

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077893.D
 Acq On : 15 Dec 2023 09:36
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 16 03:56:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	135961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	226822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	111571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79389	49.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.100%
35) Dibromofluoromethane	7.810	113	81672	51.405	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.800%
50) Toluene-d8	10.269	98	336174	52.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.660%
62) 4-Bromofluorobenzene	12.575	95	96990	50.980	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	85512	50.349	ug/l	99
3) Chloromethane	2.152	50	129809	56.073	ug/l	100
4) Vinyl Chloride	2.293	62	181803	57.848	ug/l	98
5) Bromomethane	2.699	94	122152	69.268	ug/l	98
6) Chloroethane	2.846	64	122472	57.160	ug/l	97
7) Trichlorofluoromethane	3.181	101	159884	55.238	ug/l	99
8) Diethyl Ether	3.599	74	43719	53.790	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.969	101	93277	56.331	ug/l	97
10) Methyl Iodide	4.169	142	93568	62.522	ug/l	92
11) Tert butyl alcohol	5.046	59	20872	271.504	ug/l #	90
12) 1,1-Dichloroethene	3.946	96	92126	56.370	ug/l	88
13) Acrolein	3.805	56	39857	235.182	ug/l	96
14) Allyl chloride	4.563	41	117770	52.395	ug/l	89
15) Acrylonitrile	5.263	53	99469	285.837	ug/l	99
16) Acetone	4.022	43	92863	270.829	ug/l	88
17) Carbon Disulfide	4.275	76	287531	52.003	ug/l	97
18) Methyl Acetate	4.563	43	73480	58.237	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	197487	56.955	ug/l	97
20) Methylene Chloride	4.805	84	103636	55.118	ug/l #	80
21) trans-1,2-Dichloroethene	5.322	96	105943	57.232	ug/l	96
22) Diisopropyl ether	6.216	45	262420	55.868	ug/l	91
23) Vinyl Acetate	6.157	43	615162	268.186	ug/l	95
24) 1,1-Dichloroethane	6.116	63	176598	55.518	ug/l	97
25) 2-Butanone	7.081	43	115263	262.477	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	153689	57.547	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	117244	58.862	ug/l	92
28) Bromochloromethane	7.428	49	66014	51.359	ug/l	81
29) Tetrahydrofuran	7.446	42	67990	266.502	ug/l	89
30) Chloroform	7.599	83	180167	56.594	ug/l	96
31) Cyclohexane	7.881	56	147062	51.607	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	157315	56.055	ug/l	99
36) 1,1-Dichloropropene	8.010	75	142583	56.104	ug/l	97
37) Ethyl Acetate	7.169	43	49516	49.969	ug/l #	73
38) Carbon Tetrachloride	7.993	117	145389	57.384	ug/l	98
39) Methylcyclohexane	9.275	83	170967	56.747	ug/l	93
40) Benzene	8.251	78	412453	57.182	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	32467	64.462	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	102512	54.828	ug/l	95
43) Isopropyl Acetate	8.363	43	97631	55.424	ug/l #	91
44) Trichloroethene	9.028	130	105491	56.121	ug/l	91
45) 1,2-Dichloropropane	9.304	63	100754	57.460	ug/l	100
46) Dibromomethane	9.393	93	53018	57.145	ug/l	95
47) Bromodichloromethane	9.587	83	132800	56.472	ug/l	95
48) Methyl methacrylate	9.381	41	53594	53.522	ug/l	83
49) 1,4-Dioxane	9.387	88	10423	1131.392	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	249589	277.625	ug/l	91
52) Toluene	10.334	92	262516	58.672	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	129538	57.363	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	157259	57.598	ug/l #	85
55) 1,1,2-Trichloroethane	10.734	97	70985	55.935	ug/l	92
56) Ethyl methacrylate	10.598	69	64590	57.736	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	125245	57.255	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	160379	251.388	ug/l	94
59) 2-Hexanone	10.922	43	182336	244.463	ug/l	89
60) Dibromochloromethane	11.075	129	89377	58.496	ug/l	96
61) 1,2-Dibromoethane	11.181	107	67069	56.143	ug/l	99
64) Tetrachloroethene	10.810	164	86417	56.485	ug/l	91
65) Chlorobenzene	11.610	112	269503	55.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	99680	57.587	ug/l	98
67) Ethyl Benzene	11.687	91	501904	57.916	ug/l	99
68) m/p-Xylenes	11.792	106	390962	117.943	ug/l	93
69) o-Xylene	12.122	106	180519	59.090	ug/l	94
70) Styrene	12.134	104	272955	60.087	ug/l	96
71) Bromoform	12.304	173	52239	57.759	ug/l #	97
73) Isopropylbenzene	12.422	105	486017	57.475	ug/l	95
74) N-amyl acetate	12.234	43	84634	50.916	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	82166	55.727	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	103192	106.493	ug/l #	100
77) Bromobenzene	12.704	156	108825	54.714	ug/l	90
78) n-propylbenzene	12.763	91	587974	57.063	ug/l	96
79) 2-Chlorotoluene	12.851	91	305309	55.289	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	398081	56.444	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	27566	57.637	ug/l	97
82) 4-Chlorotoluene	12.945	91	326891	56.626	ug/l	95
83) tert-Butylbenzene	13.169	119	347251	58.321	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	410568	58.203	ug/l	96
85) sec-Butylbenzene	13.345	105	516793	58.719	ug/l	95
86) p-Isopropyltoluene	13.463	119	458897	58.237	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	228998	56.300	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	223175	55.136	ug/l	99
89) n-Butylbenzene	13.786	91	432044	58.269	ug/l	98
90) Hexachloroethane	14.057	117	86548	59.723	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	192575	55.669	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12597	59.159	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	122474	51.833	ug/l	99
94) Hexachlorobutadiene	15.204	225	70566	55.382	ug/l	99
95) Naphthalene	15.333	128	223818	57.010	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	104916	53.859	ug/l	97

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QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

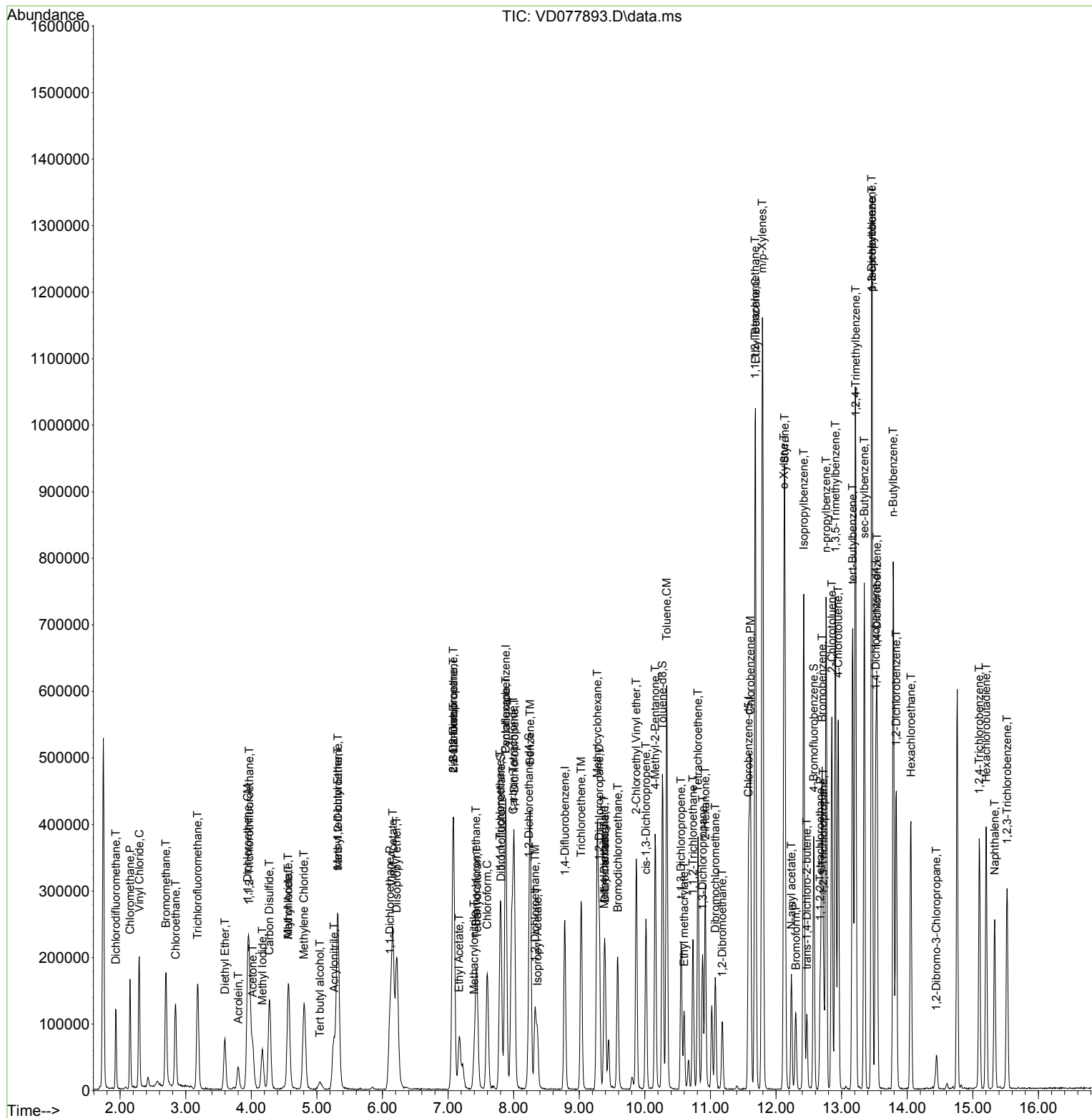
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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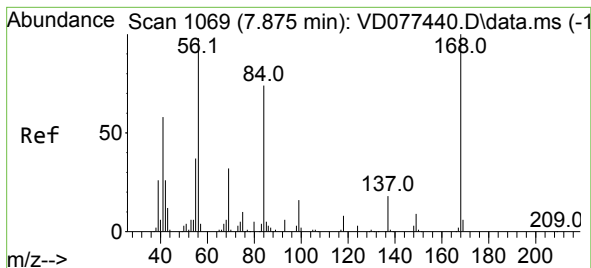
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

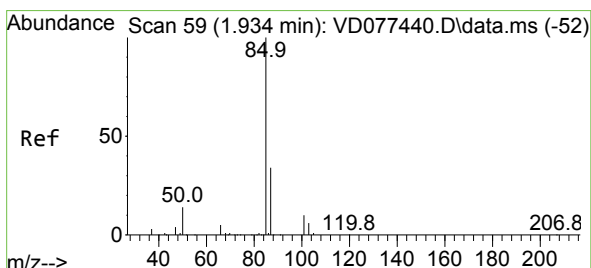
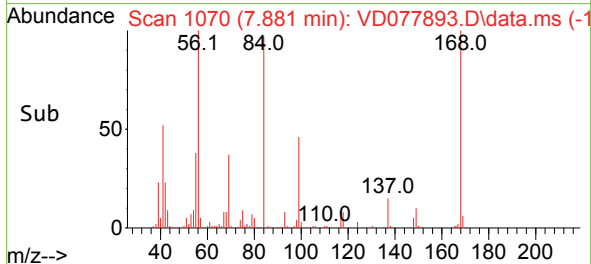
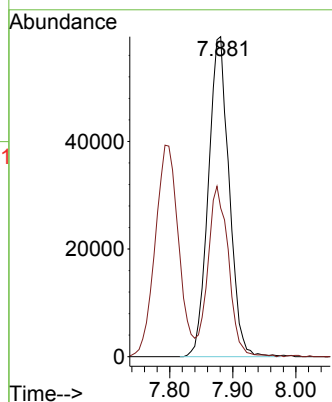
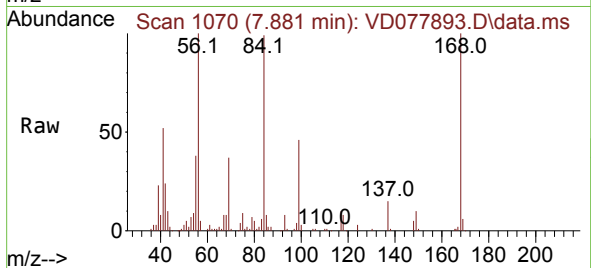
ClientSampleId :

Tgt Ion:168 Resp: 135961

Ion Ratio Lower Upper

168 100

99 46.1 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 50.349 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077893.D

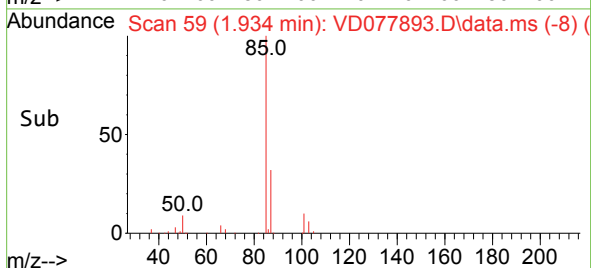
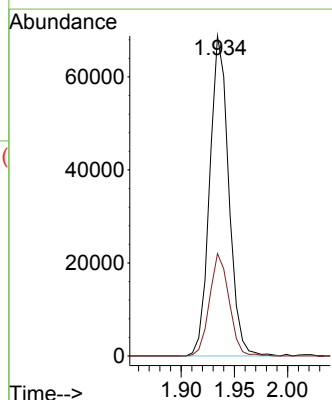
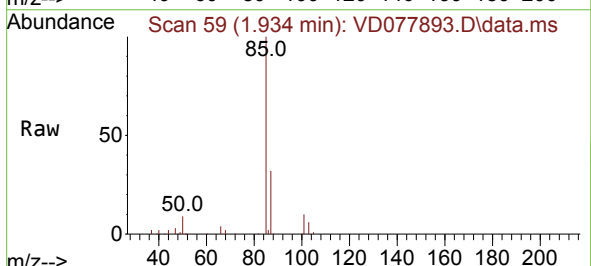
Acq: 15 Dec 2023 09:36

Tgt Ion: 85 Resp: 85512

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.0

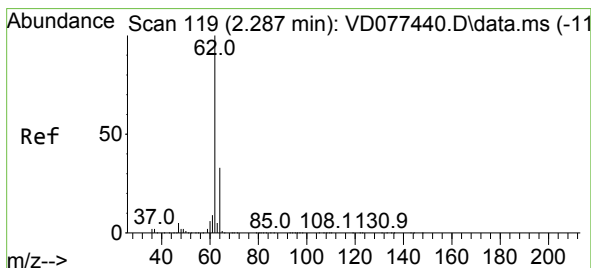
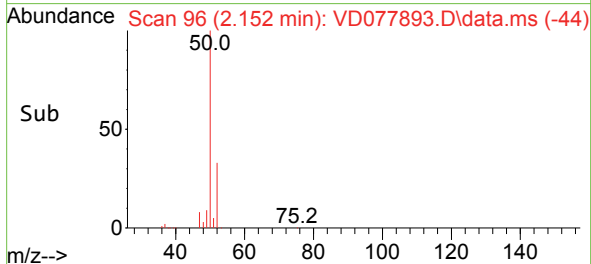
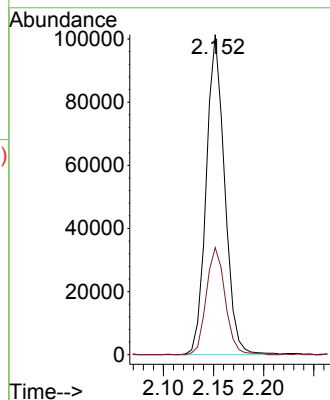
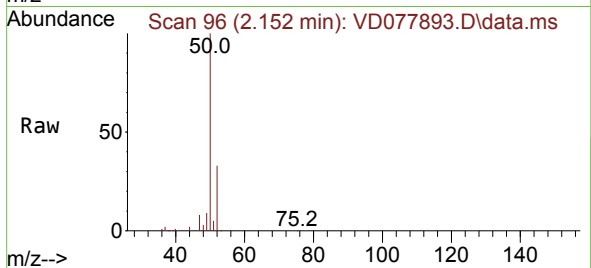




#3
Chloromethane
Concen: 56.073 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

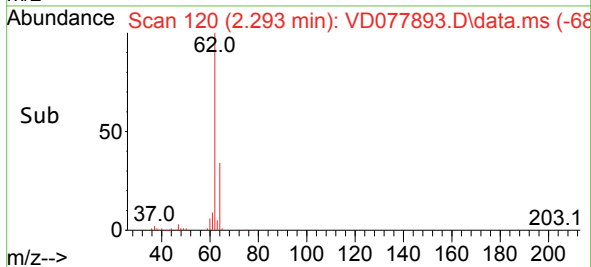
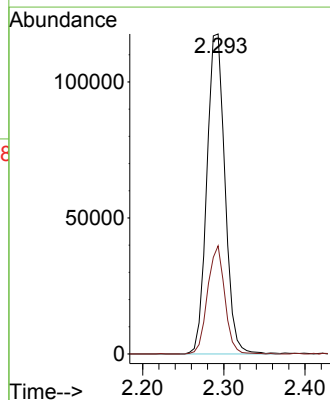
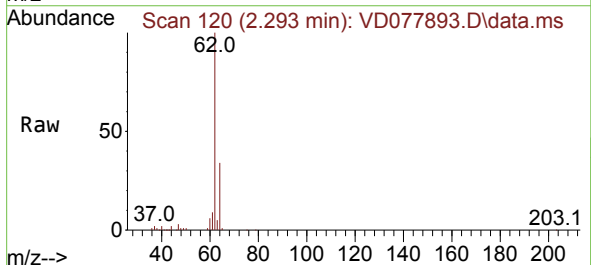
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 129809
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



#4
Vinyl Chloride
Concen: 57.848 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 62 Resp: 181803
Ion Ratio Lower Upper
62 100
64 33.8 26.0 39.0

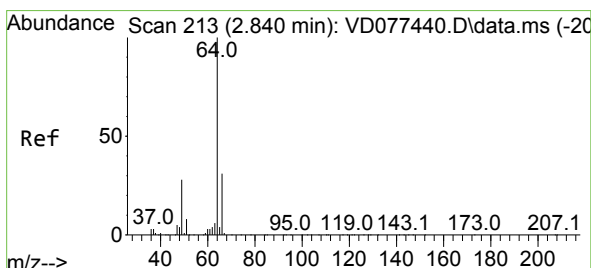
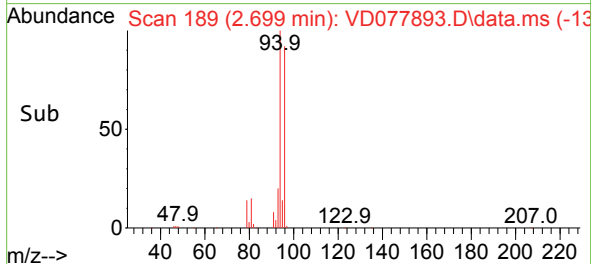
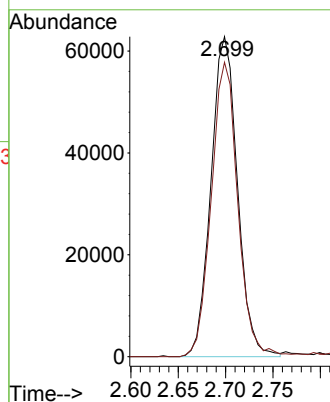
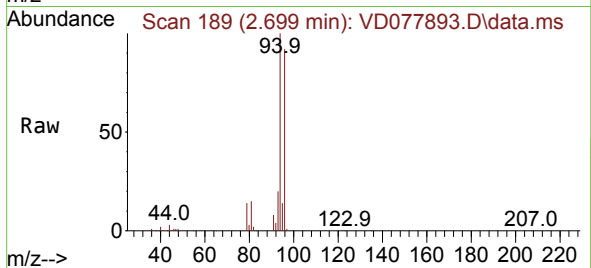




#5
Bromomethane
Concen: 69.268 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

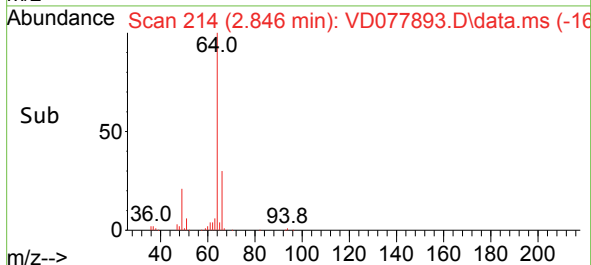
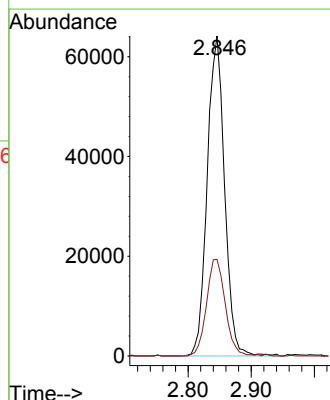
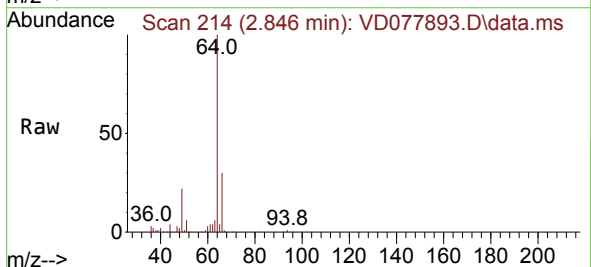
Instrument :
MSVOA_D
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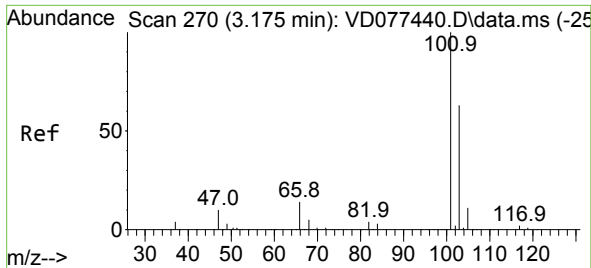
Tgt Ion: 94 Resp: 122152
Ion Ratio Lower Upper
94 100
96 92.5 75.8 113.8



#6
Chloroethane
Concen: 57.160 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 64 Resp: 122472
Ion Ratio Lower Upper
64 100
66 30.2 25.5 38.3

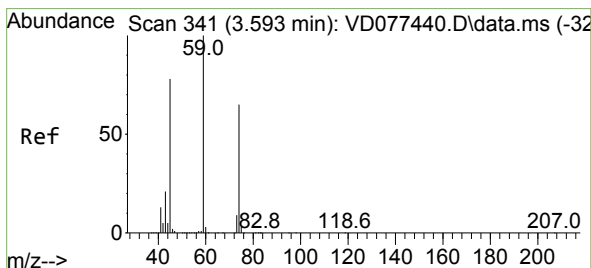
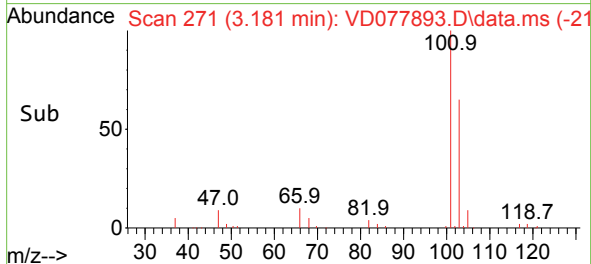
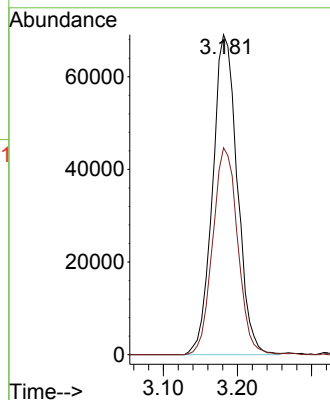
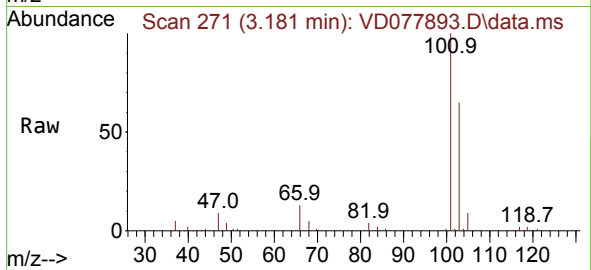




#7
 Trichlorofluoromethane
 Concen: 55.238 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077893.D
 Acq: 15 Dec 2023 09:36

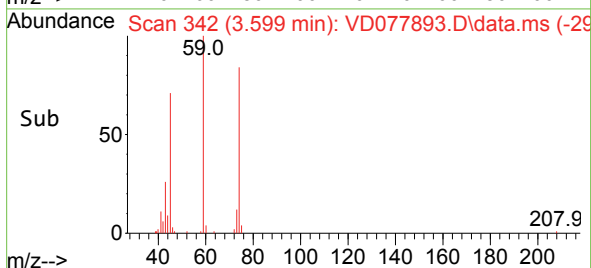
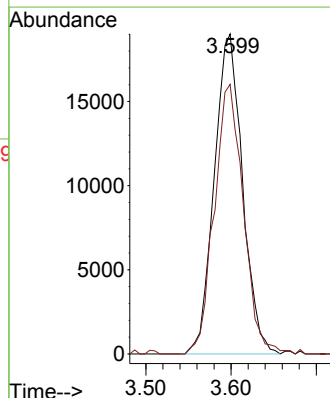
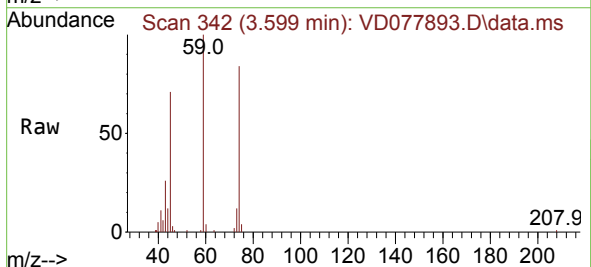
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:101 Resp: 159884
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 53.790 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077893.D
 Acq: 15 Dec 2023 09:36

Tgt Ion: 74 Resp: 43719
 Ion Ratio Lower Upper
 74 100
 45 86.8 37.5 112.7

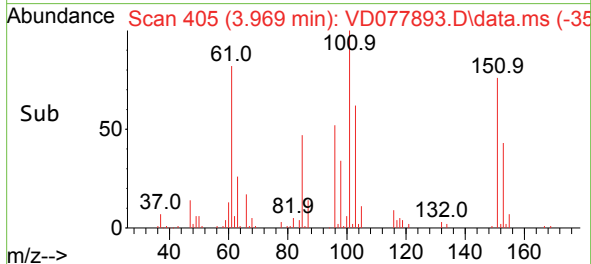
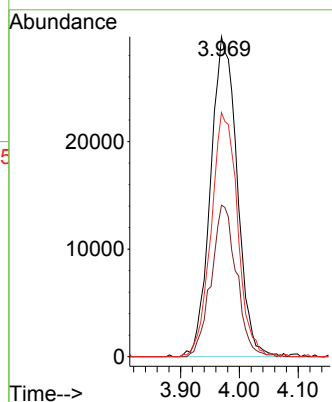
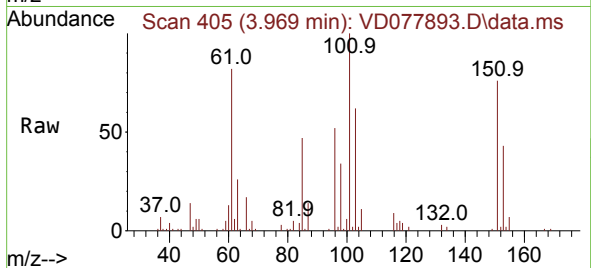




