

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010824\
 Data File : VD078127.D
 Acq On : 08 Jan 2024 12:50
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 09 00:58:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 00:46:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	98973	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	171061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	151224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	68308	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	5937	5.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.400%#
35) Dibromofluoromethane	7.810	113	6704	5.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.880%#
50) Toluene-d8	10.269	98	19804	4.790	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.580%#
62) 4-Bromofluorobenzene	12.575	95	6602	4.587	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.180%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	6187	3.500	ug/l	97
3) Chloromethane	2.152	50	7472	5.937	ug/l	100
4) Vinyl Chloride	2.287	62	10739	6.068	ug/l	94
5) Bromomethane	2.699	94	6985	5.141	ug/l	88
6) Chloroethane	2.846	64	7614	5.794	ug/l	90
7) Trichlorofluoromethane	3.181	101	10572	5.436	ug/l	99
8) Diethyl Ether	3.593	74	2762	5.416	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.963	101	2480	2.145	ug/l	# 1
10) Methyl Iodide	4.175	142	4299	4.976	ug/l	# 73
11) Tert butyl alcohol	5.034	59	550	10.361	ug/l	# 73
12) 1,1-Dichloroethene	3.952	96	5669	5.792	ug/l	# 78
13) Acrolein	3.816	56	2488	10.346	ug/l	# 15
14) Allyl chloride	4.569	41	7788	5.956	ug/l	# 88
15) Acrylonitrile	5.257	53	6239	26.151	ug/l	# 91
16) Acetone	4.022	43	8742	11.735	ug/l	# 73
17) Carbon Disulfide	4.281	76	11382	5.217	ug/l	100
18) Methyl Acetate	4.557	43	4321	4.607	ug/l	# 59
19) Methyl tert-butyl Ether	5.316	73	11828	5.016	ug/l	95
20) Methylene Chloride	4.810	84	11400	2.824	ug/l	91
21) trans-1,2-Dichloroethene	5.316	96	5744	5.156	ug/l	92
22) Diisopropyl ether	6.222	45	15094	4.909	ug/l	# 93
23) Vinyl Acetate	6.157	43	32099	22.672	ug/l	# 84
24) 1,1-Dichloroethane	6.128	63	12245	5.708	ug/l	# 90
25) 2-Butanone	7.087	43	9404	29.216	ug/l	# 69
26) 2,2-Dichloropropane	7.069	77	6192	3.227	ug/l	77
27) cis-1,2-Dichloroethene	7.087	96	7378	5.387	ug/l	90
28) Bromochloromethane	7.440	49	3743	4.812	ug/l	# 81
29) Tetrahydrofuran	7.451	42	4296	25.441	ug/l	91
30) Chloroform	7.604	83	12645	5.438	ug/l	96
31) Cyclohexane	7.881	56	9964	6.320	ug/l	# 78
32) 1,1,1-Trichloroethane	7.798	97	11310	5.623	ug/l	98
36) 1,1-Dichloropropene	8.016	75	7997	4.804	ug/l	96
37) Ethyl Acetate	7.169	43	3994	6.096	ug/l	# 69
38) Carbon Tetrachloride	7.992	117	9827	5.126	ug/l	# 96
39) Methylcyclohexane	9.275	83	9491	5.181	ug/l	91
40) Benzene	8.251	78	26408	5.315	ug/l	91

