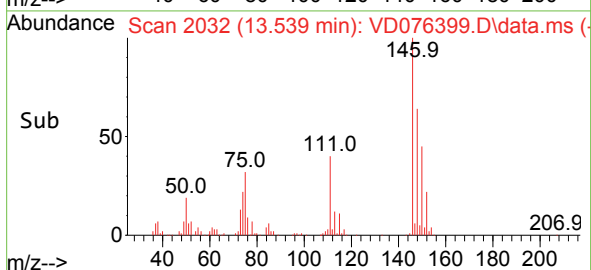
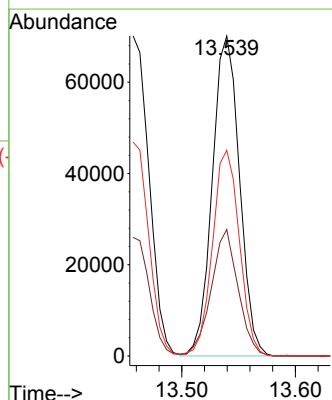
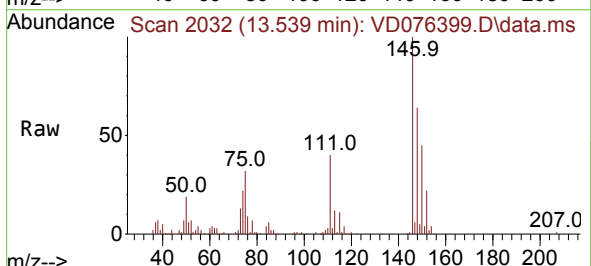
Tgt Ion:146 Resp: 116730

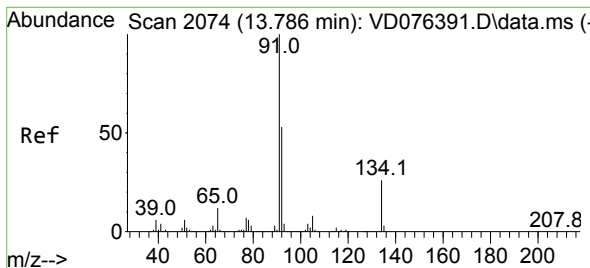
Ion Ratio Lower Upper

146 100

111 39.0 17.4 52.3

148 63.6 31.7 95.1





#89

n-Butylbenzene

Concen: 20.289 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBS01

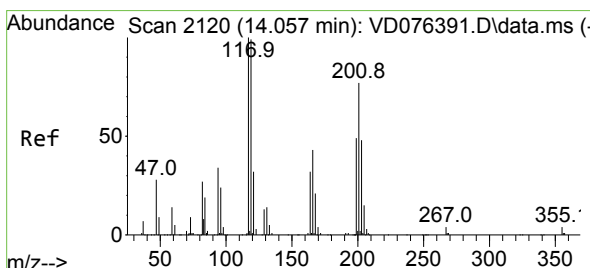
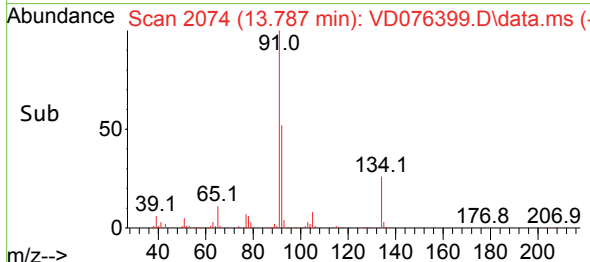
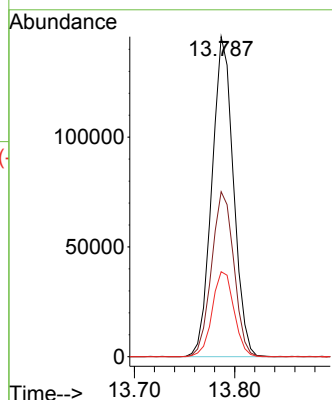
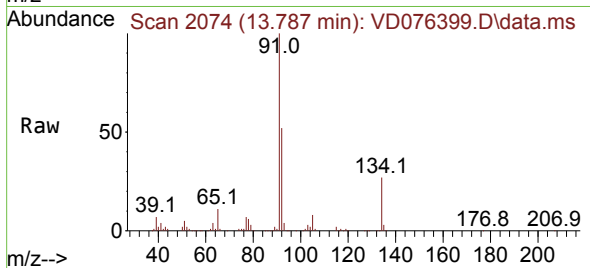
Tgt Ion: 91 Resp: 217918