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.331 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

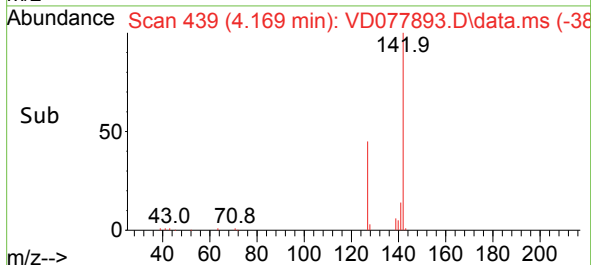
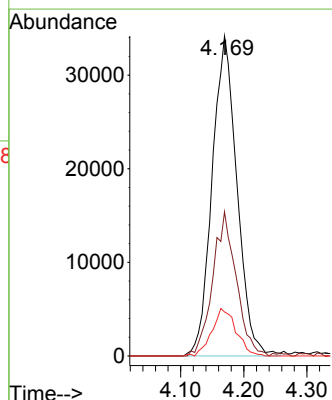
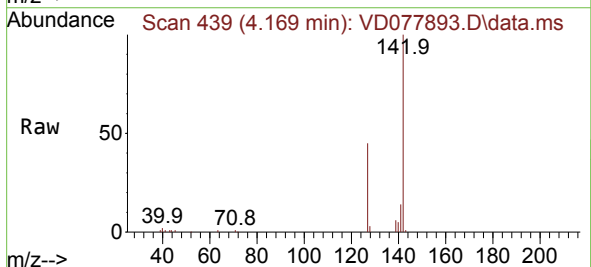
Instrument :
MSVOA_D
ClientSampleId :

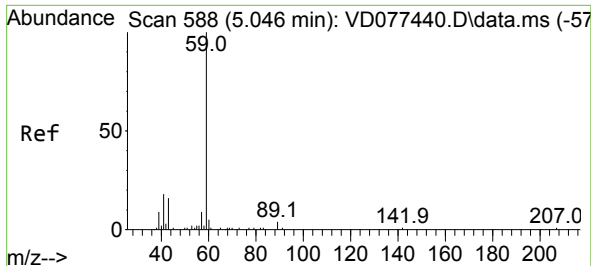
Tgt Ion:101 Resp: 93277
Ion Ratio Lower Upper
101 100
85 45.2 33.8 50.6
151 75.9 59.8 89.6



#10
Methyl Iodide
Concen: 62.522 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion:142 Resp: 93568
Ion Ratio Lower Upper
142 100
127 42.7 29.4 44.0
141 14.5 11.1 16.7

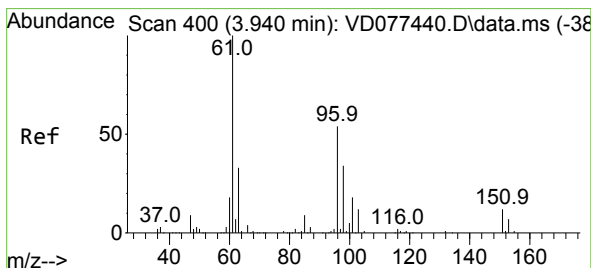
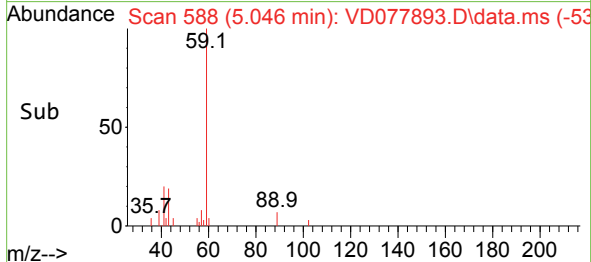
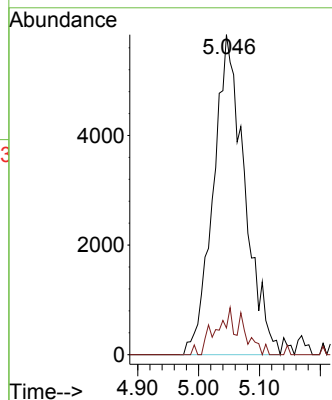
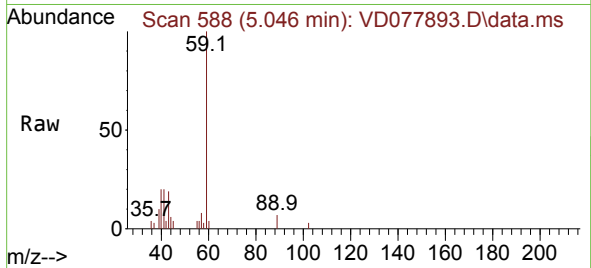




#11
Tert butyl alcohol
Concen: 271.504 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

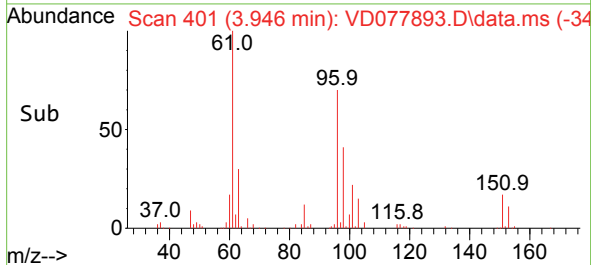
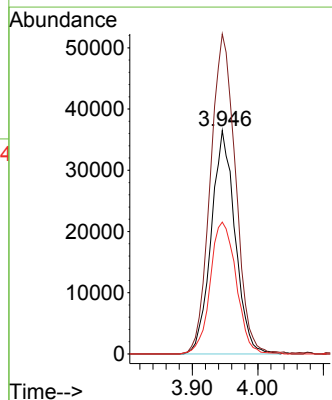
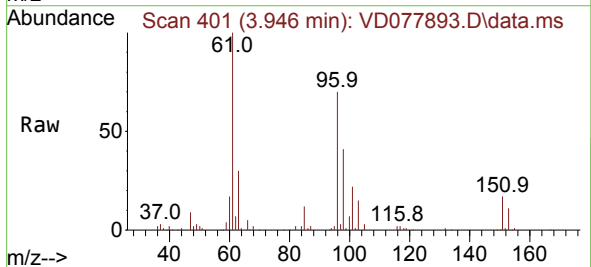
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 20872
Ion Ratio Lower Upper
59 100
57 6.1 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 56.370 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 96 Resp: 92126
Ion Ratio Lower Upper
96 100
61 143.3 100.6 150.8
98 59.0 50.2 75.2

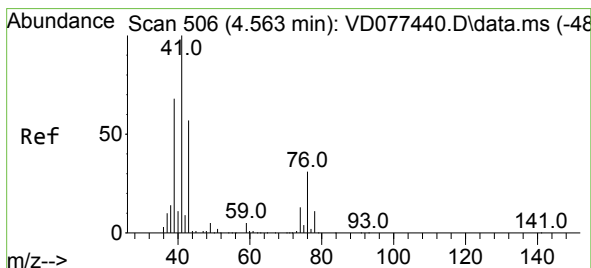
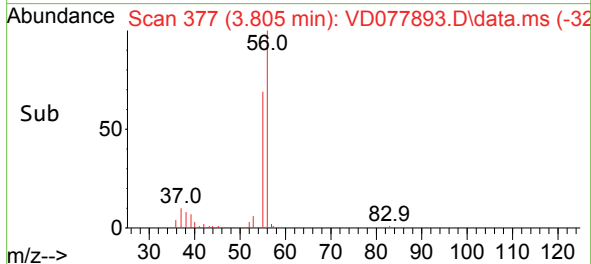
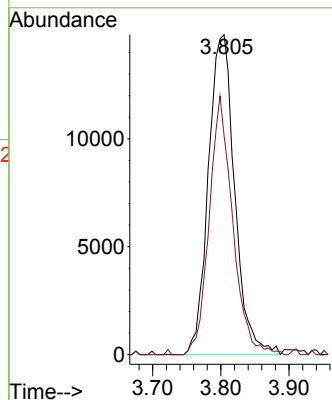
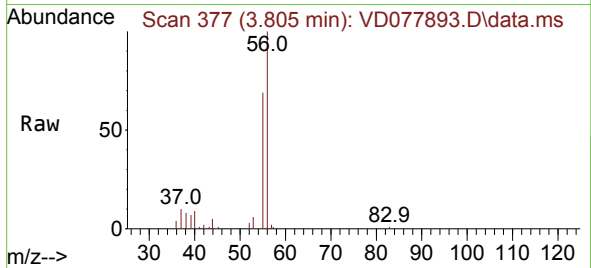




#13
Acrolein
Concen: 235.182 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

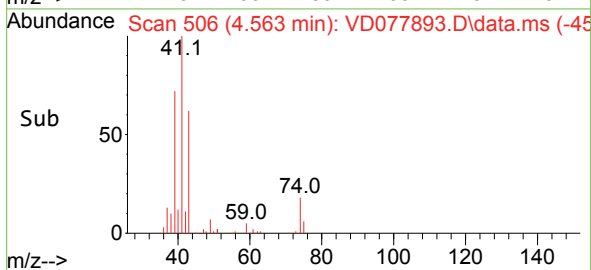
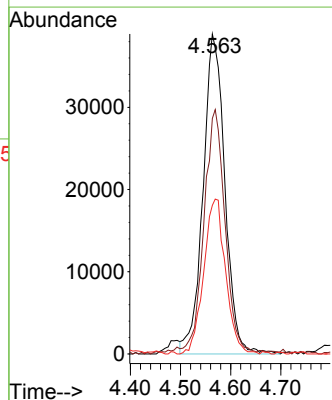
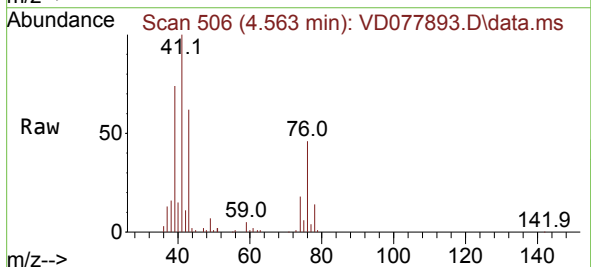
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 39857
Ion Ratio Lower Upper
56 100
55 72.0 55.1 82.7



#14
Allyl chloride
Concen: 52.395 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

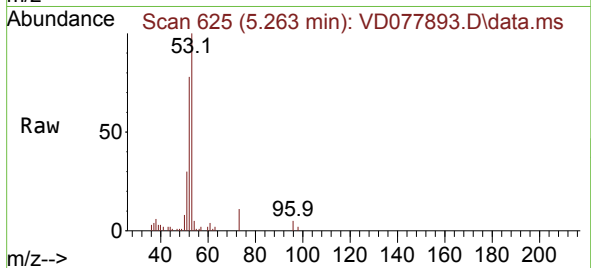
Tgt Ion: 41 Resp: 117770
Ion Ratio Lower Upper
41 100
39 75.3 53.8 80.6
76 48.5 45.8 68.8



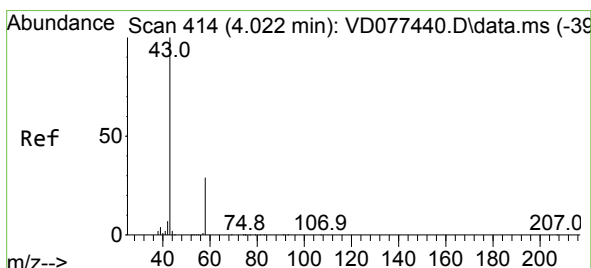
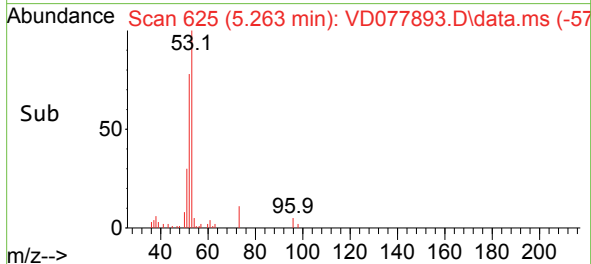
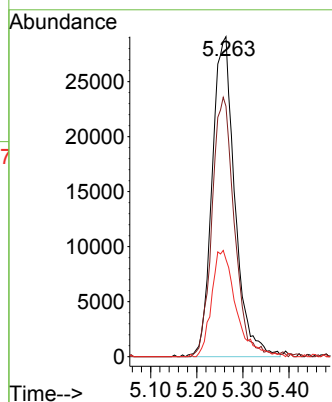


#15
Acrylonitrile
Concen: 285.837 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_D
ClientSampleId :

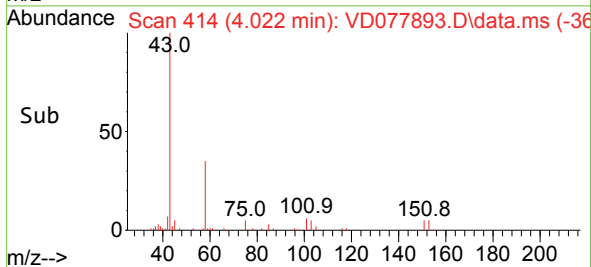
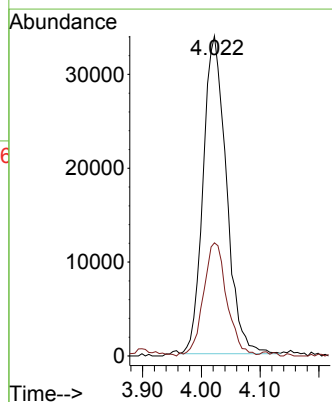
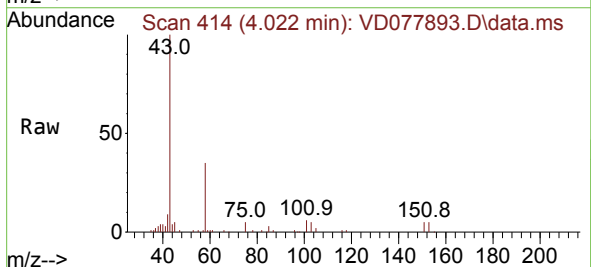


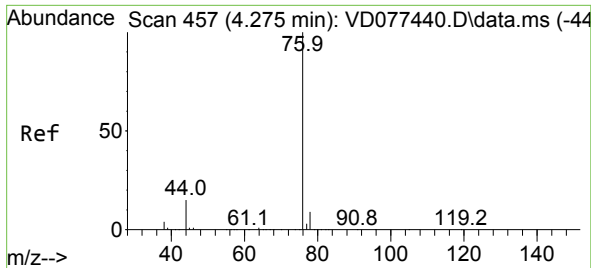
Tgt Ion: 53 Resp: 99469
Ion Ratio Lower Upper
53 100
52 79.9 65.0 97.4
51 35.7 28.3 42.5



#16
Acetone
Concen: 270.829 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 43 Resp: 92863
Ion Ratio Lower Upper
43 100
58 35.6 34.7 52.1

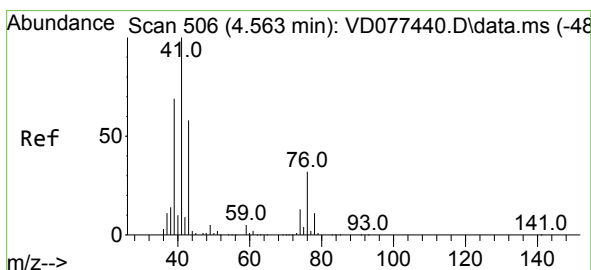
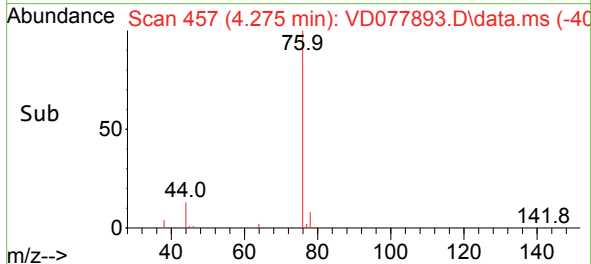
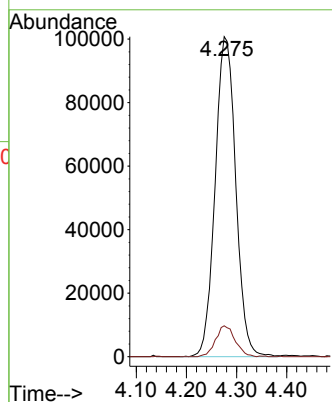
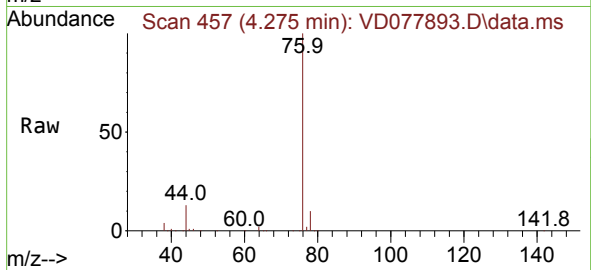




#17
Carbon Disulfide
Concen: 52.003 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

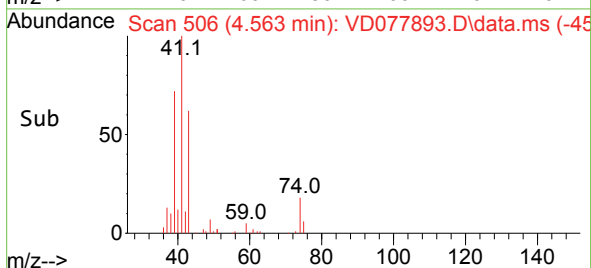
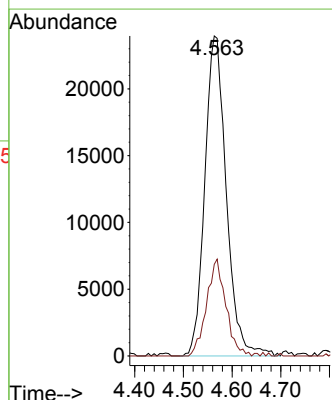
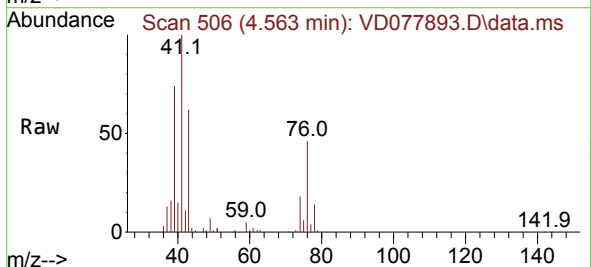
Instrument :
MSVOA_D
ClientSampleId :

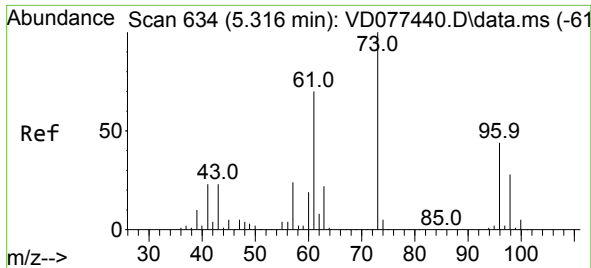
Tgt Ion: 76 Resp: 287531
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 58.237 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 43 Resp: 73480
Ion Ratio Lower Upper
43 100
74 27.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 56.955 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

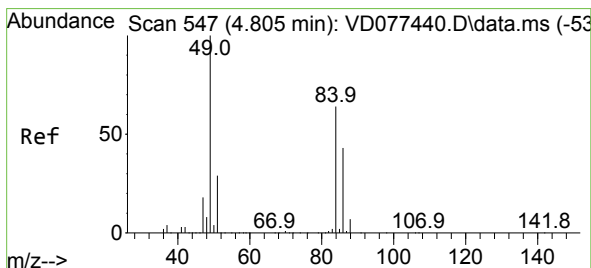
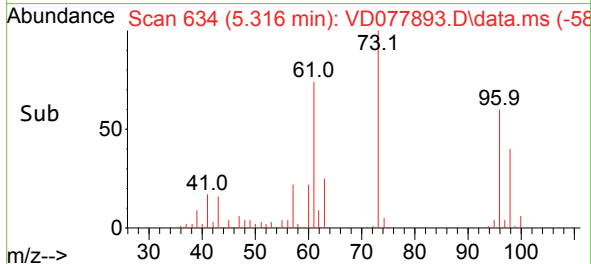
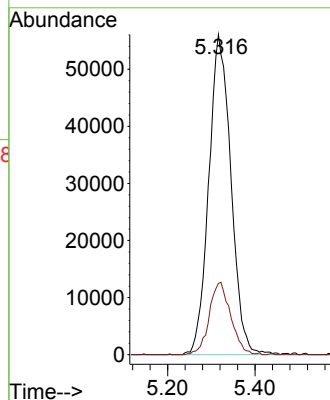
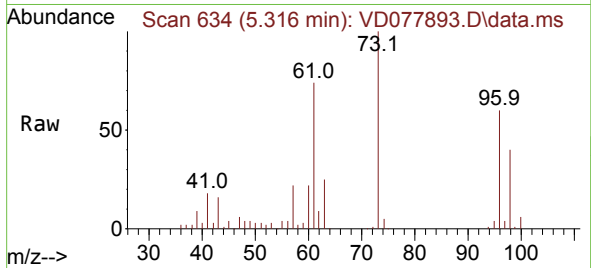
ClientSampleId :

Tgt Ion: 73 Resp: 197487

Ion Ratio Lower Upper

73 100

57 22.3 16.6 25.0



#20

Methylene Chloride

Concen: 55.118 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Tgt Ion: 84 Resp: 103636

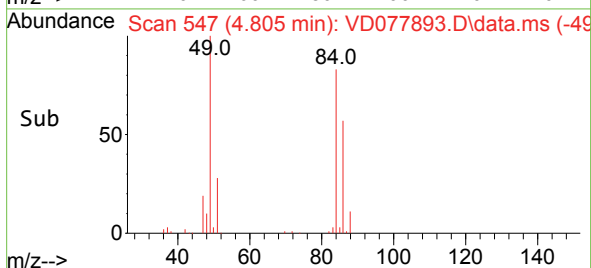
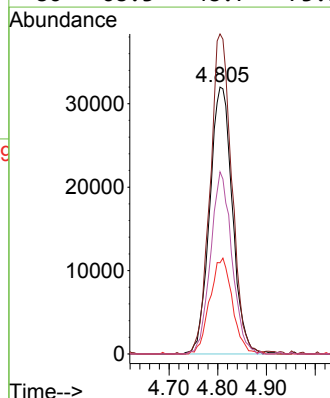
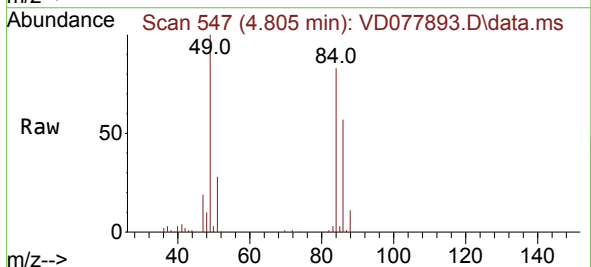
Ion Ratio Lower Upper

84 100

49 119.9 71.4 107.2#

51 34.2 24.5 36.7

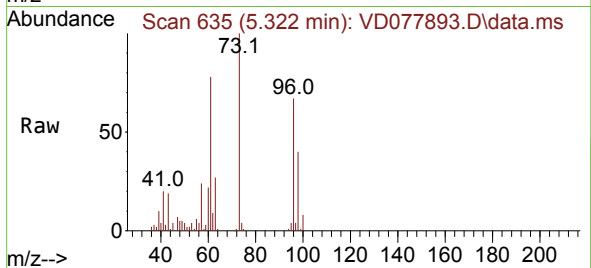
86 68.3 48.7 73.1



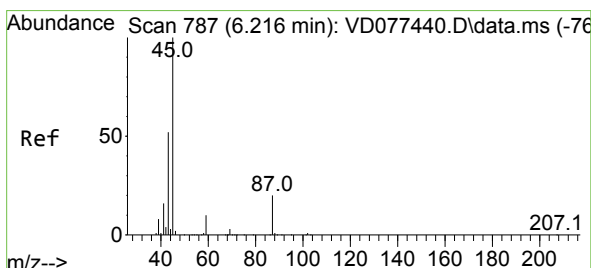
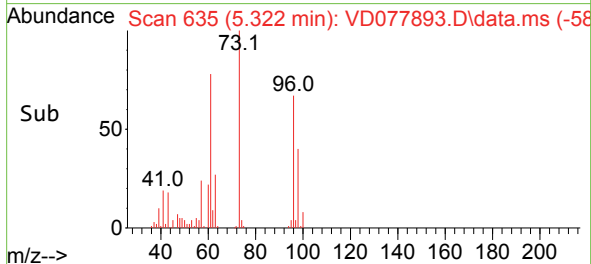
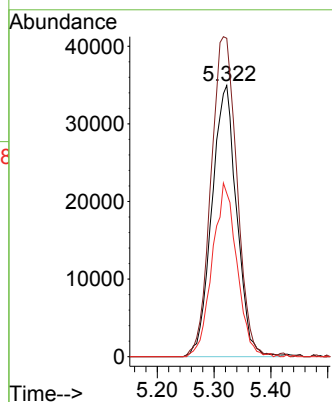


#21
trans-1,2-Dichloroethene
Concen: 57.232 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_D
ClientSampleId :

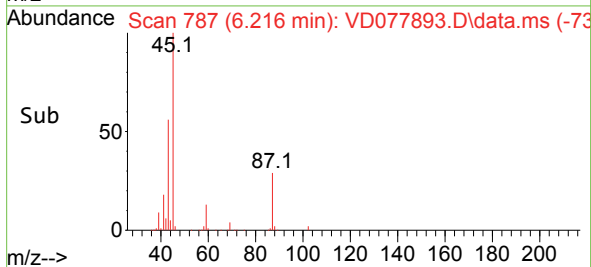
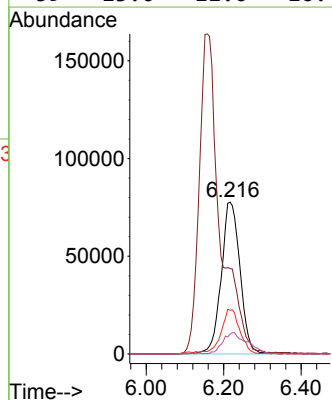
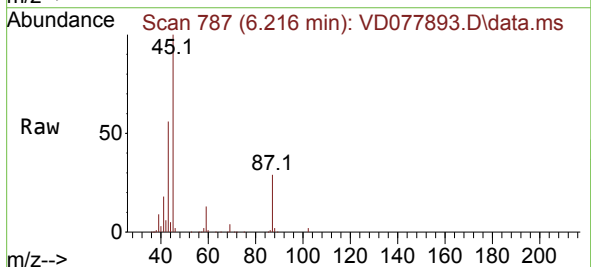


