

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077472.D
 Acq On : 01 Nov 2023 10:09
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 02 00:52:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	266940	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	479171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	420525	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	190627	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	183824	48.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.400%
35) Dibromofluoromethane	7.810	113	159920	48.287	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.580%
50) Toluene-d8	10.269	98	637897	49.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.575	95	202331	46.699	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	102670	47.700	ug/l	98
3) Chloromethane	2.152	50	192557	56.349	ug/l	98
4) Vinyl Chloride	2.287	62	203447	61.053	ug/l	96
5) Bromomethane	2.699	94	107802	61.736	ug/l	99
6) Chloroethane	2.840	64	134450	59.927	ug/l	99
7) Trichlorofluoromethane	3.181	101	234715	50.297	ug/l	100
8) Diethyl Ether	3.599	74	86326	51.462	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	3.969	101	139661	49.575	ug/l	95
10) Methyl Iodide	4.163	142	154739	43.902	ug/l #	89
11) Tert butyl alcohol	5.046	59	67071	224.315	ug/l	98
12) 1,1-Dichloroethene	3.946	96	138217	51.823	ug/l #	65
13) Acrolein	3.799	56	88420	224.247	ug/l	99
14) Allyl chloride	4.563	41	327313	50.872	ug/l #	83
15) Acrylonitrile	5.252	53	232711	256.630	ug/l	97
16) Acetone	4.016	43	266209	266.523	ug/l #	79
17) Carbon Disulfide	4.275	76	410757	49.934	ug/l	96
18) Methyl Acetate	4.563	43	193818	53.198	ug/l #	76
19) Methyl tert-butyl Ether	5.310	73	412521	49.275	ug/l	93
20) Methylene Chloride	4.804	84	179415	47.668	ug/l #	61
21) trans-1,2-Dichloroethene	5.316	96	160294	51.605	ug/l #	72
22) Diisopropyl ether	6.216	45	685403	50.122	ug/l #	89
23) Vinyl Acetate	6.151	43	1718317	291.266	ug/l #	82
24) 1,1-Dichloroethane	6.110	63	351178	49.493	ug/l	93
25) 2-Butanone	7.075	43	330938	248.401	ug/l #	71
26) 2,2-Dichloropropane	7.069	77	296952	47.224	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	190692	49.554	ug/l	70
28) Bromochloromethane	7.422	49	162012	50.349	ug/l #	54
29) Tetrahydrofuran	7.446	42	201474	254.980	ug/l #	70
30) Chloroform	7.593	83	319908	48.287	ug/l	97
31) Cyclohexane	7.875	56	302302	51.231	ug/l #	75
32) 1,1,1-Trichloroethane	7.798	97	270382	49.534	ug/l	94
36) 1,1-Dichloropropene	8.010	75	251873	51.294	ug/l	91
37) Ethyl Acetate	7.163	43	140255	49.772	ug/l #	89
38) Carbon Tetrachloride	7.993	117	227522	49.171	ug/l	97
39) Methylcyclohexane	9.275	83	290496	51.850	ug/l #	82
40) Benzene	8.251	78	698468	49.884	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	85164	47.232	ug/l #	72
42) 1,2-Dichloroethane	8.328	62	211449	47.680	ug/l	90
43) Isopropyl Acetate	8.357	43	288210	49.561	ug/l #	80
44) Trichloroethene	9.028	130	164257	47.891	ug/l	85
45) 1,2-Dichloropropane	9.304	63	206330	50.053	ug/l	100
46) Dibromomethane	9.392	93	92232	46.493	ug/l	90
47) Bromodichloromethane	9.587	83	248733	47.437	ug/l	98
48) Methyl methacrylate	9.381	41	137810	49.646	ug/l #	63
49) 1,4-Dioxane	9.387	88	20786	975.108	ug/l #	65
51) 4-Methyl-2-Pentanone	10.157	43	703875	245.907	ug/l #	81
52) Toluene	10.334	92	417751	48.941	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	269628	48.562	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	308494	48.283	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	126143	47.660	ug/l	91
56) Ethyl methacrylate	10.598	69	191603	48.689	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	239458	48.404	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	486897	247.144	ug/l #	84
59) 2-Hexanone	10.922	43	515925	244.676	ug/l	78
60) Dibromochloromethane	11.075	129	148501	46.661	ug/l	95
61) 1,2-Dibromoethane	11.181	107	116153	46.342	ug/l	99
64) Tetrachloroethene	10.810	164	126957	47.419	ug/l	93
65) Chlorobenzene	11.610	112	420957	47.782	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	153544	46.120	ug/l	98
67) Ethyl Benzene	11.686	91	831494	49.052	ug/l	95
68) m/p-Xylenes	11.798	106	599122	97.876	ug/l	80
69) o-Xylene	12.122	106	289041	49.297	ug/l	82
70) Styrene	12.134	104	484219	47.872	ug/l #	90
71) Bromoform	12.304	173	84995	46.050	ug/l #	96
73) Isopropylbenzene	12.422	105	768951	49.476	ug/l	94
74) N-amyl acetate	12.233	43	265780	48.279	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	148961	48.895	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	199186	85.852	ug/l #	100
77) Bromobenzene	12.704	156	156583	45.771	ug/l	66
78) n-propylbenzene	12.763	91	966029	48.952	ug/l	92
79) 2-Chlorotoluene	12.851	91	531323	47.552	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	626582	48.047	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	55346	46.079	ug/l #	84
82) 4-Chlorotoluene	12.951	91	547651	47.054	ug/l	88
83) tert-Butylbenzene	13.169	119	523370	47.733	ug/l	88
84) 1,2,4-Trimethylbenzene	13.216	105	623083	48.098	ug/l	93
85) sec-Butylbenzene	13.345	105	825850	49.228	ug/l	93
86) p-Isopropyltoluene	13.463	119	661390	48.503	ug/l	93
87) 1,3-Dichlorobenzene	13.463	146	315138	46.864	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	313480	46.659	ug/l	95
89) n-Butylbenzene	13.792	91	693818	48.954	ug/l	96
90) Hexachloroethane	14.057	117	132424	47.457	ug/l	91
91) 1,2-Dichlorobenzene	13.833	146	274952	46.525	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	24529	47.792	ug/l	76
93) 1,2,4-Trichlorobenzene	15.104	180	186300	45.888	ug/l	96
94) Hexachlorobutadiene	15.204	225	101844	46.506	ug/l	99
95) Naphthalene	15.333	128	369583	47.720	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	161965	46.217	ug/l	99

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Response via : Initial Calibration

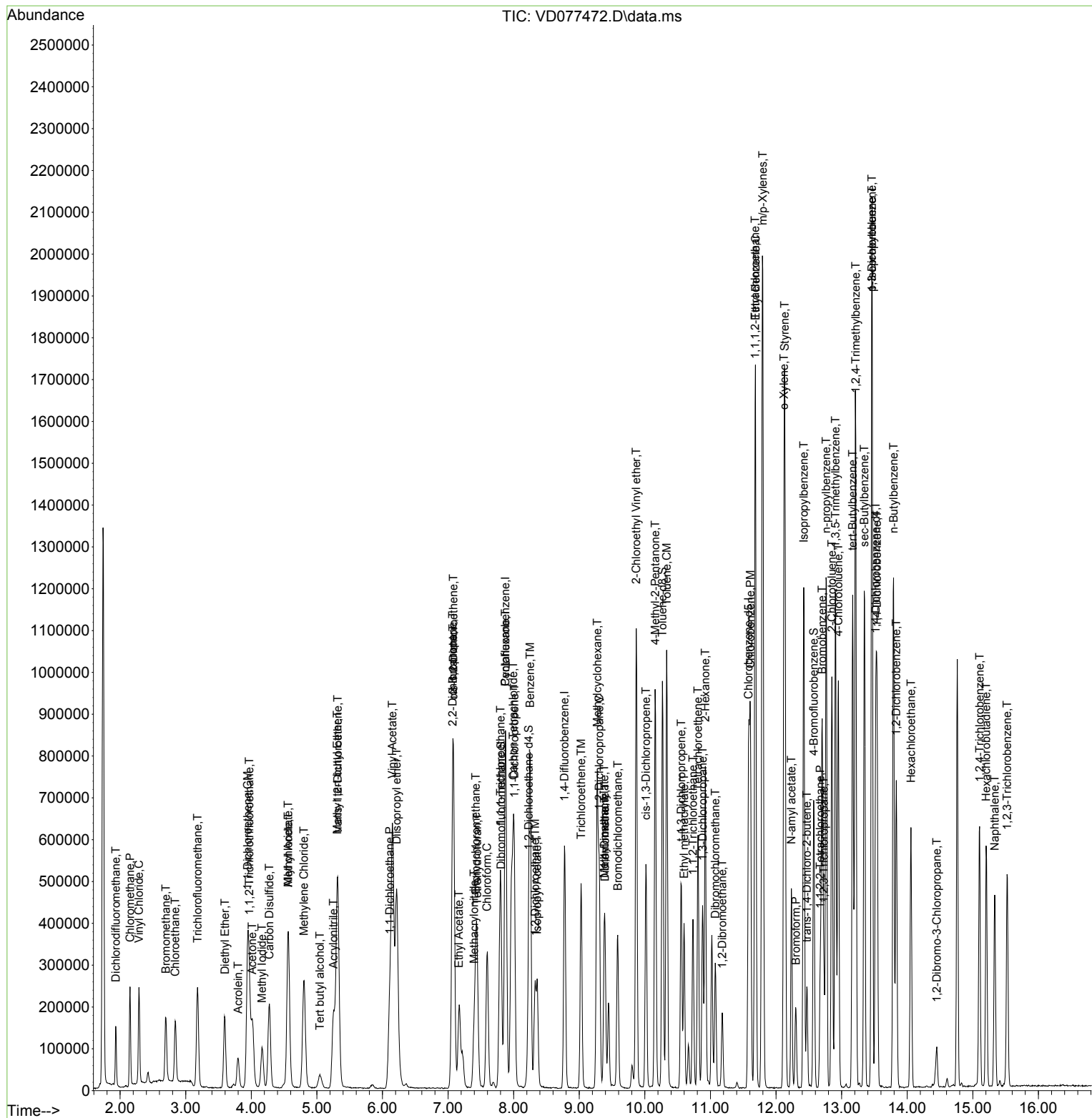
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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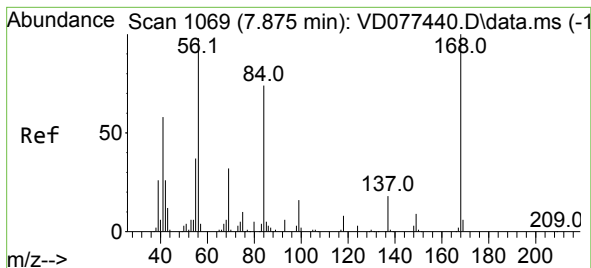
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

Instrument :

MSVOA_D

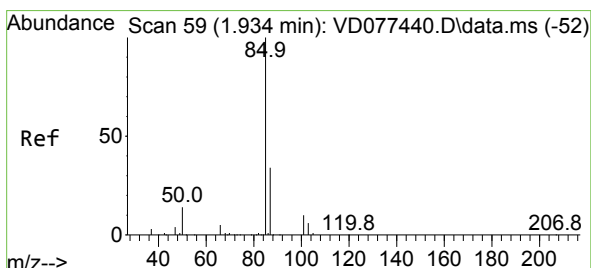
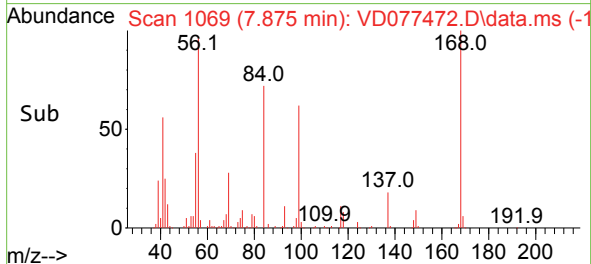
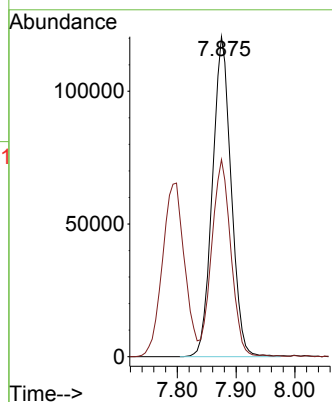
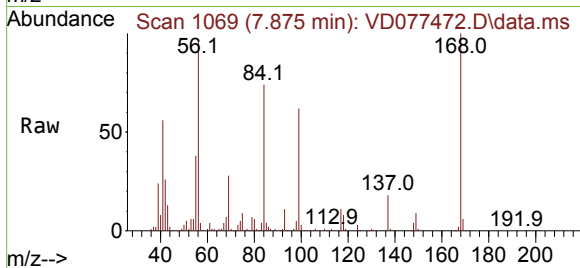
ClientSampleId :

Tgt Ion:168 Resp: 266940

Ion Ratio Lower Upper

168 100

99 61.4 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 47.700 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD077472.D

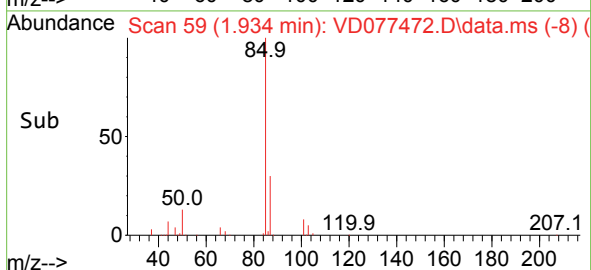
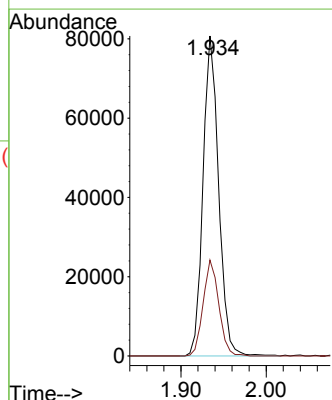
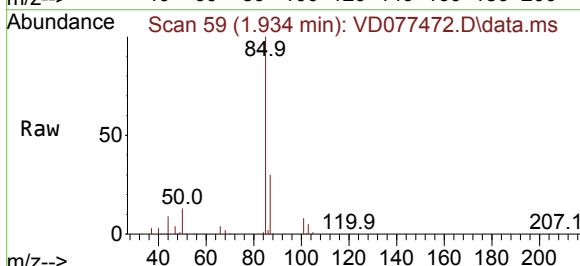
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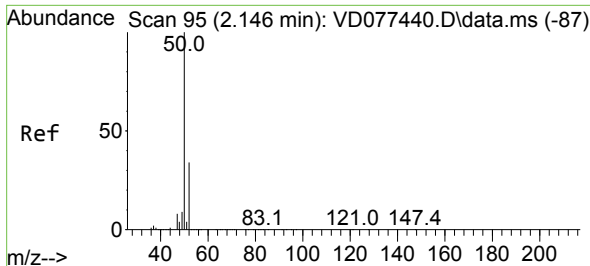
Tgt Ion: 85 Resp: 102670

Ion Ratio Lower Upper

85 100

87 29.9 15.7 47.0

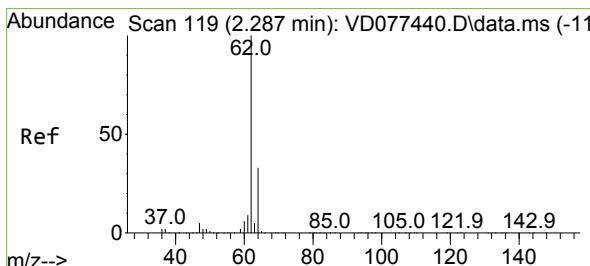
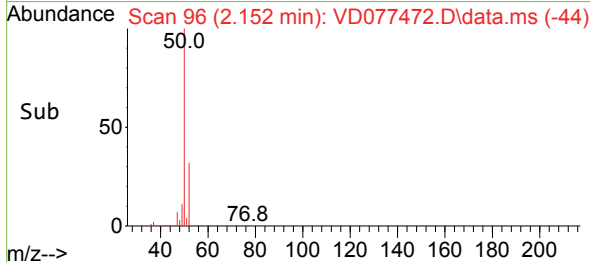
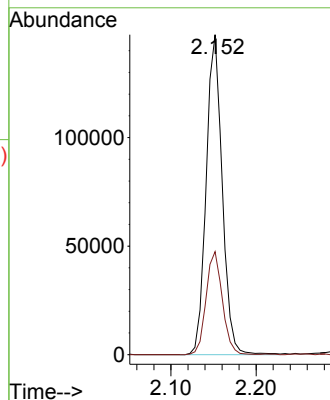
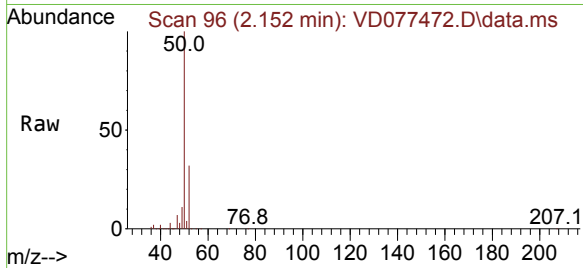




#3
Chloromethane
Concen: 56.349 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

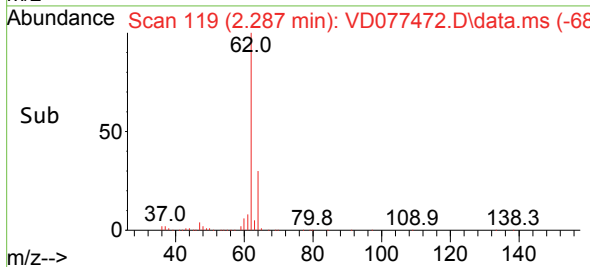
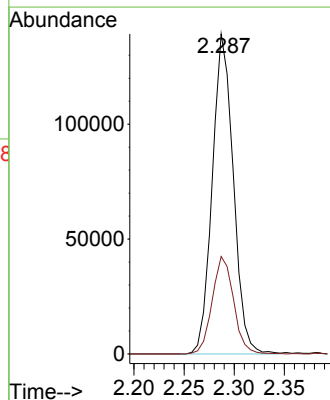
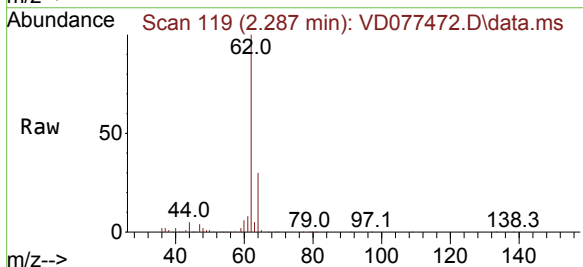
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 192557
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0



#4
Vinyl Chloride
Concen: 61.053 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 62 Resp: 203447
Ion Ratio Lower Upper
62 100
64 30.5 26.0 39.0

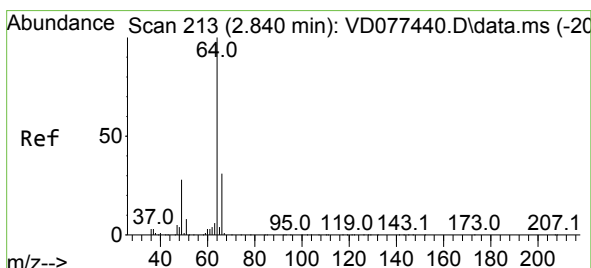
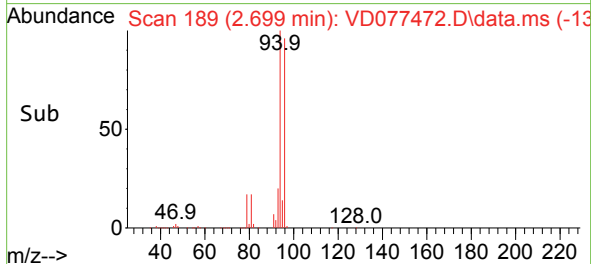
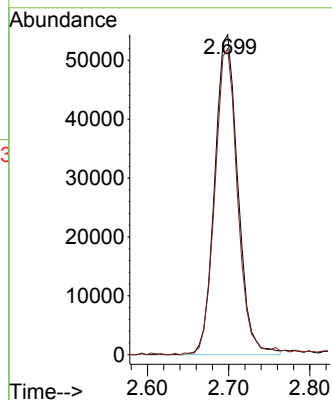
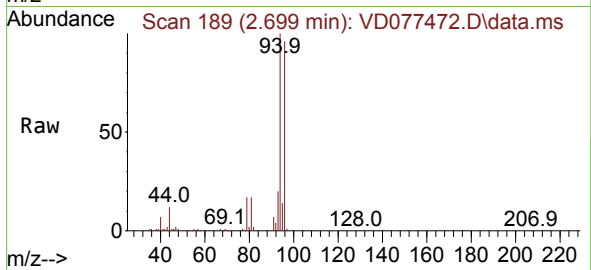




#5
Bromomethane
Concen: 61.736 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

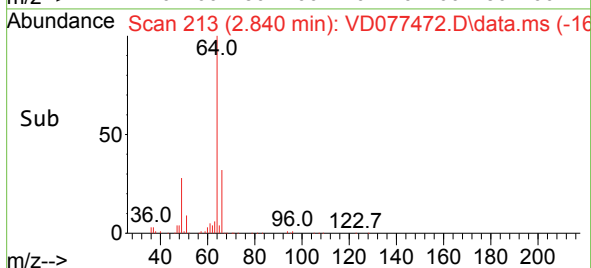
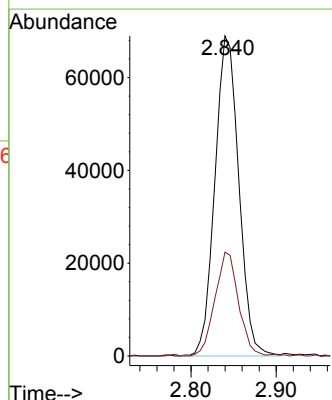
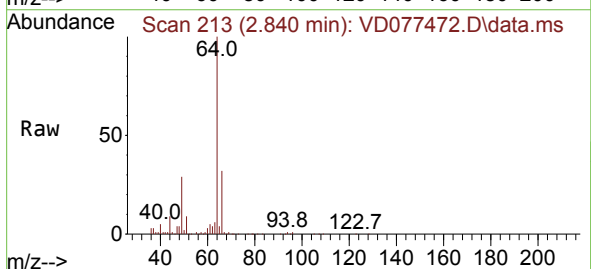
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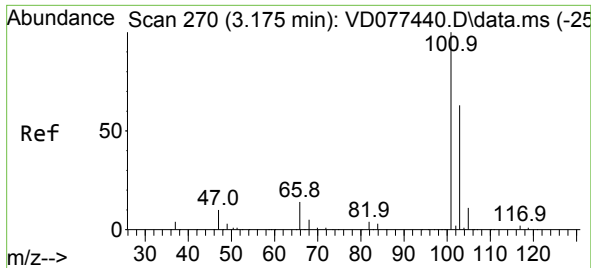
Tgt Ion: 94 Resp: 107802
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8



#6
Chloroethane
Concen: 59.927 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 64 Resp: 134450
Ion Ratio Lower Upper
64 100
66 32.5 25.5 38.3

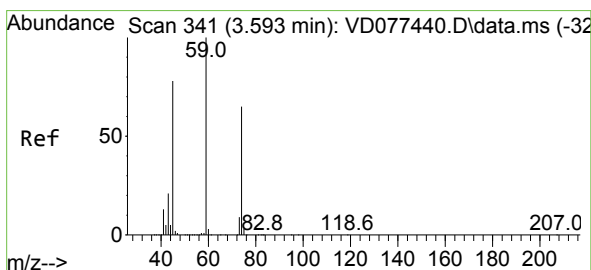
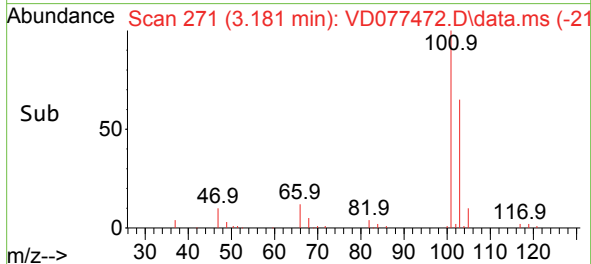
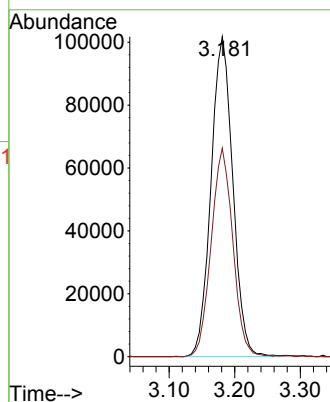
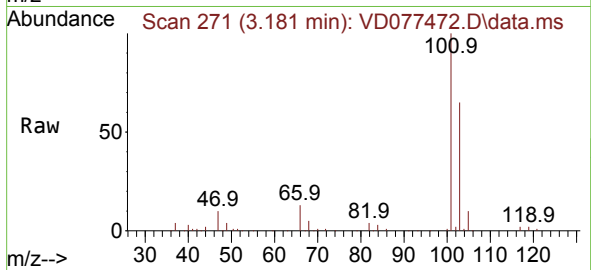




#7
Trichlorofluoromethane
Concen: 50.297 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

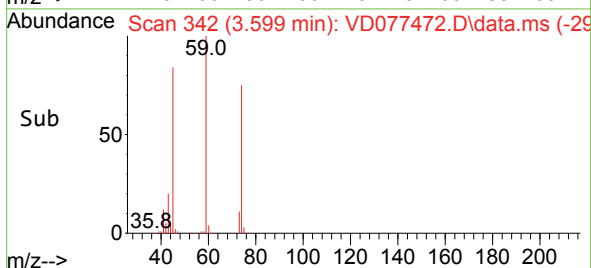
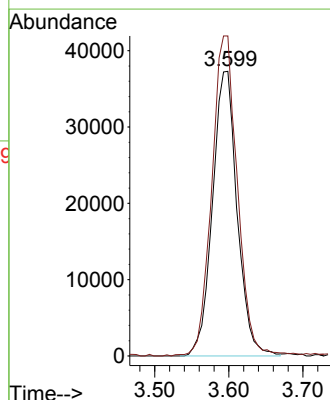
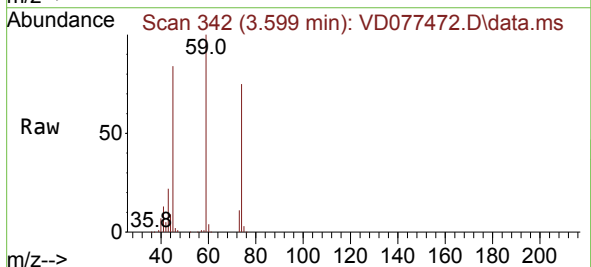
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 234715
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5



#8
Diethyl Ether
Concen: 51.462 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 74 Resp: 86326
Ion Ratio Lower Upper
74 100
45 117.2 37.5 112.7#