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 26.8 13.8 41.3



#90

Hexachloroethane

Concen: 19.882 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD076399.D

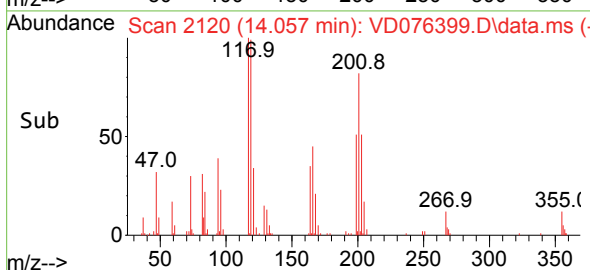
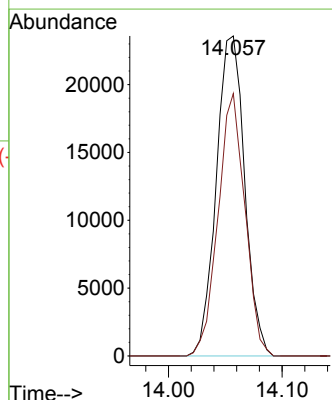
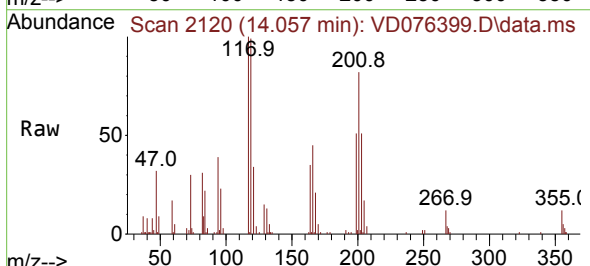
Acq: 13 Jun 2023 12:19

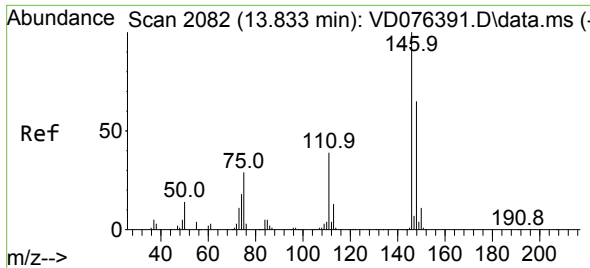
Tgt Ion: 117 Resp: 41016

Ion Ratio Lower Upper

117 100

201 77.5 38.5 115.5

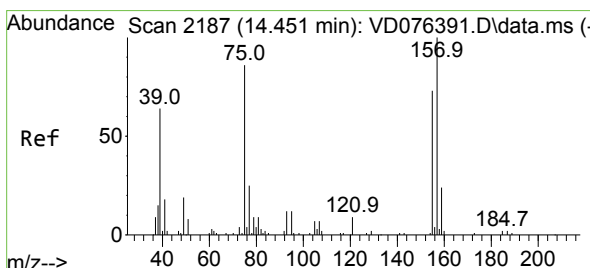
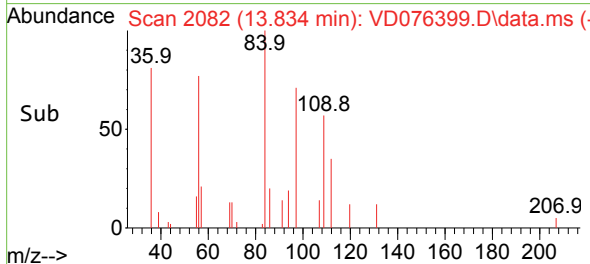
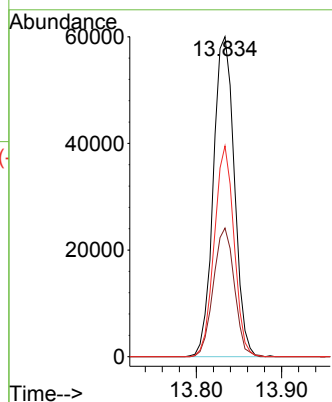
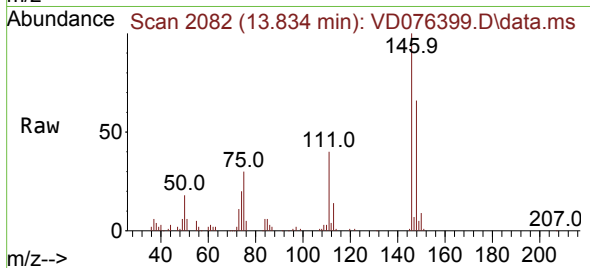




#91
1,2-Dichlorobenzene
Concen: 20.316 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

