

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102623\
 Data File : VD077426.D
 Acq On : 26 Oct 2023 10:44
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Oct 27 08:54:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	214205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	341889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	325304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	207774	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100660	52.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.260%	
35) Dibromofluoromethane	7.804	113	123505	51.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.840%	
50) Toluene-d8	10.269	98	485300	56.417	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.840%	
62) 4-Bromofluorobenzene	12.575	95	137184	55.402	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.800%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	108672	54.570	ug/l	99
3) Chloromethane	2.152	50	197843	48.786	ug/l	97
4) Vinyl Chloride	2.287	62	254962	53.225	ug/l	99
5) Bromomethane	2.693	94	117039	38.020	ug/l	98
6) Chloroethane	2.840	64	136874	40.645	ug/l	98
7) Trichlorofluoromethane	3.181	101	263767	54.279	ug/l	99
8) Diethyl Ether	3.593	74	93403	71.714	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.969	101	127916	50.880	ug/l	100
10) Methyl Iodide	4.163	142	134458	43.708	ug/l	91
11) Tert butyl alcohol	5.063	59	29914	278.017	ug/l	100
12) 1,1-Dichloroethene	3.940	96	120947	49.039	ug/l	95
13) Acrolein	3.799	56	71914	385.022	ug/l	98
14) Allyl chloride	4.558	41	124373	53.149	ug/l	100
15) Acrylonitrile	5.252	53	119203	302.014	ug/l	99
16) Acetone	4.016	43	116722	278.283	ug/l	92
17) Carbon Disulfide	4.269	76	343511	47.379	ug/l	97
18) Methyl Acetate	4.563	43	83615	57.279	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	254044	60.475	ug/l	100
20) Methylene Chloride	4.805	84	161692	65.138	ug/l	97
21) trans-1,2-Dichloroethene	5.316	96	140009	54.580	ug/l	92
22) Diisopropyl ether	6.216	45	298520	64.985	ug/l	99
23) Vinyl Acetate	6.157	43	701452	325.838	ug/l	100
24) 1,1-Dichloroethane	6.116	63	217864	57.042	ug/l	99
25) 2-Butanone	7.075	43	134667	309.512	ug/l	97
26) 2,2-Dichloropropane	7.075	77	195961	56.270	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	158555	55.125	ug/l	98
28) Bromochloromethane	7.428	49	77278	55.389	ug/l	100
29) Tetrahydrofuran	7.446	42	79555	316.971	ug/l	100
30) Chloroform	7.593	83	246822	56.324	ug/l	98
31) Cyclohexane	7.875	56	164874	55.403	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	205595	54.383	ug/l	97
36) 1,1-Dichloropropene	8.010	75	176631	55.965	ug/l	99
37) Ethyl Acetate	7.163	43	58042	58.547	ug/l	99
38) Carbon Tetrachloride	7.987	117	192593	54.855	ug/l	97
39) Methylcyclohexane	9.275	83	212861	55.506	ug/l	96
40) Benzene	8.251	78	542118	56.602	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	30920	65.352	ug/l	91
42) 1,2-Dichloroethane	8.322	62	124993	55.405	ug/l	100
43) Isopropyl Acetate	8.357	43	109568	61.392	ug/l	98
44) Trichloroethene	9.028	130	146063	52.161	ug/l	99
45) 1,2-Dichloropropane	9.304	63	128929	58.397	ug/l	96
46) Dibromomethane	9.393	93	75450	54.663	ug/l	96
47) Bromodichloromethane	9.581	83	185704	56.423	ug/l	98
48) Methyl methacrylate	9.381	41	52045	64.461	ug/l	89
49) 1,4-Dioxane	9.387	88	15652	1148.677	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	290907	325.161	ug/l	98
52) Toluene	10.334	92	356388	56.990	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	170303	57.645	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	206044	57.002	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	105673	55.276	ug/l	96
56) Ethyl methacrylate	10.598	69	113039	61.870	ug/l	98
57) 1,3-Dichloropropane	10.881	76	169600	57.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	270847	299.771	ug/l	100
59) 2-Hexanone	10.922	43	207286	322.596	ug/l	98
60) Dibromochloromethane	11.075	129	132480	54.271	ug/l	98
61) 1,2-Dibromoethane	11.181	107	99667	55.326	ug/l	98
64) Tetrachloroethene	10.810	164	122586	50.700	ug/l	96
65) Chlorobenzene	11.604	112	383920	54.144	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	143781	53.344	ug/l	96
67) Ethyl Benzene	11.681	91	664996	56.576	ug/l	97
68) m/p-Xylenes	11.792	106	545779	113.076	ug/l	96
69) o-Xylene	12.122	106	250868	56.460	ug/l	96
70) Styrene	12.134	104	444816	58.676	ug/l	99
71) Bromoform	12.298	173	79654	53.910	ug/l #	98
73) Isopropylbenzene	12.422	105	660245	48.042	ug/l	96
74) N-amyl acetate	12.234	43	103213	52.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	119924	48.020	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	139013	49.323	ug/l #	100
77) Bromobenzene	12.698	156	161865	44.863	ug/l	98
78) n-propylbenzene	12.763	91	805943	48.694	ug/l	98
79) 2-Chlorotoluene	12.851	91	418208	46.390	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	550485	48.539	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	38577	49.750	ug/l	96
82) 4-Chlorotoluene	12.945	91	447213	47.648	ug/l	98
83) tert-Butylbenzene	13.169	119	619733	61.635	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	698843	61.203	ug/l	97
85) sec-Butylbenzene	13.345	105	945499	62.490	ug/l	96
86) p-Isopropyltoluene	13.457	119	810372	61.651	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	430573	56.706	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	387397	51.486	ug/l	100
89) n-Butylbenzene	13.786	91	627605	54.833	ug/l	99
90) Hexachloroethane	14.051	117	149553	56.286	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	320130	49.910	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16699	54.630	ug/l	85
93) 1,2,4-Trichlorobenzene	15.104	180	179624	44.947	ug/l	97
94) Hexachlorobutadiene	15.204	225	97507	42.961	ug/l	98
95) Naphthalene	15.333	128	315707	46.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	154481	44.535	ug/l	100

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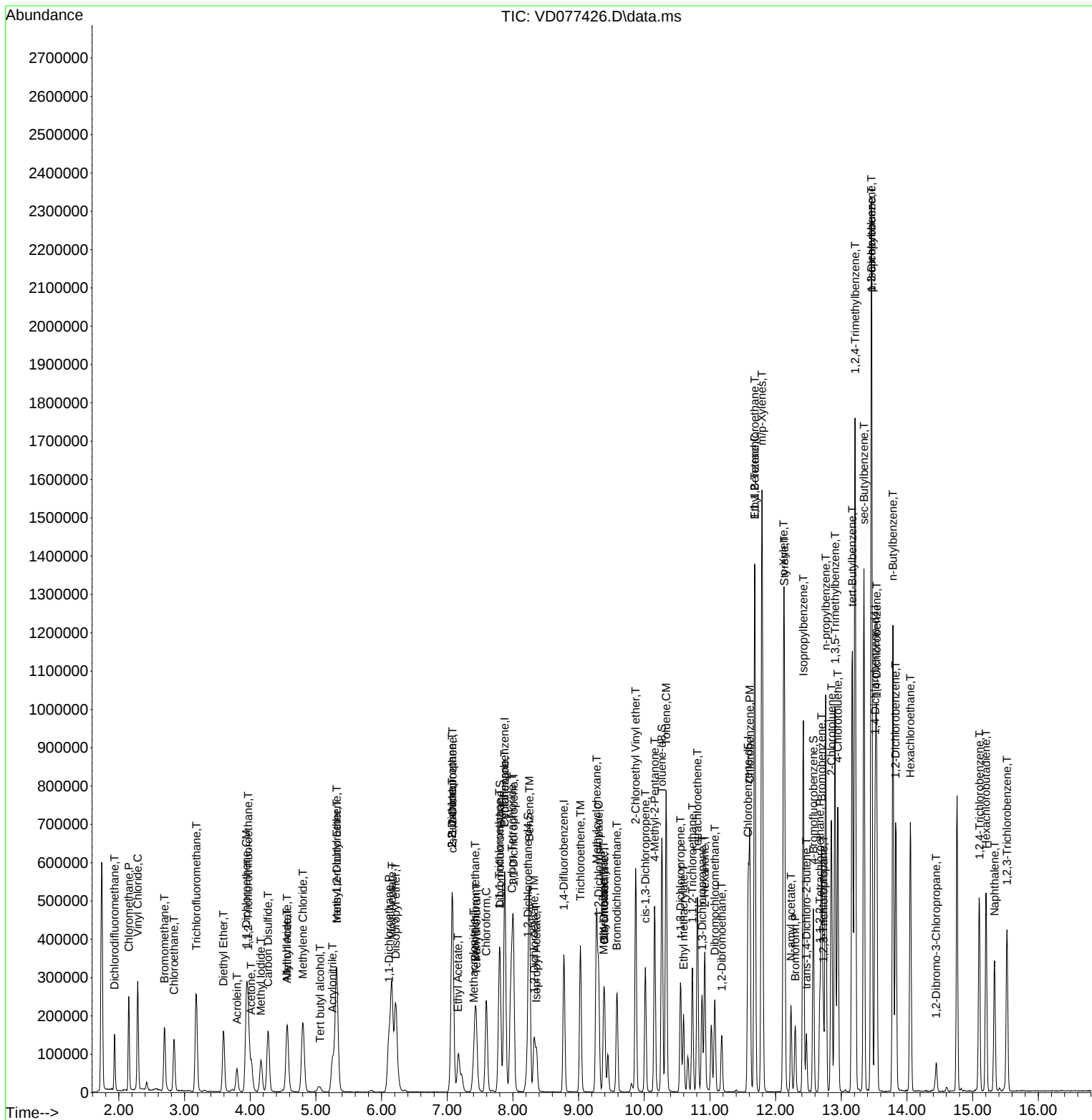
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

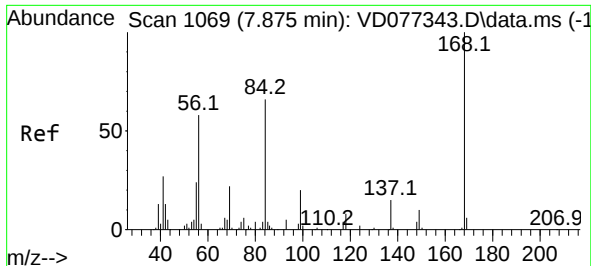
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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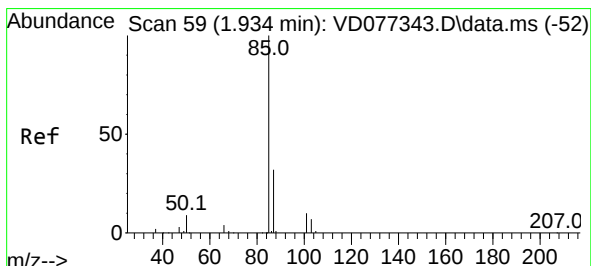
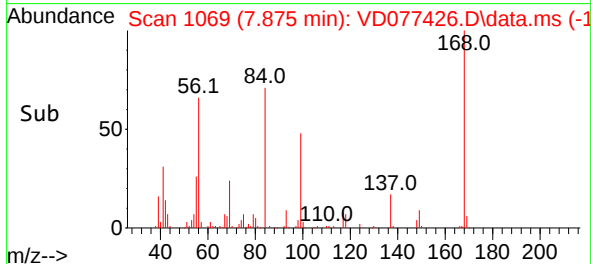
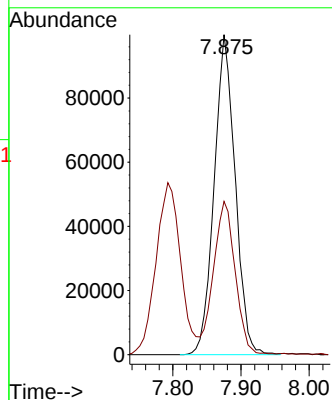
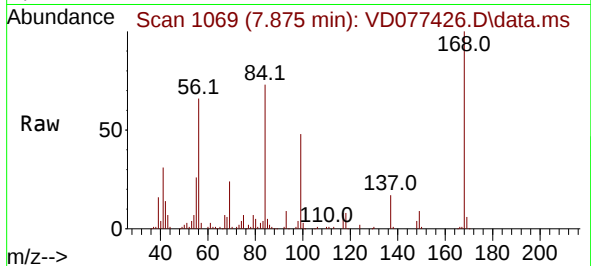




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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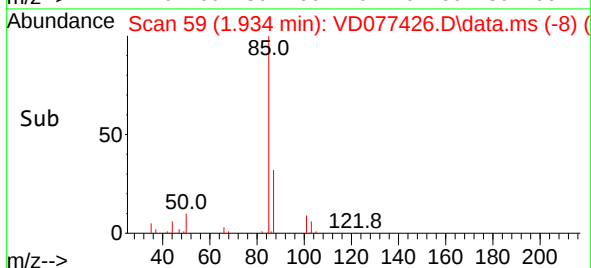
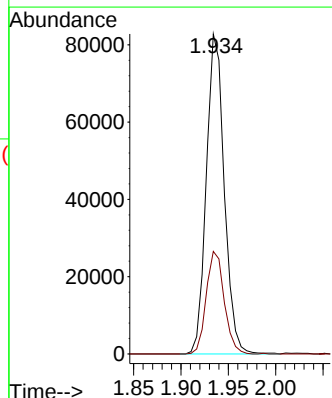
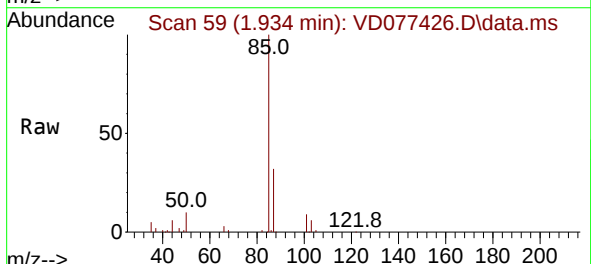
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ClientSampleId :
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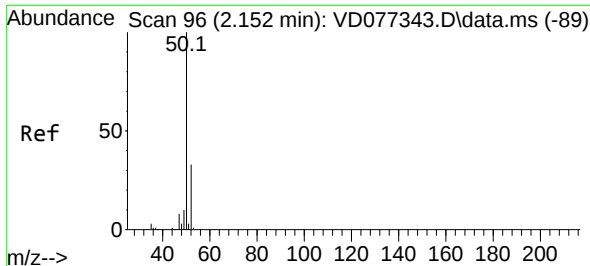
Tgt Ion:168 Resp: 214205
Ion Ratio Lower Upper
168 100
99 47.6 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 54.570 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 85 Resp: 108672
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0

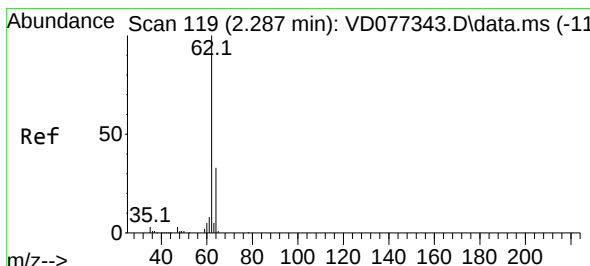
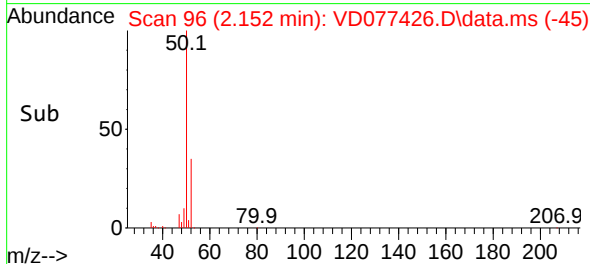
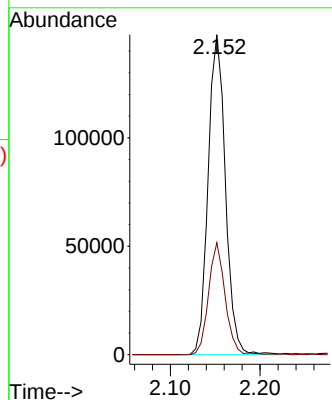
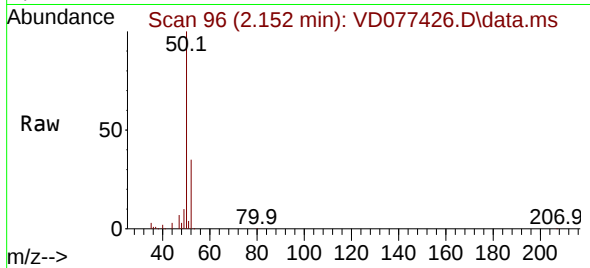




#3
Chloromethane
Concen: 48.786 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

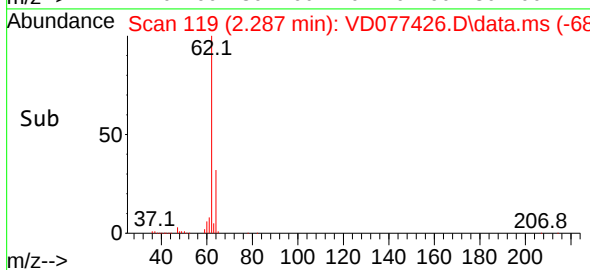
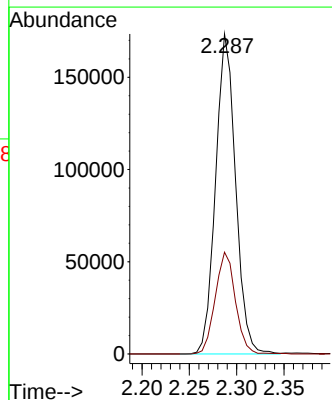
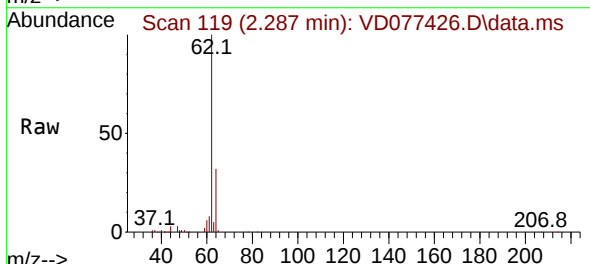
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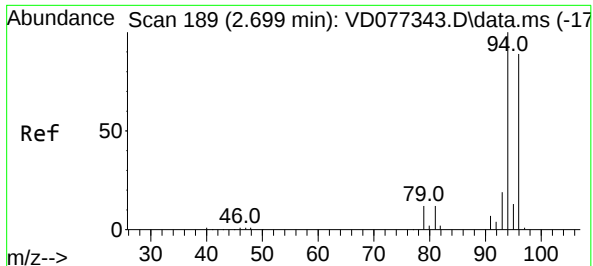
Tgt Ion: 50 Resp: 197843
Ion Ratio Lower Upper
50 100
52 35.0 26.6 40.0



#4
Vinyl Chloride
Concen: 53.225 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 62 Resp: 254962
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0

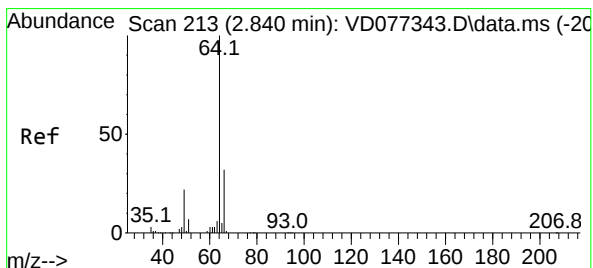
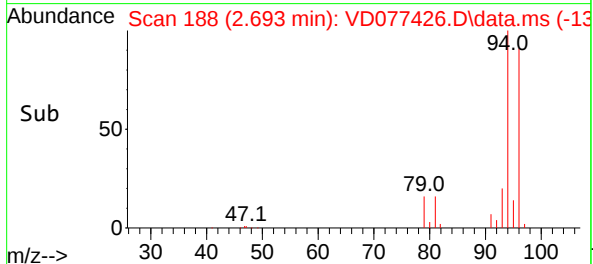
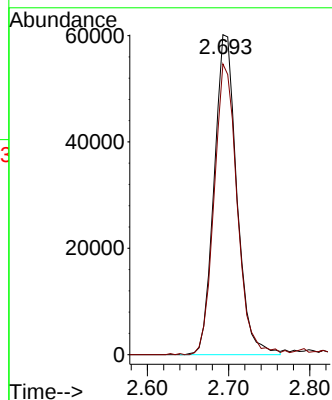
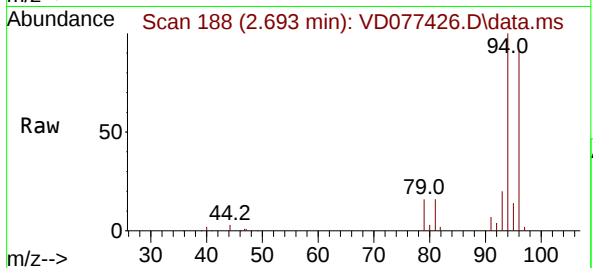




#5
Bromomethane
Concen: 38.020 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

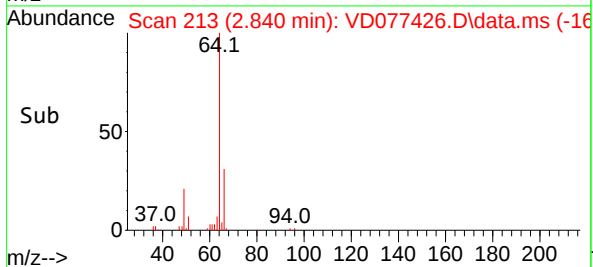
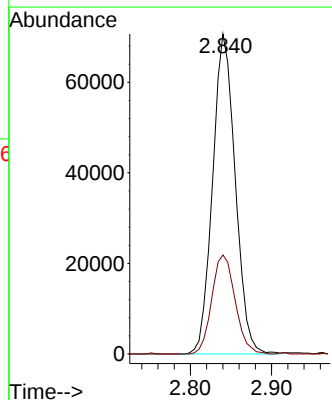
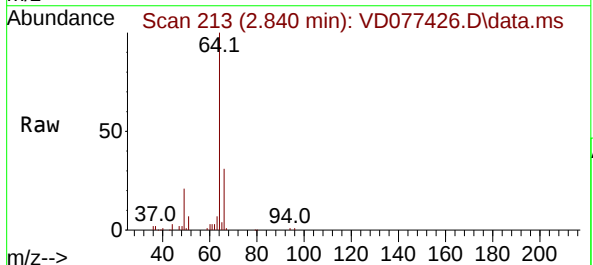
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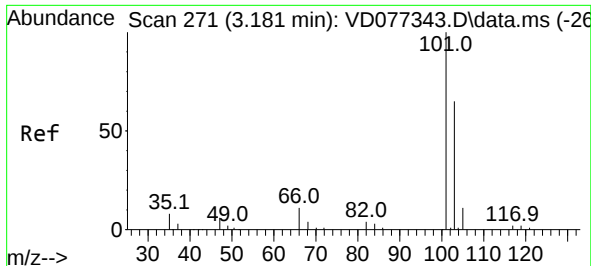
Tgt Ion: 94 Resp: 117039
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.8



#6
Chloroethane
Concen: 40.645 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 64 Resp: 136874
Ion Ratio Lower Upper
64 100
66 31.0 25.5 38.3

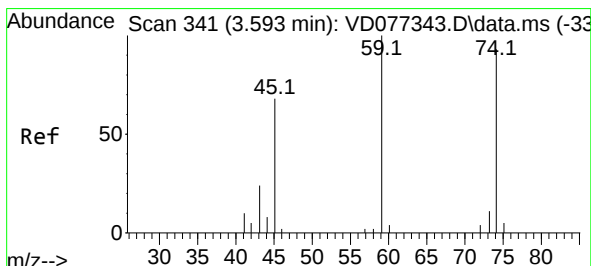
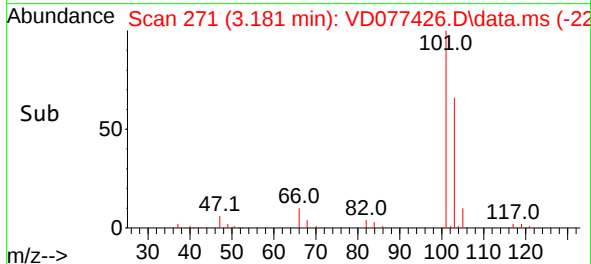
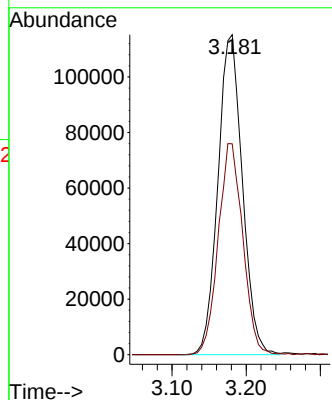
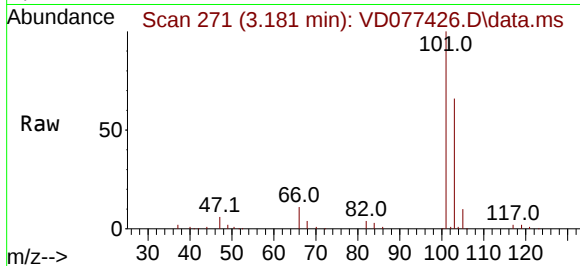




#7
 Trichlorofluoromethane
 Concen: 54.279 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. 0.000 min
 Lab File: VD077426.D
 Acq: 26 Oct 2023 10:44

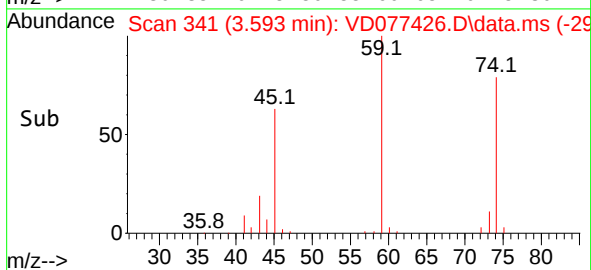
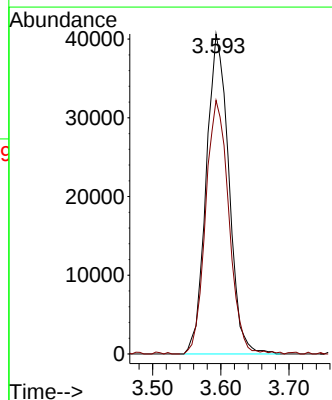
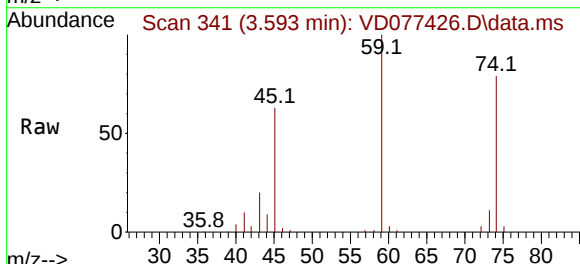
Instrument :
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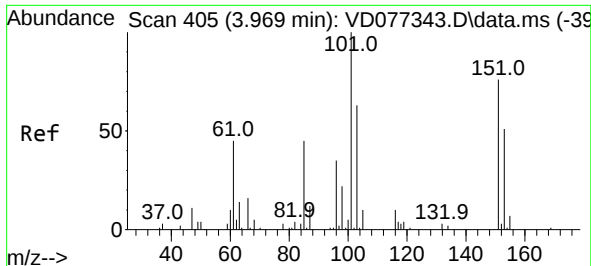
Tgt Ion:101 Resp: 263767
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 71.714 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 93403
 Ion Ratio Lower Upper
 74 100
 45 81.8 37.5 112.7