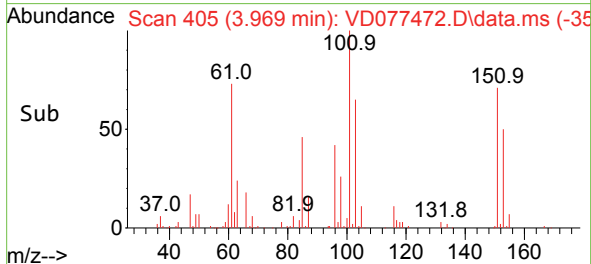
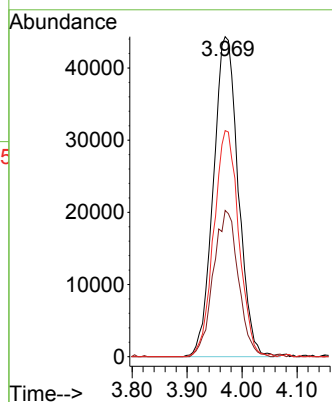
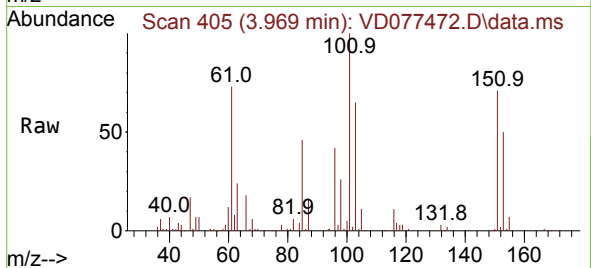




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.575 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077472.D
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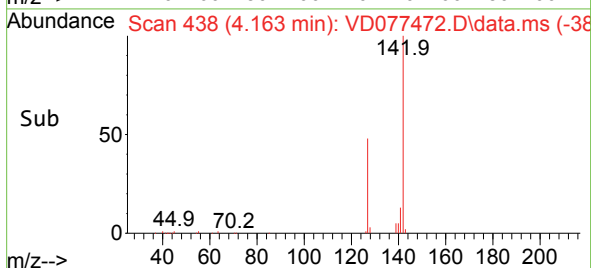
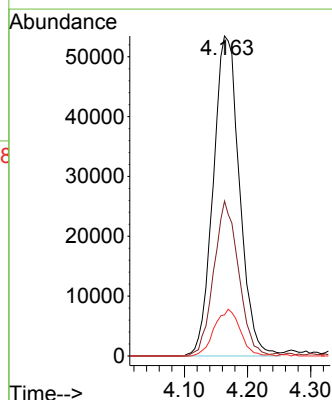
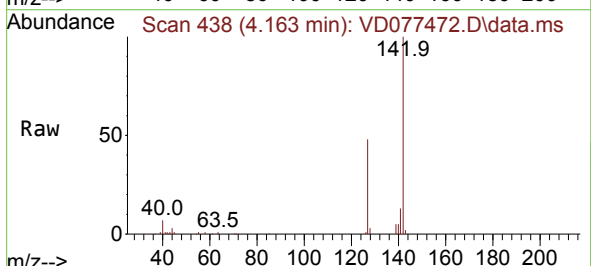
Instrument :
MSVOA_D
ClientSampleId :

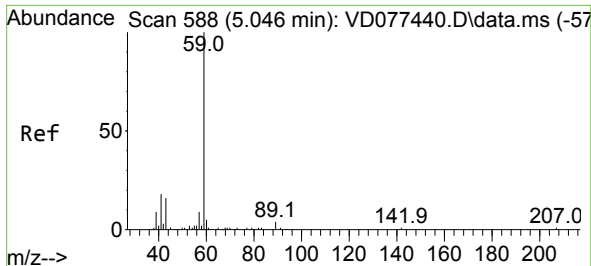
Tgt Ion:101 Resp: 139661
Ion Ratio Lower Upper
101 100
85 46.0 33.8 50.6
151 70.8 59.8 89.6



#10
Methyl Iodide
Concen: 43.902 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion:142 Resp: 154739
Ion Ratio Lower Upper
142 100
127 45.6 29.4 44.0#
141 14.4 11.1 16.7

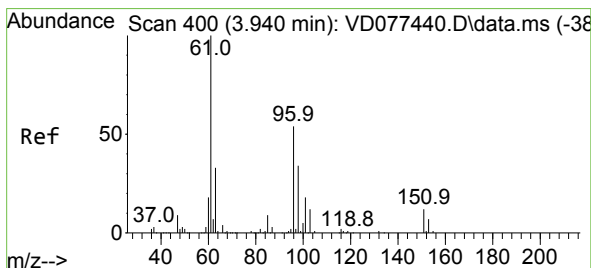
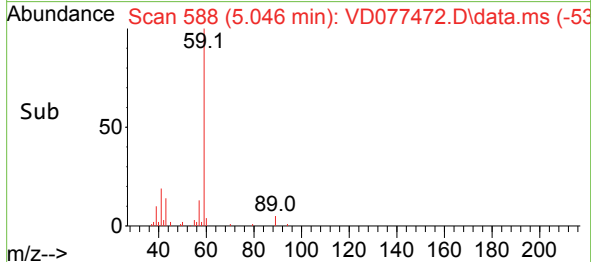
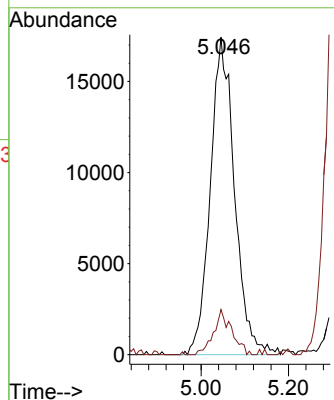
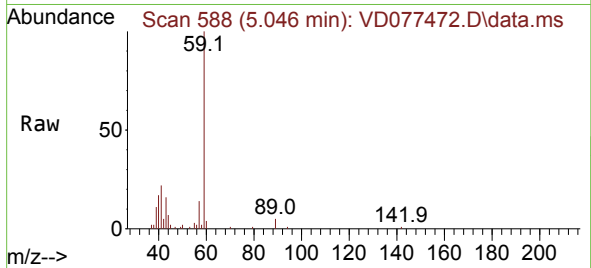




#11
Tert butyl alcohol
Concen: 224.315 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

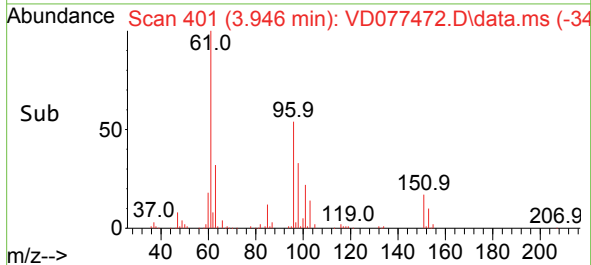
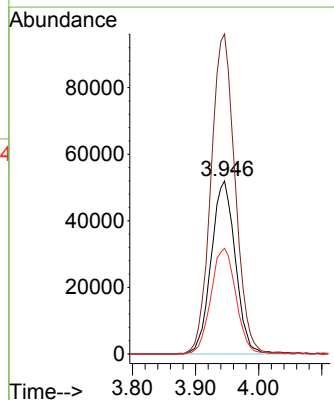
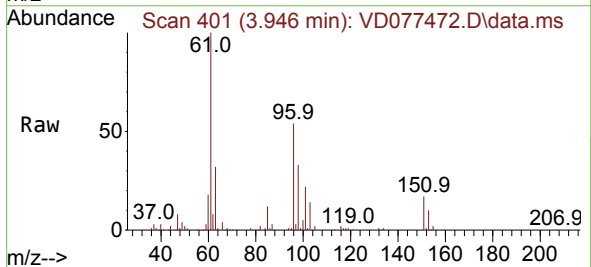
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 67071
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 51.823 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 96 Resp: 138217
Ion Ratio Lower Upper
96 100
61 184.5 100.6 150.8#
98 61.0 50.2 75.2

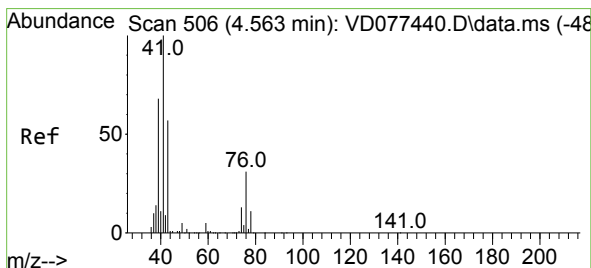
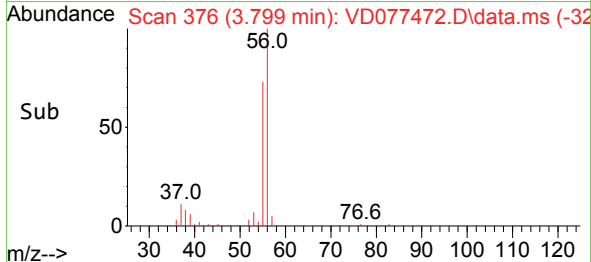
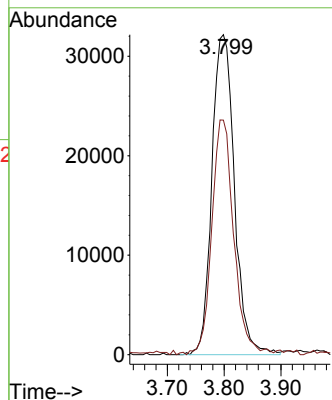
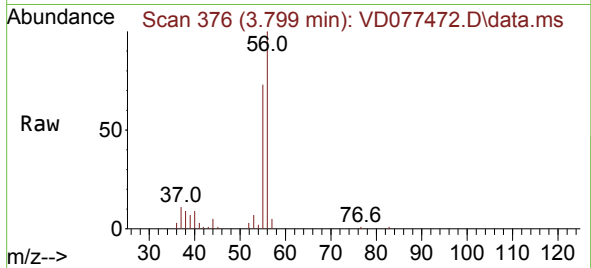




#13
Acrolein
Concen: 224.247 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

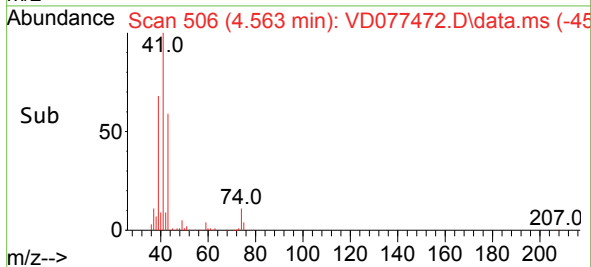
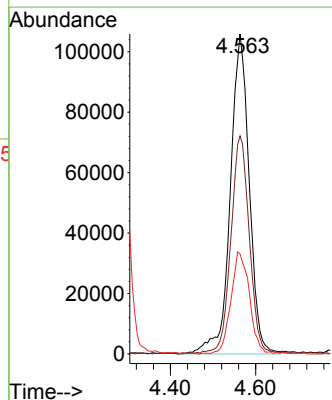
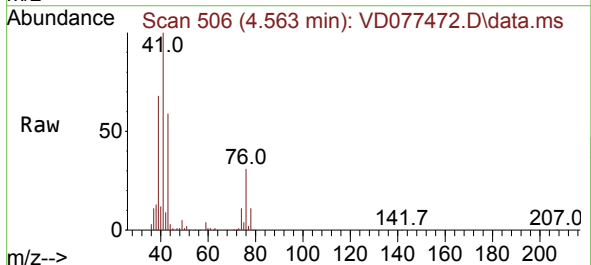
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 88420
Ion Ratio Lower Upper
56 100
55 69.7 55.1 82.7



#14
Allyl chloride
Concen: 50.872 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 41 Resp: 327313
Ion Ratio Lower Upper
41 100
39 66.7 53.8 80.6
76 31.2 45.8 68.8#

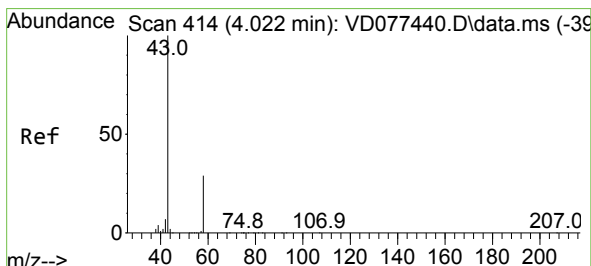
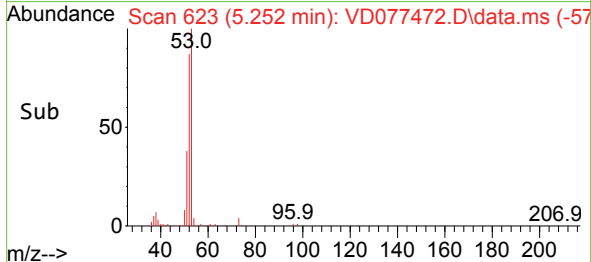
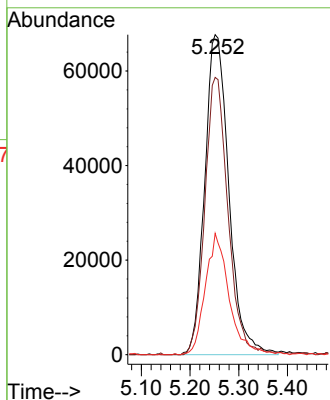
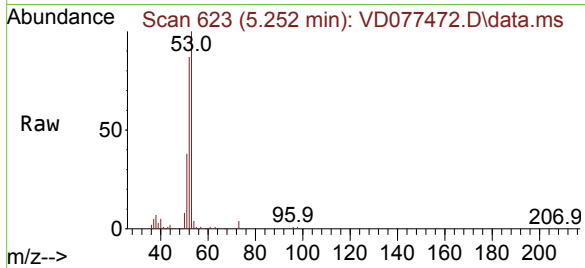




#15
Acrylonitrile
Concen: 256.630 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

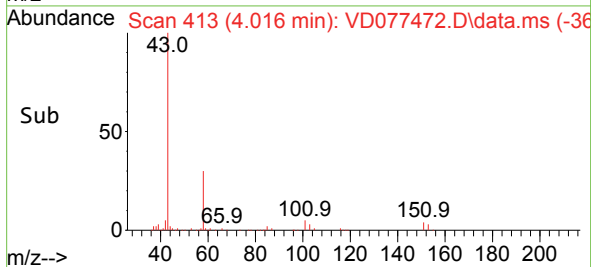
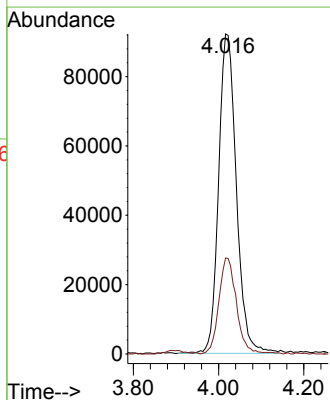
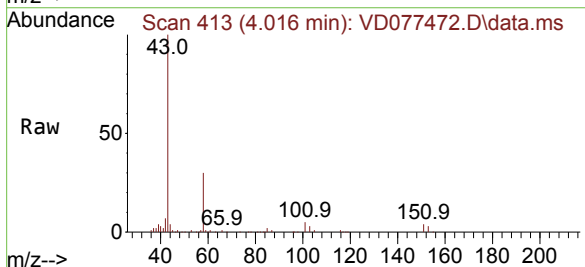
Instrument :
MSVOA_D
ClientSampleId :

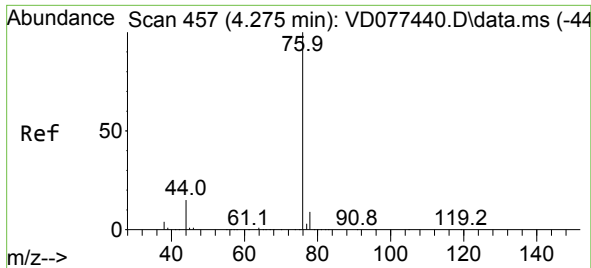
Tgt Ion: 53 Resp: 232711
Ion Ratio Lower Upper
53 100
52 83.4 65.0 97.4
51 37.2 28.3 42.5



#16
Acetone
Concen: 266.523 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 43 Resp: 266209
Ion Ratio Lower Upper
43 100
58 29.7 34.7 52.1#

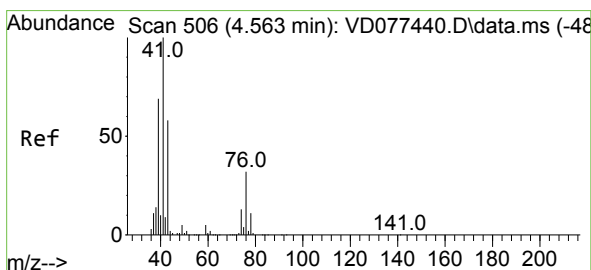
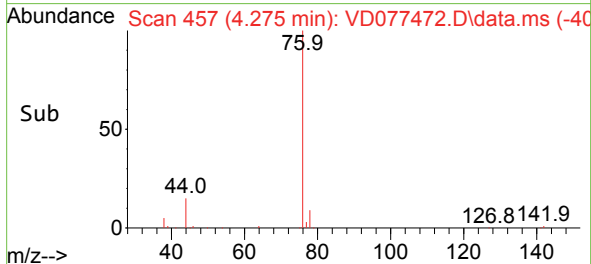
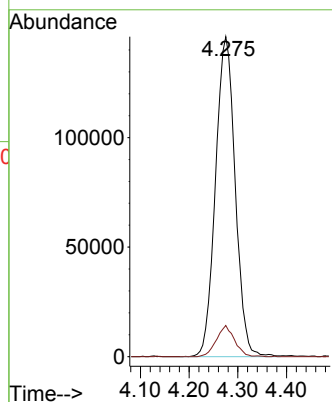
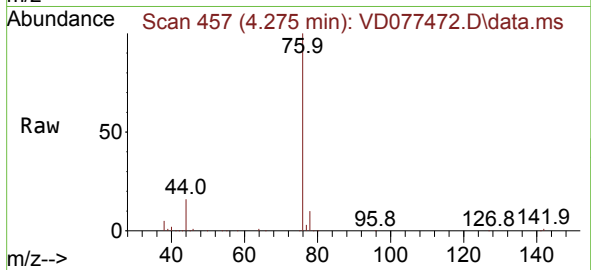




#17
Carbon Disulfide
Concen: 49.934 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

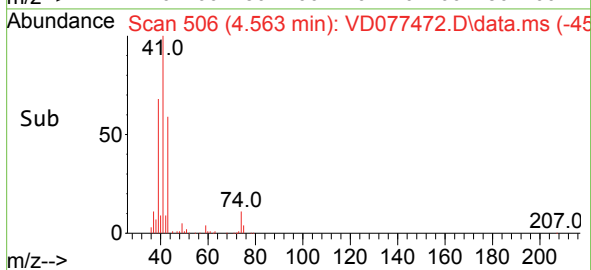
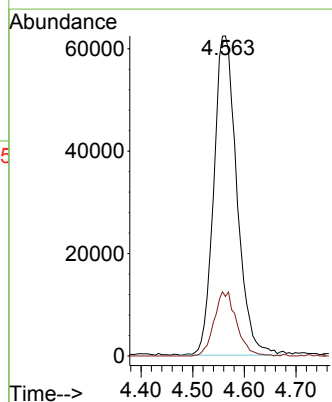
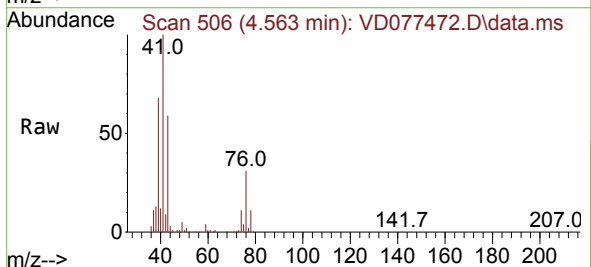
Instrument :
MSVOA_D
ClientSampleId :

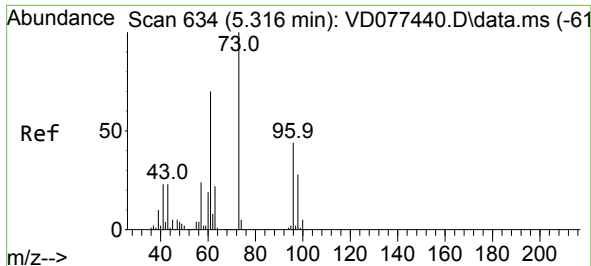
Tgt Ion: 76 Resp: 410757
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 53.198 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 43 Resp: 193818
Ion Ratio Lower Upper
43 100
74 19.6 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 49.275 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

Instrument :

MSVOA_D

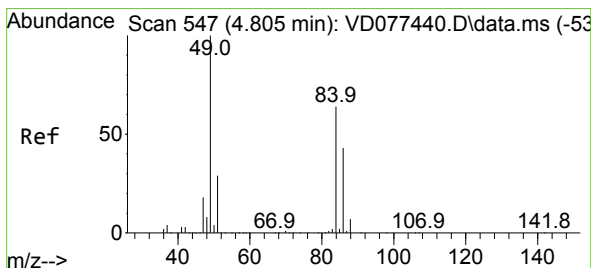
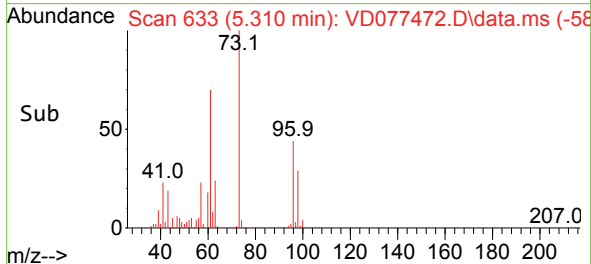
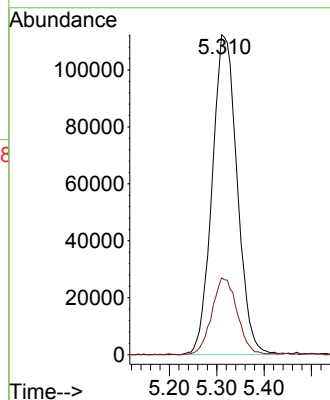
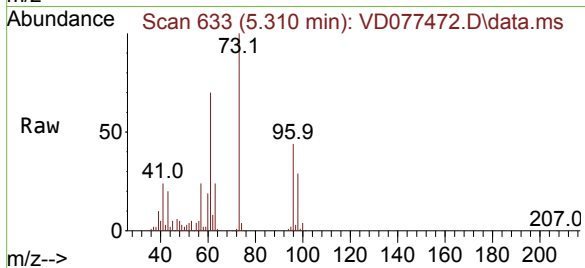
ClientSampleId :

Tgt Ion: 73 Resp: 412521

Ion Ratio Lower Upper

73 100

57 24.0 16.6 25.0



#20

Methylene Chloride

Concen: 47.668 ug/l

RT: 4.804 min Scan# 547

Delta R.T. -0.001 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

Tgt Ion: 84 Resp: 179415

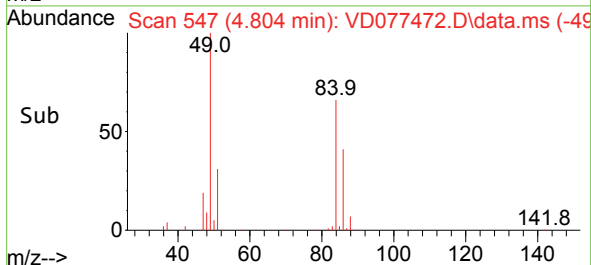
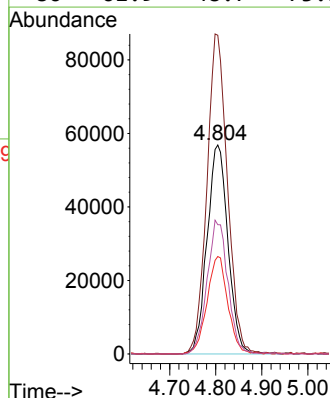
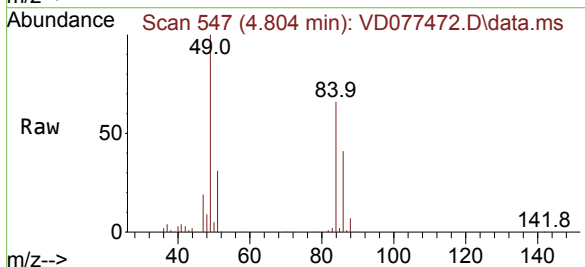
Ion Ratio Lower Upper

84 100

49 152.2 71.4 107.2#

51 46.6 24.5 36.7#

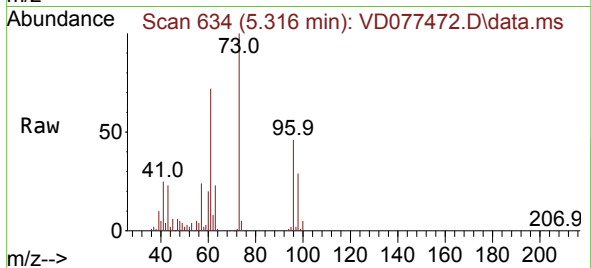
86 61.9 48.7 73.1



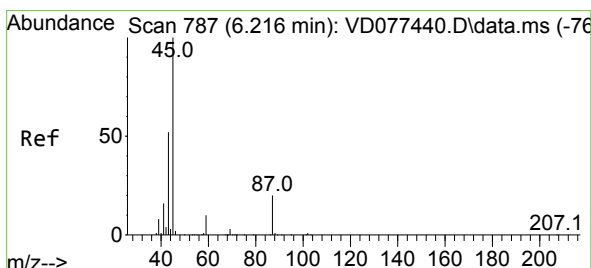
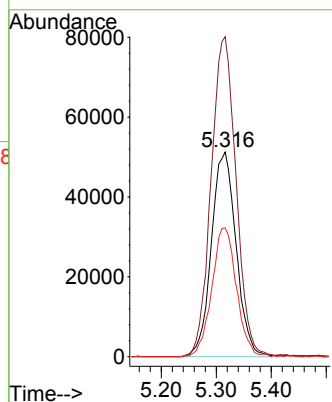
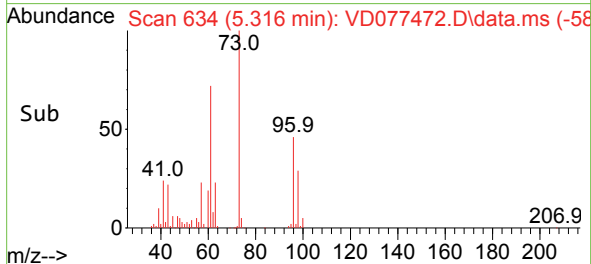


#21
trans-1,2-Dichloroethene
Concen: 51.605 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Instrument :
MSVOA_D
ClientSampleId :