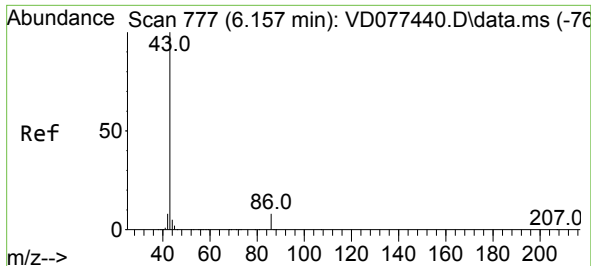
Tgt Ion: 96 Resp: 105943
Ion Ratio Lower Upper
96 100
61 117.4 89.3 133.9
98 60.3 48.6 73.0



#22
Diisopropyl ether
Concen: 55.868 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 45 Resp: 262420
Ion Ratio Lower Upper
45 100
43 56.0 40.0 60.0
87 28.7 28.2 42.4
59 13.0 11.0 16.4

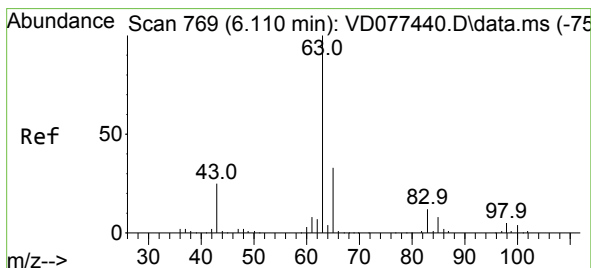
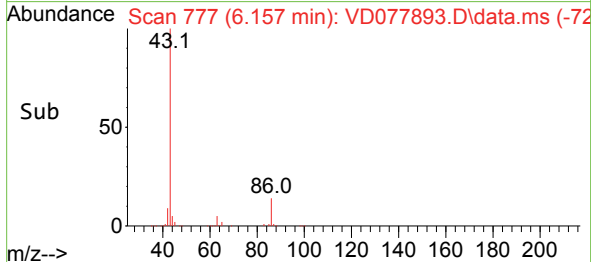
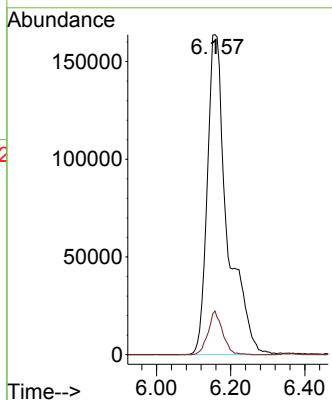
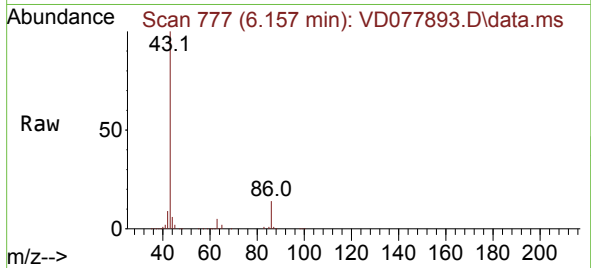




#23
 Vinyl Acetate
 Concen: 268.186 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077893.D
 Acq: 15 Dec 2023 09:36

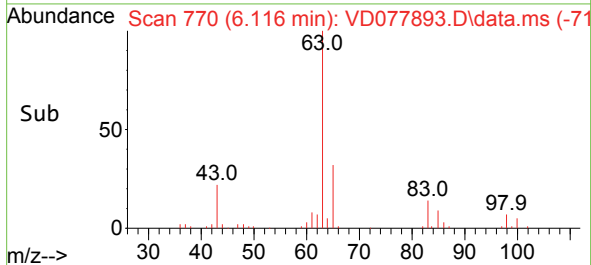
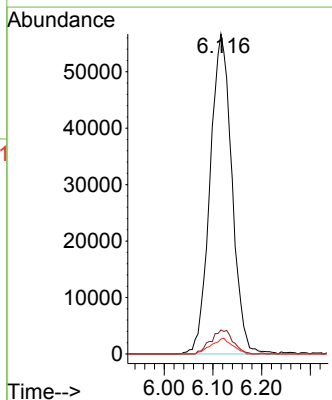
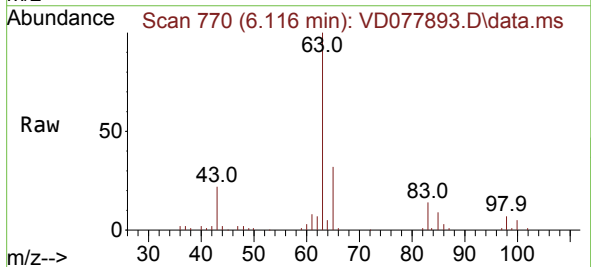
Instrument :
 MSVOA_D
 ClientSampleId :

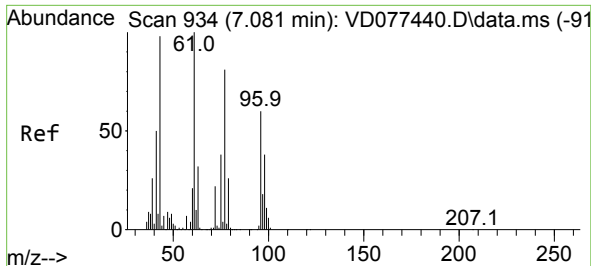
Tgt Ion: 43 Resp: 615162
 Ion Ratio Lower Upper
 43 100
 86 13.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 55.518 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077893.D
 Acq: 15 Dec 2023 09:36

Tgt Ion: 63 Resp: 176598
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.5 13.7
 100 4.7 2.5 7.5

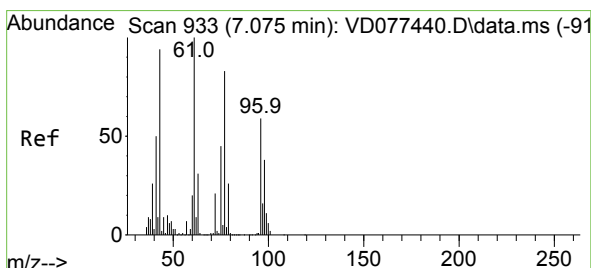
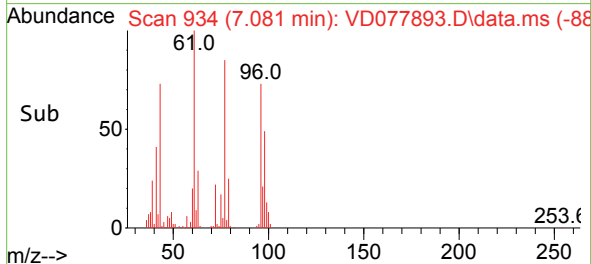
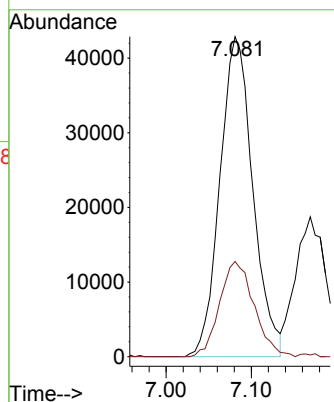
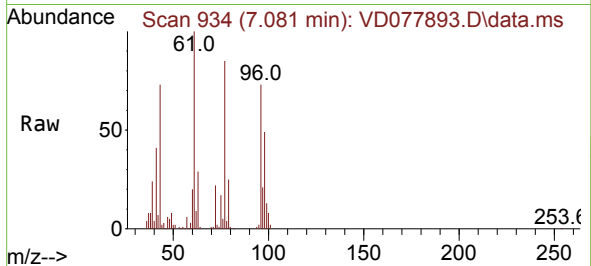




#25
2-Butanone
Concen: 262.477 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

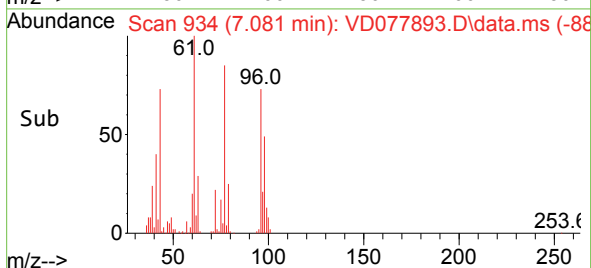
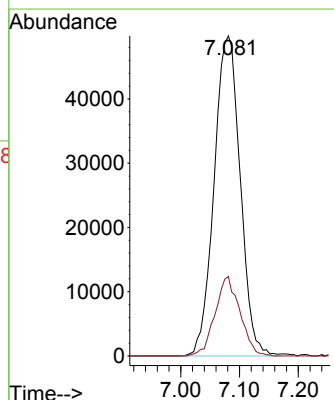
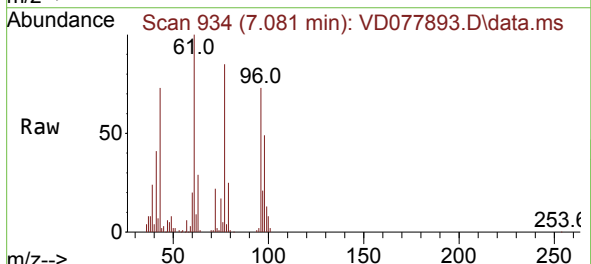
Instrument :
MSVOA_D
ClientSampleId :

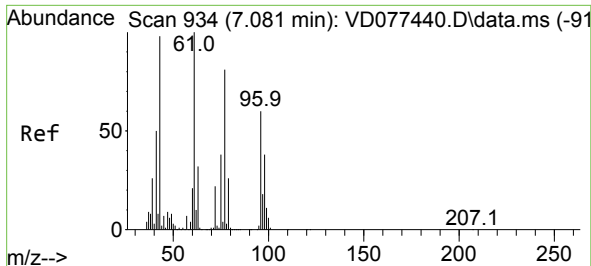
Tgt Ion: 43 Resp: 115263
Ion Ratio Lower Upper
43 100
72 29.8 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 57.547 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 77 Resp: 153689
Ion Ratio Lower Upper
77 100
97 23.7 13.2 39.6

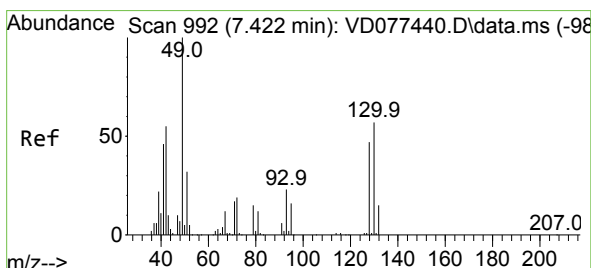
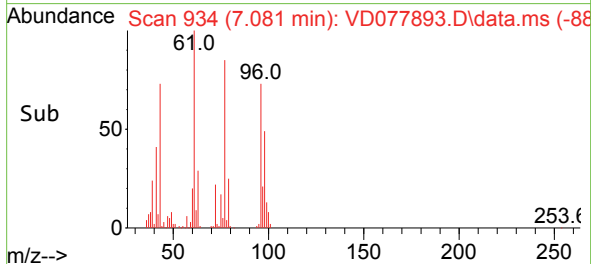
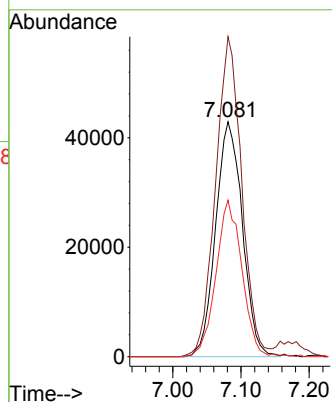
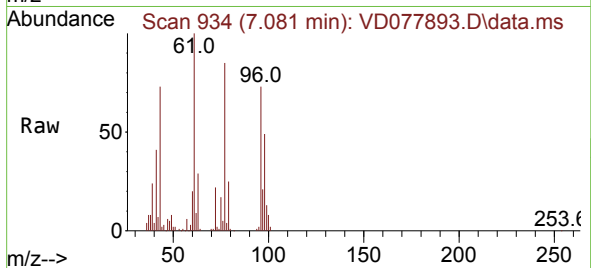




#27
 cis-1,2-Dichloroethene
 Concen: 58.862 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077893.D
 Acq: 15 Dec 2023 09:36

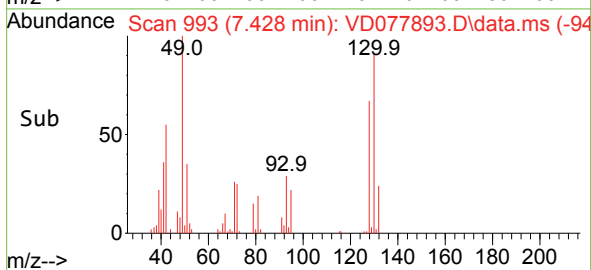
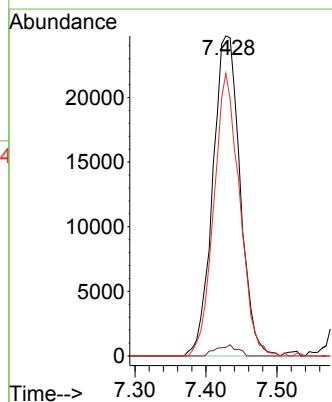
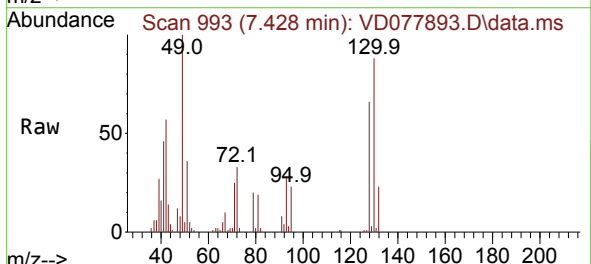
Instrument :
 MSVOA_D
 ClientSampleId :

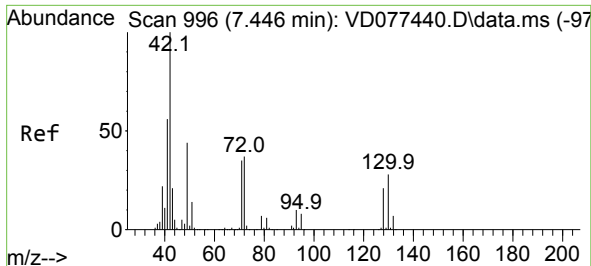
Tgt Ion: 96 Resp: 117244
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 239.2
 98 64.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 51.359 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077893.D
 Acq: 15 Dec 2023 09:36

Tgt Ion: 49 Resp: 66014
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 6.0
 130 83.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 266.502 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD077893.D

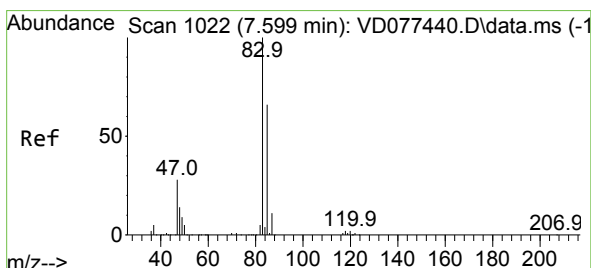
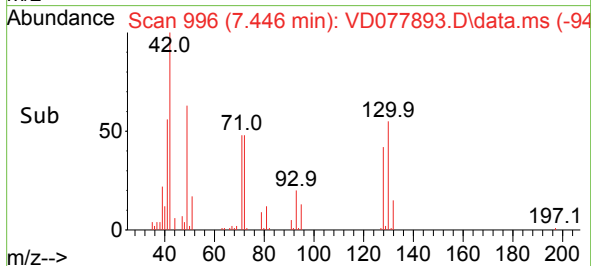
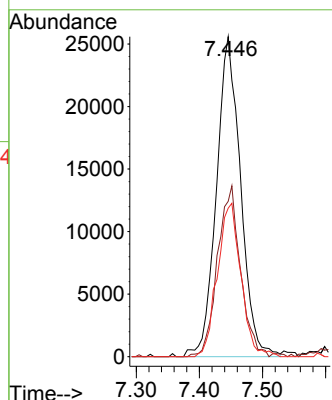
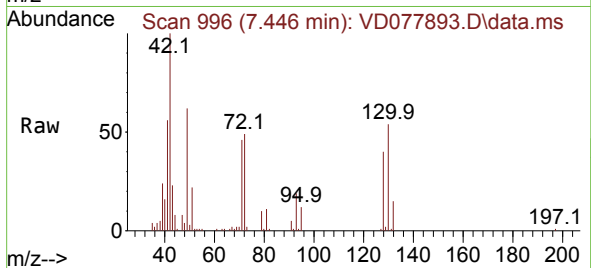
Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	67990
Ion	Ratio	Lower	Upper
42	100		
72	50.7	46.5	69.7
71	46.7	44.5	66.7



#30

Chloroform

Concen: 56.594 ug/l

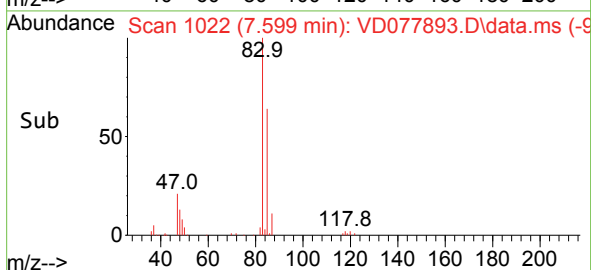
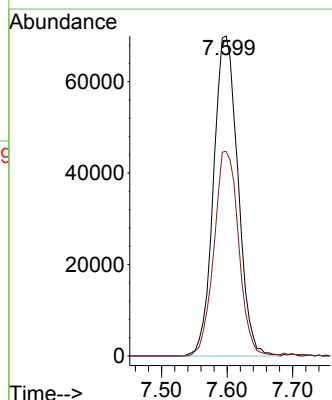
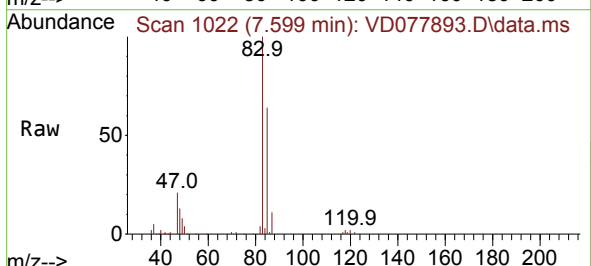
RT: 7.599 min Scan# 1022

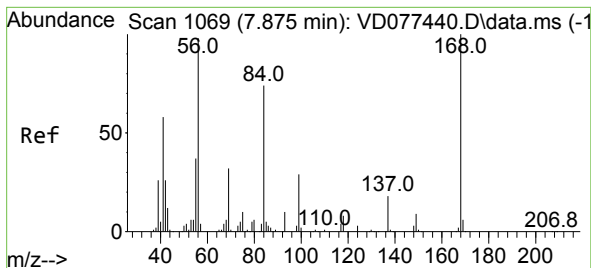
Delta R.T. -0.000 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Tgt Ion:	83	Resp:	180167
Ion	Ratio	Lower	Upper
83	100		
85	63.9	53.4	80.2





#31

Cyclohexane

Concen: 51.607 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

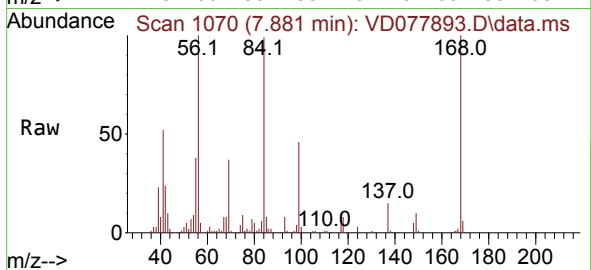
Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

ClientSampleId :



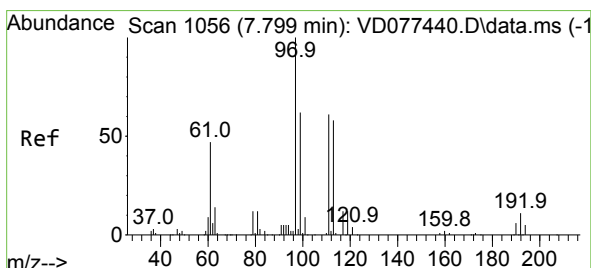
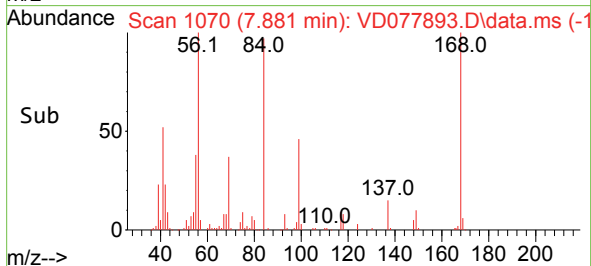
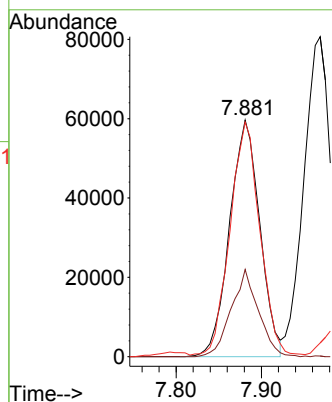
Tgt Ion: 56 Resp: 147062

Ion Ratio Lower Upper

56 100

69 36.9 28.6 43.0

84 97.4 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 56.055 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

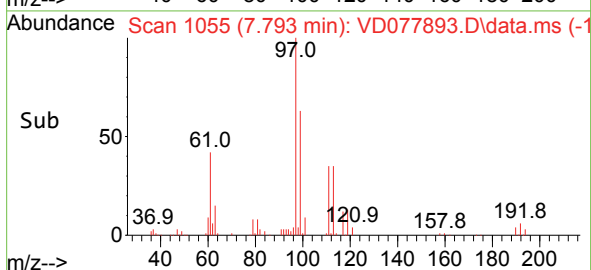
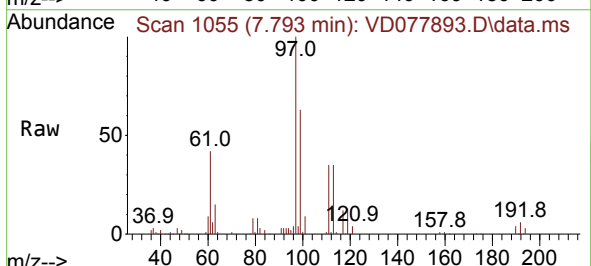
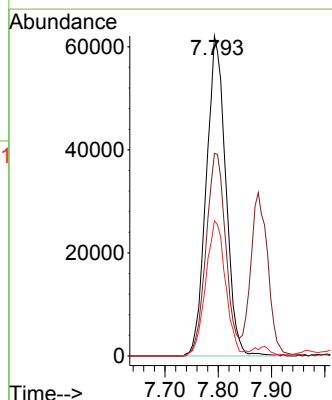
Tgt Ion: 97 Resp: 157315

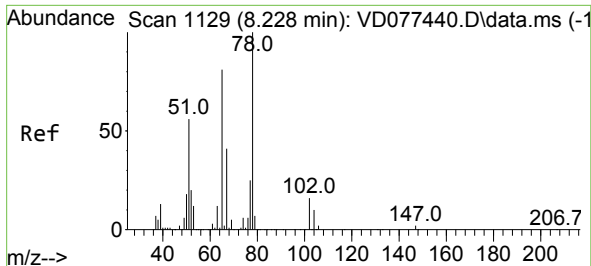
Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

61 43.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.553 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

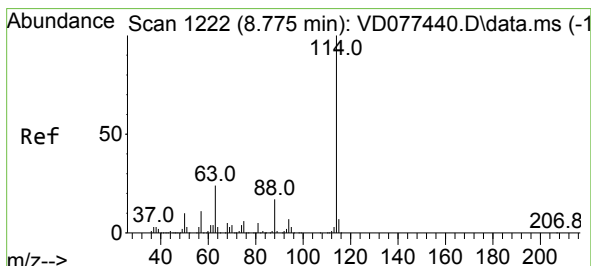
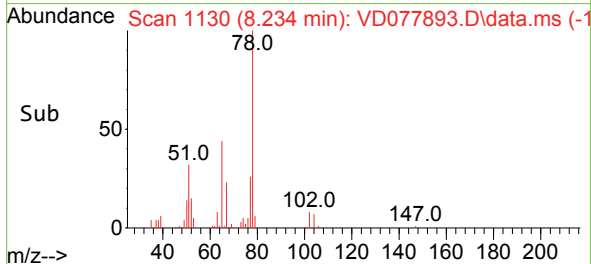
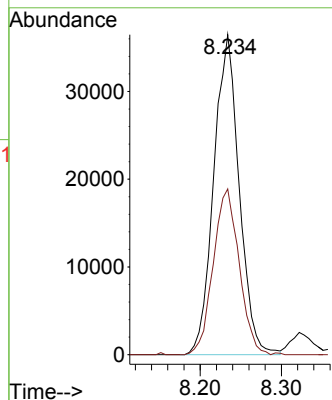
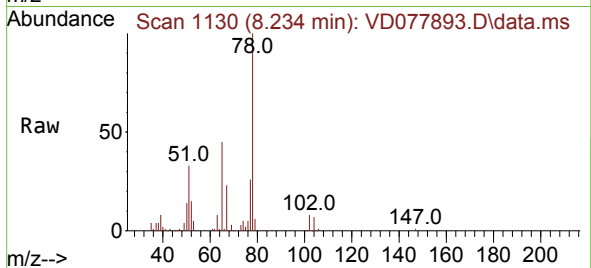
ClientSampleId :

Tgt Ion: 65 Resp: 79389

Ion Ratio Lower Upper

65 100

67 52.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

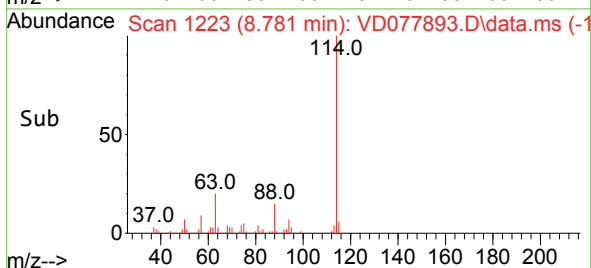
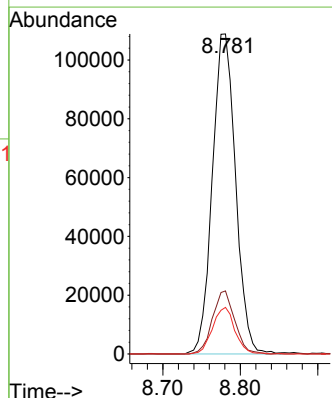
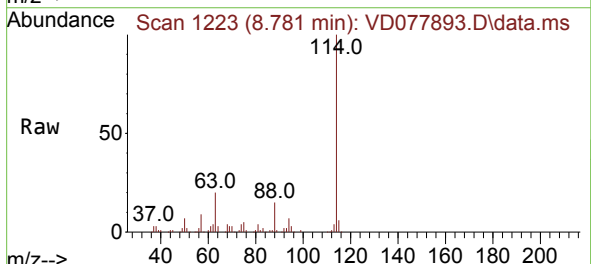
Tgt Ion: 114 Resp: 226822