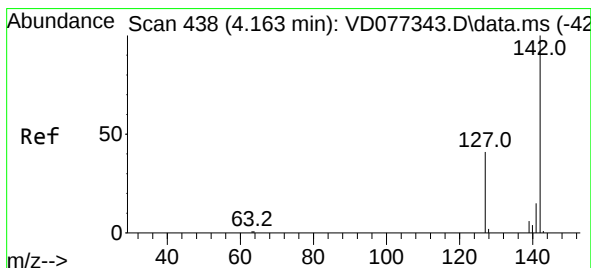
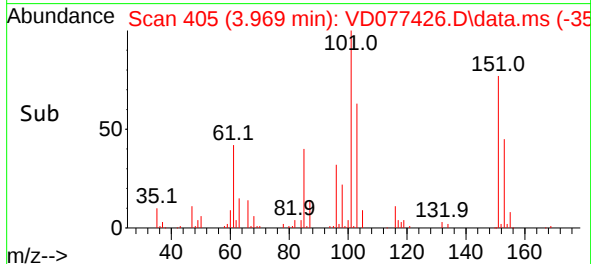
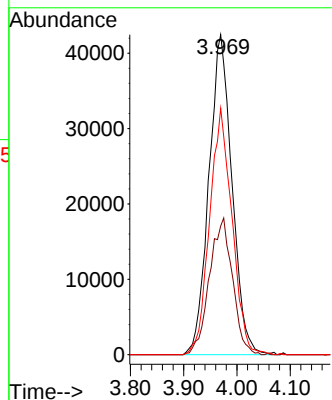
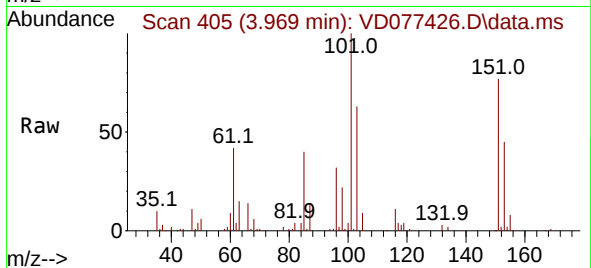




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.880 ug/l
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD077426.D
 Acq: 26 Oct 2023 10:44

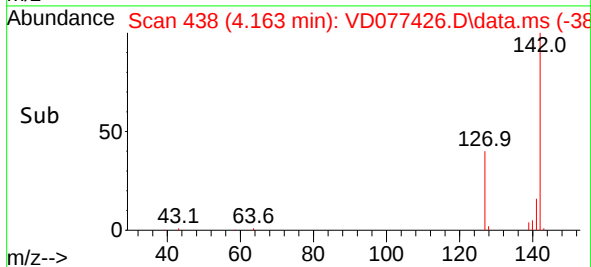
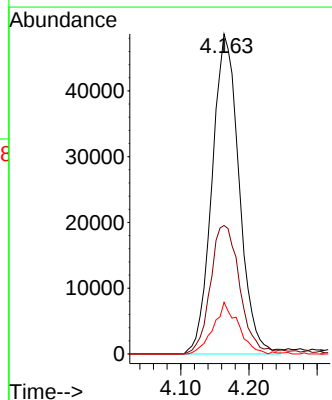
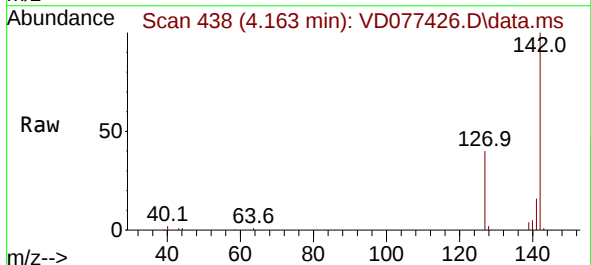
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

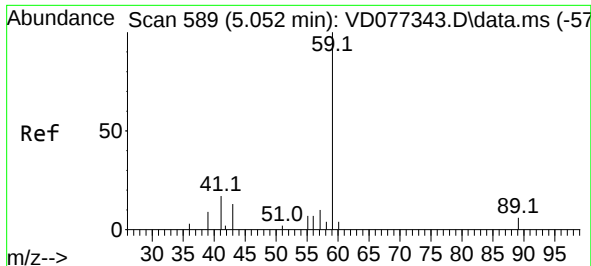
Tgt Ion:101 Resp: 127916
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.8 50.6
 151 74.9 59.8 89.6



#10
 Methyl Iodide
 Concen: 43.708 ug/l
 RT: 4.163 min Scan# 438
 Delta R.T. 0.000 min
 Lab File: VD077426.D
 Acq: 26 Oct 2023 10:44

Tgt Ion:142 Resp: 134458
 Ion Ratio Lower Upper
 142 100
 127 43.3 29.4 44.0
 141 14.9 11.1 16.7

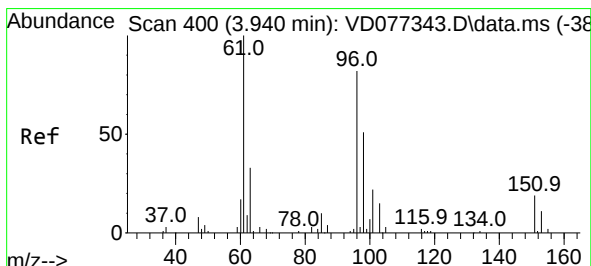
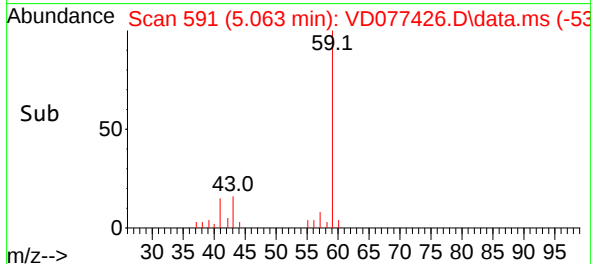
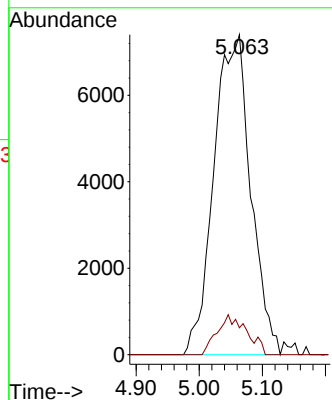
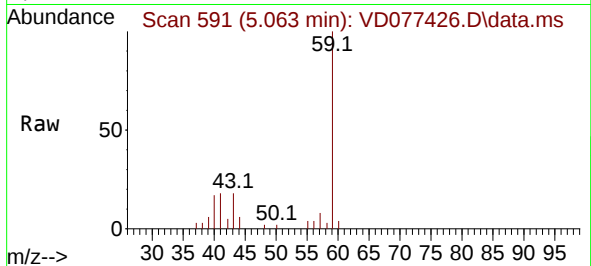




#11
Tert butyl alcohol
Concen: 278.017 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

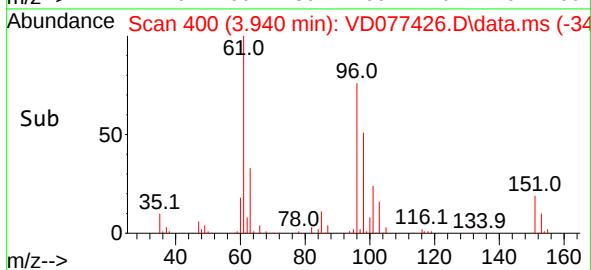
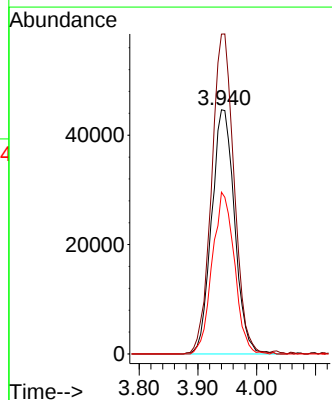
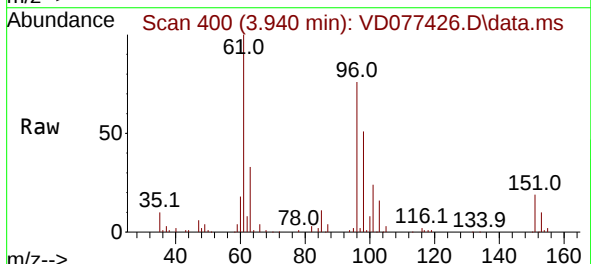
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

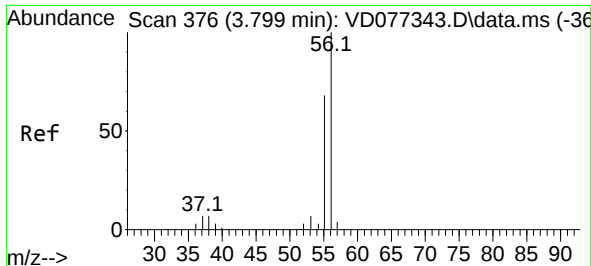
Tgt Ion: 59 Resp: 29914
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 49.039 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 96 Resp: 120947
Ion Ratio Lower Upper
96 100
61 131.0 100.6 150.8
98 66.2 50.2 75.2

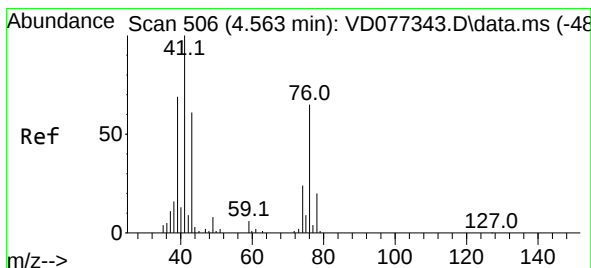
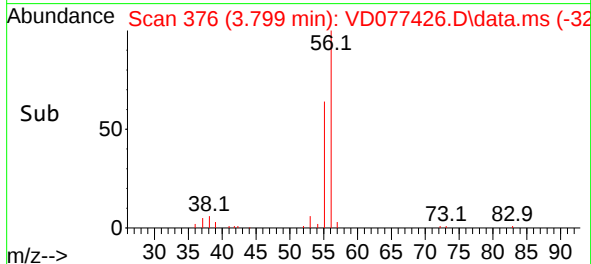
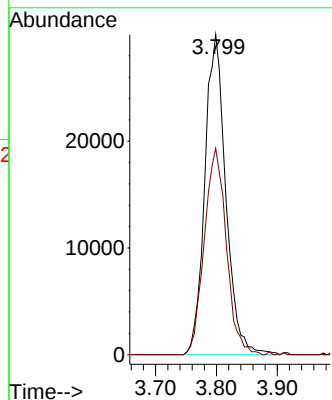
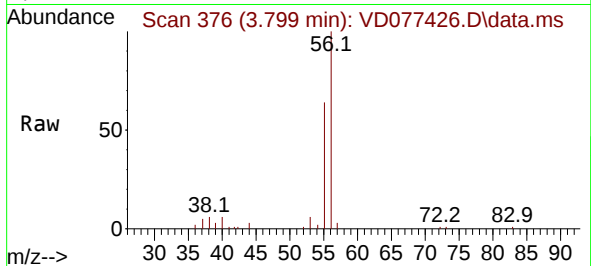




#13
Acrolein
Concen: 385.022 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

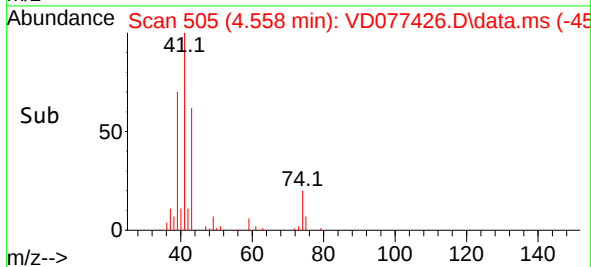
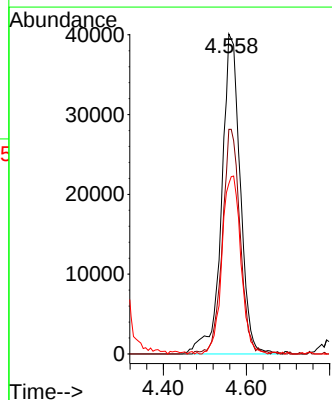
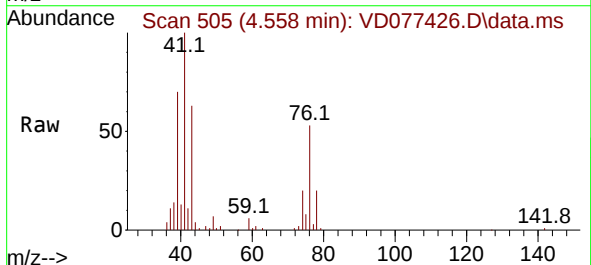
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

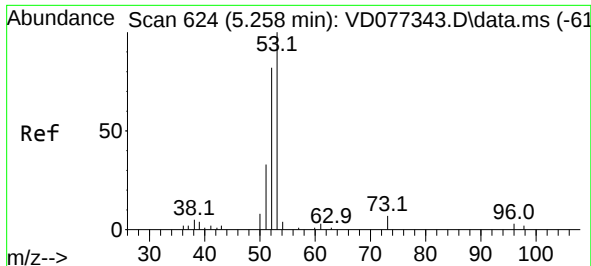
Tgt Ion: 56 Resp: 71914
Ion Ratio Lower Upper
56 100
55 67.6 55.1 82.7



#14
Allyl chloride
Concen: 53.149 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 41 Resp: 124373
Ion Ratio Lower Upper
41 100
39 67.2 53.8 80.6
76 56.6 45.8 68.8

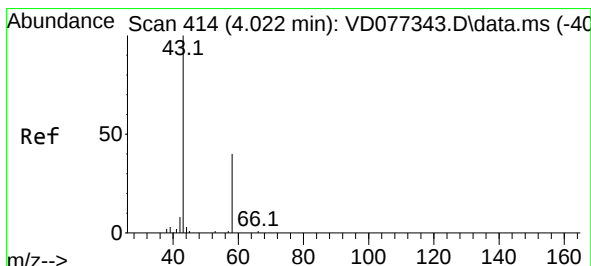
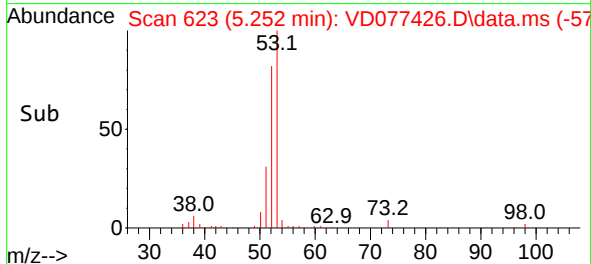
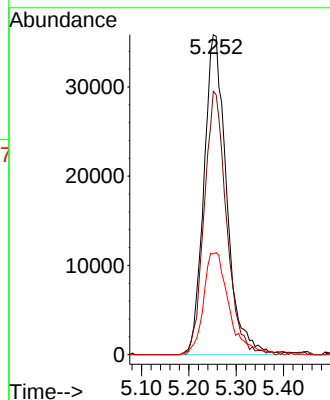
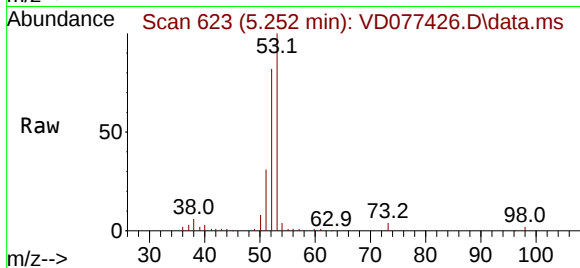




#15
Acrylonitrile
Concen: 302.014 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

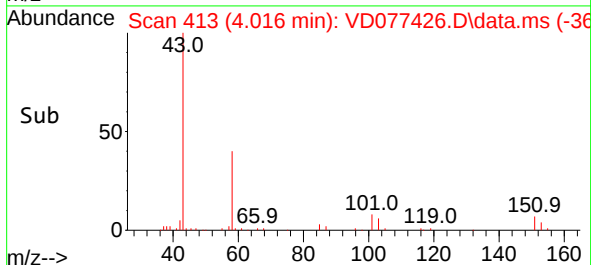
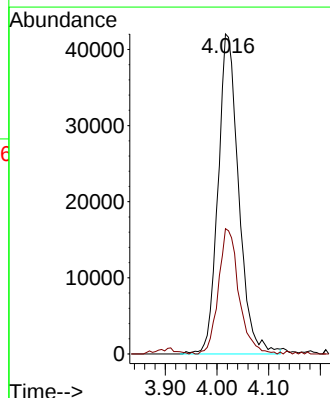
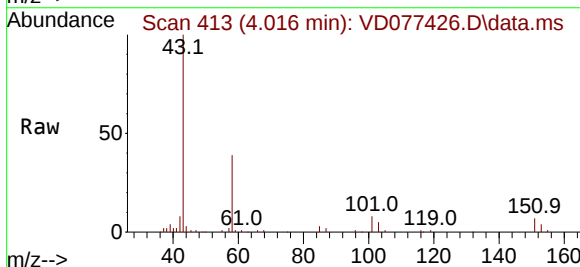
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

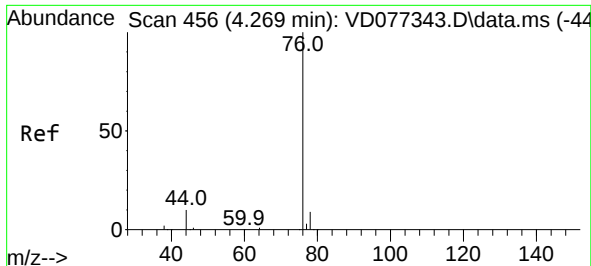
Tgt Ion: 53 Resp: 119203
Ion Ratio Lower Upper
53 100
52 80.8 65.0 97.4
51 35.8 28.3 42.5



#16
Acetone
Concen: 278.283 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 43 Resp: 116722
Ion Ratio Lower Upper
43 100
58 38.5 34.7 52.1

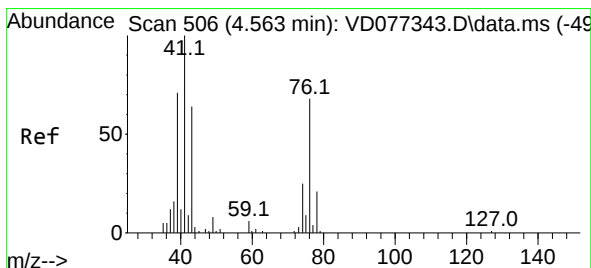
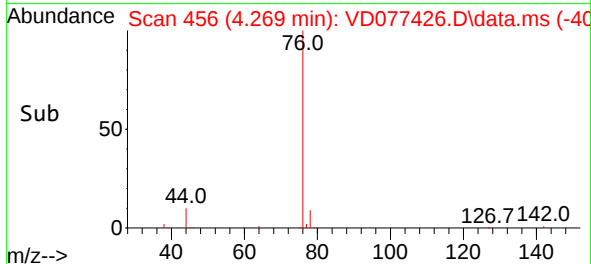
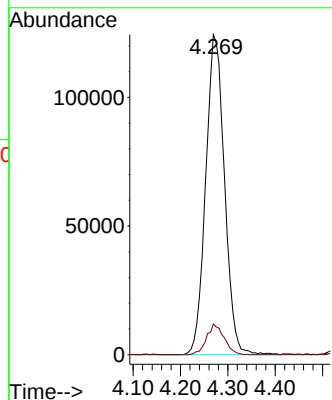
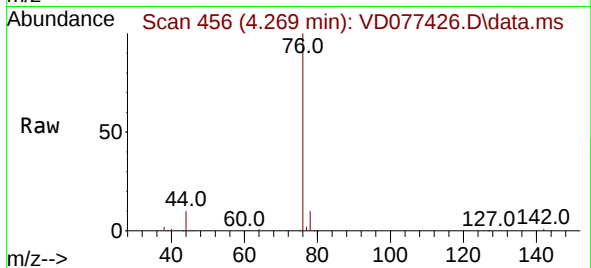




#17
Carbon Disulfide
Concen: 47.379 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

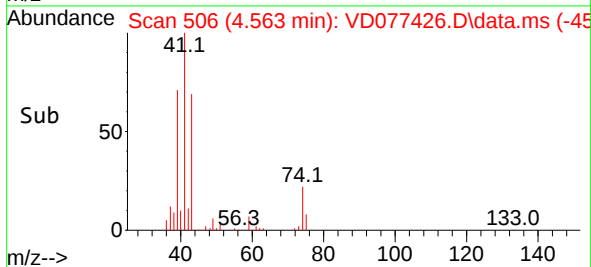
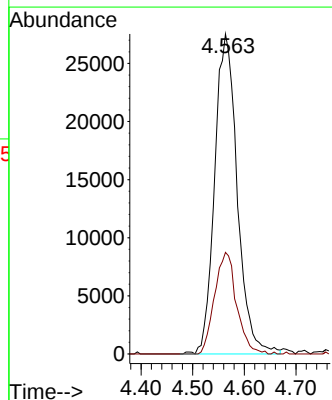
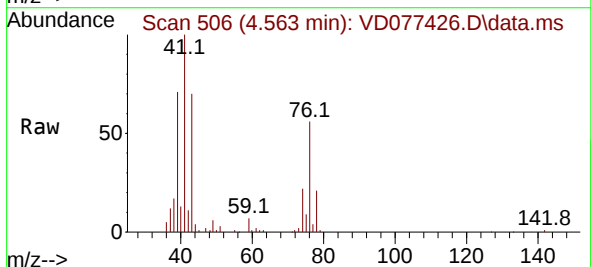
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

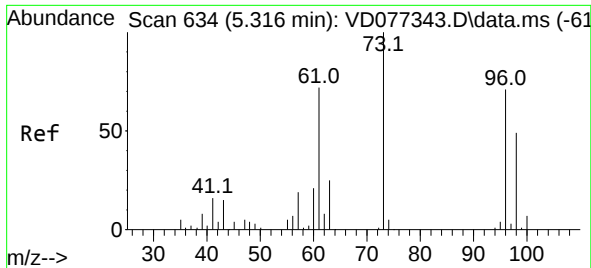
Tgt Ion: 76 Resp: 343511
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 57.279 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 43 Resp: 83615
Ion Ratio Lower Upper
43 100
74 30.8 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 60.475 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

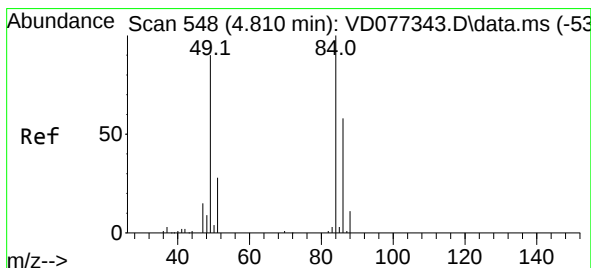
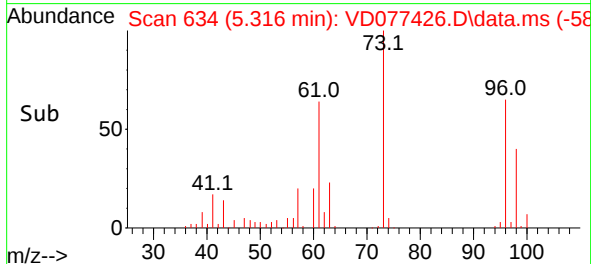
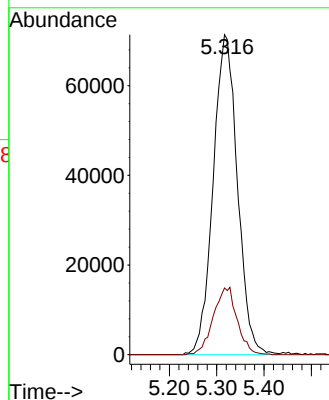
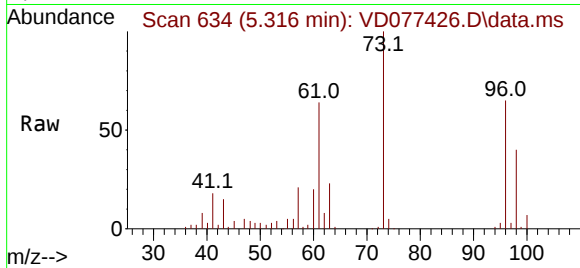
VSTD05006

Tgt Ion: 73 Resp: 254044

Ion Ratio Lower Upper

73 100

57 20.8 16.6 25.0



#20

Methylene Chloride

Concen: 65.138 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.005 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Tgt Ion: 84 Resp: 161692

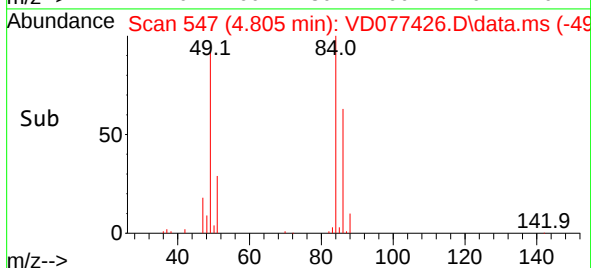
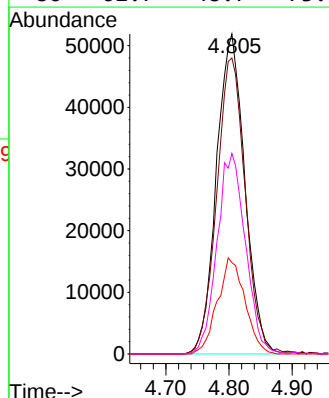
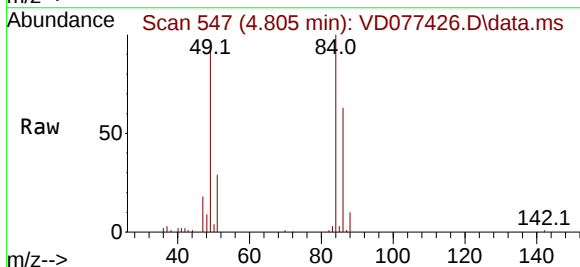
Ion Ratio Lower Upper

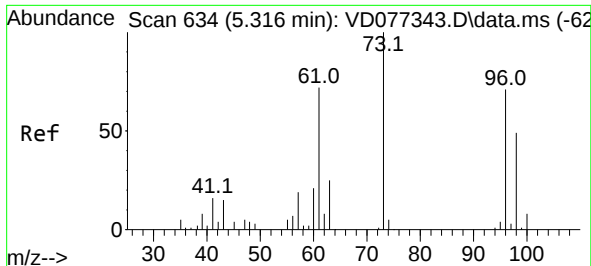
84 100

49 92.5 71.4 107.2

51 28.6 24.5 36.7

86 62.7 48.7 73.1

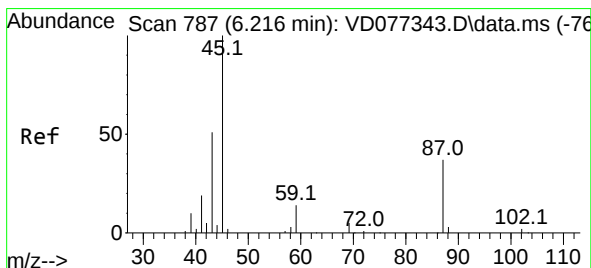
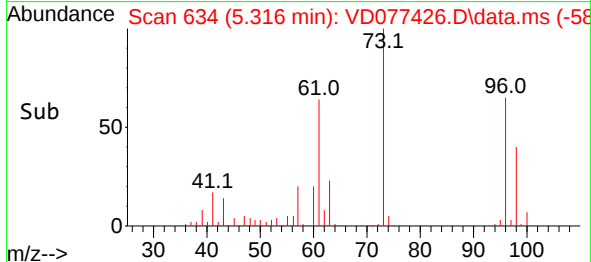
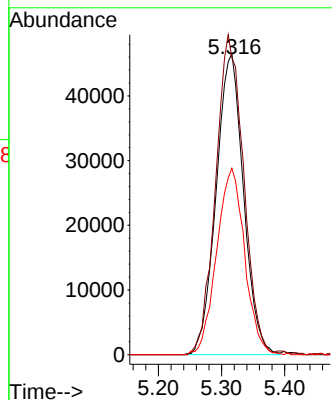
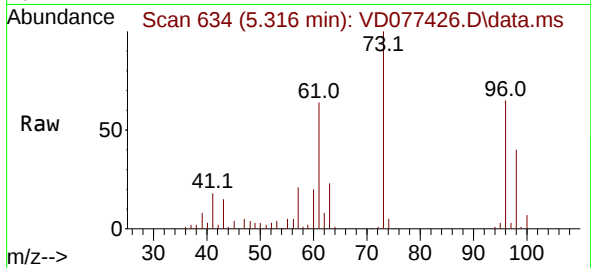