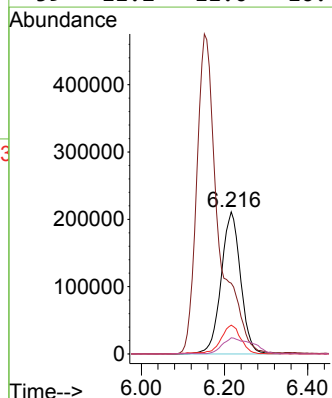
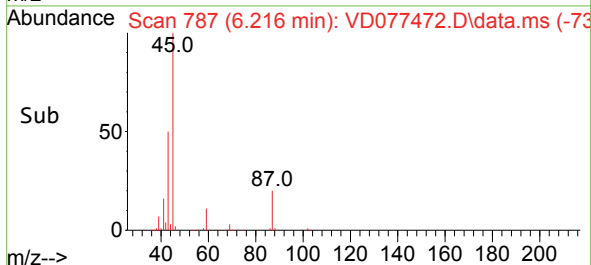
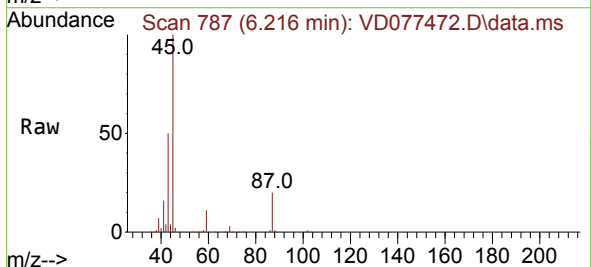


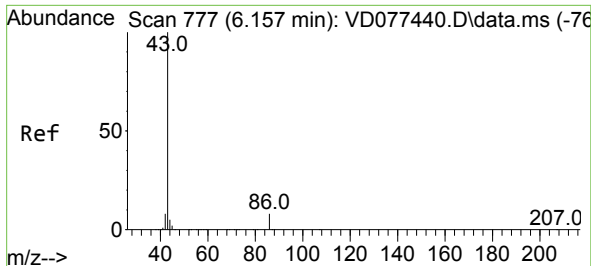
Tgt Ion: 96 Resp: 160294
Ion Ratio Lower Upper
96 100
61 156.4 89.3 133.9#
98 63.0 48.6 73.0



#22
Diisopropyl ether
Concen: 50.122 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

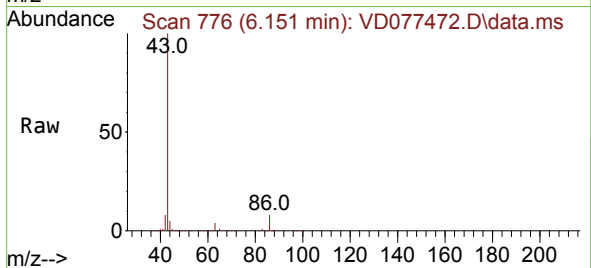
Tgt Ion: 45 Resp: 685403
Ion Ratio Lower Upper
45 100
43 49.0 40.0 60.0
87 20.2 28.2 42.4#
59 11.2 11.0 16.4



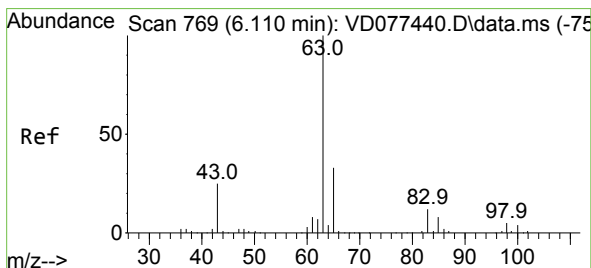
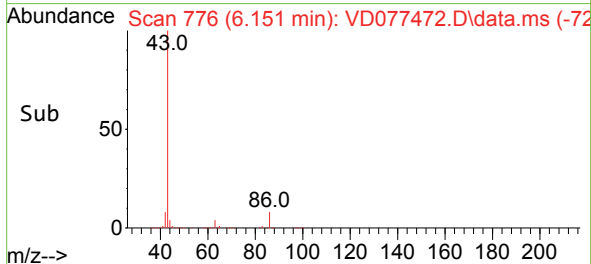
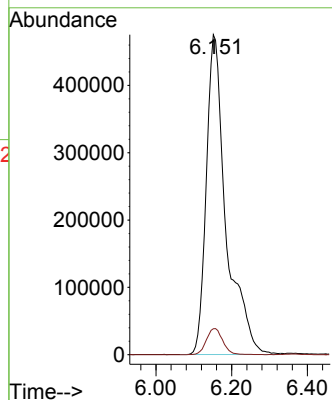


#23
 Vinyl Acetate
 Concen: 291.266 ug/l
 RT: 6.151 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD077472.D
 Acq: 01 Nov 2023 10:09

Instrument :
 MSVOA_D
 ClientSampleId :

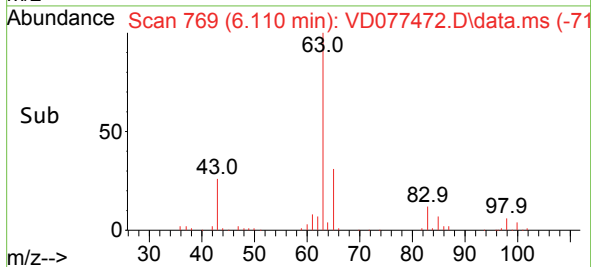
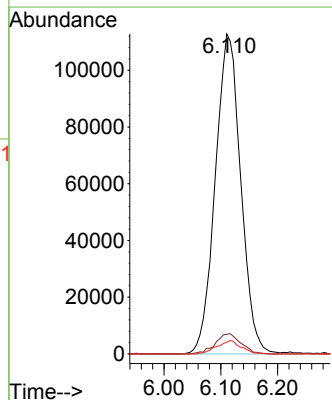
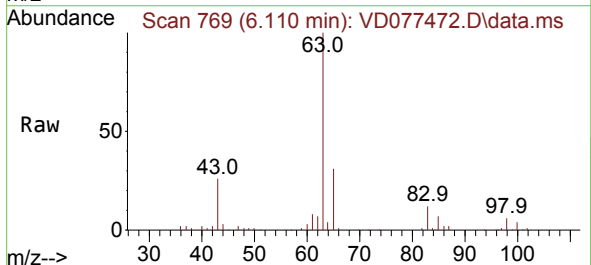


Tgt Ion: 43 Resp: 1718317
 Ion Ratio Lower Upper
 43 100
 86 8.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 49.493 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD077472.D
 Acq: 01 Nov 2023 10:09

Tgt Ion: 63 Resp: 351178
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.5 13.7
 100 3.7 2.5 7.5

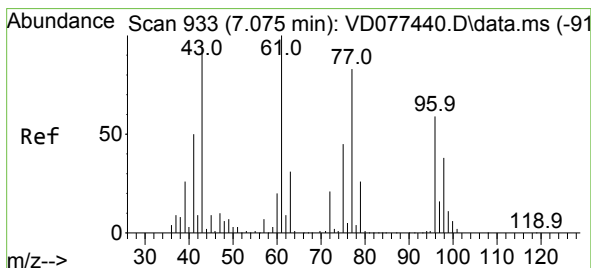
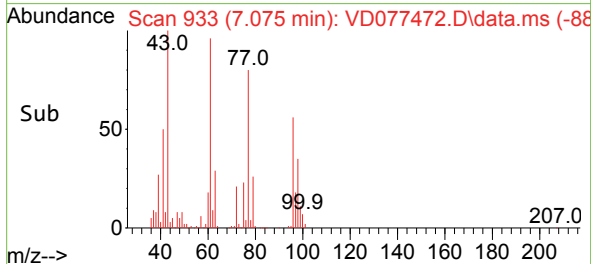
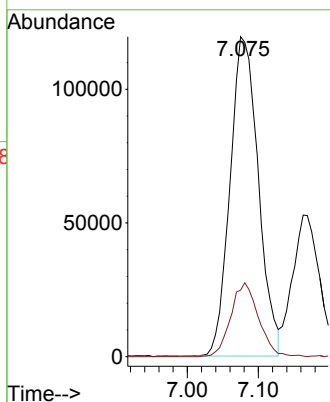
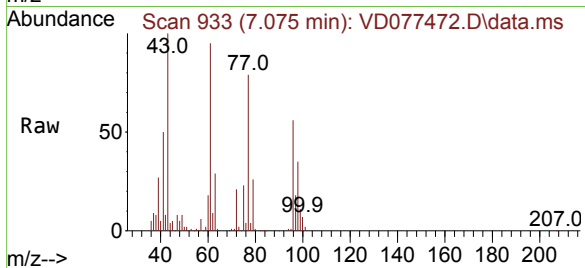




#25
2-Butanone
Concen: 248.401 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

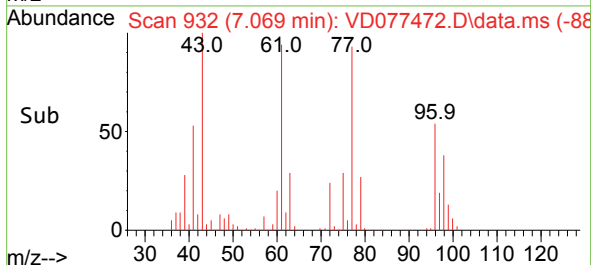
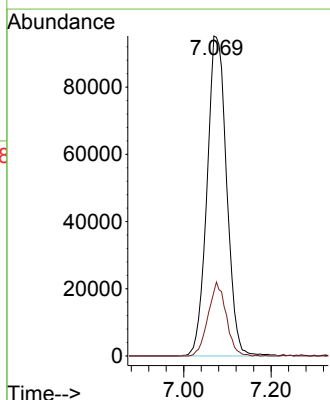
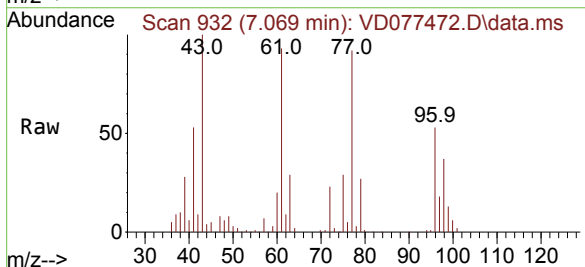
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 330938
Ion Ratio Lower Upper
43 100
72 20.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 47.224 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 77 Resp: 296952
Ion Ratio Lower Upper
77 100
97 21.2 13.2 39.6

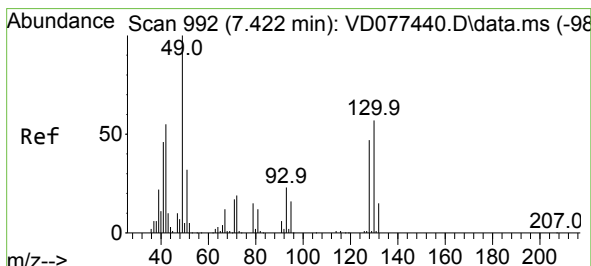
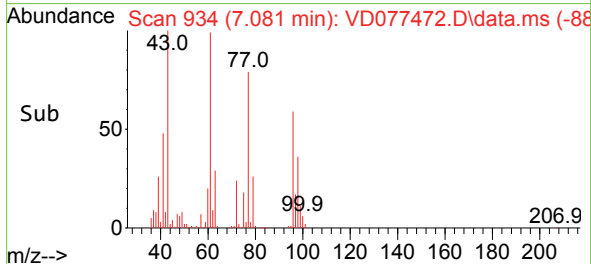
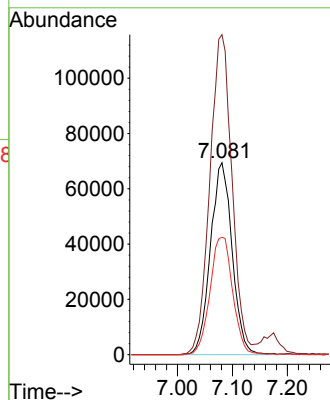
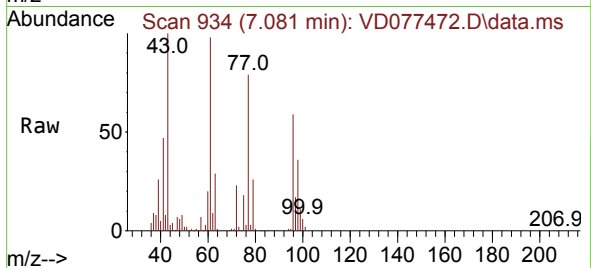




#27
 cis-1,2-Dichloroethene
 Concen: 49.554 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077472.D
 Acq: 01 Nov 2023 10:09

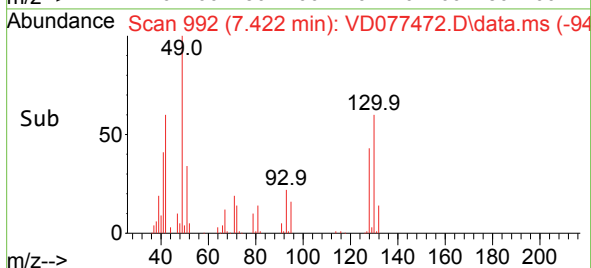
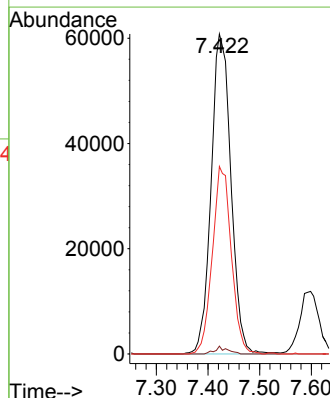
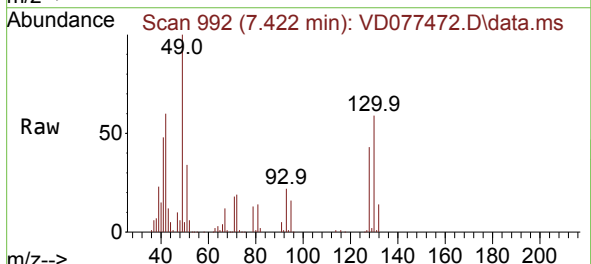
Instrument :
 MSVOA_D
 ClientSampleId :

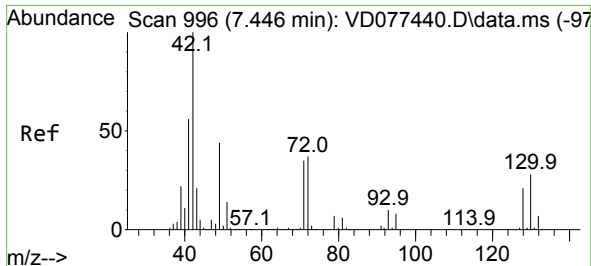
Tgt Ion: 96 Resp: 190692
 Ion Ratio Lower Upper
 96 100
 61 170.4 0.0 239.2
 98 64.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 50.349 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD077472.D
 Acq: 01 Nov 2023 10:09

Tgt Ion: 49 Resp: 162012
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 6.0
 130 56.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 254.980 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

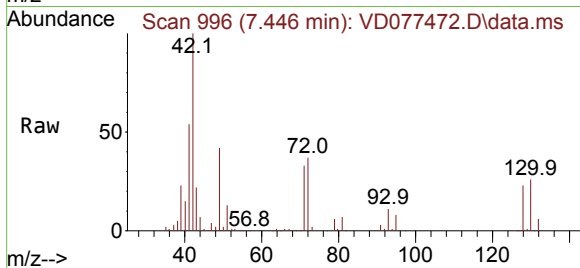
Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

Instrument :

MSVOA_D

ClientSampleId :



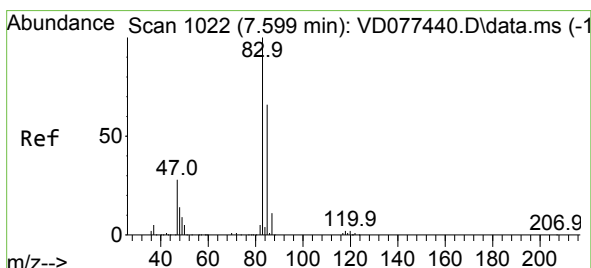
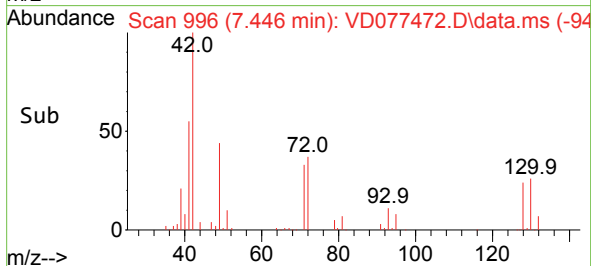
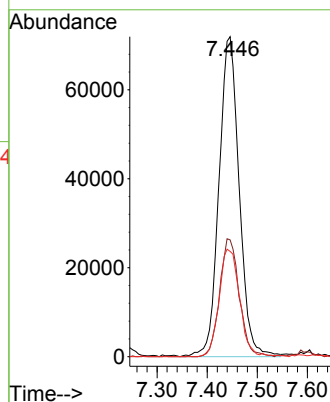
Tgt Ion: 42 Resp: 201474

Ion Ratio Lower Upper

42 100

72 35.7 46.5 69.7#

71 33.7 44.5 66.7#



#30

Chloroform

Concen: 48.287 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077472.D

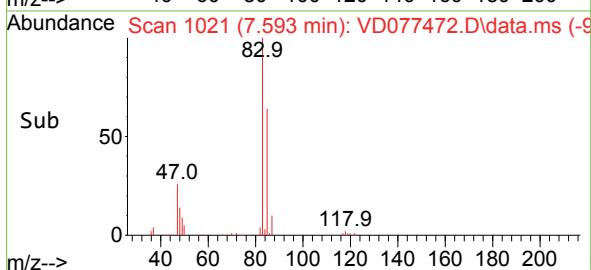
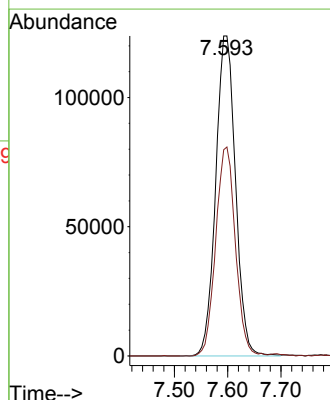
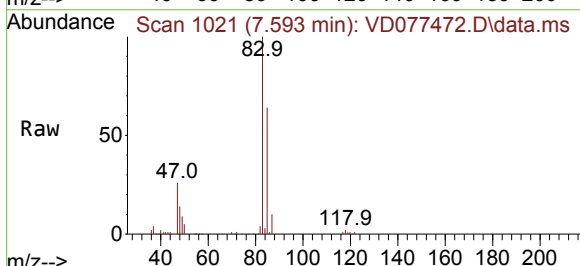
Acq: 01 Nov 2023 10:09

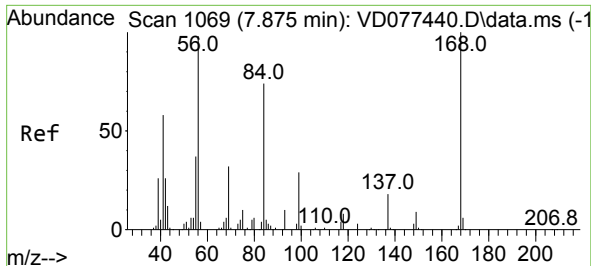
Tgt Ion: 83 Resp: 319908

Ion Ratio Lower Upper

83 100

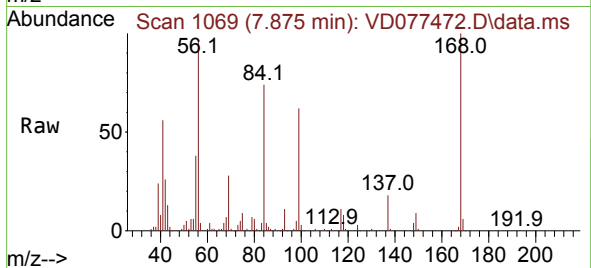
85 64.4 53.4 80.2



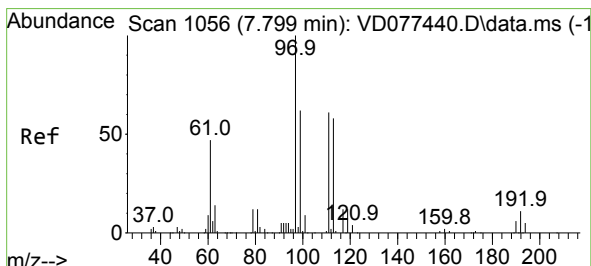
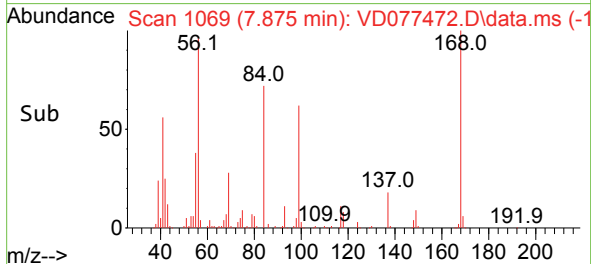
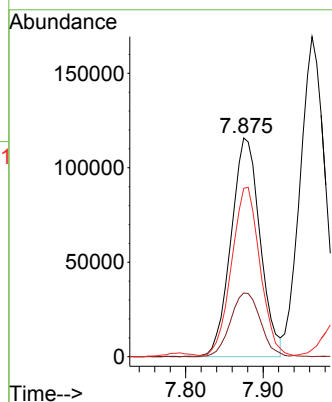


#31
Cyclohexane
Concen: 51.231 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Instrument :
MSVOA_D
ClientSampleId :

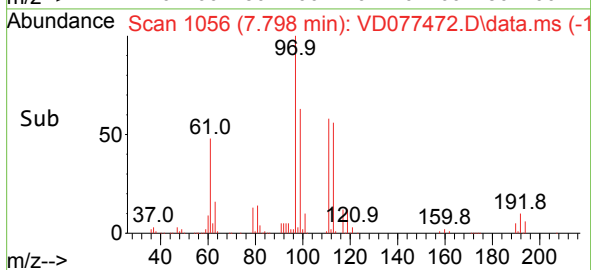
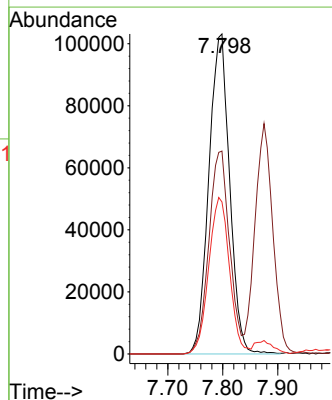
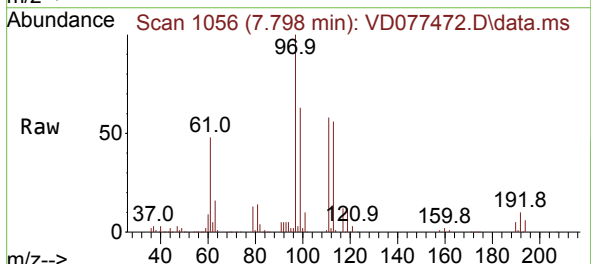


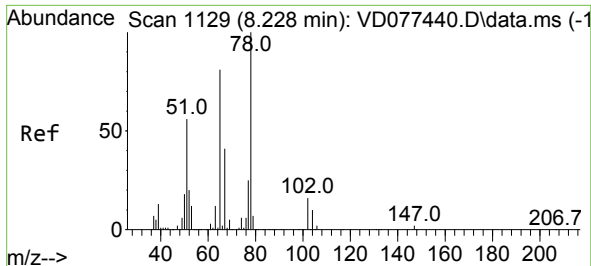
Tgt Ion: 56 Resp: 302302
Ion Ratio Lower Upper
56 100
69 29.1 28.6 43.0
84 75.0 84.8 127.2#



#32
1,1,1-Trichloroethane
Concen: 49.534 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 97 Resp: 270382
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 49.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.699 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

Instrument :

MSVOA_D

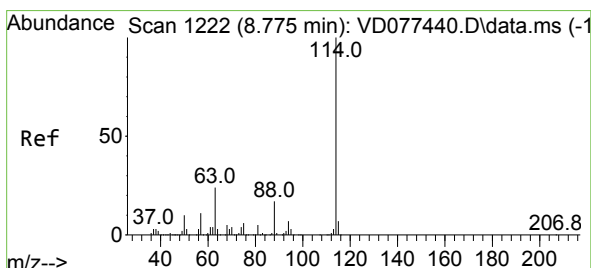
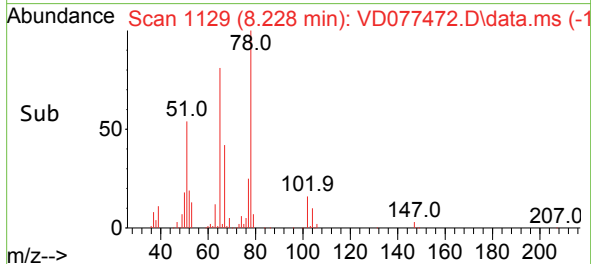
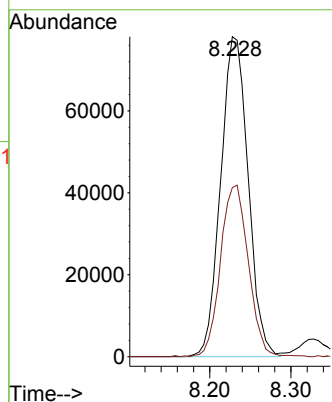
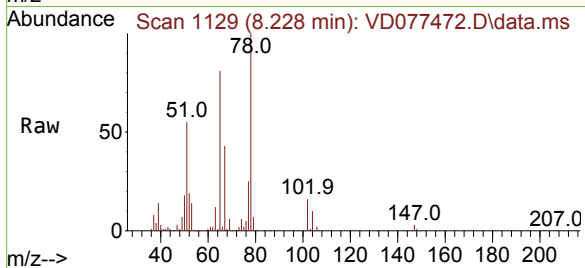
ClientSampleId :

Tgt Ion: 65 Resp: 183824

Ion Ratio Lower Upper

65 100

67 54.3 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: VD077472.D

Acq: 01 Nov 2023 10:09

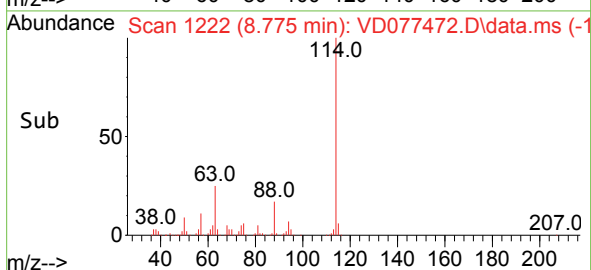
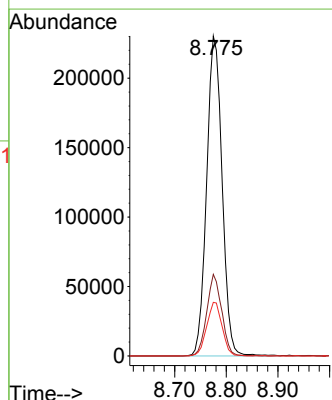
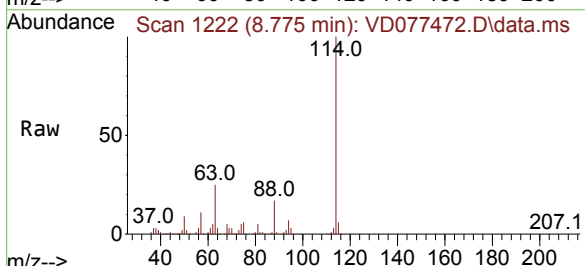
Tgt Ion: 114 Resp: 479171