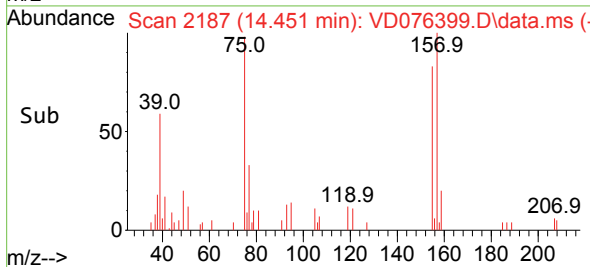
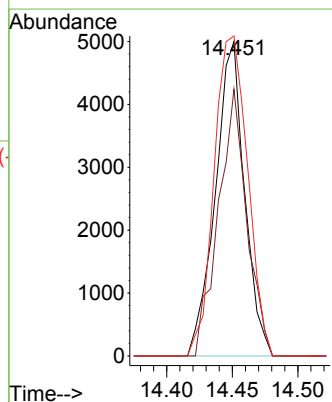
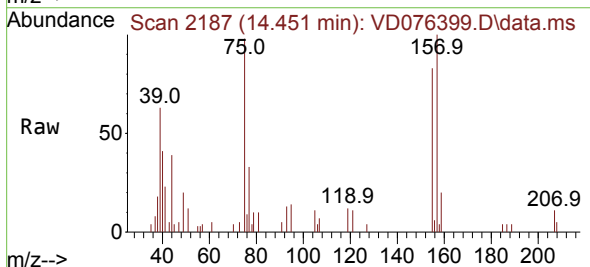
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

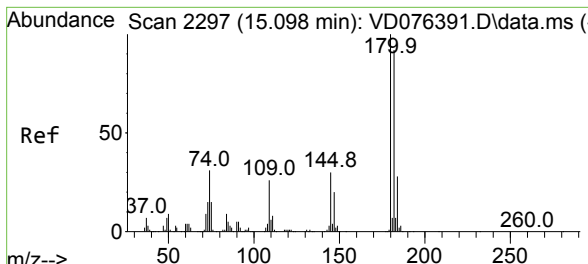
Tgt Ion:146 Resp: 102744
Ion Ratio Lower Upper
146 100
111 40.2 18.3 54.8
148 62.0 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.959 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD076399.D
Acq: 13 Jun 2023 12:19

Tgt Ion: 75 Resp: 7745
Ion Ratio Lower Upper
75 100
155 82.3 47.9 143.8
157 116.7 59.9 179.7

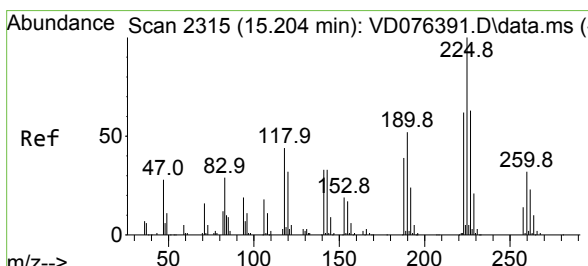
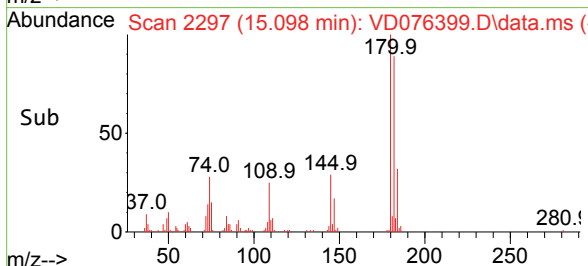
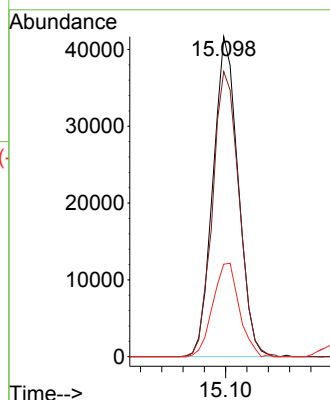
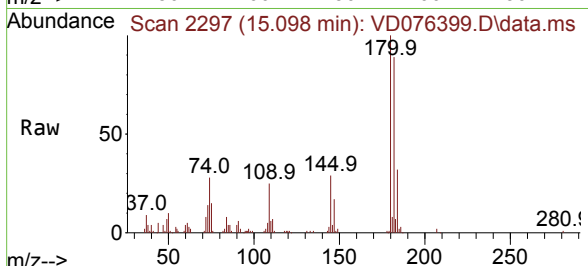




#93
 1,2,4-Trichlorobenzene
 Concen: 20.190 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076399.D
 Acq: 13 Jun 2023 12:19