Ion Ratio Lower Upper

114 100

63 19.7 0.0 33.4

88 14.5 0.0 26.2

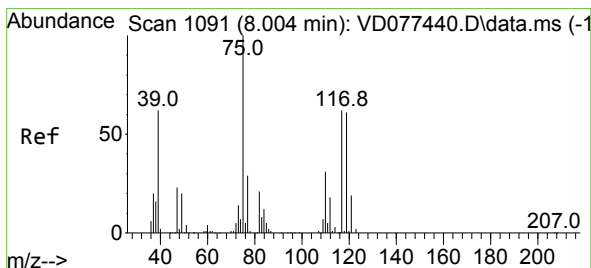
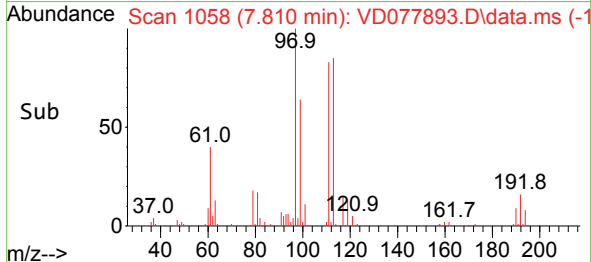
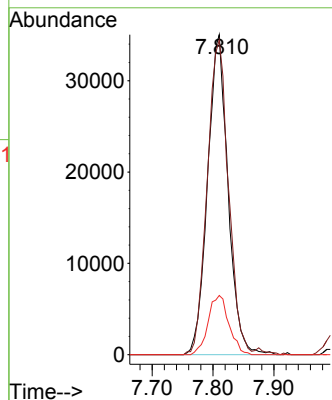
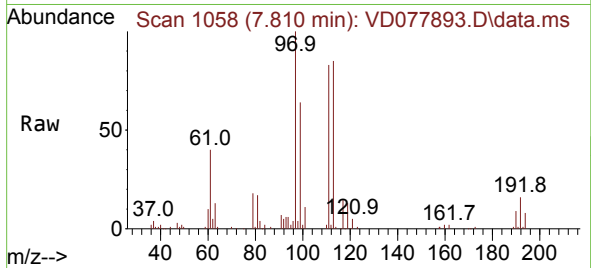




#35
Dibromofluoromethane
Concen: 51.405 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

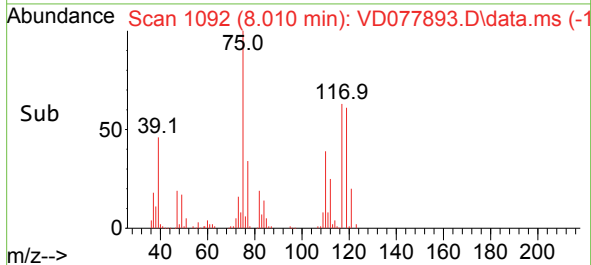
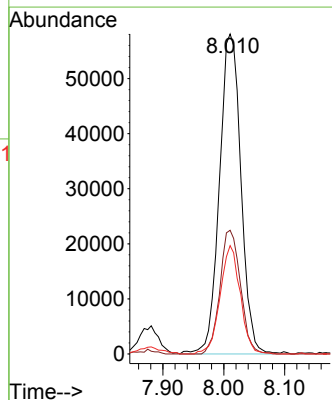
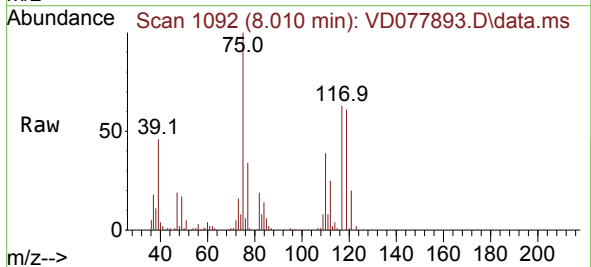
Instrument :
MSVOA_D
ClientSampleId :

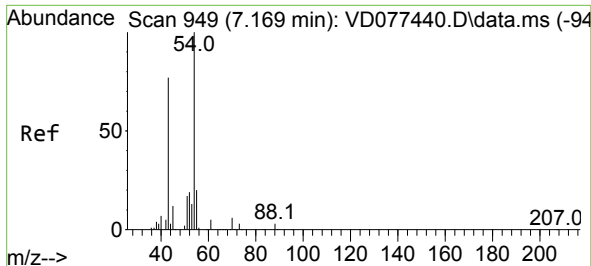
Tgt Ion:113 Resp: 81672
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 18.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 56.104 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 75 Resp: 142583
Ion Ratio Lower Upper
75 100
110 37.0 19.9 59.6
77 31.7 24.7 37.1

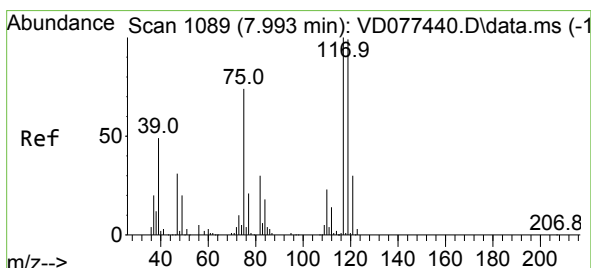
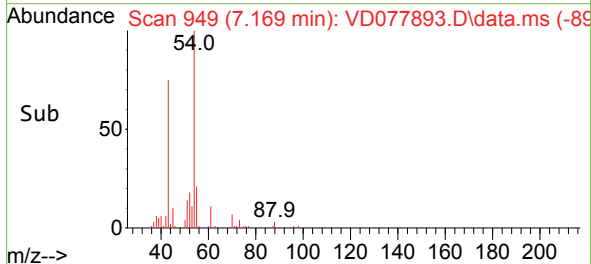
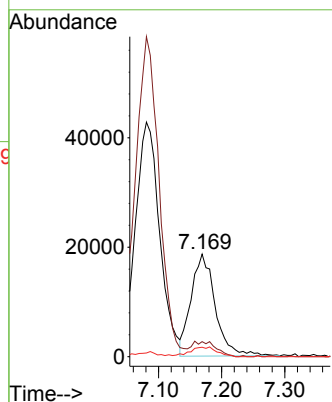
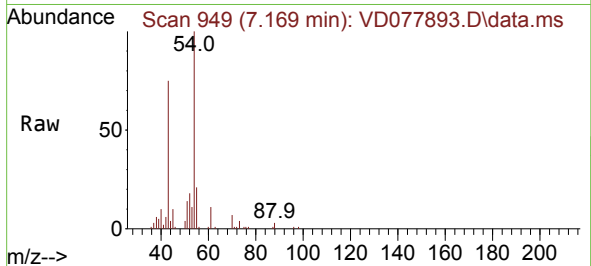




#37
Ethyl Acetate
Concen: 49.969 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

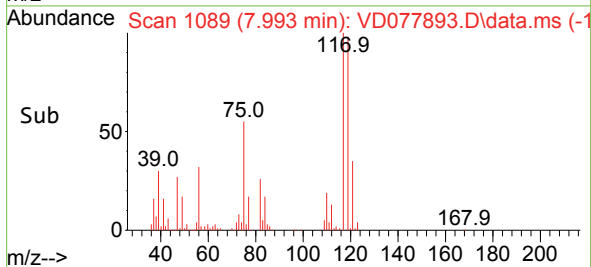
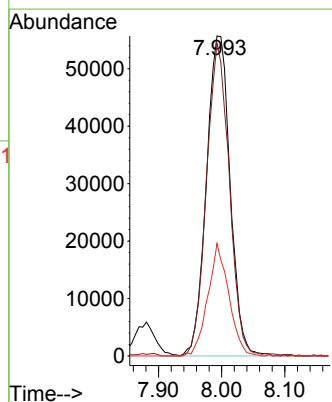
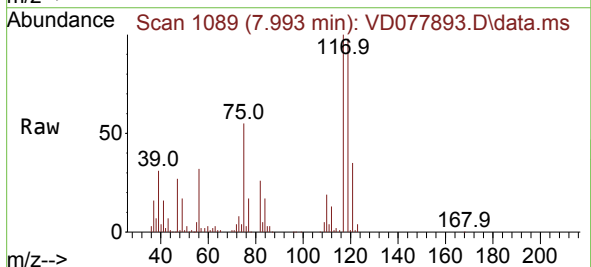
Instrument :
MSVOA_D
ClientSampleId :

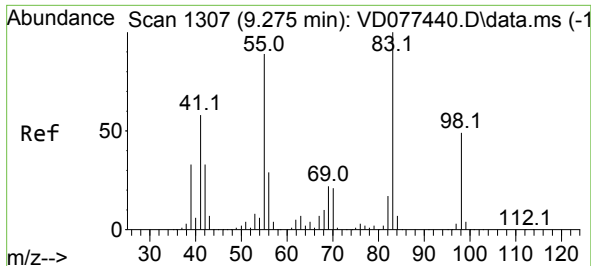
Tgt Ion: 43 Resp: 49516
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 10.6 10.0 15.0



#38
Carbon Tetrachloride
Concen: 57.384 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 117 Resp: 145389
Ion Ratio Lower Upper
117 100
119 97.7 78.0 117.0
121 35.2 24.2 36.2





#39

Methylcyclohexane

Concen: 56.747 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

ClientSampleId :

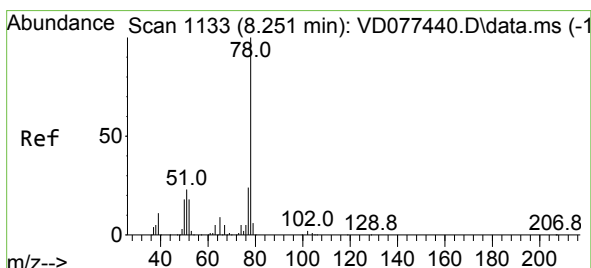
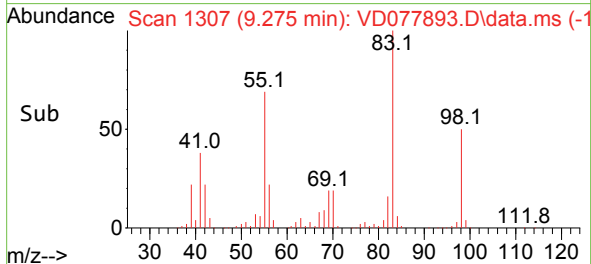
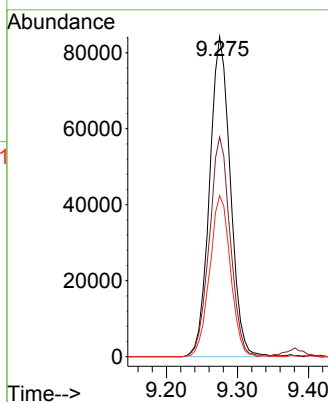
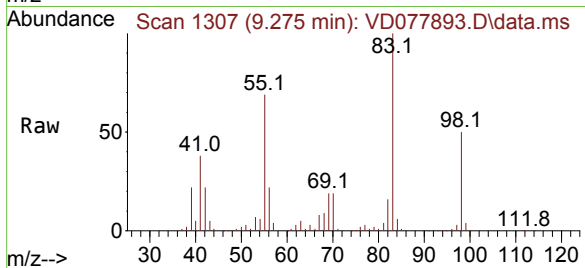
Tgt Ion: 83 Resp: 170967

Ion Ratio Lower Upper

83 100

55 68.6 49.4 74.0

98 50.4 38.4 57.6



#40

Benzene

Concen: 57.182 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077893.D

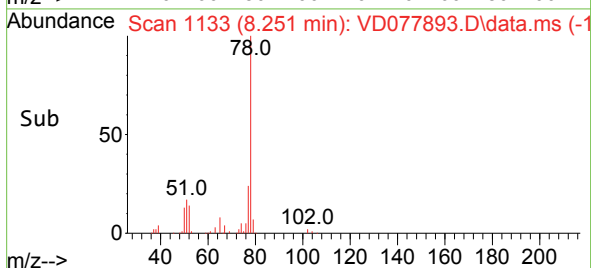
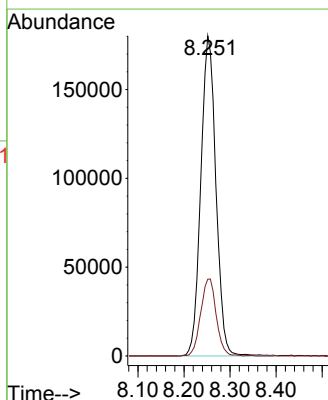
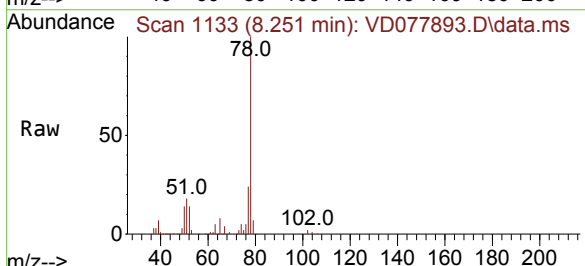
Acq: 15 Dec 2023 09:36

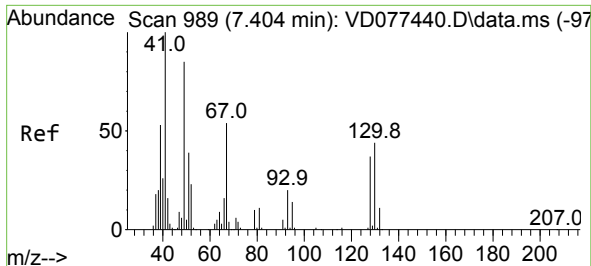
Tgt Ion: 78 Resp: 412453

Ion Ratio Lower Upper

78 100

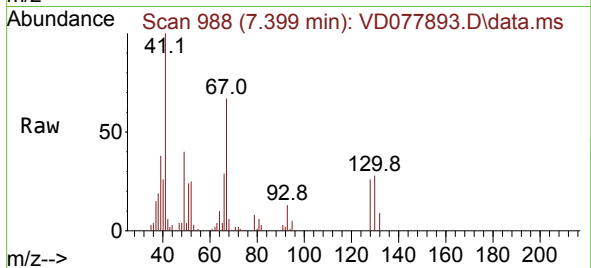
77 24.0 19.4 29.0



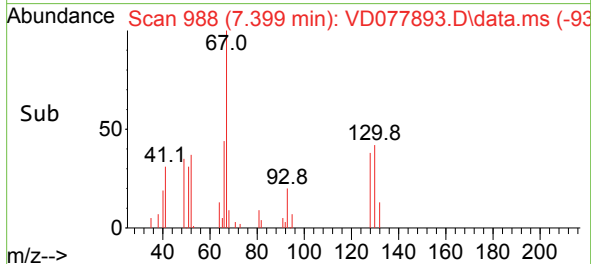
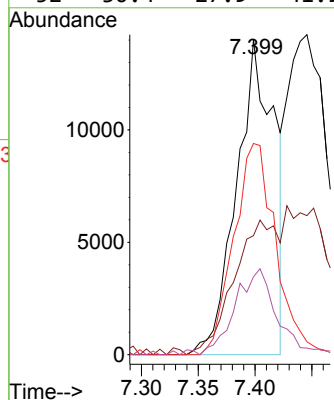


#41
Methacrylonitrile
Concen: 64.462 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.005 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_D
ClientSampleId :

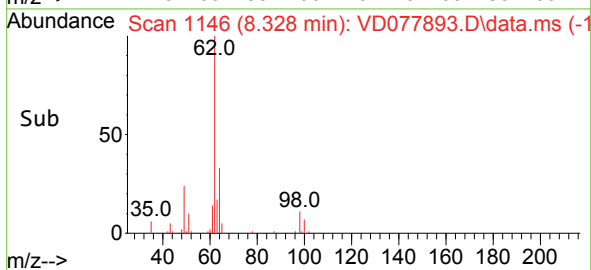
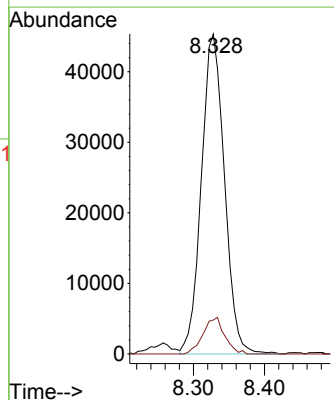
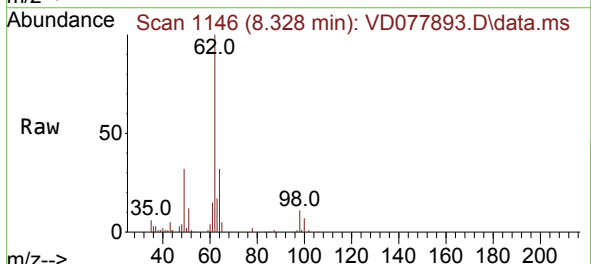


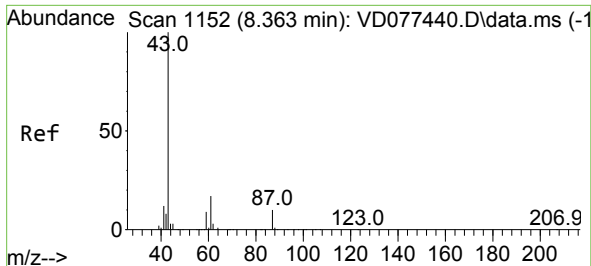
Tgt Ion: 41 Resp: 32467
Ion Ratio Lower Upper
41 100
39 50.4 34.0 51.0
67 74.2 77.0 115.4#
52 30.4 27.9 41.9



#42
1,2-Dichloroethane
Concen: 54.828 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 62 Resp: 102512
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4

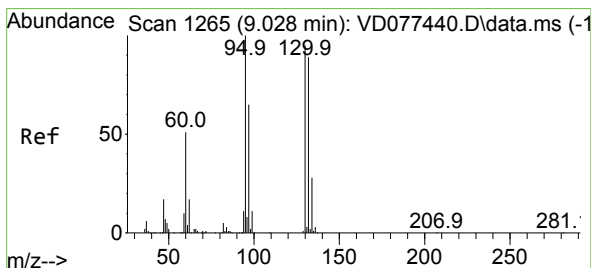
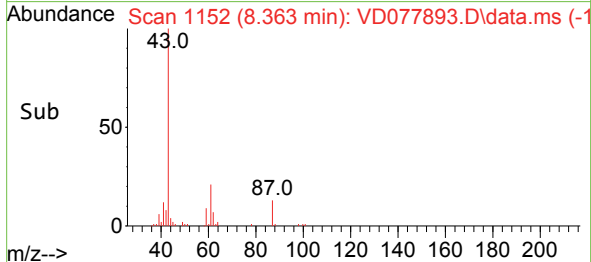
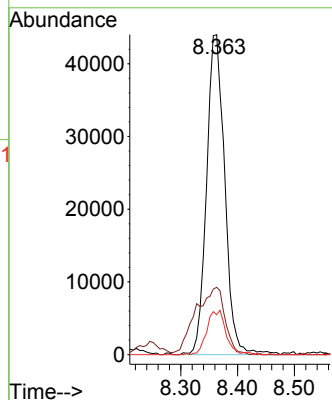
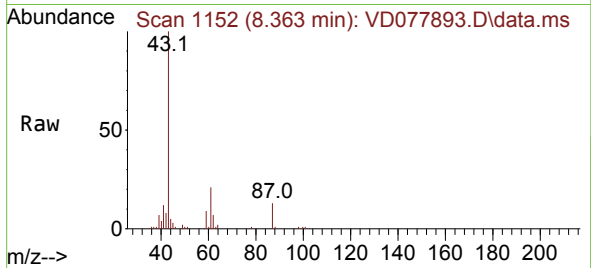




#43
Isopropyl Acetate
Concen: 55.424 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

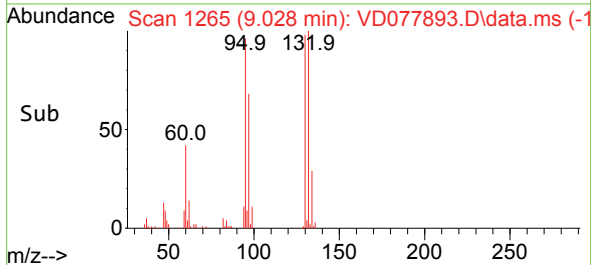
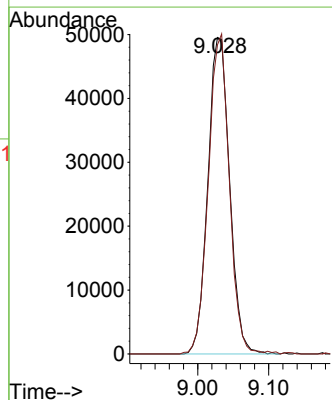
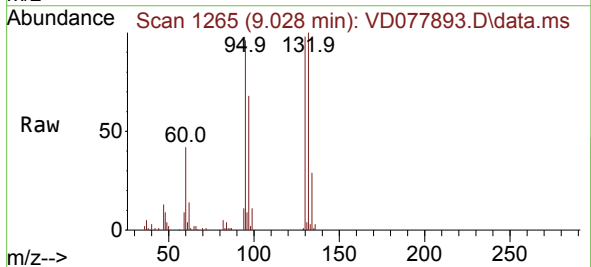
Instrument :
MSVOA_D
ClientSampleId :

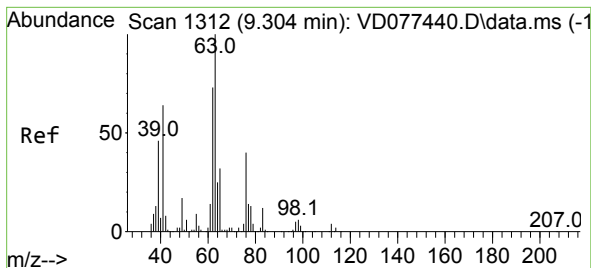
Tgt Ion: 43 Resp: 97631
Ion Ratio Lower Upper
43 100
61 33.9 31.4 47.0
87 14.6 14.9 22.3#



#44
Trichloroethene
Concen: 56.121 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion:130 Resp: 105491
Ion Ratio Lower Upper
130 100
95 97.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 57.460 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

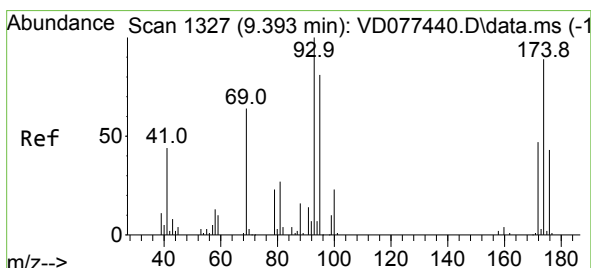
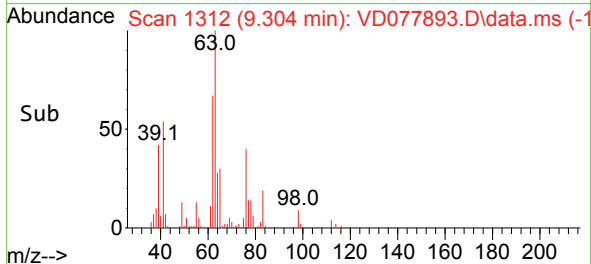
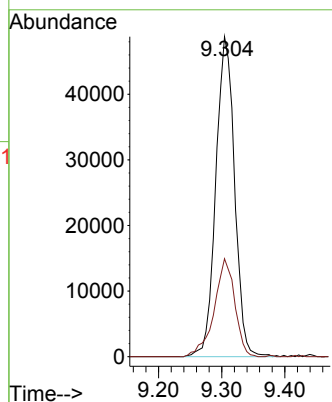
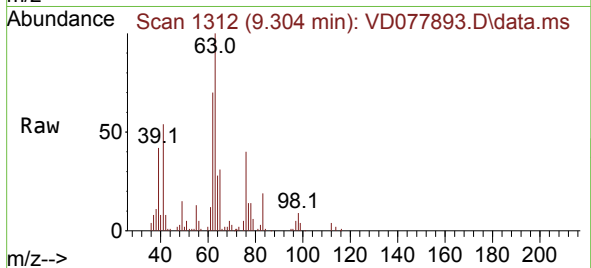
ClientSampleId :

Tgt Ion: 63 Resp: 100754

Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7



#46

Dibromomethane

Concen: 57.145 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

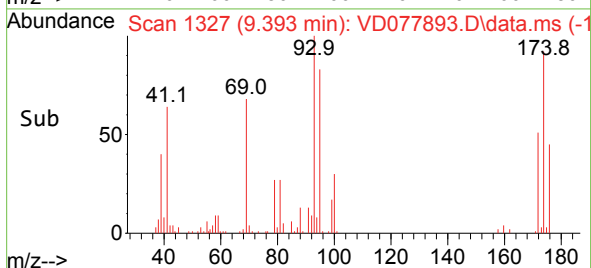
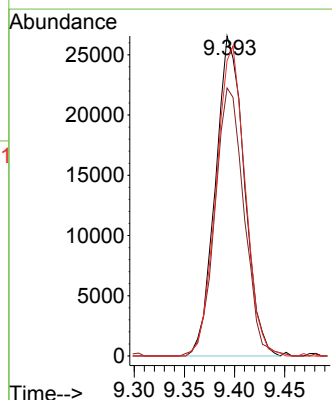
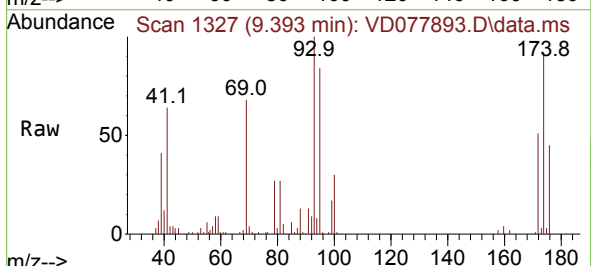
Tgt Ion: 93 Resp: 53018