#21
trans-1,2-Dichloroethene
Concen: 54.580 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

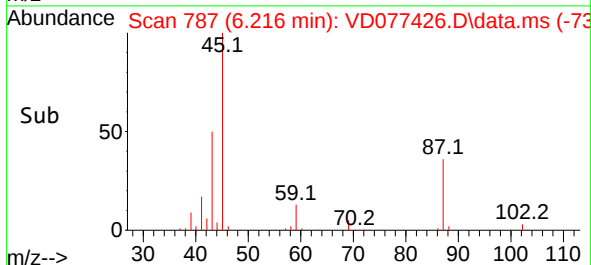
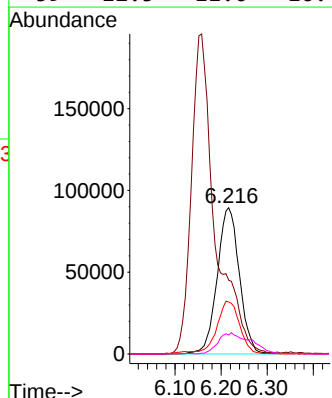
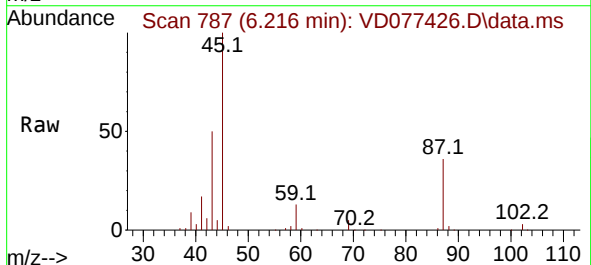
Instrument :
MSVOA_D
ClientSampleId :
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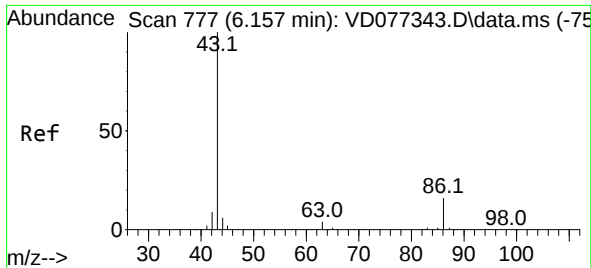
Tgt Ion: 96 Resp: 140009
Ion Ratio Lower Upper
96 100
61 98.5 89.3 133.9
98 61.9 48.6 73.0



#22
Diisopropyl ether
Concen: 64.985 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 45 Resp: 298520
Ion Ratio Lower Upper
45 100
43 49.7 40.0 60.0
87 35.6 28.2 42.4
59 12.5 11.0 16.4

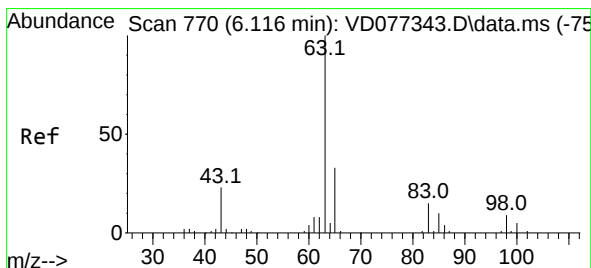
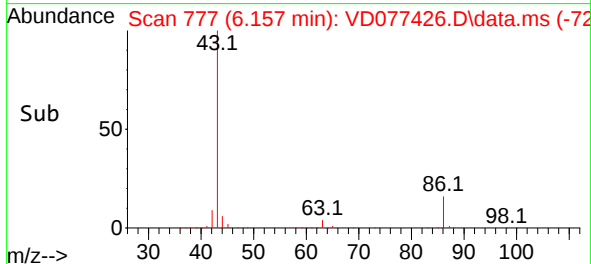
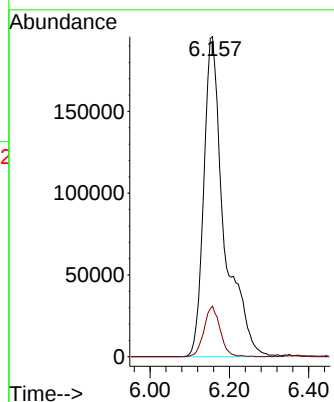
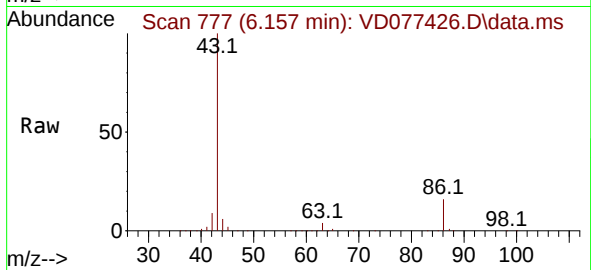




#23
 Vinyl Acetate
 Concen: 325.838 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077426.D
 Acq: 26 Oct 2023 10:44

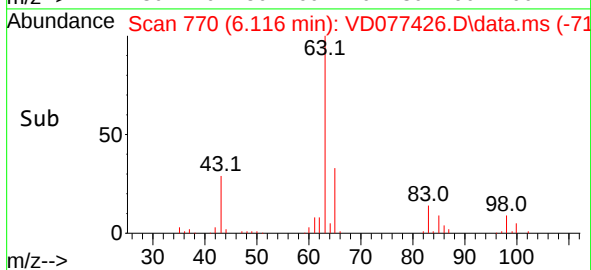
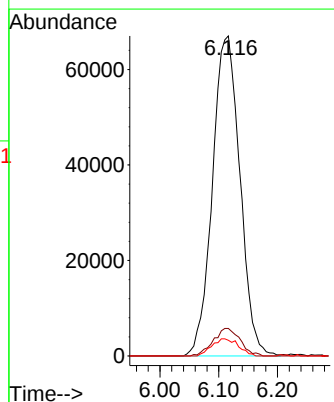
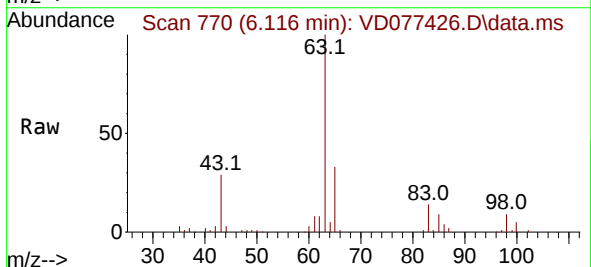
Instrument :
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 VSTD05006

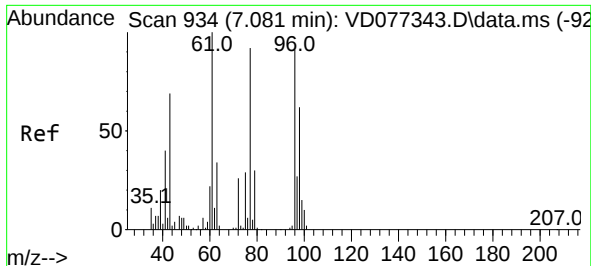
Tgt Ion: 43 Resp: 701452
 Ion Ratio Lower Upper
 43 100
 86 15.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 57.042 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD077426.D
 Acq: 26 Oct 2023 10:44

Tgt Ion: 63 Resp: 217864
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.5 13.7
 100 4.9 2.5 7.5

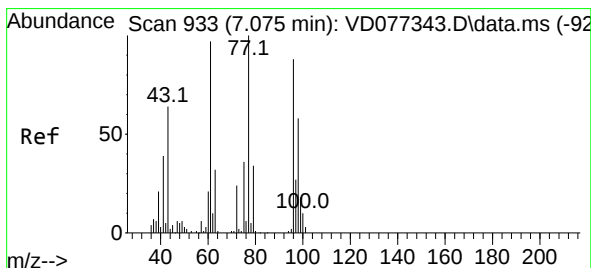
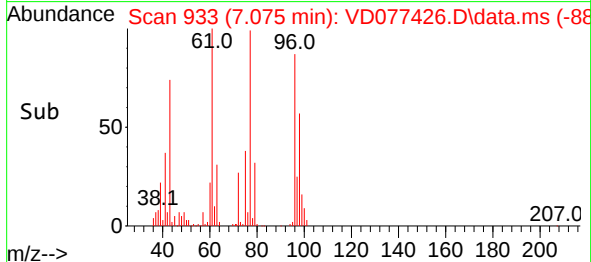
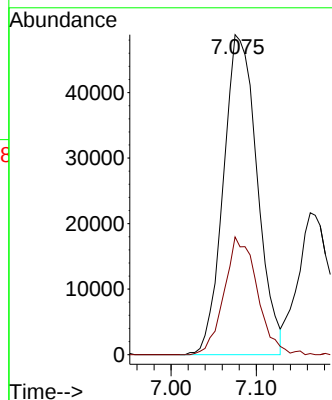
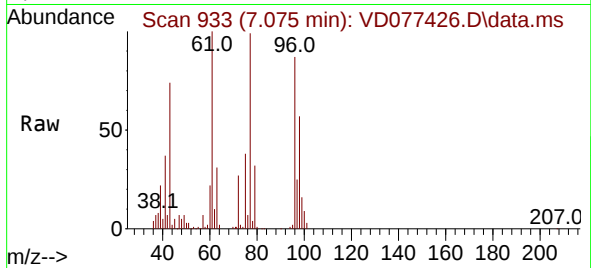




#25
2-Butanone
Concen: 309.512 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

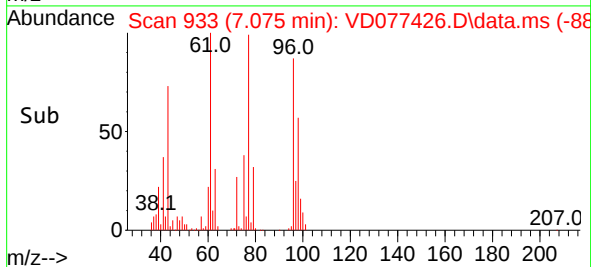
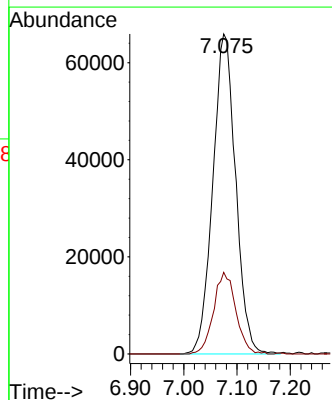
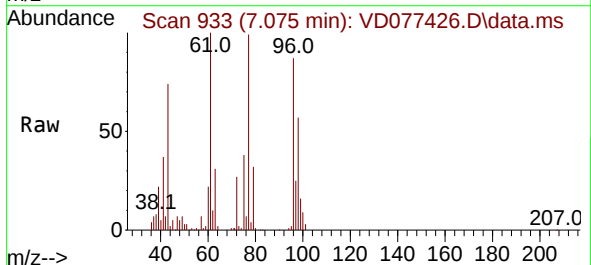
Instrument :
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ClientSampleId :
VSTD05006

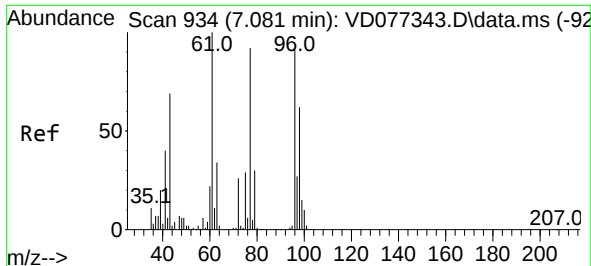
Tgt Ion: 43 Resp: 134667
Ion Ratio Lower Upper
43 100
72 36.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 56.270 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 77 Resp: 195961
Ion Ratio Lower Upper
77 100
97 24.9 13.2 39.6



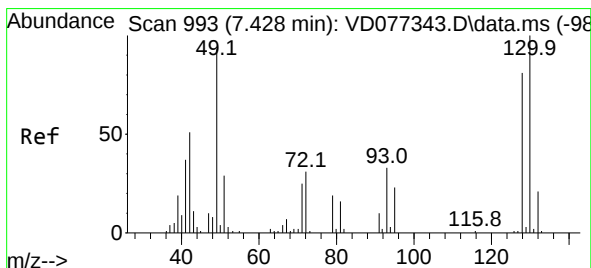
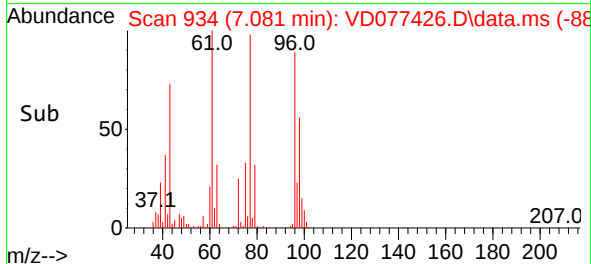
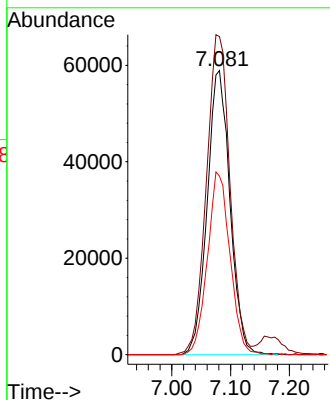
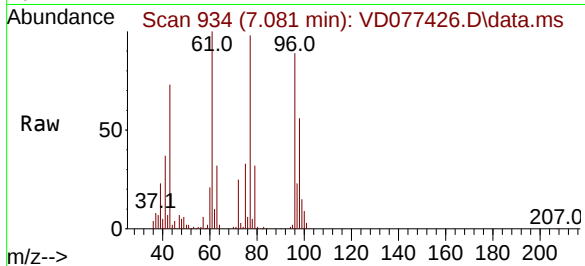


#27
 cis-1,2-Dichloroethene
 Concen: 55.125 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077426.D
 Acq: 26 Oct 2023 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Tgt Ion: 96 Resp: 158555

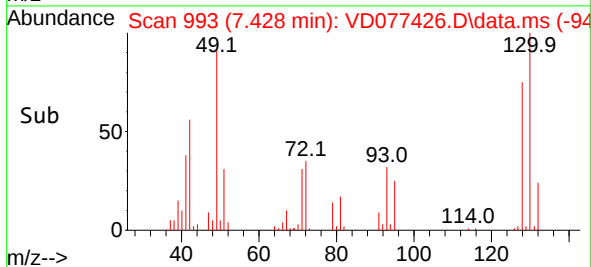
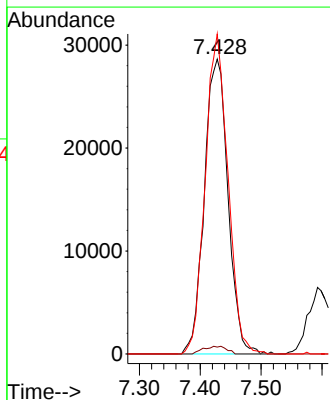
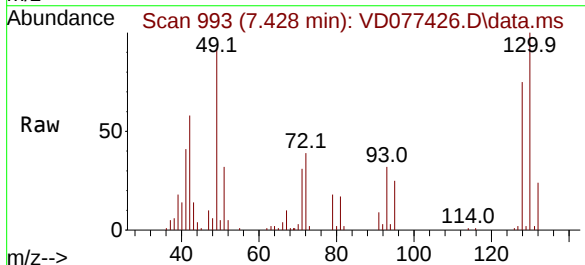
Ion	Ratio	Lower	Upper
96	100		
61	116.4	0.0	239.2
98	63.6	0.0	128.6

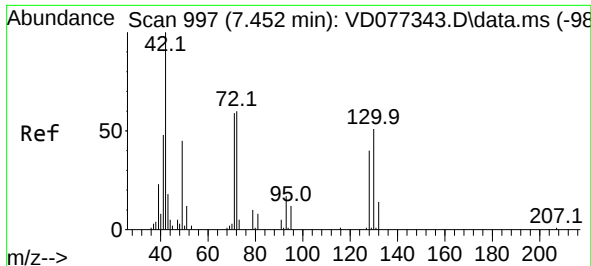


#28
 Bromochloromethane
 Concen: 55.389 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD077426.D
 Acq: 26 Oct 2023 10:44

Tgt Ion: 49 Resp: 77278

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	6.0
130	104.3	83.2	124.8





#29

Tetrahydrofuran

Concen: 316.971 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

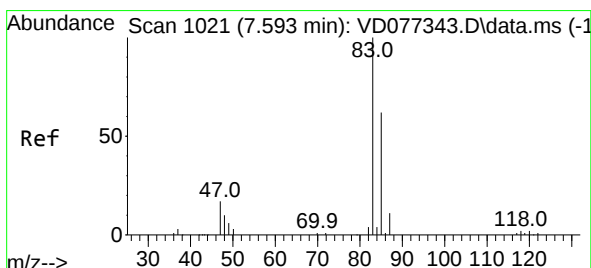
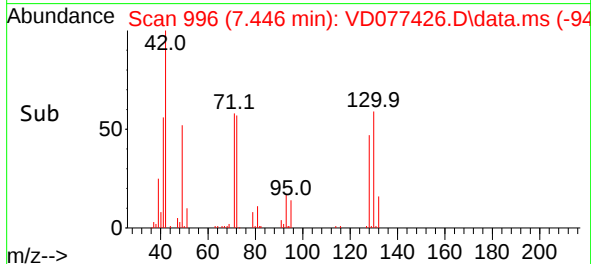
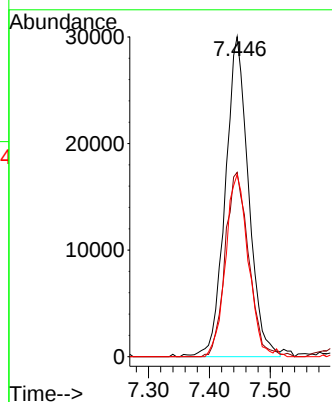
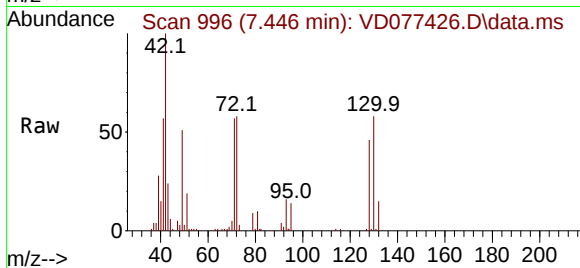
Tgt Ion: 42 Resp: 79555

Ion Ratio Lower Upper

42 100

72 58.6 46.5 69.7

71 55.5 44.5 66.7



#30

Chloroform

Concen: 56.324 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD077426.D

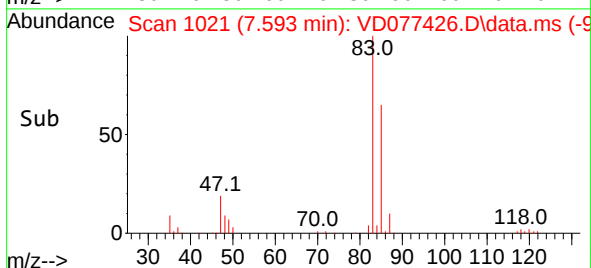
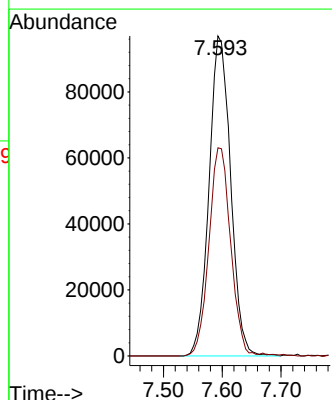
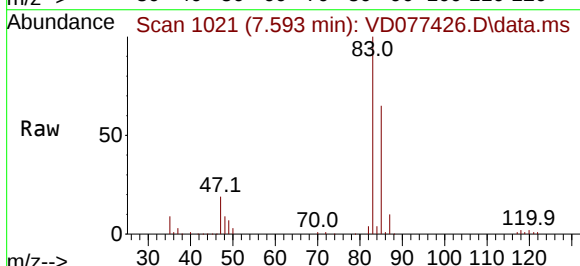
Acq: 26 Oct 2023 10:44

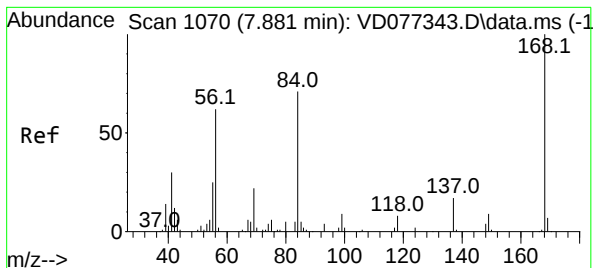
Tgt Ion: 83 Resp: 246822

Ion Ratio Lower Upper

83 100

85 65.1 53.4 80.2





#31

Cyclohexane

Concen: 55.403 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

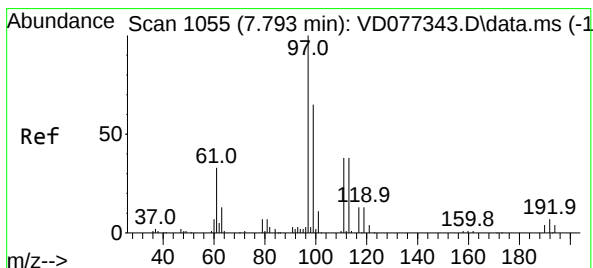
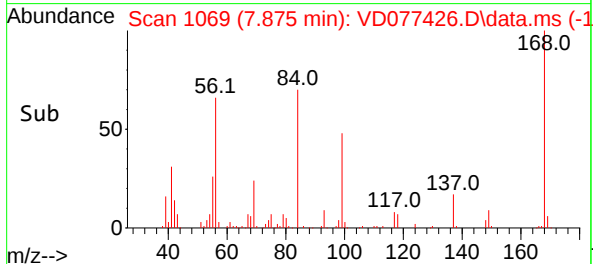
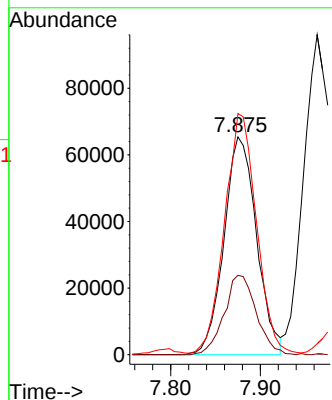
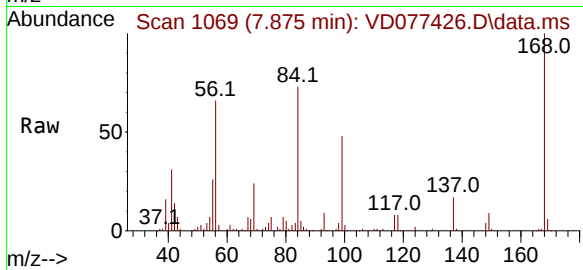
Tgt Ion: 56 Resp: 164874

Ion Ratio Lower Upper

56 100

69 36.5 28.6 43.0

84 109.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 54.383 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

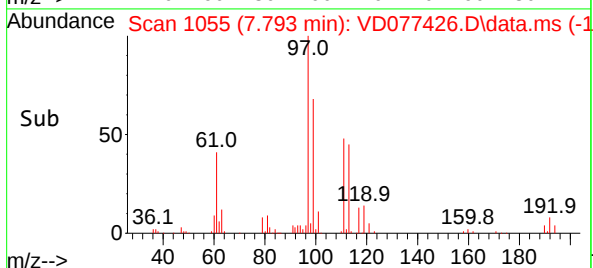
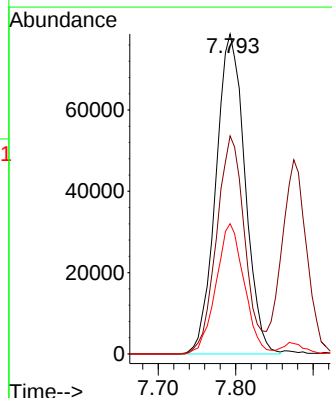
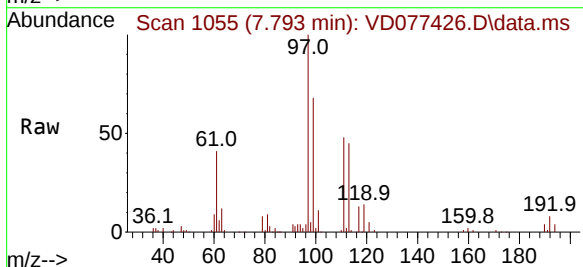
Tgt Ion: 97 Resp: 205595

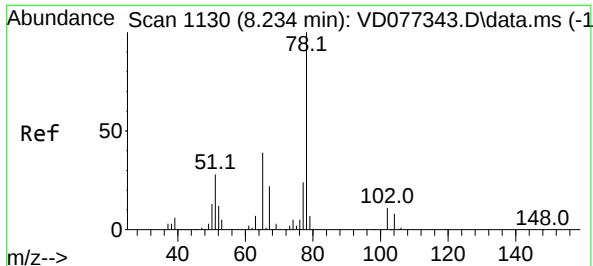
Ion Ratio Lower Upper

97 100

99 66.3 52.0 78.0

61 39.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.626 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

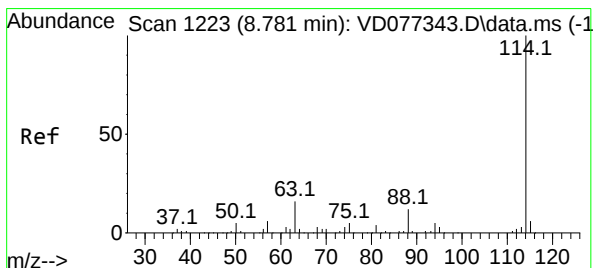
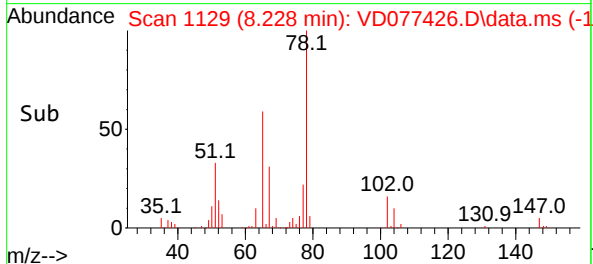
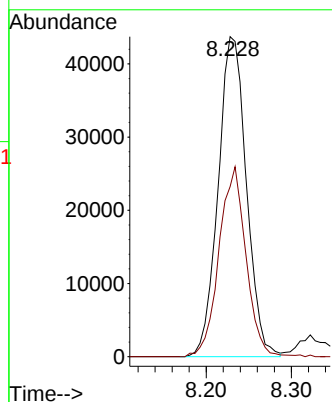
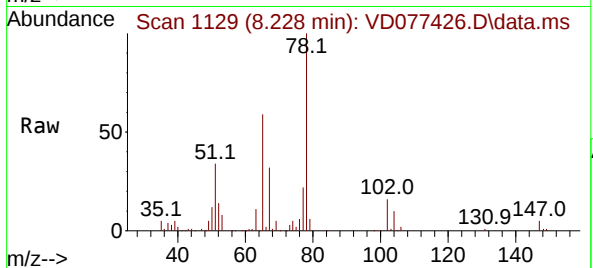
VSTD05006