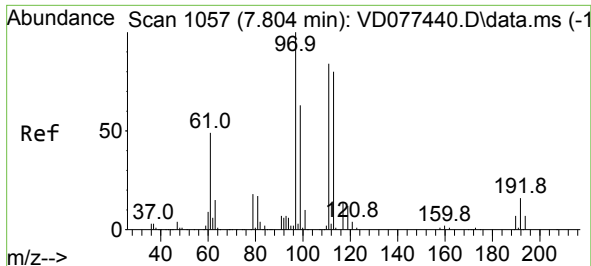
Ion Ratio Lower Upper

114 100

63 25.5 0.0 33.4

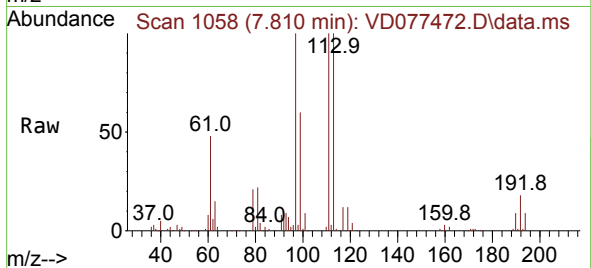
88 16.7 0.0 26.2



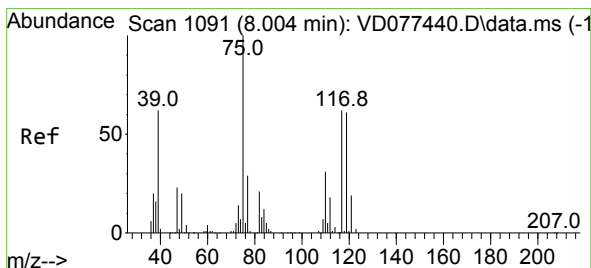
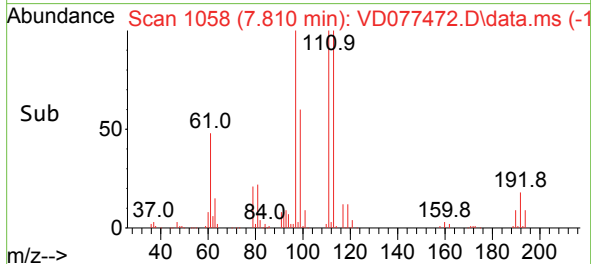
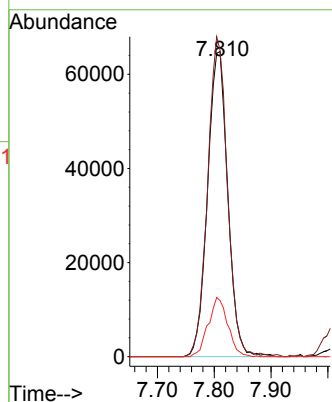


#35
Dibromofluoromethane
Concen: 48.287 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Instrument :
MSVOA_D
ClientSampleId :

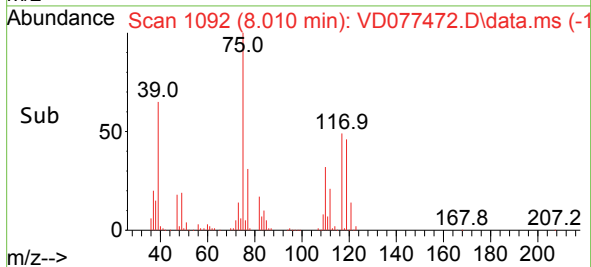
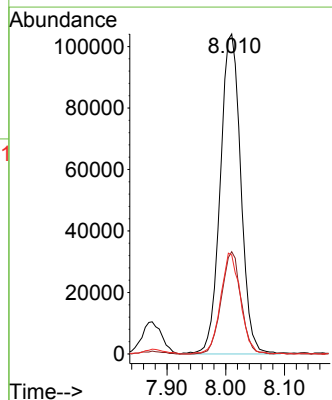
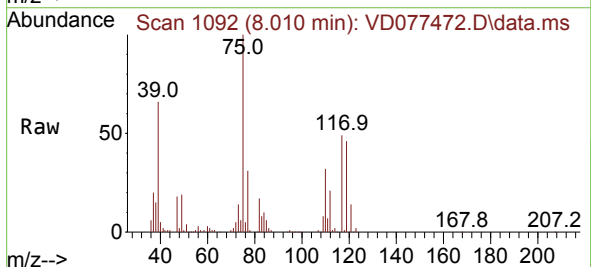


Tgt Ion:113 Resp: 159920
Ion Ratio Lower Upper
113 100
111 102.3 84.7 127.1
192 18.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 51.294 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

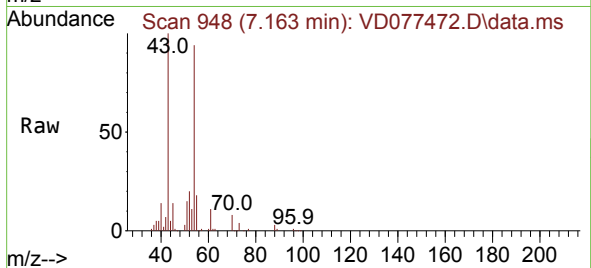
Tgt Ion: 75 Resp: 251873
Ion Ratio Lower Upper
75 100
110 30.6 19.9 59.6
77 30.6 24.7 37.1



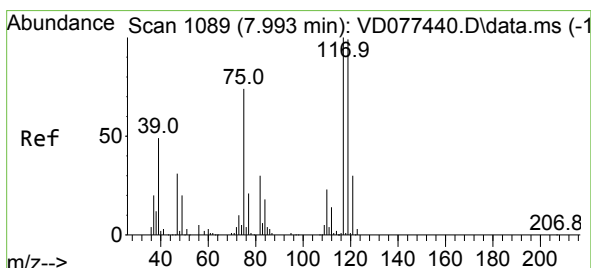
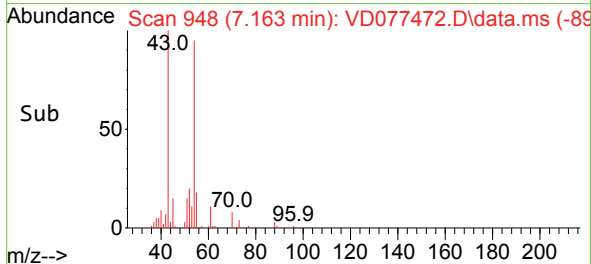
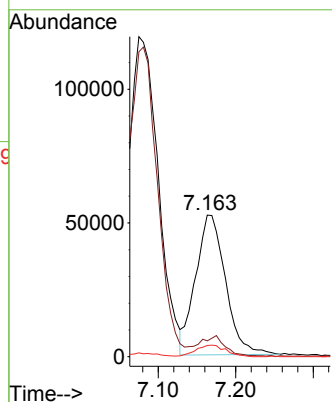


#37
Ethyl Acetate
Concen: 49.772 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Instrument :
MSVOA_D
ClientSampleId :

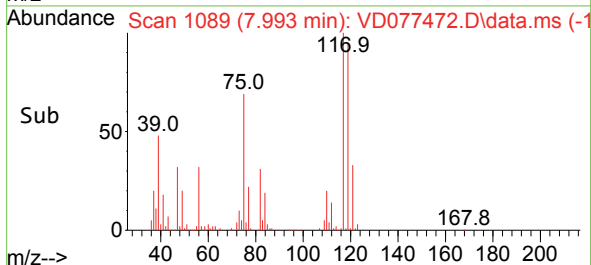
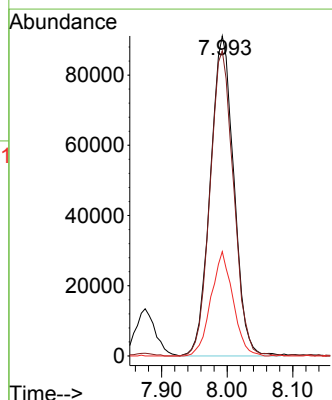
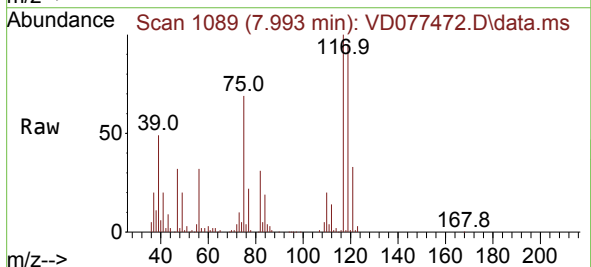


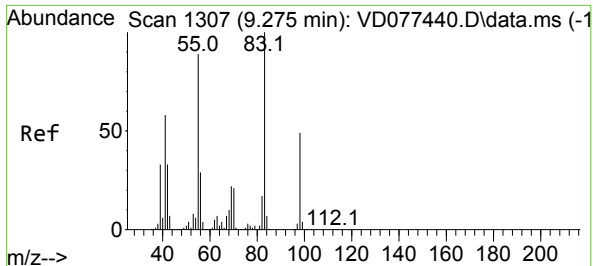
Tgt Ion: 43 Resp: 140255
Ion Ratio Lower Upper
43 100
61 13.3 14.9 22.3#
70 8.3 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 49.171 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 117 Resp: 227522
Ion Ratio Lower Upper
117 100
119 95.4 78.0 117.0
121 32.6 24.2 36.2





#39

Methylcyclohexane

Concen: 51.850 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

Instrument :

MSVOA_D

ClientSampleId :

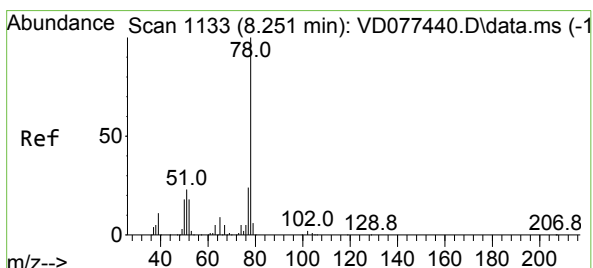
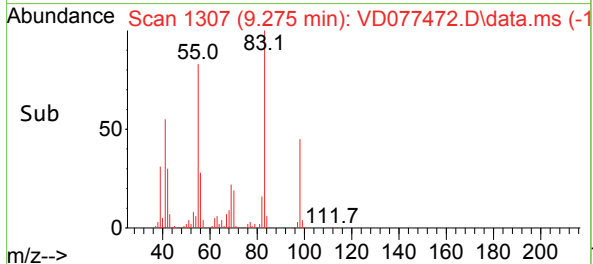
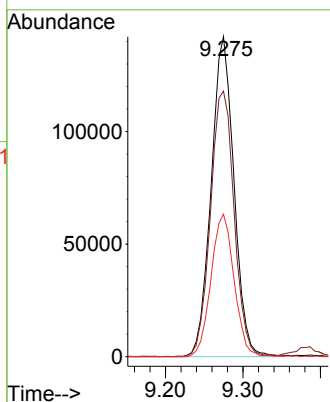
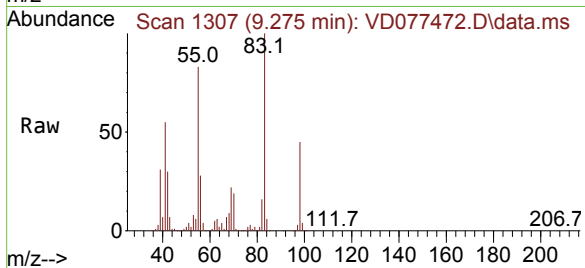
Tgt Ion: 83 Resp: 290496

Ion Ratio Lower Upper

83 100

55 82.8 49.4 74.0#

98 44.6 38.4 57.6



#40

Benzene

Concen: 49.884 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD077472.D

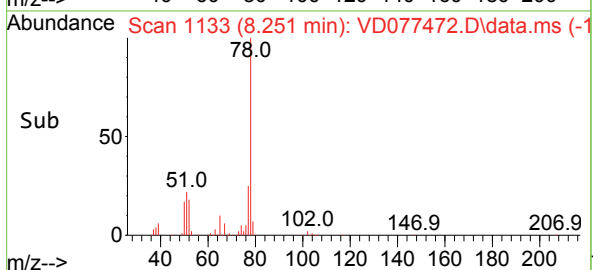
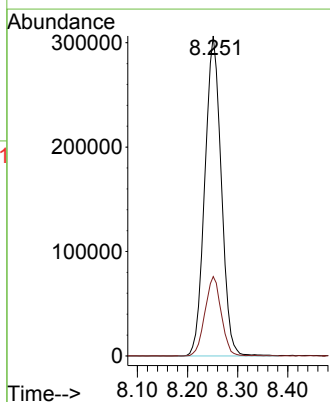
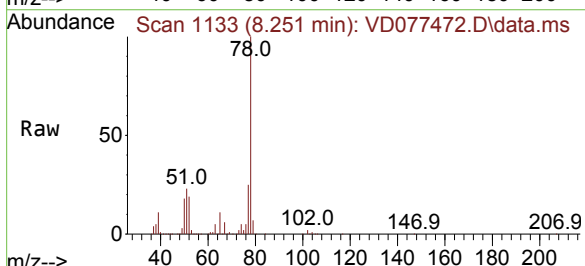
Acq: 01 Nov 2023 10:09

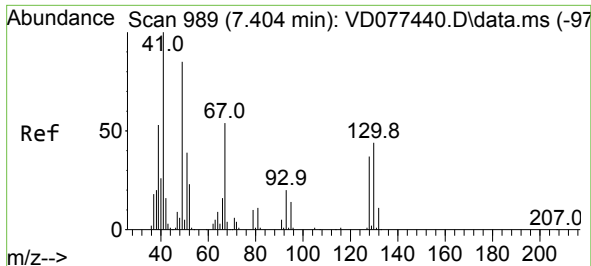
Tgt Ion: 78 Resp: 698468

Ion Ratio Lower Upper

78 100

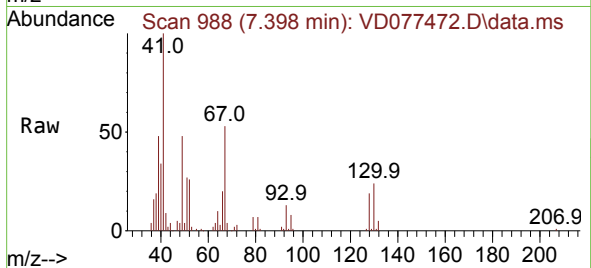
77 24.8 19.4 29.0



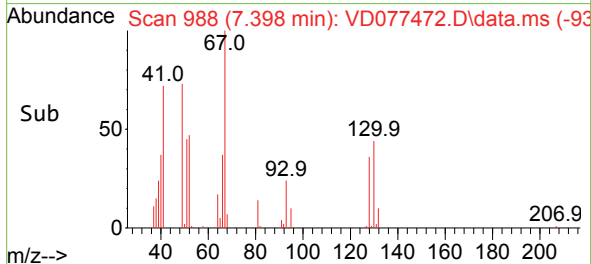
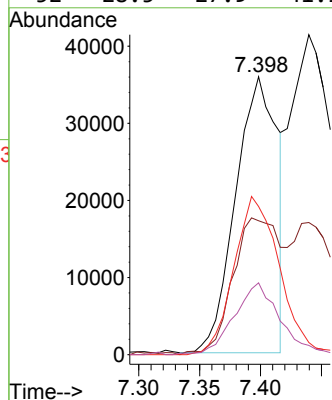


#41
Methacrylonitrile
Concen: 47.232 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Instrument :
MSVOA_D
ClientSampleId :

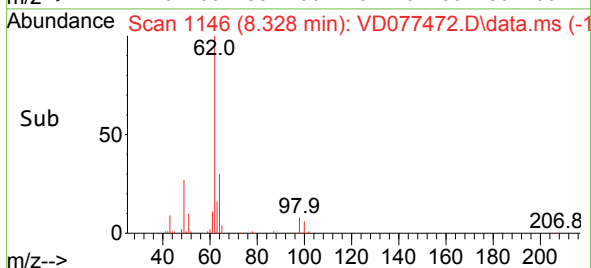
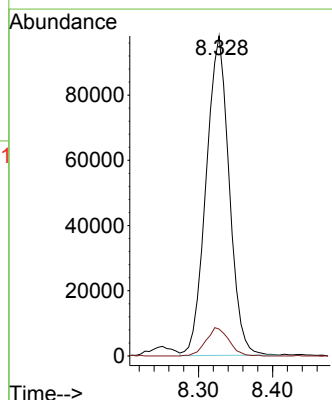
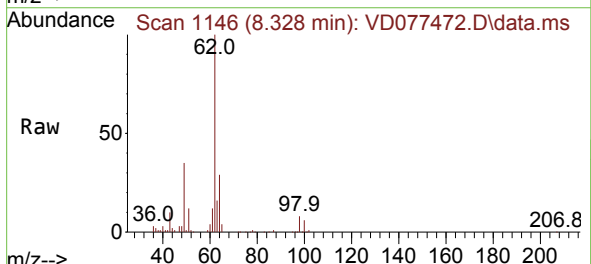


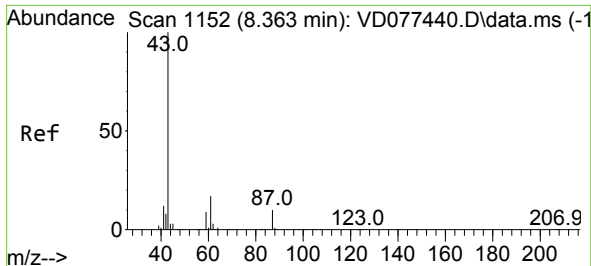
Tgt Ion:	41	Resp:	85164
Ion Ratio	Lower	Upper	
41	100		
39	59.3	34.0	51.0#
67	62.8	77.0	115.4#
52	28.5	27.9	41.9



#42
1,2-Dichloroethane
Concen: 47.680 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

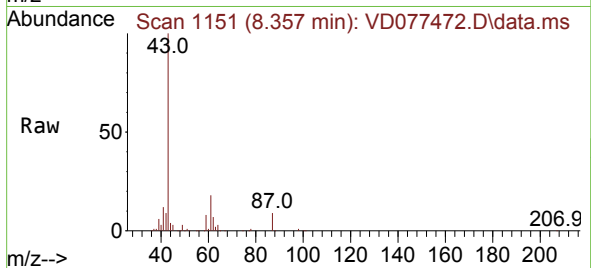
Tgt Ion:	62	Resp:	211449
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	25.4



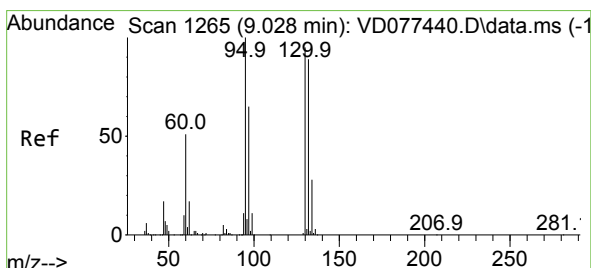
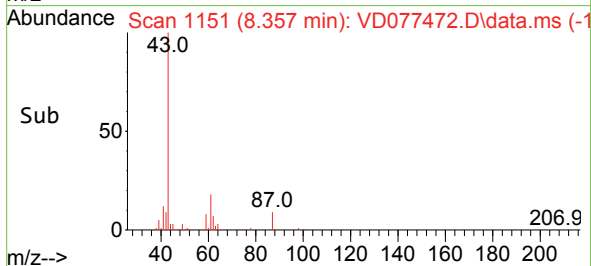
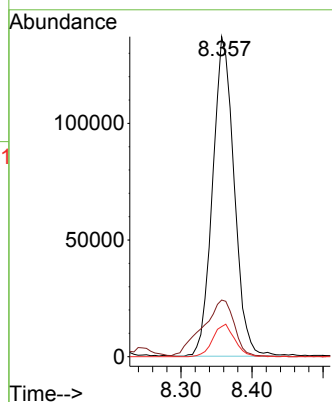


#43
Isopropyl Acetate
Concen: 49.561 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Instrument :
MSVOA_D
ClientSampleId :

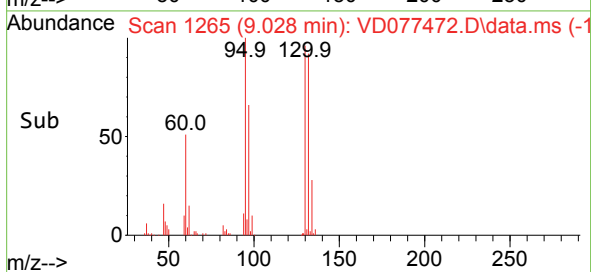
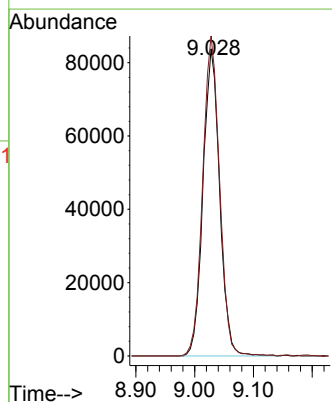
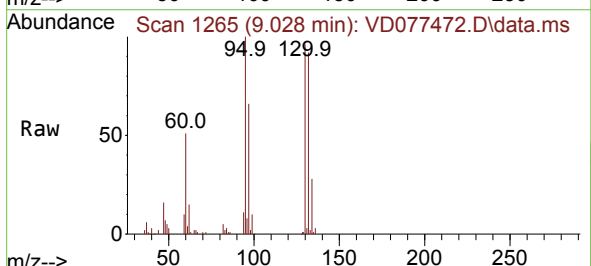


Tgt Ion: 43 Resp: 288210
Ion Ratio Lower Upper
43 100
61 26.1 31.4 47.0#
87 10.3 14.9 22.3#



#44
Trichloroethene
Concen: 47.891 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion:130 Resp: 164257
Ion Ratio Lower Upper
130 100
95 104.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.053 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

Instrument :

MSVOA_D

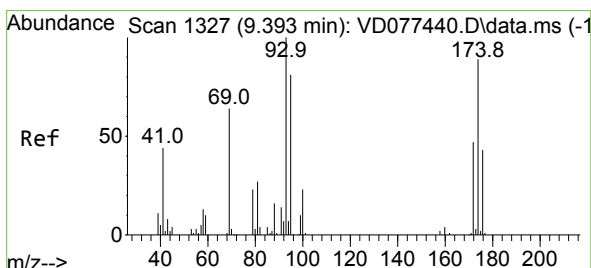
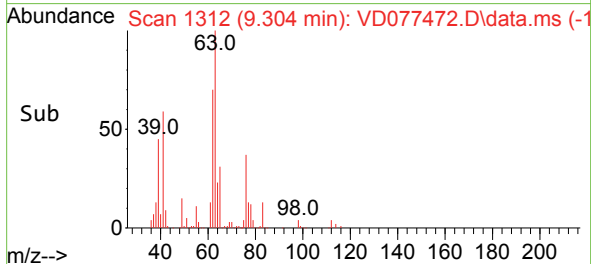
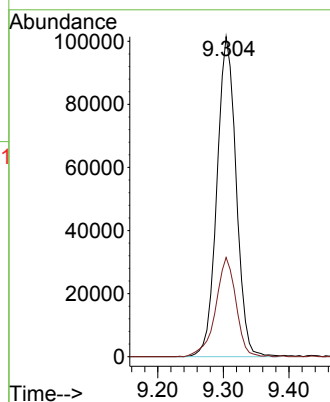
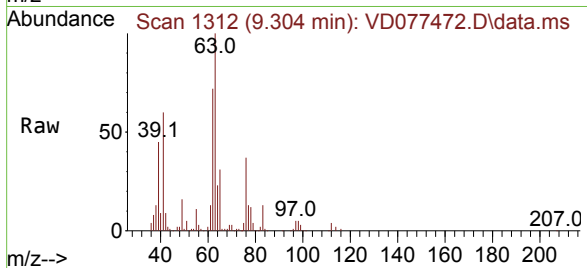
ClientSampleId :

Tgt Ion: 63 Resp: 206330

Ion Ratio Lower Upper

63 100

65 30.8 24.5 36.7



#46

Dibromomethane

Concen: 46.493 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

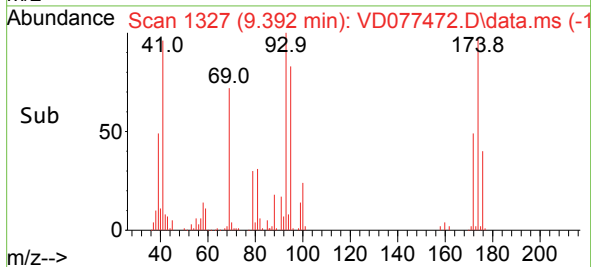
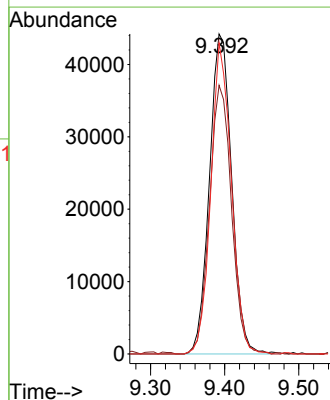
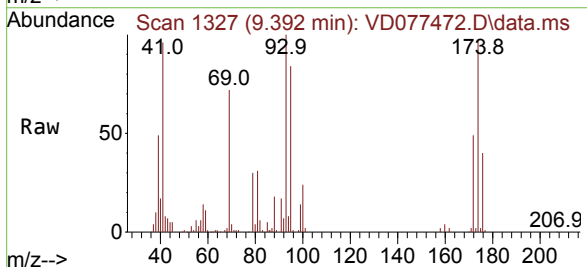
Tgt Ion: 93 Resp: 92232

