

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076466.D
 Acq On : 19 Jun 2023 13:11
 Operator : KP/SY
 Sample : VD0619SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Quant Time: Jun 20 05:23:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	157011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	272253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115925	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	69354	44.087	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.180%
35) Dibromofluoromethane	7.799	113	73153	45.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.460%
50) Toluene-d8	10.269	98	276249	45.037	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.080%
62) 4-Bromofluorobenzene	12.575	95	90164	45.293	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	25571	21.433	ug/l	99
3) Chloromethane	2.146	50	49348	19.888	ug/l	100
4) Vinyl Chloride	2.275	62	55830	20.171	ug/l	97
5) Bromomethane	2.675	94	34089	18.941	ug/l	95
6) Chloroethane	2.822	64	36522	19.252	ug/l	97
7) Trichlorofluoromethane	3.169	101	47603	20.898	ug/l	98
8) Diethyl Ether	3.593	74	16424	19.159	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.958	101	30585	20.849	ug/l	99
10) Methyl Iodide	4.152	142	31795	18.282	ug/l	95
11) Tert butyl alcohol	5.069	59	14191	104.482	ug/l	98
12) 1,1-Dichloroethene	3.928	96	28444	19.798	ug/l #	81
13) Acrolein	3.787	56	16428	112.293	ug/l	97
14) Allyl chloride	4.558	41	51088	19.444	ug/l #	86
15) Acrylonitrile	5.252	53	44227	100.330	ug/l	97
16) Acetone	4.016	43	31296	83.603	ug/l	99
17) Carbon Disulfide	4.264	76	74077	18.871	ug/l	99
18) Methyl Acetate	4.552	43	35563	20.614	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	76960	19.583	ug/l #	88
20) Methylene Chloride	4.799	84	37813	12.139	ug/l #	86
21) trans-1,2-Dichloroethene	5.299	96	34091	20.530	ug/l	91
22) Diisopropyl ether	6.210	45	111457	19.618	ug/l #	92
23) Vinyl Acetate	6.152	43	278127	98.763	ug/l #	86
24) 1,1-Dichloroethane	6.105	63	63063	19.878	ug/l	99
25) 2-Butanone	7.081	43	55061	95.098	ug/l #	78
26) 2,2-Dichloropropane	7.069	77	53178	19.442	ug/l	93
27) cis-1,2-Dichloroethene	7.069	96	39570	19.690	ug/l	86
28) Bromochloromethane	7.428	49	21310	22.182	ug/l #	68
29) Tetrahydrofuran	7.446	42	38525	103.537	ug/l #	75
30) Chloroform	7.593	83	61637	19.621	ug/l	99
31) Cyclohexane	7.869	56	52251	20.630	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	52313	20.601	ug/l	96
36) 1,1-Dichloropropene	8.005	75	46091	20.350	ug/l	94
37) Ethyl Acetate	7.163	43	24216	18.451	ug/l #	92
38) Carbon Tetrachloride	7.987	117	40525	20.019	ug/l	97
39) Methylcyclohexane	9.269	83	53096	19.976	ug/l	90
40) Benzene	8.252	78	135309	19.590	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	16144	21.783	ug/l #	77
42) 1,2-Dichloroethane	8.322	62	38158	20.446	ug/l	97
43) Isopropyl Acetate	8.357	43	50373	20.273	ug/l #	85
44) Trichloroethene	9.022	130	37931	20.358	ug/l	95
45) 1,2-Dichloropropane	9.304	63	38112	20.351	ug/l	97
46) Dibromomethane	9.393	93	19409	19.347	ug/l	97
47) Bromodichloromethane	9.581	83	47852	19.932	ug/l #	96
48) Methyl methacrylate	9.375	41	20861	18.318	ug/l #	75
49) 1,4-Dioxane	9.381	88	4929	410.072	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	133953	105.464	ug/l #	84
52) Toluene	10.334	92	86081	19.861	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	49260	20.221	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	55278	19.139	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	27808	19.817	ug/l	97
56) Ethyl methacrylate	10.593	69	37015	20.202	ug/l #	66
57) 1,3-Dichloropropane	10.875	76	47526	19.781	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	79059	101.774	ug/l	90
59) 2-Hexanone	10.922	43	90321	102.230	ug/l	83
60) Dibromochloromethane	11.069	129	32640	19.987	ug/l	93
61) 1,2-Dibromoethane	11.175	107	25973	19.717	ug/l	99
64) Tetrachloroethene	10.810	164	31539	21.601	ug/l	98
65) Chlorobenzene	11.604	112	93078	20.142	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	32450	19.635	ug/l	98
67) Ethyl Benzene	11.681	91	165717	20.238	ug/l	96
68) m/p-Xylenes	11.793	106	127106	39.766	ug/l	91
69) o-Xylene	12.122	106	60828	19.992	ug/l	93
70) Styrene	12.134	104	106935	20.345	ug/l	95
71) Bromoform	12.298	173	20108	20.264	ug/l #	96
73) Isopropylbenzene	12.422	105	160603	20.577	ug/l	96
74) N-amyl acetate	12.234	43	47062	20.597	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.669	83	36498	22.662	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	42268	36.738	ug/l #	100
77) Bromobenzene	12.698	156	38314	19.898	ug/l	87
78) n-propylbenzene	12.763	91	196677	20.408	ug/l	97
79) 2-Chlorotoluene	12.845	91	107472	20.308	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	129773	20.360	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	11518	21.937	ug/l	94
82) 4-Chlorotoluene	12.945	91	110690	20.140	ug/l	100
83) tert-Butylbenzene	13.163	119	115384	20.373	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	129188	20.113	ug/l	95
85) sec-Butylbenzene	13.345	105	170012	20.229	ug/l	99
86) p-Isopropyltoluene	13.463	119	141765	20.187	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	75475	19.955	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	75638	20.051	ug/l	96
89) n-Butylbenzene	13.787	91	141936	20.721	ug/l	96
90) Hexachloroethane	14.051	117	25780	19.893	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	67857	20.531	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5131	21.166	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	44045	19.996	ug/l	98
94) Hexachlorobutadiene	15.204	225	22854	21.341	ug/l	99
95) Naphthalene	15.328	128	92210	20.934	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	37802	19.698	ug/l	96

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QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

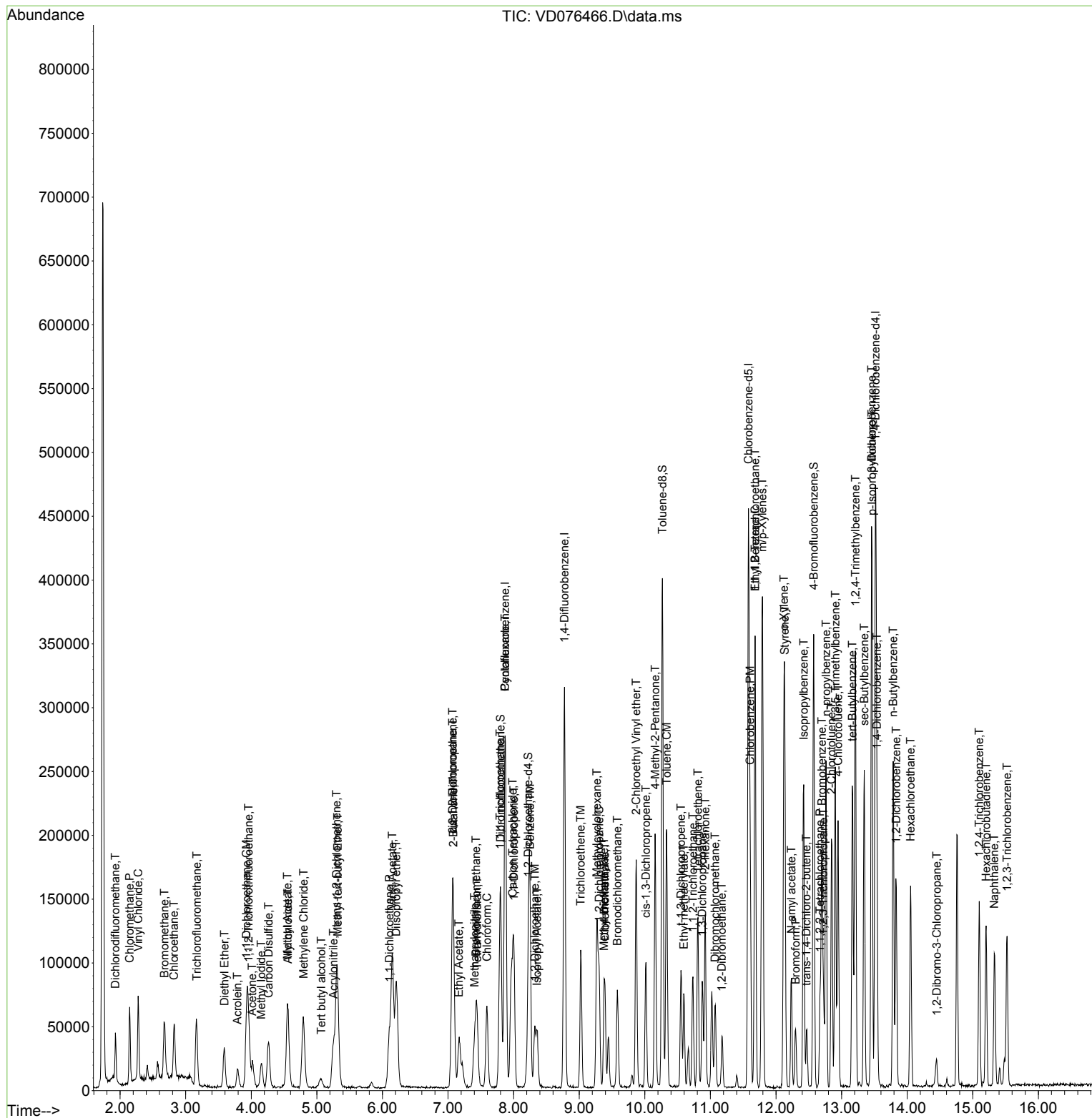
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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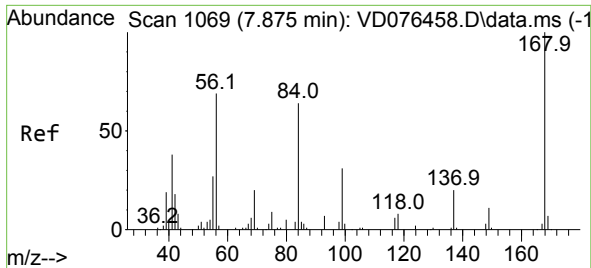
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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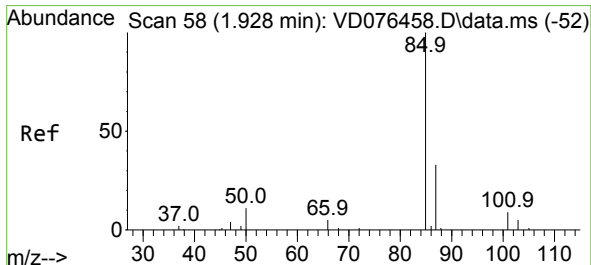
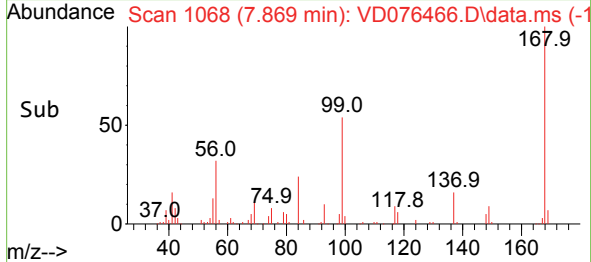
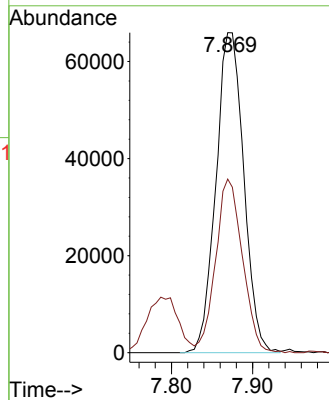
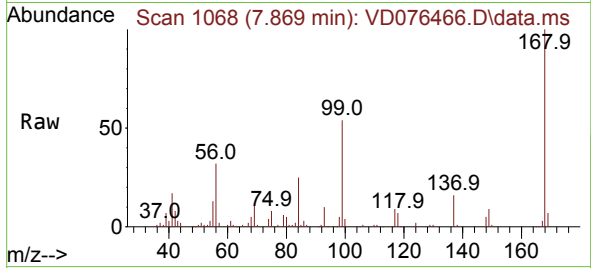




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

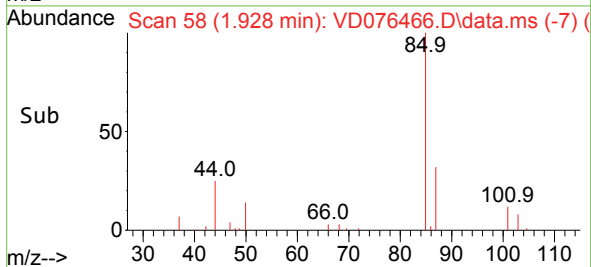
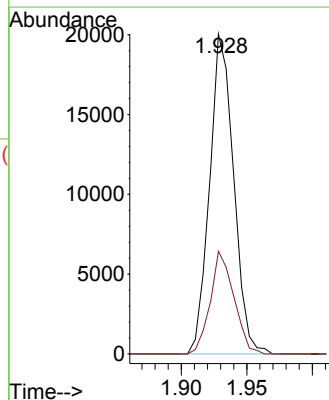
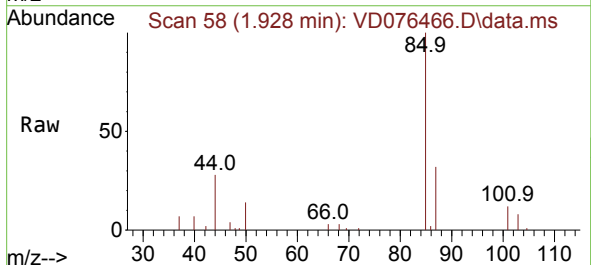
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

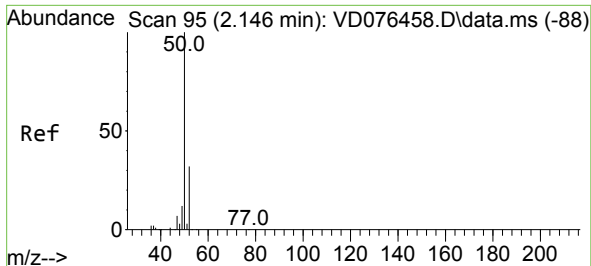
Tgt Ion:168 Resp: 157011
Ion Ratio Lower Upper
168 100
99 53.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 21.433 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 85 Resp: 25571
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0

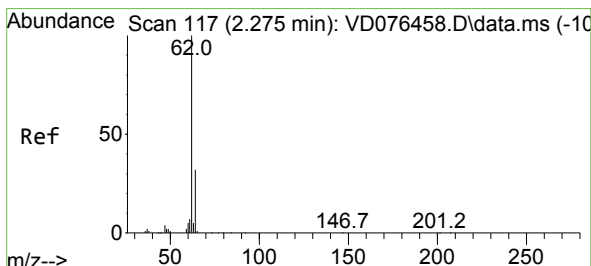
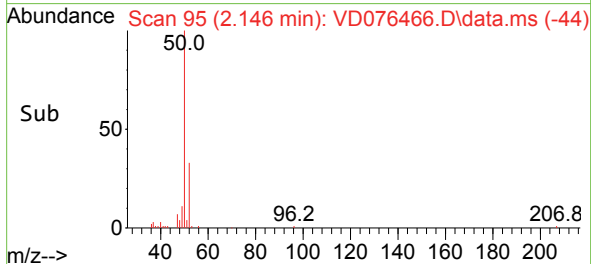
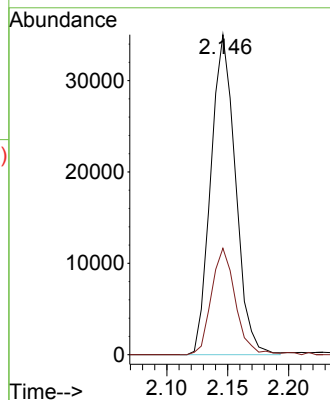
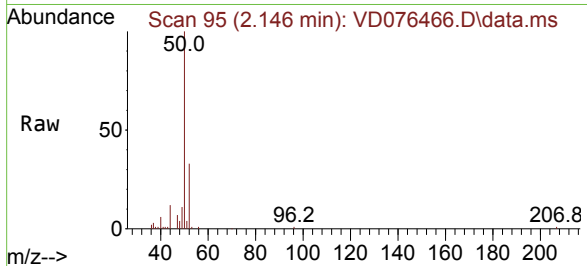




#3
Chloromethane
Concen: 19.888 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

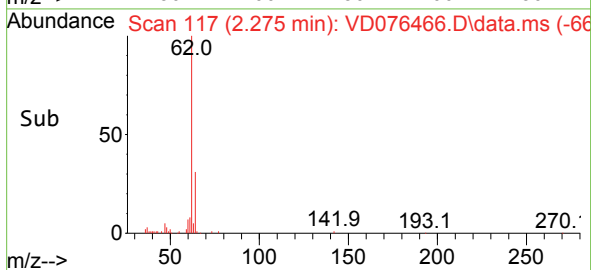
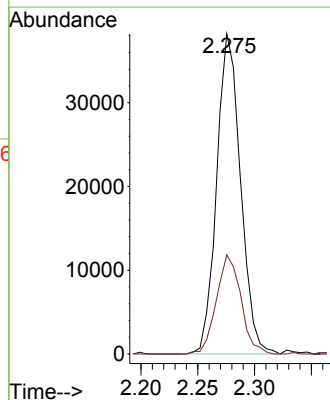
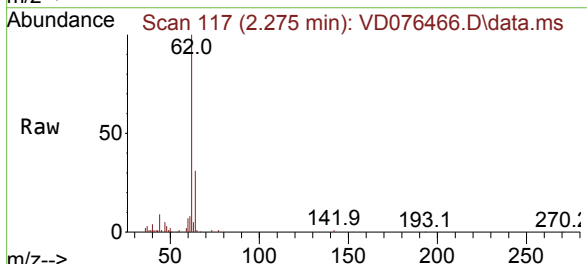
Instrument :
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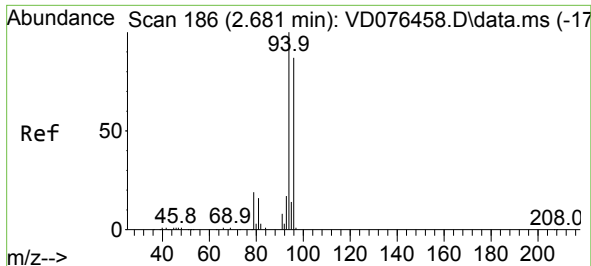
Tgt Ion: 50 Resp: 49348
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 20.171 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 62 Resp: 55830
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0

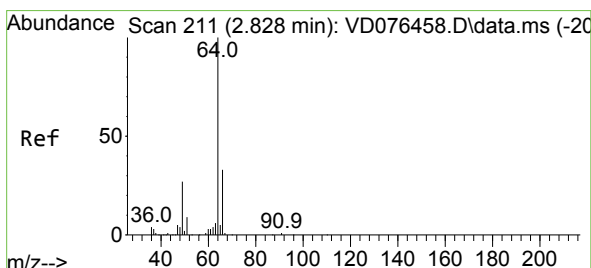
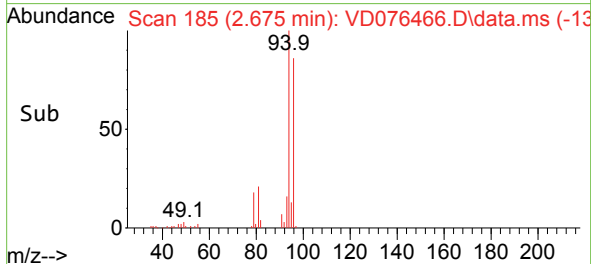
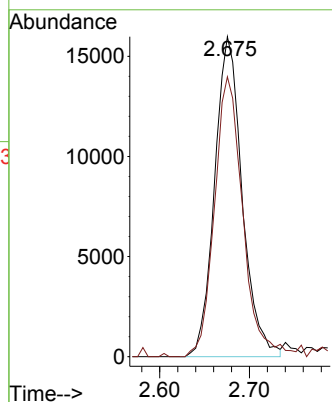
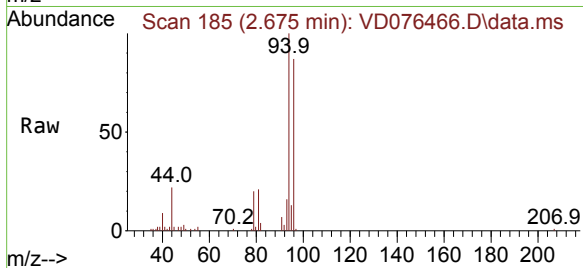




#5
Bromomethane
Concen: 18.941 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076466.D
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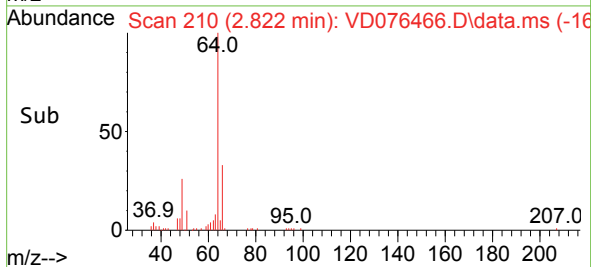
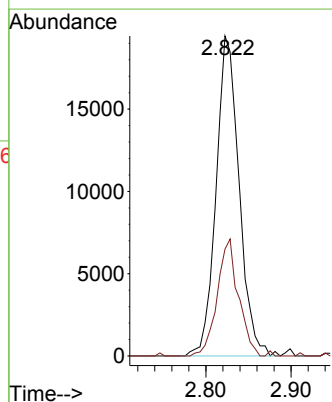
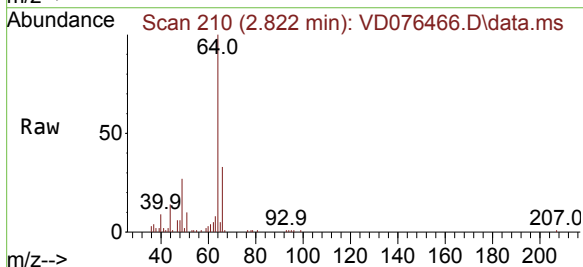
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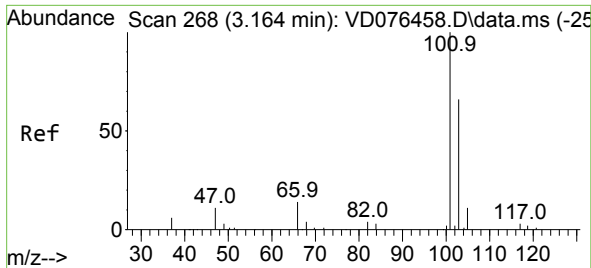
Tgt Ion: 94 Resp: 34089
Ion Ratio Lower Upper
94 100
96 89.9 75.8 113.8



#6
Chloroethane
Concen: 19.252 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 64 Resp: 36522
Ion Ratio Lower Upper
64 100
66 33.4 25.5 38.3

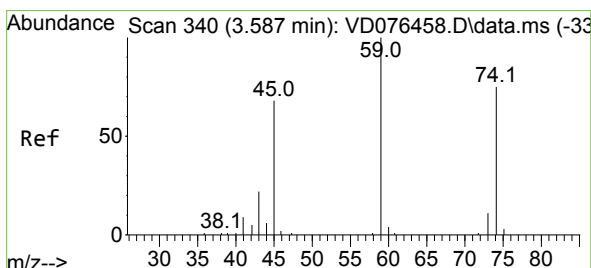
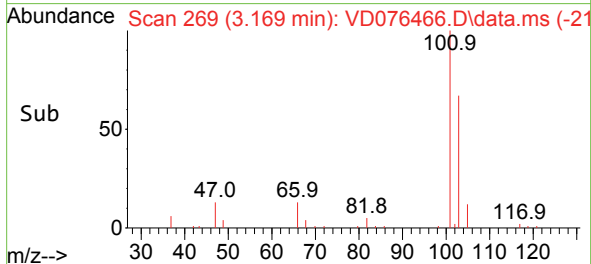
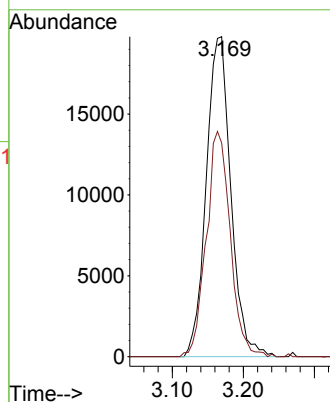
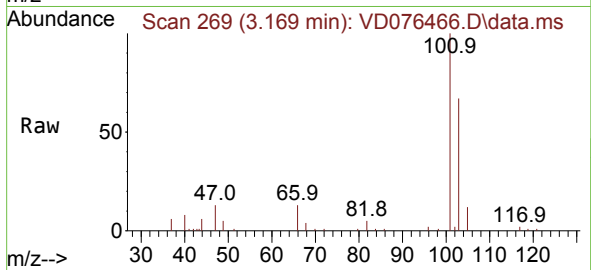




#7
Trichlorofluoromethane
Concen: 20.898 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

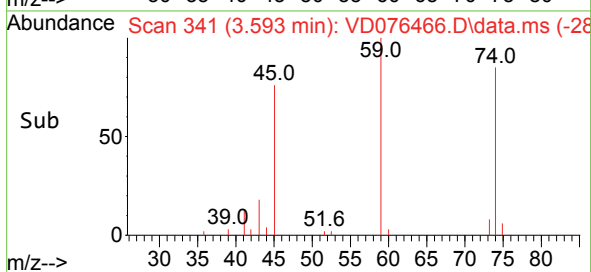
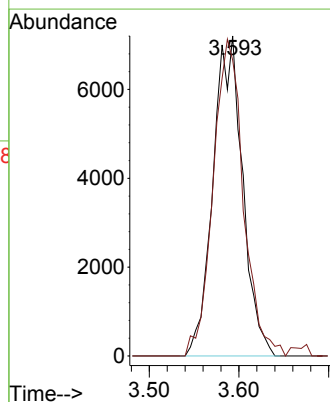
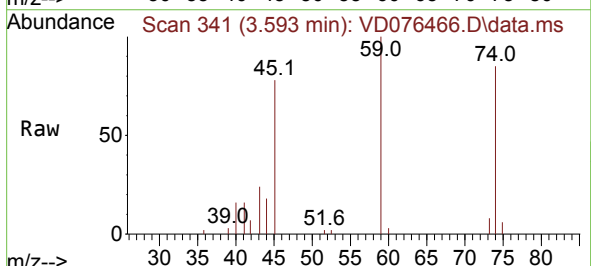
Instrument :
MSVOA_D
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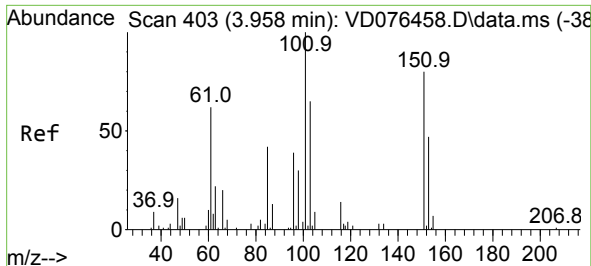
Tgt Ion:101 Resp: 47603
Ion Ratio Lower Upper
101 100
103 66.8 52.3 78.5