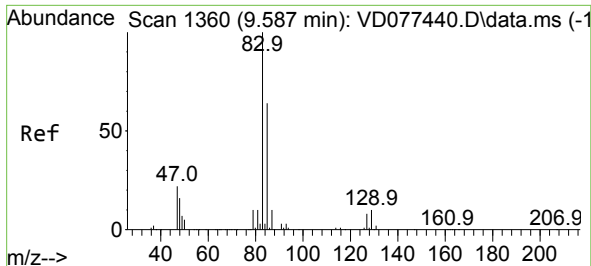
Ion Ratio Lower Upper

93 100

95 84.7 67.7 101.5

174 97.2 85.4 128.2

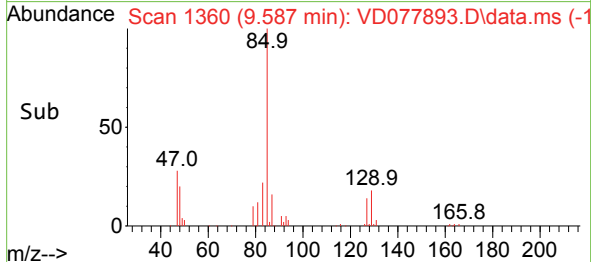
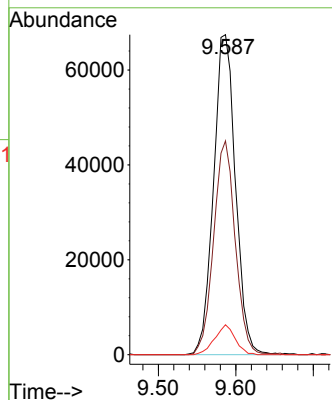
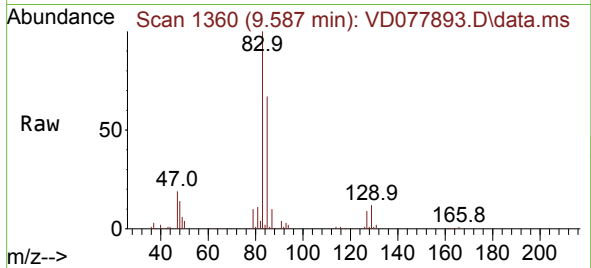




#47
Bromodichloromethane
Concen: 56.472 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

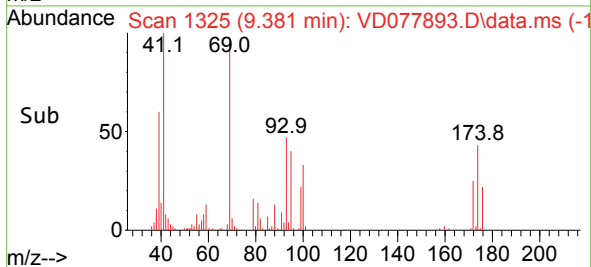
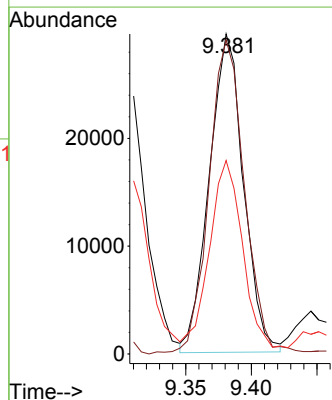
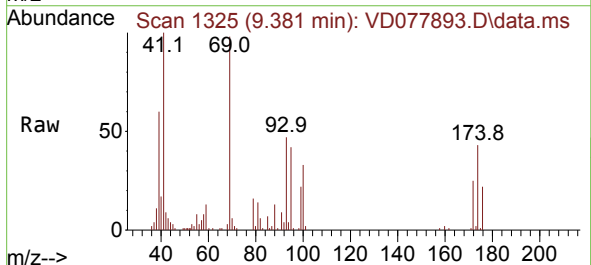
Instrument :
MSVOA_D
ClientSampleId :

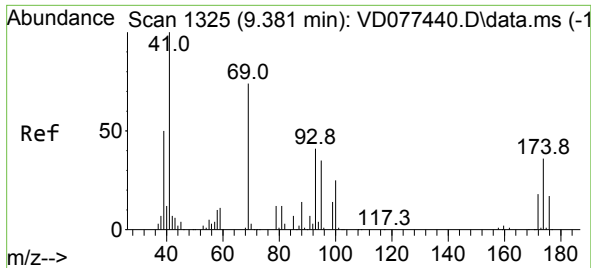
Tgt Ion: 83 Resp: 132800
Ion Ratio Lower Upper
83 100
85 66.8 50.2 75.4
127 9.4 6.3 9.5



#48
Methyl methacrylate
Concen: 53.522 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 41 Resp: 53594
Ion Ratio Lower Upper
41 100
69 103.0 102.2 153.2
39 55.8 41.4 62.2





#49

1,4-Dioxane

Concen: 1131.392 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

ClientSampleId :

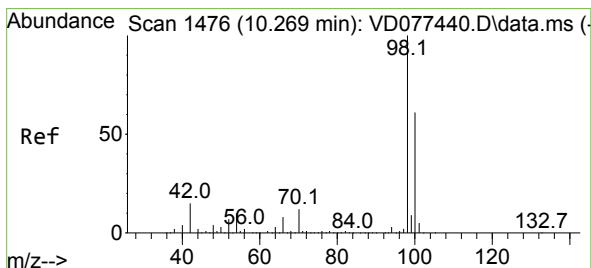
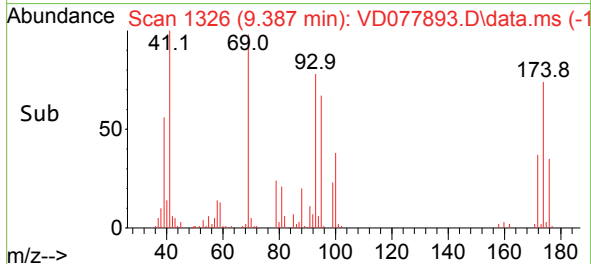
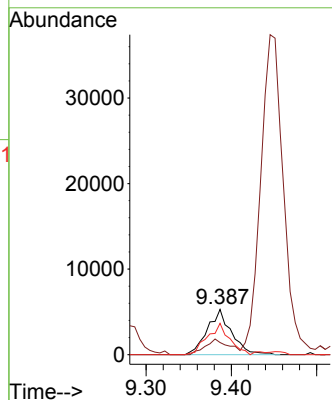
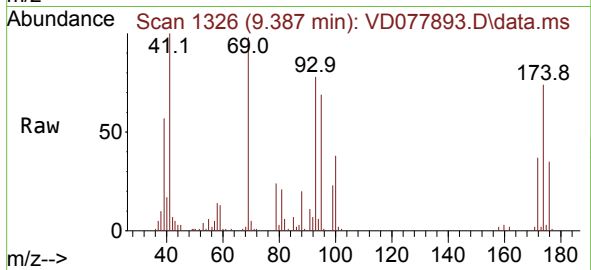
Tgt Ion: 88 Resp: 10423

Ion Ratio Lower Upper

88 100

43 34.1 19.0 28.6#

58 63.1 43.5 65.3



#50

Toluene-d8

Concen: 52.829 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077893.D

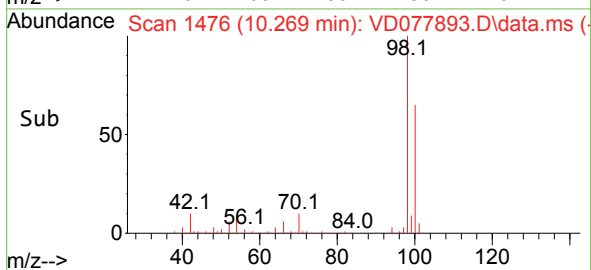
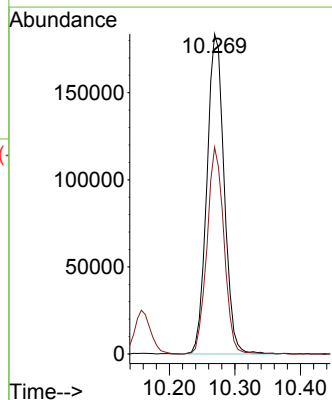
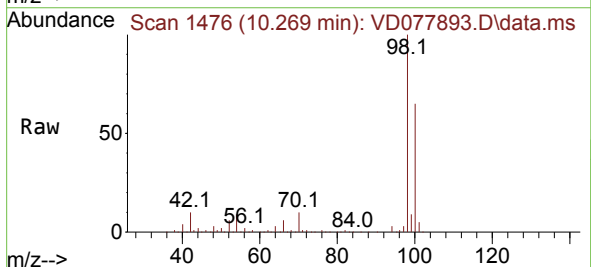
Acq: 15 Dec 2023 09:36

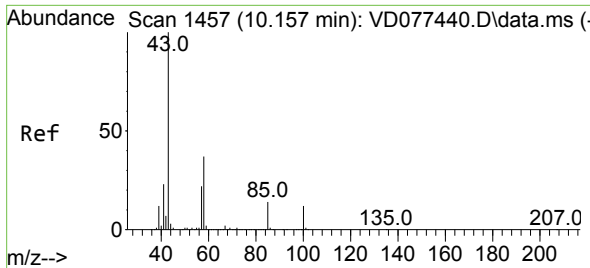
Tgt Ion: 98 Resp: 336174

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5

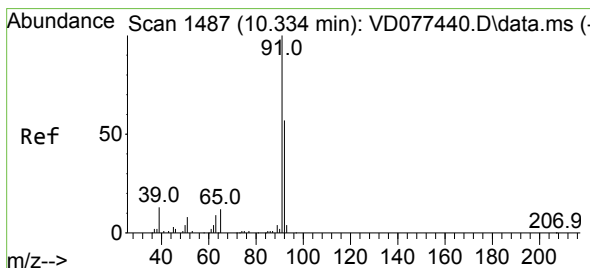
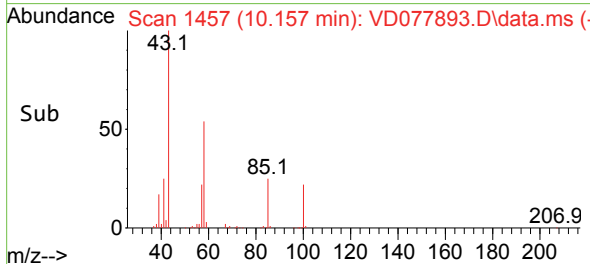
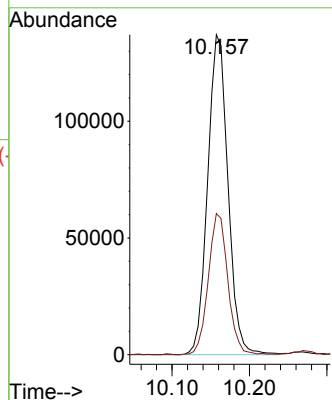
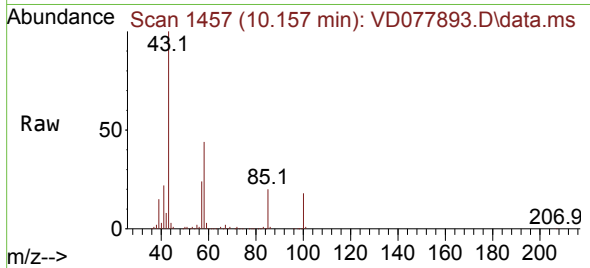




#51
4-Methyl-2-Pentanone
Concen: 277.625 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

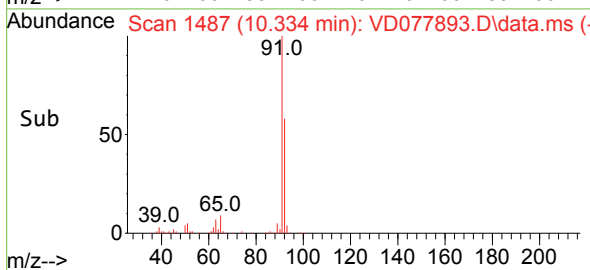
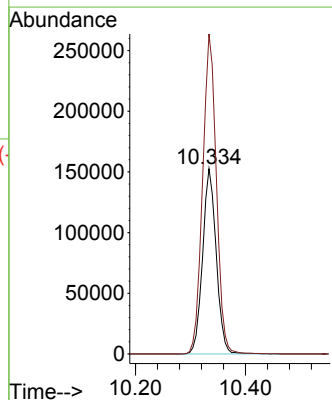
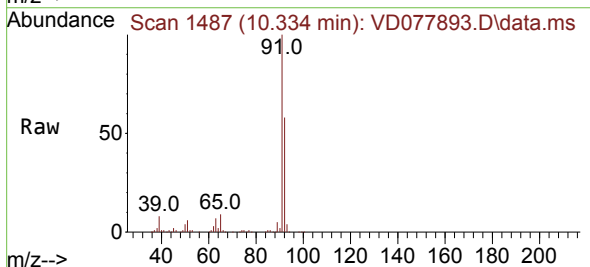
Instrument :
MSVOA_D
ClientSampleId :

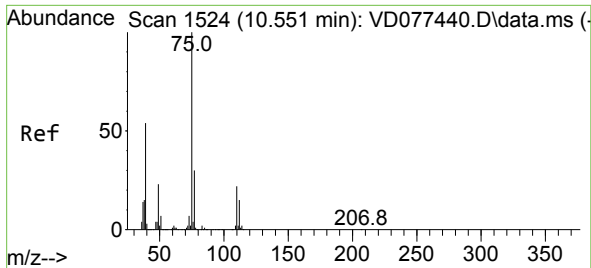
Tgt Ion: 43 Resp: 249589
Ion Ratio Lower Upper
43 100
58 42.5 38.9 58.3



#52
Toluene
Concen: 58.672 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 92 Resp: 262516
Ion Ratio Lower Upper
92 100
91 174.7 143.0 214.4

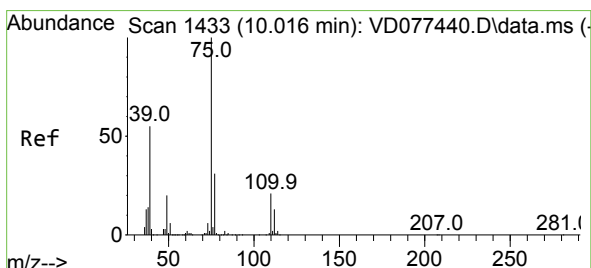
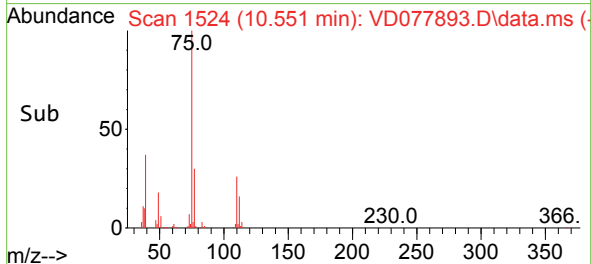
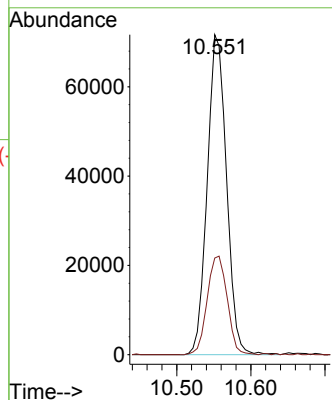
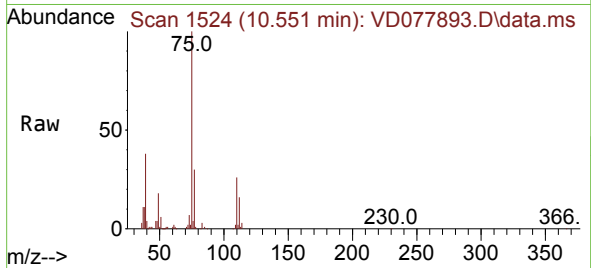




#53
t-1,3-Dichloropropene
Concen: 57.363 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

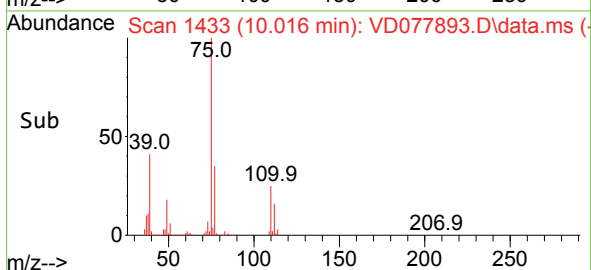
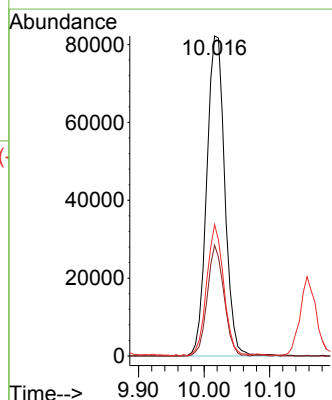
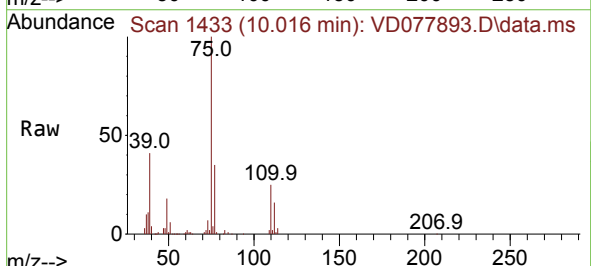
Instrument :
MSVOA_D
ClientSampleId :

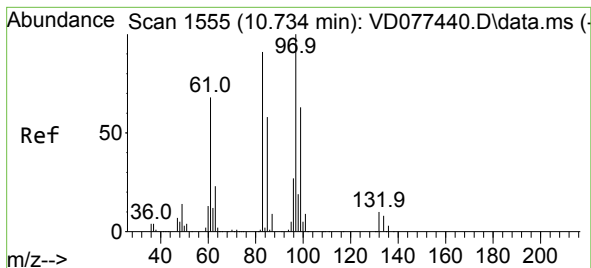
Tgt Ion: 75 Resp: 129538
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 57.598 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 75 Resp: 157259
Ion Ratio Lower Upper
75 100
77 34.6 25.5 38.3
39 41.1 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 55.935 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

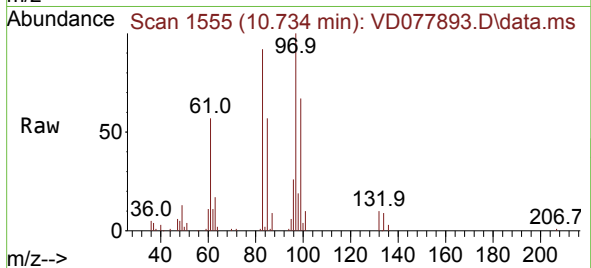
Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 70985

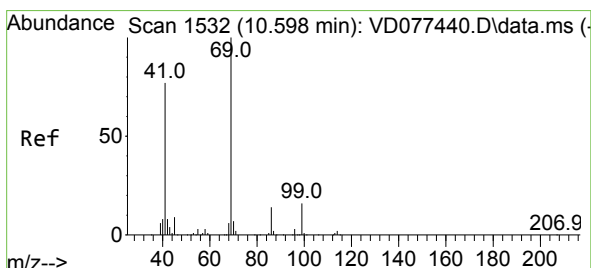
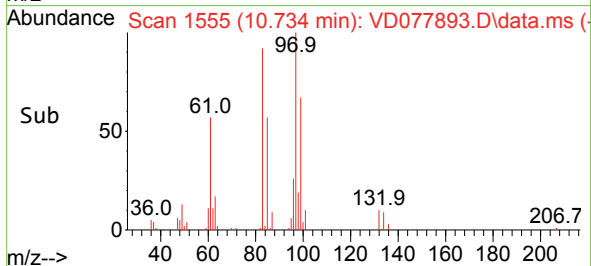
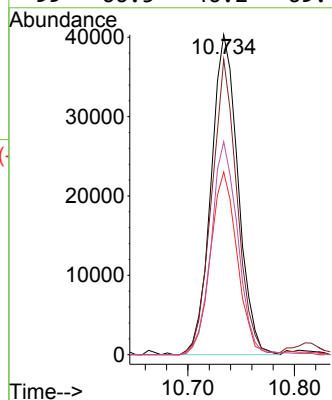
Ion Ratio Lower Upper

97 100

83 92.3 65.8 98.6

85 57.1 45.7 68.5

99 66.5 46.2 69.4



#56

Ethyl methacrylate

Concen: 57.736 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

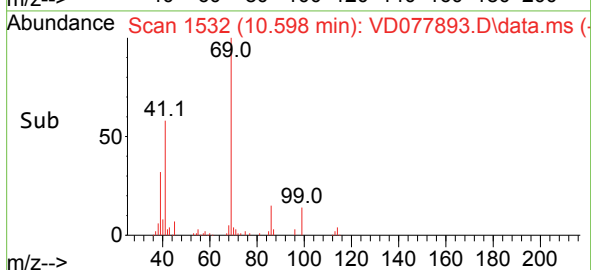
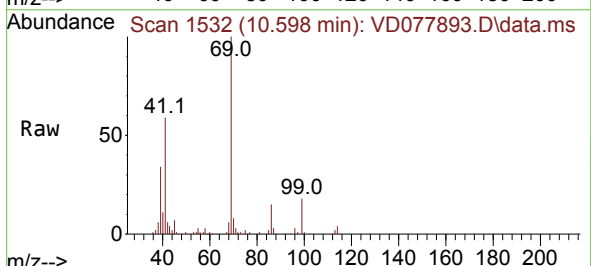
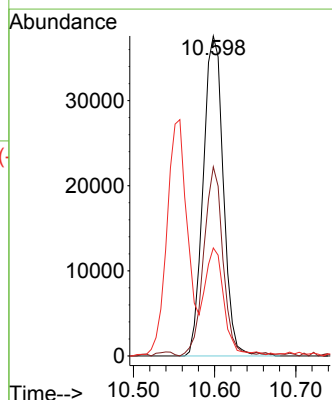
Tgt Ion: 69 Resp: 64590

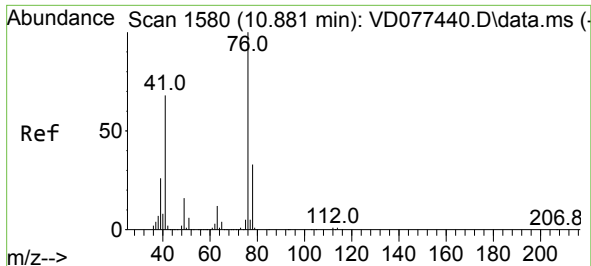
Ion Ratio Lower Upper

69 100

41 56.6 39.1 58.7

39 30.9 20.0 30.0#

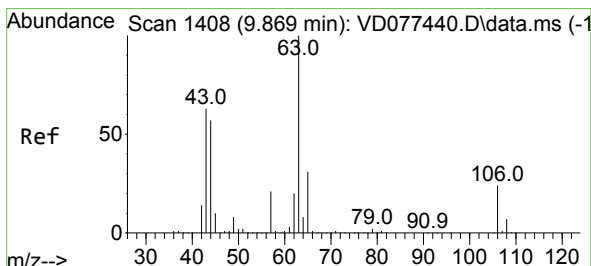
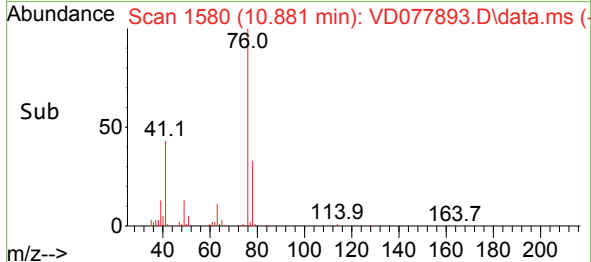
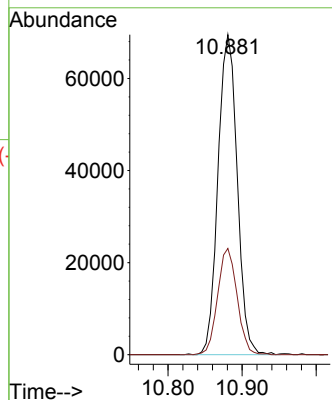
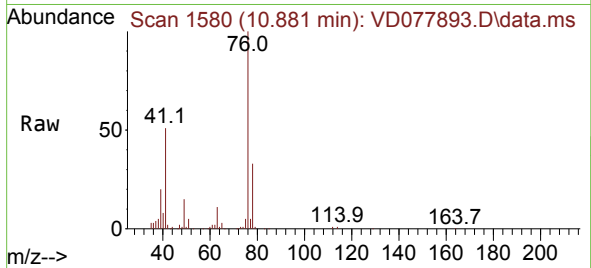




#57
1,3-Dichloropropane
Concen: 57.255 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

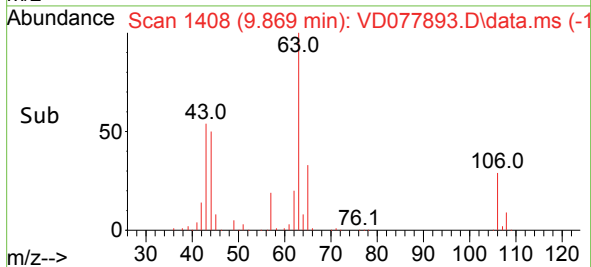
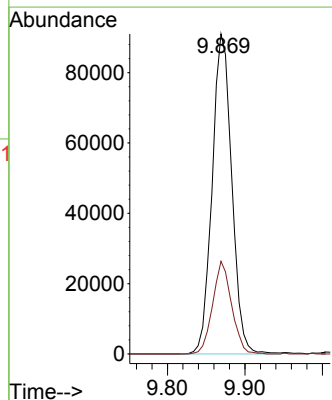
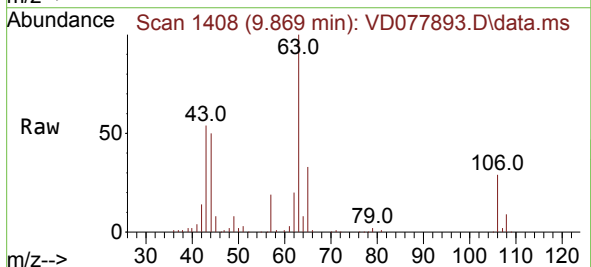
Instrument :
MSVOA_D
ClientSampleId :

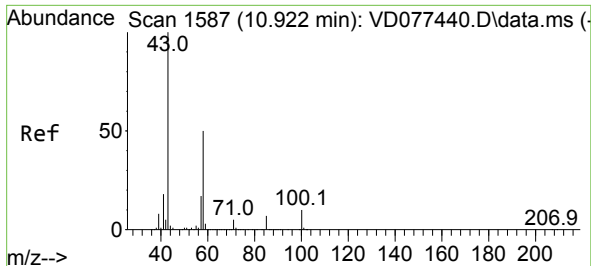
Tgt Ion: 76 Resp: 125245
Ion Ratio Lower Upper
76 100
78 33.6 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 251.388 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 63 Resp: 160379
Ion Ratio Lower Upper
63 100
106 28.0 25.3 37.9