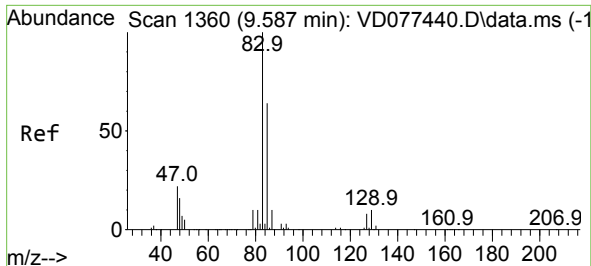
Ion Ratio Lower Upper

93 100

95 83.1 67.7 101.5

174 89.7 85.4 128.2

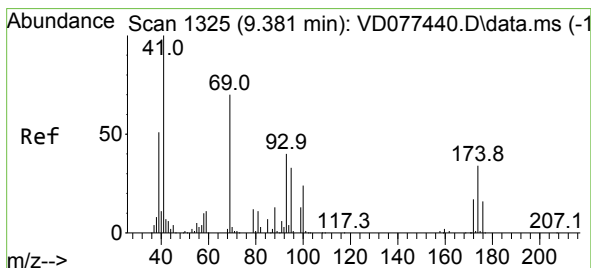
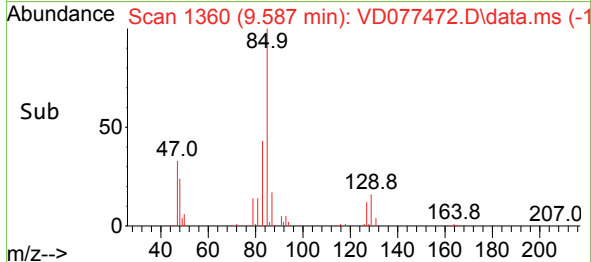
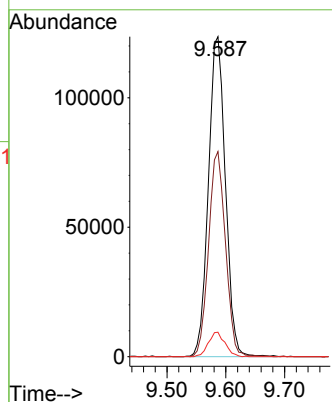
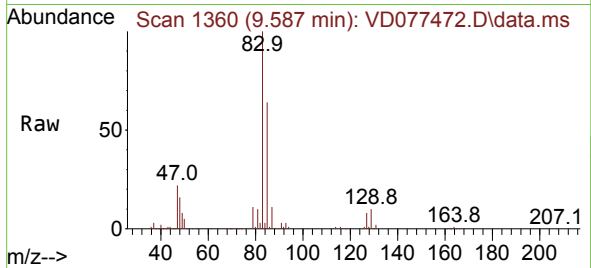




#47
Bromodichloromethane
Concen: 47.437 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

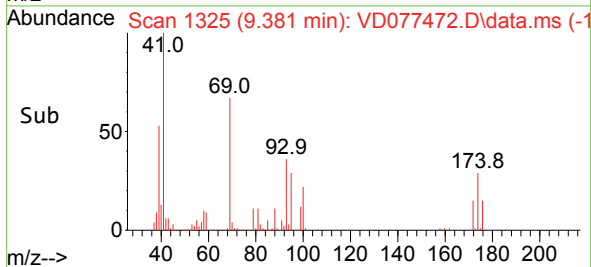
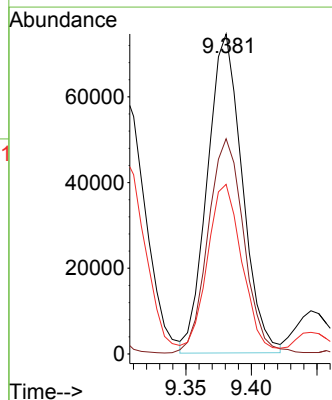
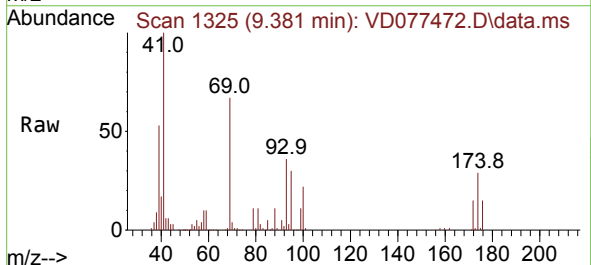
Instrument :
MSVOA_D
ClientSampleId :

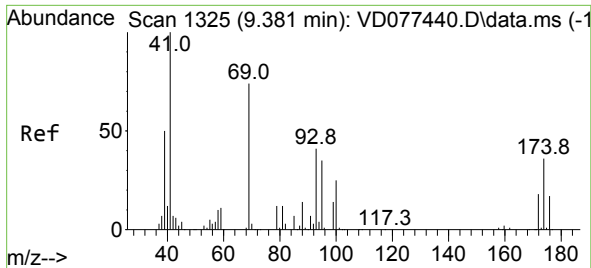
Tgt Ion: 83 Resp: 248733
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 7.6 6.3 9.5



#48
Methyl methacrylate
Concen: 49.646 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 41 Resp: 137810
Ion Ratio Lower Upper
41 100
69 68.8 102.2 153.2#
39 49.6 41.4 62.2

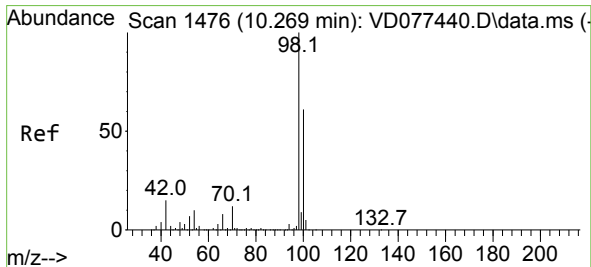
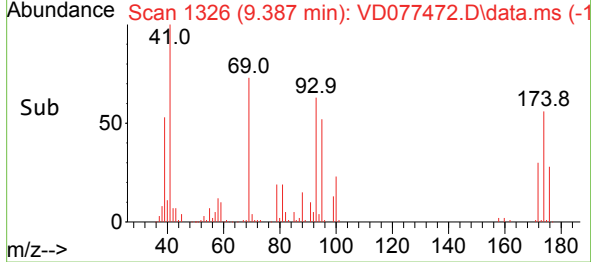
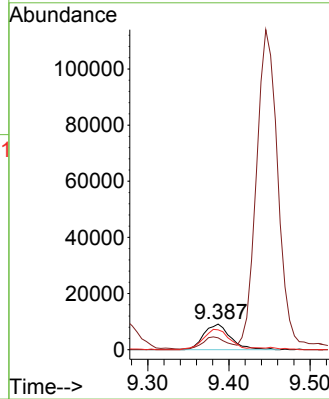
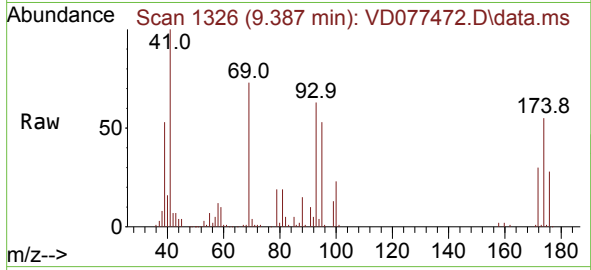




#49
1,4-Dioxane
Concen: 975.108 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

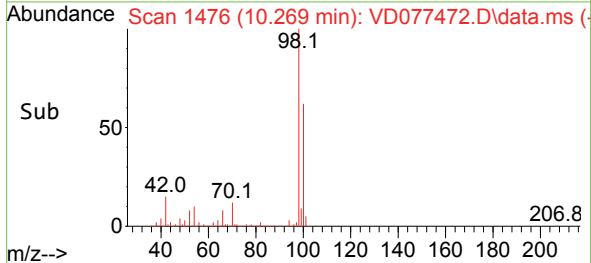
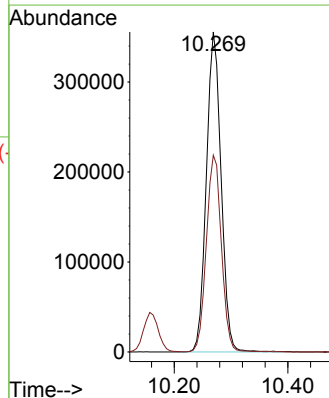
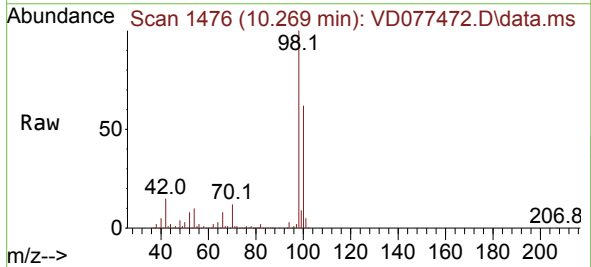
Instrument :
MSVOA_D
ClientSampleId :

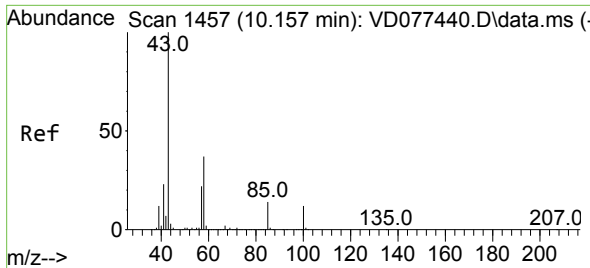
Tgt Ion: 88 Resp: 20786
Ion Ratio Lower Upper
88 100
43 42.8 19.0 28.6#
58 78.0 43.5 65.3#



#50
Toluene-d8
Concen: 49.588 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 98 Resp: 637897
Ion Ratio Lower Upper
98 100
100 62.8 50.3 75.5

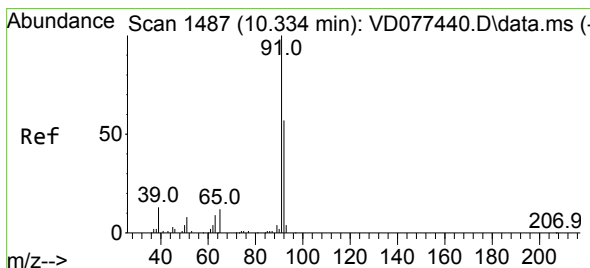
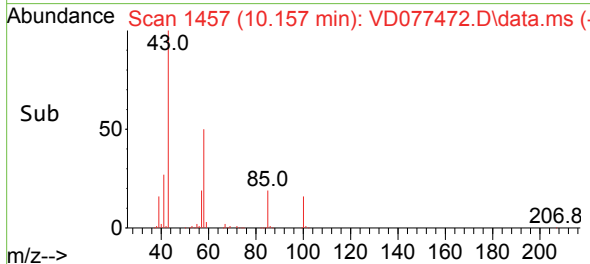
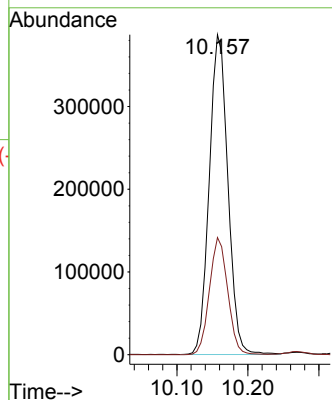
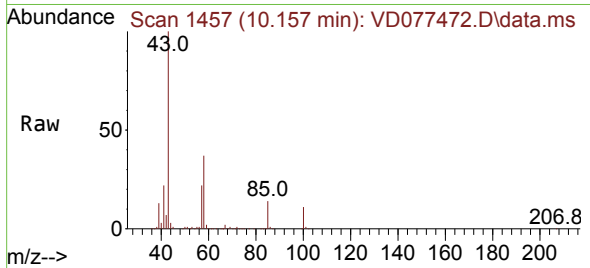




#51
4-Methyl-2-Pentanone
Concen: 245.907 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

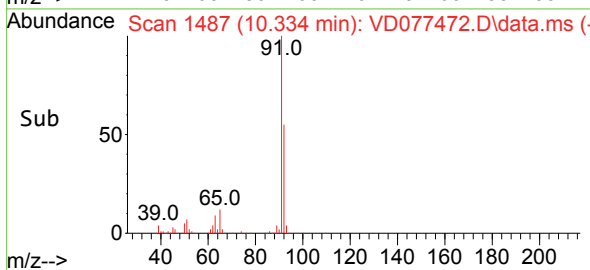
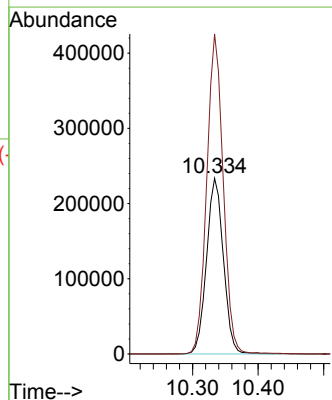
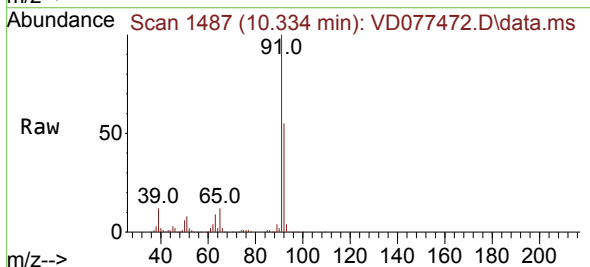
Instrument :
MSVOA_D
ClientSampleId :

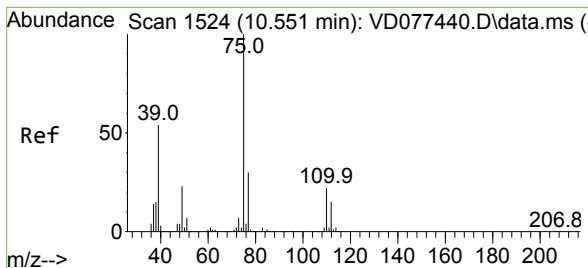
Tgt Ion: 43 Resp: 703875
Ion Ratio Lower Upper
43 100
58 35.9 38.9 58.3#



#52
Toluene
Concen: 48.941 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 92 Resp: 417751
Ion Ratio Lower Upper
92 100
91 178.2 143.0 214.4

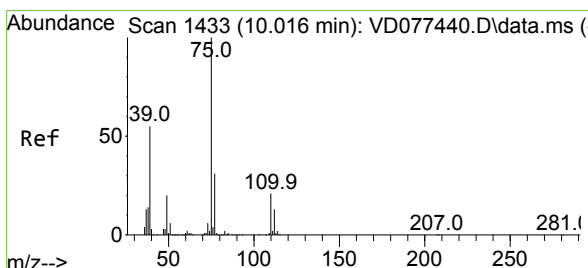
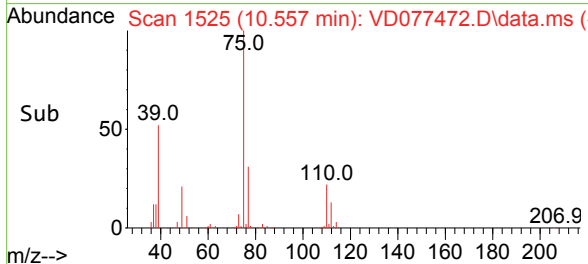
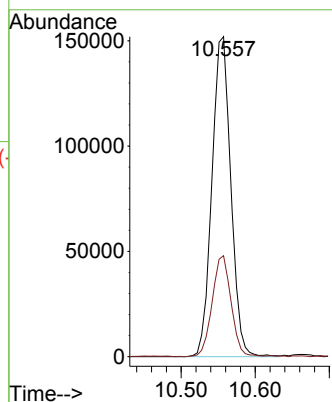
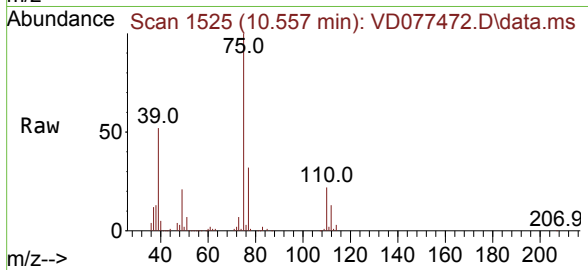




#53
 t-1,3-Dichloropropene
 Concen: 48.562 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077472.D
 Acq: 01 Nov 2023 10:09

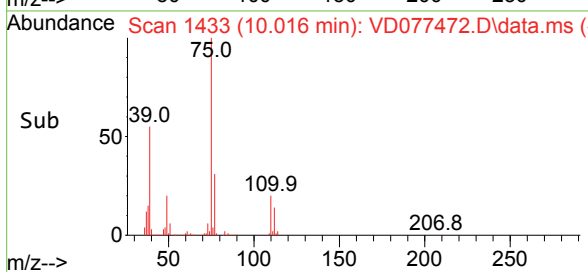
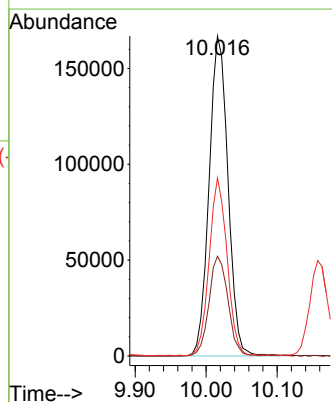
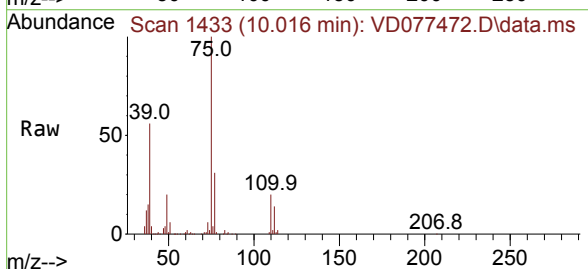
Instrument :
 MSVOA_D
 ClientSampleId :

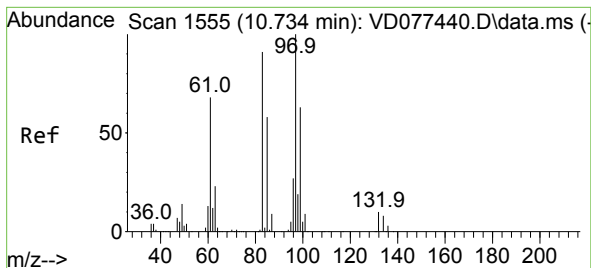
Tgt Ion: 75 Resp: 269628
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.283 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077472.D
 Acq: 01 Nov 2023 10:09

Tgt Ion: 75 Resp: 308494
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.5 38.3
 39 55.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 47.660 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

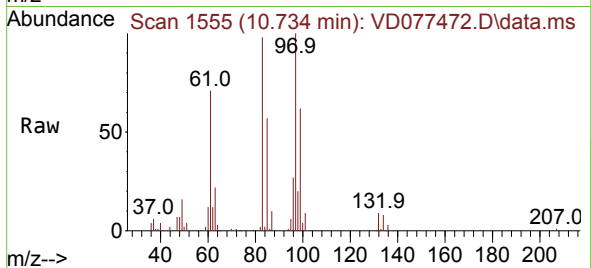
Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 126143

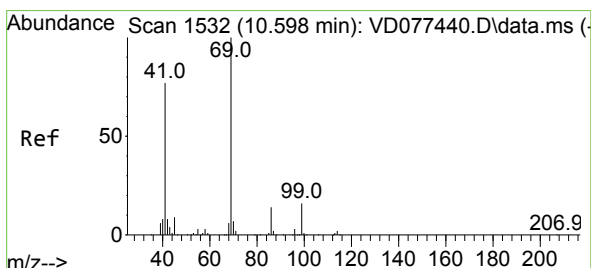
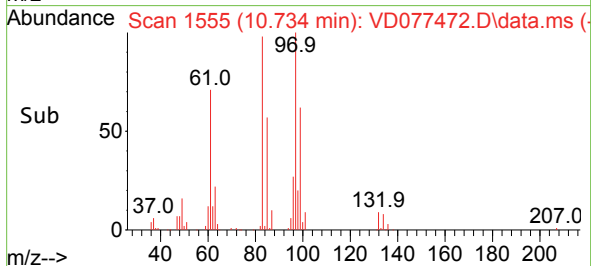
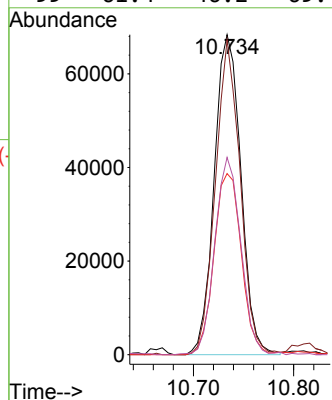
Ion Ratio Lower Upper

97 100

83 98.4 65.8 98.6

85 56.6 45.7 68.5

99 61.4 46.2 69.4



#56

Ethyl methacrylate

Concen: 48.689 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

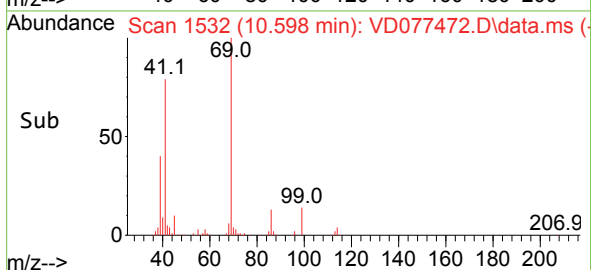
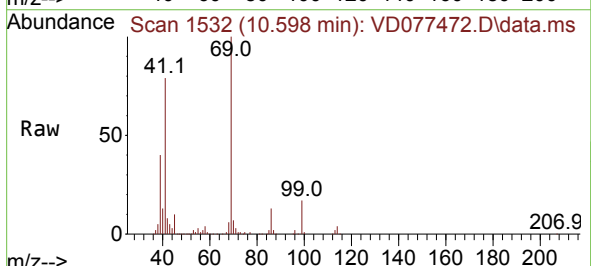
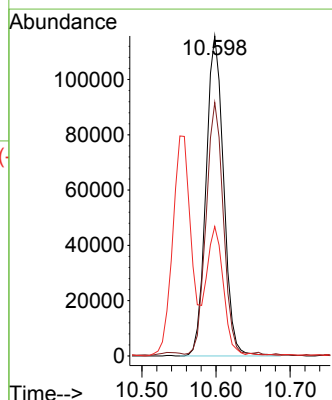
Tgt Ion: 69 Resp: 191603

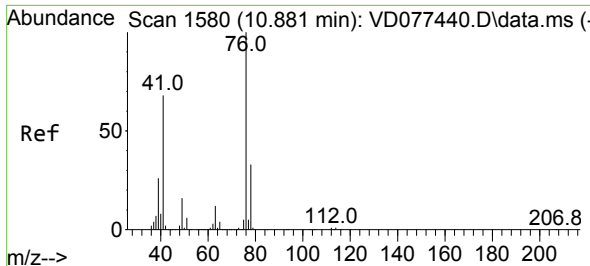
Ion Ratio Lower Upper

69 100

41 76.5 39.1 58.7#

39 36.6 20.0 30.0#

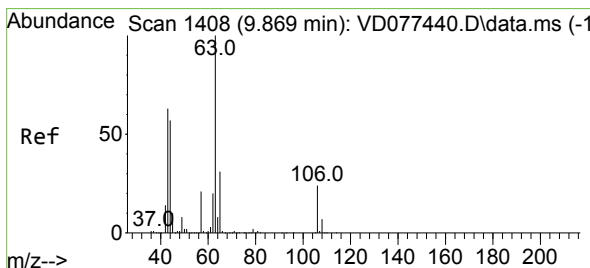
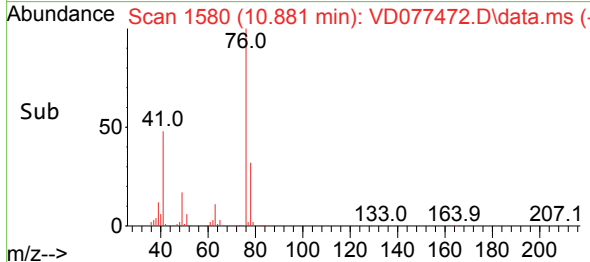
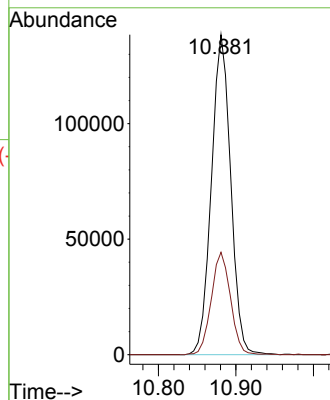
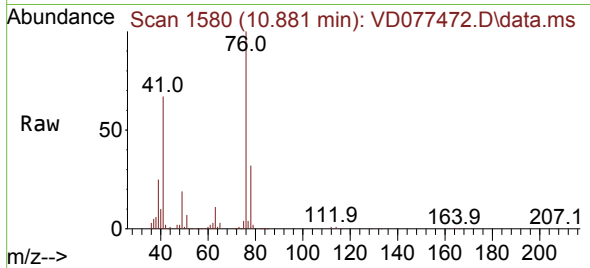




#57
1,3-Dichloropropane
Concen: 48.404 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

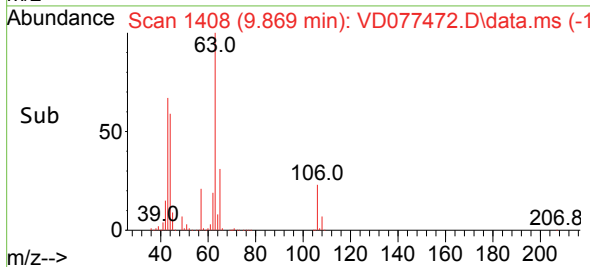
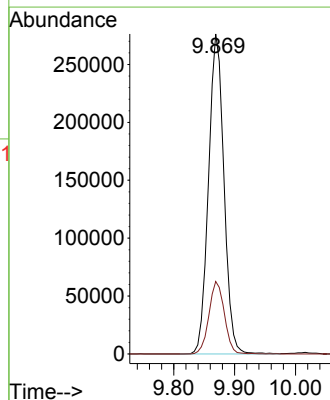
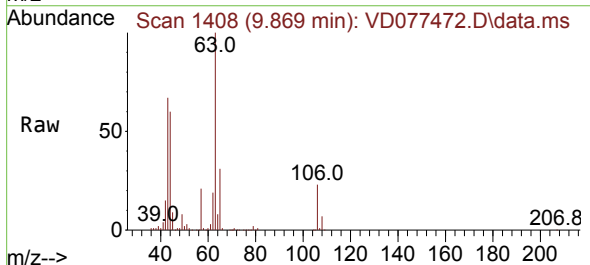
Instrument :
MSVOA_D
ClientSampleId :

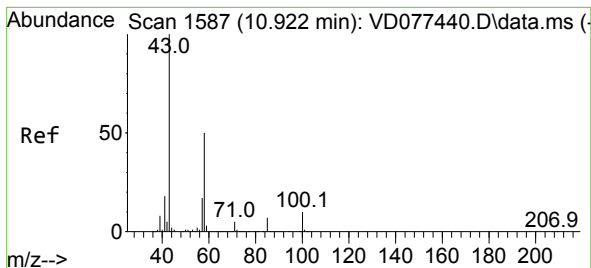
Tgt Ion: 76 Resp: 239458
Ion Ratio Lower Upper
76 100
78 31.9 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 247.144 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

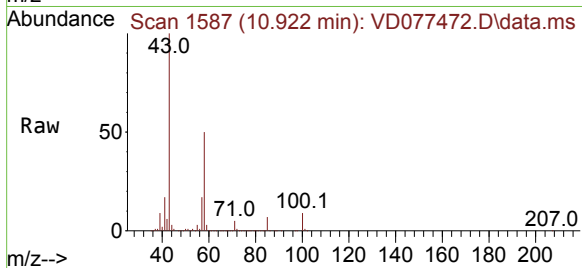
Tgt Ion: 63 Resp: 486897
Ion Ratio Lower Upper
63 100
106 22.6 25.3 37.9#