#8
Diethyl Ether
Concen: 19.159 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 74 Resp: 16424
Ion Ratio Lower Upper
74 100
45 101.5 37.5 112.7

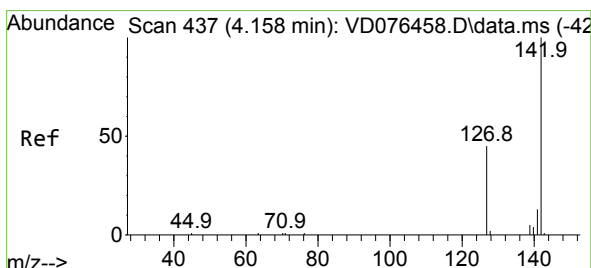
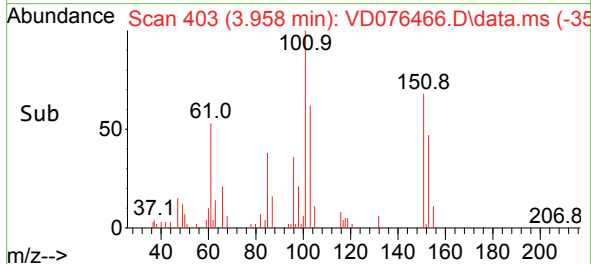
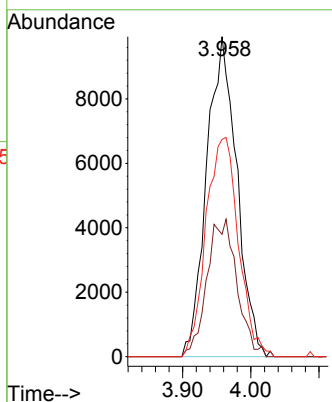
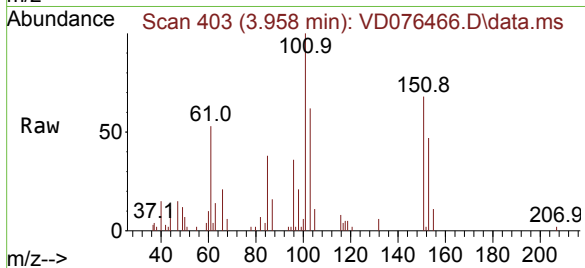




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.849 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

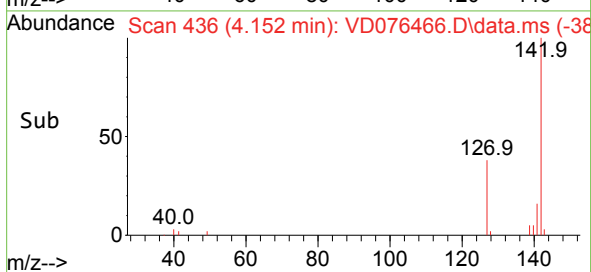
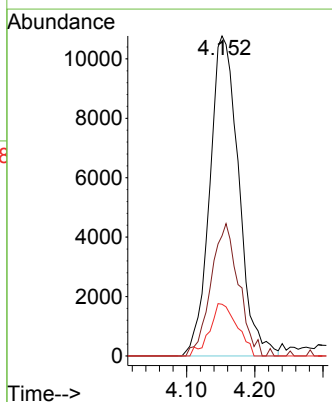
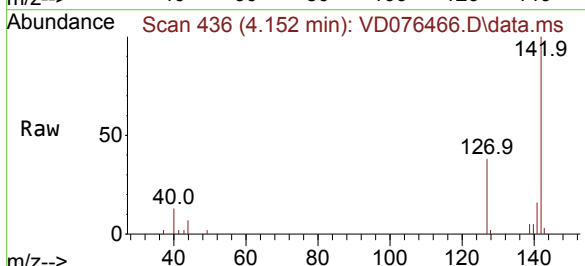
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

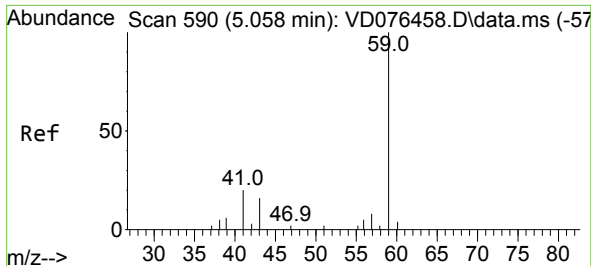
Tgt Ion:101	Resp:	30585
Ion Ratio	Lower	Upper
101	100	
85	42.7	33.8 50.6
151	73.6	59.8 89.6



#10
Methyl Iodide
Concen: 18.282 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion:142	Resp:	31795
Ion Ratio	Lower	Upper
142	100	
127	39.7	29.4 44.0
141	15.5	11.1 16.7

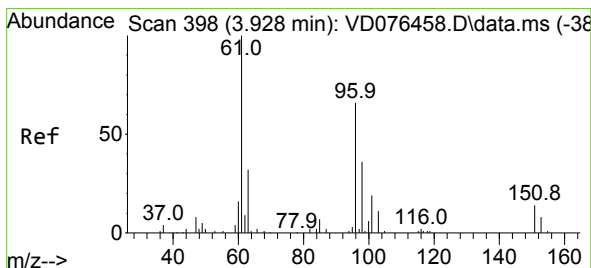
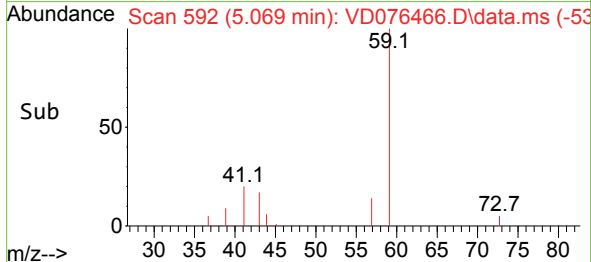
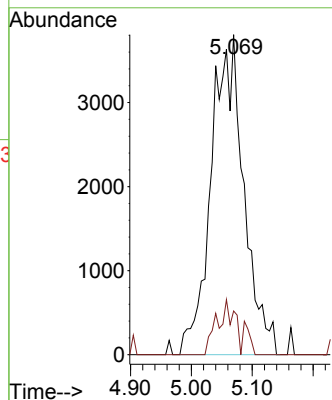
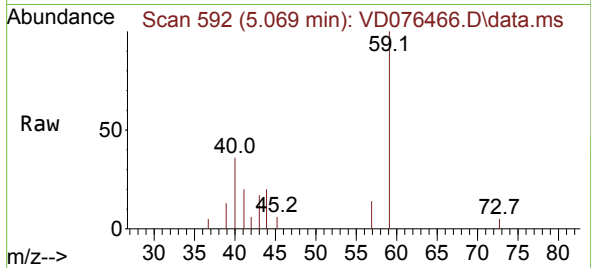




#11
Tert butyl alcohol
Concen: 104.482 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

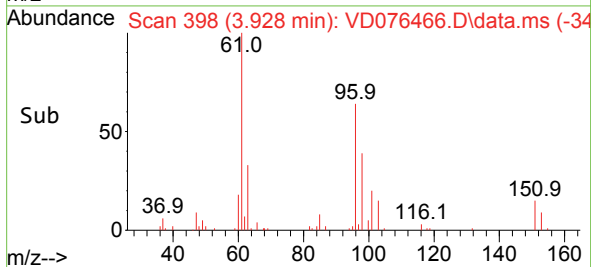
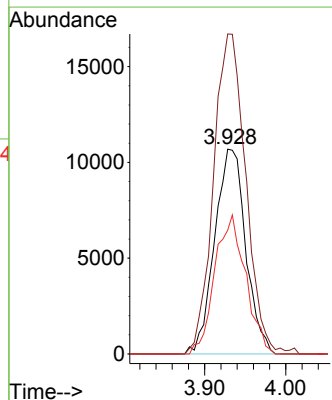
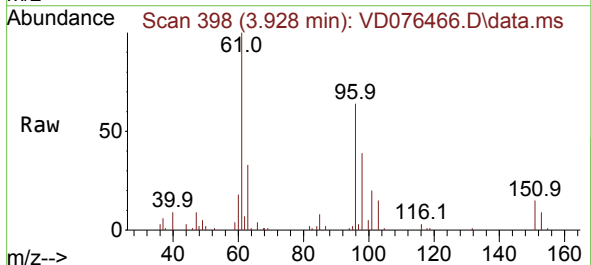
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

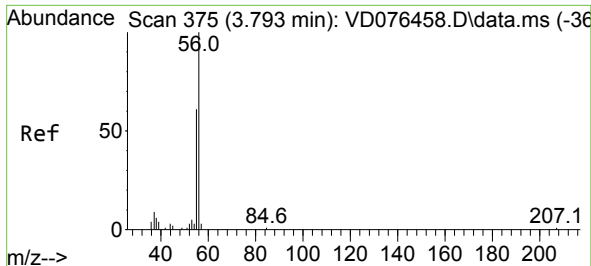
Tgt Ion: 59 Resp: 14191
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.798 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 96 Resp: 28444
Ion Ratio Lower Upper
96 100
61 156.2 100.6 150.8#
98 60.4 50.2 75.2

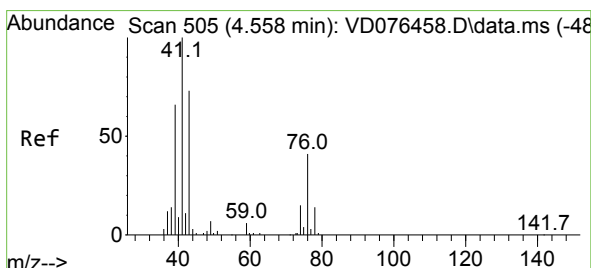
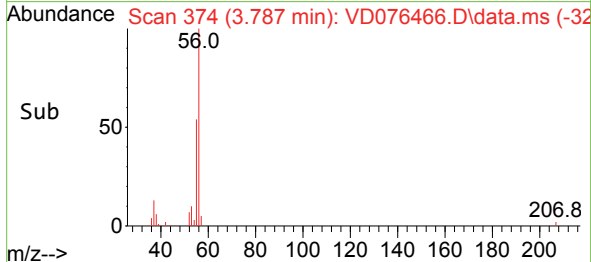
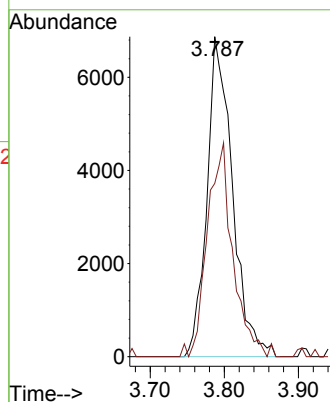
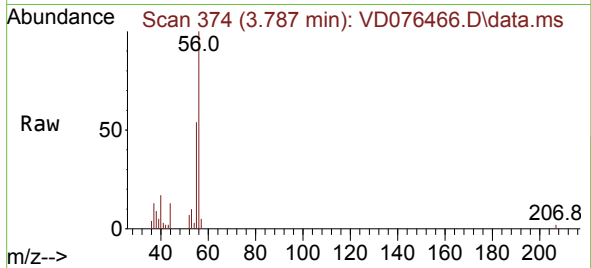




#13
Acrolein
Concen: 112.293 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

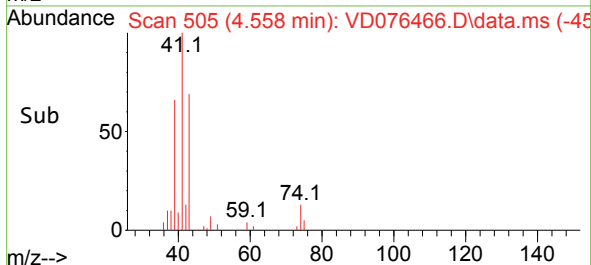
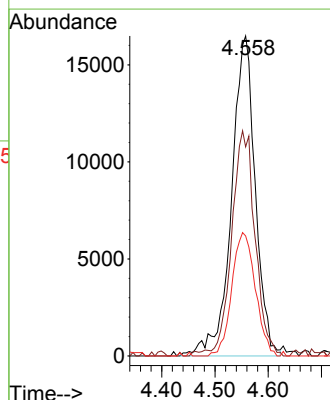
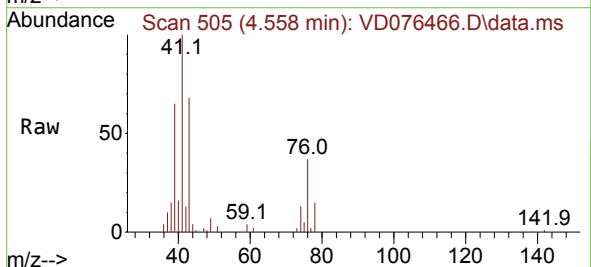
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

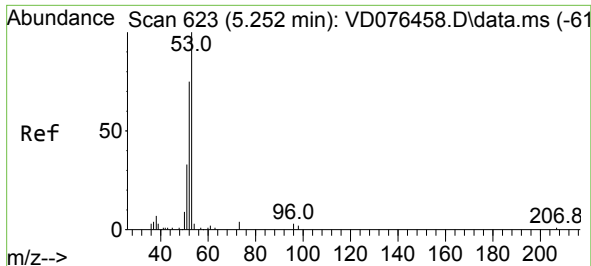
Tgt Ion: 56 Resp: 16428
Ion Ratio Lower Upper
56 100
55 66.5 55.1 82.7



#14
Allyl chloride
Concen: 19.444 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 41 Resp: 51088
Ion Ratio Lower Upper
41 100
39 69.9 53.8 80.6
76 38.2 45.8 68.8#

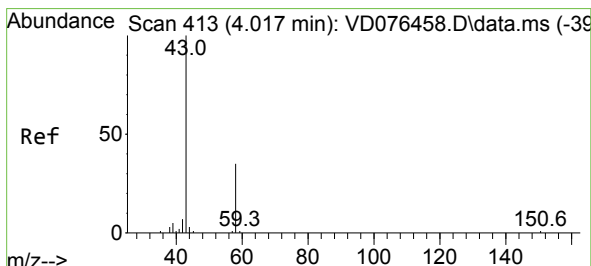
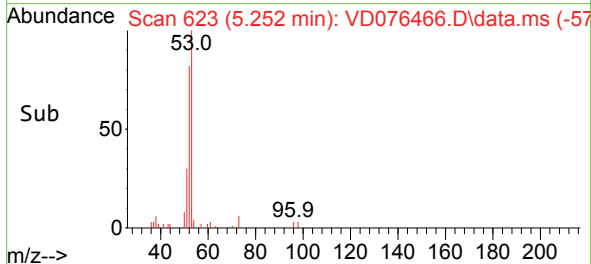
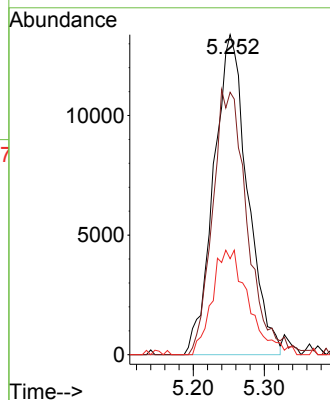
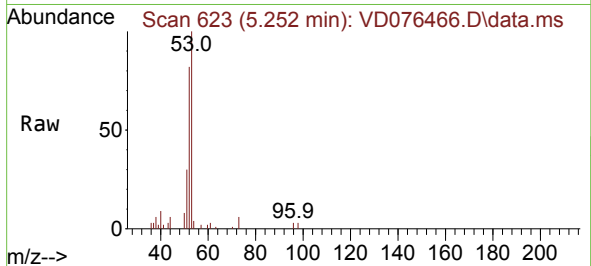




#15
Acrylonitrile
Concen: 100.330 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

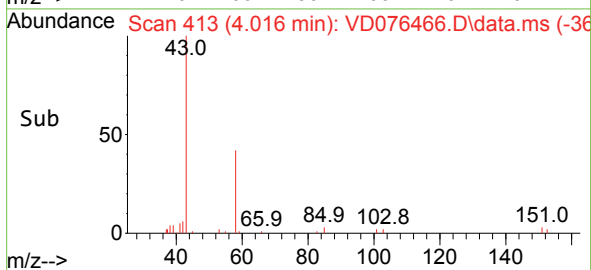
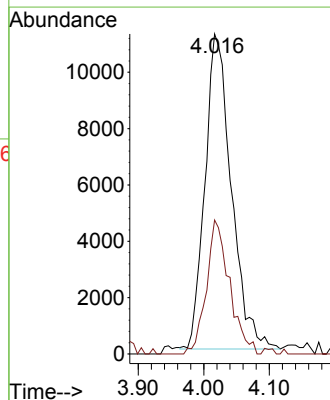
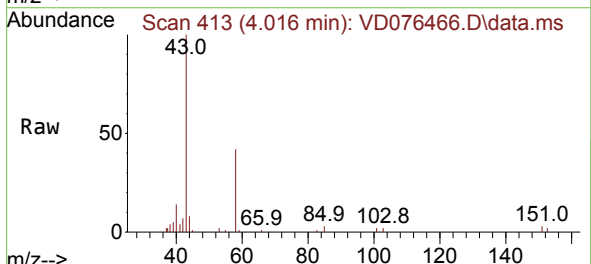
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

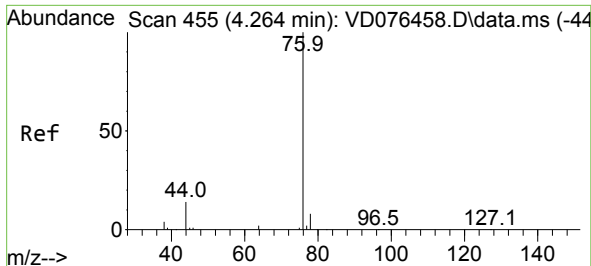
Tgt Ion:	53	Resp:	44227
Ion	Ratio	Lower	Upper
53	100		
52	85.2	65.0	97.4
51	35.4	28.3	42.5



#16
Acetone
Concen: 83.603 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion:	43	Resp:	31296
Ion	Ratio	Lower	Upper
43	100		
58	42.5	34.7	52.1

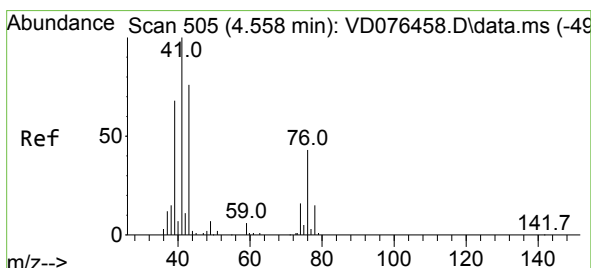
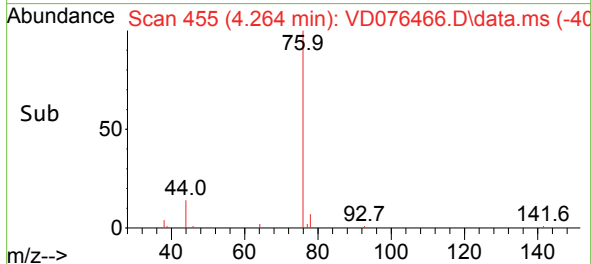
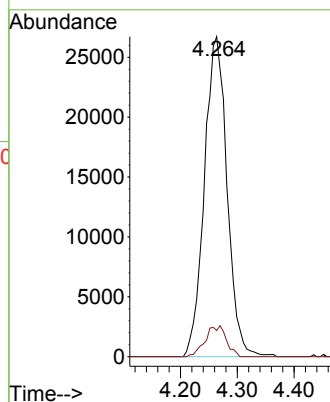
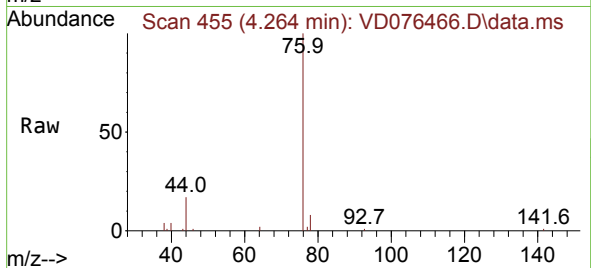




#17
Carbon Disulfide
Concen: 18.871 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

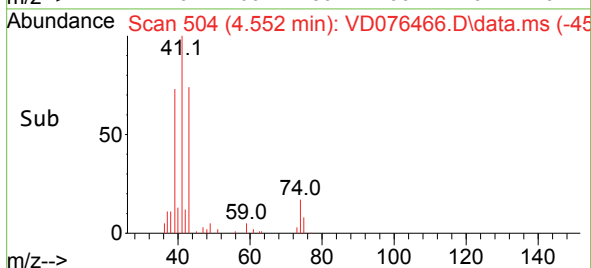
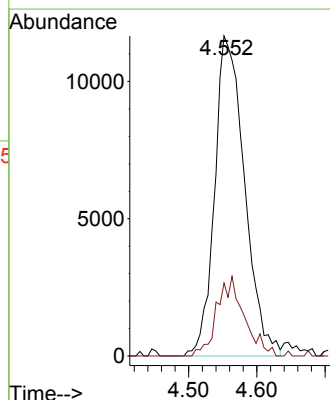
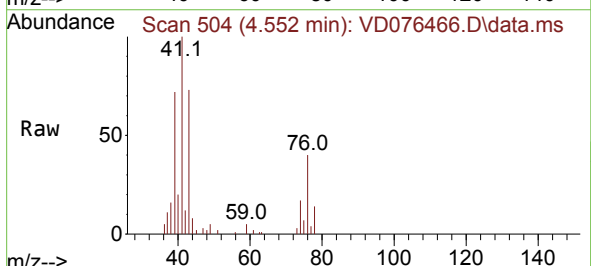
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

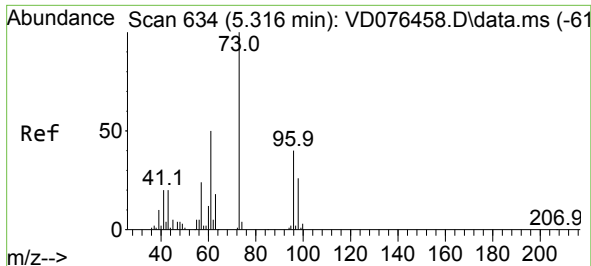
Tgt Ion: 76 Resp: 74077
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 20.614 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 43 Resp: 35563
Ion Ratio Lower Upper
43 100
74 22.6 26.4 39.6#

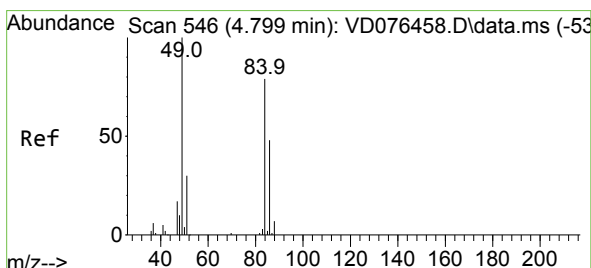
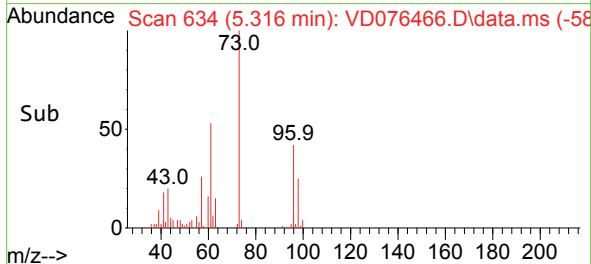
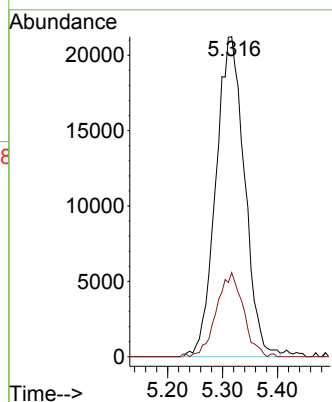
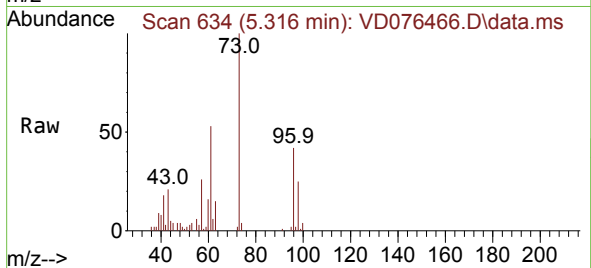




#19
Methyl tert-butyl Ether
Concen: 19.583 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

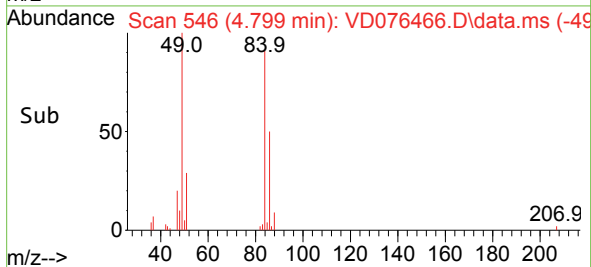
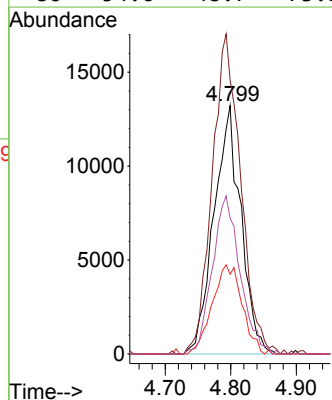
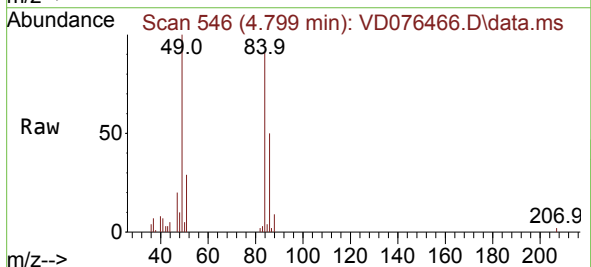
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

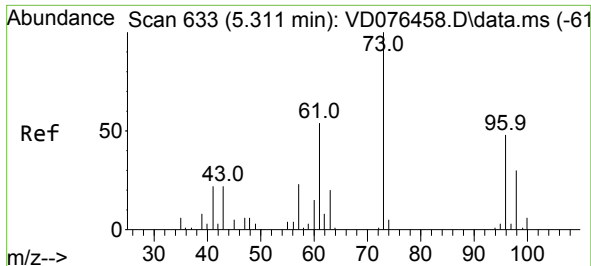
Tgt Ion: 73 Resp: 76960
Ion Ratio Lower Upper
73 100
57 26.3 16.6 25.0#



#20
Methylene Chloride
Concen: 12.139 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 84 Resp: 37813
Ion Ratio Lower Upper
84 100
49 110.2 71.4 107.2#
51 32.1 24.5 36.7
86 54.6 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 20.530 ug/l

RT: 5.299 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD076466.D

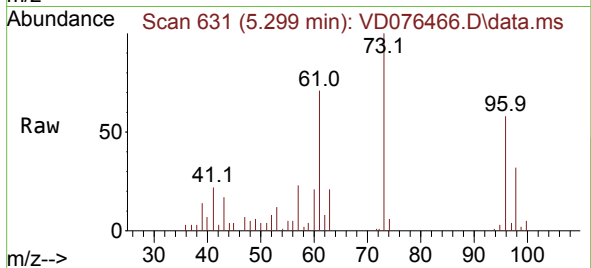
Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01