Tgt Ion: 65 Resp: 100660

Ion Ratio Lower Upper

65 100

67 56.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

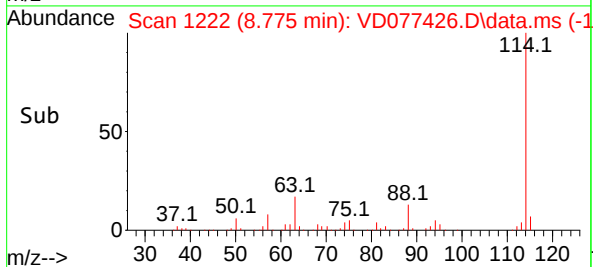
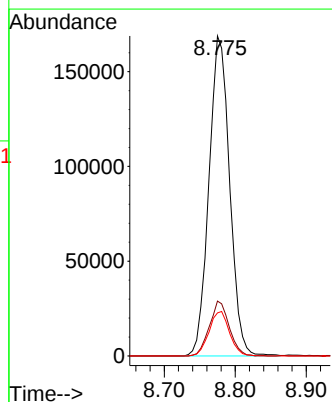
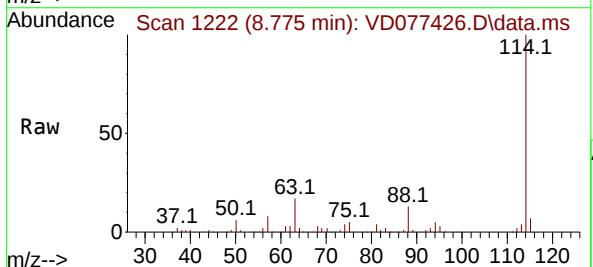
Tgt Ion: 114 Resp: 341889

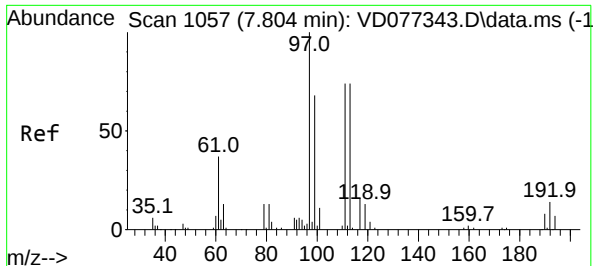
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.419 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

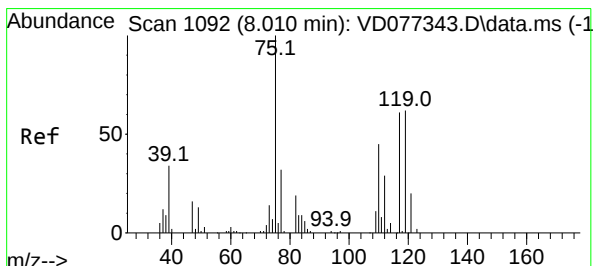
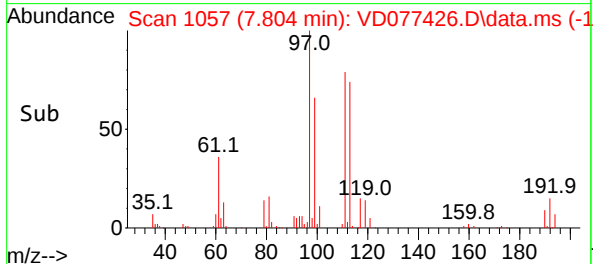
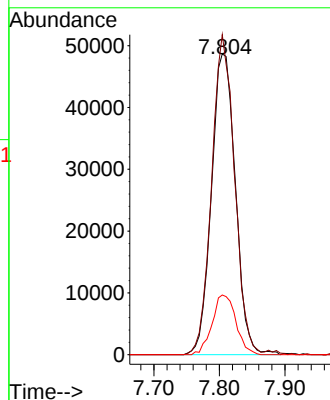
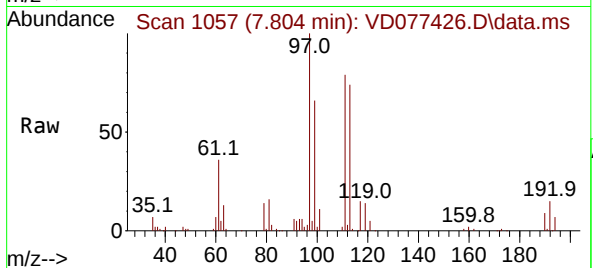
Tgt Ion:113 Resp: 123505

Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 19.7 16.8 25.2



#36

1,1-Dichloropropene

Concen: 55.965 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

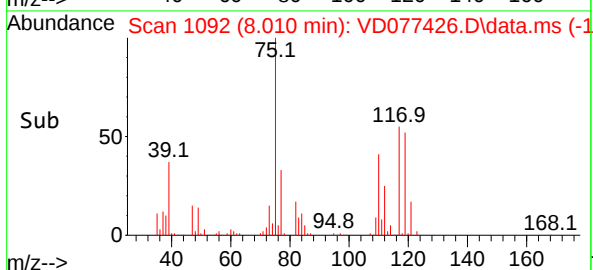
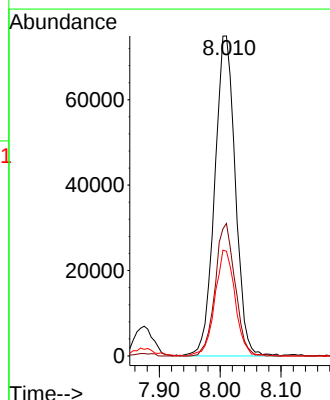
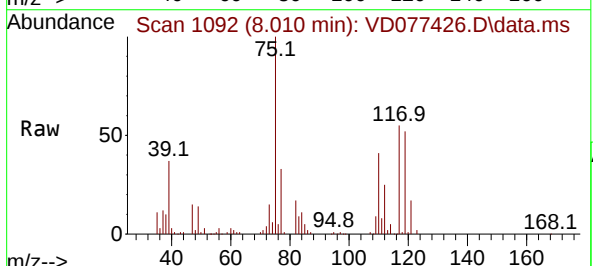
Tgt Ion: 75 Resp: 176631

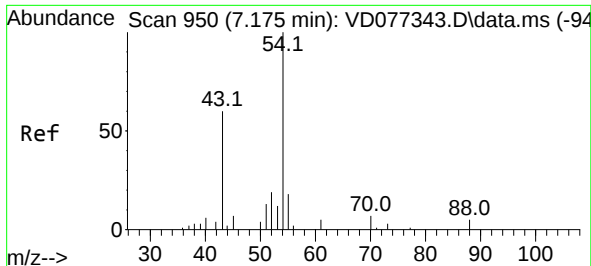
Ion Ratio Lower Upper

75 100

110 39.9 19.9 59.6

77 32.4 24.7 37.1





#37

Ethyl Acetate

Concen: 58.547 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.012 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

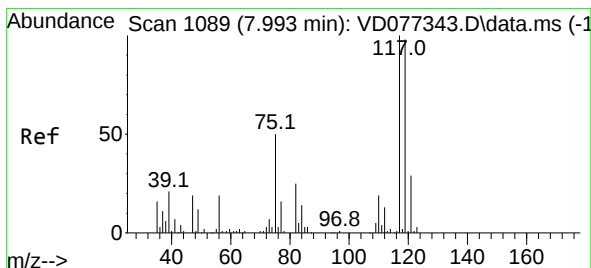
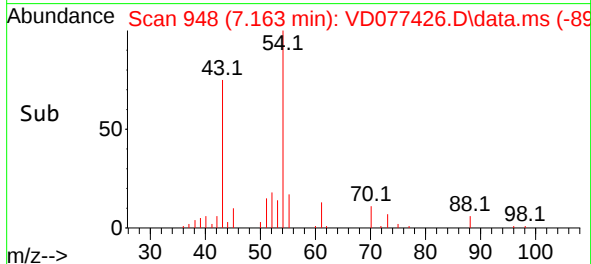
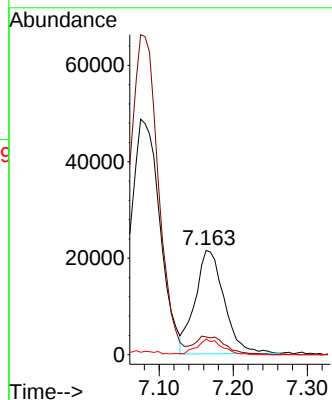
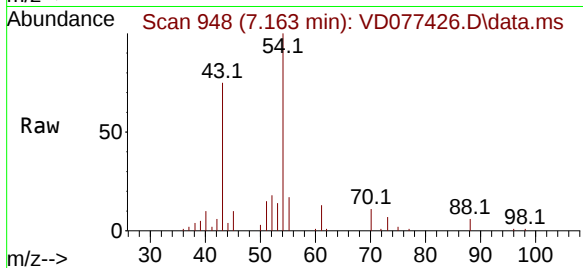
Tgt Ion: 43 Resp: 58042

Ion Ratio Lower Upper

43 100

61 18.5 14.9 22.3

70 13.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 54.855 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

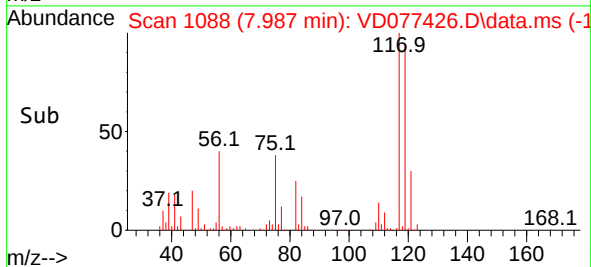
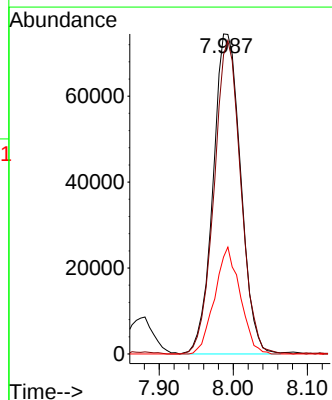
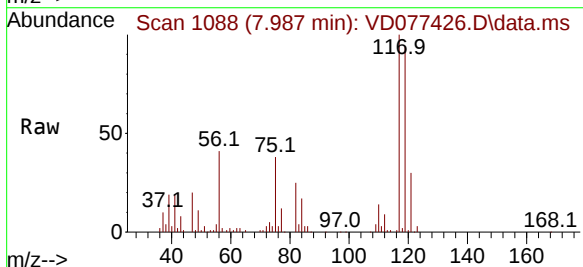
Tgt Ion: 117 Resp: 192593

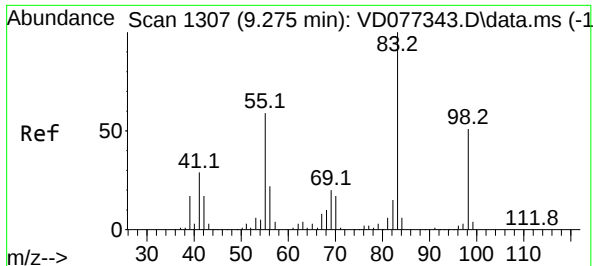
Ion Ratio Lower Upper

117 100

119 93.5 78.0 117.0

121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 55.506 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

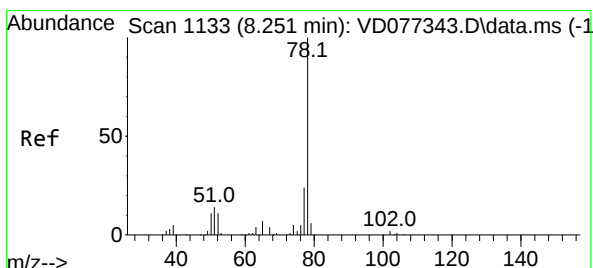
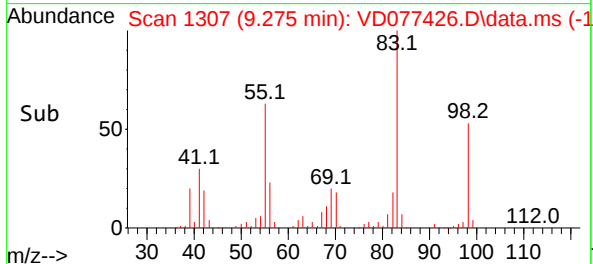
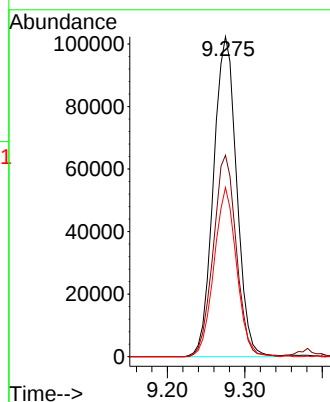
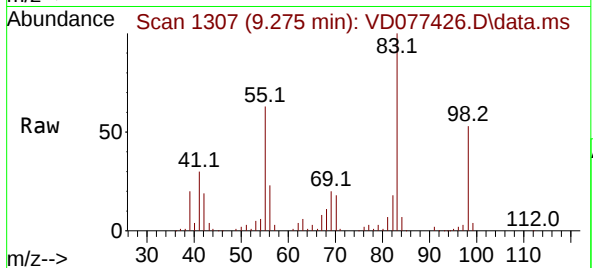
Tgt Ion: 83 Resp: 212861

Ion Ratio Lower Upper

83 100

55 62.9 49.4 74.0

98 52.8 38.4 57.6



#40

Benzene

Concen: 56.602 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077426.D

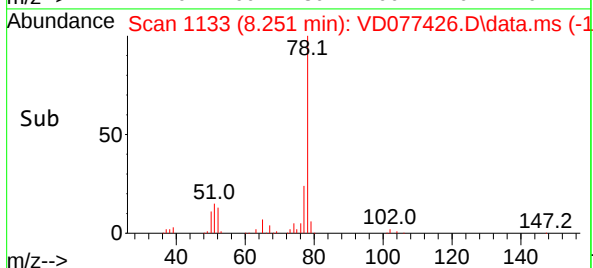
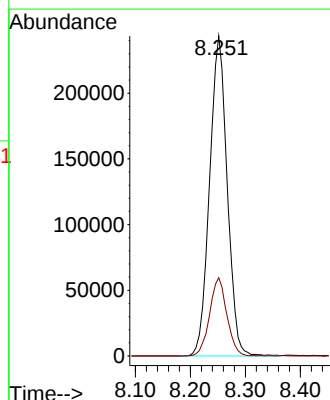
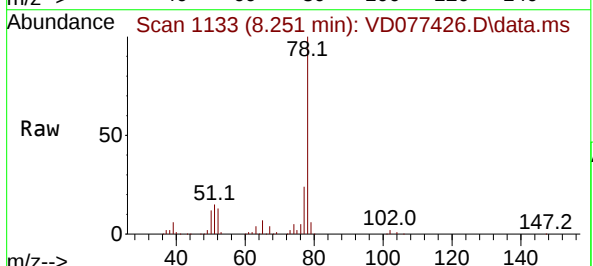
Acq: 26 Oct 2023 10:44

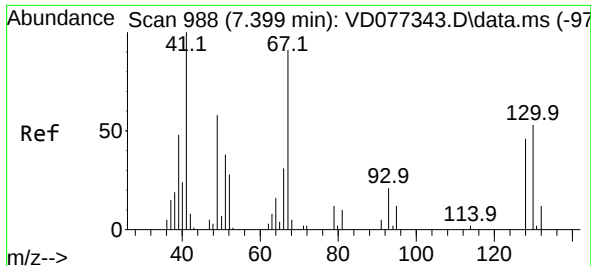
Tgt Ion: 78 Resp: 542118

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

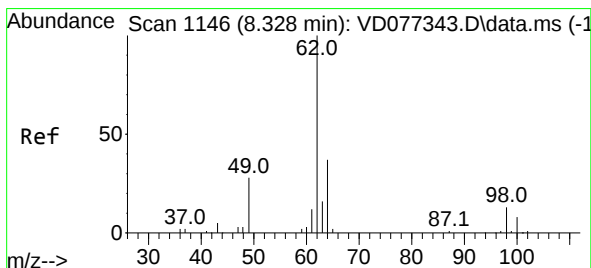
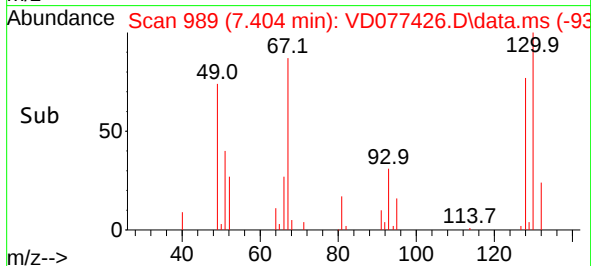
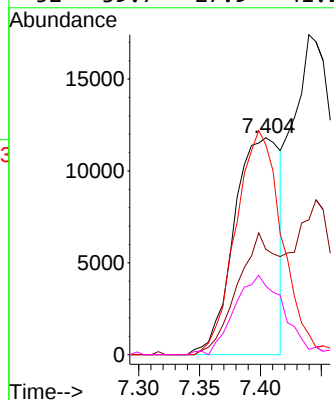
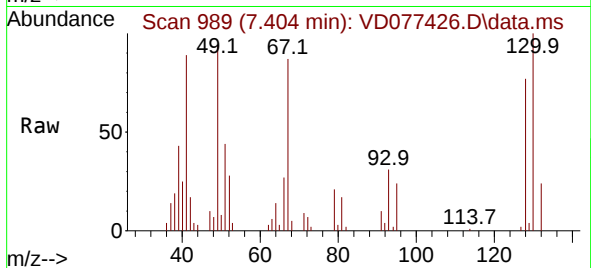




#41
Methacrylonitrile
Concen: 65.352 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

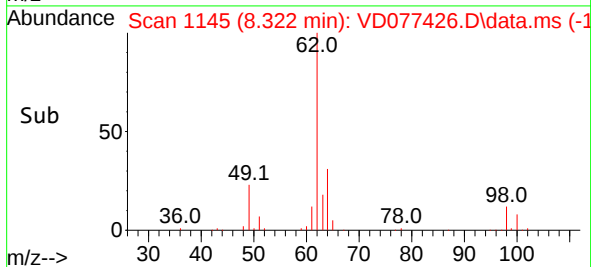
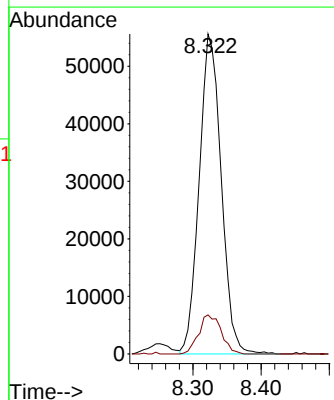
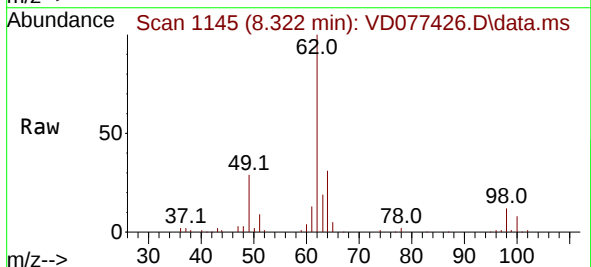
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

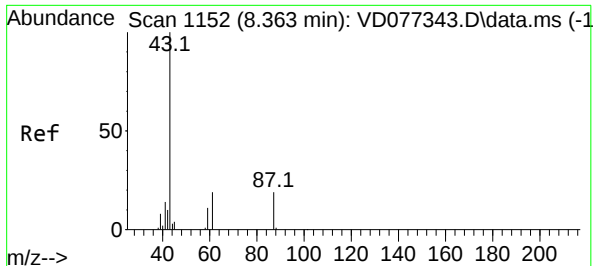
Tgt Ion: 41 Resp: 30920
Ion Ratio Lower Upper
41 100
39 48.9 34.0 51.0
67 104.7 77.0 115.4
52 39.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 55.405 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 62 Resp: 124993
Ion Ratio Lower Upper
62 100
98 12.5 0.0 25.4





#43

Isopropyl Acetate

Concen: 61.392 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

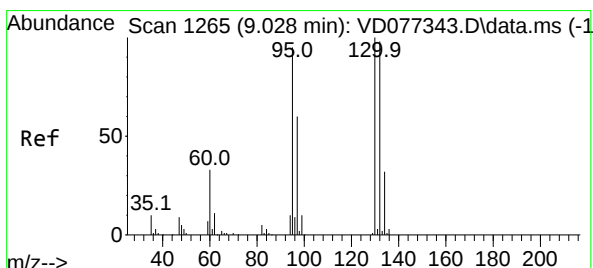
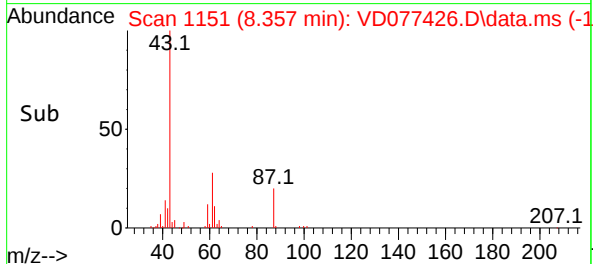
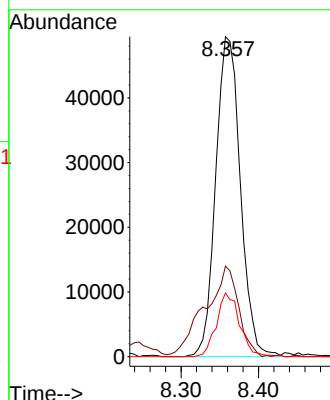
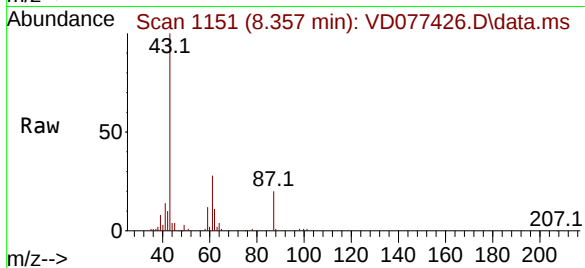
Tgt Ion: 43 Resp: 109568

Ion Ratio Lower Upper

43 100

61 37.3 31.4 47.0

87 18.6 14.9 22.3



#44

Trichloroethene

Concen: 52.161 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD077426.D

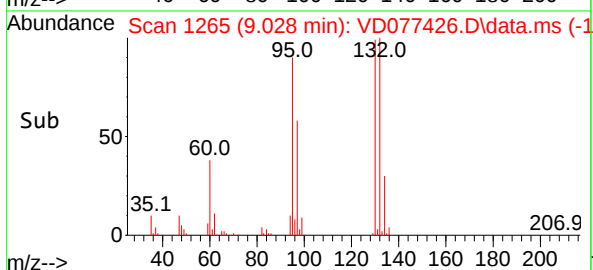
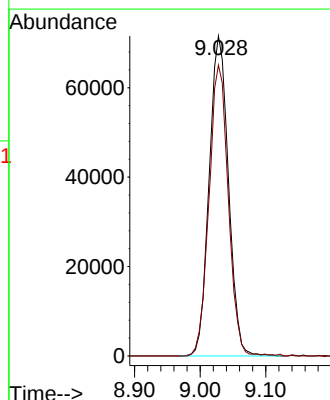
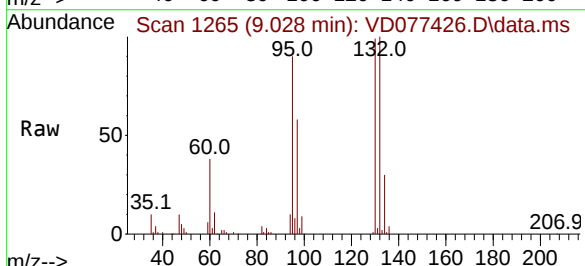
Acq: 26 Oct 2023 10:44

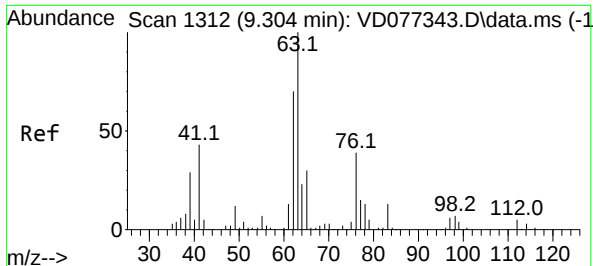
Tgt Ion:130 Resp: 146063

Ion Ratio Lower Upper

130 100

95 90.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 58.397 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

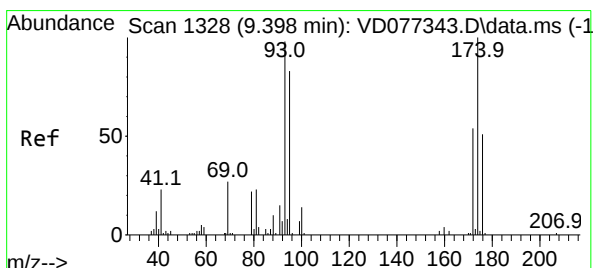
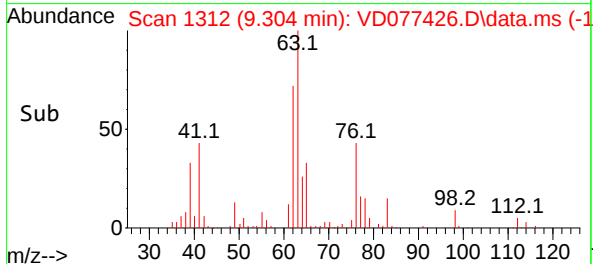
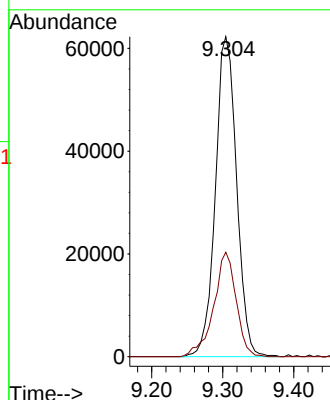
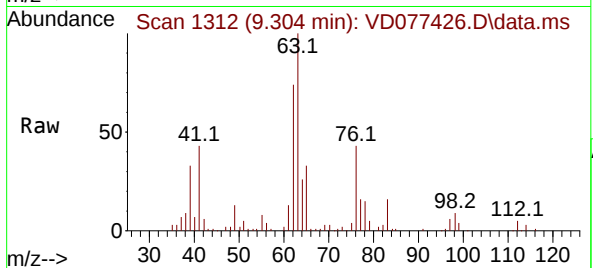
VSTD05006