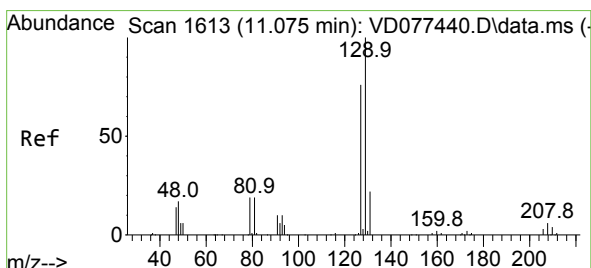
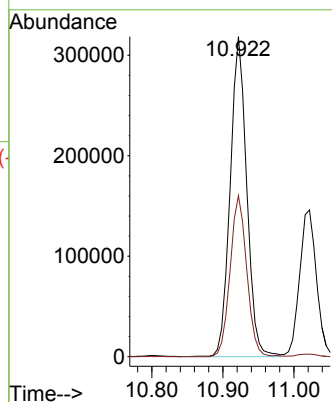
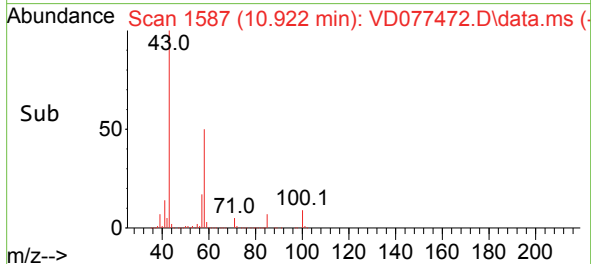


#59
2-Hexanone
Concen: 244.676 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Instrument :
MSVOA_D
ClientSampleId :

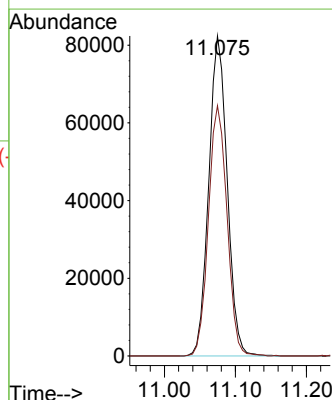
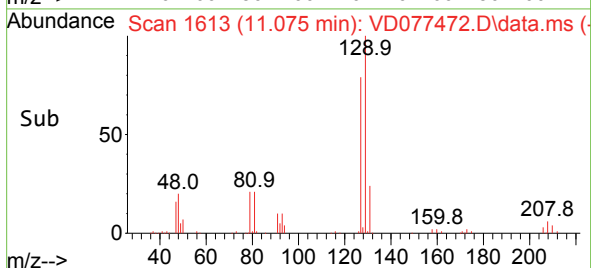
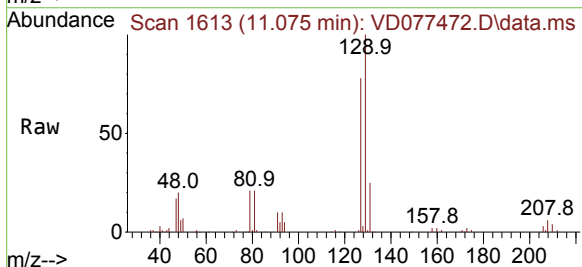


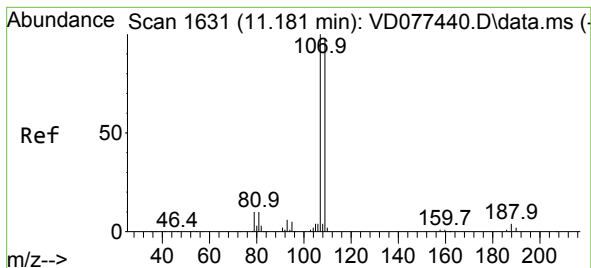
Tgt Ion: 43 Resp: 515925
Ion Ratio Lower Upper
43 100
58 50.6 34.1 102.2



#60
Dibromochloromethane
Concen: 46.661 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 129 Resp: 148501
Ion Ratio Lower Upper
129 100
127 78.9 37.1 111.5

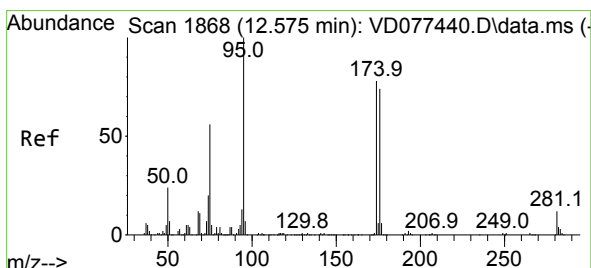
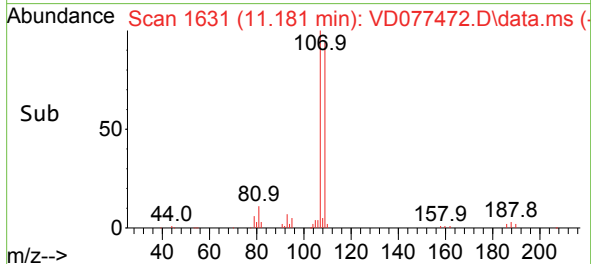
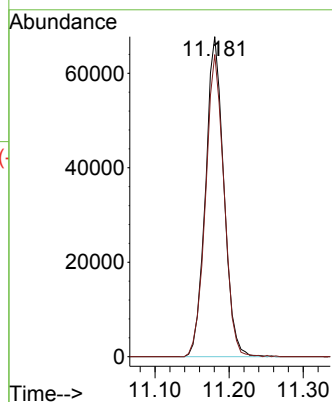
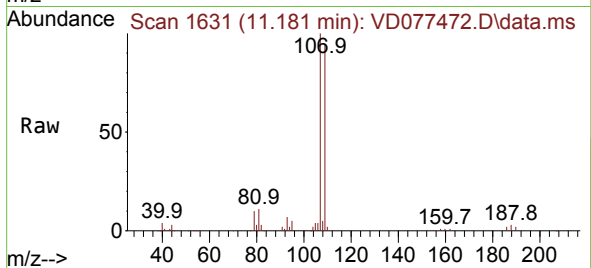




#61
1,2-Dibromoethane
Concen: 46.342 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

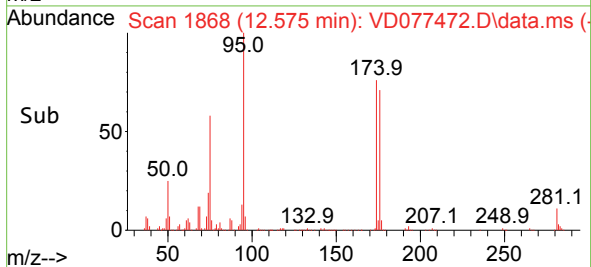
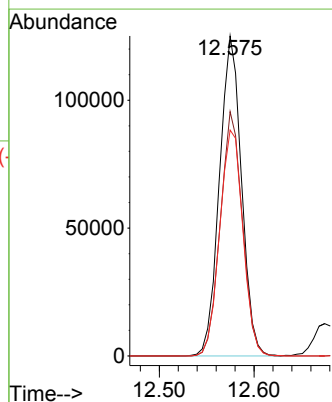
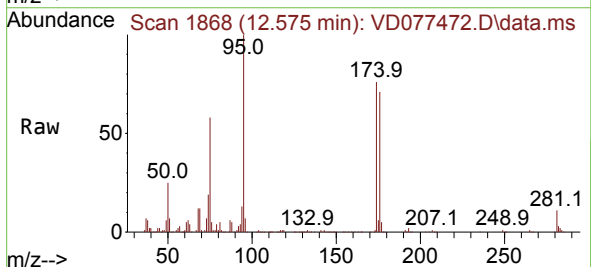
Instrument :
MSVOA_D
ClientSampleId :

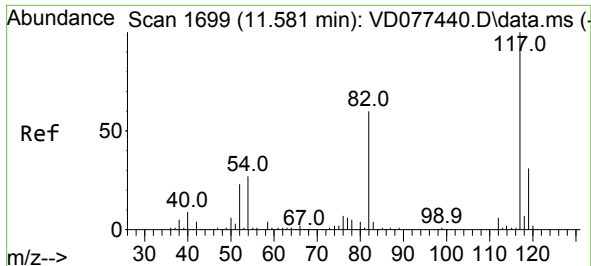
Tgt Ion:107 Resp: 116153
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.699 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 95 Resp: 202331
Ion Ratio Lower Upper
95 100
174 76.6 0.0 201.8
176 74.3 0.0 191.8

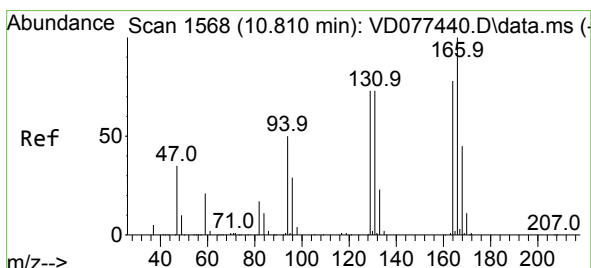
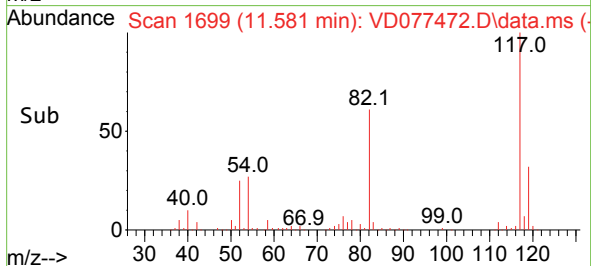
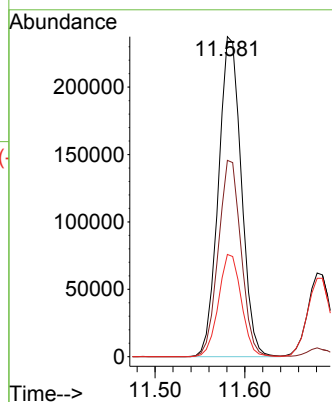
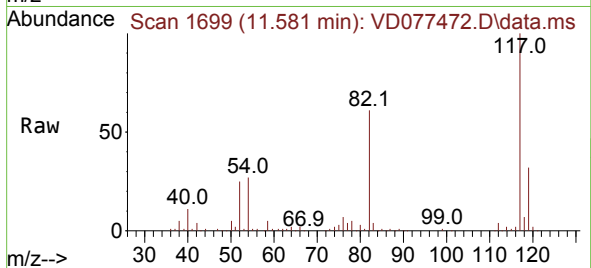




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

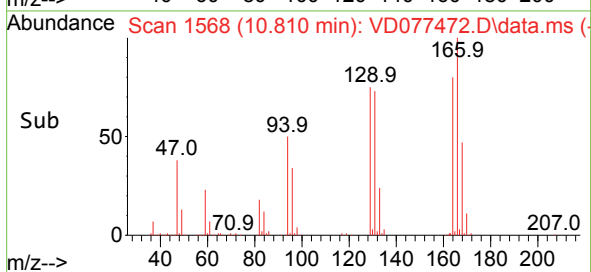
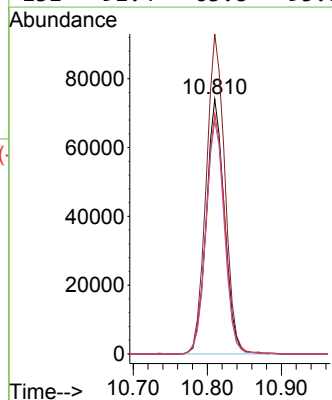
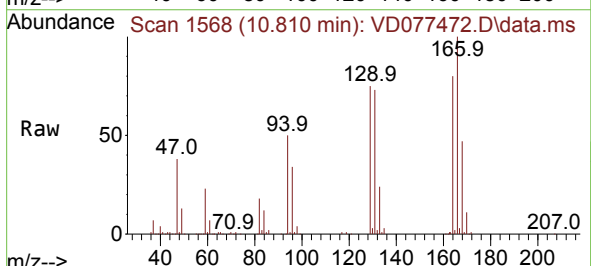
Instrument :
MSVOA_D
ClientSampleId :

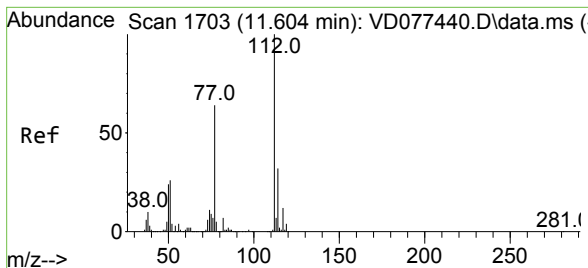
Tgt Ion:117 Resp: 420525
Ion Ratio Lower Upper
117 100
82 61.3 38.3 57.5#
119 31.9 25.0 37.4



#64
Tetrachloroethene
Concen: 47.419 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion:164 Resp: 126957
Ion Ratio Lower Upper
164 100
166 125.5 99.2 148.8
129 94.1 68.4 102.6
131 91.4 63.8 95.8





#65

Chlorobenzene

Concen: 47.782 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

Instrument :

MSVOA_D

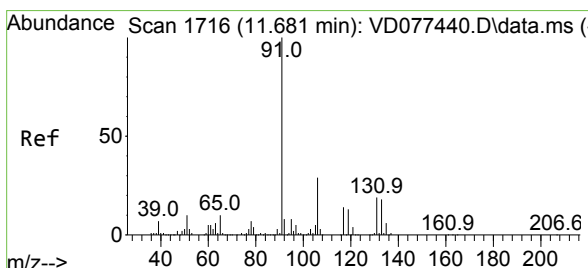
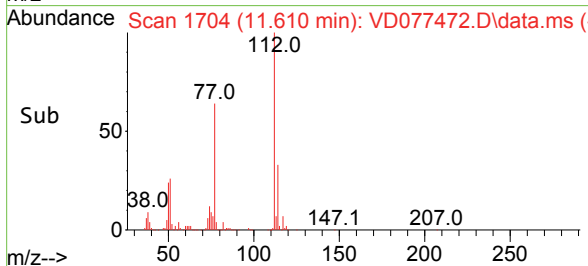
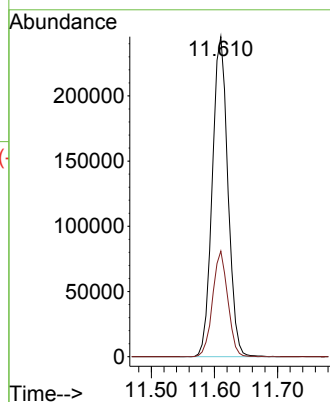
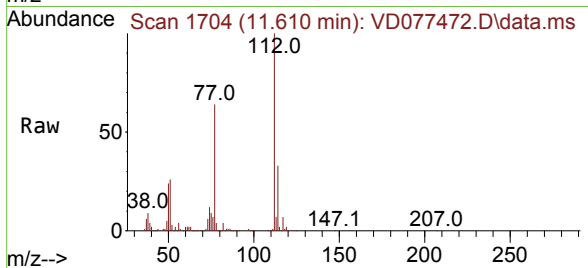
ClientSampleId :

Tgt Ion:112 Resp: 420957

Ion Ratio Lower Upper

112 100

114 33.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 46.120 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

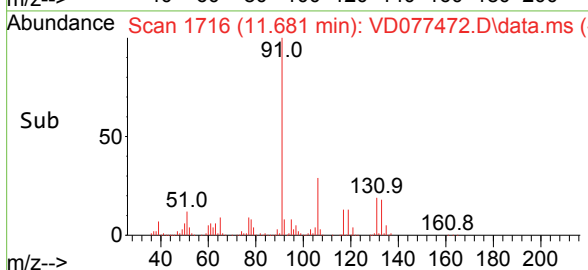
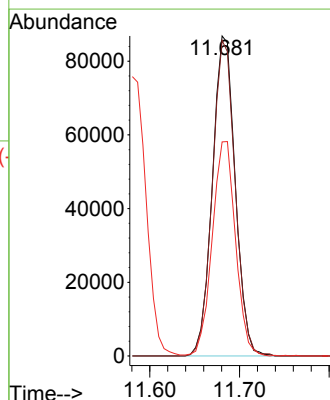
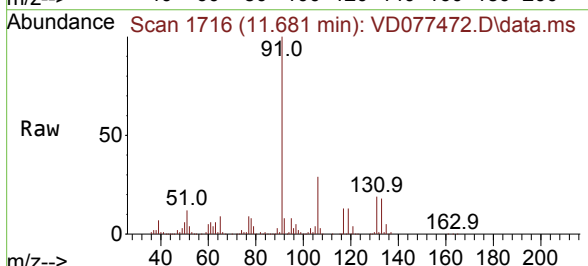
Tgt Ion:131 Resp: 153544

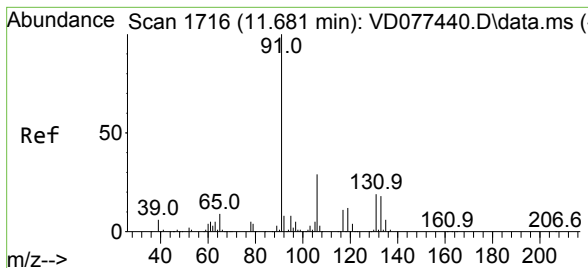
Ion Ratio Lower Upper

131 100

133 98.3 48.5 145.5

119 68.4 35.6 106.9

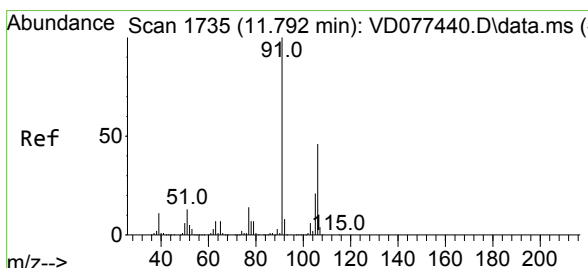
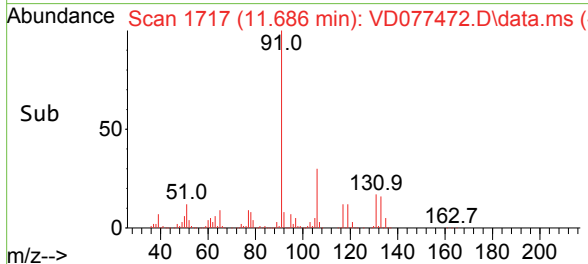
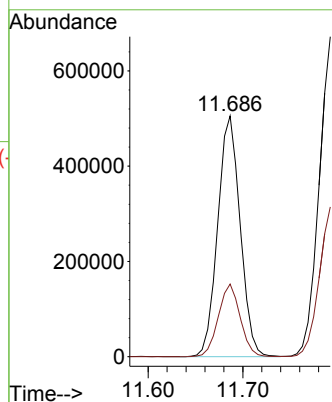
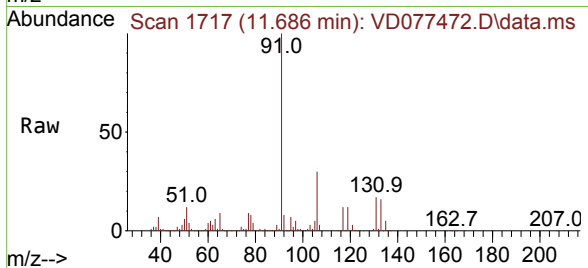




#67
Ethyl Benzene
Concen: 49.052 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

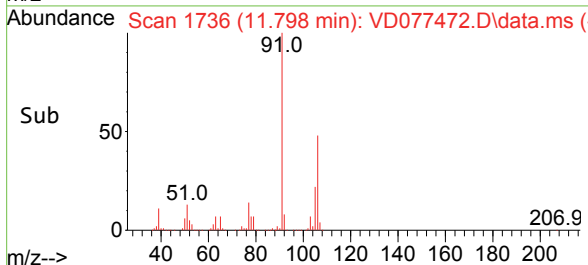
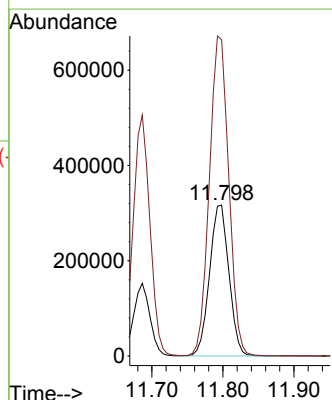
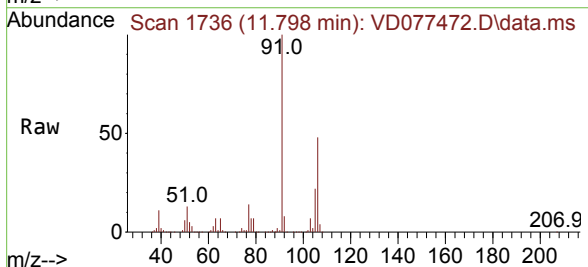
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 831494
Ion Ratio Lower Upper
91 100
106 30.2 26.5 39.7



#68
m/p-Xylenes
Concen: 97.876 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 106 Resp: 599122
Ion Ratio Lower Upper
106 100
91 212.5 147.0 220.6

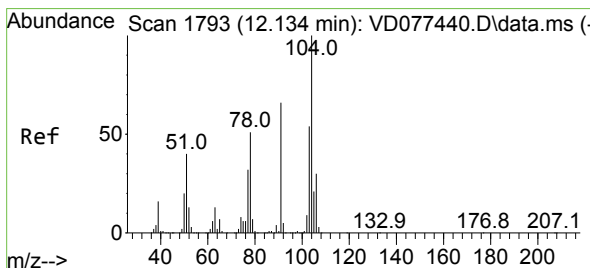
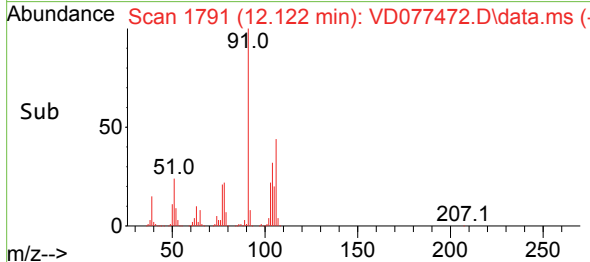
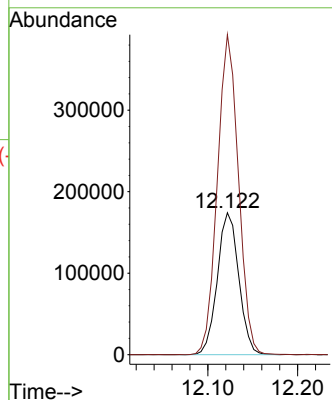
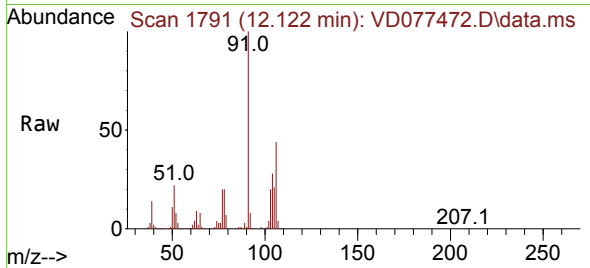




#69
o-Xylene
Concen: 49.297 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

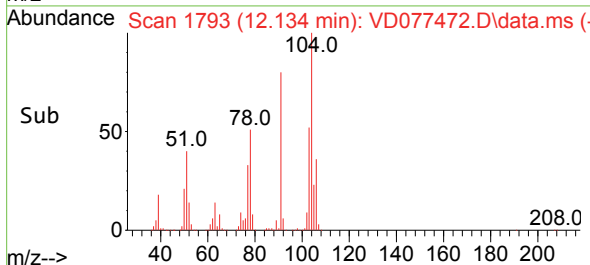
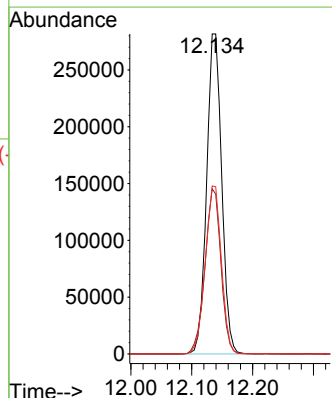
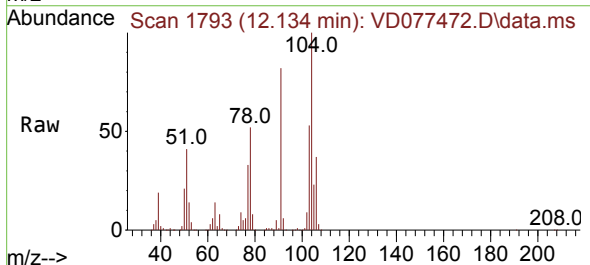
Instrument :
MSVOA_D
ClientSampleId :

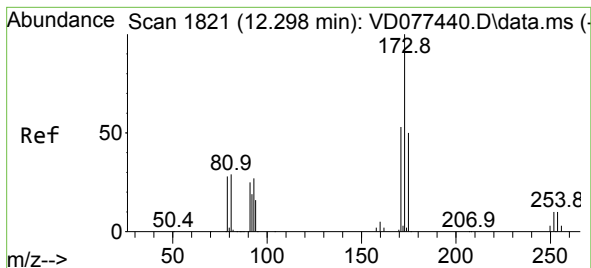
Tgt Ion:106 Resp: 289041
Ion Ratio Lower Upper
106 100
91 221.9 97.9 293.6



#70
Styrene
Concen: 47.872 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion:104 Resp: 484219
Ion Ratio Lower Upper
104 100
78 54.6 33.2 49.8#
103 56.1 43.6 65.4





#71

Bromoform

Concen: 46.050 ug/l

RT: 12.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077472.D

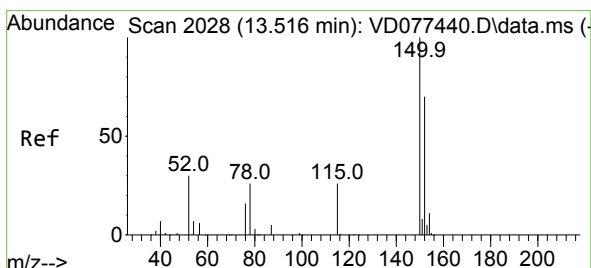
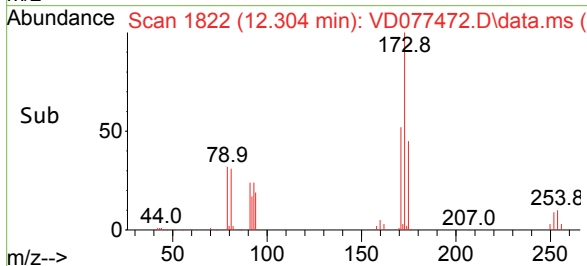
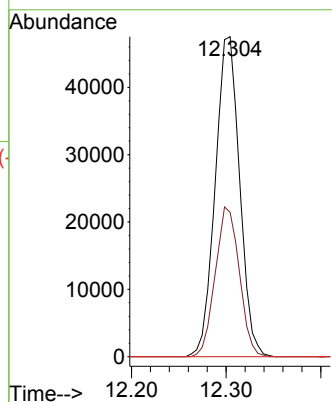
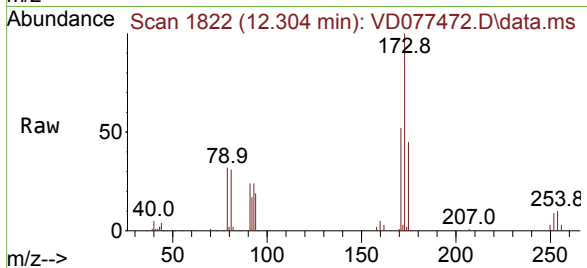
Acq: 01 Nov 2023 10:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	173	Resp:	84995
Ion Ratio	Lower	Upper	
173	100		
175	46.2	24.6	73.8
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