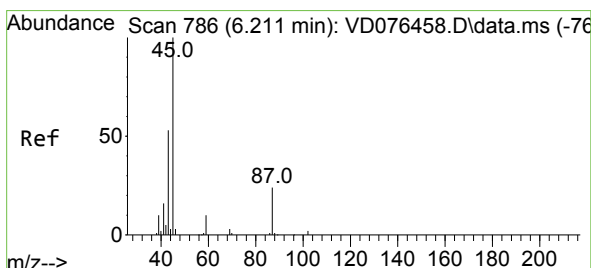
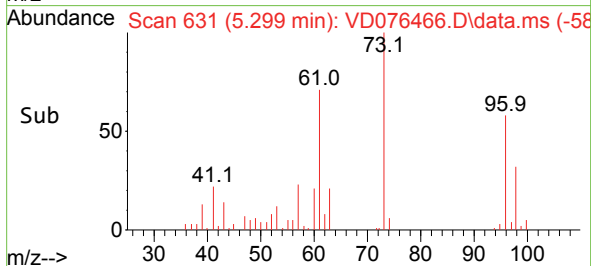
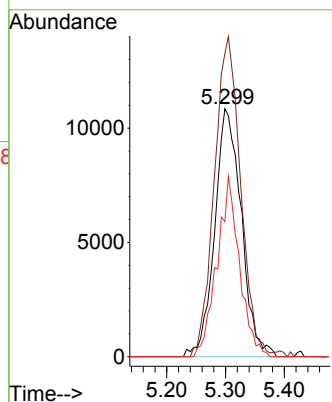
Tgt Ion: 96 Resp: 34091

Ion Ratio Lower Upper

96 100

61 122.3 89.3 133.9

98 54.6 48.6 73.0



#22

Diisopropyl ether

Concen: 19.618 ug/l

RT: 6.210 min Scan# 786

Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Tgt Ion: 45 Resp: 111457

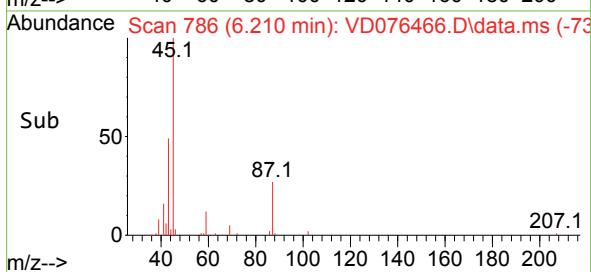
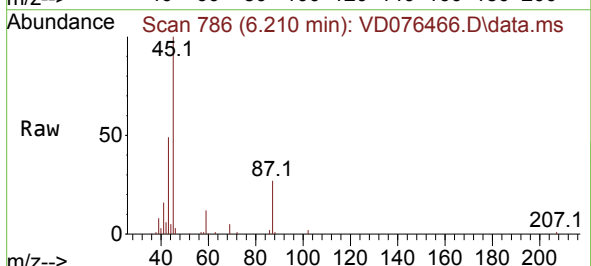
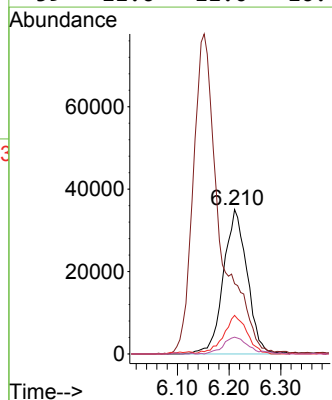
Ion Ratio Lower Upper

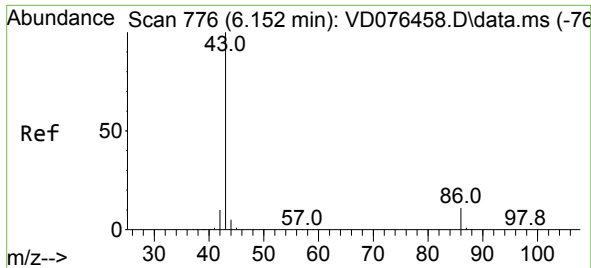
45 100

43 46.9 40.0 60.0

87 26.7 28.2 42.4#

59 11.6 11.0 16.4

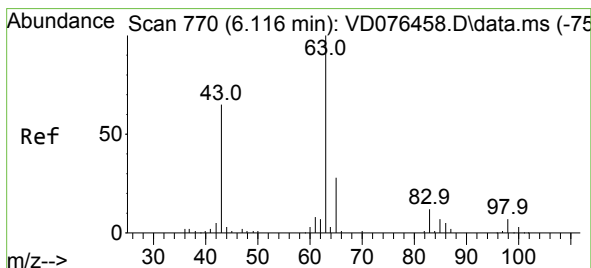
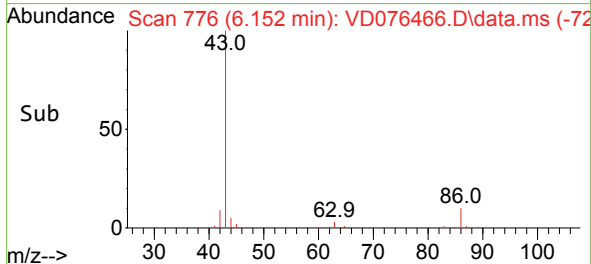
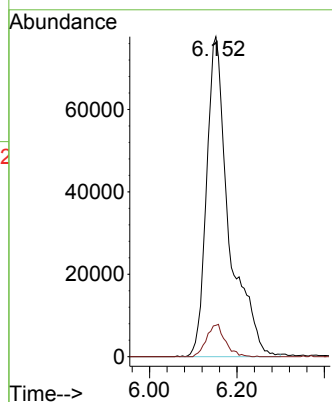
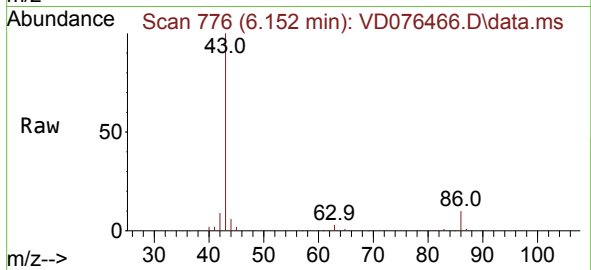




#23
 Vinyl Acetate
 Concen: 98.763 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076466.D
 Acq: 19 Jun 2023 13:11

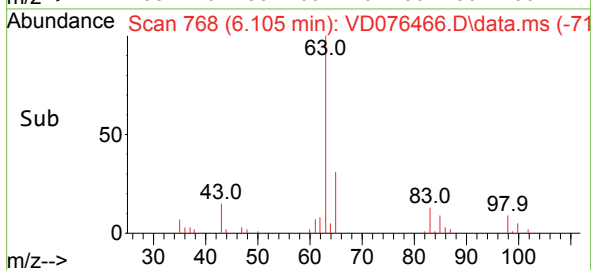
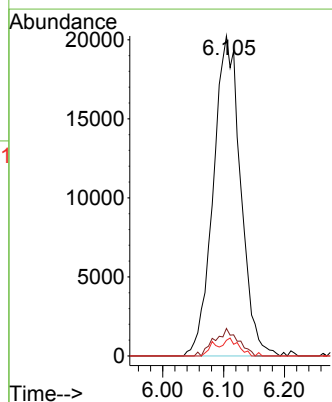
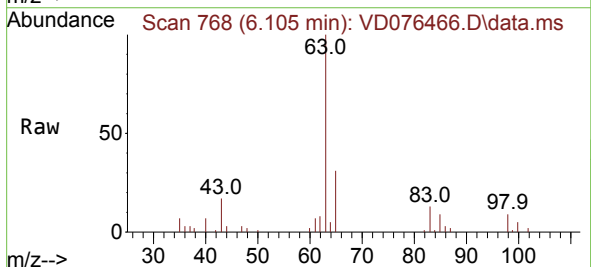
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

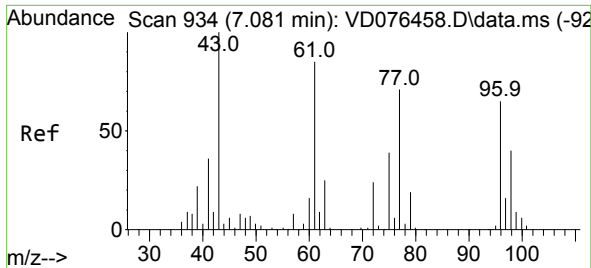
Tgt Ion: 43 Resp: 278127
 Ion Ratio Lower Upper
 43 100
 86 9.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.878 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD076466.D
 Acq: 19 Jun 2023 13:11

Tgt Ion: 63 Resp: 63063
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.5 13.7
 100 4.9 2.5 7.5

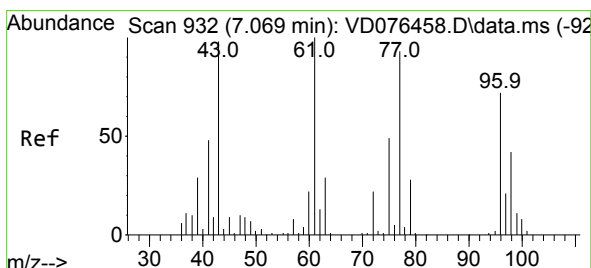
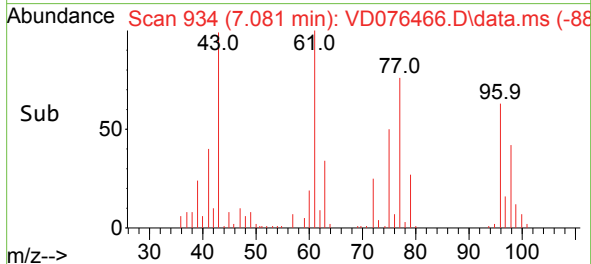
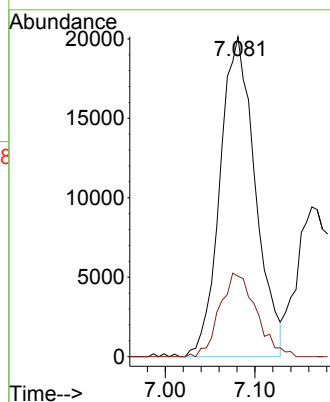
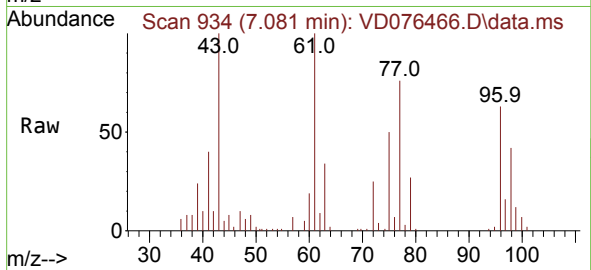




#25
2-Butanone
Concen: 95.098 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

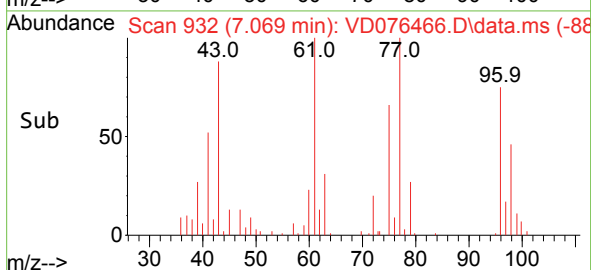
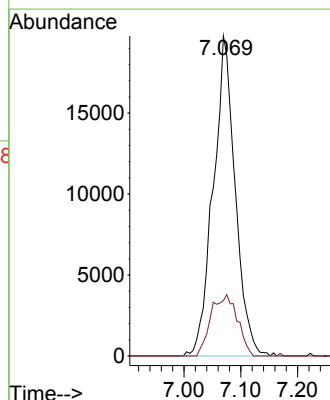
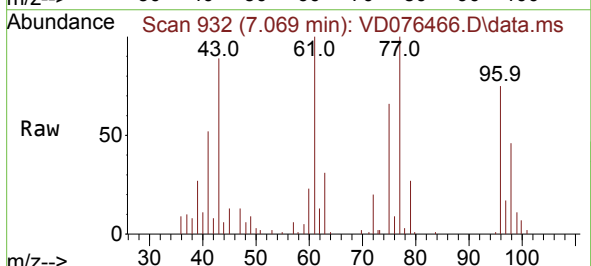
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

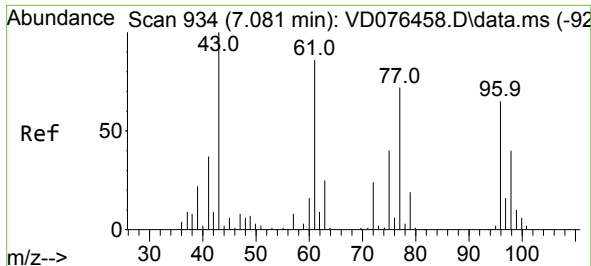
Tgt Ion: 43 Resp: 55061
Ion Ratio Lower Upper
43 100
72 25.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 19.442 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 77 Resp: 53178
Ion Ratio Lower Upper
77 100
97 23.0 13.2 39.6

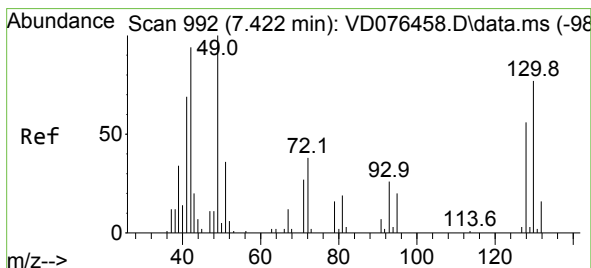
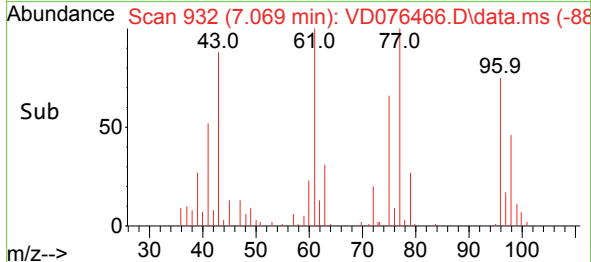
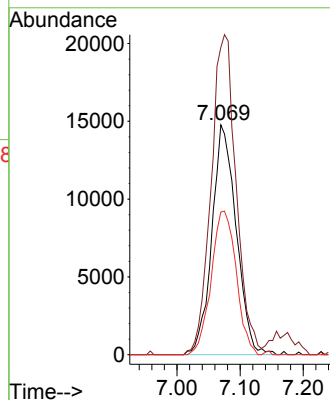
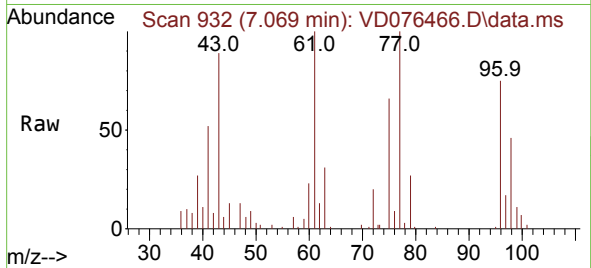




#27
 cis-1,2-Dichloroethene
 Concen: 19.690 ug/l
 RT: 7.069 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VD076466.D
 Acq: 19 Jun 2023 13:11

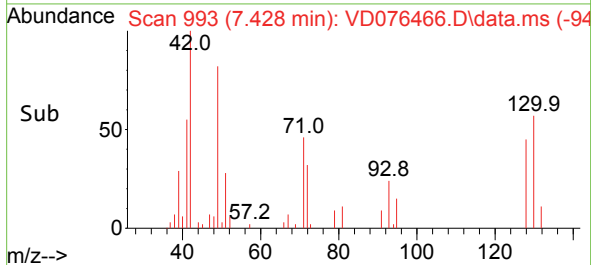
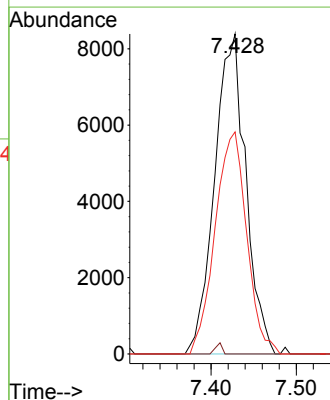
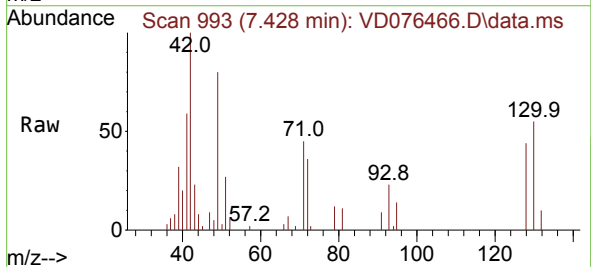
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

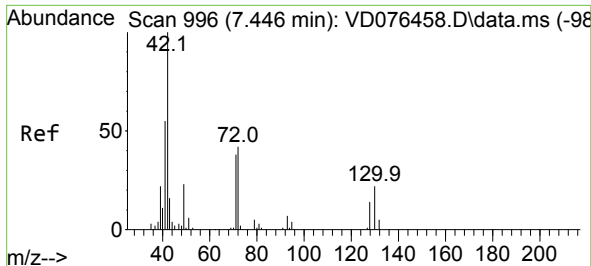
Tgt Ion: 96 Resp: 39570
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 239.2
 98 64.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 22.182 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD076466.D
 Acq: 19 Jun 2023 13:11

Tgt Ion: 49 Resp: 21310
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 6.0
 130 70.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 103.537 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

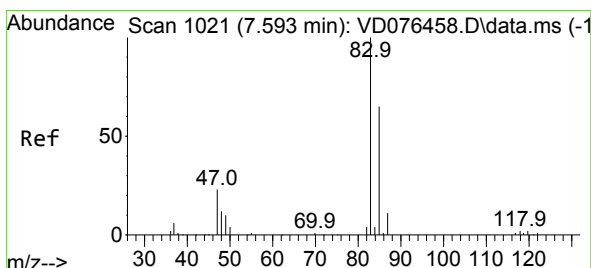
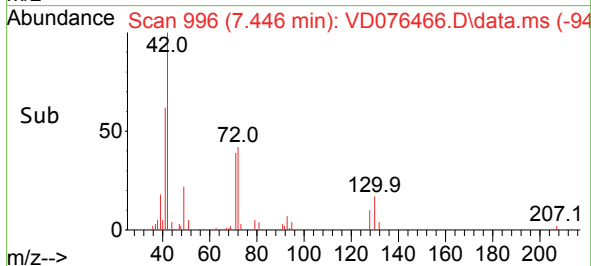
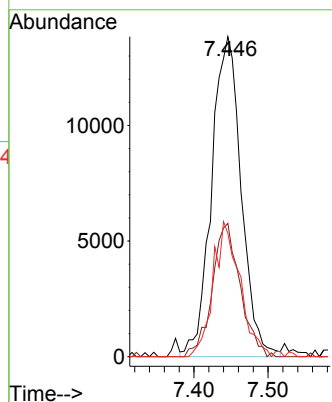
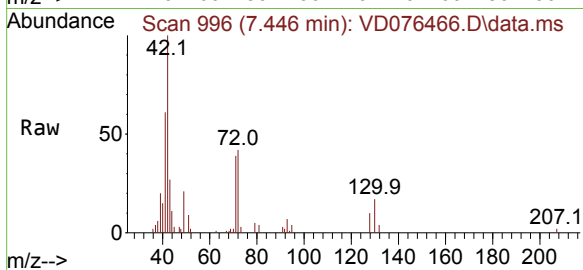
Tgt Ion: 42 Resp: 38525

Ion Ratio Lower Upper

42 100

72 39.3 46.5 69.7#

71 38.1 44.5 66.7#



#30

Chloroform

Concen: 19.621 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076466.D

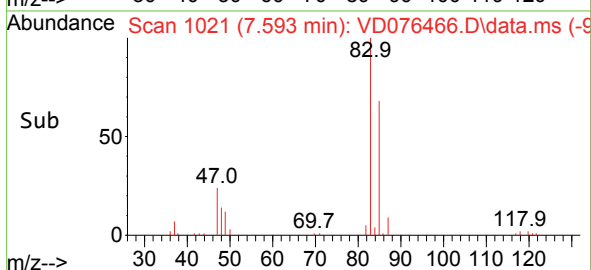
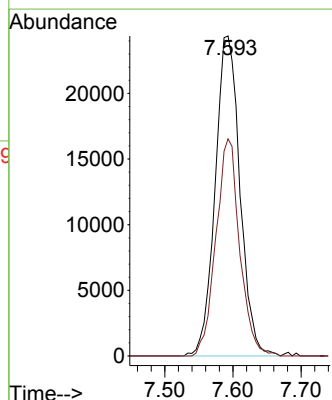
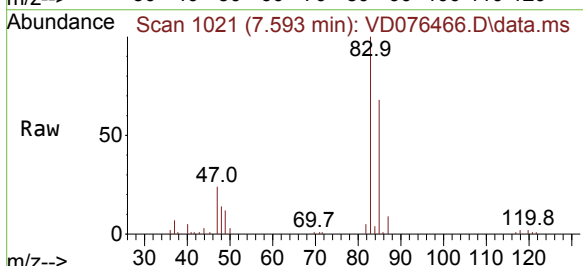
Acq: 19 Jun 2023 13:11

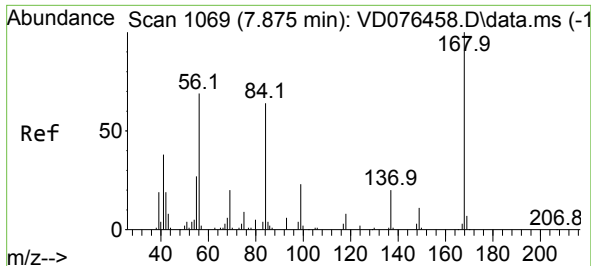
Tgt Ion: 83 Resp: 61637

Ion Ratio Lower Upper

83 100

85 67.9 53.4 80.2

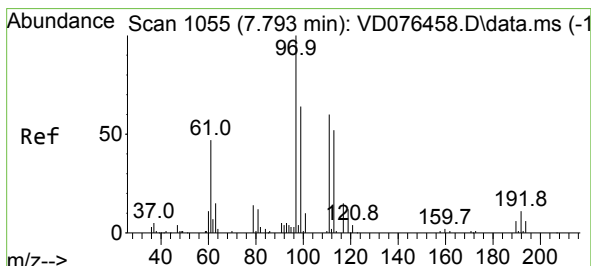
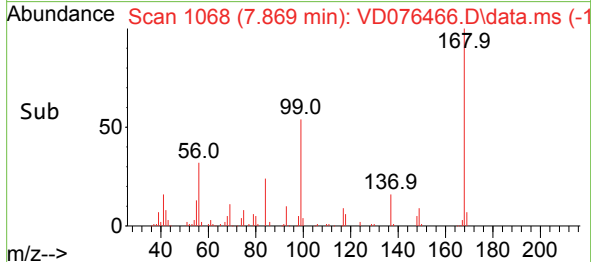
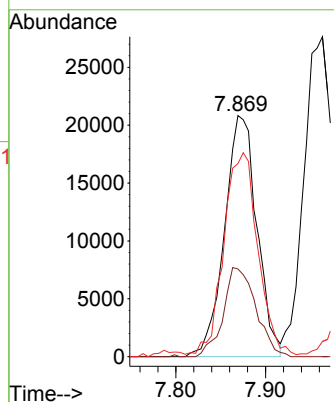
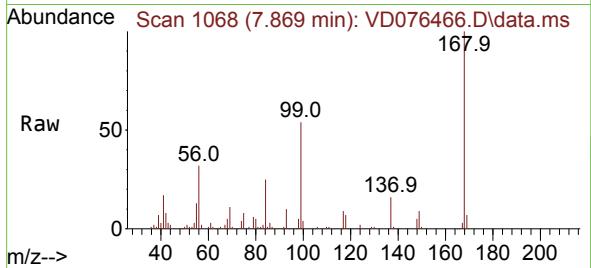




#31
Cyclohexane
Concen: 20.630 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

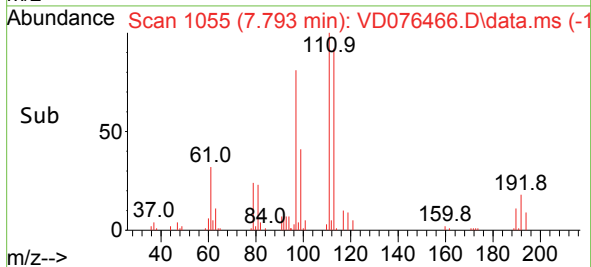
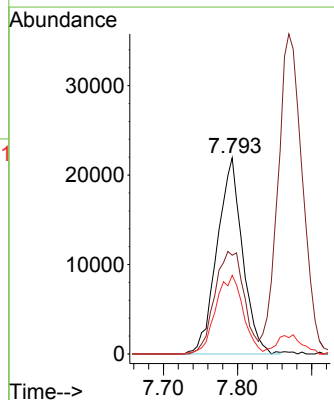
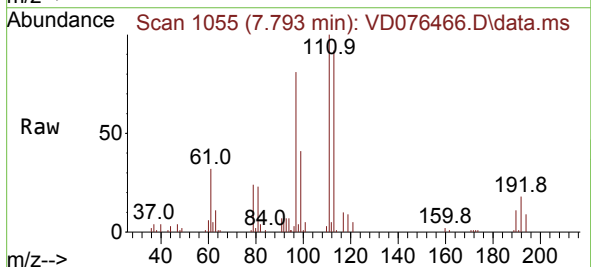
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

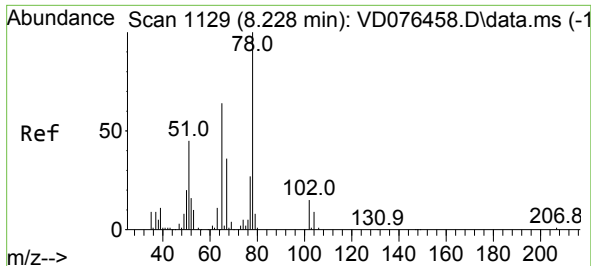
Tgt Ion: 56 Resp: 52251
Ion Ratio Lower Upper
56 100
69 36.3 28.6 43.0
84 78.2 84.8 127.2#



#32
1,1,1-Trichloroethane
Concen: 20.601 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 97 Resp: 52313
Ion Ratio Lower Upper
97 100
99 60.3 52.0 78.0
61 43.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 44.087 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

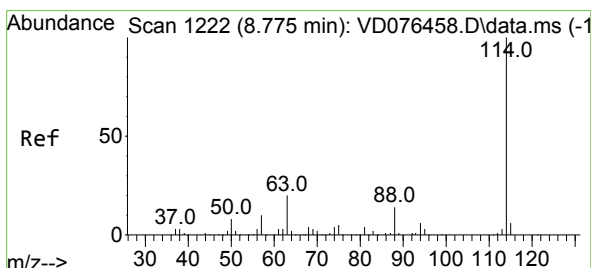
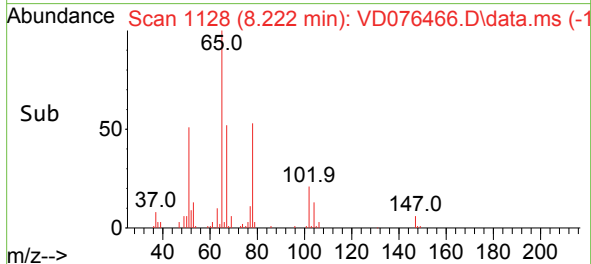
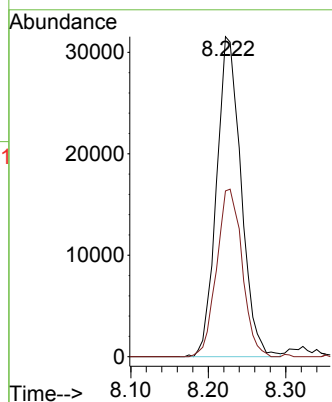
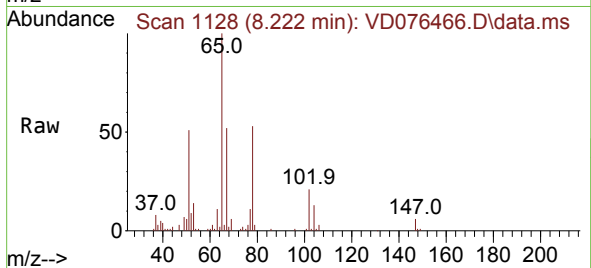
VD0619SBS01