Tgt Ion: 63 Resp: 128929

Ion Ratio Lower Upper

63 100

65 32.6 24.5 36.7



#46

Dibromomethane

Concen: 54.663 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

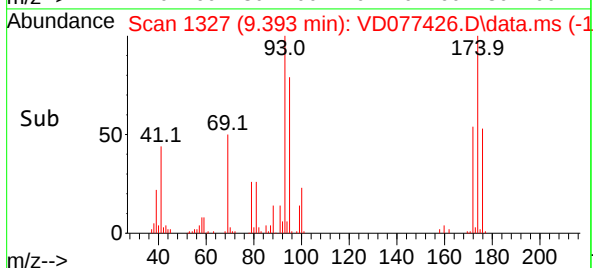
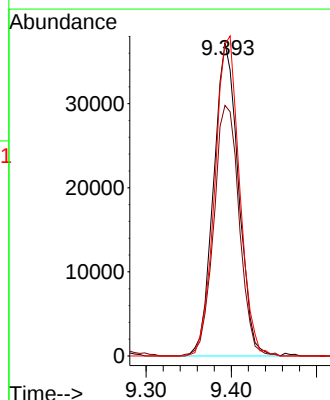
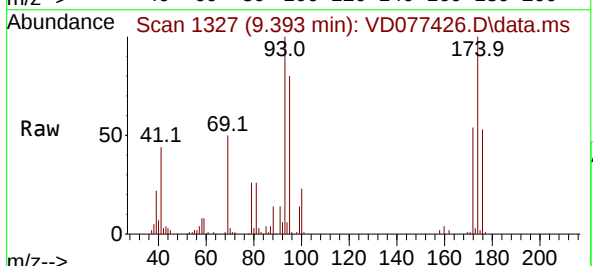
Tgt Ion: 93 Resp: 75450

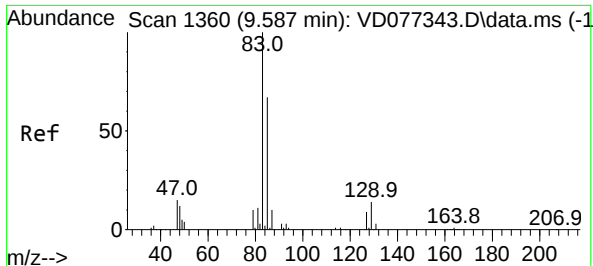
Ion Ratio Lower Upper

93 100

95 82.0 67.7 101.5

174 101.5 85.4 128.2

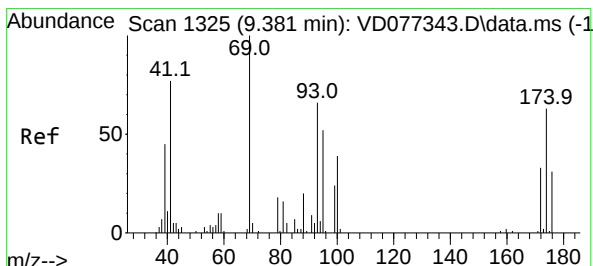
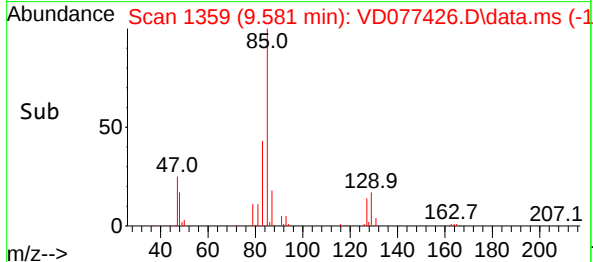
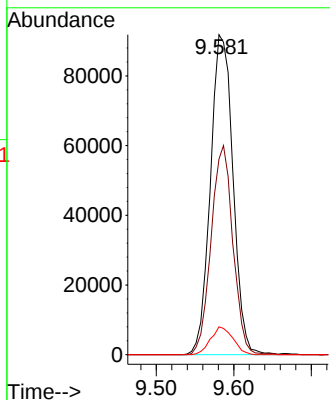
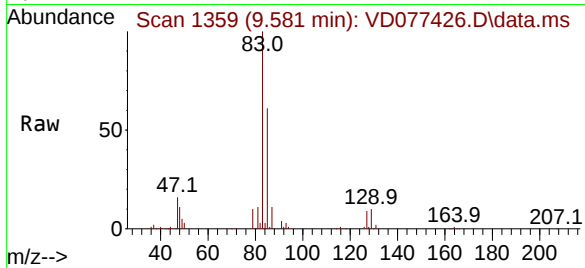




#47
Bromodichloromethane
Concen: 56.423 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

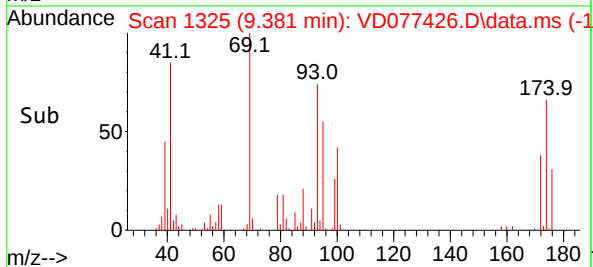
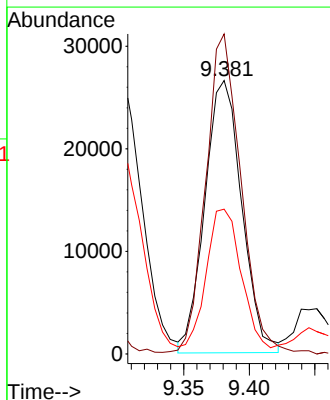
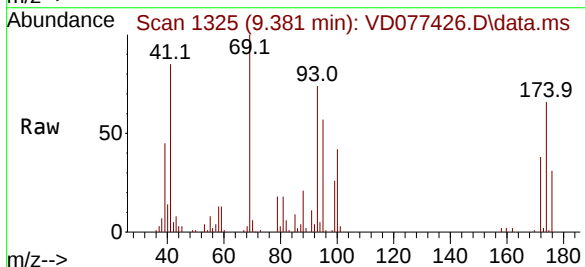
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

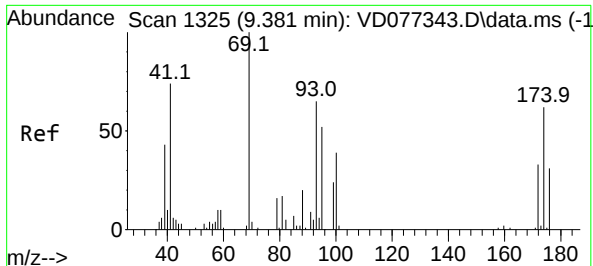
Tgt Ion: 83 Resp: 185704
Ion Ratio Lower Upper
83 100
85 61.2 50.2 75.4
127 8.7 6.3 9.5



#48
Methyl methacrylate
Concen: 64.461 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 41 Resp: 52045
Ion Ratio Lower Upper
41 100
69 112.6 102.2 153.2
39 48.0 41.4 62.2





#49

1,4-Dioxane

Concen: 1148.677 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

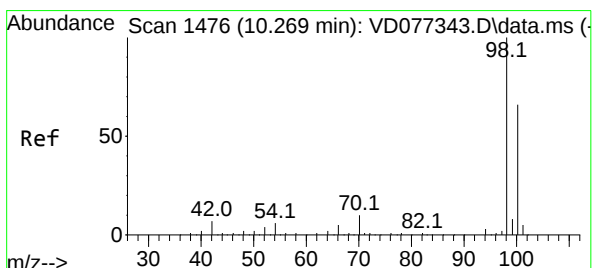
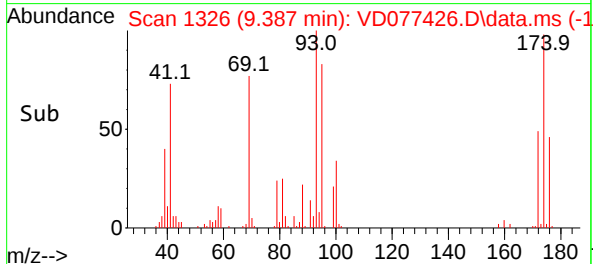
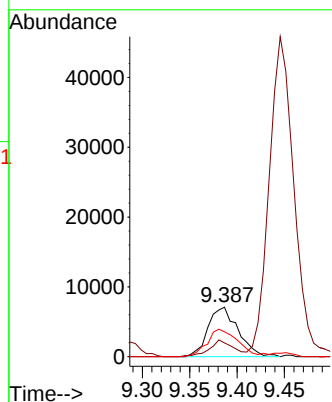
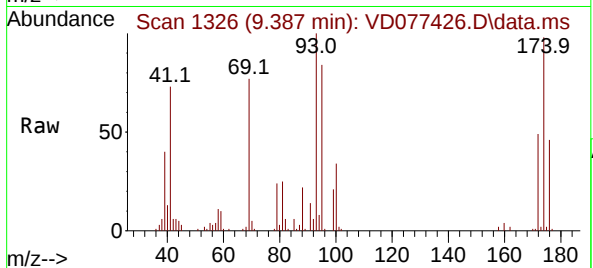
Tgt Ion: 88 Resp: 15652

Ion Ratio Lower Upper

88 100

43 27.3 19.0 28.6

58 55.8 43.5 65.3



#50

Toluene-d8

Concen: 56.417 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077426.D

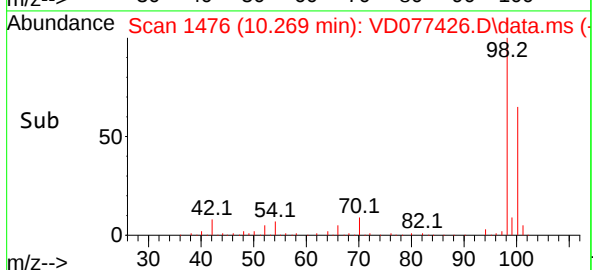
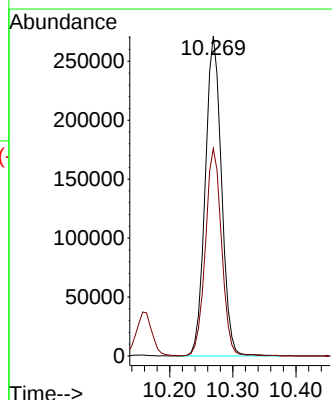
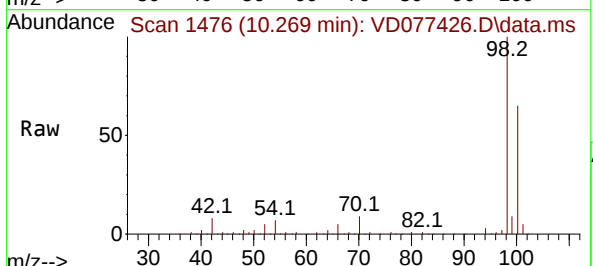
Acq: 26 Oct 2023 10:44

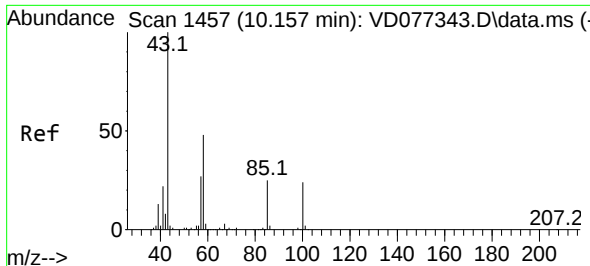
Tgt Ion: 98 Resp: 485300

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5

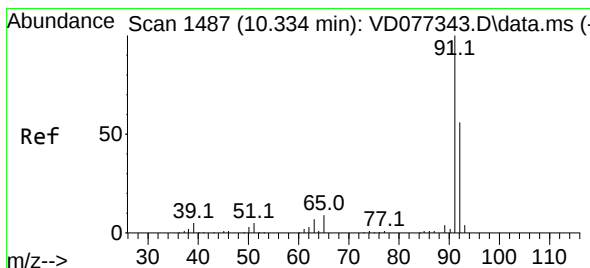
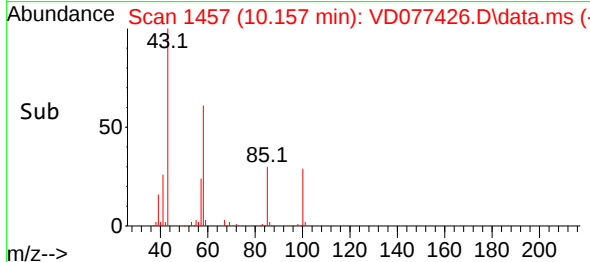
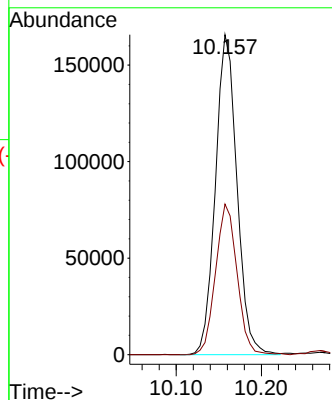
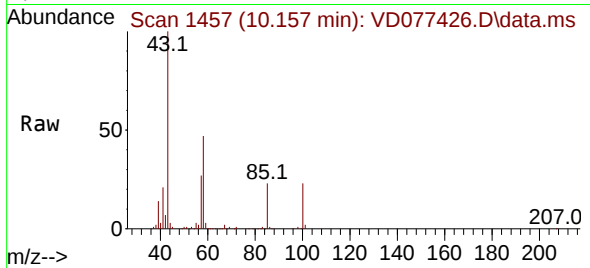




#51
4-Methyl-2-Pentanone
Concen: 325.161 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

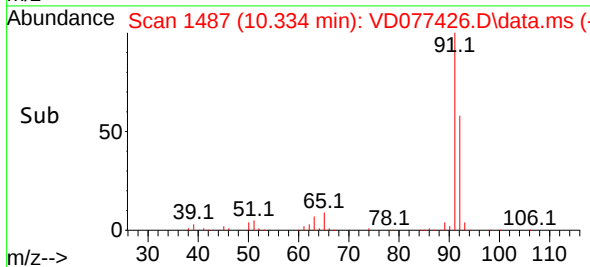
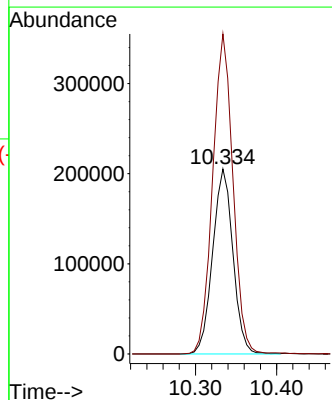
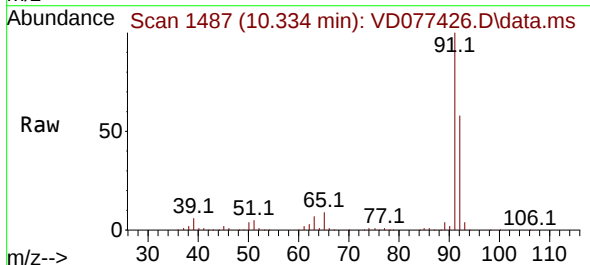
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

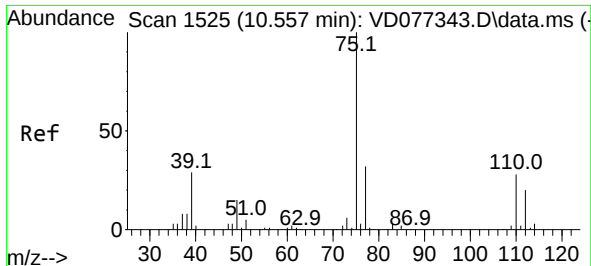
Tgt Ion: 43 Resp: 290907
Ion Ratio Lower Upper
43 100
58 46.9 38.9 58.3



#52
Toluene
Concen: 56.990 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 92 Resp: 356388
Ion Ratio Lower Upper
92 100
91 172.8 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 57.645 ug/l

RT: 10.551 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

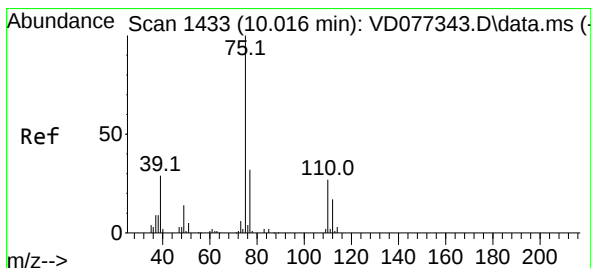
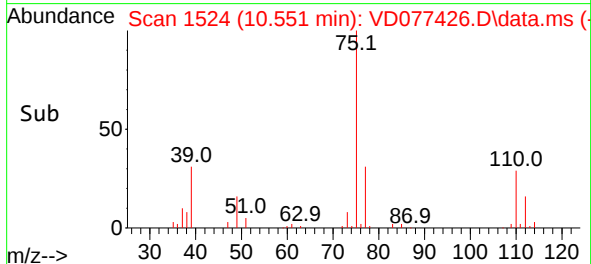
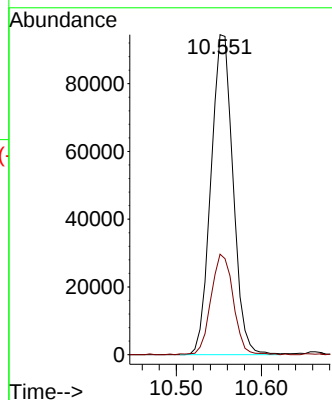
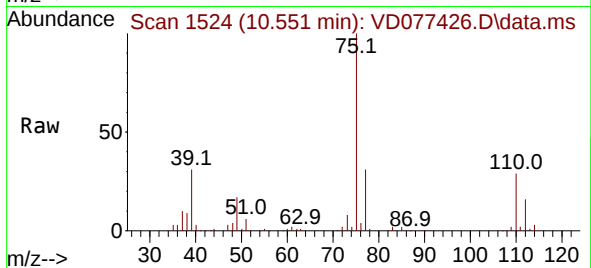
VSTD05006

Tgt Ion: 75 Resp: 170303

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 57.002 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

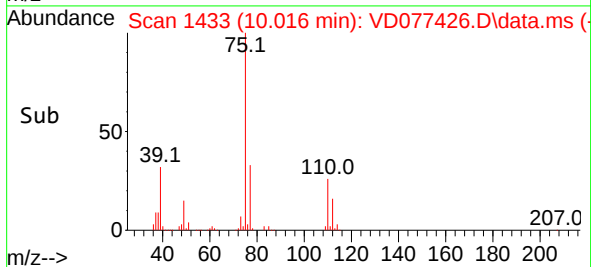
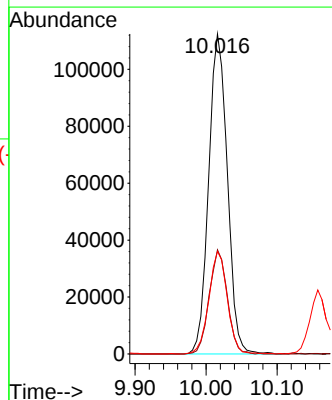
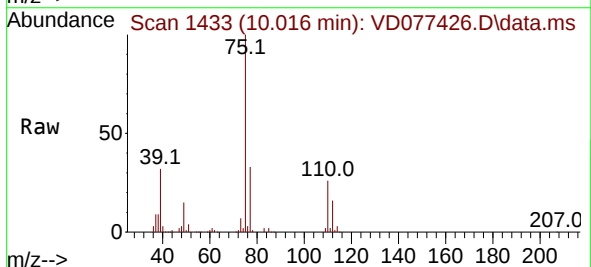
Tgt Ion: 75 Resp: 206044

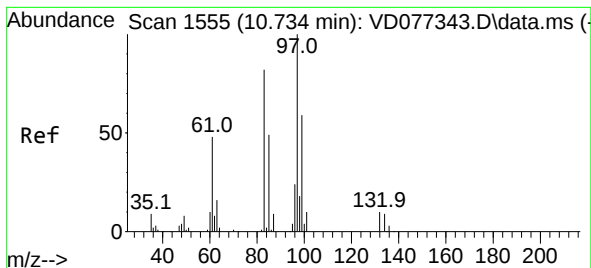
Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3

39 32.1 22.1 33.1

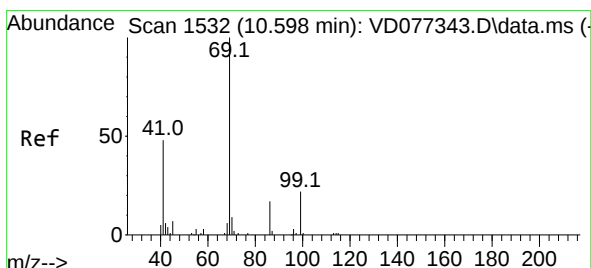
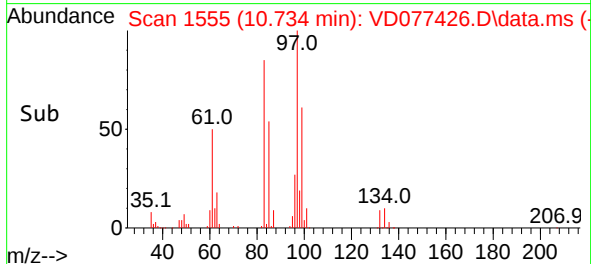
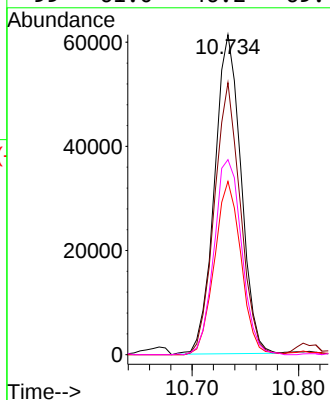
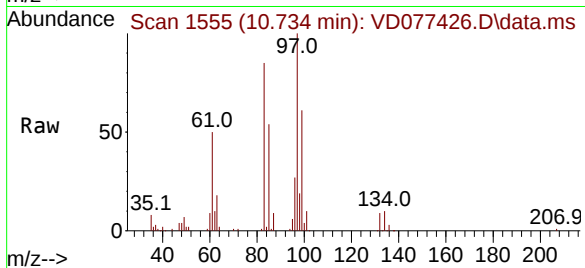




#55
1,1,2-Trichloroethane
Concen: 55.276 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

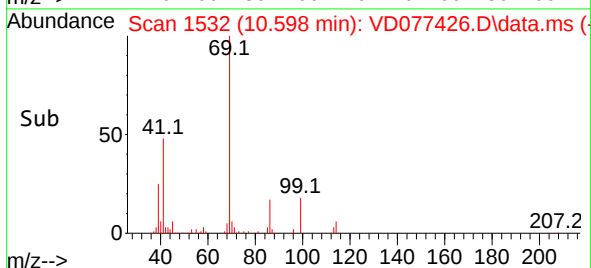
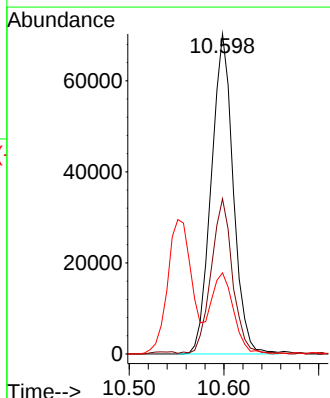
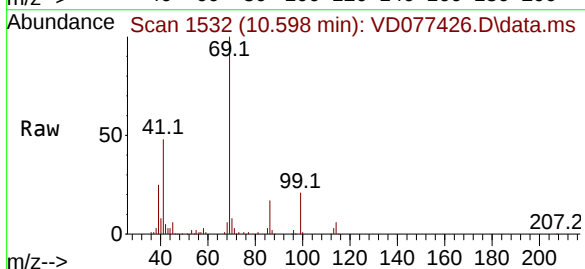
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

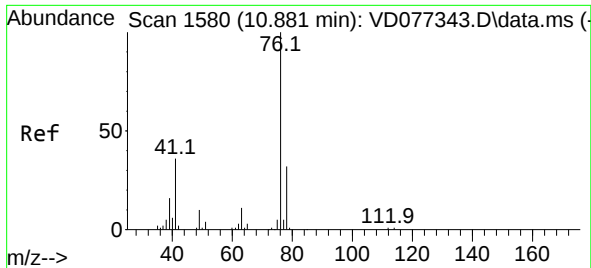
Tgt Ion:	97	Resp:	105673
Ion	Ratio	Lower	Upper
97	100		
83	85.4	65.8	98.6
85	54.4	45.7	68.5
99	61.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 61.870 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion:	69	Resp:	113039
Ion	Ratio	Lower	Upper
69	100		
41	47.7	39.1	58.7
39	26.9	20.0	30.0

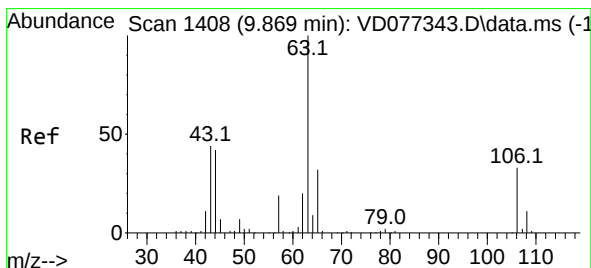
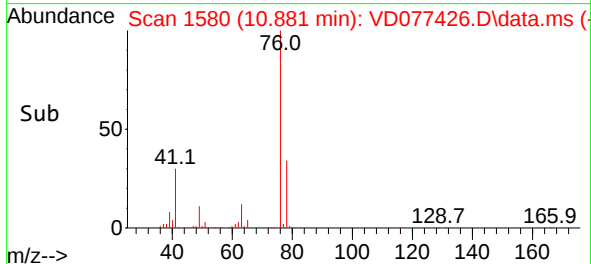
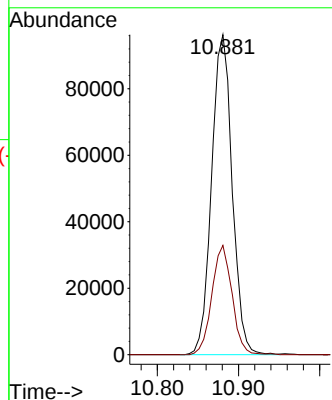
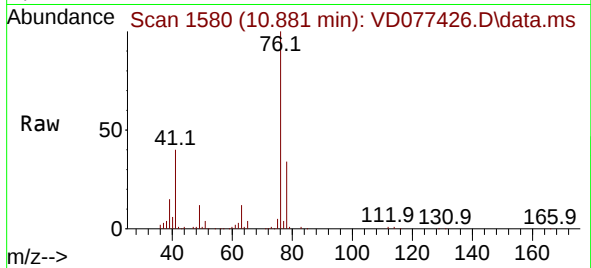




#57
1,3-Dichloropropane
Concen: 57.753 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

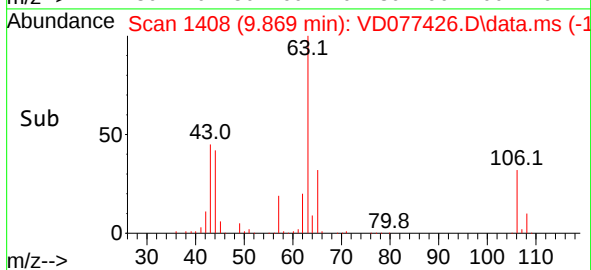
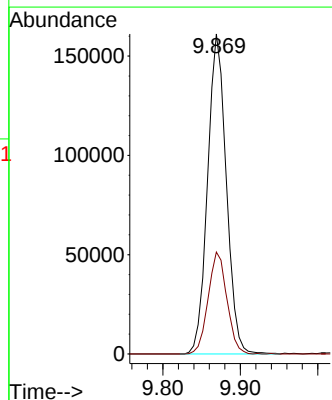
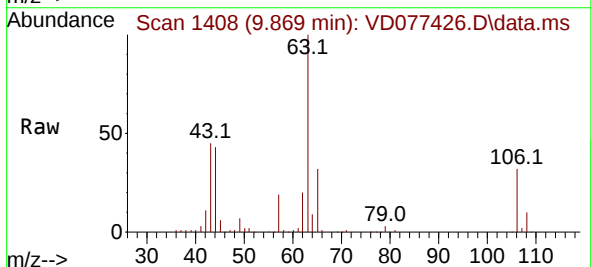
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