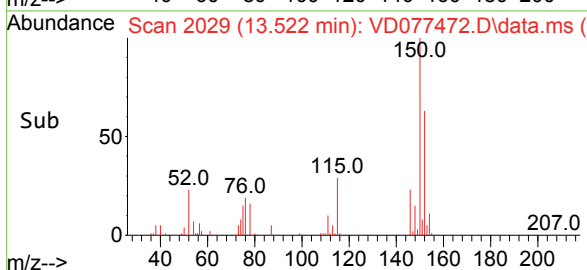
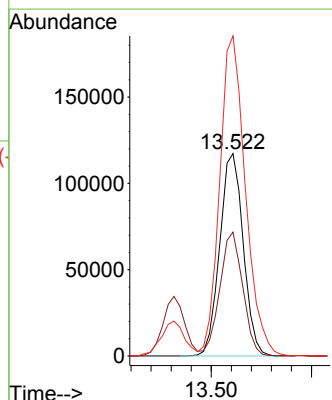
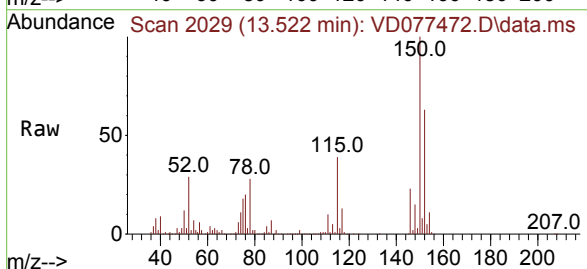
RT: 13.522 min Scan# 2029

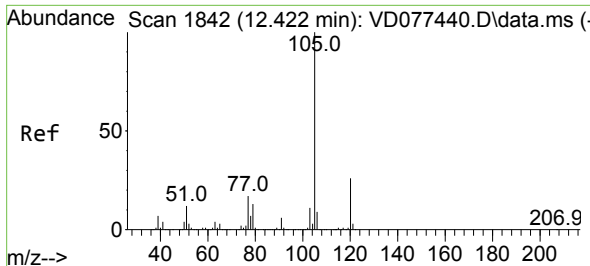
Delta R.T. 0.006 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

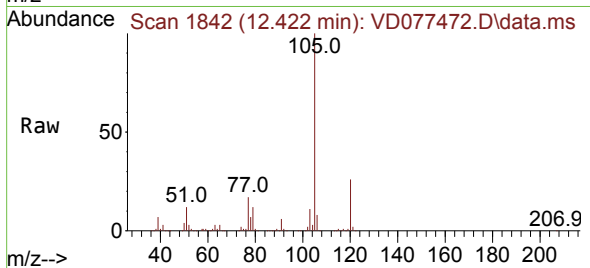
Tgt Ion:	152	Resp:	190627
Ion Ratio	Lower	Upper	
152	100		
115	60.0	27.1	81.3
150	173.1	0.0	353.6



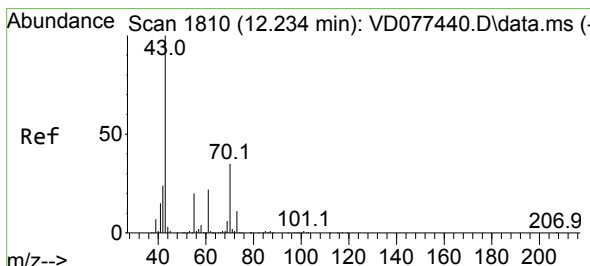
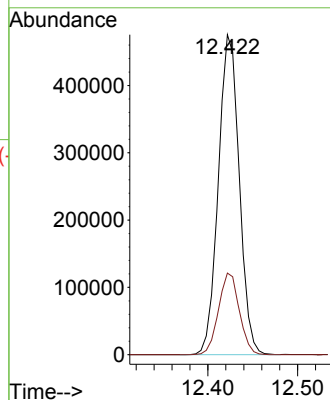
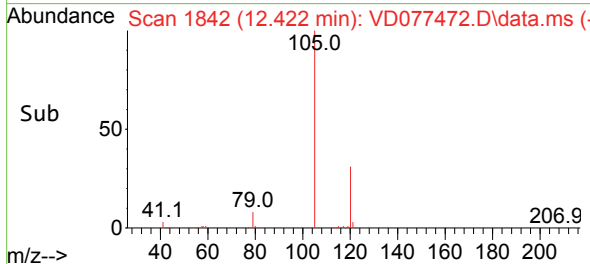


#73
Isopropylbenzene
Concen: 49.476 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

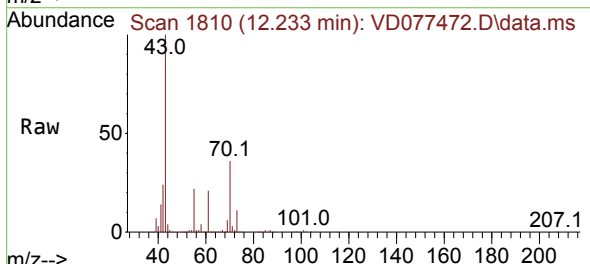
Instrument :
MSVOA_D
ClientSampleId :



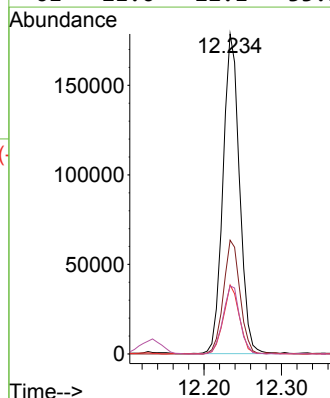
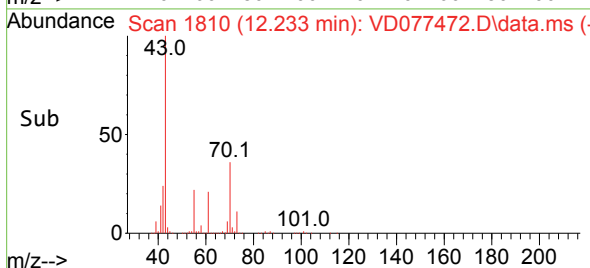
Tgt Ion:105 Resp: 768951
Ion Ratio Lower Upper
105 100
120 25.3 14.3 42.9

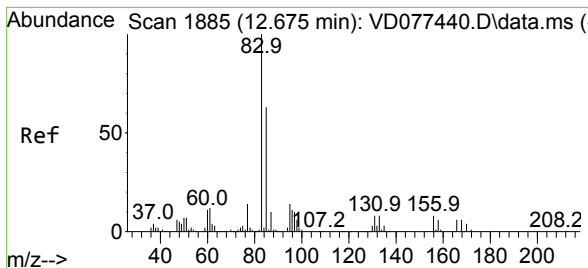


#74
N-ethyl acetate
Concen: 48.279 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09



Tgt Ion: 43 Resp: 265780
Ion Ratio Lower Upper
43 100
70 35.6 45.0 67.4#
55 20.8 23.8 35.6#
61 21.6 22.1 33.1#

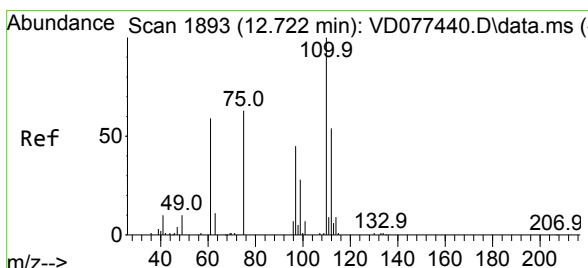
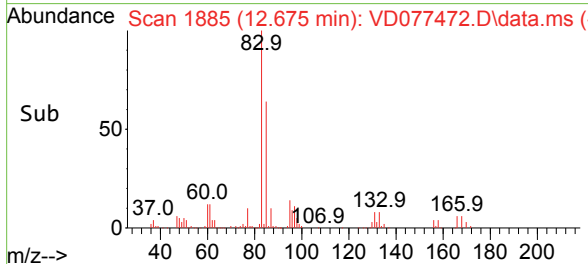
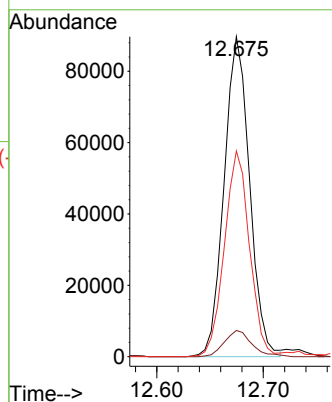
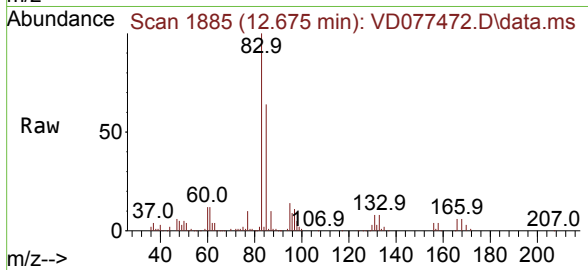




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.895 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077472.D
 Acq: 01 Nov 2023 10:09

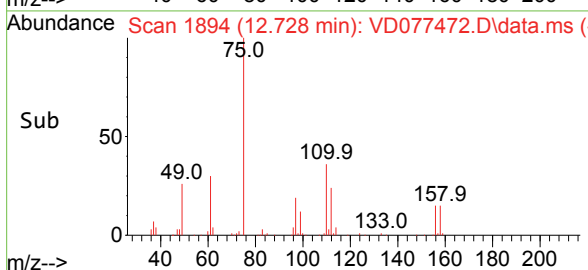
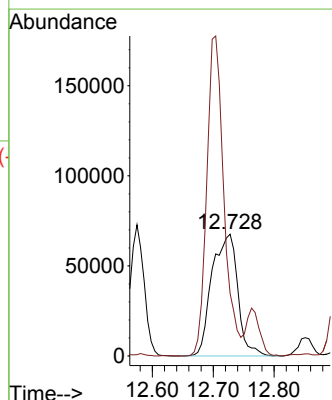
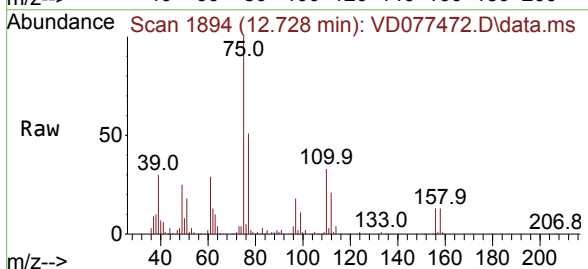
Instrument :
 MSVOA_D
 ClientSampleId :

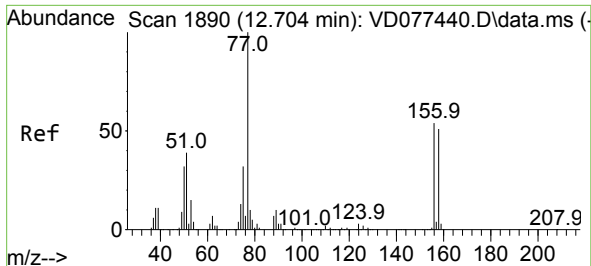
Tgt Ion: 83 Resp: 148961
 Ion Ratio Lower Upper
 83 100
 131 8.8 5.1 15.3
 85 63.4 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 85.852 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD077472.D
 Acq: 01 Nov 2023 10:09

Tgt Ion: 75 Resp: 199186
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

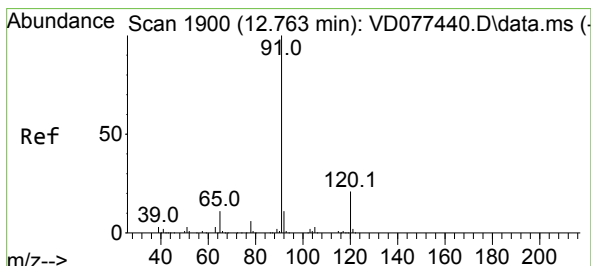
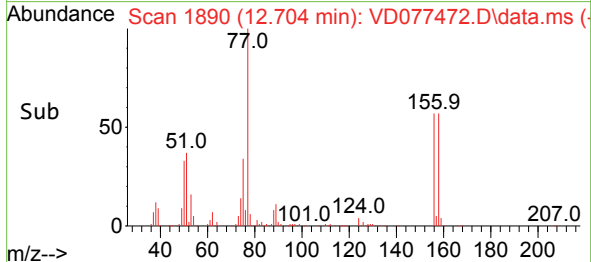
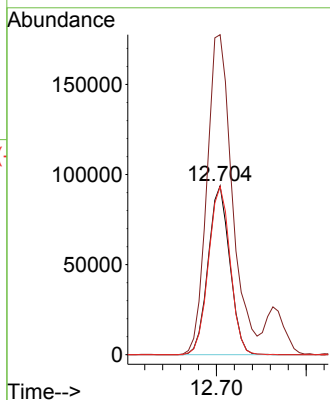
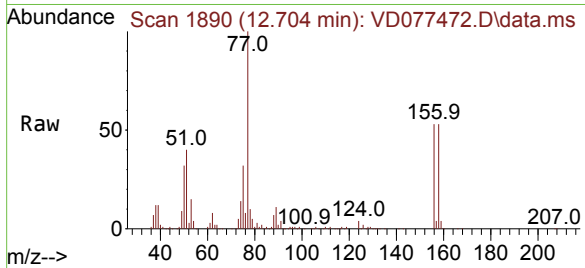




#77
Bromobenzene
Concen: 45.771 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

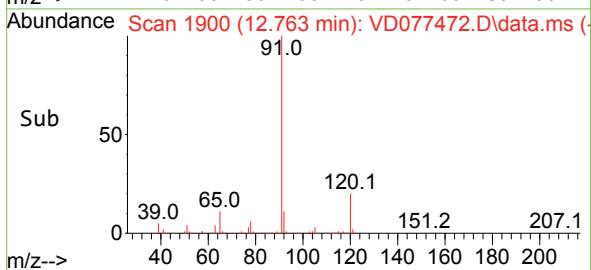
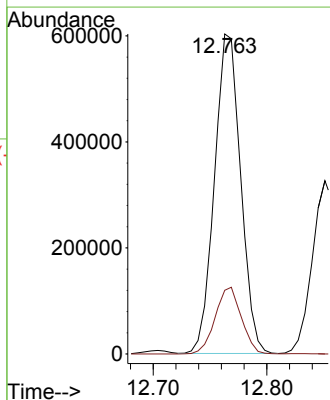
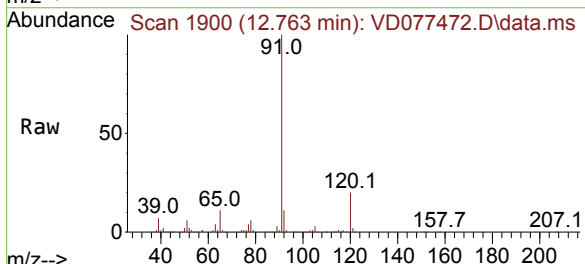
Instrument :
MSVOA_D
ClientSampleId :

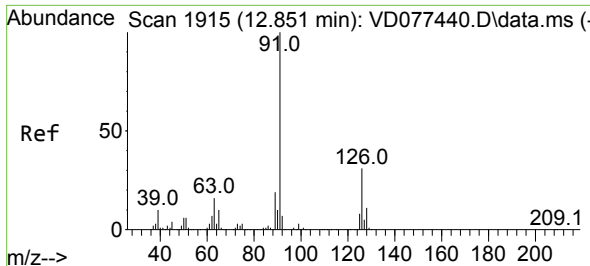
Tgt Ion:156 Resp: 156583
Ion Ratio Lower Upper
156 100
77 221.7 76.8 230.4
158 100.2 48.6 145.9



#78
n-propylbenzene
Concen: 48.952 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 91 Resp: 966029
Ion Ratio Lower Upper
91 100
120 20.8 12.4 37.2

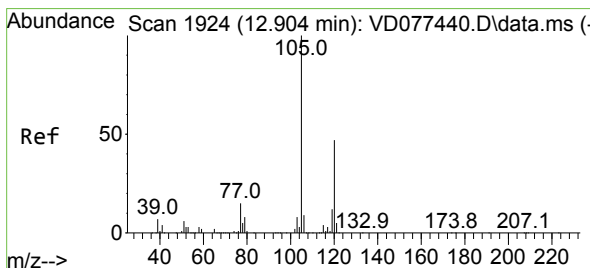
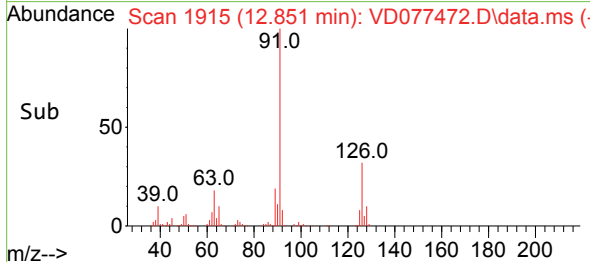
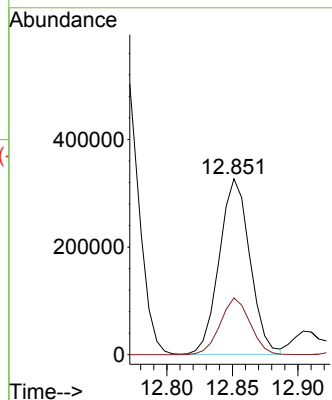
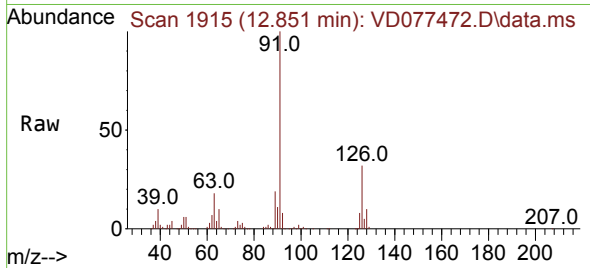




#79
2-Chlorotoluene
Concen: 47.552 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

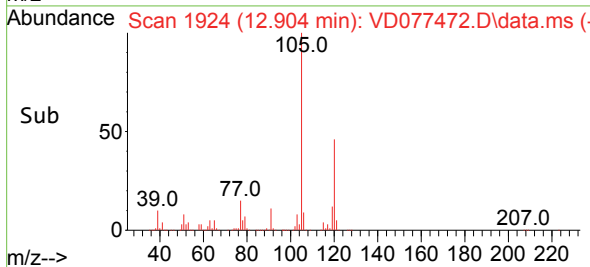
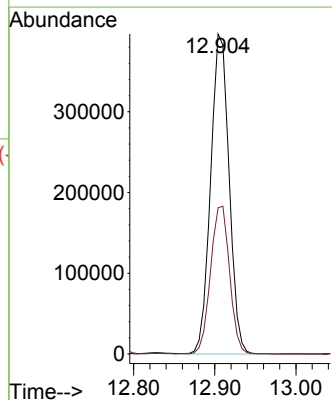
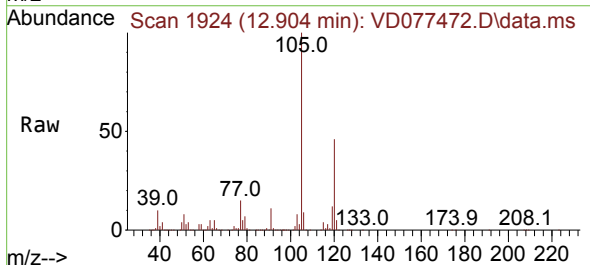
Instrument :
MSVOA_D
ClientSampleId :

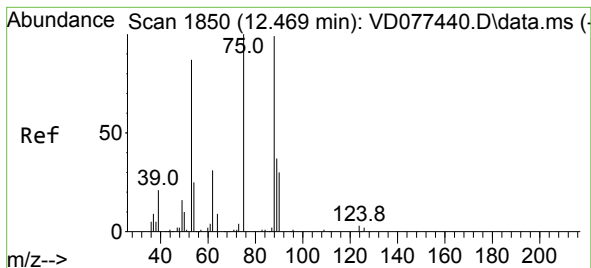
Tgt Ion: 91 Resp: 531323
Ion Ratio Lower Upper
91 100
126 31.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 48.047 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 105 Resp: 626582
Ion Ratio Lower Upper
105 100
120 47.6 26.4 79.2

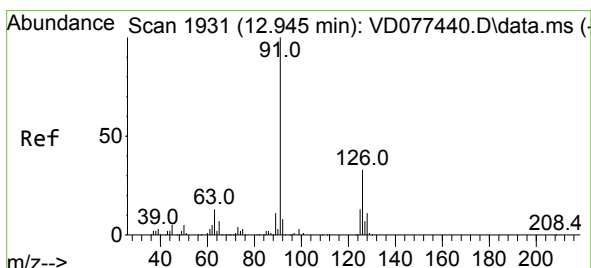
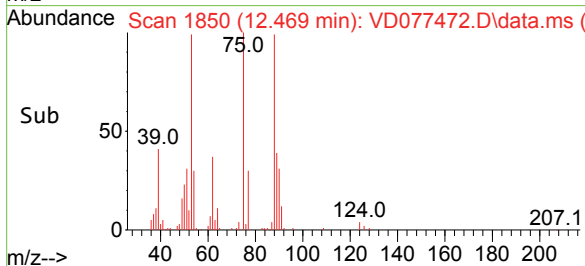
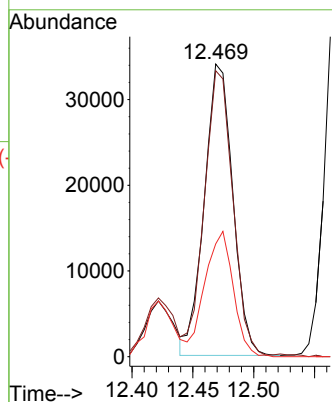
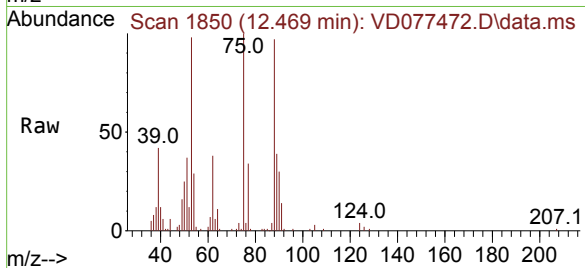




#81
trans-1,4-Dichloro-2-butene
Concen: 46.079 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

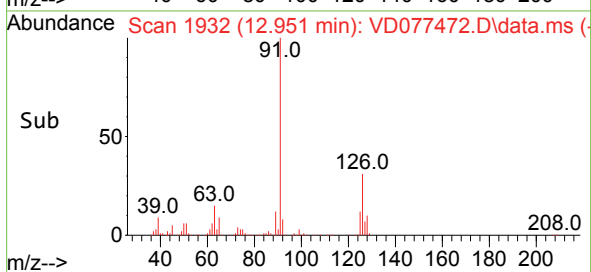
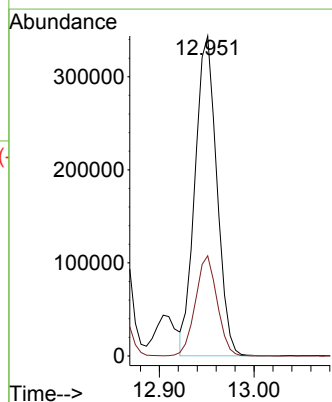
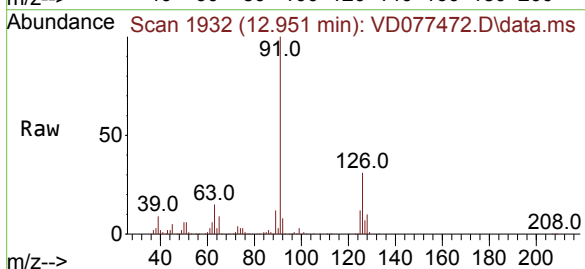
Instrument :
MSVOA_D
ClientSampleId :

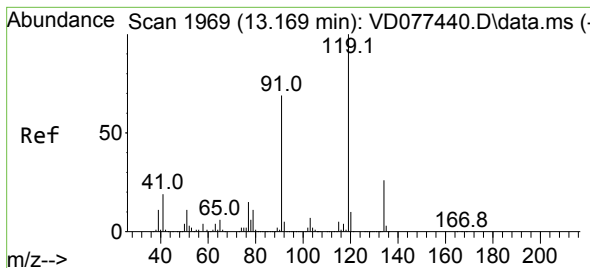
Tgt Ion: 75 Resp: 55346
Ion Ratio Lower Upper
75 100
53 97.7 63.0 94.4#
89 42.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 47.054 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 91 Resp: 547651
Ion Ratio Lower Upper
91 100
126 31.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 47.733 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

Instrument :

MSVOA_D

ClientSampleId :

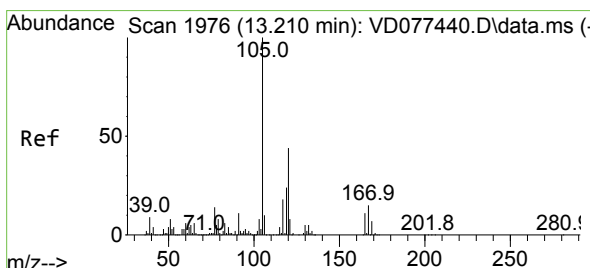
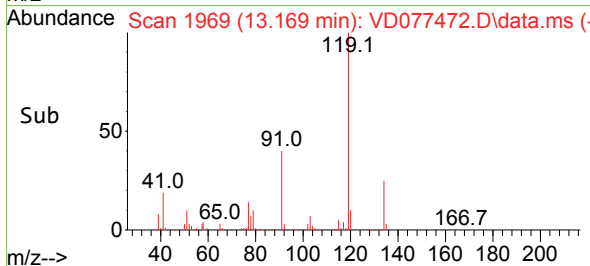
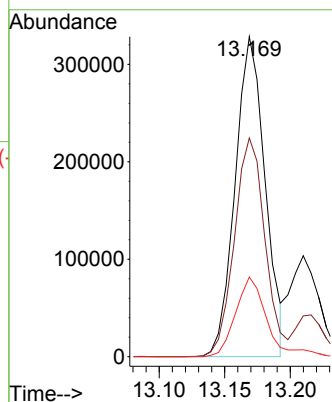
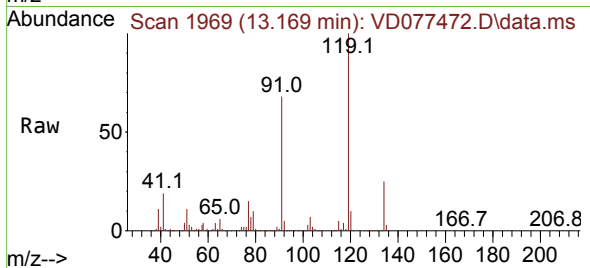
Tgt Ion:119 Resp: 523370