Tgt Ion: 65 Resp: 69354

Ion Ratio Lower Upper

65 100

67 54.4 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: VD076466.D

Acq: 19 Jun 2023 13:11

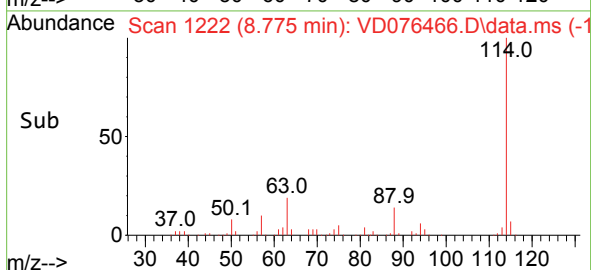
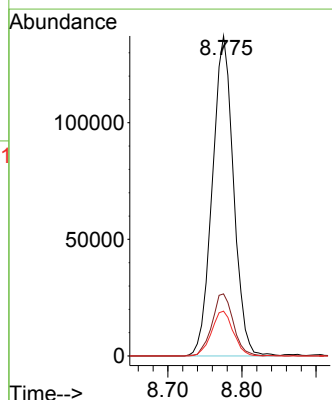
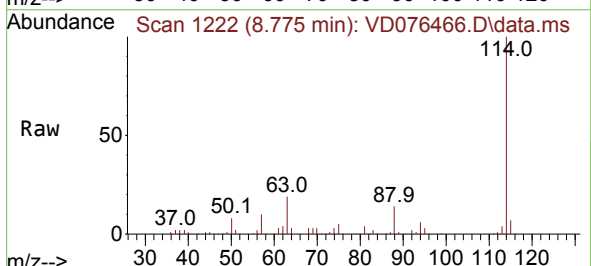
Tgt Ion: 114 Resp: 272253

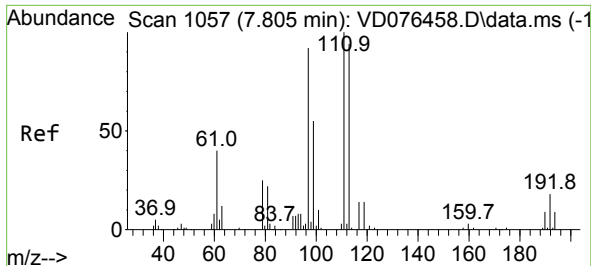
Ion Ratio Lower Upper

114 100

63 19.4 0.0 33.4

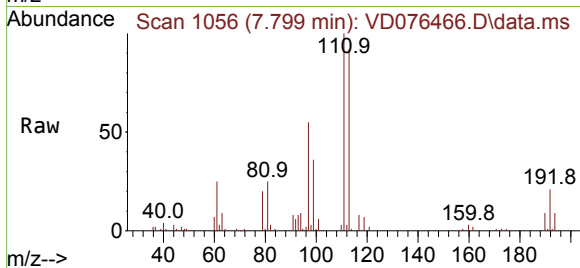
88 14.0 0.0 26.2



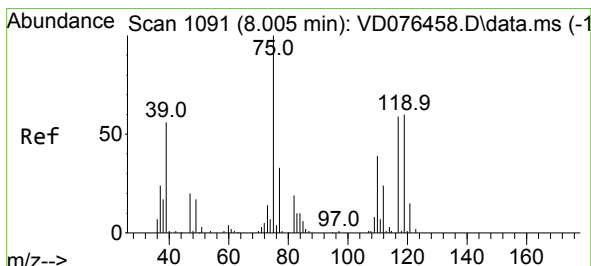
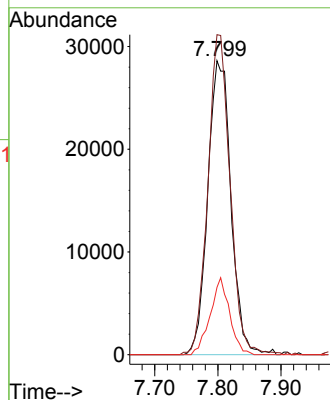
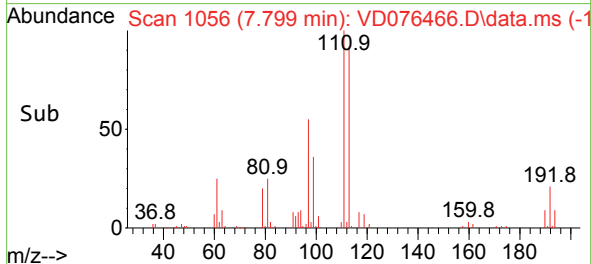


#35
Dibromofluoromethane
Concen: 45.230 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

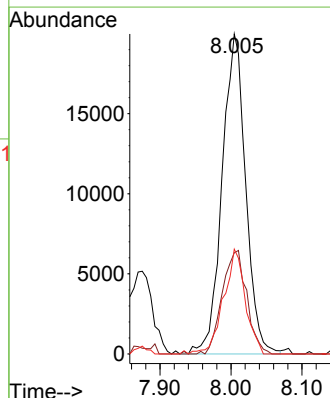
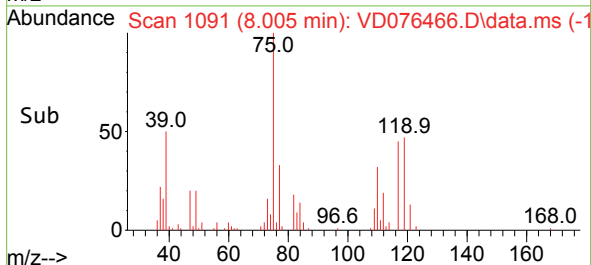
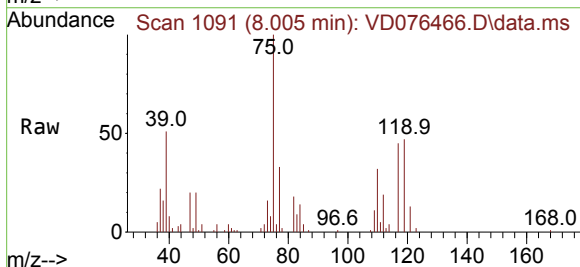


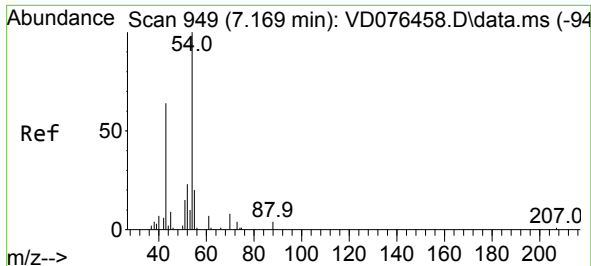
Tgt Ion:113 Resp: 73153
Ion Ratio Lower Upper
113 100
111 104.2 84.7 127.1
192 21.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.350 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 75 Resp: 46091
Ion Ratio Lower Upper
75 100
110 33.5 19.9 59.6
77 30.2 24.7 37.1

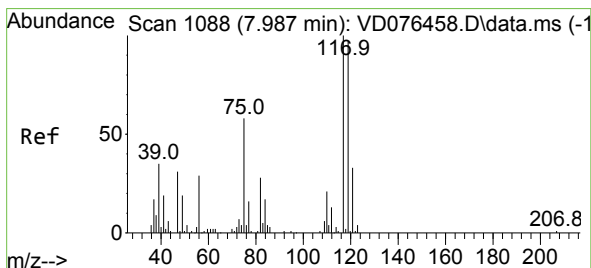
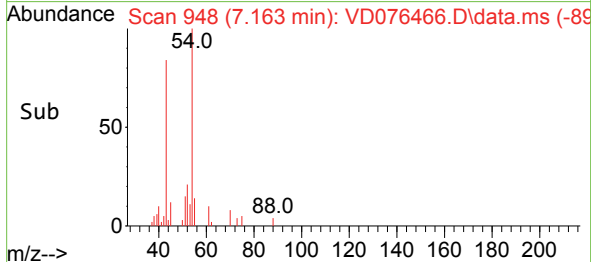
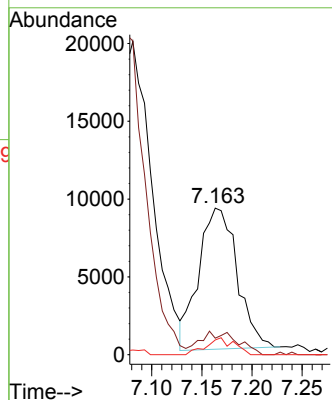
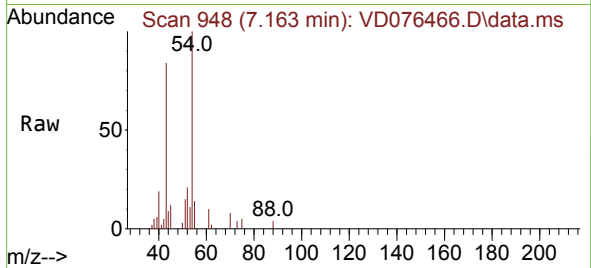




#37
Ethyl Acetate
Concen: 18.451 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

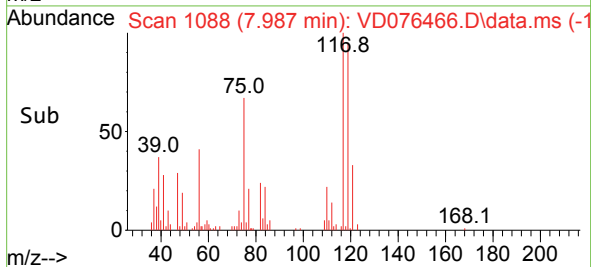
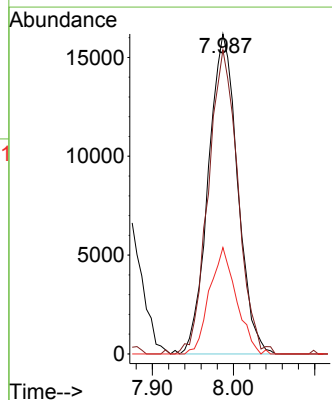
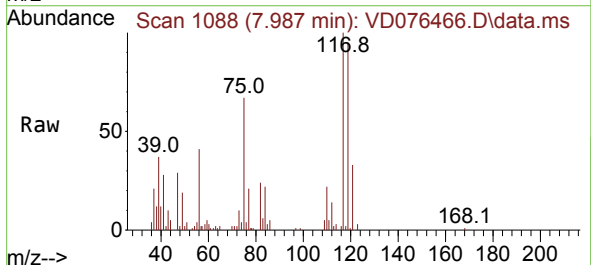
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

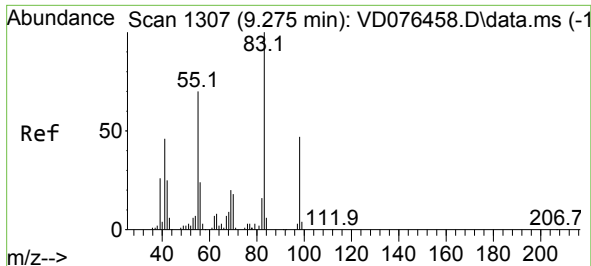
Tgt Ion: 43 Resp: 24216
Ion Ratio Lower Upper
43 100
61 15.8 14.9 22.3
70 8.6 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 20.019 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 117 Resp: 40525
Ion Ratio Lower Upper
117 100
119 95.1 78.0 117.0
121 33.3 24.2 36.2

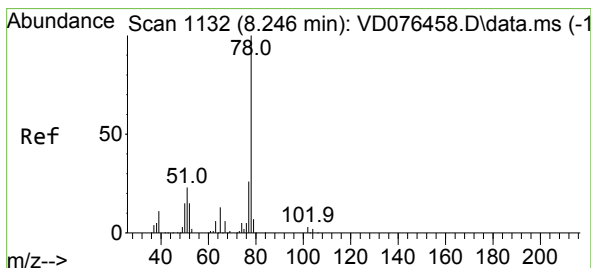
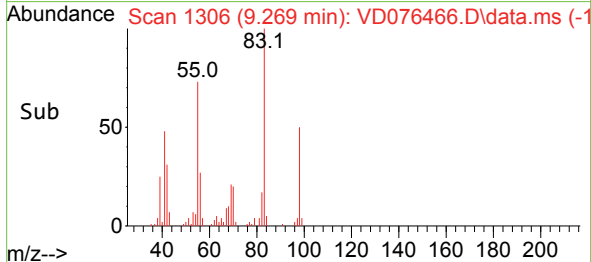
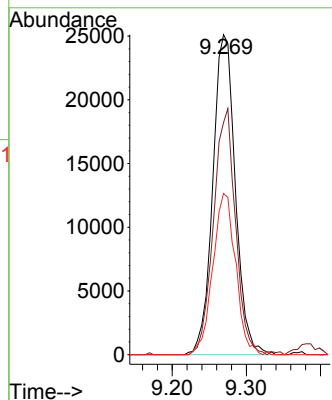
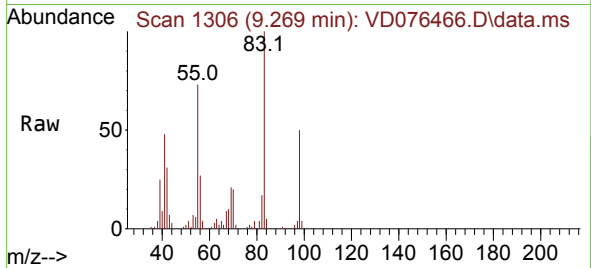




#39
Methylcyclohexane
Concen: 19.976 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

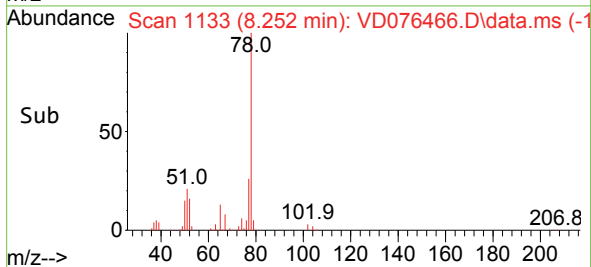
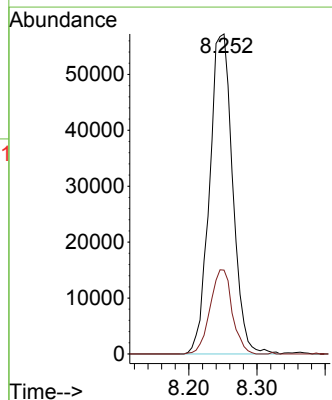
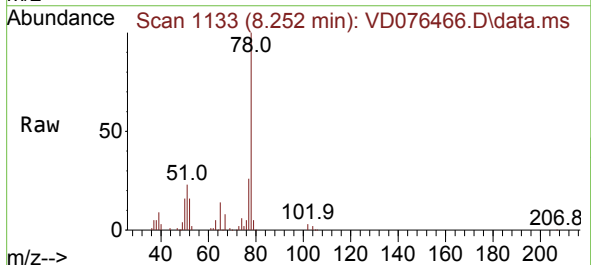
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

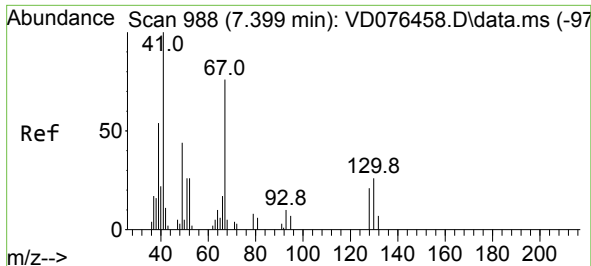
Tgt Ion: 83 Resp: 53096
Ion Ratio Lower Upper
83 100
55 72.5 49.4 74.0
98 50.4 38.4 57.6



#40
Benzene
Concen: 19.590 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 78 Resp: 135309
Ion Ratio Lower Upper
78 100
77 26.2 19.4 29.0

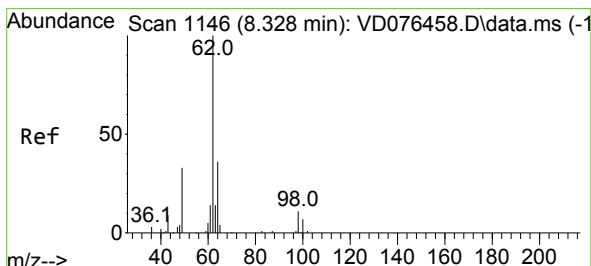
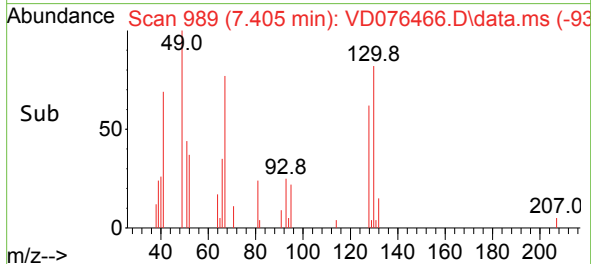
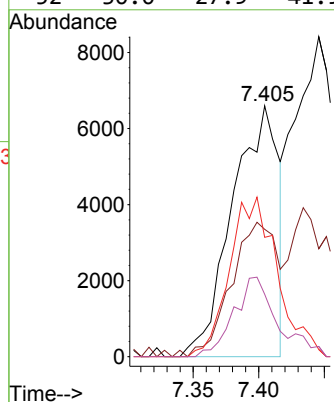
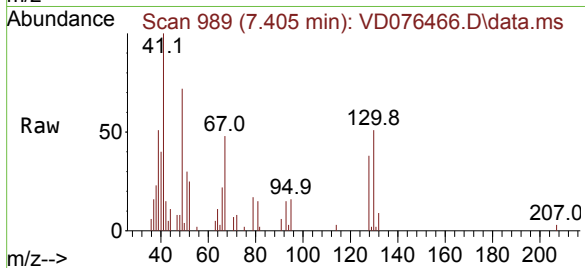




#41
Methacrylonitrile
Concen: 21.783 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

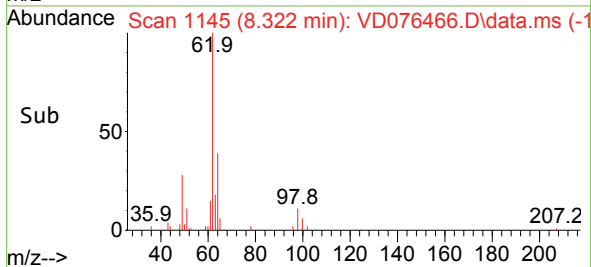
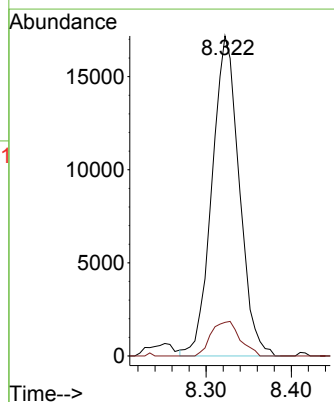
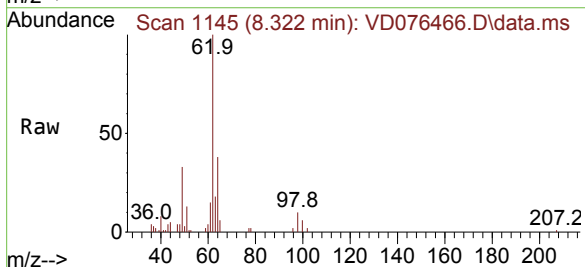
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

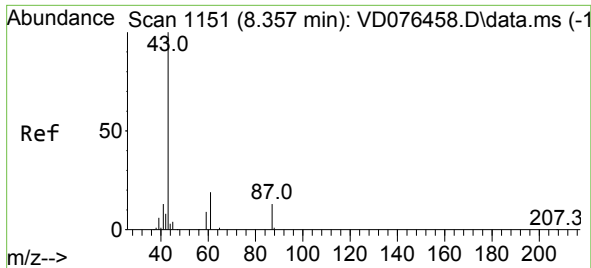
Tgt Ion: 41 Resp: 16144
Ion Ratio Lower Upper
41 100
39 53.3 34.0 51.0#
67 65.9 77.0 115.4#
52 30.0 27.9 41.9



#42
1,2-Dichloroethane
Concen: 20.446 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 62 Resp: 38158
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4

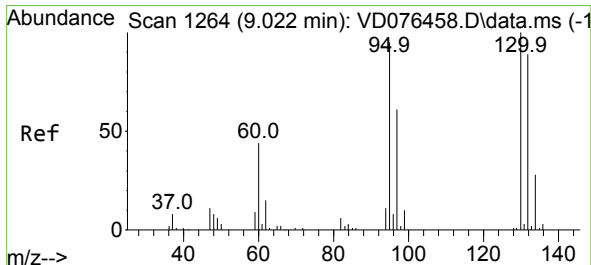
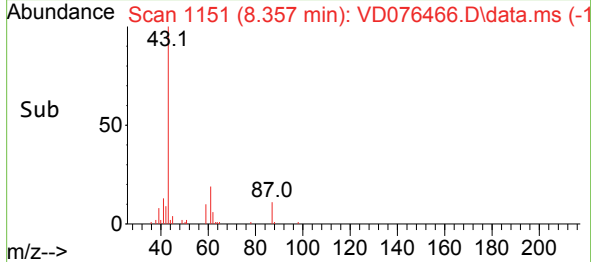
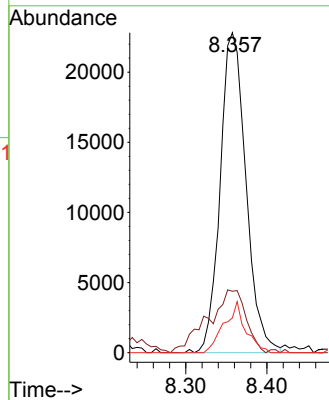
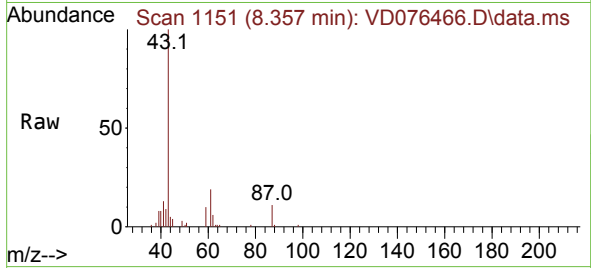




#43
Isopropyl Acetate
Concen: 20.273 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

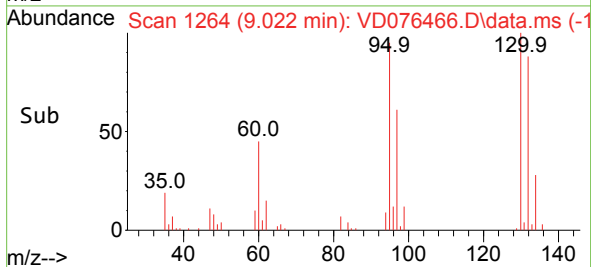
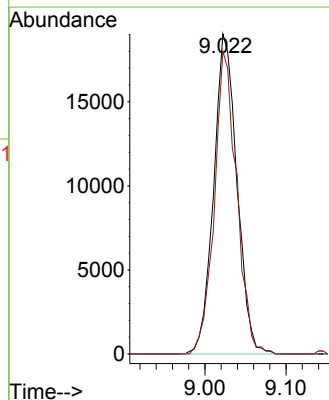
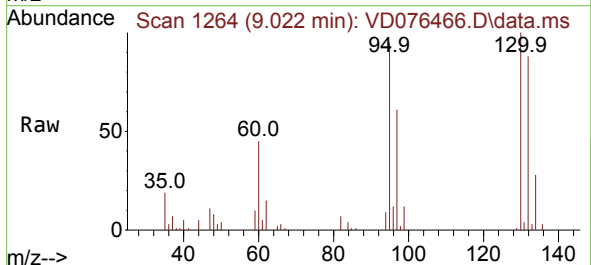
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

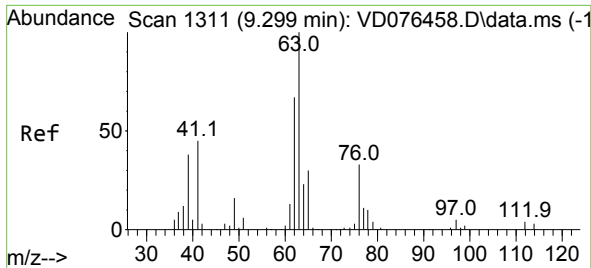
Tgt Ion: 43 Resp: 50373
Ion Ratio Lower Upper
43 100
61 28.9 31.4 47.0#
87 13.1 14.9 22.3#



#44
Trichloroethene
Concen: 20.358 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion:130 Resp: 37931
Ion Ratio Lower Upper
130 100
95 94.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.351 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

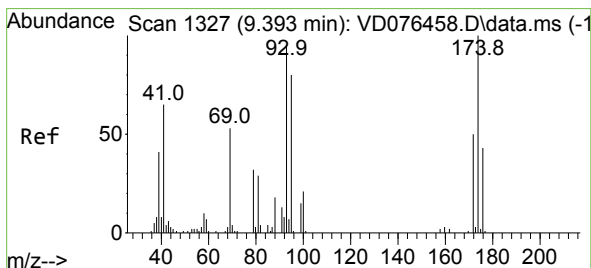
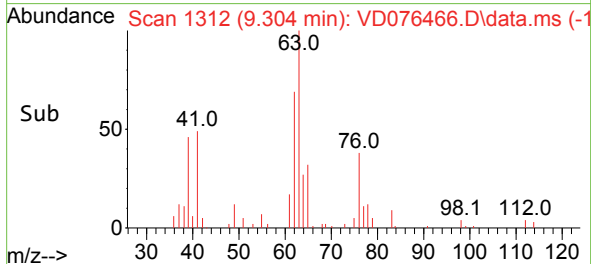
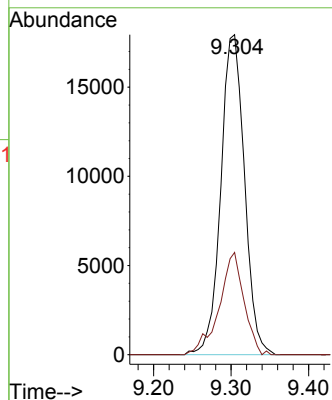
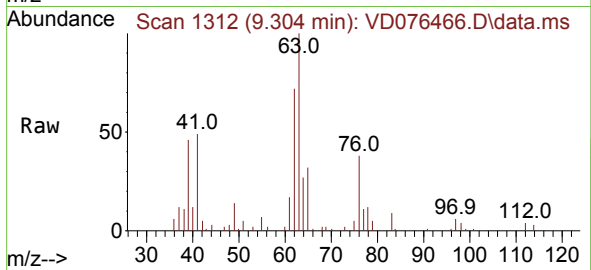
VD0619SBS01