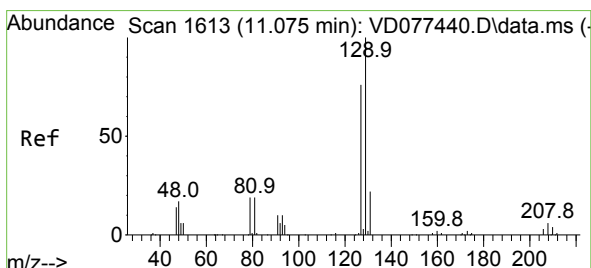
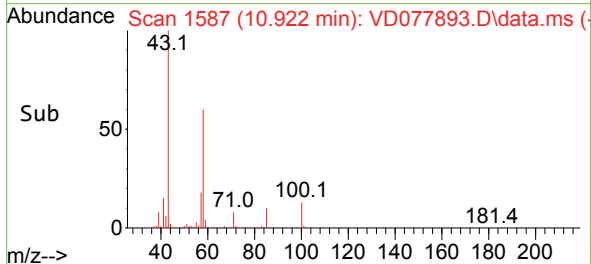
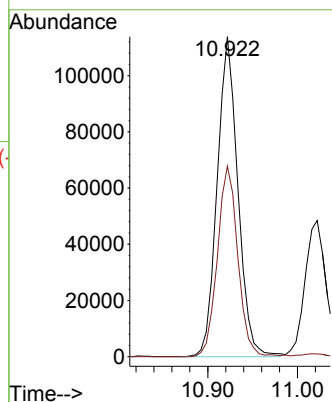
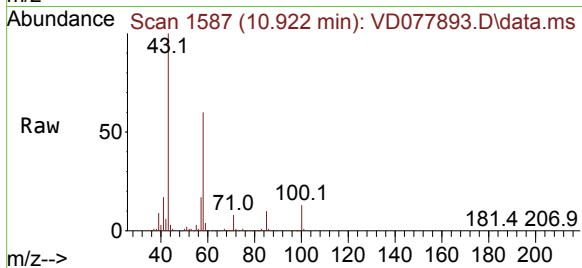




#59
2-Hexanone
Concen: 244.463 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

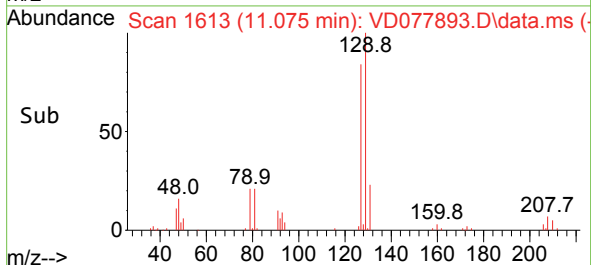
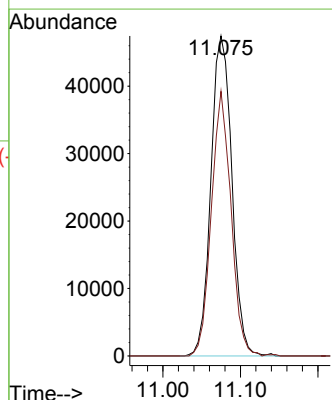
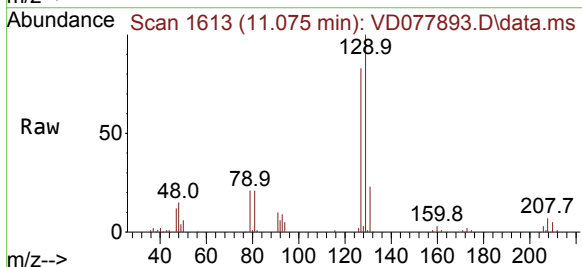
Instrument :
MSVOA_D
ClientSampleId :

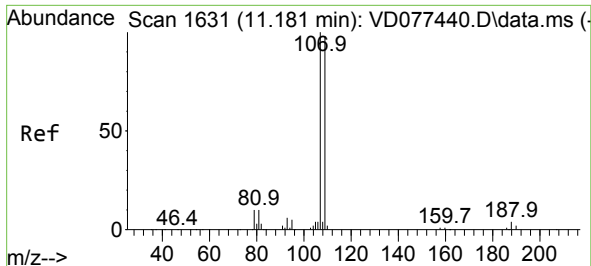
Tgt Ion: 43 Resp: 182336
Ion Ratio Lower Upper
43 100
58 58.9 34.1 102.2



#60
Dibromochloromethane
Concen: 58.496 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 129 Resp: 89377
Ion Ratio Lower Upper
129 100
127 77.4 37.1 111.5

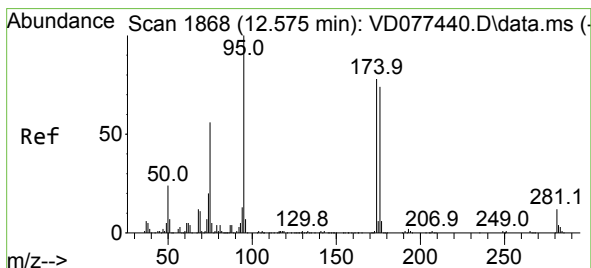
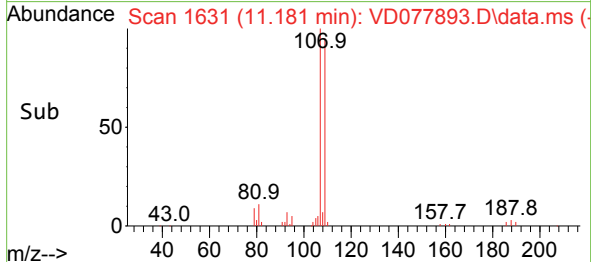
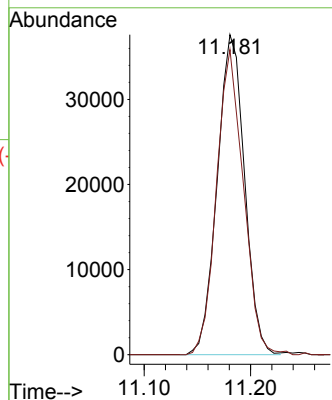
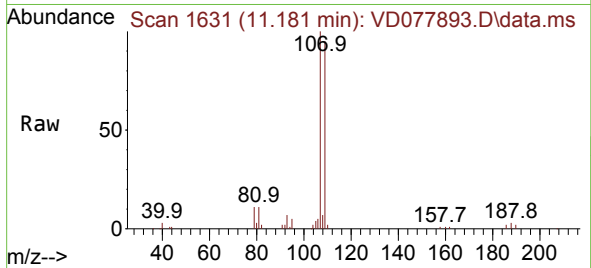




#61
1,2-Dibromoethane
Concen: 56.143 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

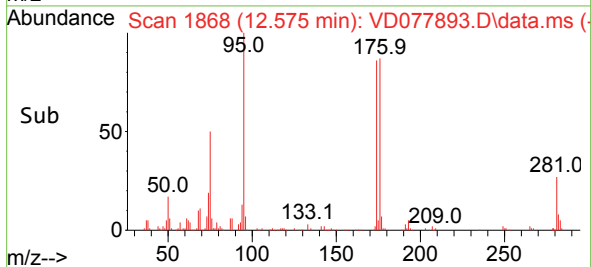
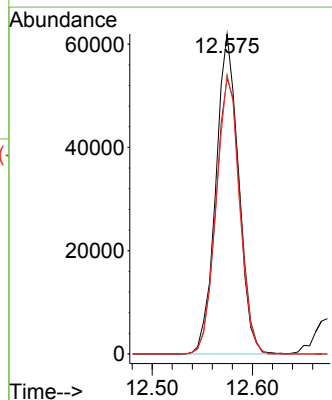
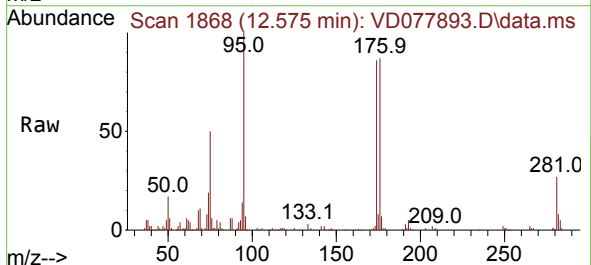
Instrument :
MSVOA_D
ClientSampleId :

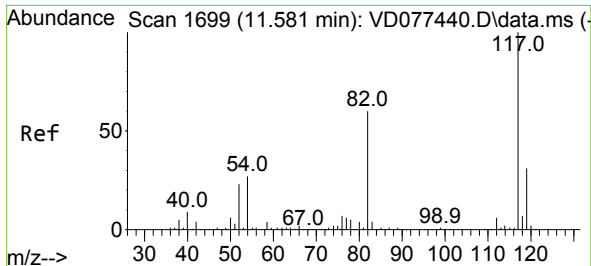
Tgt Ion:107 Resp: 67069
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.980 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 95 Resp: 96990
Ion Ratio Lower Upper
95 100
174 91.9 0.0 201.8
176 89.6 0.0 191.8

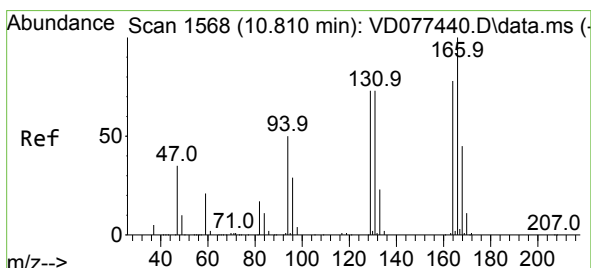
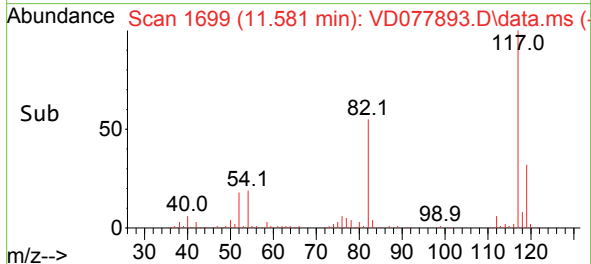
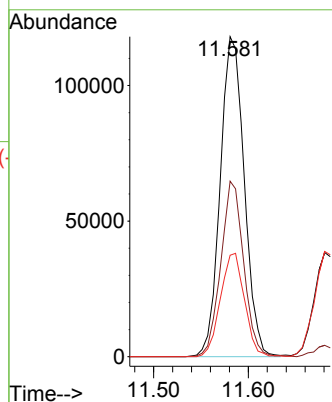
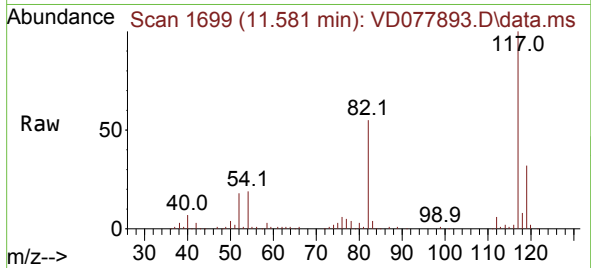




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

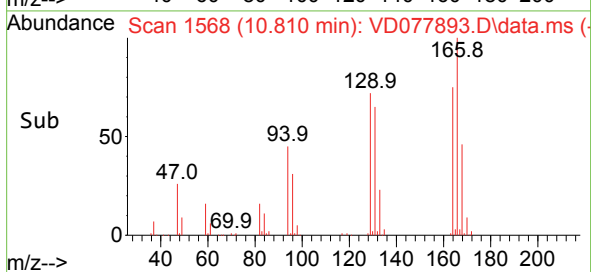
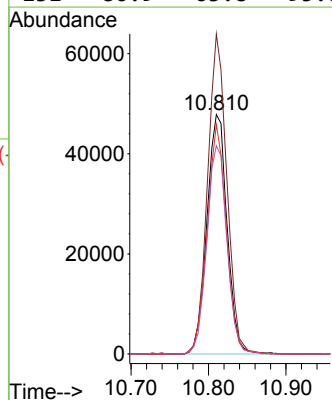
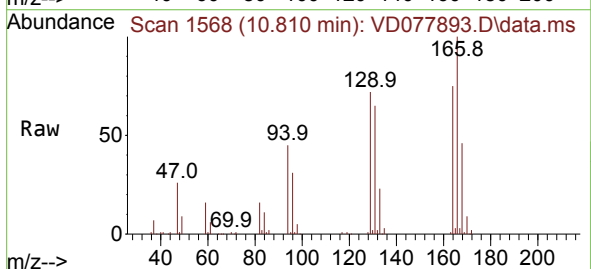
Instrument :
MSVOA_D
ClientSampleId :

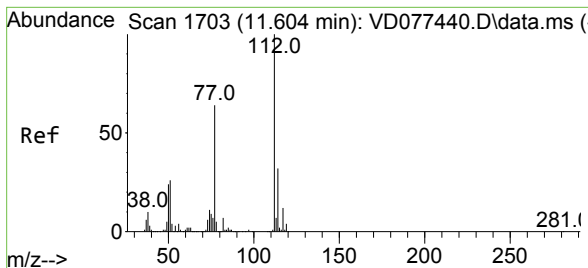
Tgt Ion:117 Resp: 208154
Ion Ratio Lower Upper
117 100
82 54.9 38.3 57.5
119 31.7 25.0 37.4



#64
Tetrachloroethene
Concen: 56.485 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion:164 Resp: 86417
Ion Ratio Lower Upper
164 100
166 133.7 99.2 148.8
129 95.8 68.4 102.6
131 86.9 63.8 95.8





#65

Chlorobenzene

Concen: 55.114 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

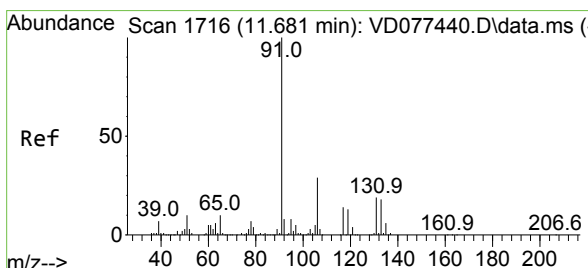
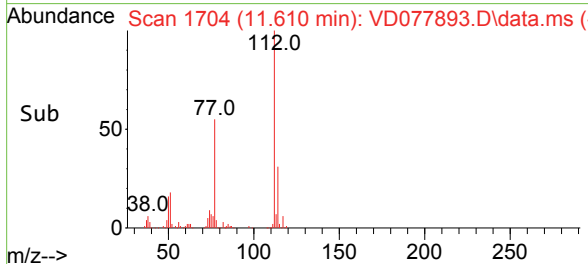
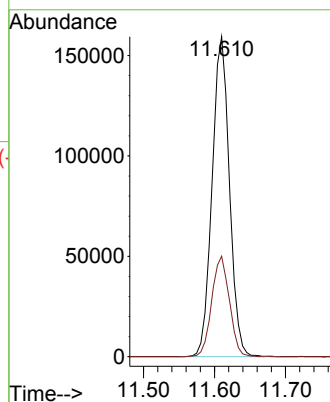
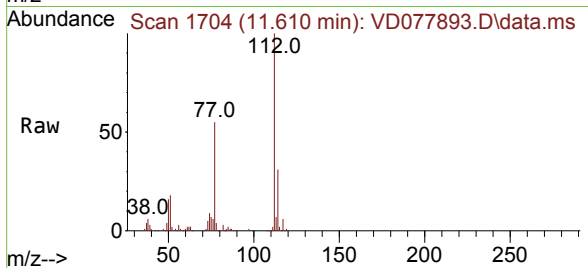
ClientSampleId :

Tgt Ion:112 Resp: 269503

Ion Ratio Lower Upper

112 100

114 31.4 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 57.587 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

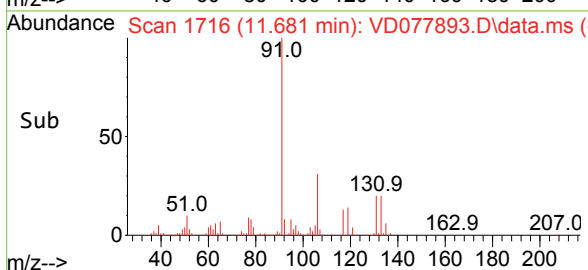
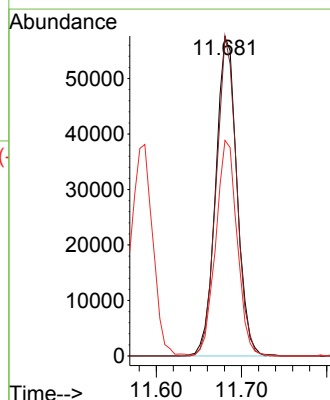
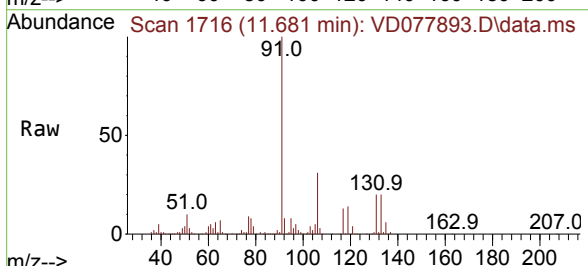
Tgt Ion:131 Resp: 99680

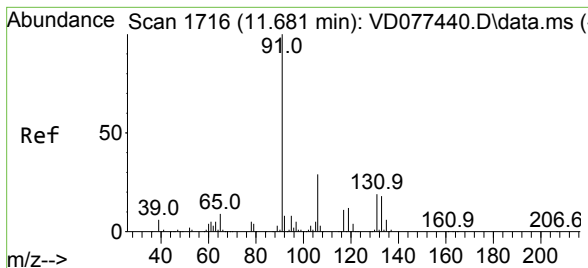
Ion Ratio Lower Upper

131 100

133 96.5 48.5 145.5

119 68.2 35.6 106.9





#67

Ethyl Benzene

Concen: 57.916 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

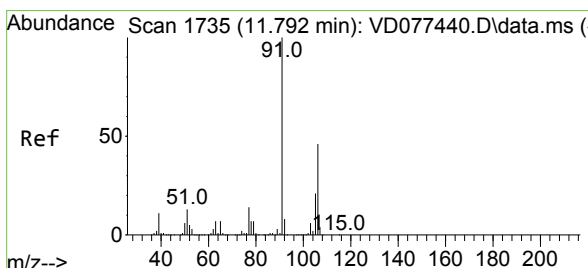
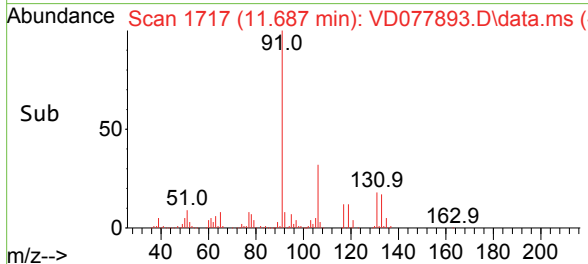
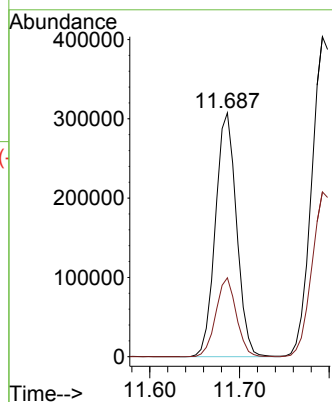
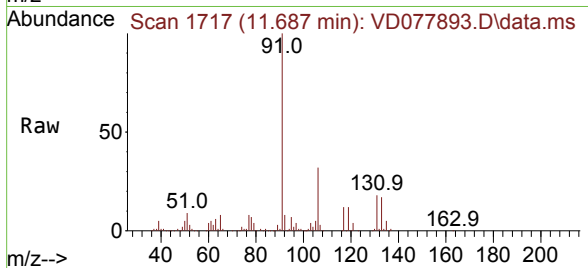
ClientSampleId :

Tgt Ion: 91 Resp: 501904

Ion Ratio Lower Upper

91 100

106 32.3 26.5 39.7



#68

m/p-Xylenes

Concen: 117.943 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077893.D

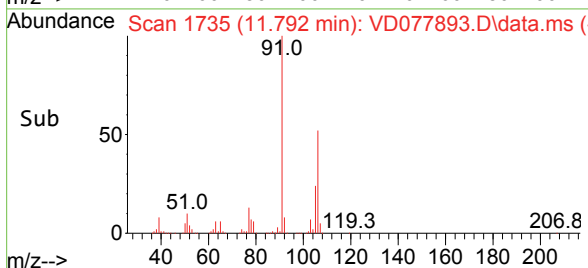
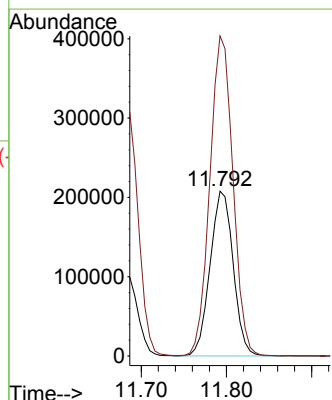
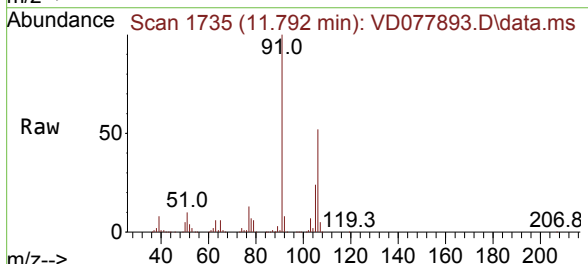
Acq: 15 Dec 2023 09:36

Tgt Ion:106 Resp: 390962

Ion Ratio Lower Upper

106 100

91 194.3 147.0 220.6

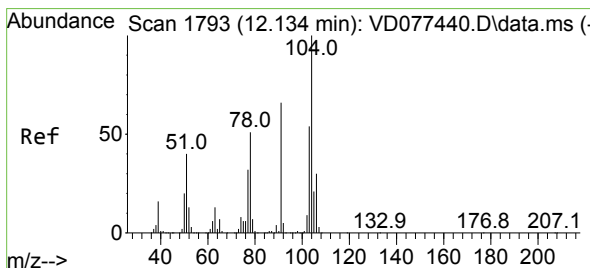
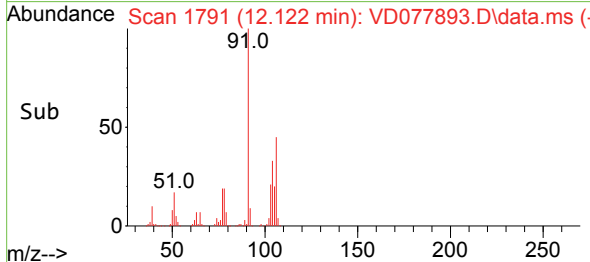
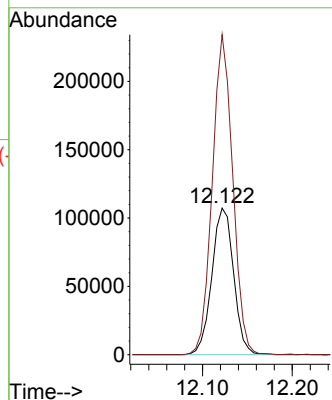
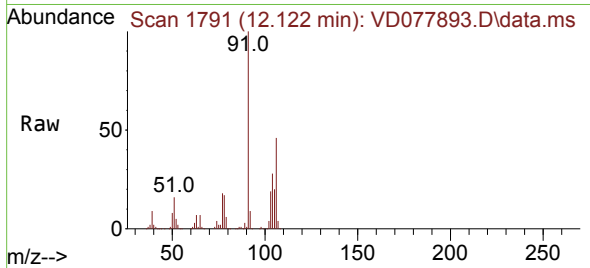




#69
o-Xylene
Concen: 59.090 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

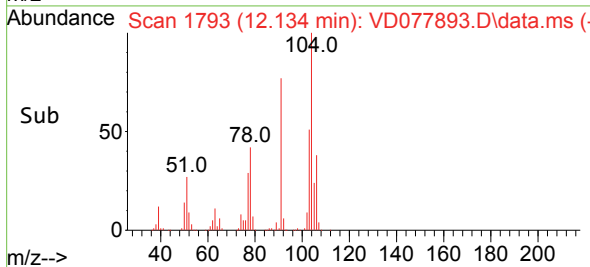
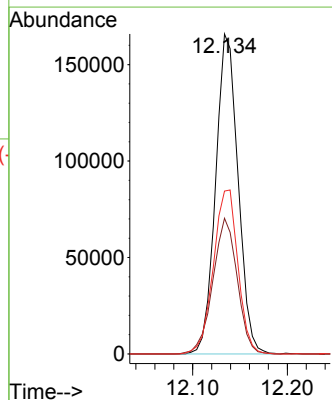
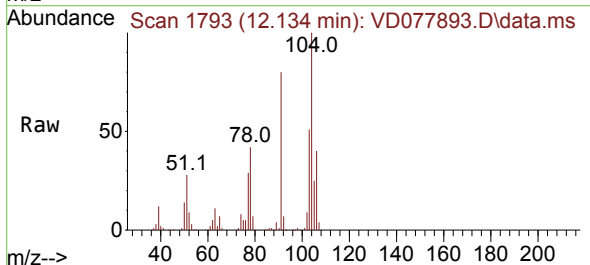
Instrument :
MSVOA_D
ClientSampleId :

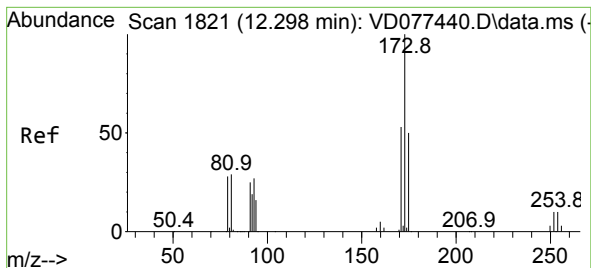
Tgt Ion:106 Resp: 180519
Ion Ratio Lower Upper
106 100
91 205.4 97.9 293.6



#70
Styrene
Concen: 60.087 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion:104 Resp: 272955
Ion Ratio Lower Upper
104 100
78 46.1 33.2 49.8
103 56.2 43.6 65.4





#71

Bromoform

Concen: 57.759 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

ClientSampleId :