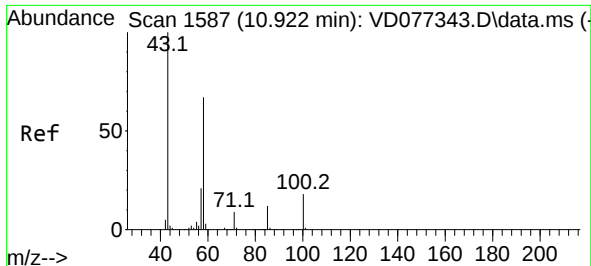
Tgt Ion: 76 Resp: 169600
Ion Ratio Lower Upper
76 100
78 33.4 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 299.771 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 63 Resp: 270847
Ion Ratio Lower Upper
63 100
106 31.8 25.3 37.9

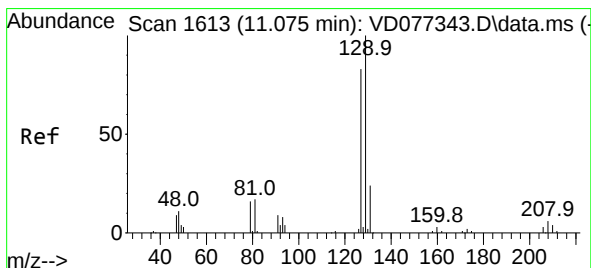
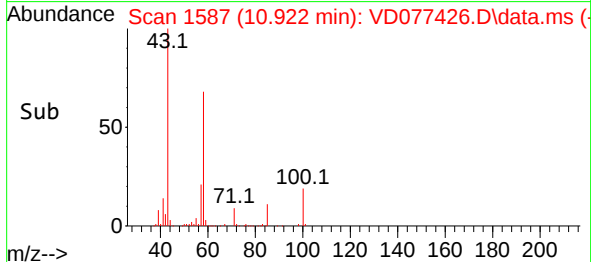
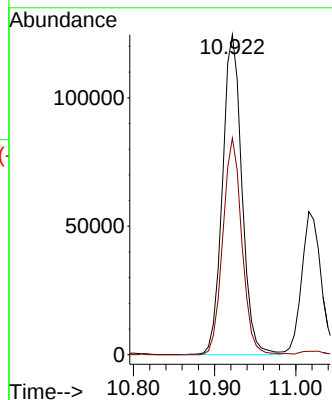
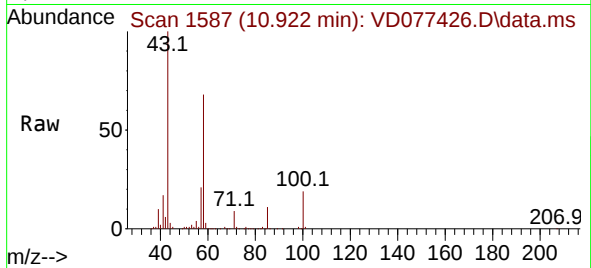




#59
2-Hexanone
Concen: 322.596 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

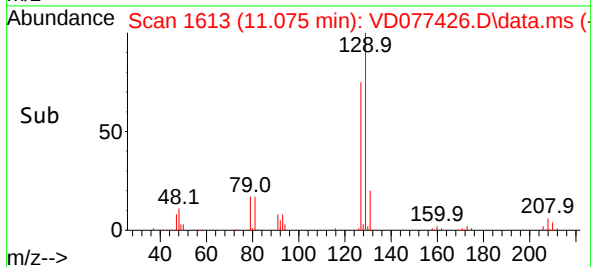
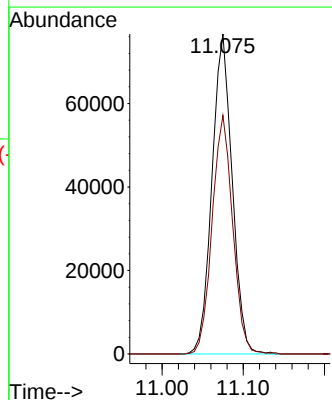
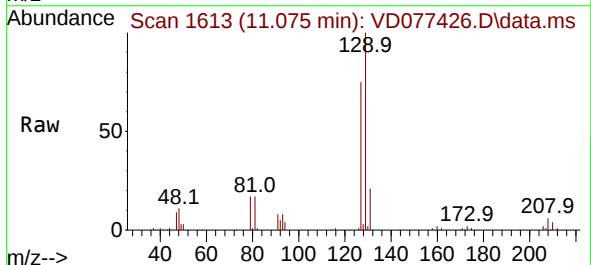
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

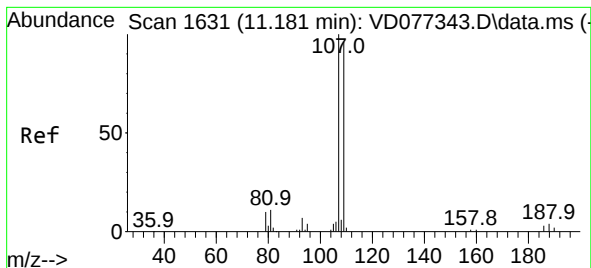
Tgt Ion: 43 Resp: 207286
Ion Ratio Lower Upper
43 100
58 66.2 34.1 102.2



#60
Dibromochloromethane
Concen: 54.271 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 129 Resp: 132480
Ion Ratio Lower Upper
129 100
127 75.9 37.1 111.5





#61

1,2-Dibromoethane

Concen: 55.326 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

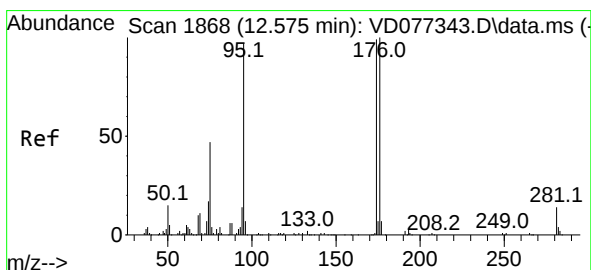
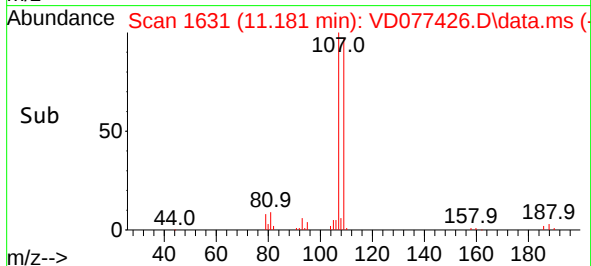
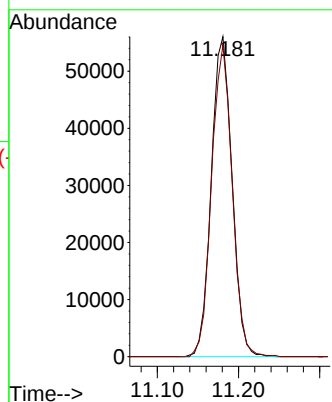
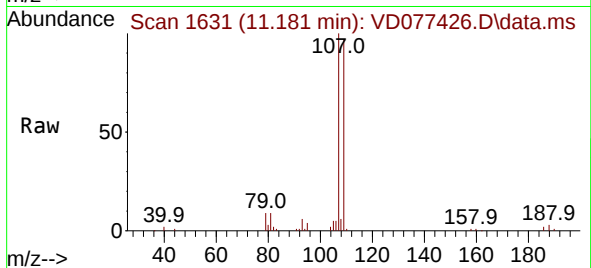
VSTD05006

Tgt Ion:107 Resp: 99667

Ion Ratio Lower Upper

107 100

109 96.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 55.402 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

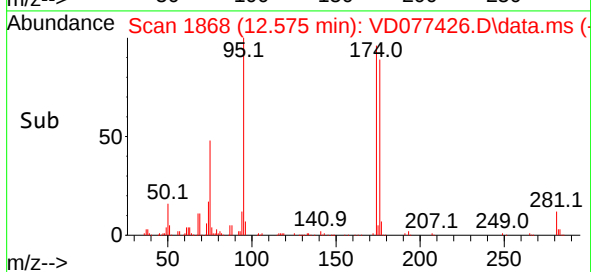
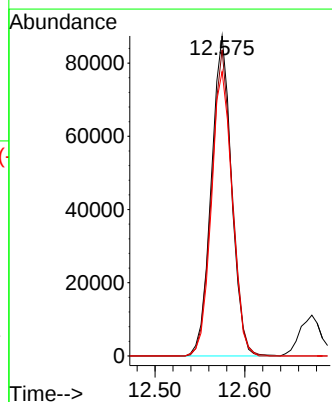
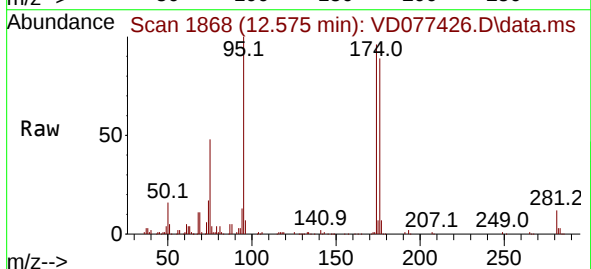
Tgt Ion: 95 Resp: 137184

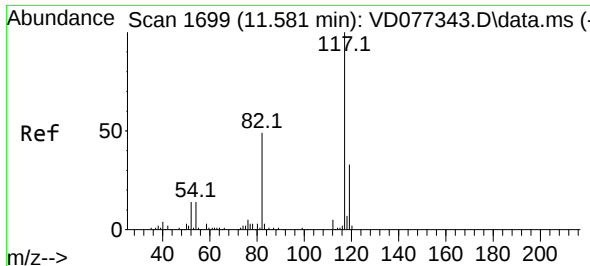
Ion Ratio Lower Upper

95 100

174 96.7 0.0 201.8

176 91.3 0.0 191.8

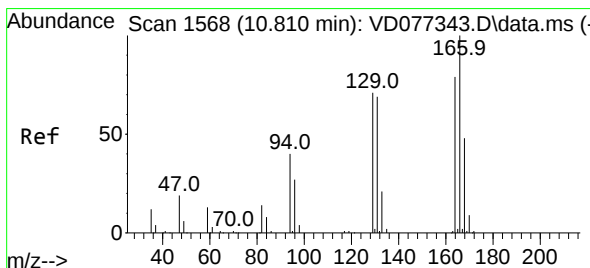
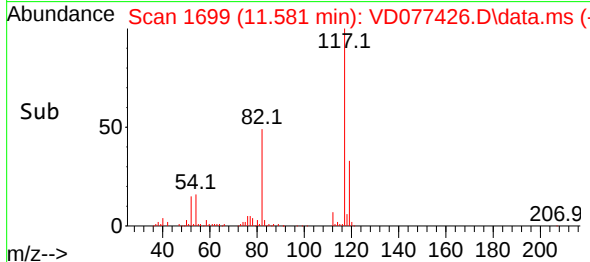
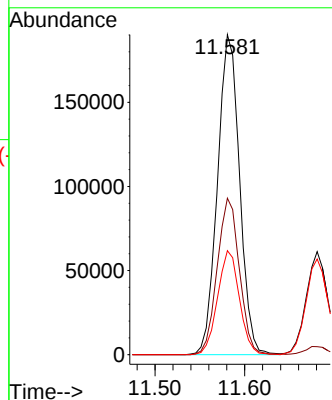
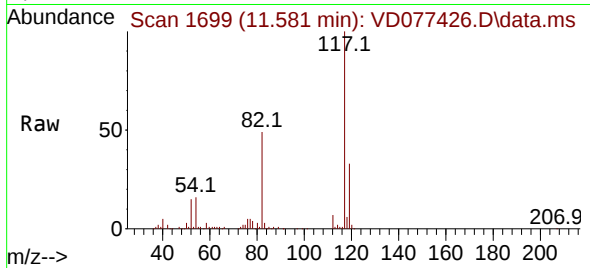




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

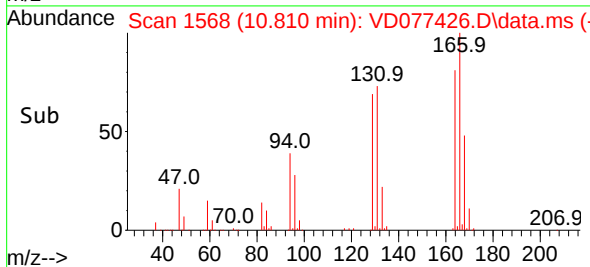
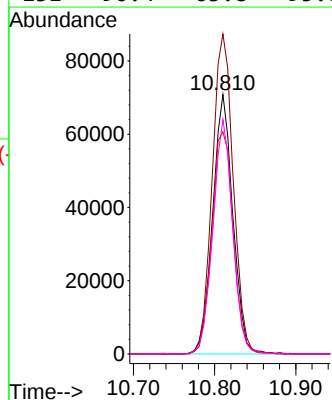
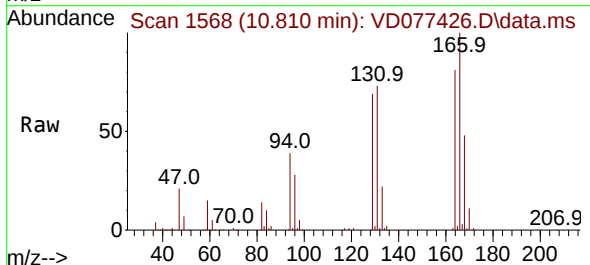
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

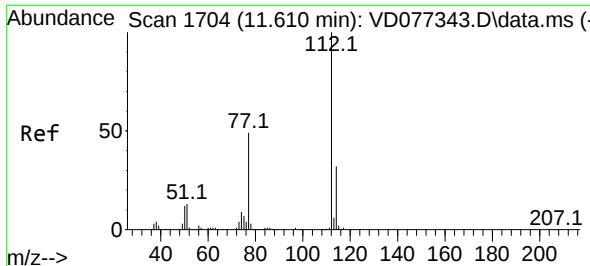
Tgt Ion:117 Resp: 325304
Ion Ratio Lower Upper
117 100
82 48.9 38.3 57.5
119 32.5 25.0 37.4



#64
Tetrachloroethene
Concen: 50.700 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion:164 Resp: 122586
Ion Ratio Lower Upper
164 100
166 123.4 99.2 148.8
129 85.7 68.4 102.6
131 90.4 63.8 95.8

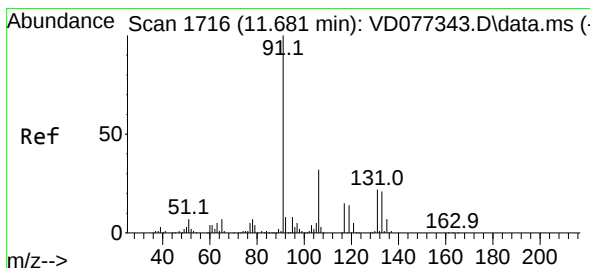
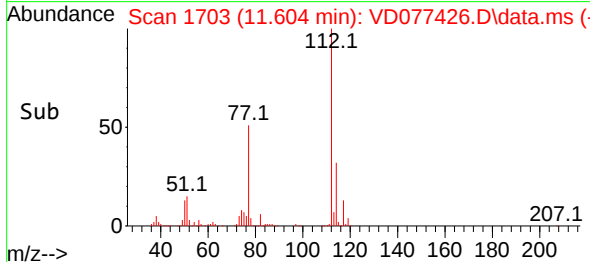
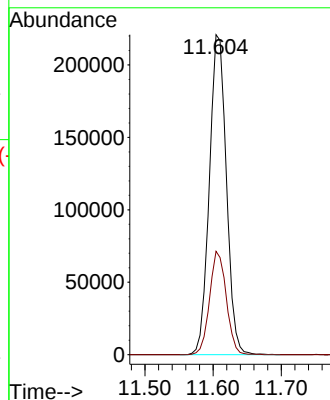
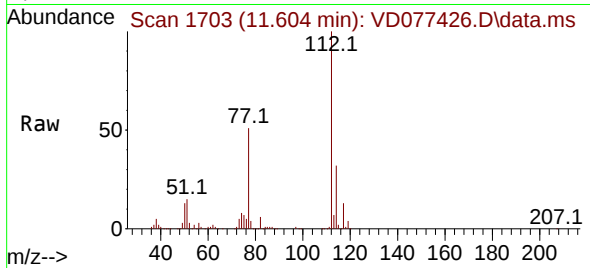




#65
Chlorobenzene
Concen: 54.144 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

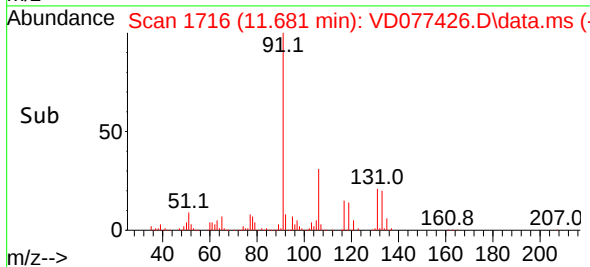
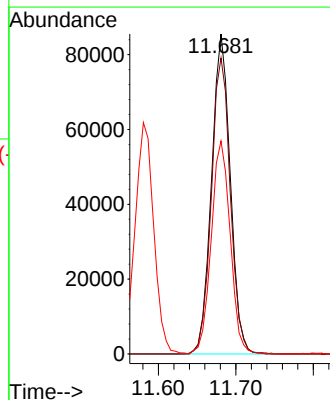
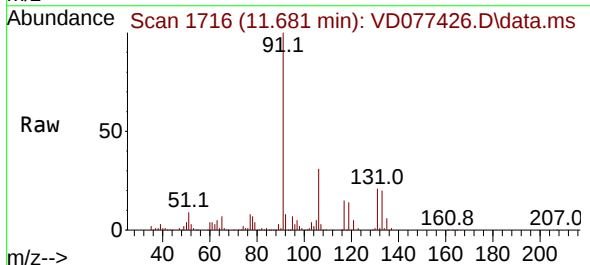
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

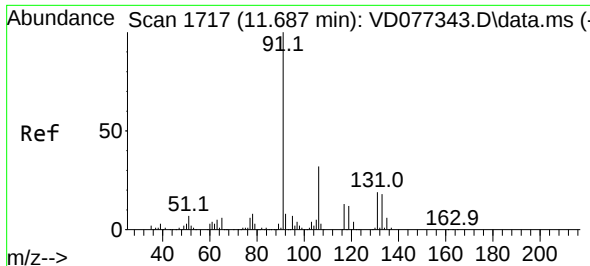
Tgt Ion:112 Resp: 383920
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.344 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion:131 Resp: 143781
Ion Ratio Lower Upper
131 100
133 93.9 48.5 145.5
119 67.3 35.6 106.9

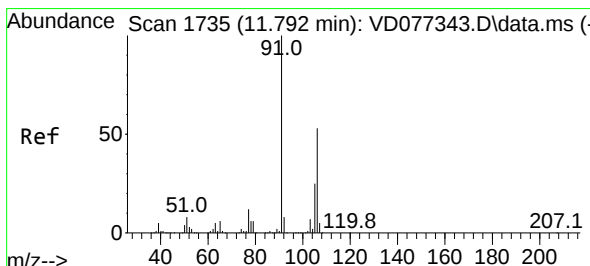
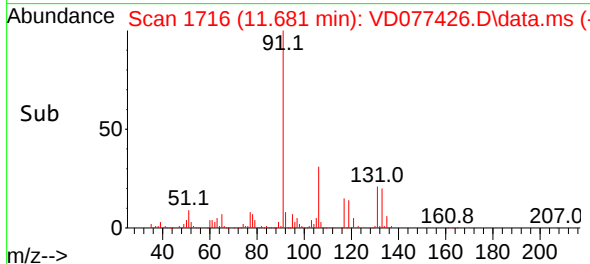
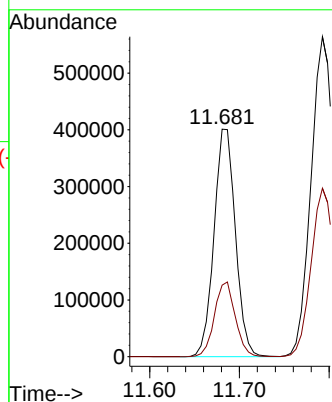
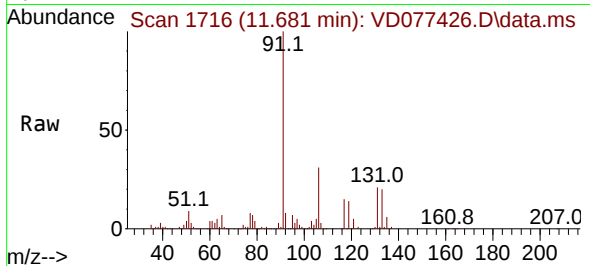




#67
Ethyl Benzene
Concen: 56.576 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

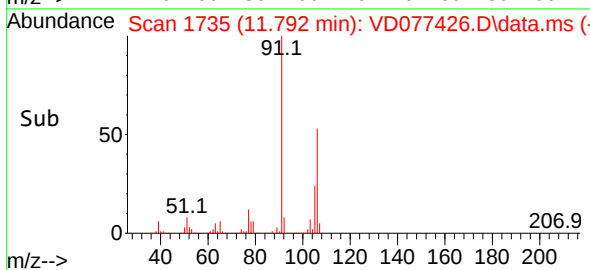
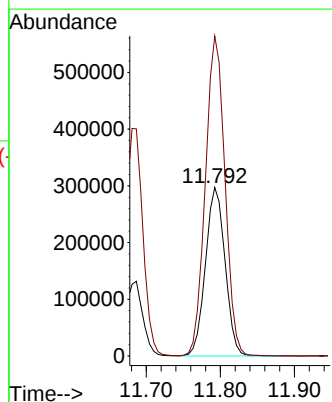
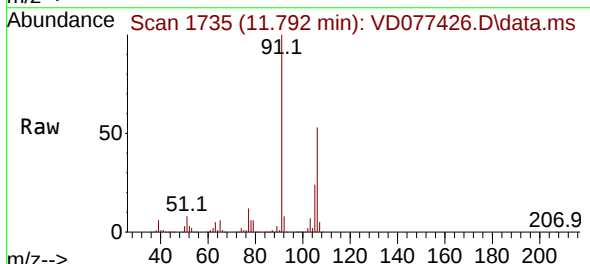
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

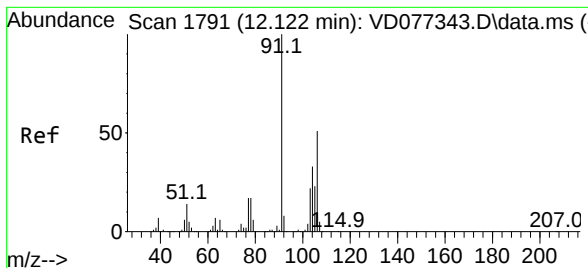
Tgt Ion: 91 Resp: 664996
Ion Ratio Lower Upper
91 100
106 31.5 26.5 39.7



#68
m/p-Xylenes
Concen: 113.076 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion:106 Resp: 545779
Ion Ratio Lower Upper
106 100
91 189.8 147.0 220.6

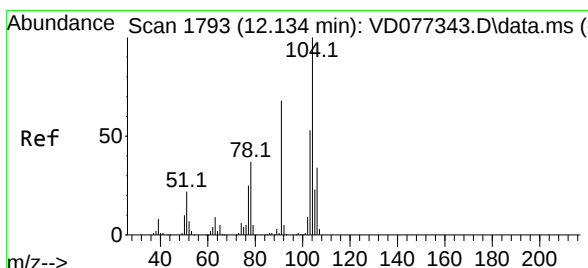
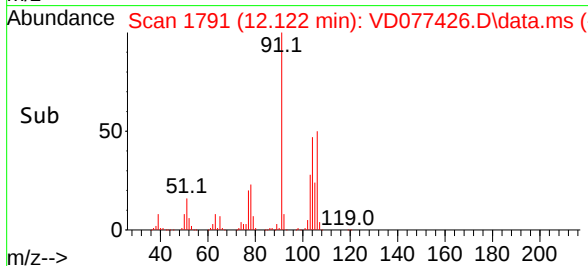
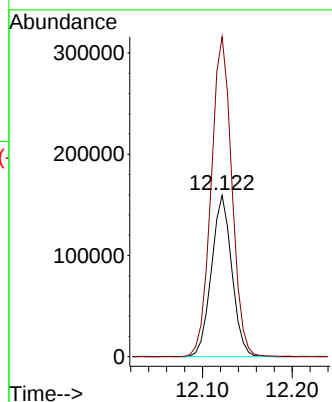
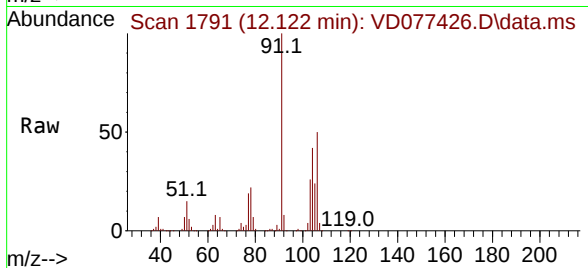




#69
o-Xylene
Concen: 56.460 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

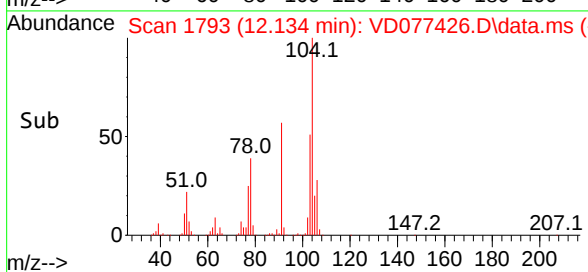
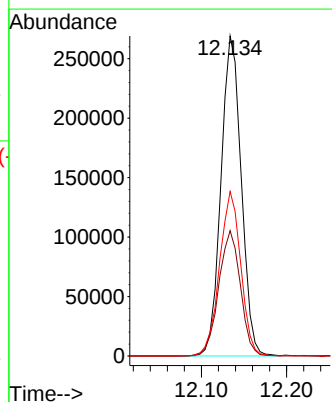
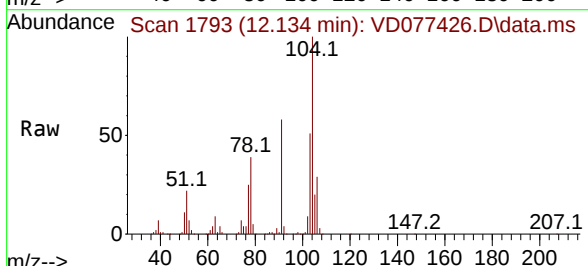
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

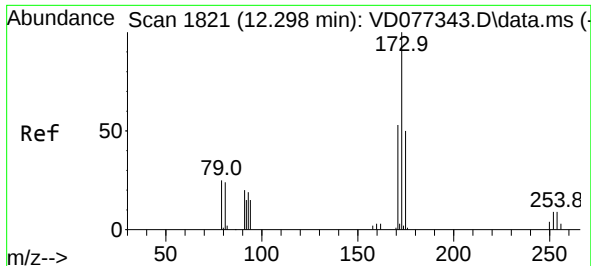
Tgt Ion:106 Resp: 250868
Ion Ratio Lower Upper
106 100
91 202.2 97.9 293.6



#70
Styrene
Concen: 58.676 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion:104 Resp: 444816
Ion Ratio Lower Upper
104 100
78 41.9 33.2 49.8
103 53.8 43.6 65.4