Tgt Ion: 63 Resp: 38112

Ion Ratio Lower Upper

63 100

65 32.0 24.5 36.7



#46

Dibromomethane

Concen: 19.347 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

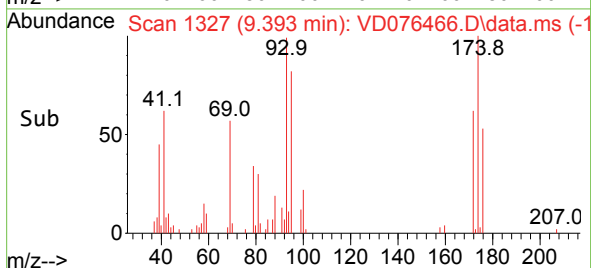
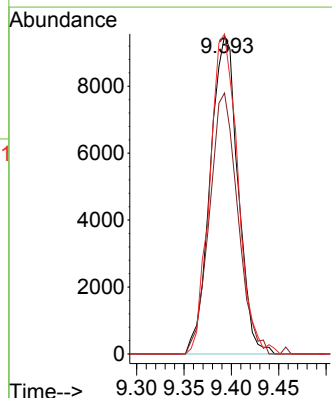
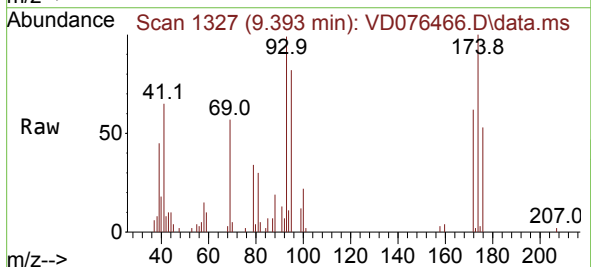
Tgt Ion: 93 Resp: 19409

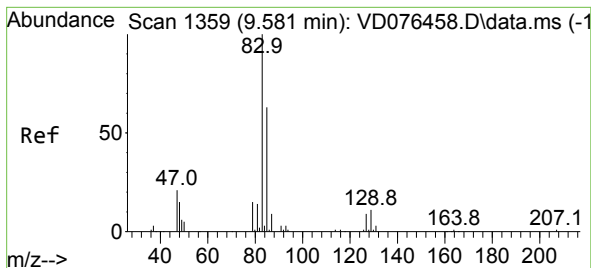
Ion Ratio Lower Upper

93 100

95 83.3 67.7 101.5

174 101.7 85.4 128.2





#47

Bromodichloromethane

Concen: 19.932 ug/l

RT: 9.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

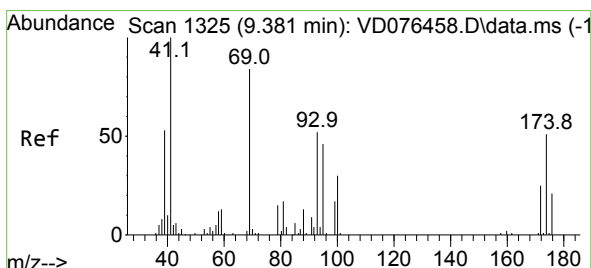
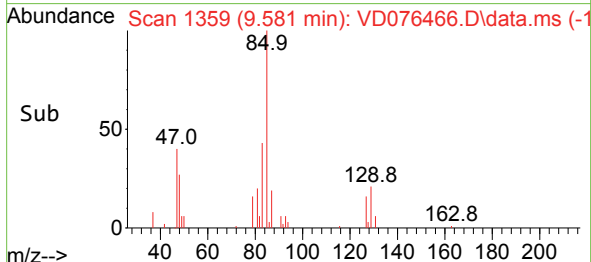
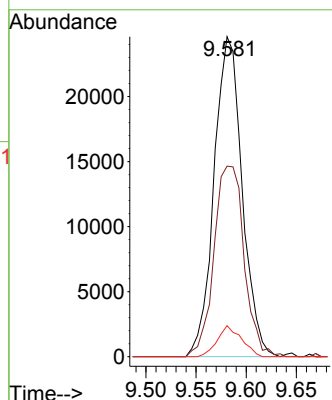
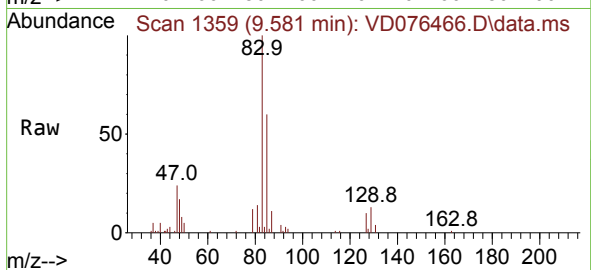
Tgt Ion: 83 Resp: 47852

Ion Ratio Lower Upper

83 100

85 59.5 50.2 75.4

127 9.7 6.3 9.5#



#48

Methyl methacrylate

Concen: 18.318 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

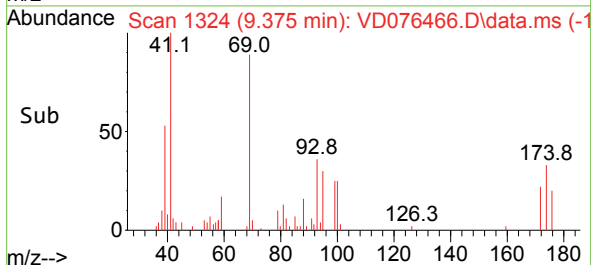
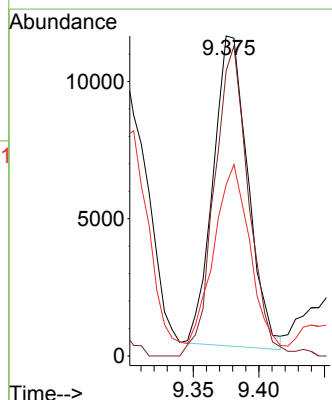
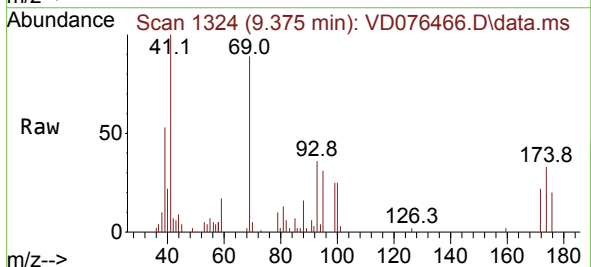
Tgt Ion: 41 Resp: 20861

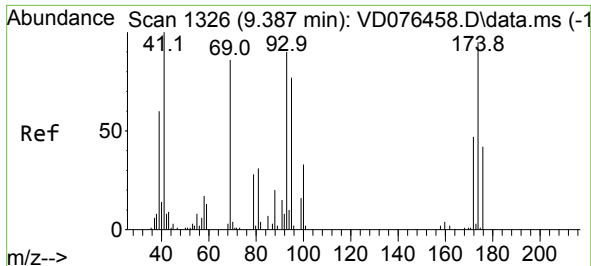
Ion Ratio Lower Upper

41 100

69 98.1 102.2 153.2#

39 67.0 41.4 62.2#





#49

1,4-Dioxane

Concen: 410.072 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076466.D

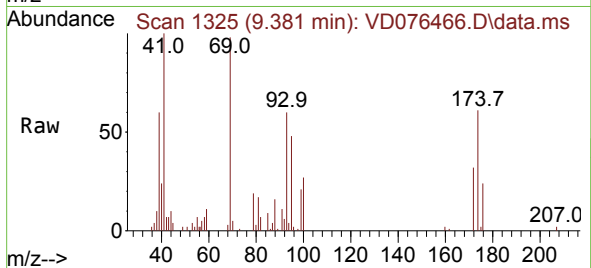
Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01



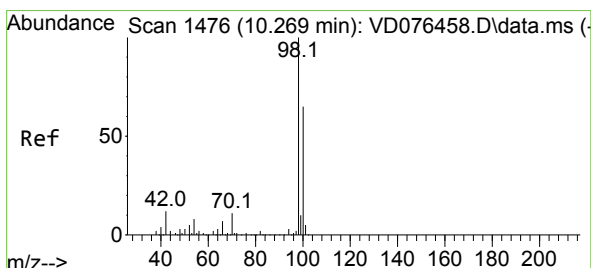
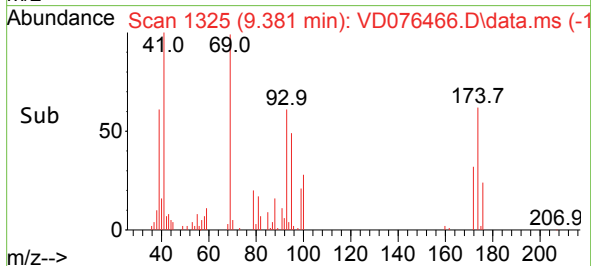
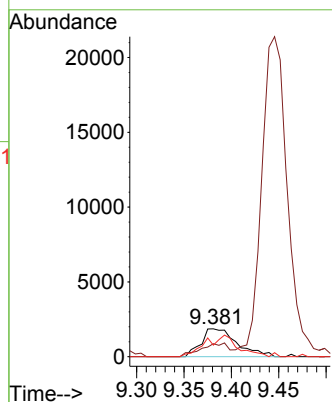
Tgt Ion: 88 Resp: 4929

Ion Ratio Lower Upper

88 100

43 39.9 19.0 28.6#

58 69.6 43.5 65.3#



#50

Toluene-d8

Concen: 45.037 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076466.D

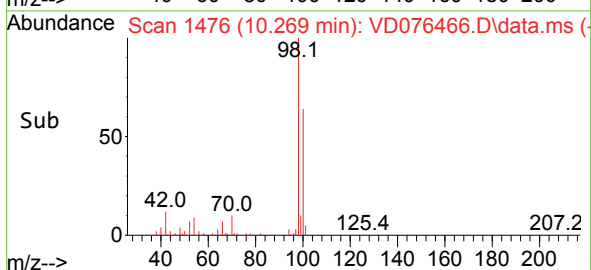
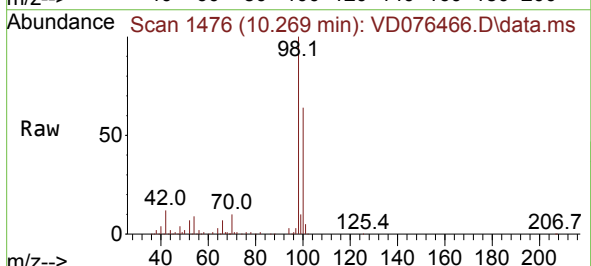
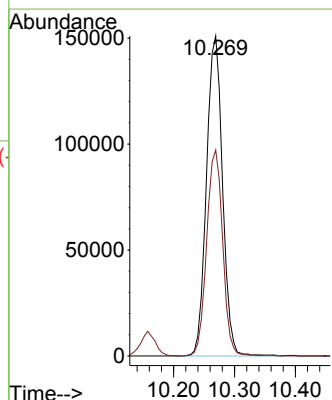
Acq: 19 Jun 2023 13:11

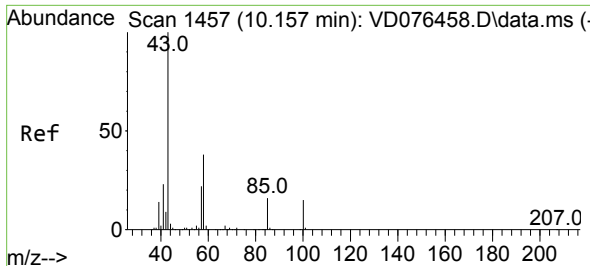
Tgt Ion: 98 Resp: 276249

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

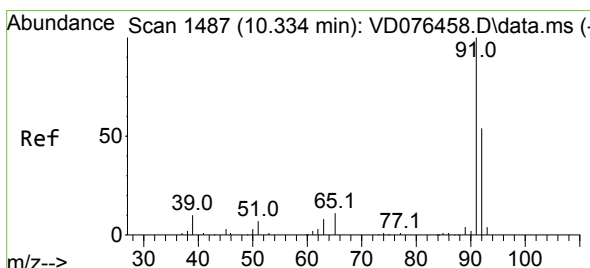
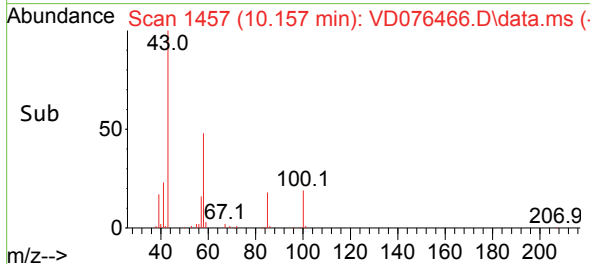
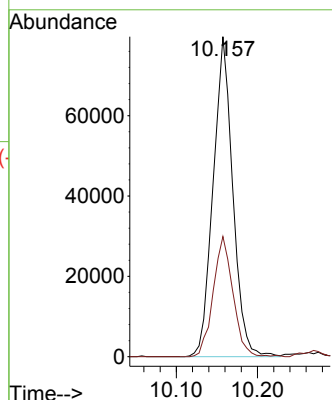
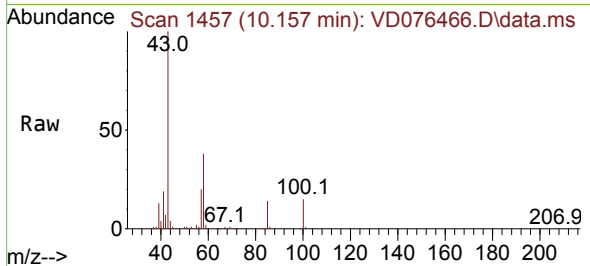




#51
4-Methyl-2-Pentanone
Concen: 105.464 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

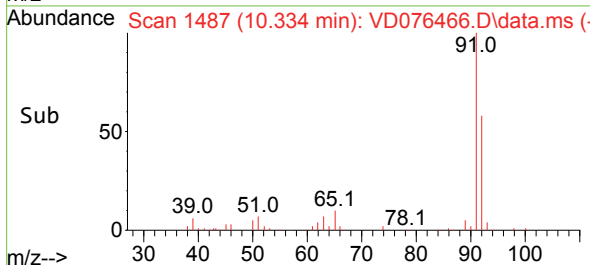
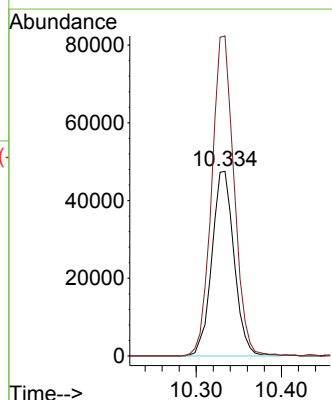
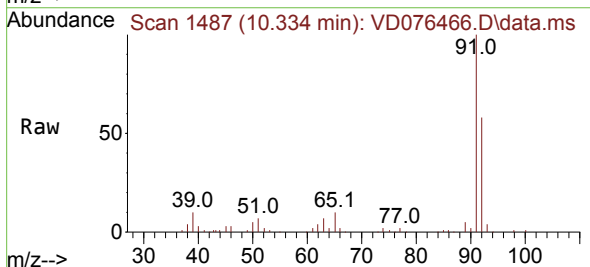
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

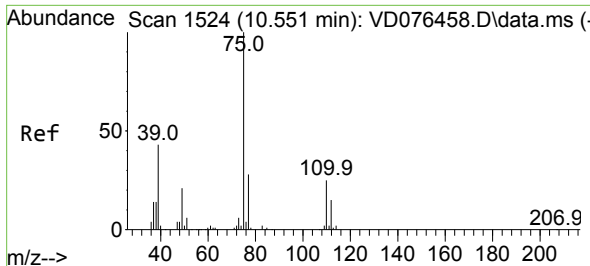
Tgt Ion: 43 Resp: 133953
Ion Ratio Lower Upper
43 100
58 37.9 38.9 58.3#



#52
Toluene
Concen: 19.861 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 92 Resp: 86081
Ion Ratio Lower Upper
92 100
91 174.4 143.0 214.4

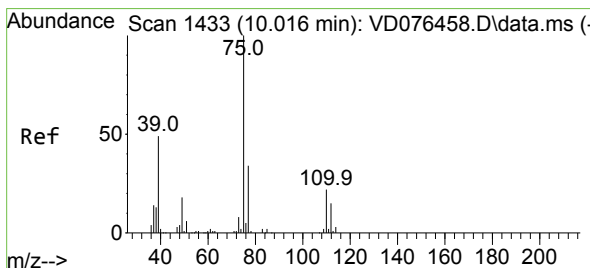
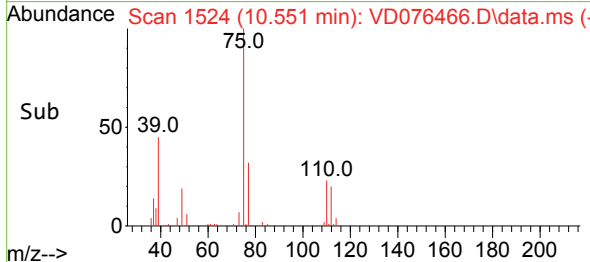
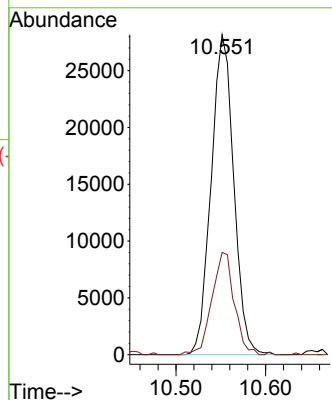
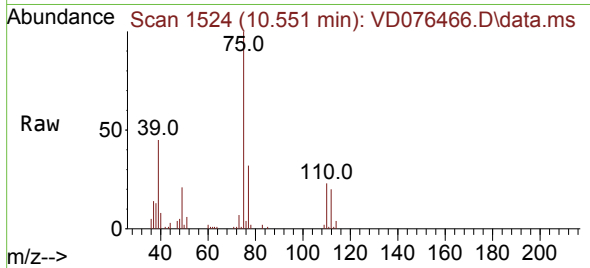




#53
 t-1,3-Dichloropropene
 Concen: 20.221 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD076466.D
 Acq: 19 Jun 2023 13:11

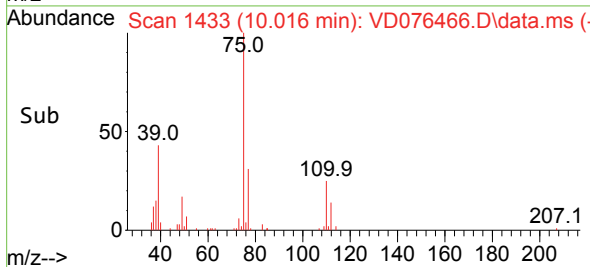
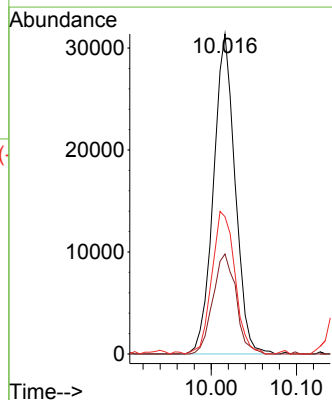
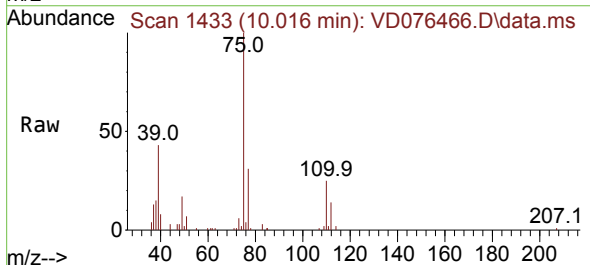
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

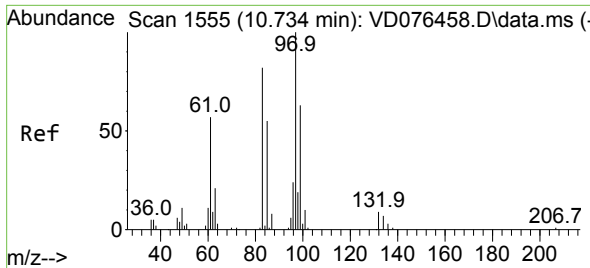
Tgt Ion: 75 Resp: 49260
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.139 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076466.D
 Acq: 19 Jun 2023 13:11

Tgt Ion: 75 Resp: 55278
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.5 38.3
 39 42.4 22.1 33.1#

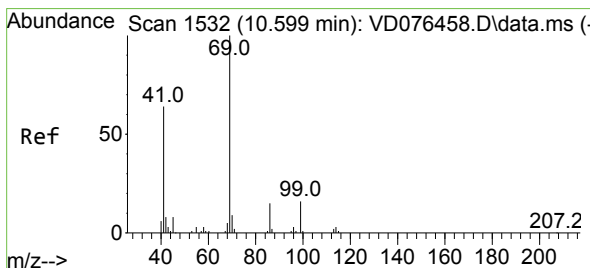
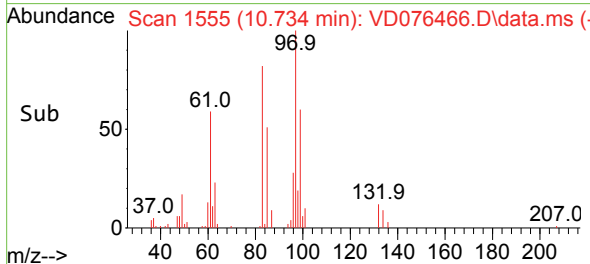
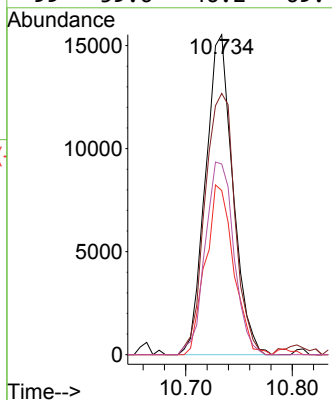
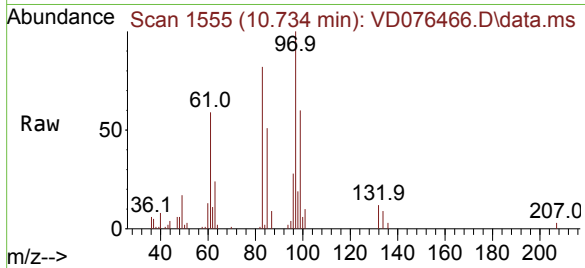




#55
 1,1,2-Trichloroethane
 Concen: 19.817 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD076466.D
 Acq: 19 Jun 2023 13:11

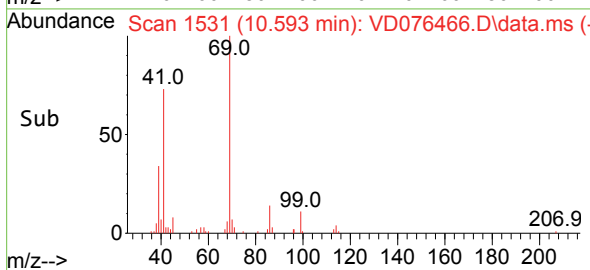
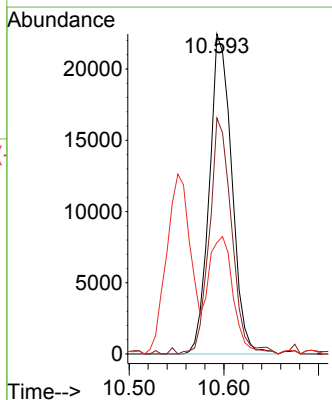
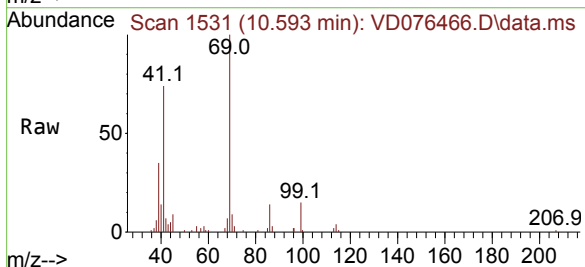
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

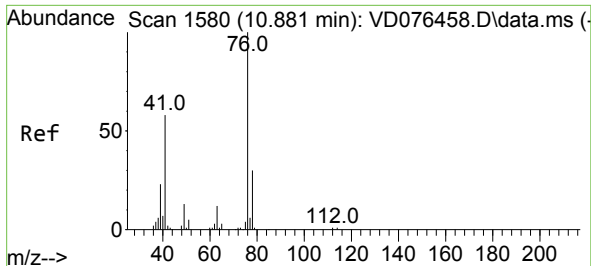
Tgt Ion:	97	Resp:	27808
Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.8	98.6
85	51.3	45.7	68.5
99	59.6	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 20.202 ug/l
 RT: 10.593 min Scan# 1531
 Delta R.T. -0.006 min
 Lab File: VD076466.D
 Acq: 19 Jun 2023 13:11

Tgt Ion:	69	Resp:	37015
Ion	Ratio	Lower	Upper
69	100		
41	72.9	39.1	58.7#
39	40.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.781 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

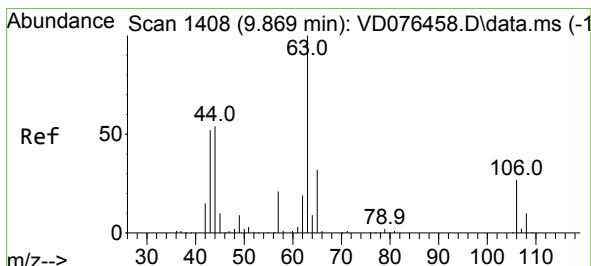
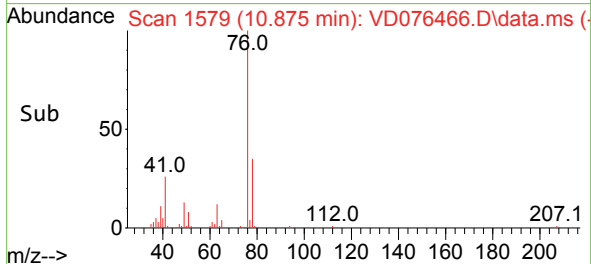
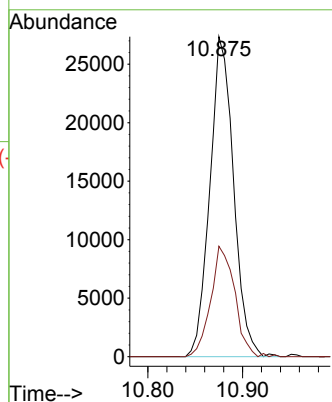
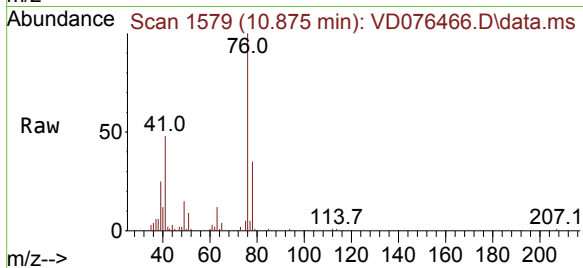
VD0619SBS01

Tgt Ion: 76 Resp: 47526

Ion Ratio Lower Upper

76 100

78 35.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.774 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076466.D

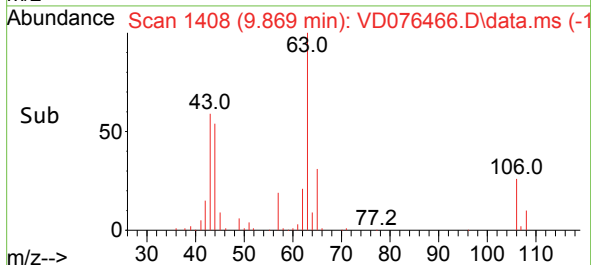
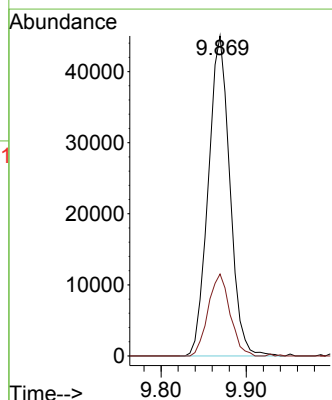
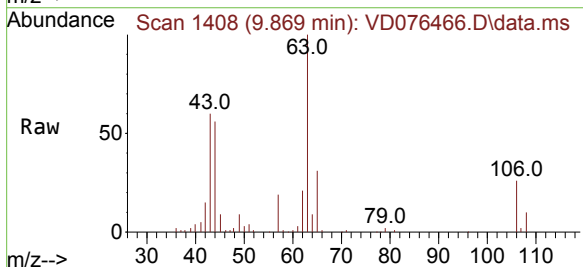
Acq: 19 Jun 2023 13:11