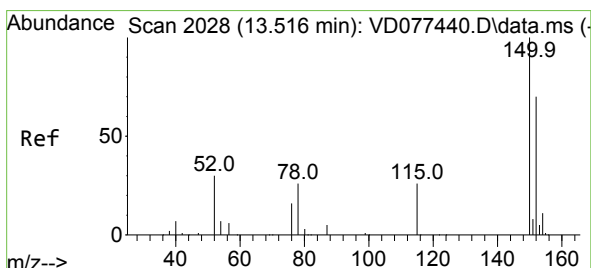
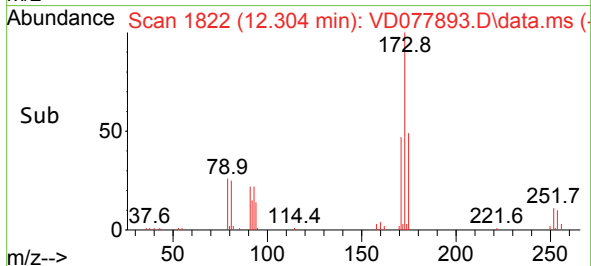
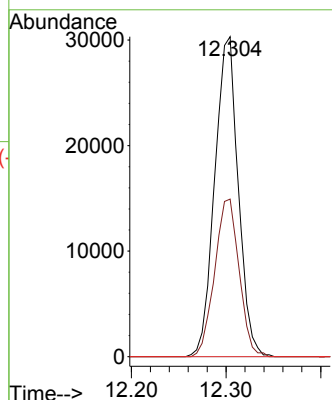
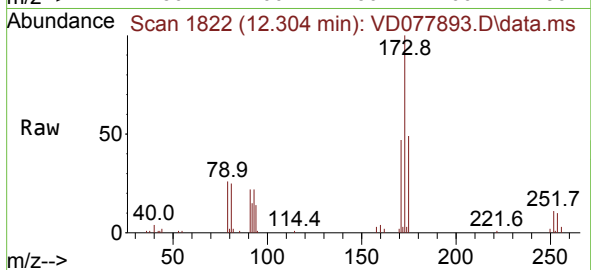
Tgt Ion:173 Resp: 52239

Ion Ratio Lower Upper

173 100

175 51.2 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: VD077893.D

Acq: 15 Dec 2023 09:36

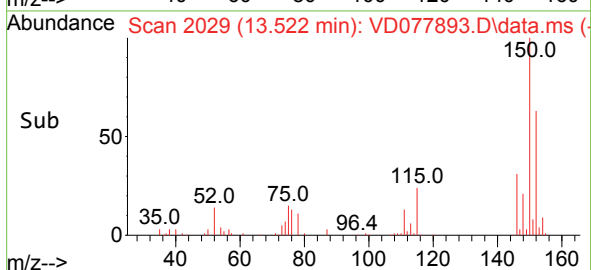
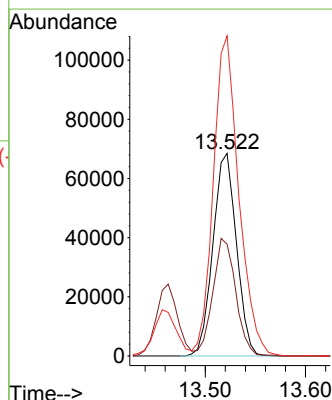
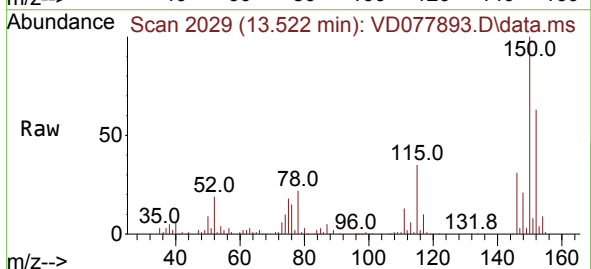
Tgt Ion:152 Resp: 111571

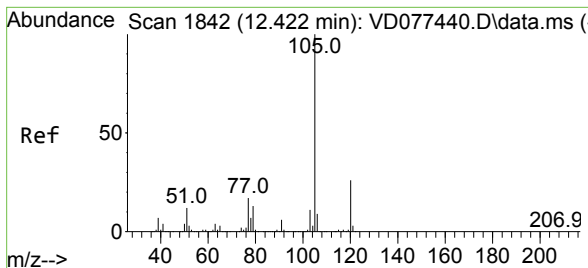
Ion Ratio Lower Upper

152 100

115 56.7 27.1 81.3

150 171.0 0.0 353.6





#73

Isopropylbenzene

Concen: 57.475 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

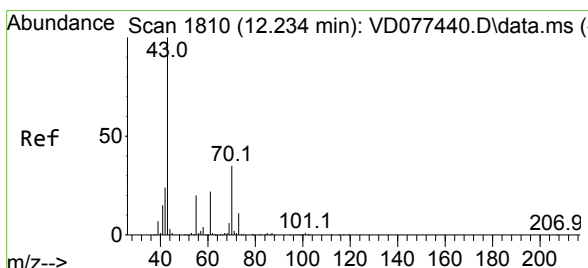
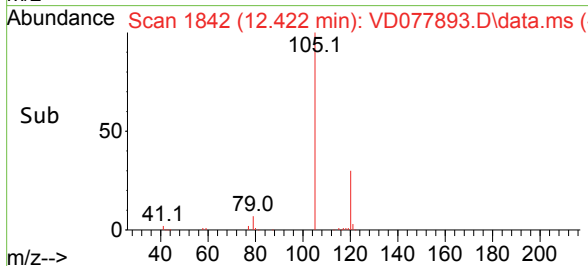
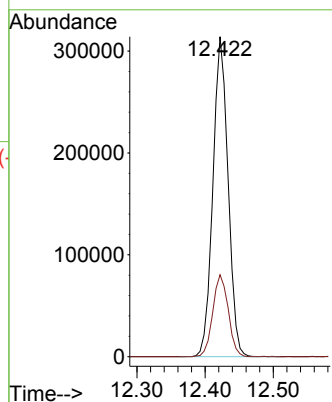
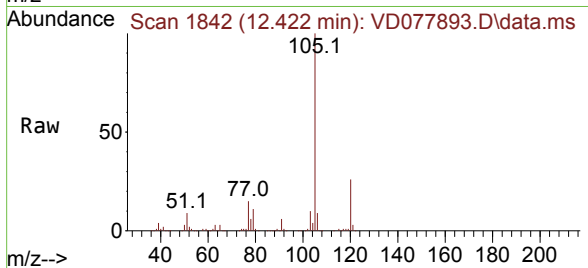
ClientSampleId :

Tgt Ion:105 Resp: 486017

Ion Ratio Lower Upper

105 100

120 26.1 14.3 42.9



#74

N-ethyl acetate

Concen: 50.916 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Tgt Ion: 43 Resp: 84634

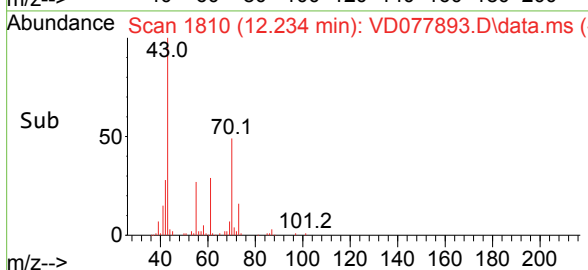
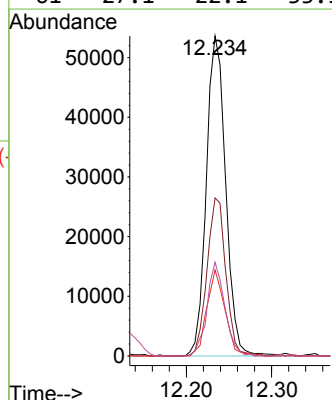
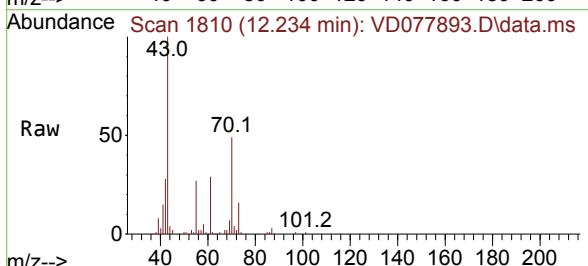
Ion Ratio Lower Upper

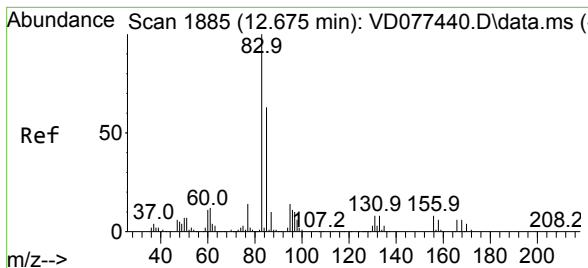
43 100

70 48.1 45.0 67.4

55 25.2 23.8 35.6

61 27.1 22.1 33.1

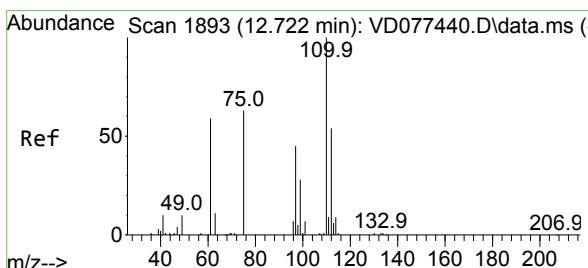
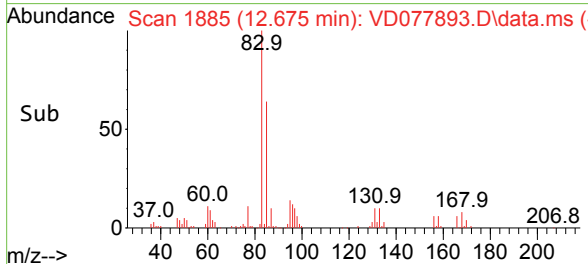
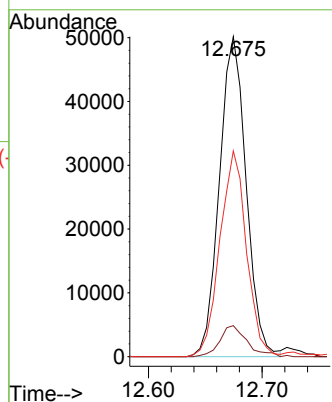
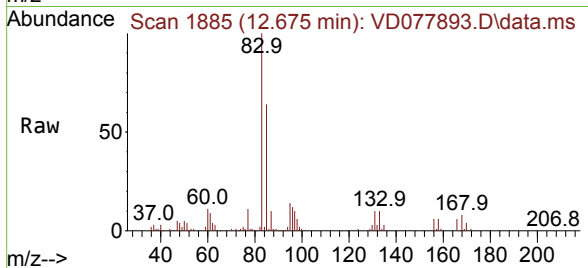




#75
1,1,2,2-Tetrachloroethane
Concen: 55.727 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

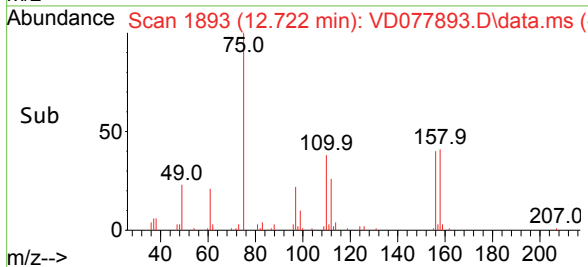
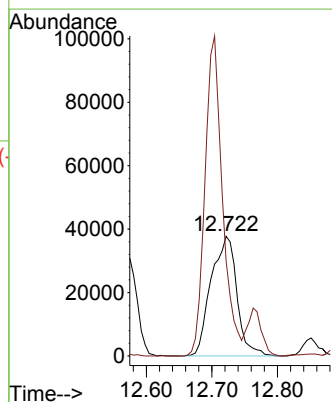
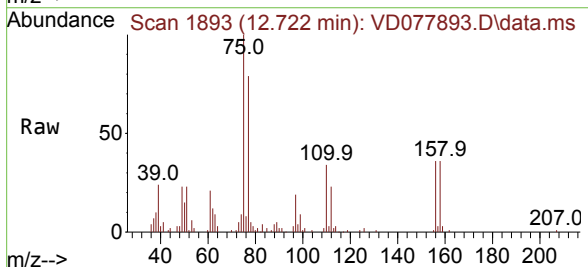
Instrument :
MSVOA_D
ClientSampleId :

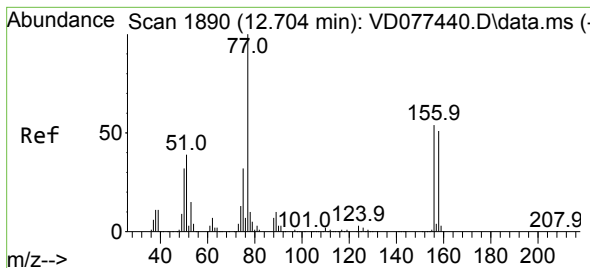
Tgt Ion: 83 Resp: 82166
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 63.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 106.493 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 75 Resp: 103192
Ion Ratio Lower Upper
75 100
77 181.9 0.0 0.0#





#77

Bromobenzene

Concen: 54.714 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

ClientSampleId :

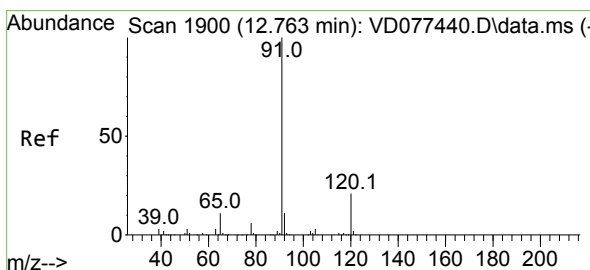
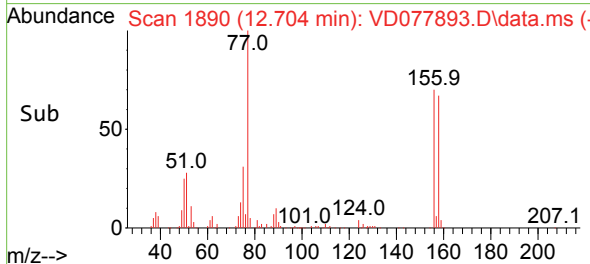
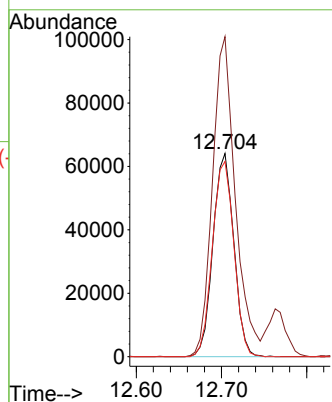
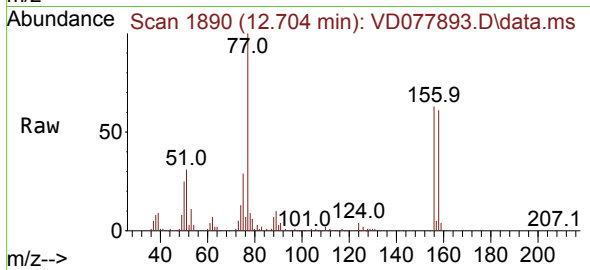
Tgt Ion:156 Resp: 108825

Ion Ratio Lower Upper

156 100

77 172.5 76.8 230.4

158 99.3 48.6 145.9



#78

n-propylbenzene

Concen: 57.063 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD077893.D

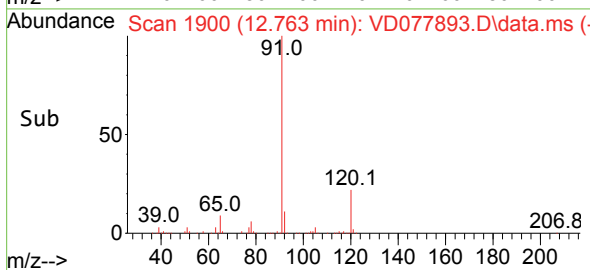
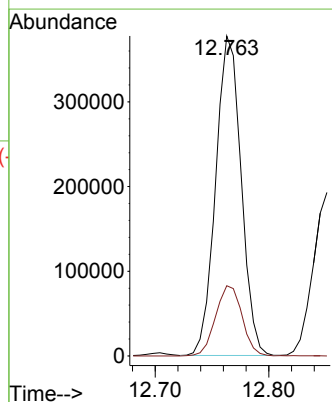
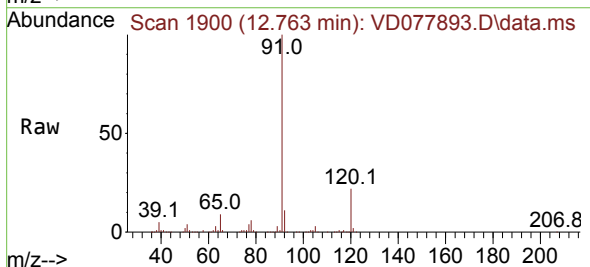
Acq: 15 Dec 2023 09:36

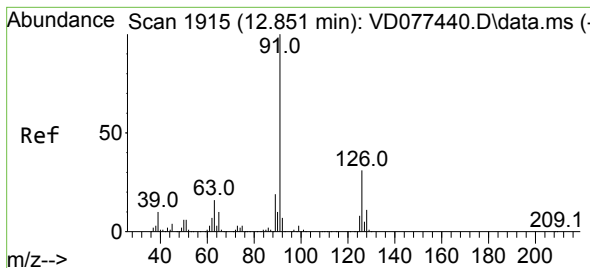
Tgt Ion: 91 Resp: 587974

Ion Ratio Lower Upper

91 100

120 22.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 55.289 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

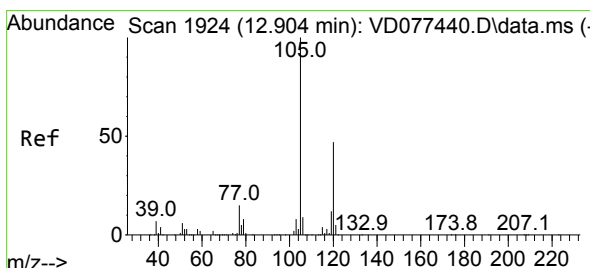
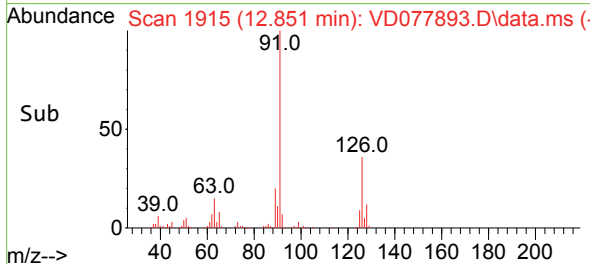
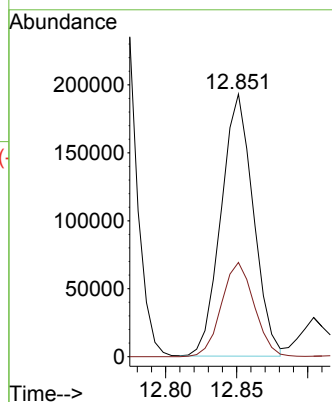
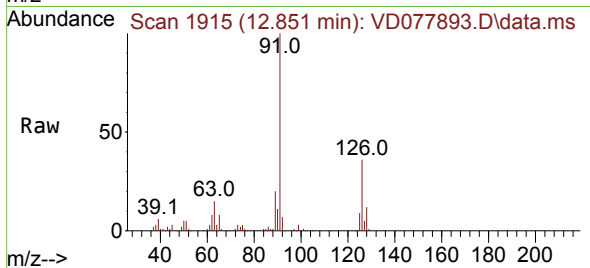
ClientSampleId :

Tgt Ion: 91 Resp: 305309

Ion Ratio Lower Upper

91 100

126 36.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 56.444 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077893.D

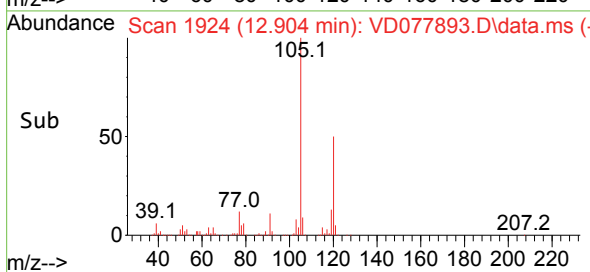
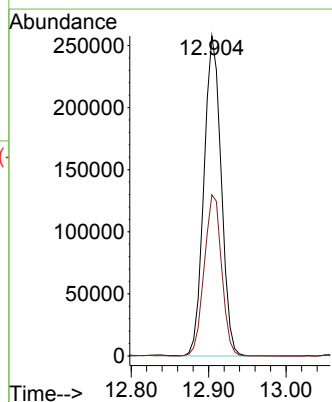
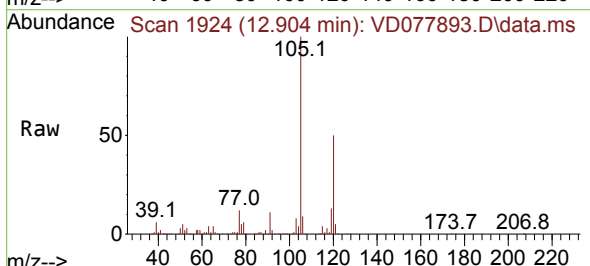
Acq: 15 Dec 2023 09:36

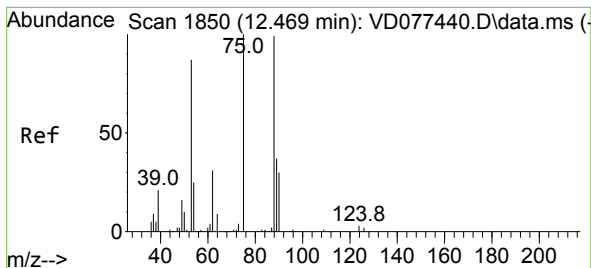
Tgt Ion: 105 Resp: 398081

Ion Ratio Lower Upper

105 100

120 50.9 26.4 79.2

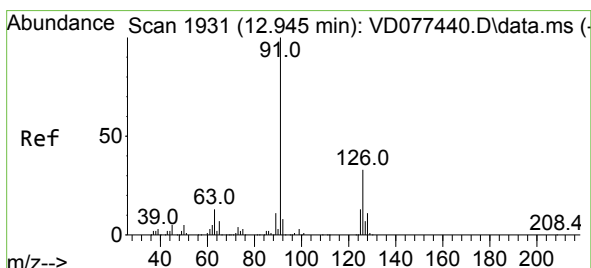
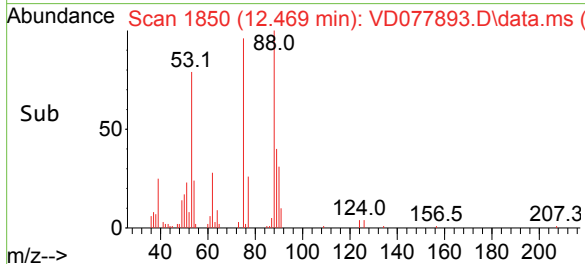
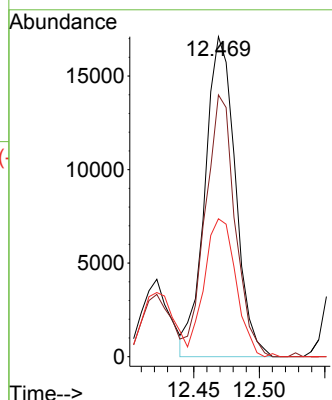
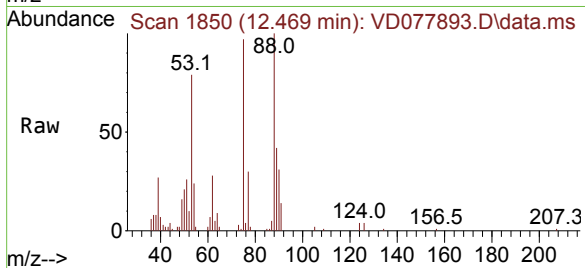




#81
trans-1,4-Dichloro-2-butene
Concen: 57.637 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

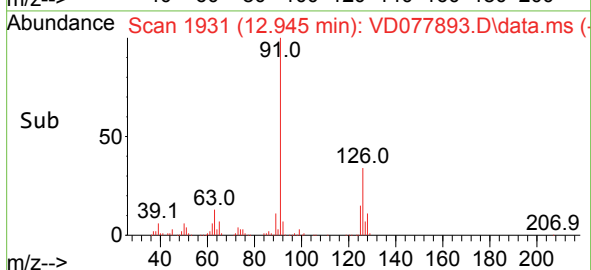
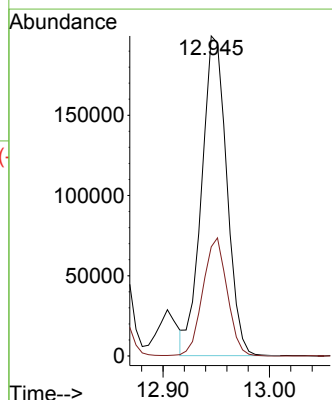
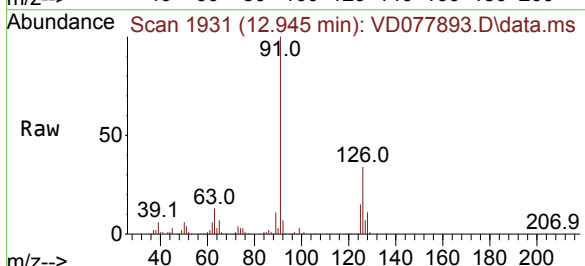
Instrument :
MSVOA_D
ClientSampleId :

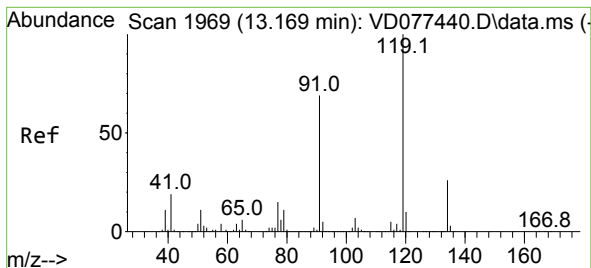
Tgt Ion: 75 Resp: 27566
Ion Ratio Lower Upper
75 100
53 80.4 63.0 94.4
89 44.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 56.626 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 91 Resp: 326891
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.4

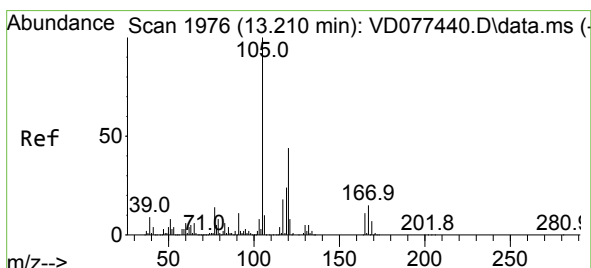
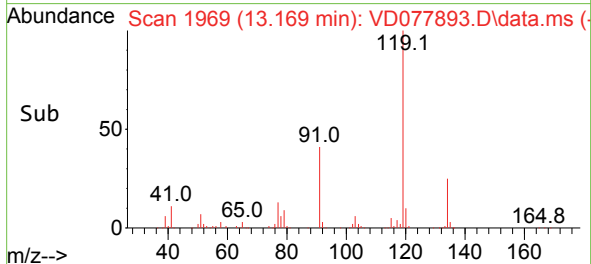
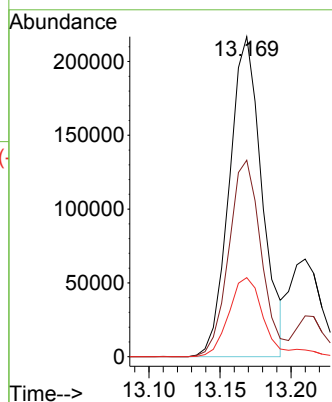
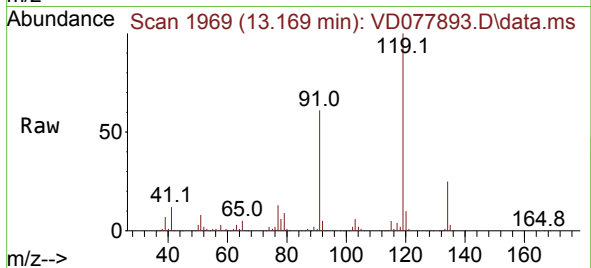