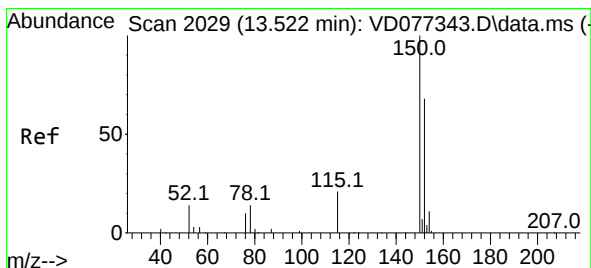
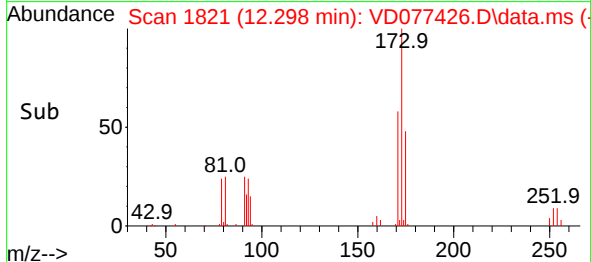
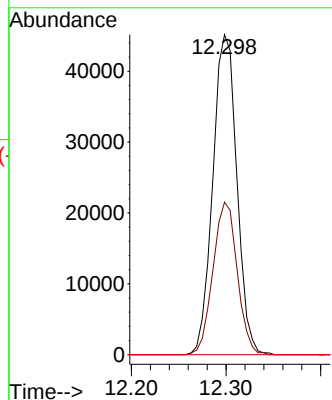
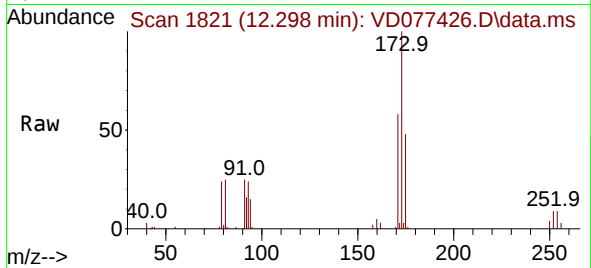




#71
Bromoform
Concen: 53.910 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

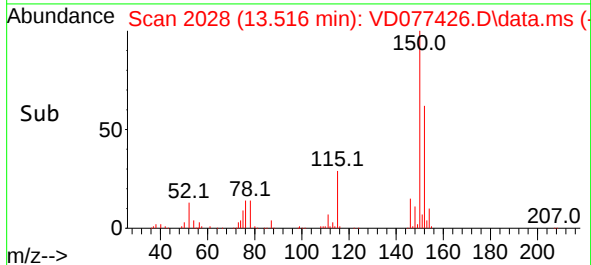
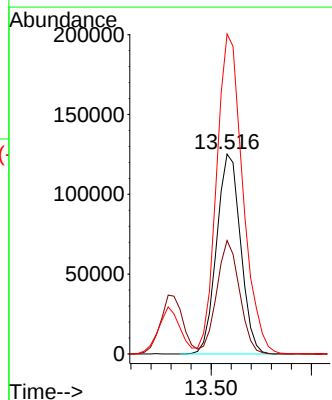
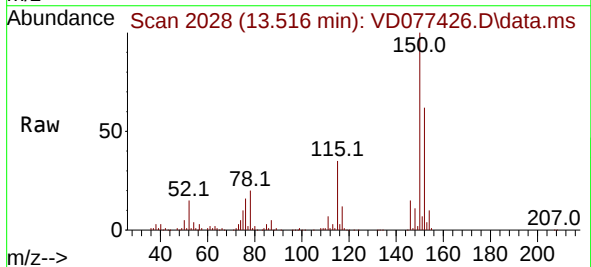
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

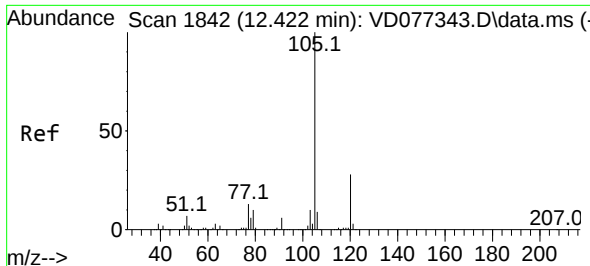
Tgt Ion:173 Resp: 79654
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion:152 Resp: 207774
Ion Ratio Lower Upper
152 100
115 54.3 27.1 81.3
150 175.4 0.0 353.6

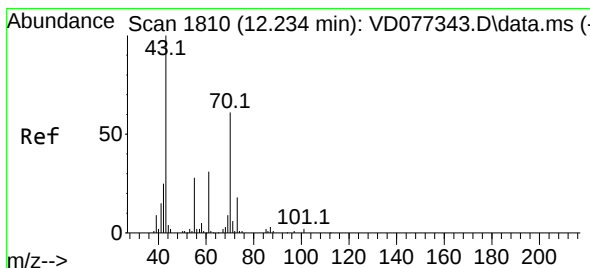
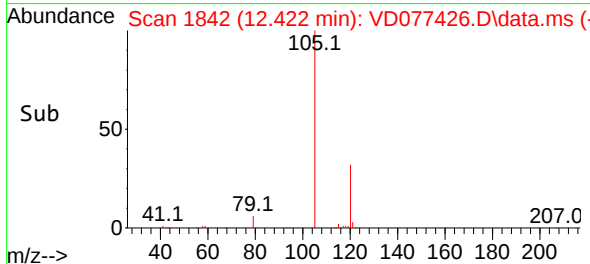
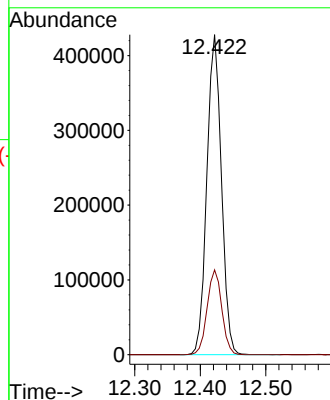
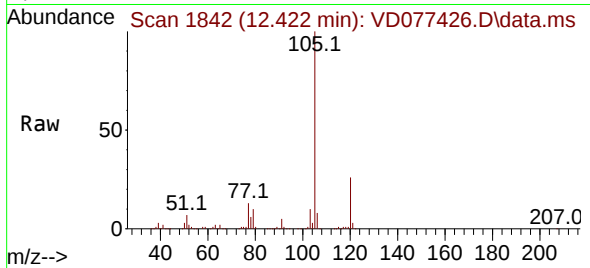




#73
Isopropylbenzene
Concen: 48.042 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

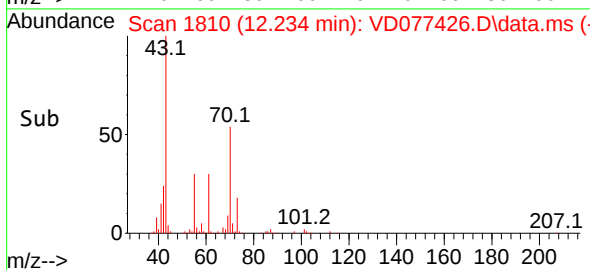
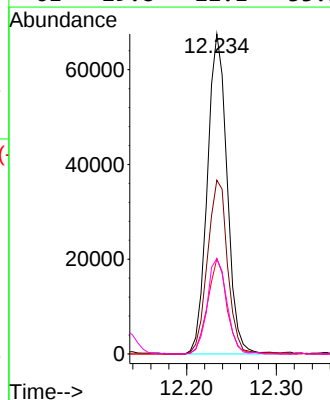
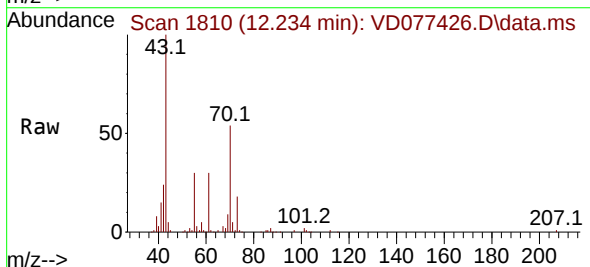
Instrument :
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ClientSampleId :
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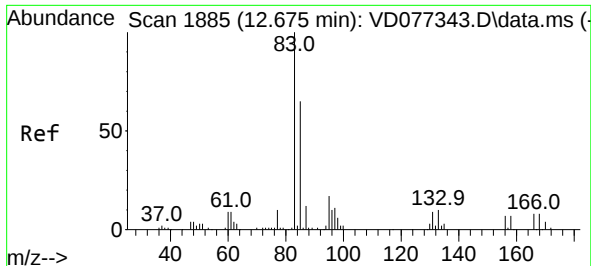
Tgt Ion:105 Resp: 660245
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 52.205 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 43 Resp: 103213
Ion Ratio Lower Upper
43 100
70 55.4 45.0 67.4
55 29.1 23.8 35.6
61 29.8 22.1 33.1

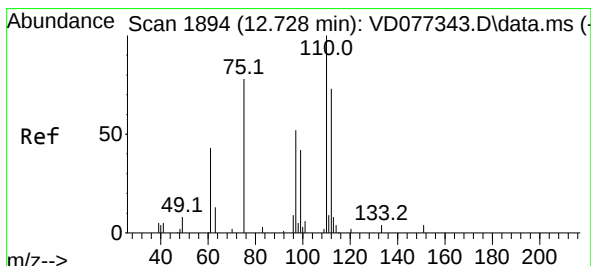
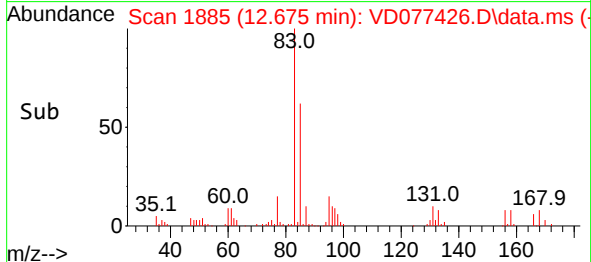
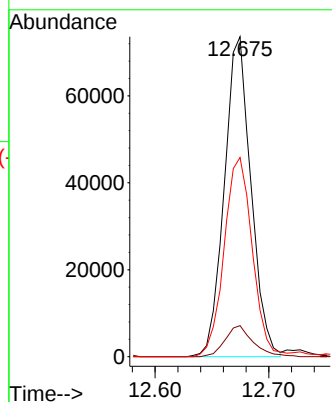
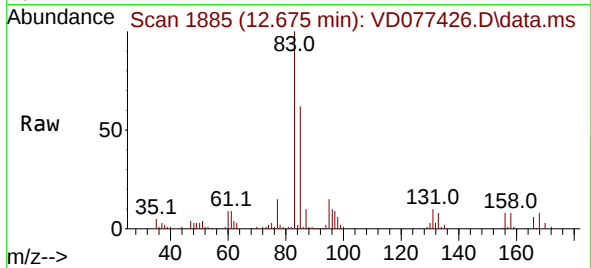




#75
1,1,2,2-Tetrachloroethane
Concen: 48.020 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

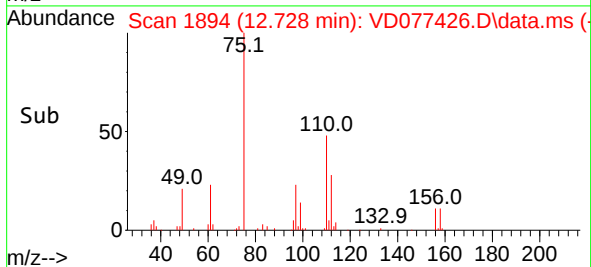
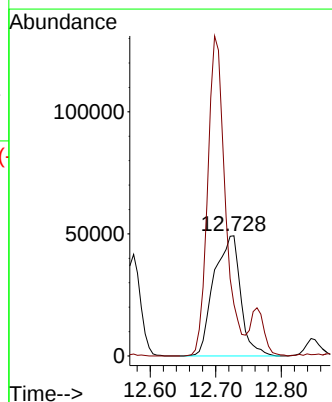
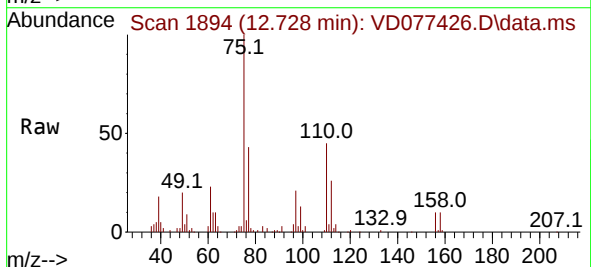
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

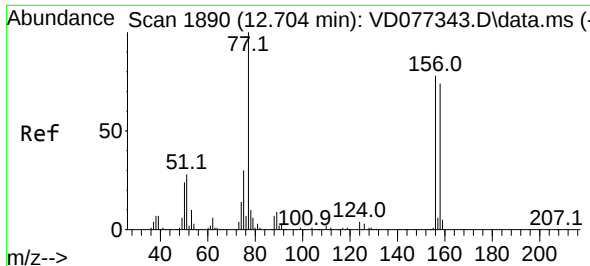
Tgt Ion: 83 Resp: 119924
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 66.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 49.323 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 75 Resp: 139013
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

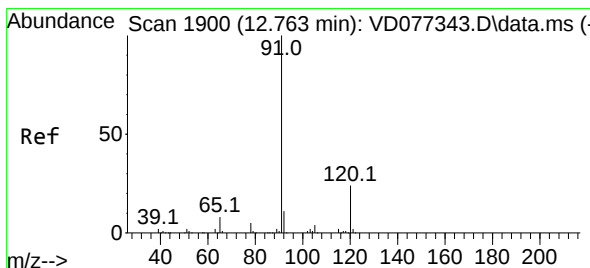
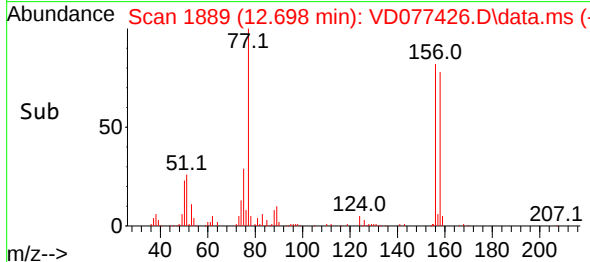
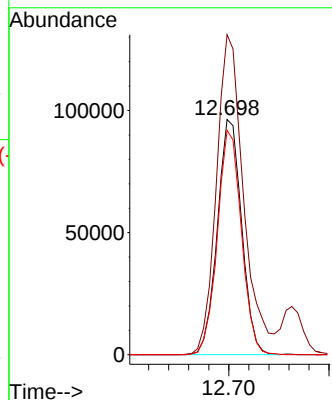
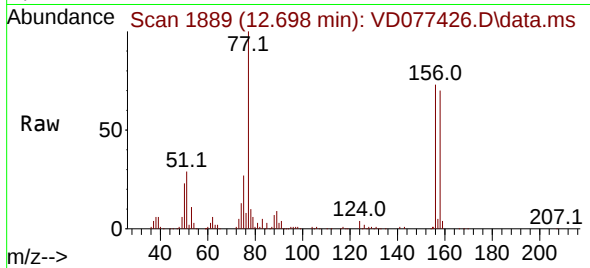




#77
Bromobenzene
Concen: 44.863 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

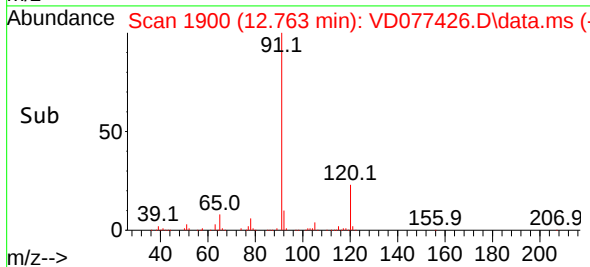
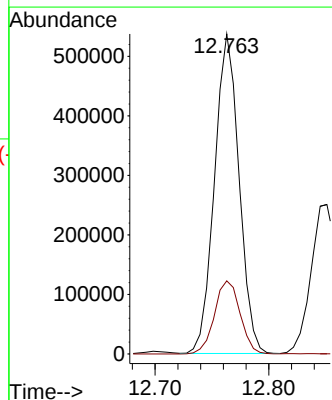
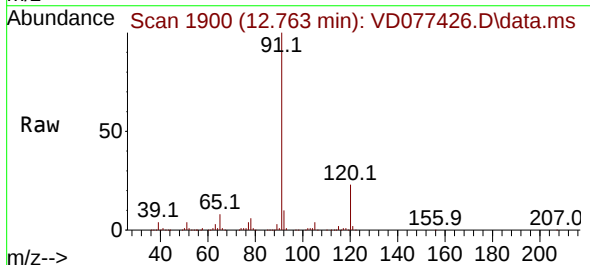
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

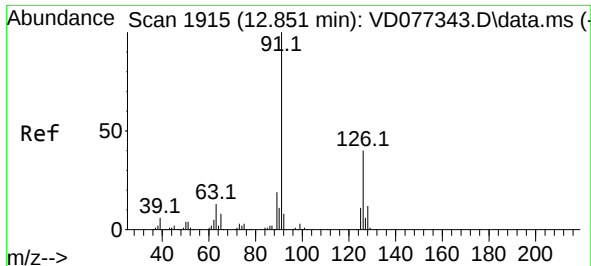
Tgt Ion:156 Resp: 161865
Ion Ratio Lower Upper
156 100
77 152.5 76.8 230.4
158 94.3 48.6 145.9



#78
n-propylbenzene
Concen: 48.694 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 91 Resp: 805943
Ion Ratio Lower Upper
91 100
120 23.8 12.4 37.2

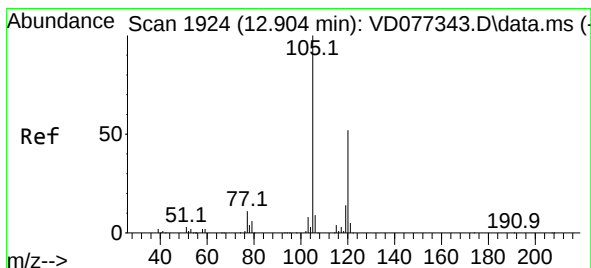
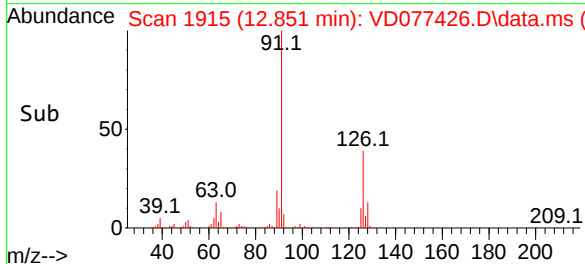
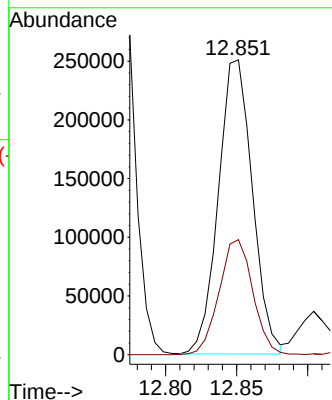
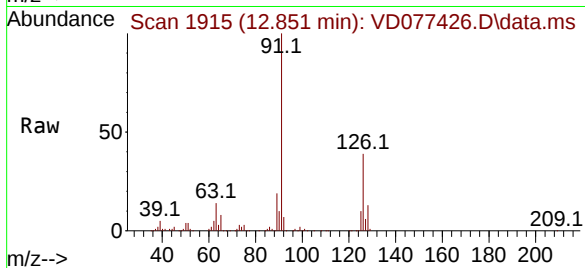




#79
2-Chlorotoluene
Concen: 46.390 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

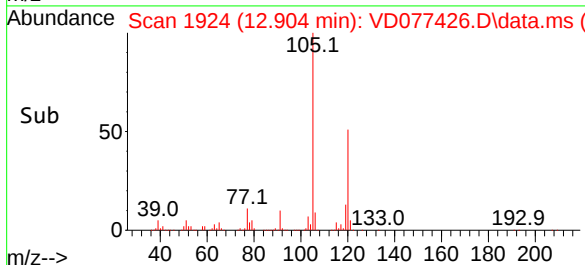
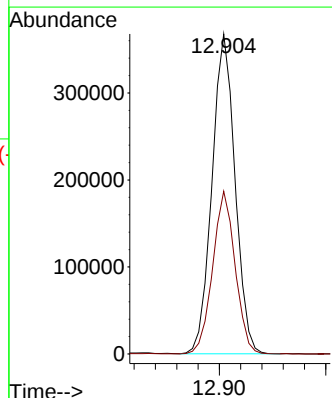
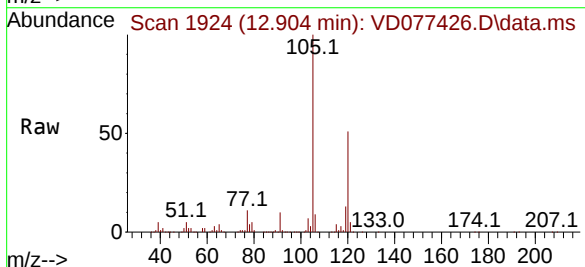
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

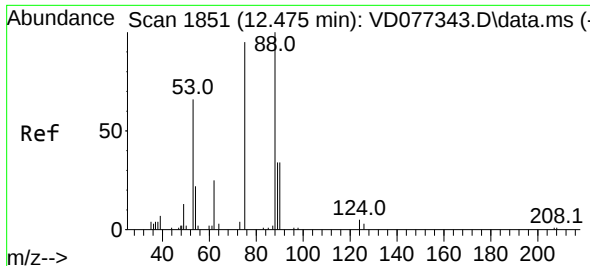
Tgt Ion: 91 Resp: 418208
Ion Ratio Lower Upper
91 100
126 38.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 48.539 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 105 Resp: 550485
Ion Ratio Lower Upper
105 100
120 49.8 26.4 79.2

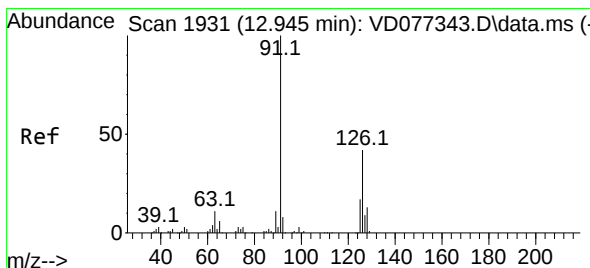
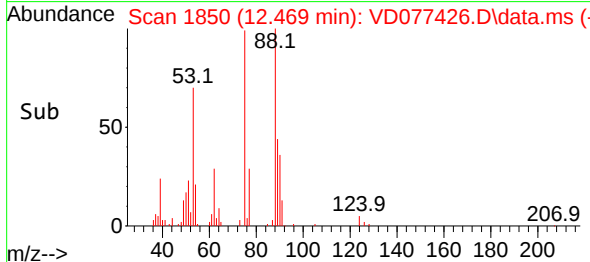
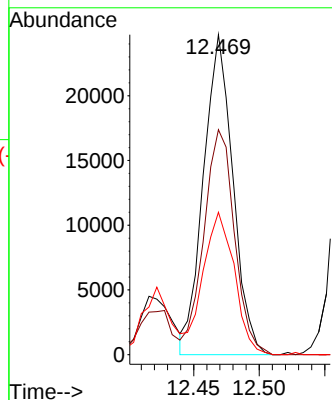
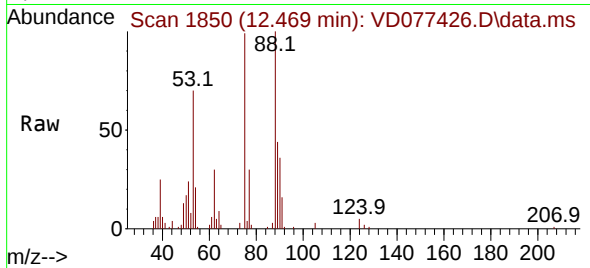




#81
trans-1,4-Dichloro-2-butene
Concen: 49.750 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

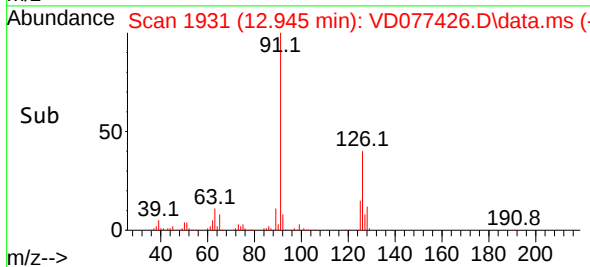
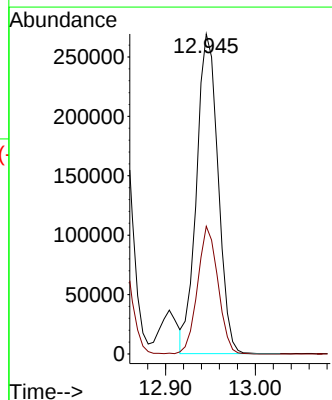
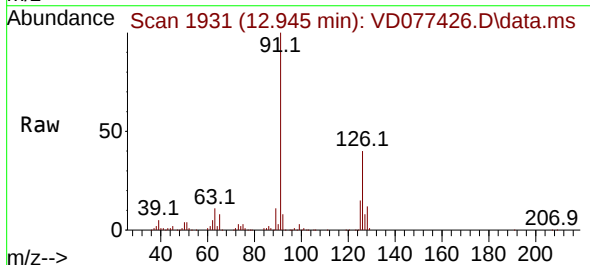
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

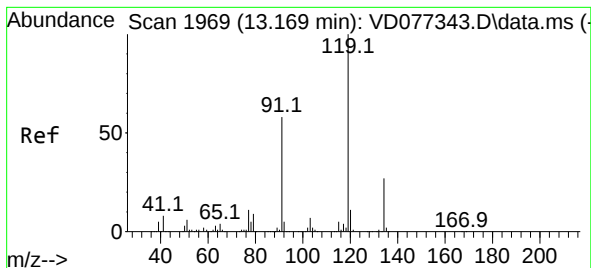
Tgt Ion: 75 Resp: 38577
Ion Ratio Lower Upper
75 100
53 73.5 63.0 94.4
89 47.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 47.648 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion: 91 Resp: 447213
Ion Ratio Lower Upper
91 100
126 38.0 19.4 58.4





#83

tert-Butylbenzene

Concen: 61.635 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

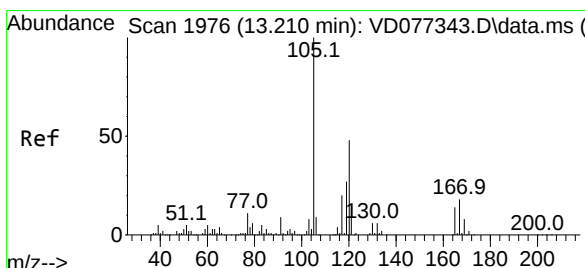
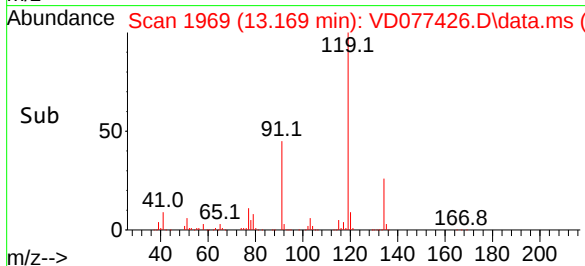
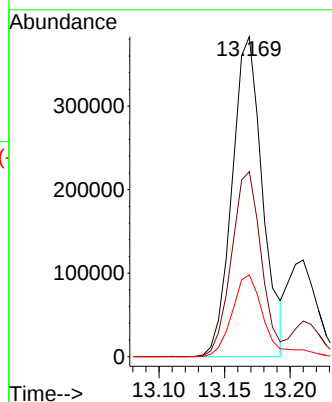
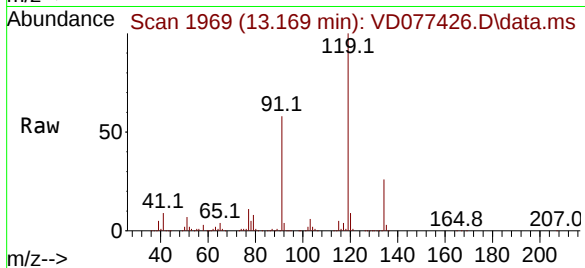
Tgt Ion:119 Resp: 619733