Ion Ratio Lower Upper

119 100

91 69.9 29.3 87.8

134 26.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 48.098 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077472.D

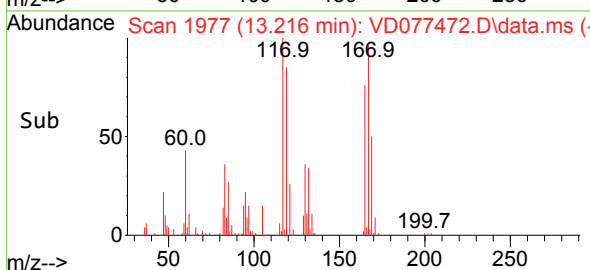
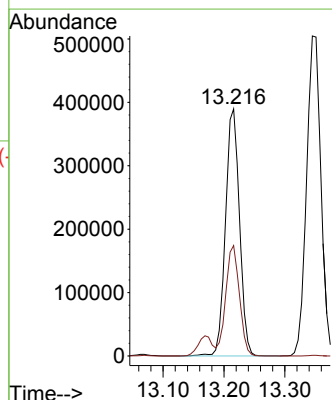
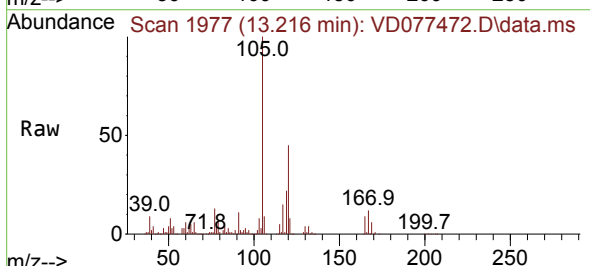
Acq: 01 Nov 2023 10:09

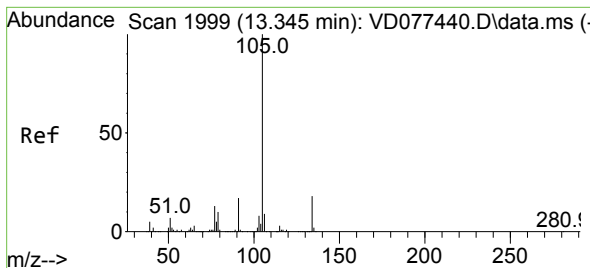
Tgt Ion:105 Resp: 623083

Ion Ratio Lower Upper

105 100

120 43.6 24.3 72.9





#85

sec-Butylbenzene

Concen: 49.228 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

Instrument :

MSVOA_D

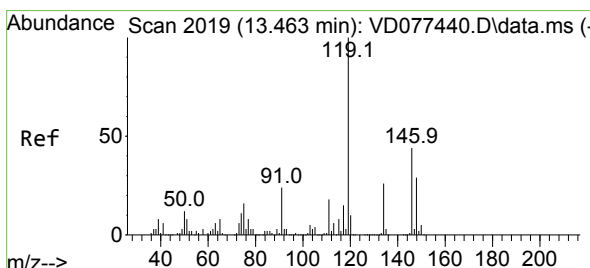
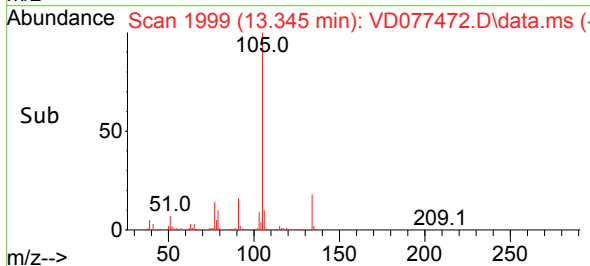
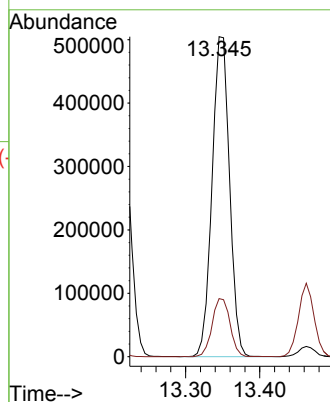
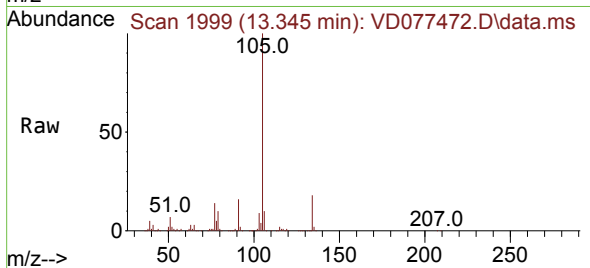
ClientSampleId :

Tgt Ion:105 Resp: 825850

Ion Ratio Lower Upper

105 100

134 18.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 48.503 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

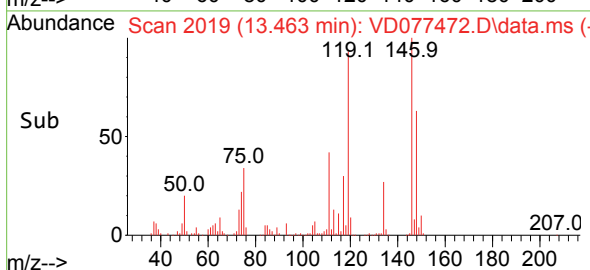
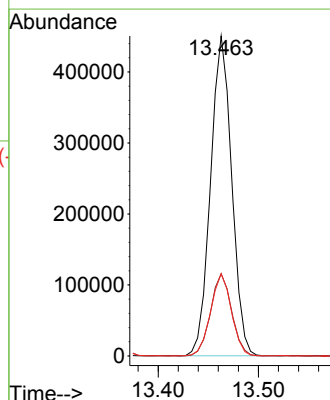
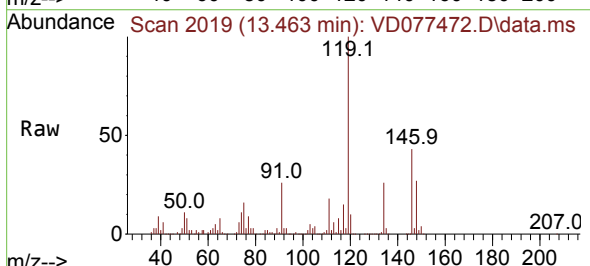
Tgt Ion:119 Resp: 661390

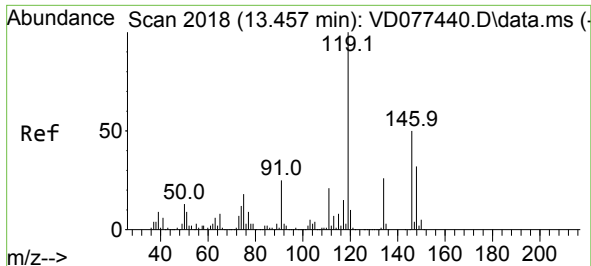
Ion Ratio Lower Upper

119 100

134 25.6 14.2 42.6

91 25.2 10.5 31.5

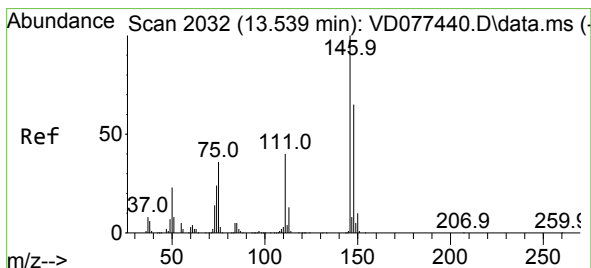
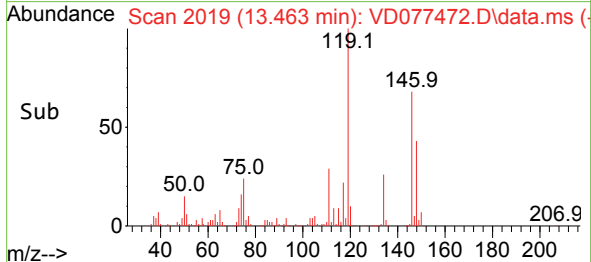
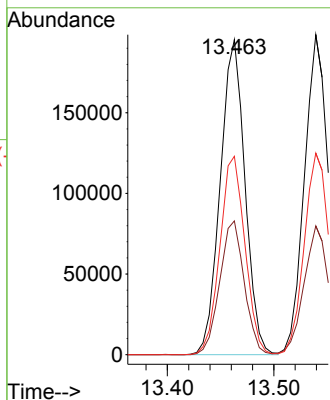
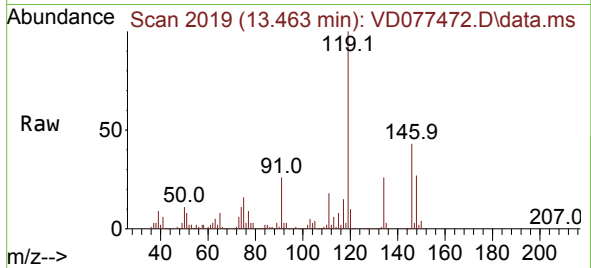




#87
1,3-Dichlorobenzene
Concen: 46.864 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

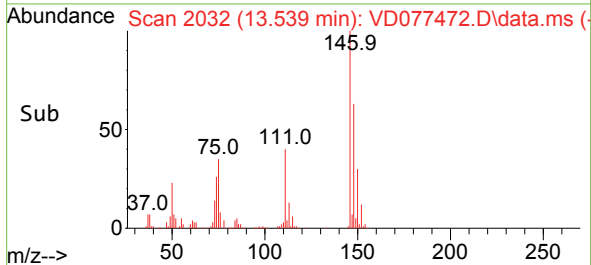
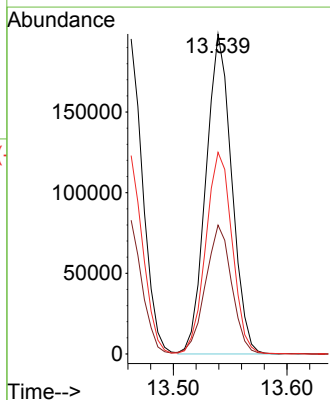
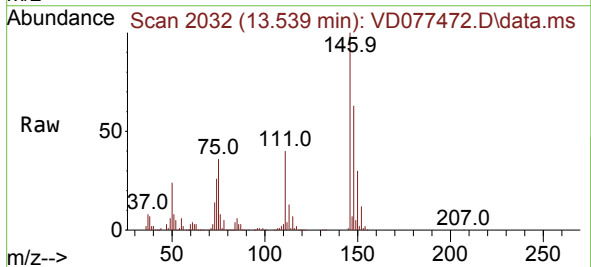
Instrument :
MSVOA_D
ClientSampleId :

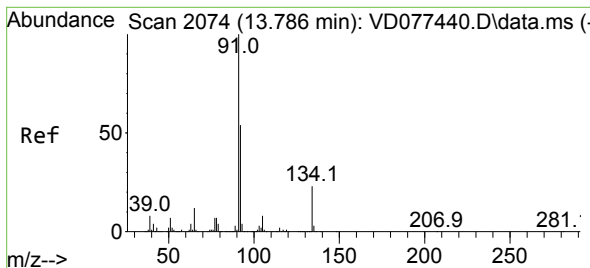
Tgt Ion:146 Resp: 315138
Ion Ratio Lower Upper
146 100
111 42.1 17.9 53.8
148 63.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 46.659 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion:146 Resp: 313480
Ion Ratio Lower Upper
146 100
111 40.8 17.4 52.3
148 64.5 31.7 95.1





#89

n-Butylbenzene

Concen: 48.954 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. 0.006 min

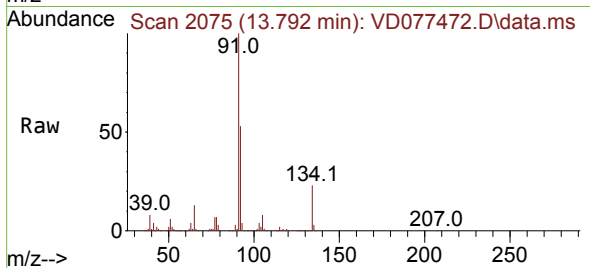
Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

Instrument :

MSVOA_D

ClientSampleId :



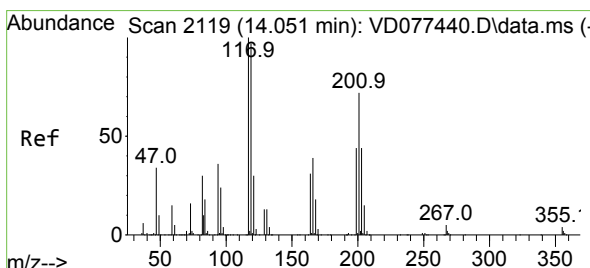
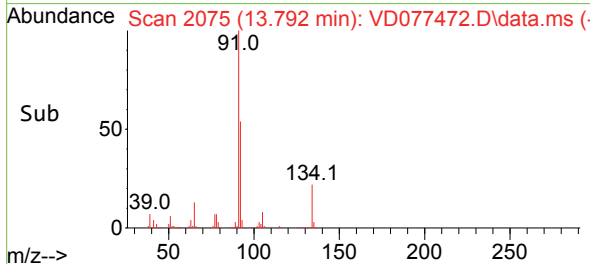
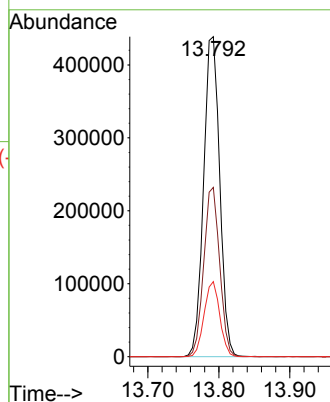
Tgt Ion: 91 Resp: 693818

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.5

134 22.8 13.8 41.3



#90

Hexachloroethane

Concen: 47.457 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077472.D

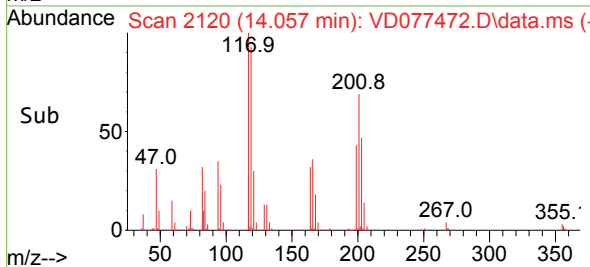
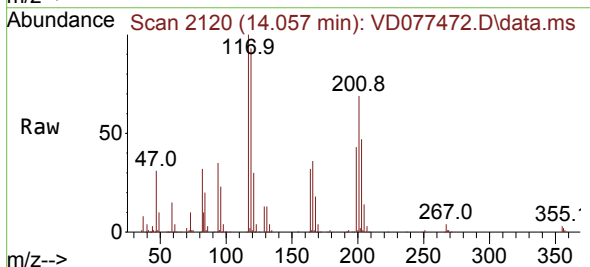
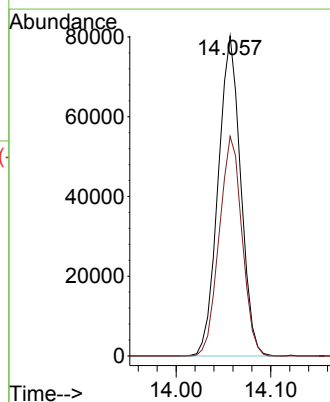
Acq: 01 Nov 2023 10:09

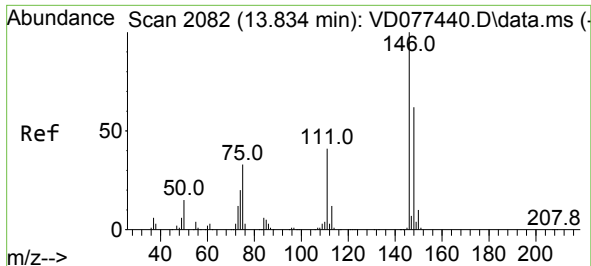
Tgt Ion: 117 Resp: 132424

Ion Ratio Lower Upper

117 100

201 69.6 38.5 115.5

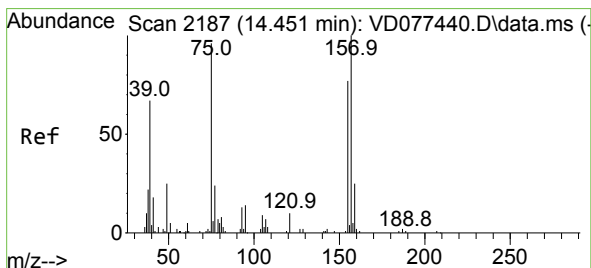
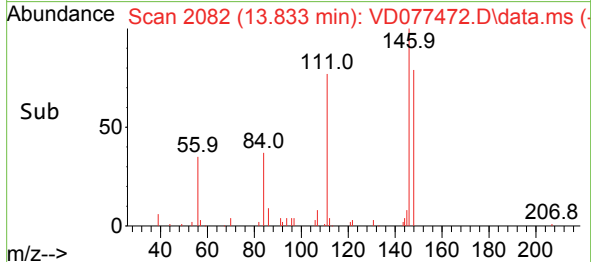
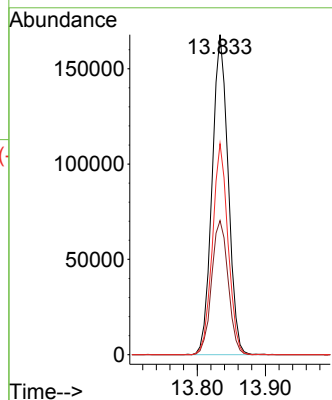
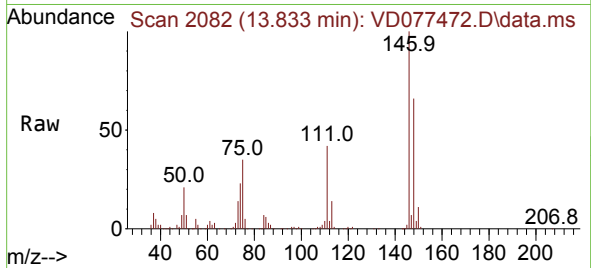




#91
1,2-Dichlorobenzene
Concen: 46.525 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

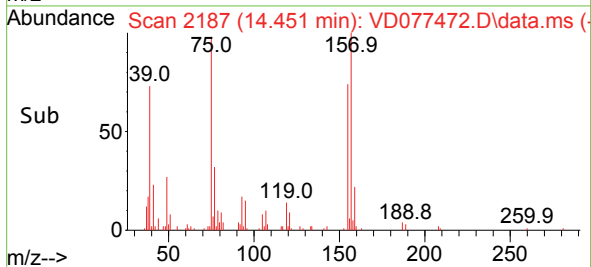
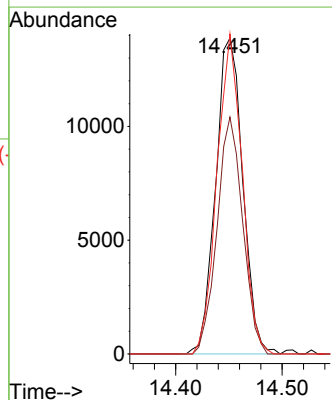
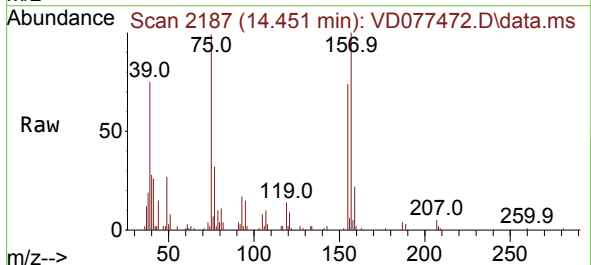
Instrument :
MSVOA_D
ClientSampleId :

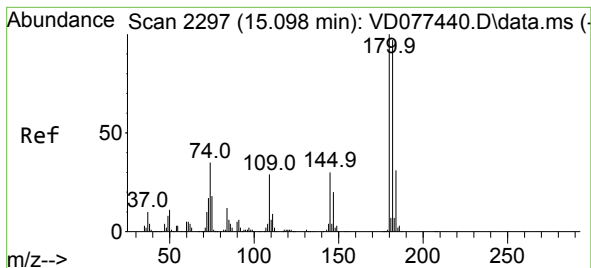
Tgt Ion:146 Resp: 274952
Ion Ratio Lower Upper
146 100
111 43.1 18.3 54.8
148 63.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.792 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion: 75 Resp: 24529
Ion Ratio Lower Upper
75 100
155 71.0 47.9 143.8
157 93.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 45.888 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

Instrument :

MSVOA_D

ClientSampleId :

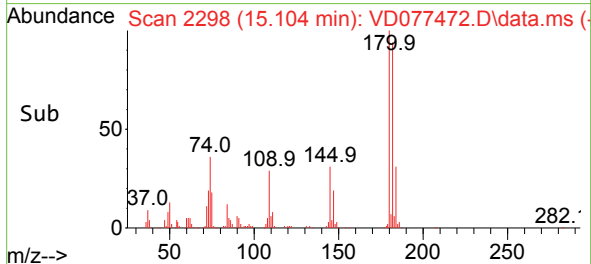
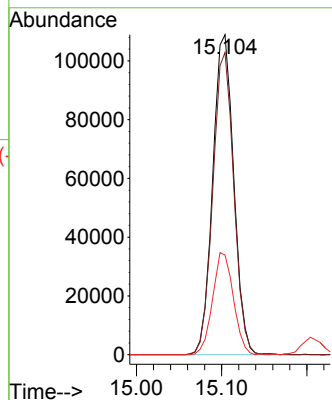
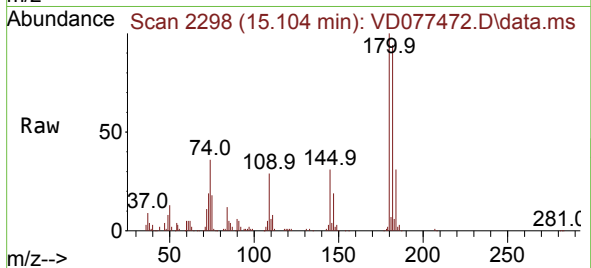
Tgt Ion:180 Resp: 186300

Ion Ratio Lower Upper

180 100

182 94.0 48.5 145.6

145 31.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 46.506 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077472.D

Acq: 01 Nov 2023 10:09

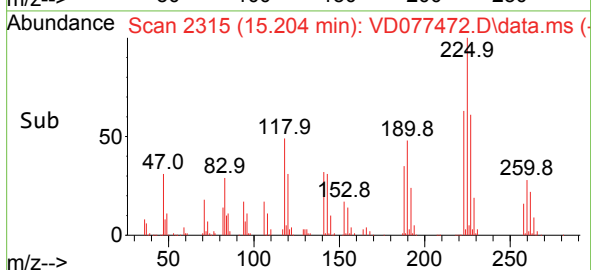
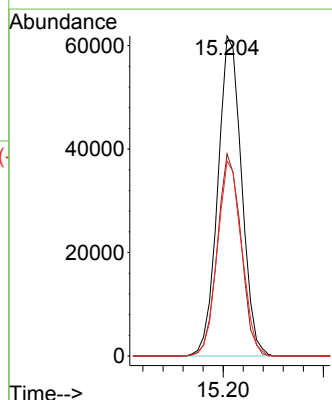
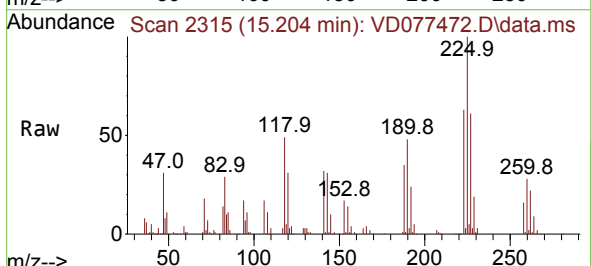
Tgt Ion:225 Resp: 101844

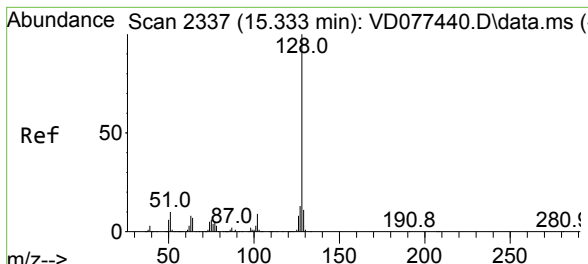
Ion Ratio Lower Upper

225 100

223 62.6 31.6 94.8

227 62.1 31.7 95.1

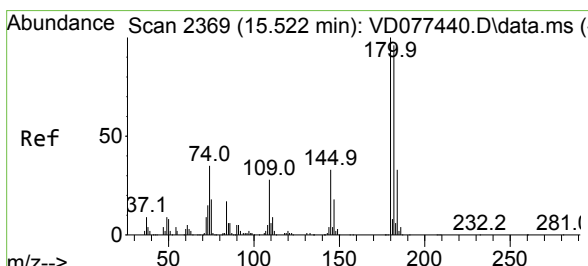
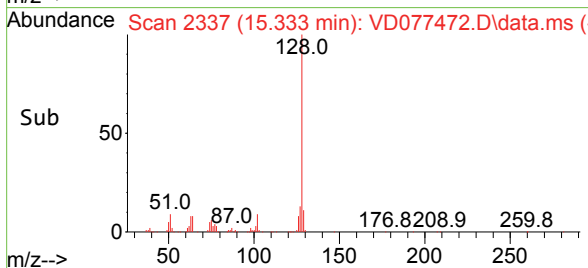
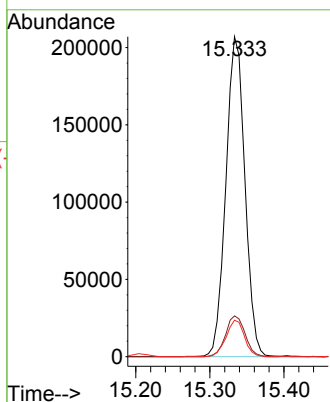
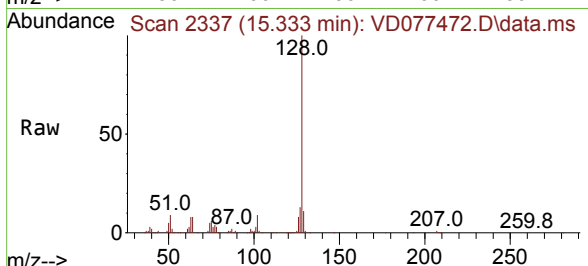




#95
Naphthalene
Concen: 47.720 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	369583
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.217 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077472.D
Acq: 01 Nov 2023 10:09

Tgt Ion:	180	Resp:	161965
Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	141.9
145	31.2	15.1	45.3