#83
tert-Butylbenzene
Concen: 58.321 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

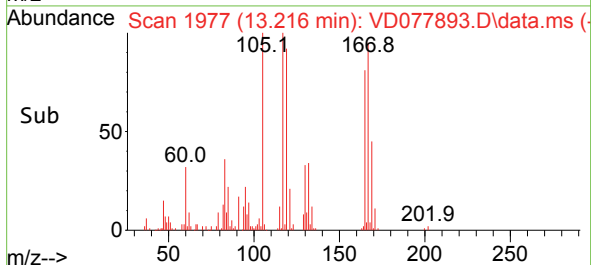
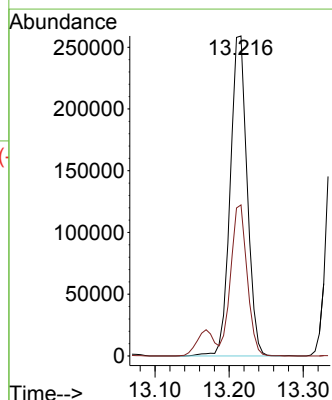
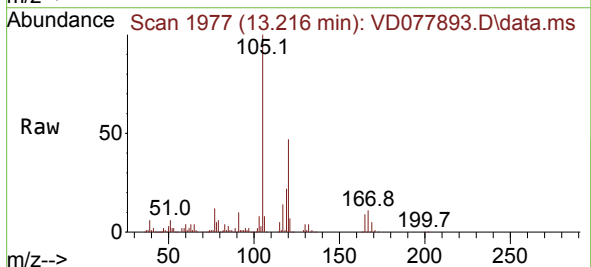
Instrument :
MSVOA_D
ClientSampleId :

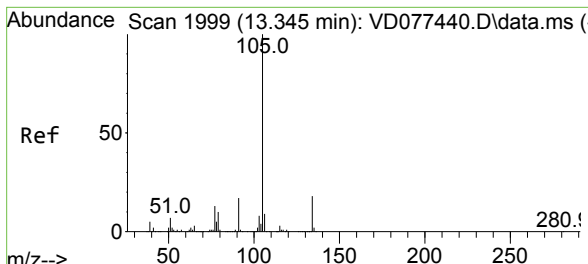
Tgt Ion:119 Resp: 347251
Ion Ratio Lower Upper
119 100
91 61.5 29.3 87.8
134 27.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 58.203 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion:105 Resp: 410568
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.9

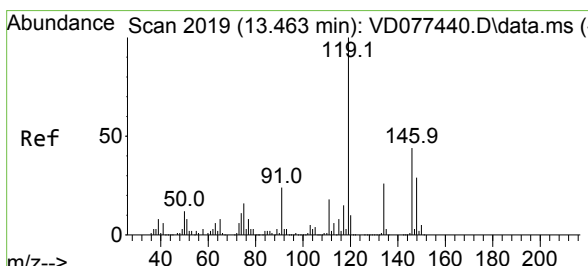
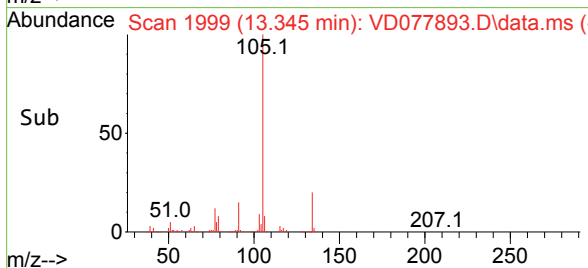
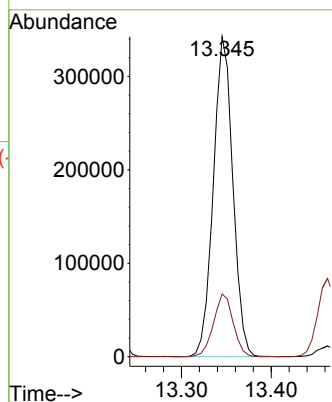
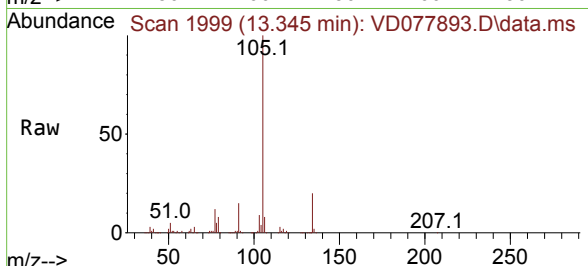




#85
 sec-Butylbenzene
 Concen: 58.719 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077893.D
 Acq: 15 Dec 2023 09:36

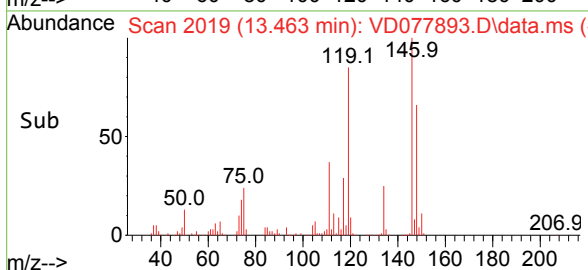
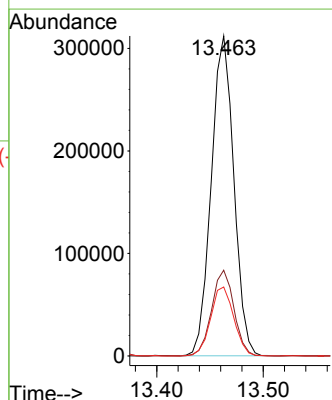
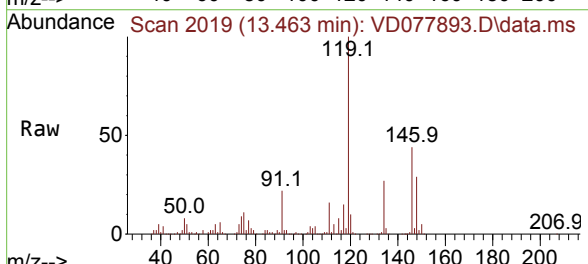
Instrument :
 MSVOA_D
 ClientSampleId :

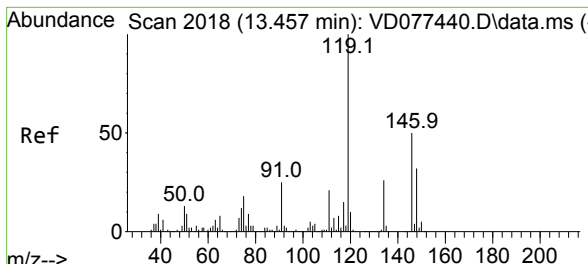
Tgt Ion:105 Resp: 516793
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 58.237 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077893.D
 Acq: 15 Dec 2023 09:36

Tgt Ion:119 Resp: 458897
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 22.2 10.5 31.5

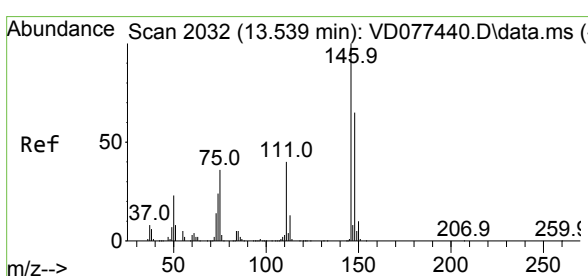
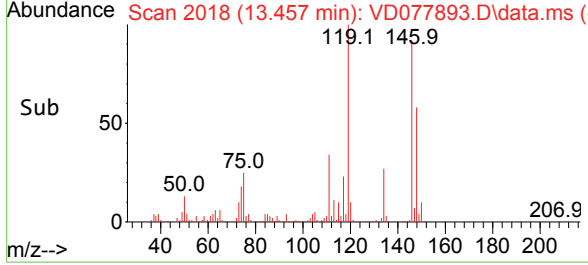
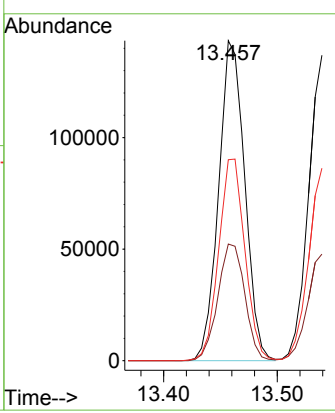
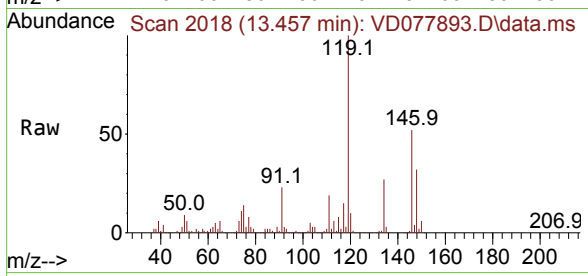




#87
 1,3-Dichlorobenzene
 Concen: 56.300 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077893.D
 Acq: 15 Dec 2023 09:36

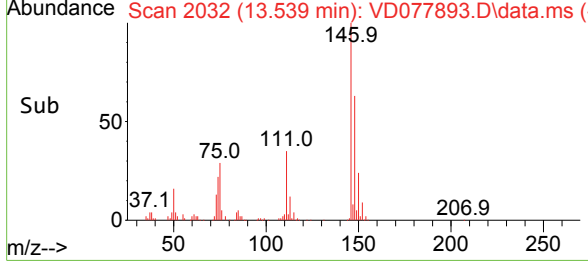
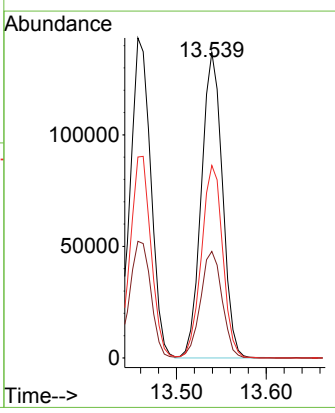
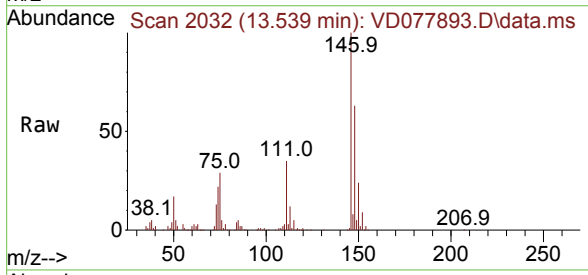
Instrument :
 MSVOA_D
 ClientSampleId :

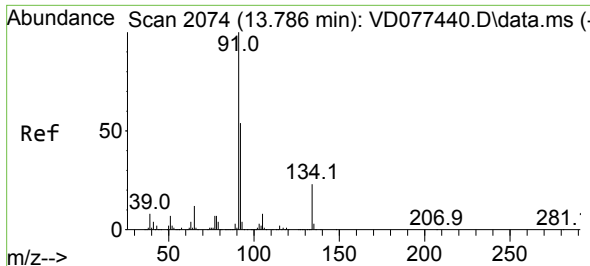
Tgt Ion:	146	Resp:	228998
Ion	Ratio	Lower	Upper
146	100		
111	37.7	17.9	53.8
148	63.5	32.3	96.8



#88
 1,4-Dichlorobenzene
 Concen: 55.136 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077893.D
 Acq: 15 Dec 2023 09:36

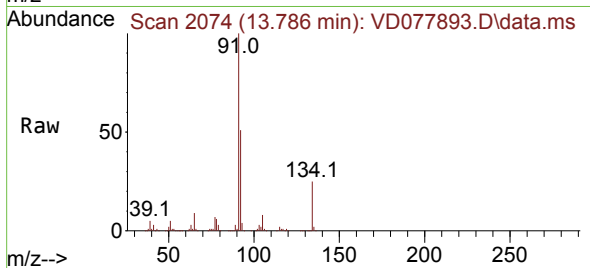
Tgt Ion:	146	Resp:	223175
Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.4	52.3
148	63.6	31.7	95.1



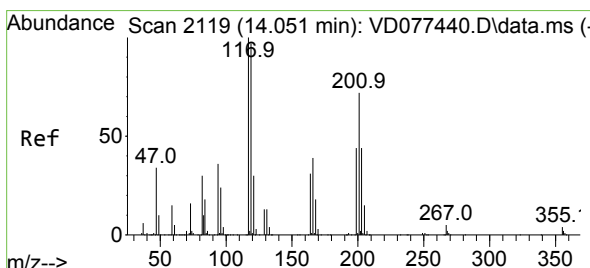
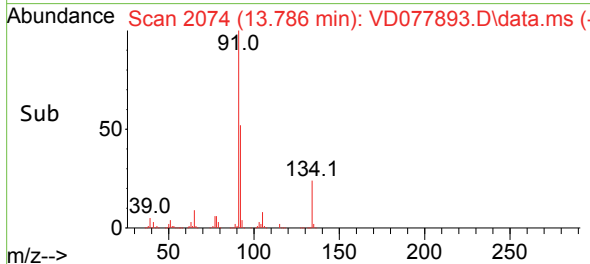
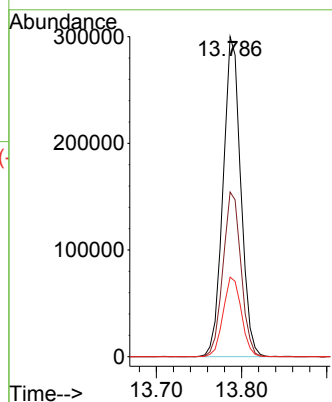


#89
n-Butylbenzene
Concen: 58.269 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_D
ClientSampleId :

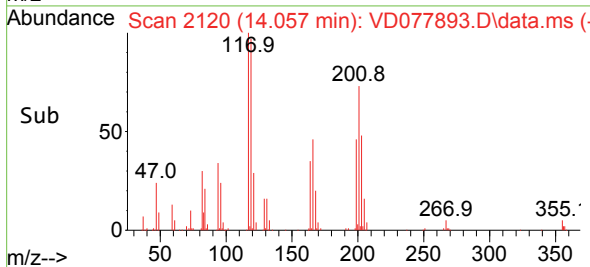
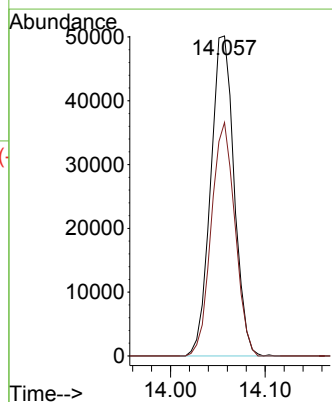
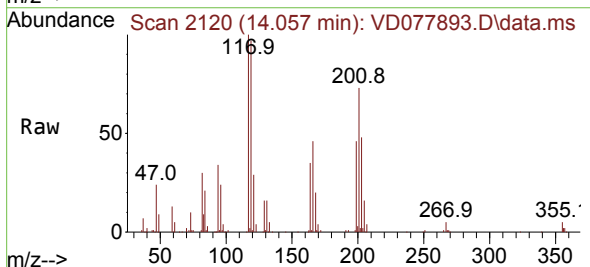


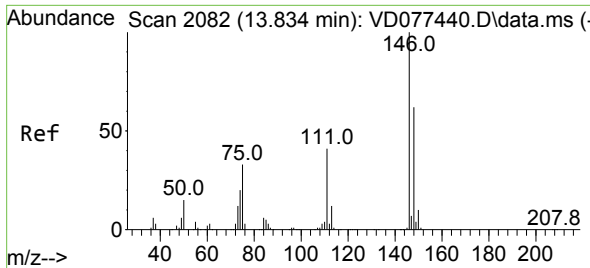
Tgt Ion: 91 Resp: 432044
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.5
134 25.6 13.8 41.3



#90
Hexachloroethane
Concen: 59.723 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 117 Resp: 86548
Ion Ratio Lower Upper
117 100
201 73.4 38.5 115.5

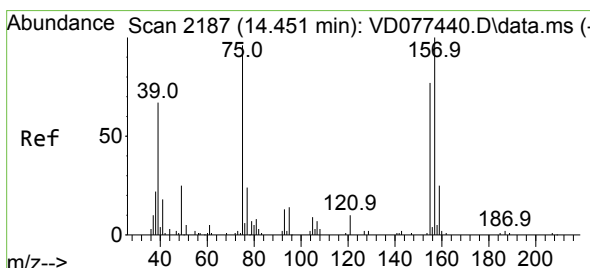
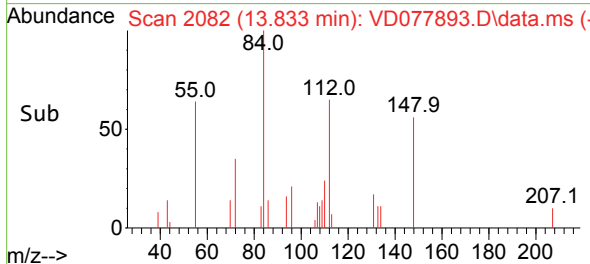
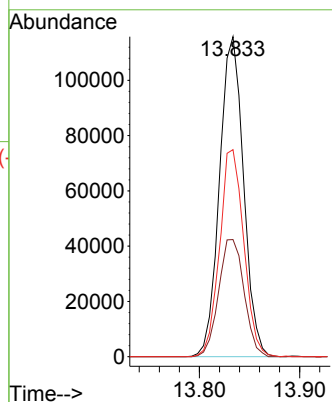
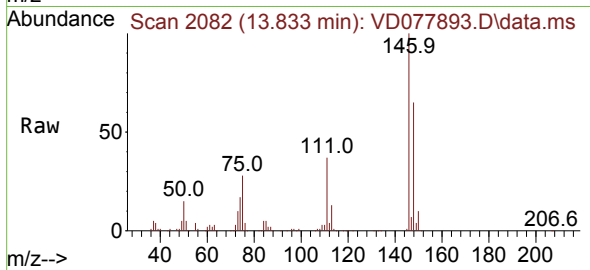




#91
1,2-Dichlorobenzene
Concen: 55.669 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

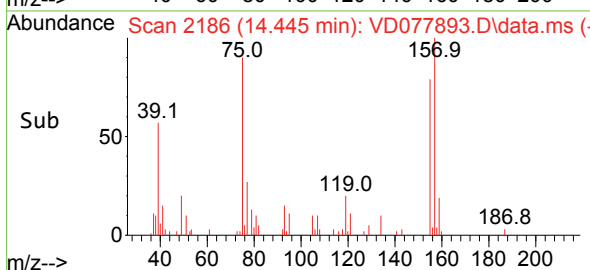
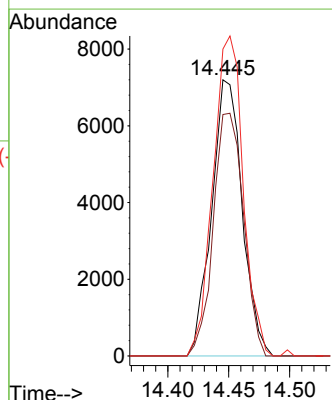
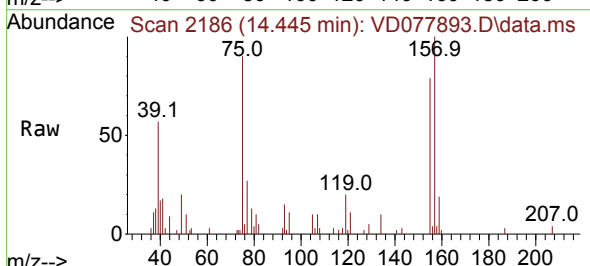
Instrument :
MSVOA_D
ClientSampleId :

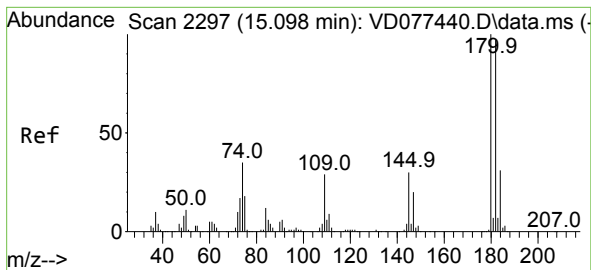
Tgt Ion:146 Resp: 192575
Ion Ratio Lower Upper
146 100
111 38.8 18.3 54.8
148 65.2 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.159 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 75 Resp: 12597
Ion Ratio Lower Upper
75 100
155 86.6 47.9 143.8
157 113.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 51.833 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

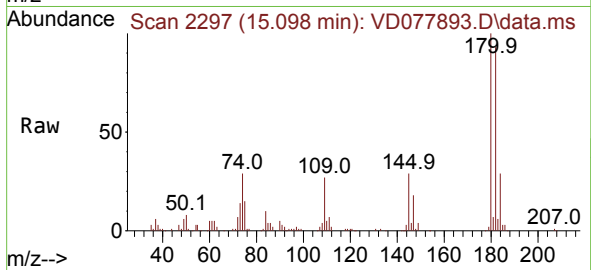
Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_D

ClientSampleId :



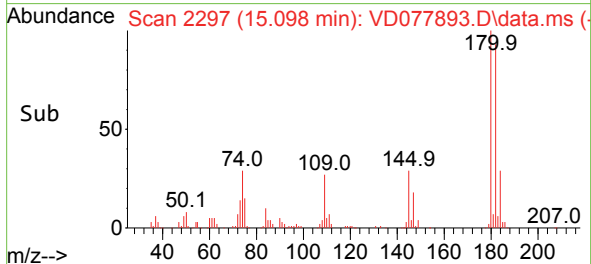
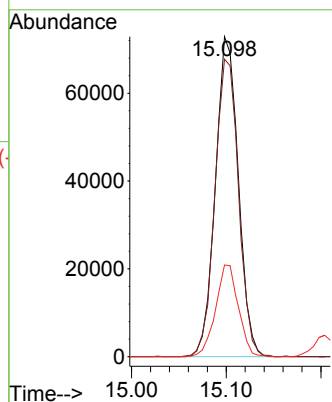
Tgt Ion:180 Resp: 122474

Ion Ratio Lower Upper

180 100

182 96.0 48.5 145.6

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 55.382 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077893.D

Acq: 15 Dec 2023 09:36

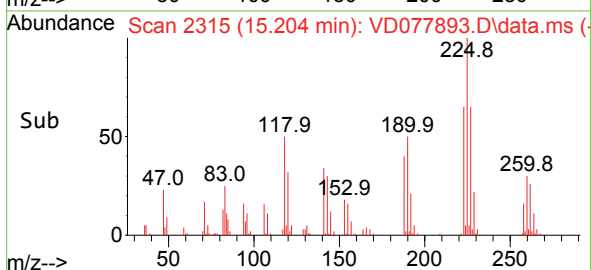
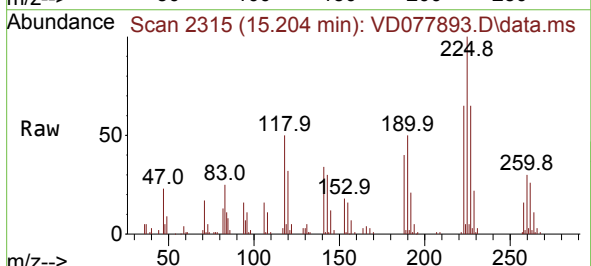
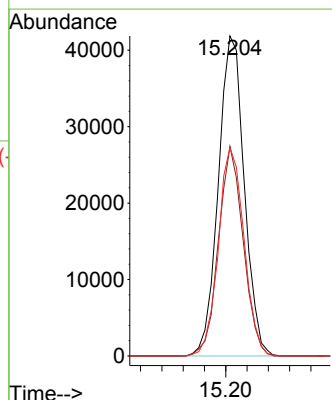
Tgt Ion:225 Resp: 70566

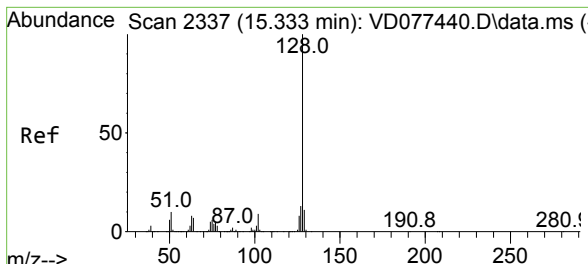
Ion Ratio Lower Upper

225 100

223 62.5 31.6 94.8

227 64.4 31.7 95.1

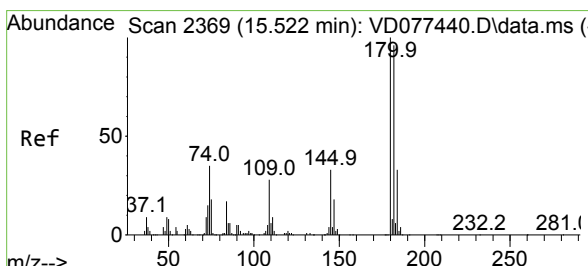
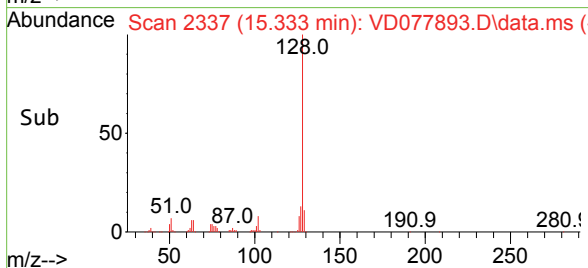
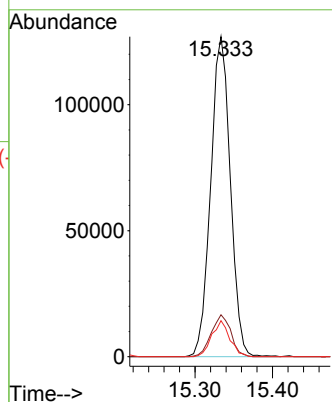
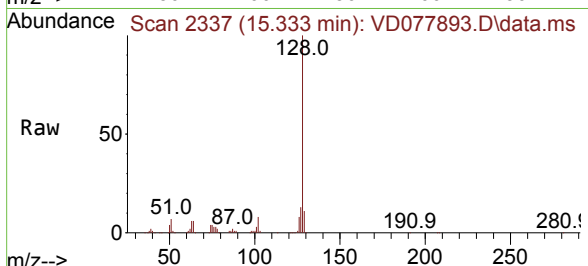




#95
Naphthalene
Concen: 57.010 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 223818
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.859 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077893.D
Acq: 15 Dec 2023 09:36

Tgt Ion:180 Resp: 104916
Ion Ratio Lower Upper
180 100
182 97.3 47.3 141.9
145 31.8 15.1 45.3