Ion Ratio Lower Upper

119 100

91 56.5 29.3 87.8

134 27.2 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 61.203 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD077426.D

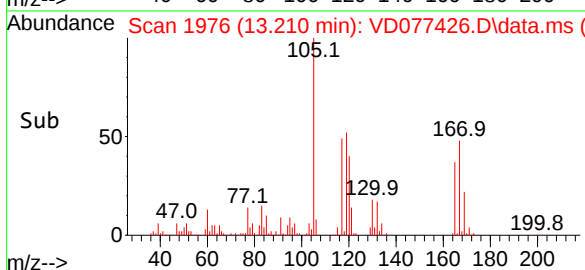
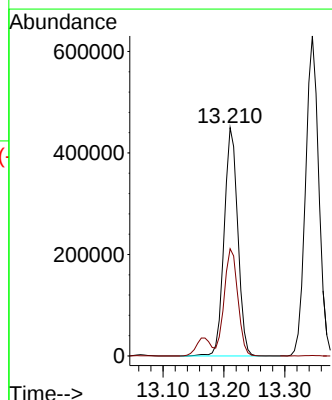
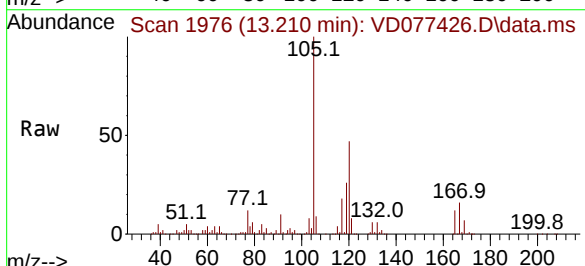
Acq: 26 Oct 2023 10:44

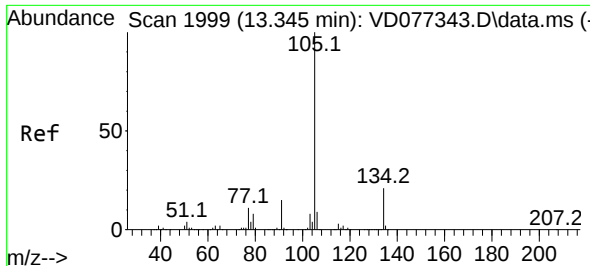
Tgt Ion:105 Resp: 698843

Ion Ratio Lower Upper

105 100

120 46.6 24.3 72.9

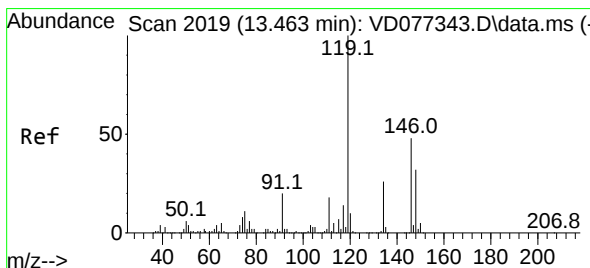
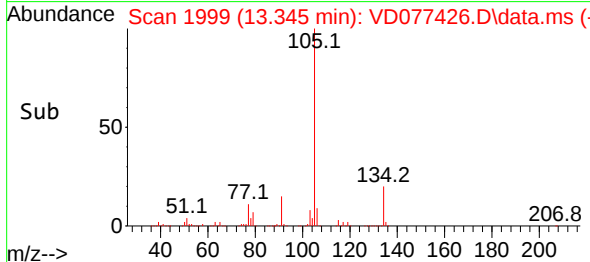
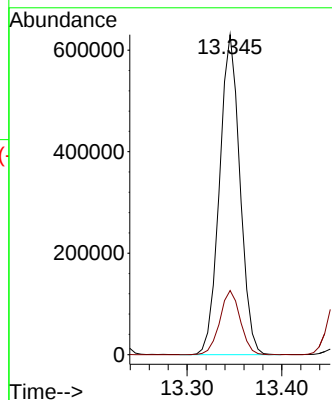
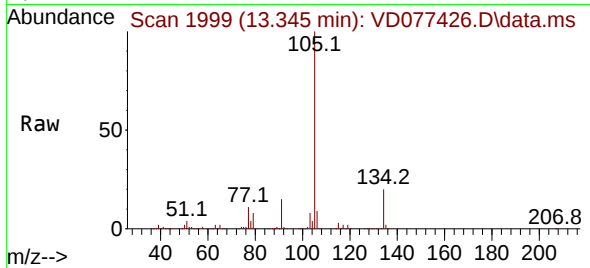




#85
 sec-Butylbenzene
 Concen: 62.490 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077426.D
 Acq: 26 Oct 2023 10:44

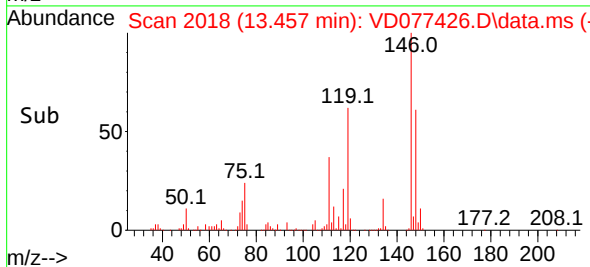
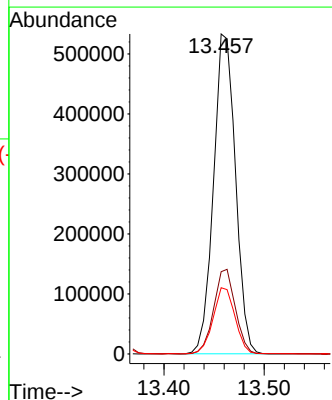
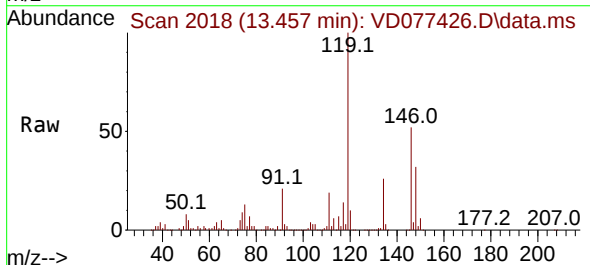
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

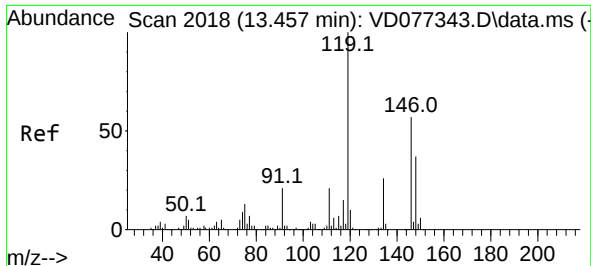
Tgt Ion:105 Resp: 945499
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 61.651 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077426.D
 Acq: 26 Oct 2023 10:44

Tgt Ion:119 Resp: 810372
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 20.6 10.5 31.5

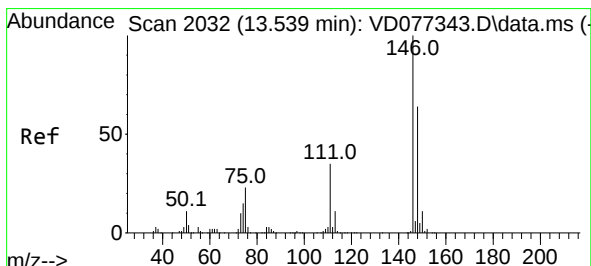
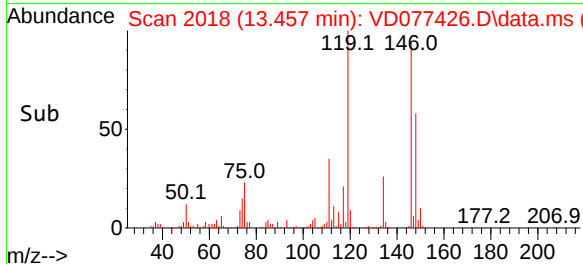
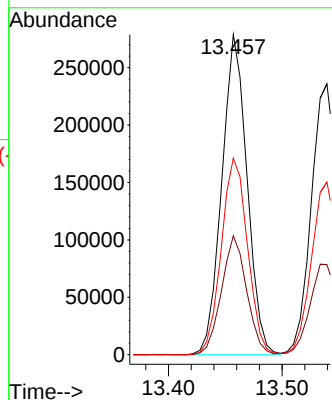
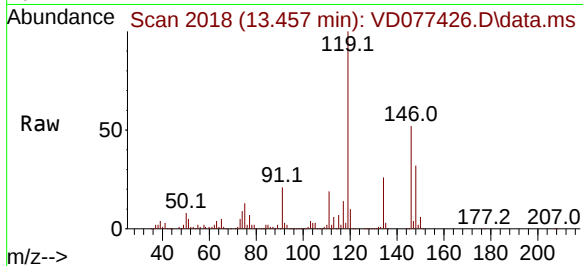




#87
 1,3-Dichlorobenzene
 Concen: 56.706 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD077426.D
 Acq: 26 Oct 2023 10:44

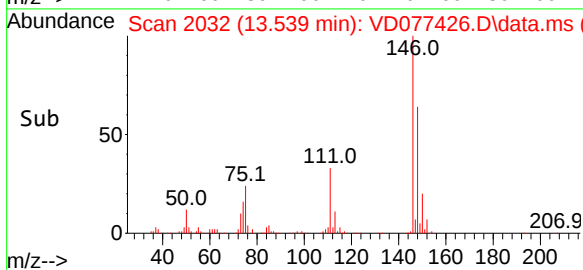
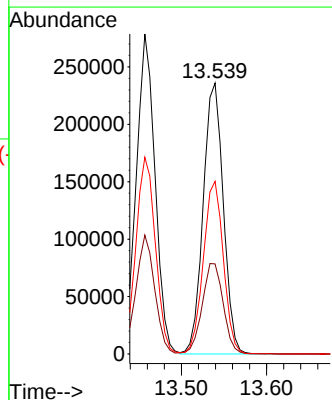
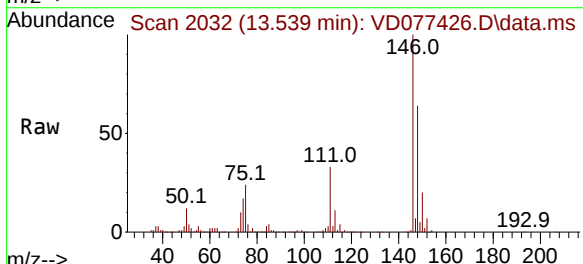
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

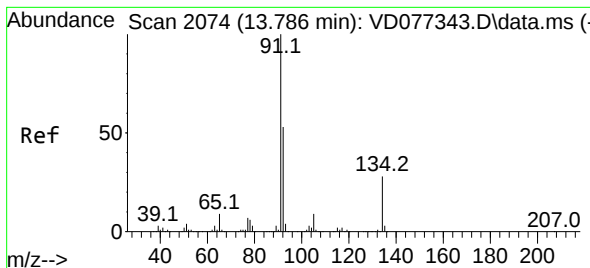
Tgt Ion:146 Resp: 430573
 Ion Ratio Lower Upper
 146 100
 111 36.9 17.9 53.8
 148 63.7 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 51.486 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD077426.D
 Acq: 26 Oct 2023 10:44

Tgt Ion:146 Resp: 387397
 Ion Ratio Lower Upper
 146 100
 111 34.8 17.4 52.3
 148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 54.833 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

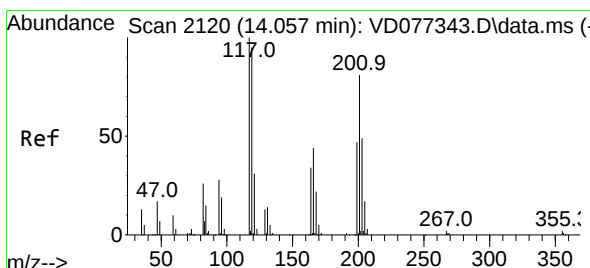
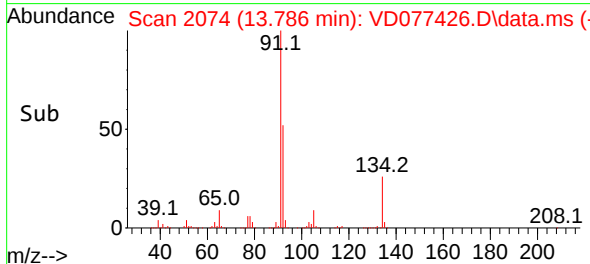
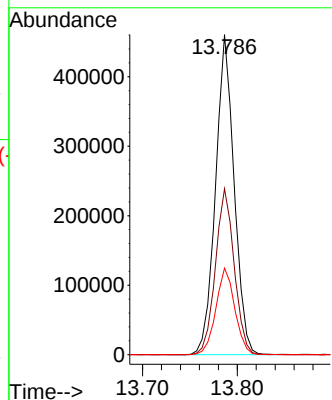
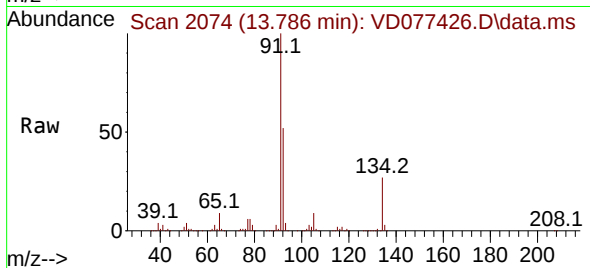
Tgt Ion: 91 Resp: 627605

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 27.5 13.8 41.3



#90

Hexachloroethane

Concen: 56.286 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD077426.D

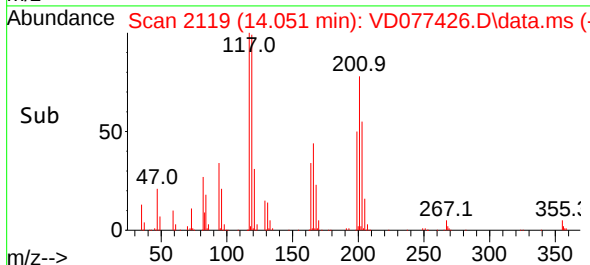
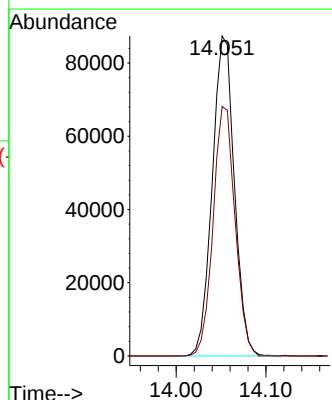
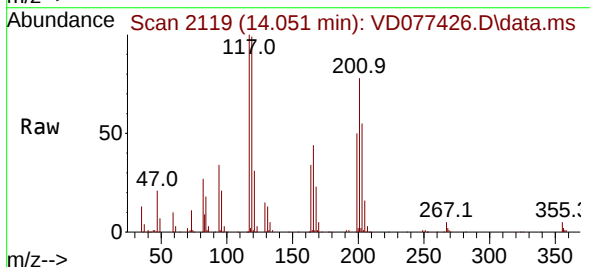
Acq: 26 Oct 2023 10:44

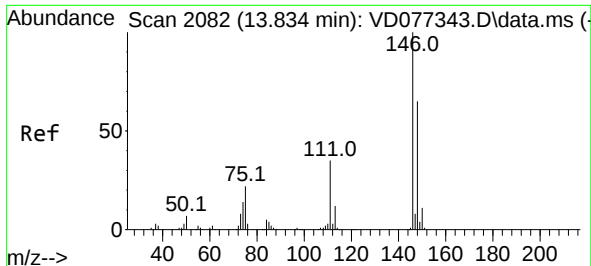
Tgt Ion: 117 Resp: 149553

Ion Ratio Lower Upper

117 100

201 77.3 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 49.910 ug/l

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

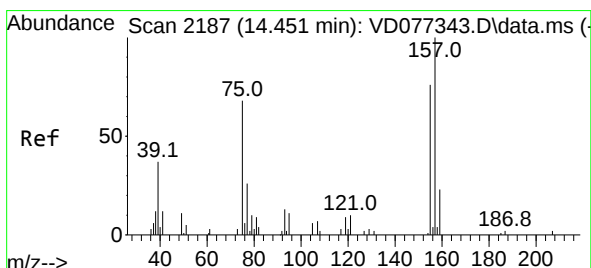
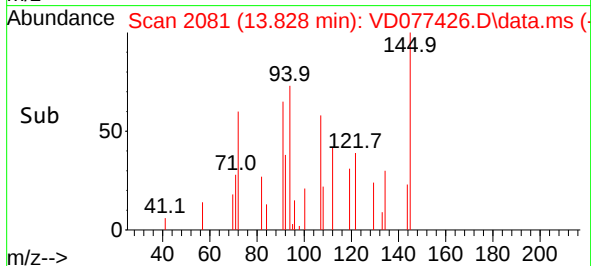
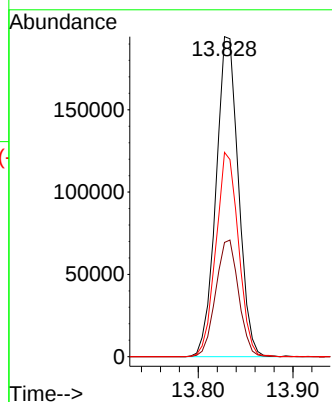
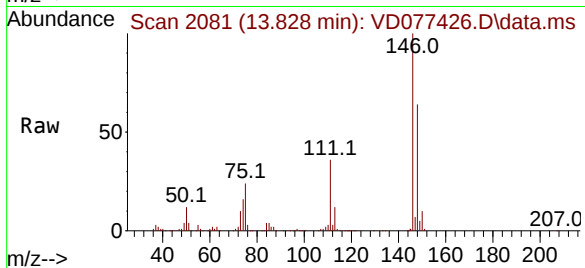
Tgt Ion:146 Resp: 320130

Ion Ratio Lower Upper

146 100

111 37.2 18.3 54.8

148 64.4 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.630 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077426.D

Acq: 26 Oct 2023 10:44

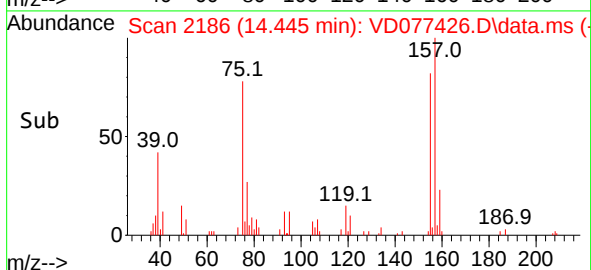
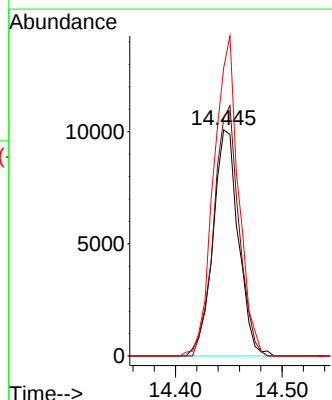
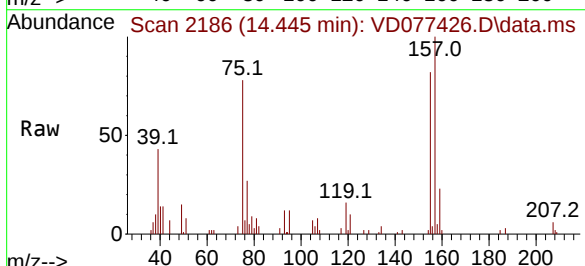
Tgt Ion: 75 Resp: 16699

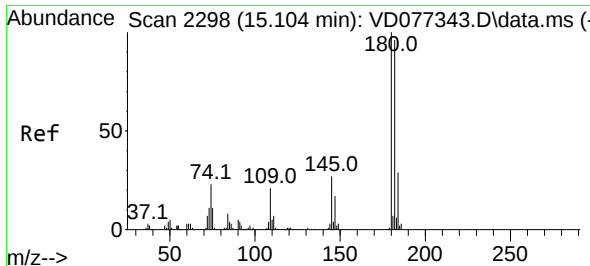
Ion Ratio Lower Upper

75 100

155 108.7 47.9 143.8

157 138.1 59.9 179.7

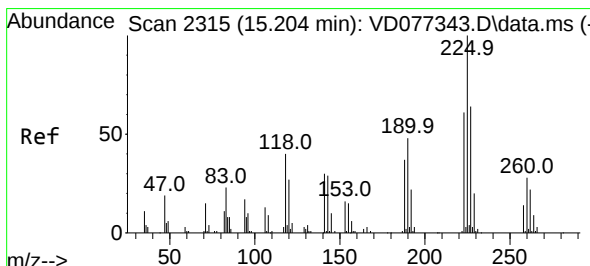
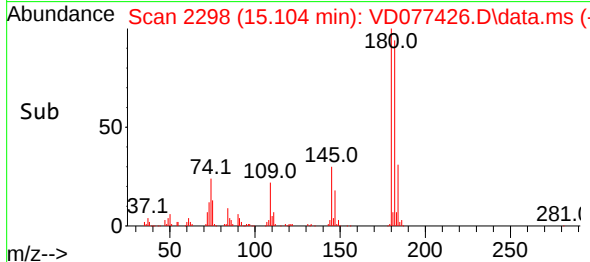
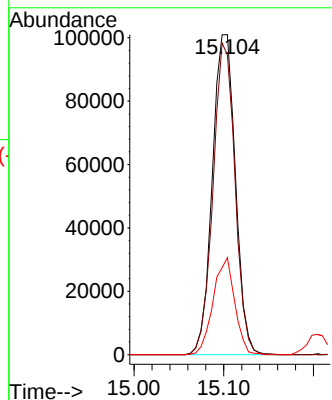
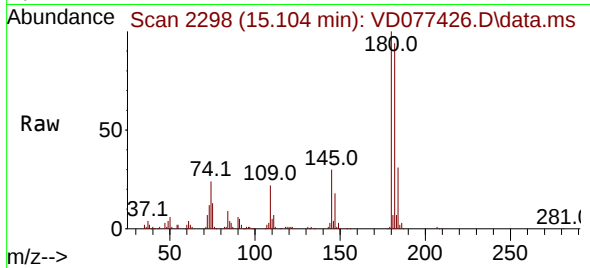




#93
1,2,4-Trichlorobenzene
Concen: 44.947 ug/l
RT: 15.104 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

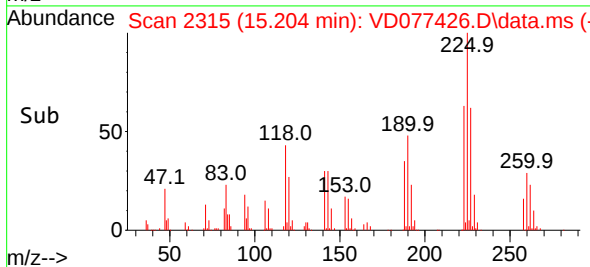
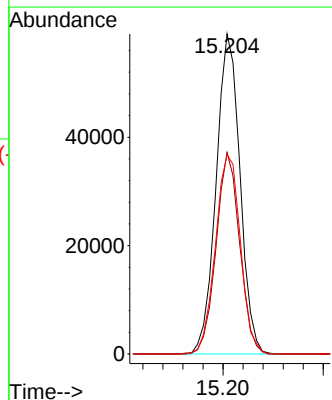
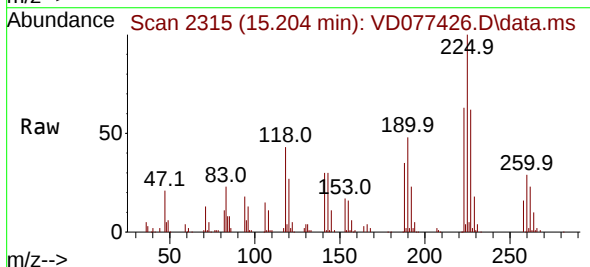
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

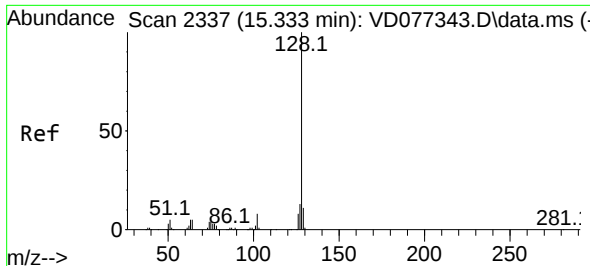
Tgt Ion:180 Resp: 179624
Ion Ratio Lower Upper
180 100
182 93.0 48.5 145.6
145 28.4 14.2 42.6



#94
Hexachlorobutadiene
Concen: 42.961 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion:225 Resp: 97507
Ion Ratio Lower Upper
225 100
223 62.2 31.6 94.8
227 65.0 31.7 95.1

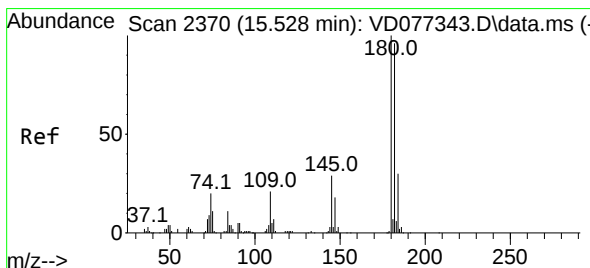
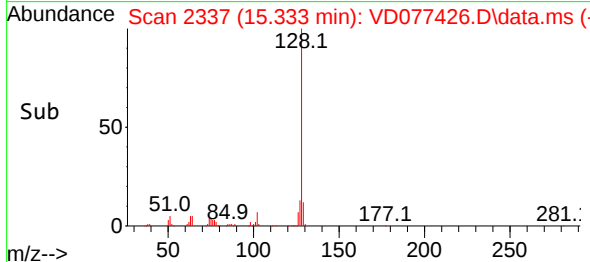
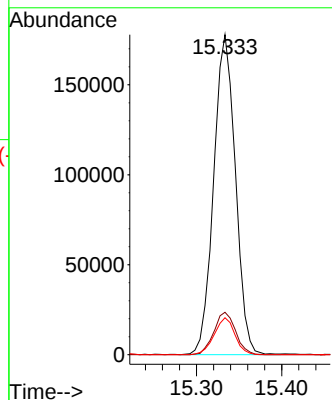
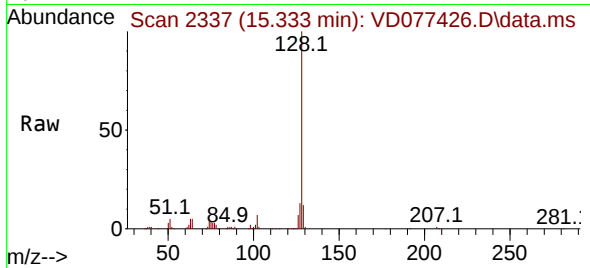




#95
Naphthalene
Concen: 46.789 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tgt Ion:128 Resp: 315707
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.535 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077426.D
Acq: 26 Oct 2023 10:44

Tgt Ion:180 Resp: 154481
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 30.6 15.1 45.3