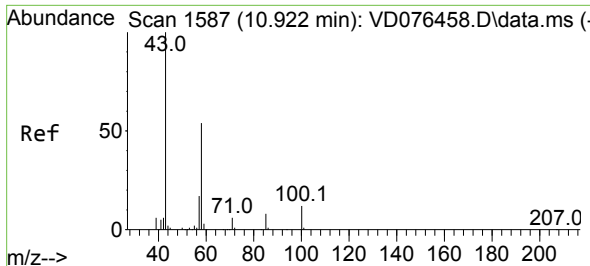
Tgt Ion: 63 Resp: 79059

Ion Ratio Lower Upper

63 100

106 26.0 25.3 37.9

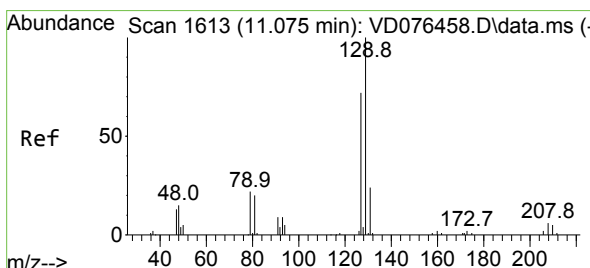
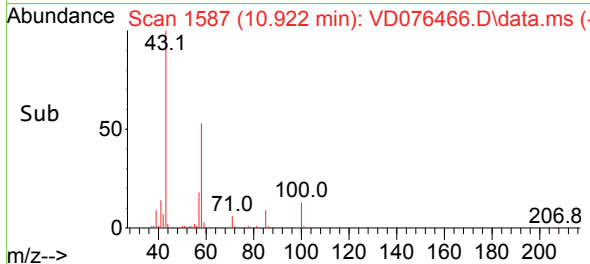
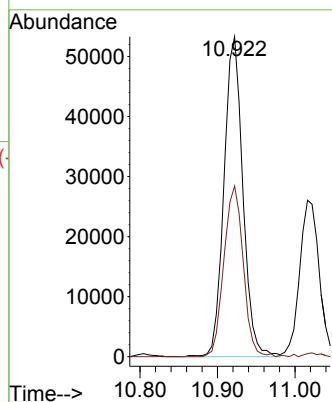
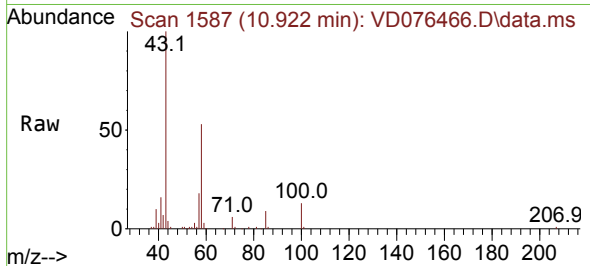




#59
2-Hexanone
Concen: 102.230 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

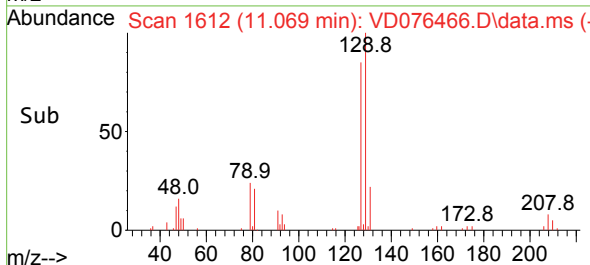
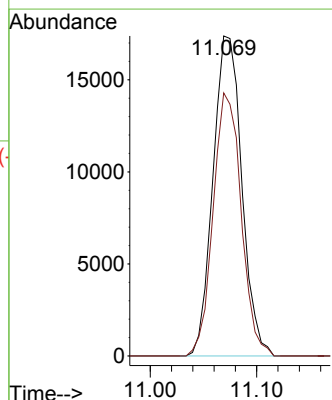
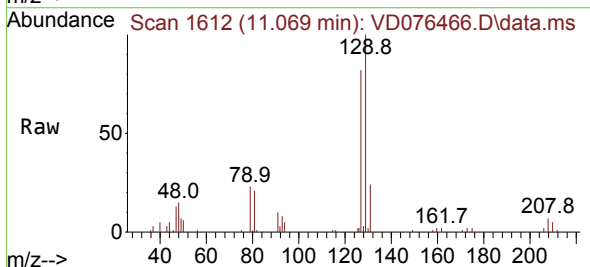
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

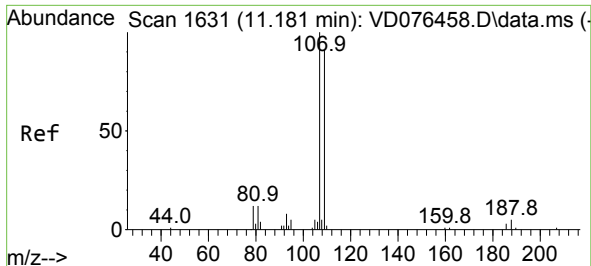
Tgt Ion: 43 Resp: 90321
Ion Ratio Lower Upper
43 100
58 54.6 34.1 102.2



#60
Dibromochloromethane
Concen: 19.987 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 129 Resp: 32640
Ion Ratio Lower Upper
129 100
127 79.9 37.1 111.5

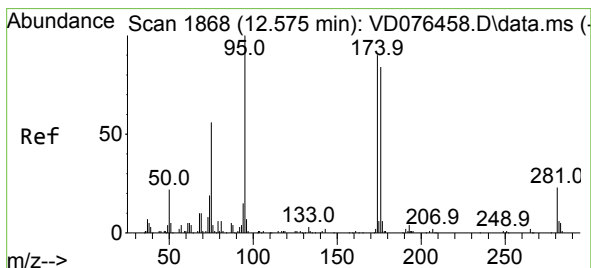
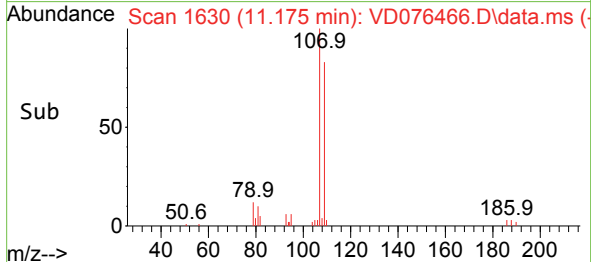
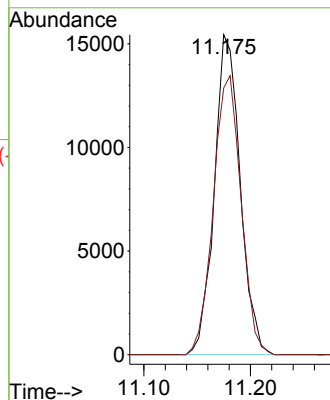
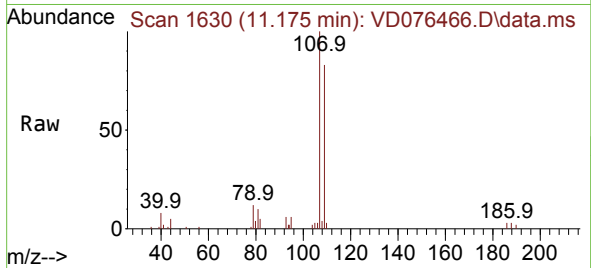




#61
1,2-Dibromoethane
Concen: 19.717 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

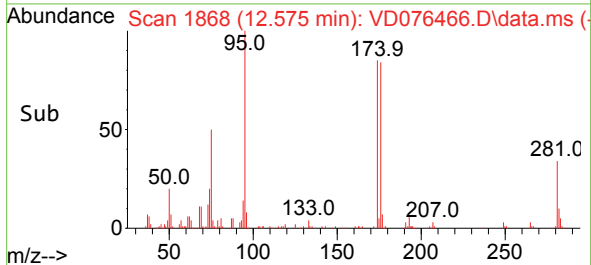
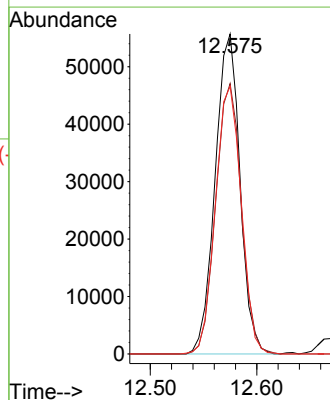
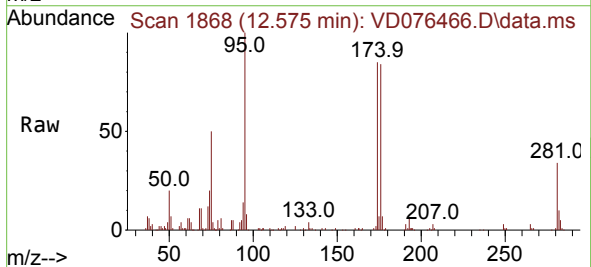
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

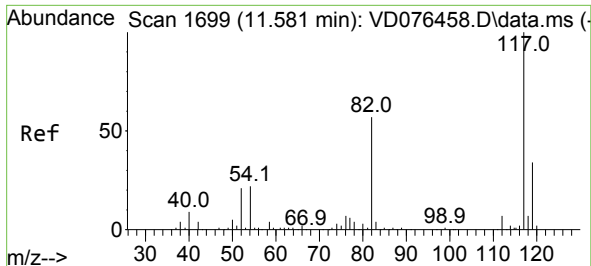
Tgt Ion:107 Resp: 25973
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.293 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 95 Resp: 90164
Ion Ratio Lower Upper
95 100
174 86.8 0.0 201.8
176 87.0 0.0 191.8

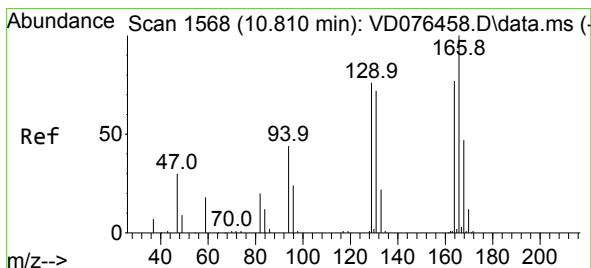
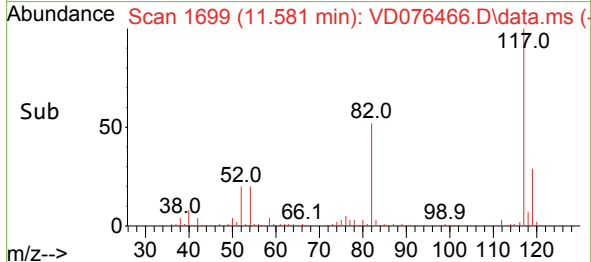
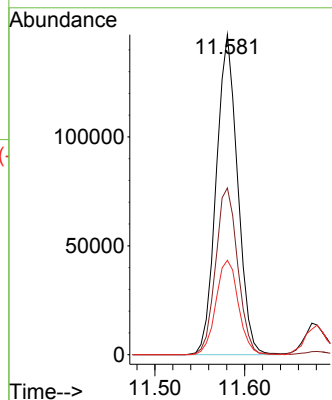
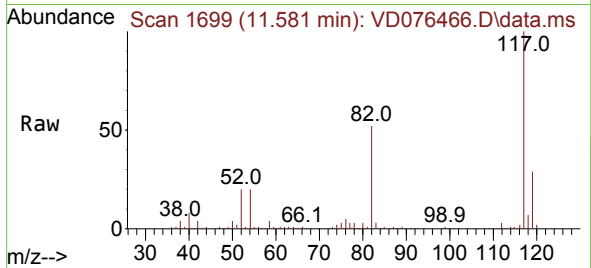




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

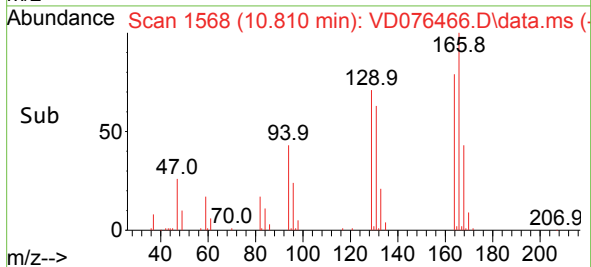
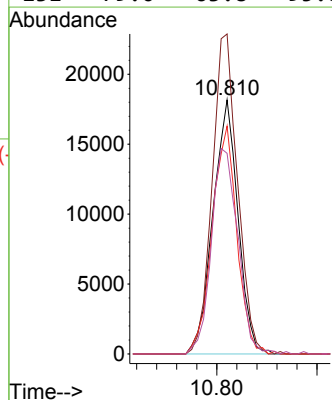
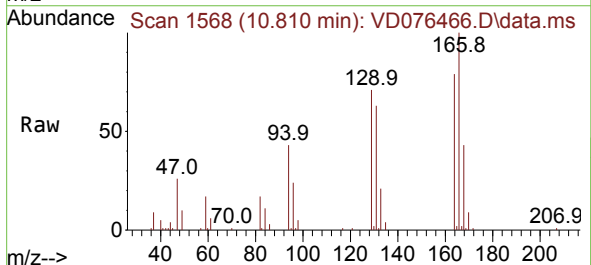
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

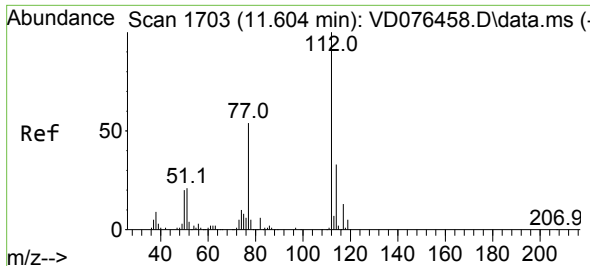
Tgt Ion:117 Resp: 243243
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 29.5 25.0 37.4



#64
Tetrachloroethene
Concen: 21.601 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion:164 Resp: 31539
Ion Ratio Lower Upper
164 100
166 126.0 99.2 148.8
129 89.7 68.4 102.6
131 79.0 63.8 95.8

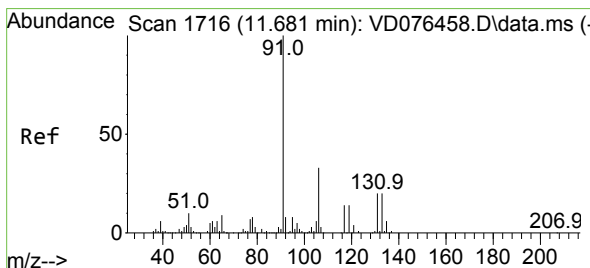
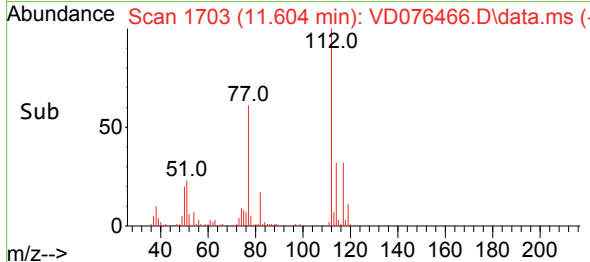
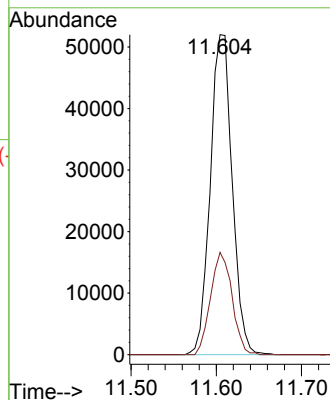
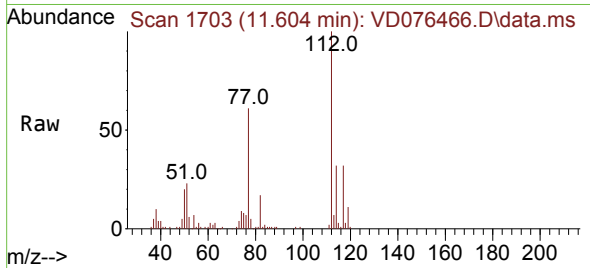




#65
Chlorobenzene
Concen: 20.142 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

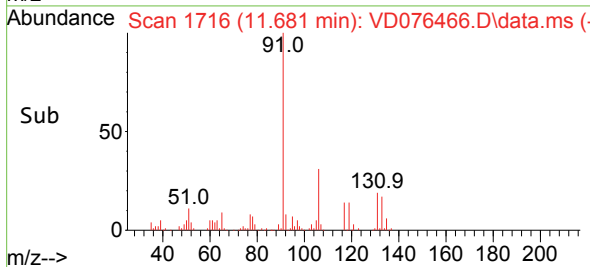
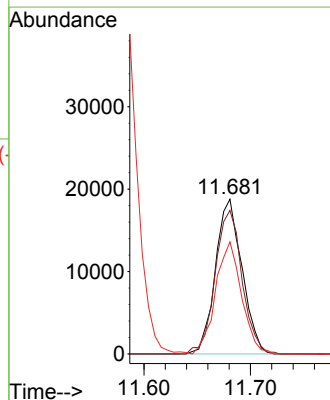
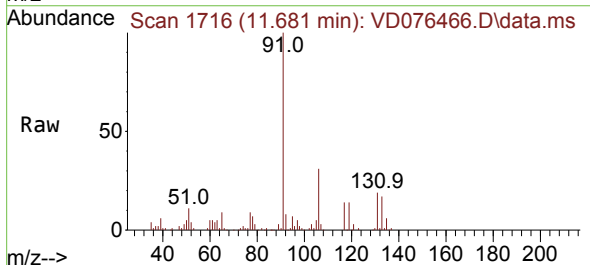
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

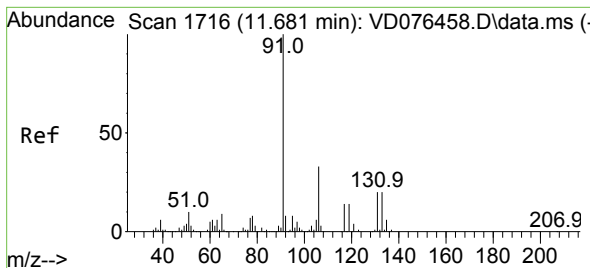
Tgt Ion:112 Resp: 93078
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.635 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion:131 Resp: 32450
Ion Ratio Lower Upper
131 100
133 94.1 48.5 145.5
119 71.0 35.6 106.9





#67

Ethyl Benzene

Concen: 20.238 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

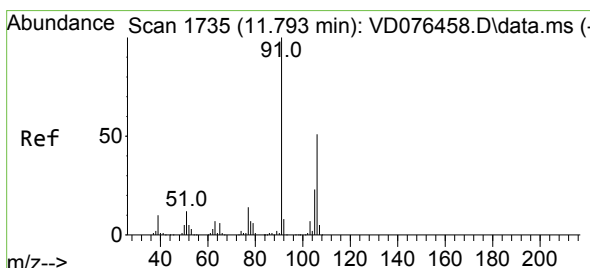
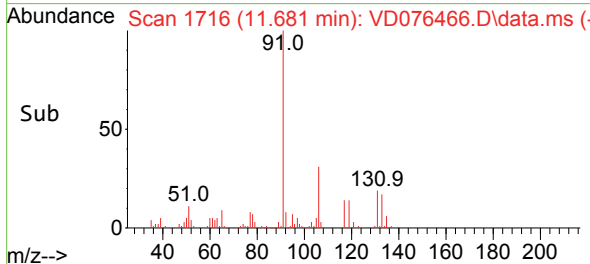
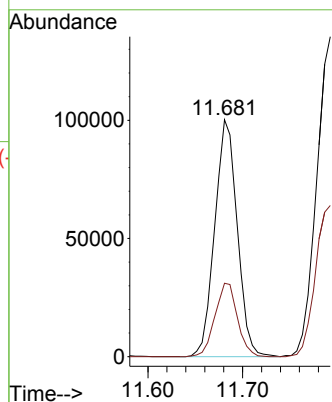
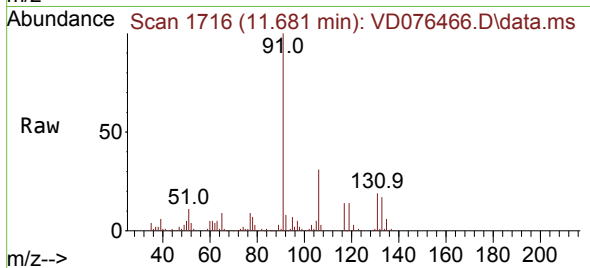
VD0619SBS01

Tgt Ion: 91 Resp: 165717

Ion Ratio Lower Upper

91 100

106 31.0 26.5 39.7



#68

m/p-Xylenes

Concen: 39.766 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076466.D

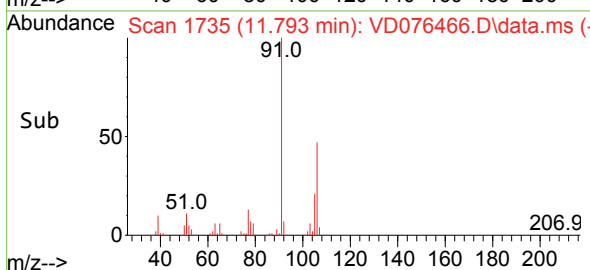
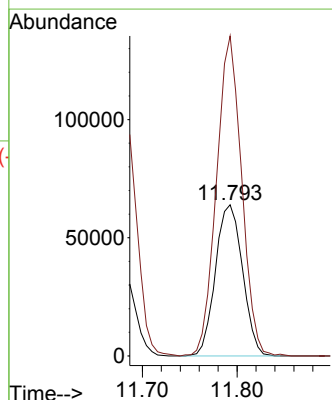
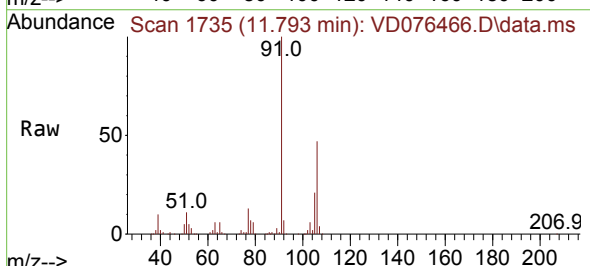
Acq: 19 Jun 2023 13:11

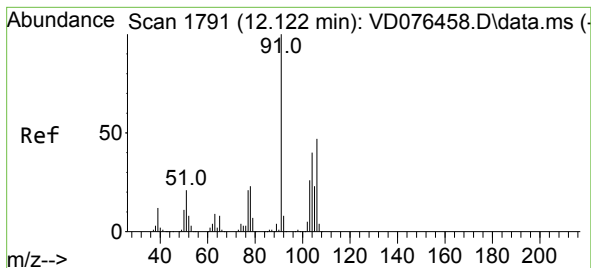
Tgt Ion:106 Resp: 127106

Ion Ratio Lower Upper

106 100

91 196.8 147.0 220.6

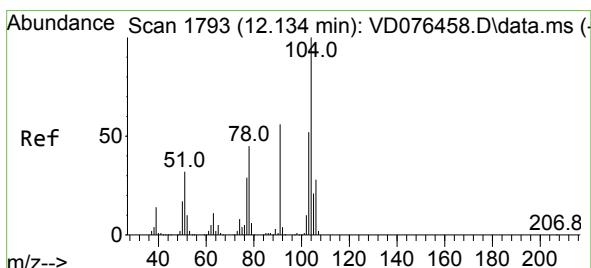
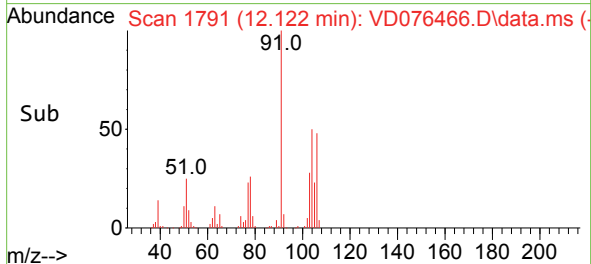
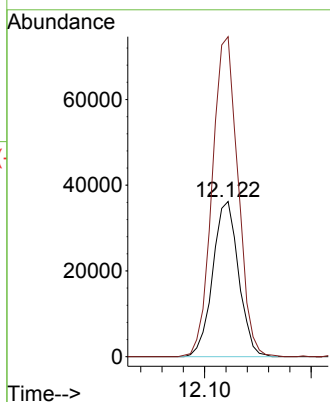
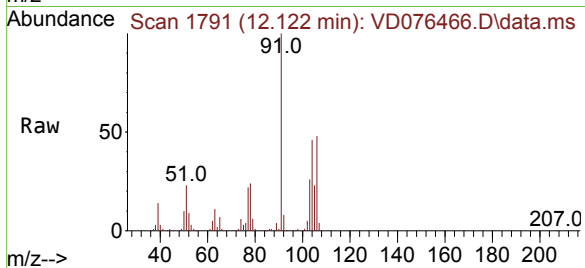




#69
o-Xylene
Concen: 19.992 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

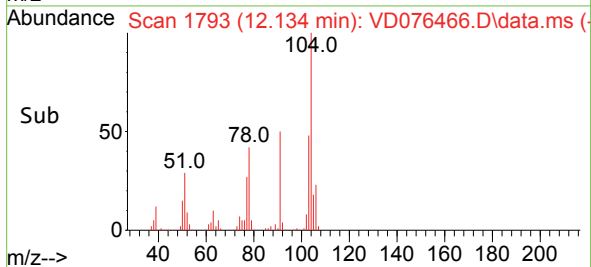
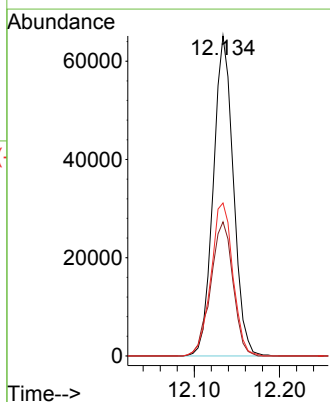
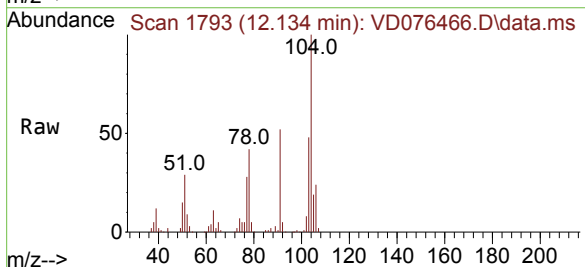
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

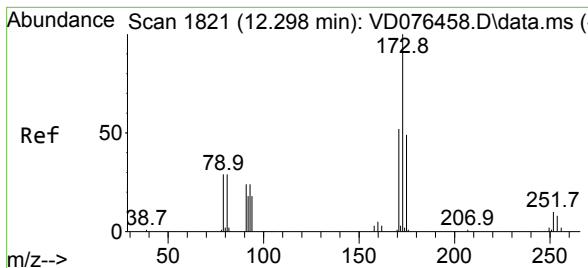
Tgt Ion:106 Resp: 60828
Ion Ratio Lower Upper
106 100
91 205.9 97.9 293.6