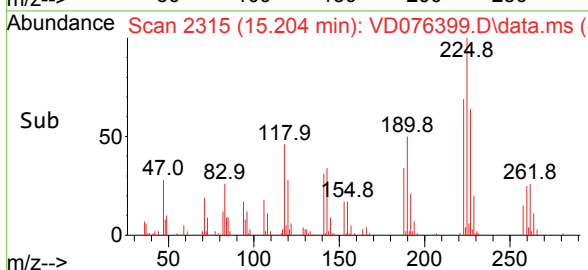
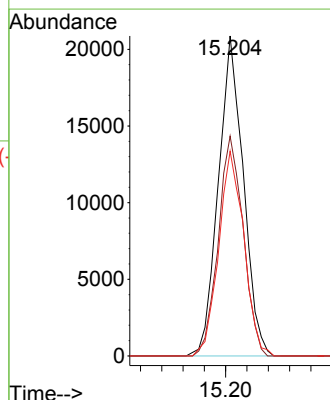
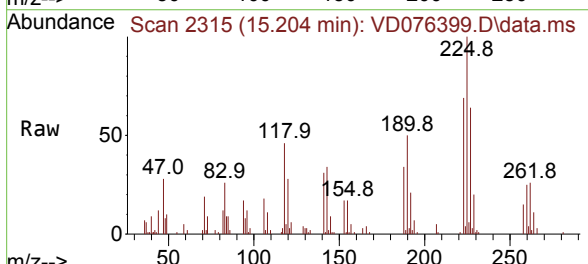
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBS01

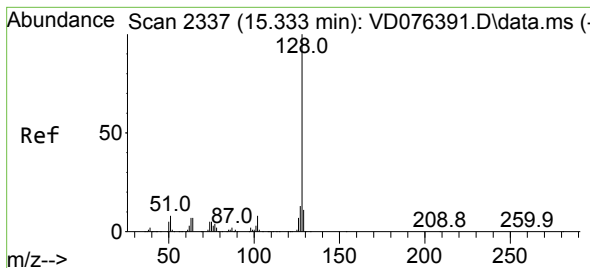
Tgt Ion:	180	Resp:	68336
Ion Ratio	Lower	Upper	
180	100		
182	93.9	48.5	145.6
145	30.6	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 19.906 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD076399.D
 Acq: 13 Jun 2023 12:19

Tgt Ion:	225	Resp:	33896
Ion Ratio	Lower	Upper	
225	100		
223	68.5	31.6	94.8
227	64.6	31.7	95.1





#95

Naphthalene

Concen: 19.679 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBS01

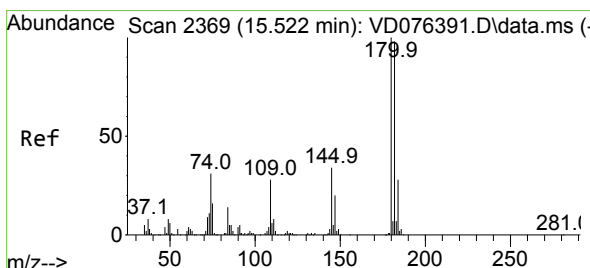
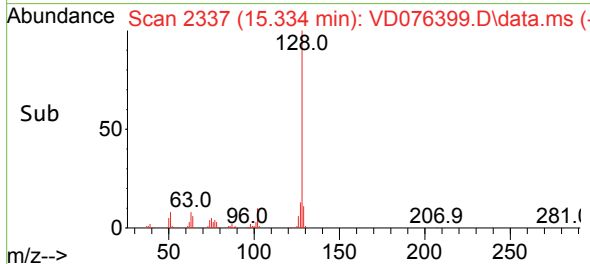
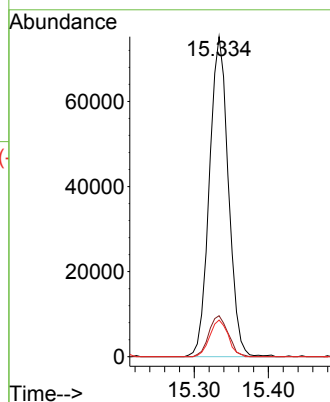
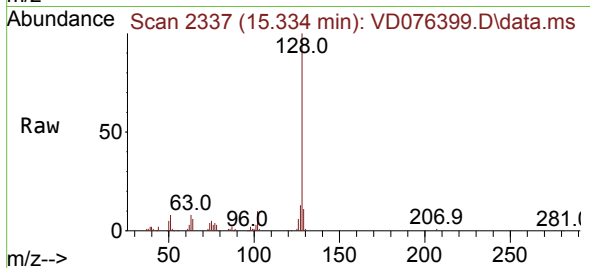
Tgt Ion:128 Resp: 133753

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 11.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.060 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD076399.D

Acq: 13 Jun 2023 12:19

Tgt Ion:180 Resp: 58641

Ion Ratio Lower Upper

180 100

182 96.5 47.3 141.9

145 30.7 15.1 45.3