#70
Styrene
Concen: 20.345 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion:104 Resp: 106935
Ion Ratio Lower Upper
104 100
78 46.4 33.2 49.8
103 52.2 43.6 65.4





#71

Bromoform

Concen: 20.264 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

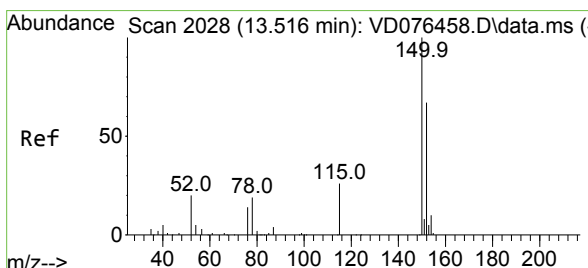
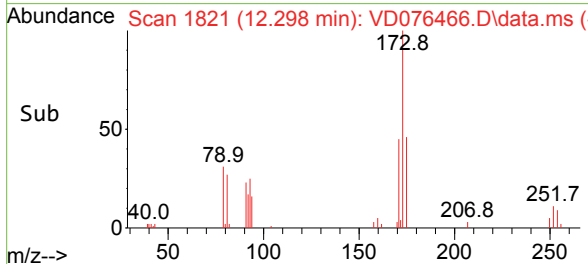
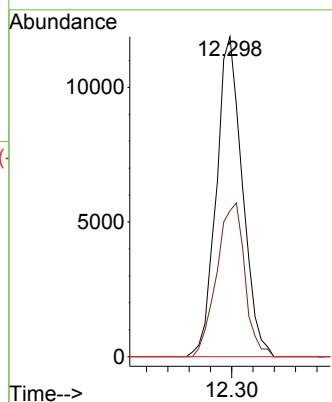
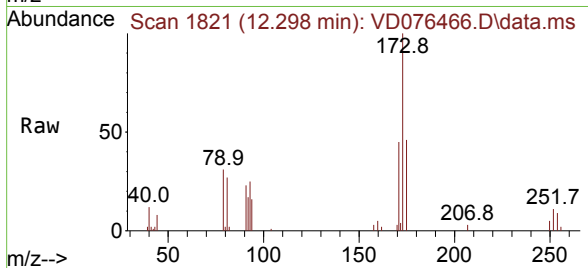
Tgt Ion:173 Resp: 20108

Ion Ratio Lower Upper

173 100

175 51.8 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: VD076466.D

Acq: 19 Jun 2023 13:11

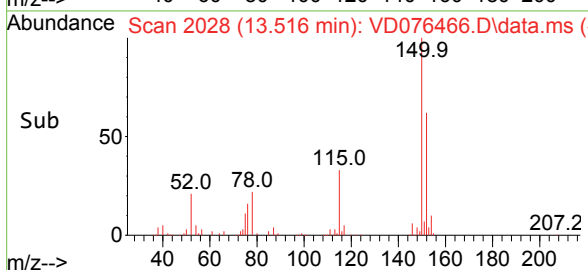
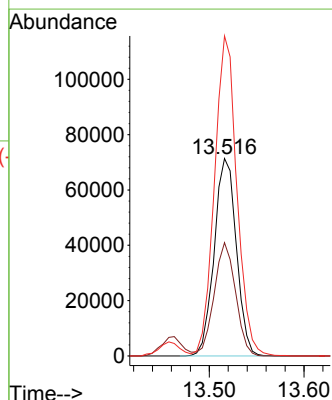
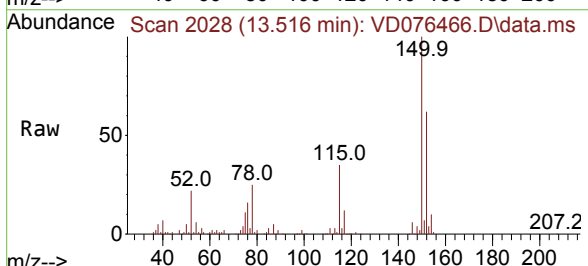
Tgt Ion:152 Resp: 115925

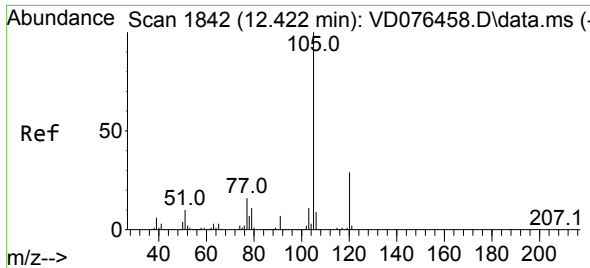
Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.3

150 164.0 0.0 353.6

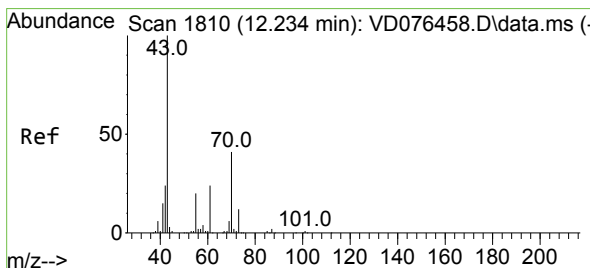
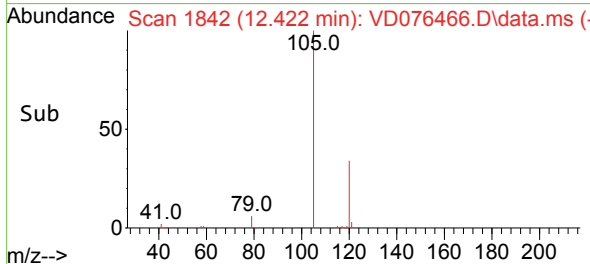
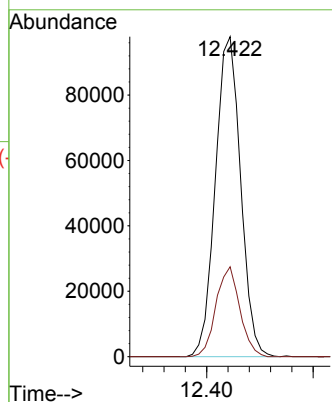
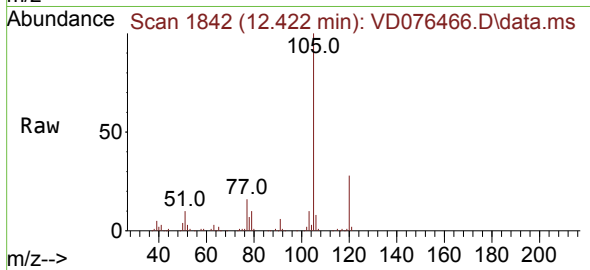




#73
Isopropylbenzene
Concen: 20.577 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

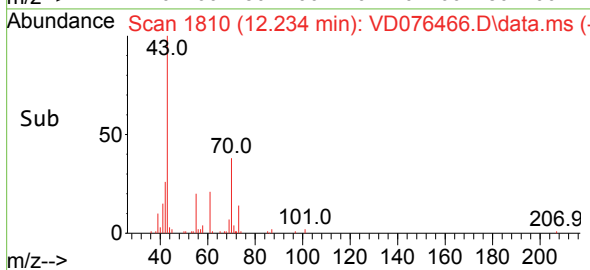
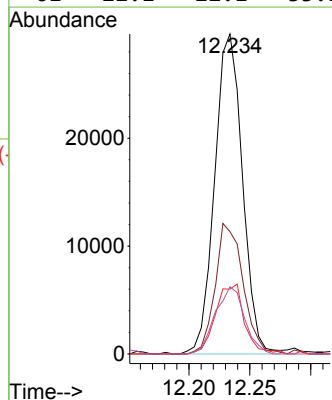
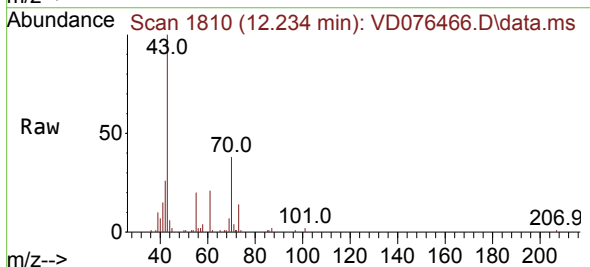
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

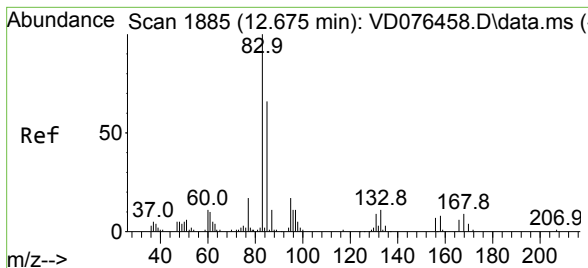
Tgt Ion:105 Resp: 160603
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 20.597 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 43 Resp: 47062
Ion Ratio Lower Upper
43 100
70 41.0 45.0 67.4#
55 22.6 23.8 35.6#
61 22.1 22.1 33.1

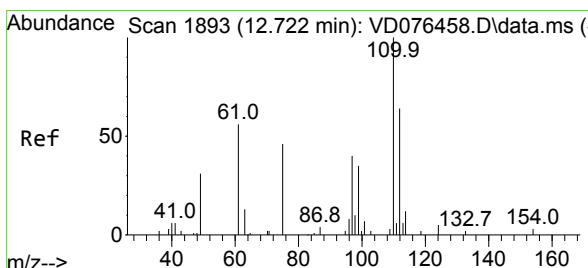
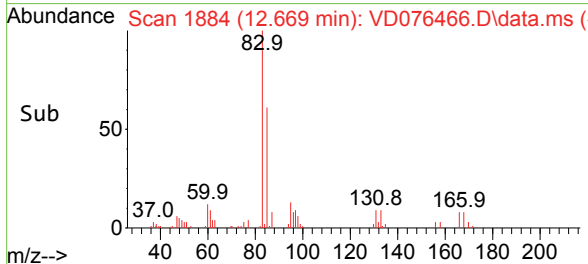
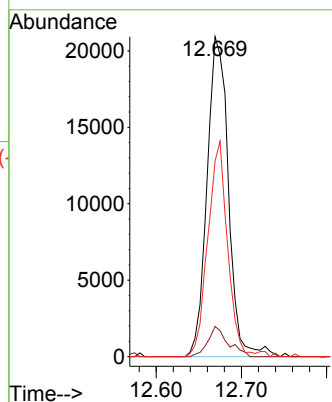
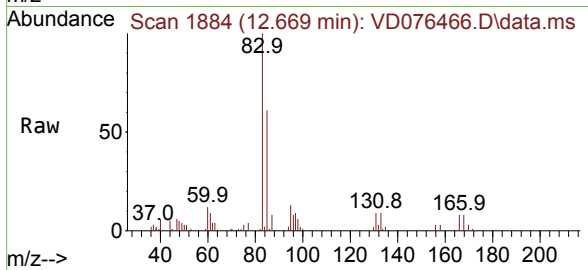




#75
1,1,2,2-Tetrachloroethane
Concen: 22.662 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

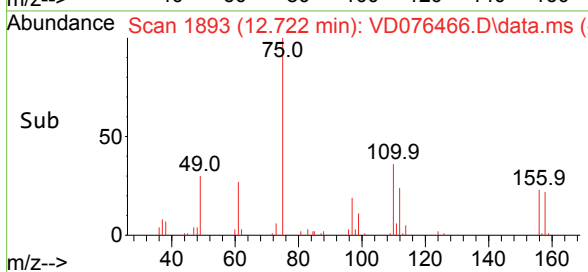
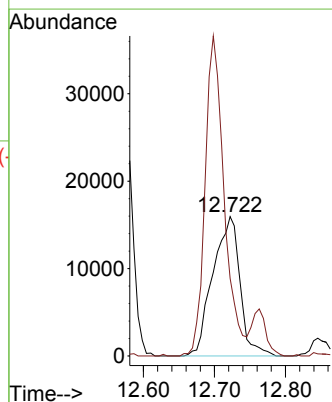
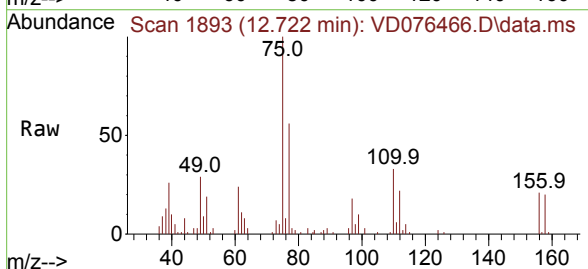
Instrument : MSVOA_D
ClientSampleId : VD0619SBS01

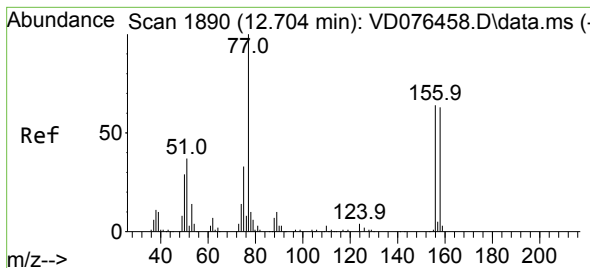
Tgt Ion: 83 Resp: 36498
Ion Ratio Lower Upper
83 100
131 8.9 5.1 15.3
85 61.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 36.738 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 75 Resp: 42268
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.898 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

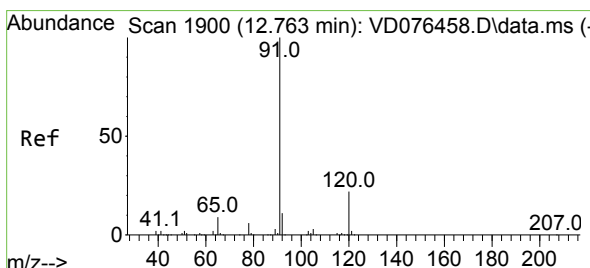
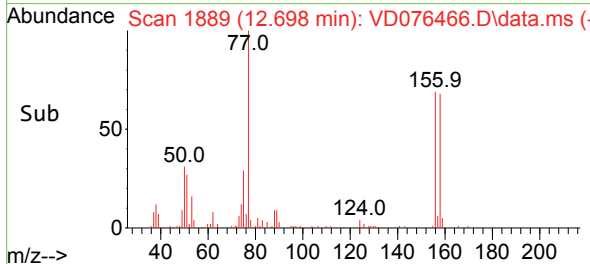
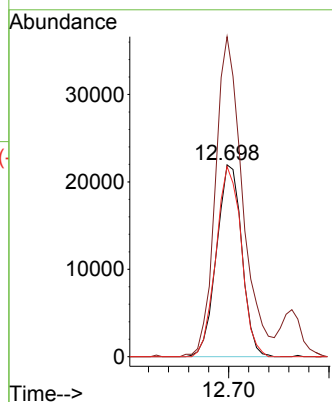
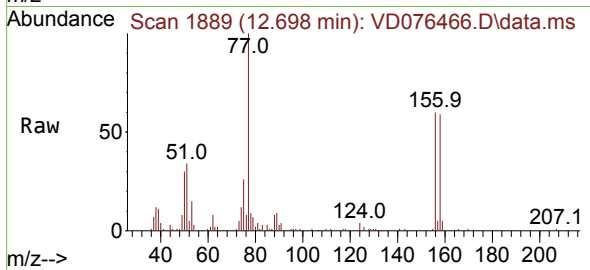
Tgt Ion:156 Resp: 38314

Ion Ratio Lower Upper

156 100

77 179.8 76.8 230.4

158 99.7 48.6 145.9



#78

n-propylbenzene

Concen: 20.408 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076466.D

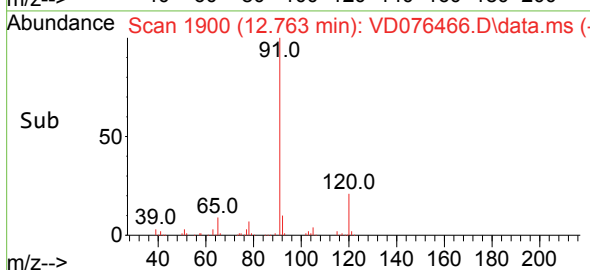
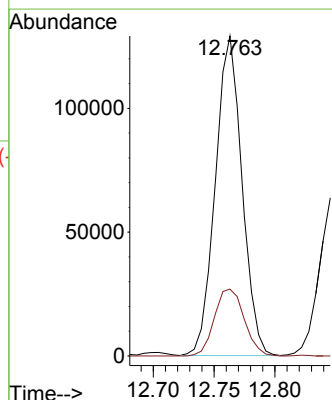
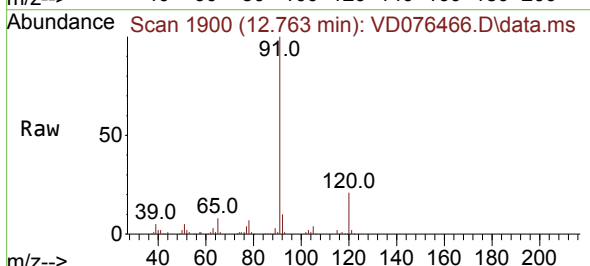
Acq: 19 Jun 2023 13:11

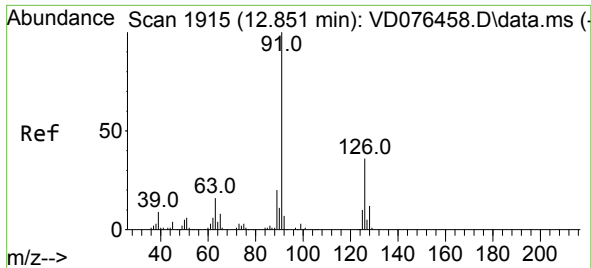
Tgt Ion: 91 Resp: 196677

Ion Ratio Lower Upper

91 100

120 23.4 12.4 37.2

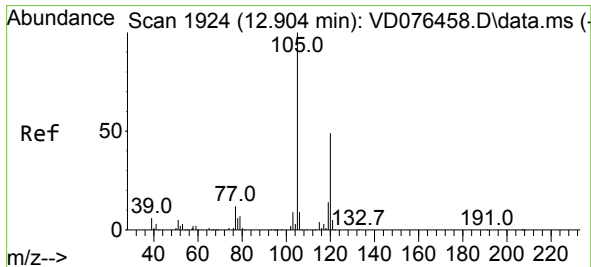
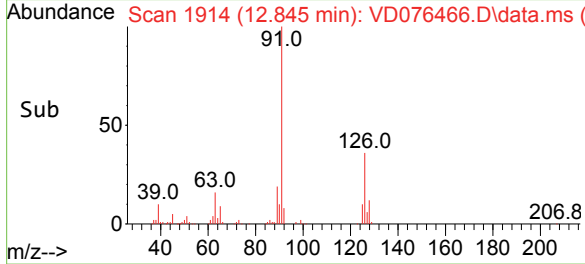
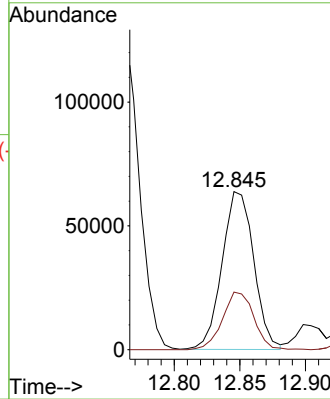
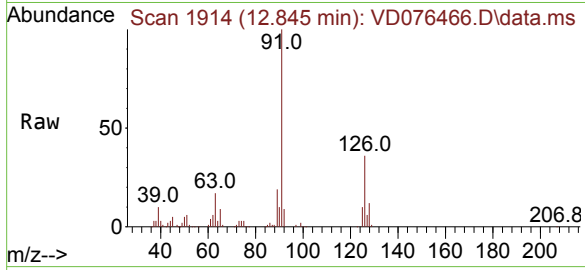




#79
2-Chlorotoluene
Concen: 20.308 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

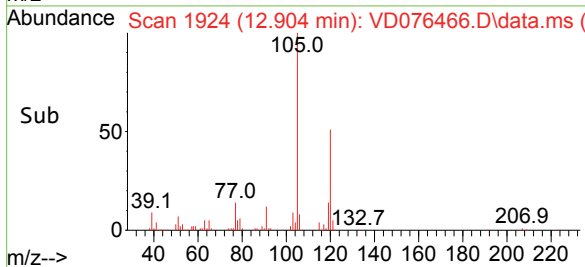
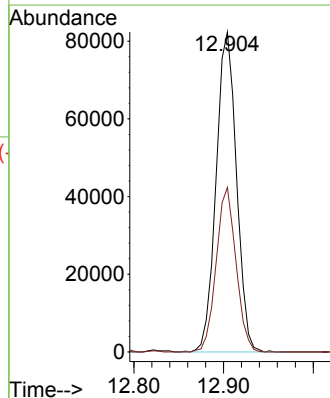
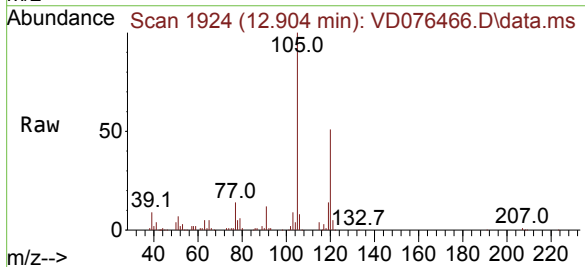
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

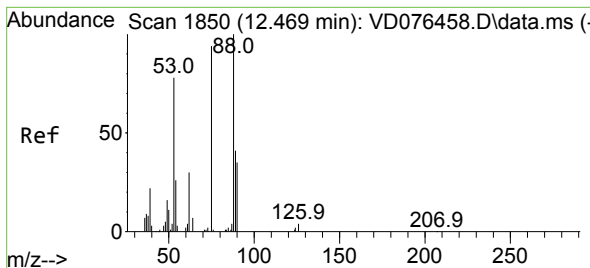
Tgt Ion: 91 Resp: 107472
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.360 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 105 Resp: 129773
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2

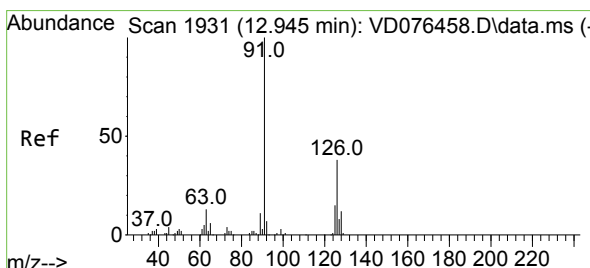
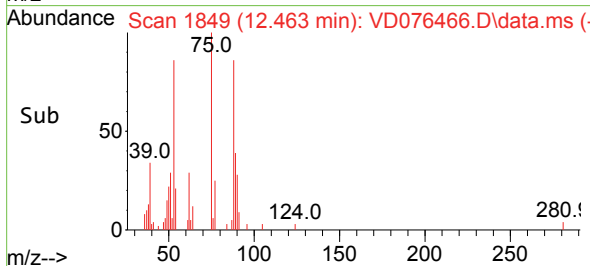
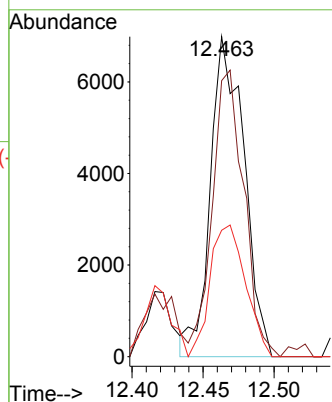
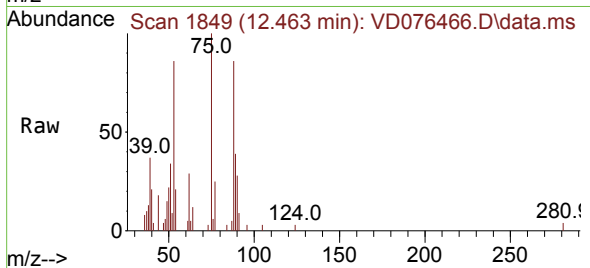




#81
trans-1,4-Dichloro-2-butene
Concen: 21.937 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

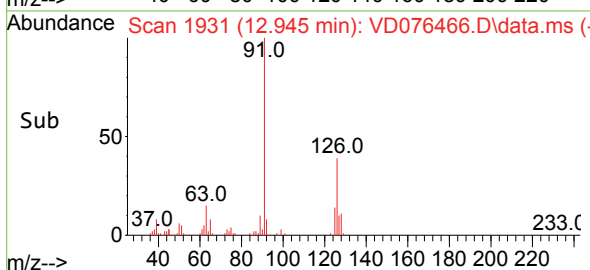
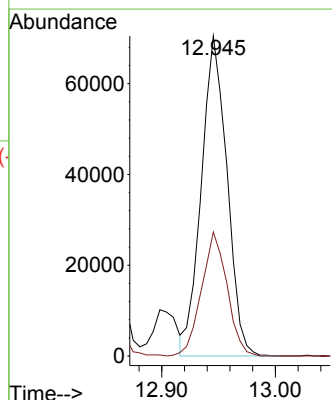
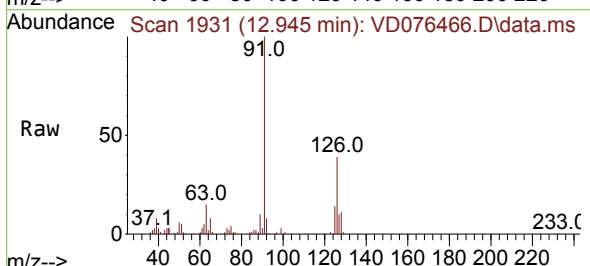
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

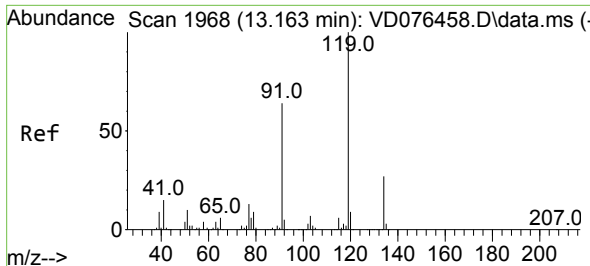
Tgt Ion: 75 Resp: 11518
Ion Ratio Lower Upper
75 100
53 83.5 63.0 94.4
89 43.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.140 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 91 Resp: 110690
Ion Ratio Lower Upper
91 100
126 38.6 19.4 58.4

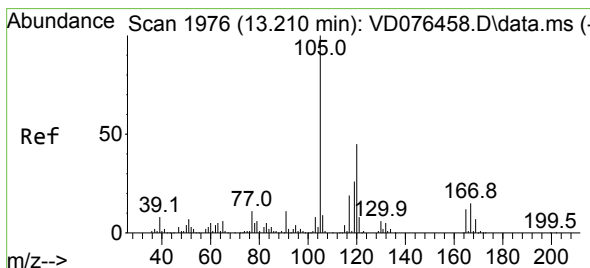
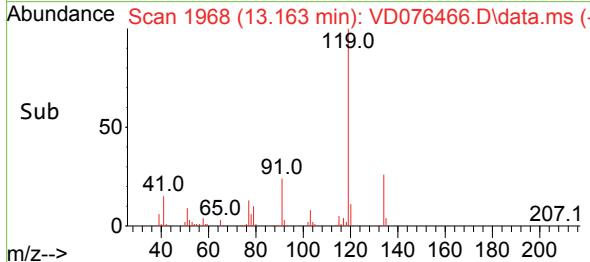
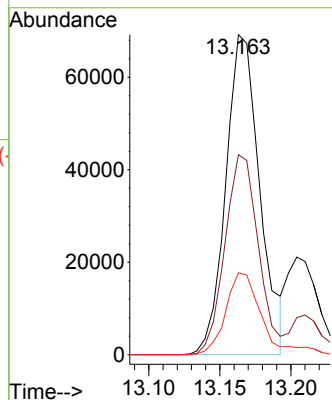
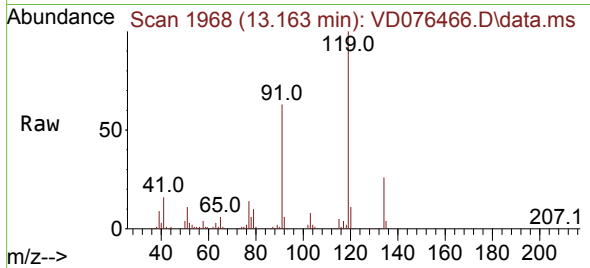




#83
tert-Butylbenzene
Concen: 20.373 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

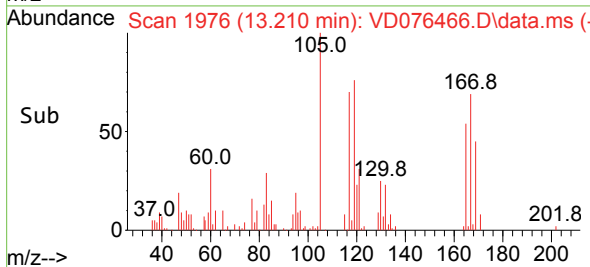
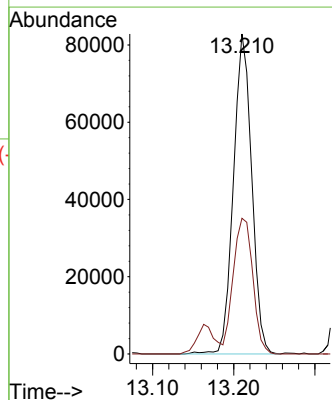
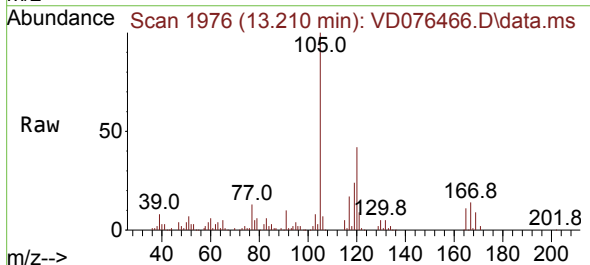
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

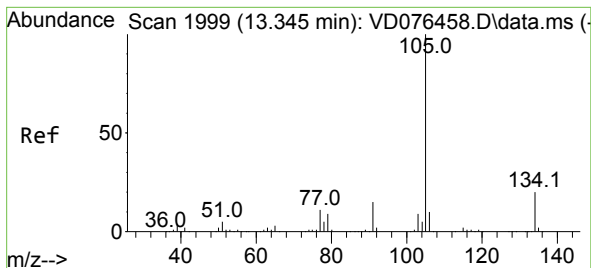
Tgt Ion:119 Resp: 115384
Ion Ratio Lower Upper
119 100
91 61.4 29.3 87.8
134 27.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.113 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion:105 Resp: 129188
Ion Ratio Lower Upper
105 100
120 45.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 20.229 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

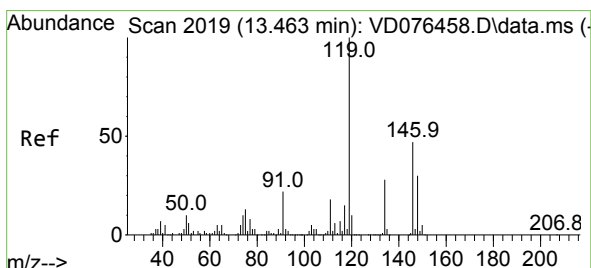
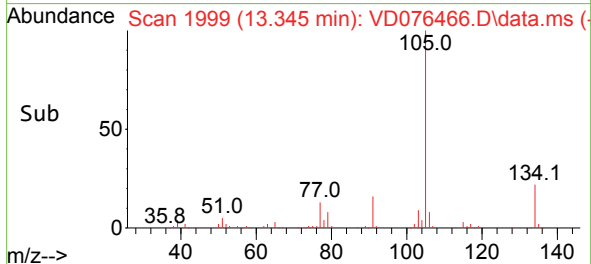
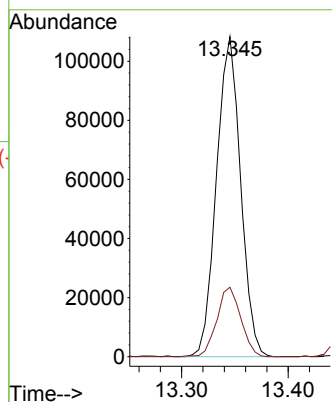
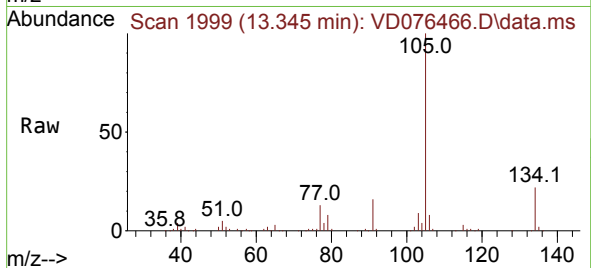
VD0619SBS01

Tgt Ion:105 Resp: 170012

Ion Ratio Lower Upper

105 100

134 21.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 20.187 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

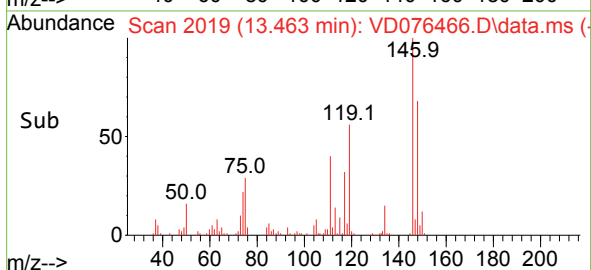
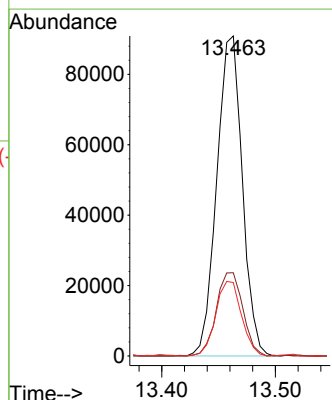
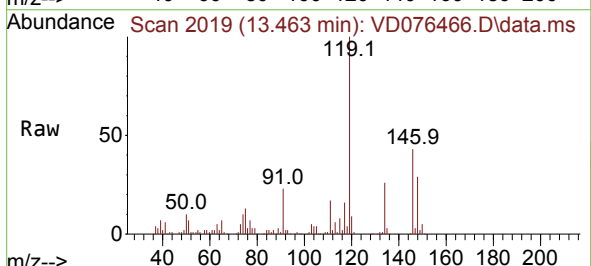
Tgt Ion:119 Resp: 141765

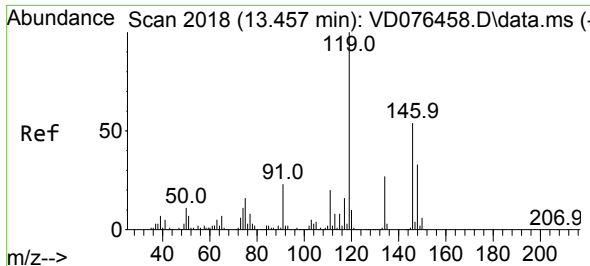
Ion Ratio Lower Upper

119 100

134 27.2 14.2 42.6

91 23.6 10.5 31.5

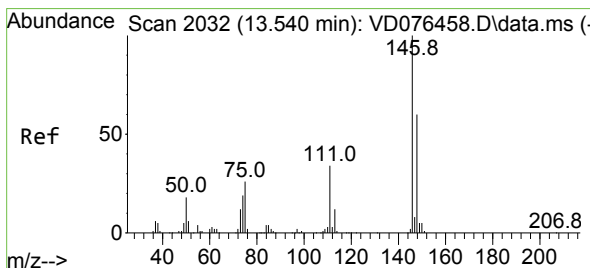
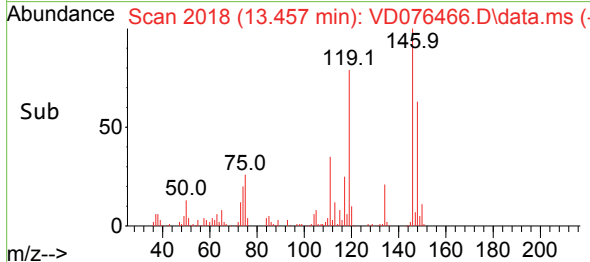
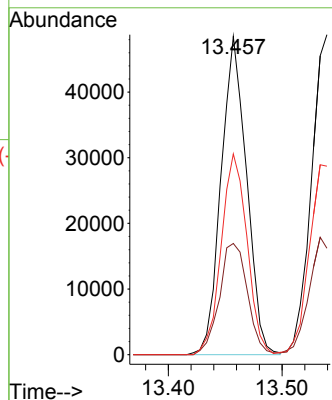
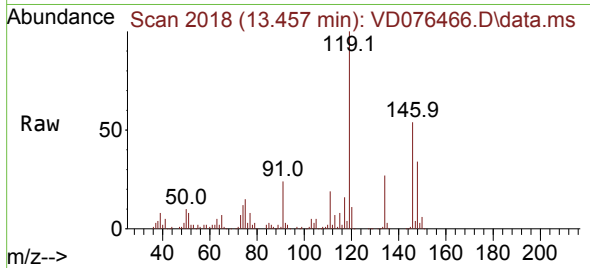




#87
1,3-Dichlorobenzene
Concen: 19.955 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

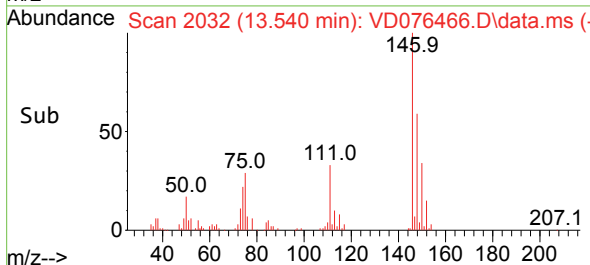
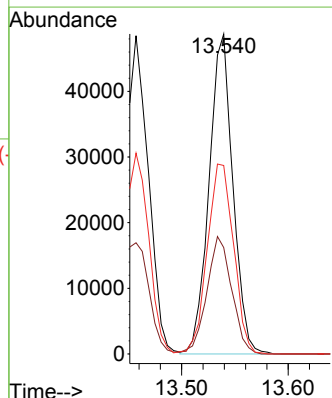
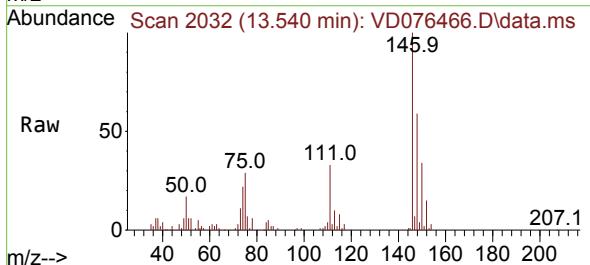
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

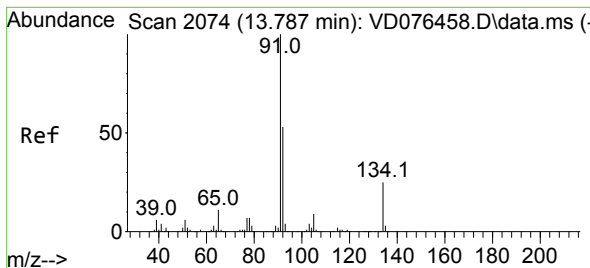
Tgt Ion:146 Resp: 75475
Ion Ratio Lower Upper
146 100
111 38.7 17.9 53.8
148 63.9 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.051 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion:146 Resp: 75638
Ion Ratio Lower Upper
146 100
111 38.4 17.4 52.3
148 65.8 31.7 95.1





#89

n-Butylbenzene

Concen: 20.721 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

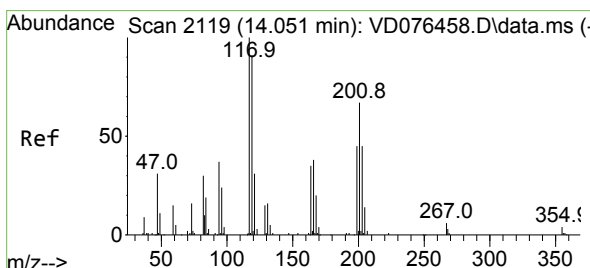
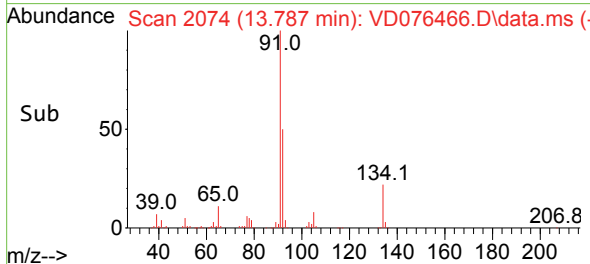
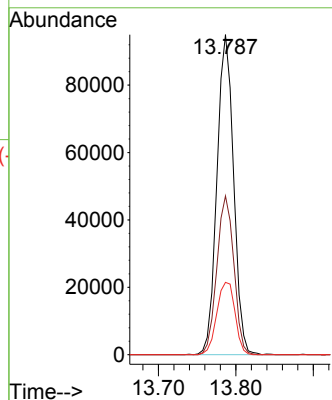
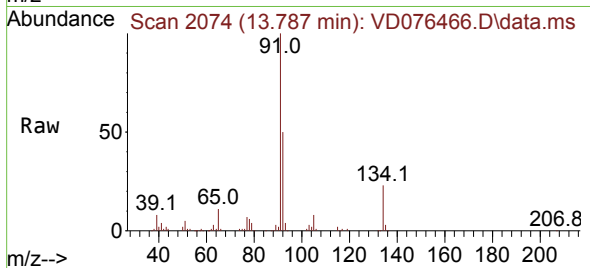
Tgt Ion: 91 Resp: 141936

Ion Ratio Lower Upper

91 100

92 50.6 26.5 79.5

134 24.8 13.8 41.3



#90

Hexachloroethane

Concen: 19.893 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD076466.D

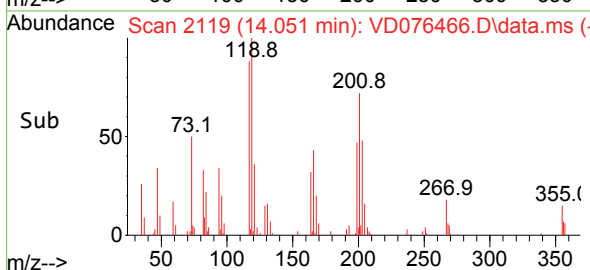
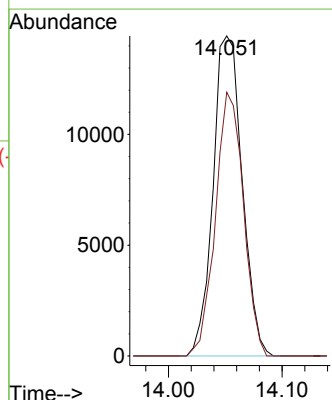
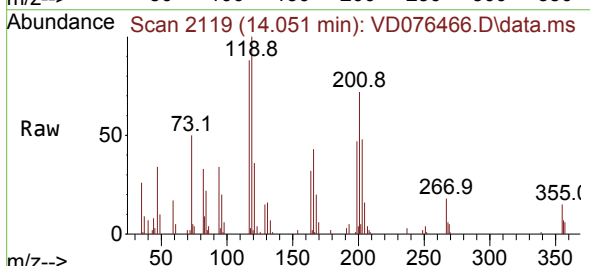
Acq: 19 Jun 2023 13:11

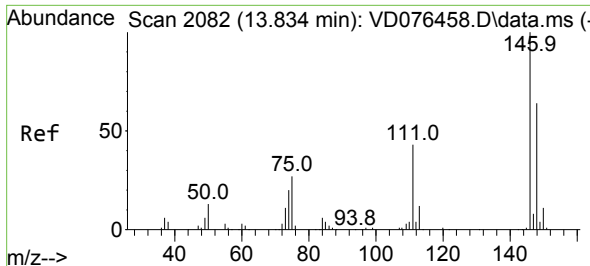
Tgt Ion: 117 Resp: 25780

Ion Ratio Lower Upper

117 100

201 79.1 38.5 115.5

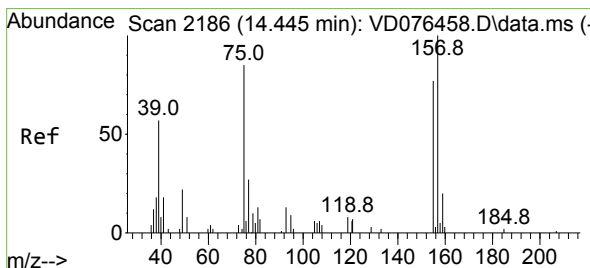
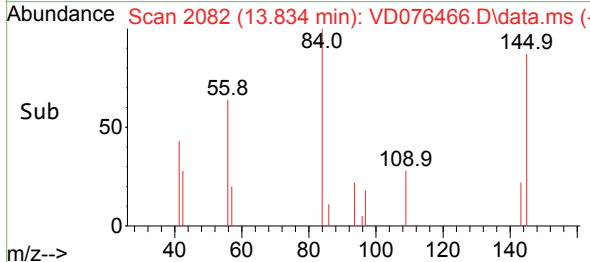
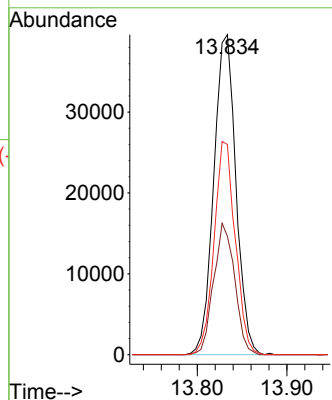
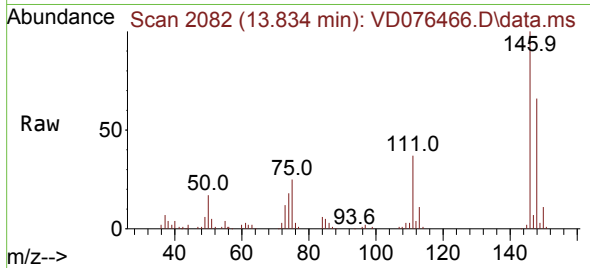




#91
1,2-Dichlorobenzene
Concen: 20.531 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

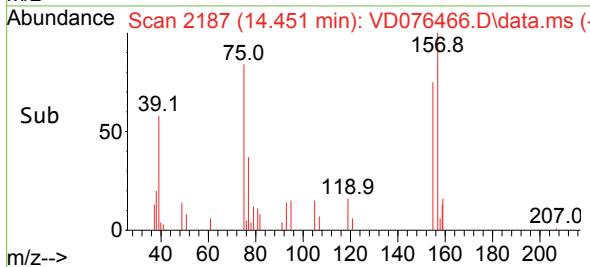
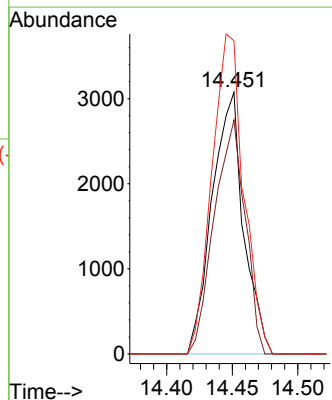
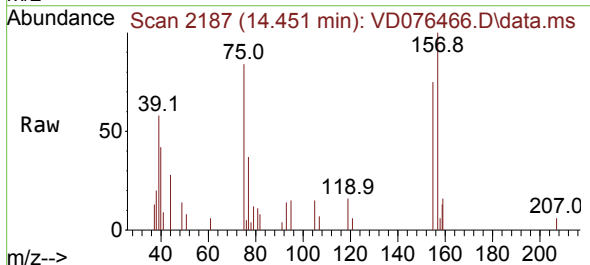
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

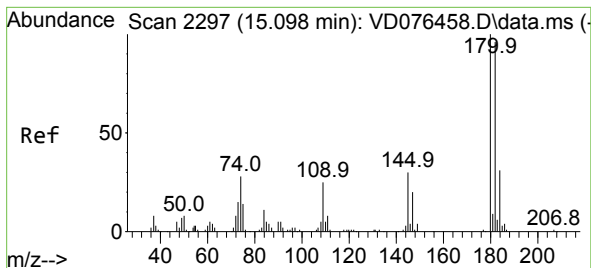
Tgt Ion:146 Resp: 67857
Ion Ratio Lower Upper
146 100
111 39.1 18.3 54.8
148 63.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.166 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 75 Resp: 5131
Ion Ratio Lower Upper
75 100
155 87.6 47.9 143.8
157 123.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.996 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

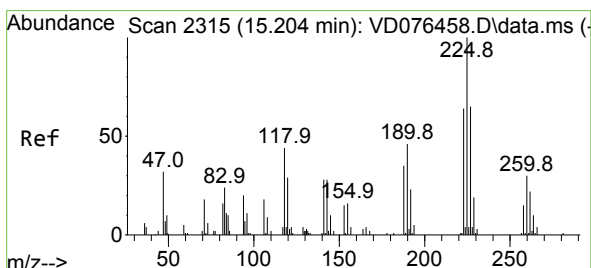
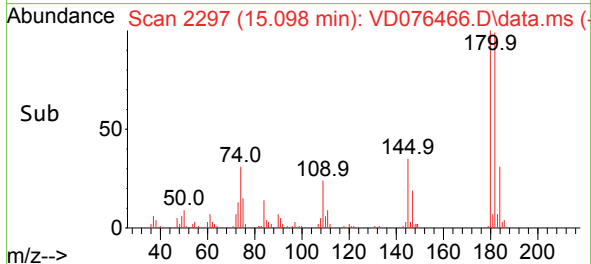
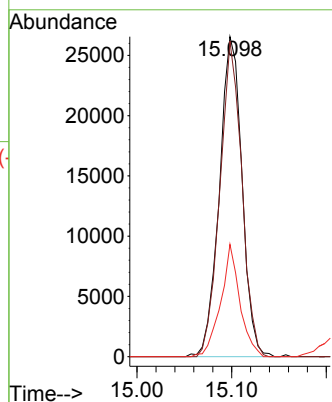
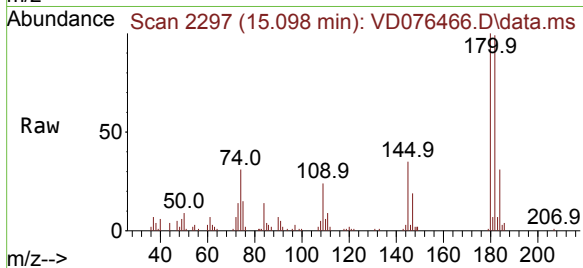
Tgt Ion:180 Resp: 44045

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.6

145 29.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.341 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

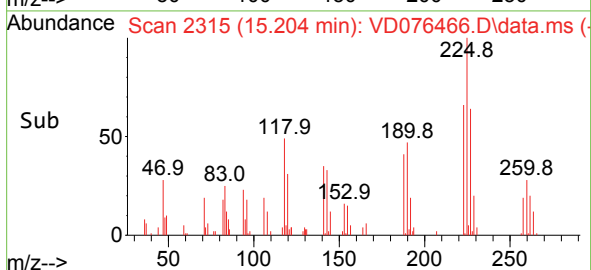
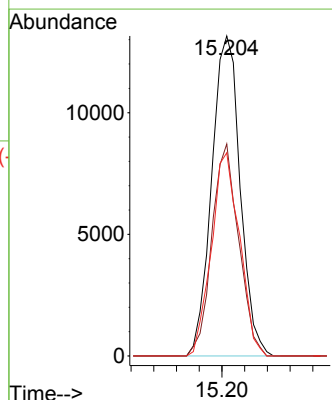
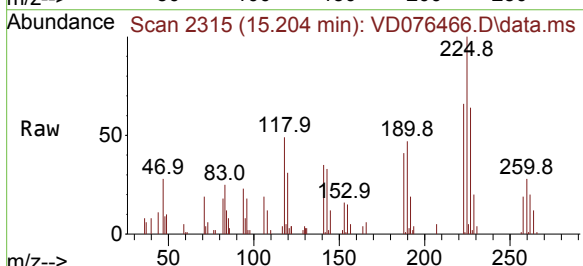
Tgt Ion:225 Resp: 22854

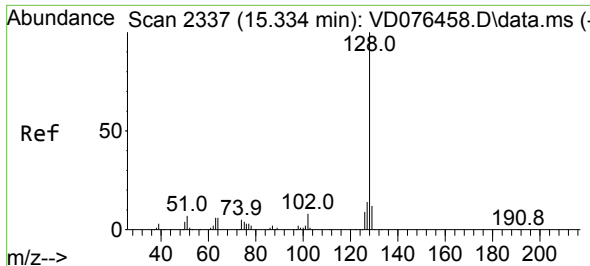
Ion Ratio Lower Upper

225 100

223 62.5 31.6 94.8

227 62.9 31.7 95.1

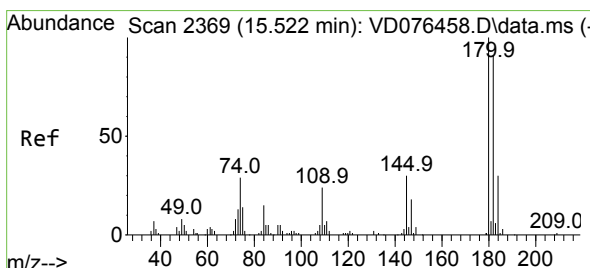
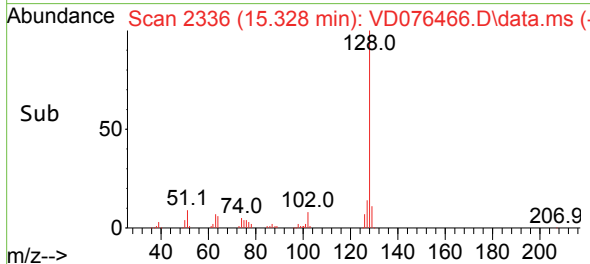
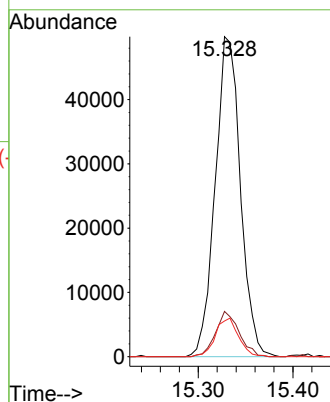
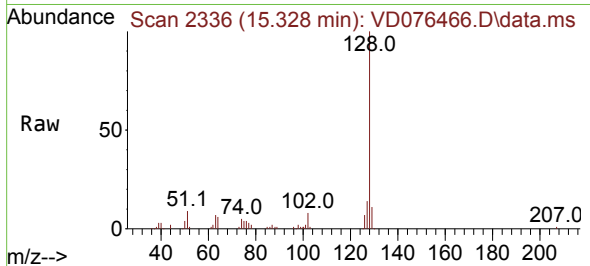




#95
Naphthalene
Concen: 20.934 ug/l
RT: 15.328 min Scan# 2137
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Tgt Ion:128 Resp: 92210
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.698 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion:180 Resp: 37802
Ion Ratio Lower Upper
180 100
182 98.3 47.3 141.9
145 32.0 15.1 45.3