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 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 09 00:58:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 00:46:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	2206	5.895	ug/l #	51
42) 1,2-Dichloroethane	8.328	62	7401	5.293	ug/l	97
43) Isopropyl Acetate	8.357	43	6755	5.349	ug/l #	85
44) Trichloroethene	9.022	130	7244	5.392	ug/l	94
45) 1,2-Dichloropropane	9.304	63	6818	5.321	ug/l #	86
46) Dibromomethane	9.398	93	3757	5.299	ug/l	93
47) Bromodichloromethane	9.587	83	9804	5.202	ug/l #	96
48) Methyl methacrylate	9.381	41	3638	5.212	ug/l #	60
49) 1,4-Dioxane	9.381	88	252	40.662	ug/l #	1
51) 4-Methyl-2-Pentanone	10.163	43	15545	23.756	ug/l	90
52) Toluene	10.339	92	15324	4.883	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	8277	4.948	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	9117	4.777	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	5328	5.358	ug/l #	79
56) Ethyl methacrylate	10.598	69	3583	4.624	ug/l #	77
57) 1,3-Dichloropropane	10.881	76	8166	5.060	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	7121	20.125	ug/l	97
59) 2-Hexanone	10.922	43	12997	26.418	ug/l	81
60) Dibromochloromethane	11.075	129	6697	5.330	ug/l	97
61) 1,2-Dibromoethane	11.181	107	4917	5.371	ug/l	89
64) Tetrachloroethene	10.810	164	5440	5.313	ug/l	90
65) Chlorobenzene	11.610	112	17303	4.973	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	6580	4.868	ug/l	97
67) Ethyl Benzene	11.686	91	29531	4.833	ug/l	95
68) m/p-Xylenes	11.798	106	22063	9.367	ug/l	94
69) o-Xylene	12.116	106	10336	4.739	ug/l	93
70) Styrene	12.139	104	14783	4.459	ug/l	95
71) Bromoform	12.298	173	3521	5.154	ug/l #	95
73) Isopropylbenzene	12.422	105	25717	4.735	ug/l	99
74) N-amyl acetate	12.233	43	4875	4.908	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	5626	5.505	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	6037	8.387	ug/l #	100
77) Bromobenzene	12.704	156	6605	5.294	ug/l	85
78) n-propylbenzene	12.763	91	32660	4.961	ug/l	95
79) 2-Chlorotoluene	12.851	91	17615	5.029	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	22966	5.095	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	1617	5.358	ug/l #	84
82) 4-Chlorotoluene	12.945	91	19060	5.059	ug/l	95
83) tert-Butylbenzene	13.163	119	19167	4.857	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	20405	4.560	ug/l	100
85) sec-Butylbenzene	13.345	105	28224	4.881	ug/l	93
86) p-Isopropyltoluene	13.457	119	23996	4.687	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	13912	5.374	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	14298	5.592	ug/l	91
89) n-Butylbenzene	13.786	91	23396	4.812	ug/l	95
90) Hexachloroethane	14.057	117	5408	5.140	ug/l	93
91) 1,2-Dichlorobenzene	13.833	146	11427	5.117	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1032	7.452	ug/l	72
93) 1,2,4-Trichlorobenzene	15.098	180	7356	5.320	ug/l	95
94) Hexachlorobutadiene	15.204	225	3649	4.677	ug/l	86
95) Naphthalene	15.333	128	11139	4.544	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	6220	5.275	ug/l	96

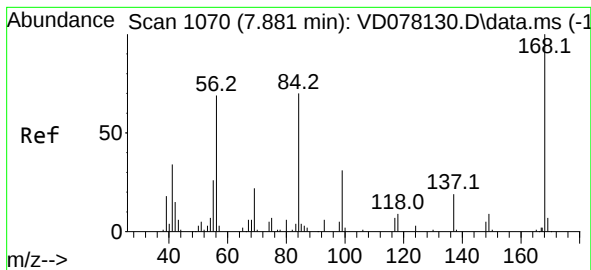
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010824\
Data File : VD078127.D
Acq On : 08 Jan 2024 12:50
Operator : RP/MD
Sample : VSTDICC005
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Jan 09 00:58:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 09 00:46:13 2024
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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

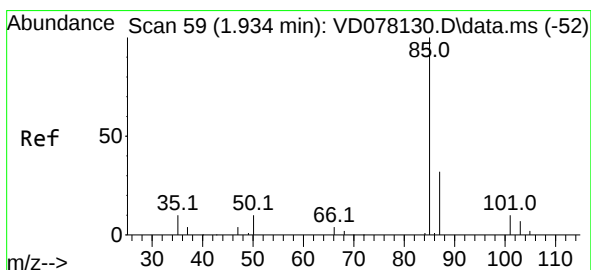
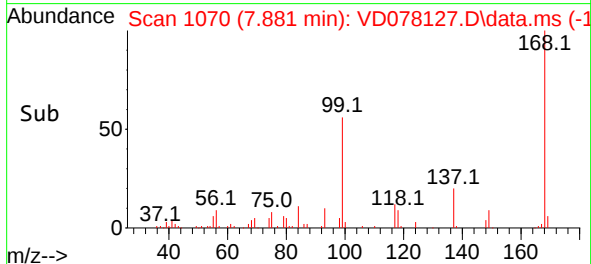
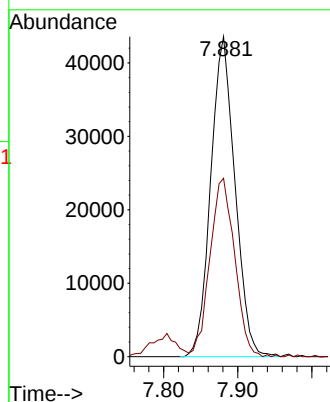
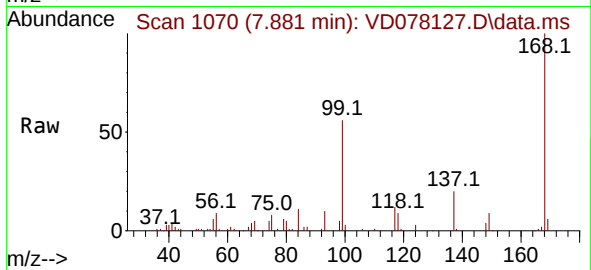
VSTDIC005

Tgt Ion:168 Resp: 98973

Ion Ratio Lower Upper

168 100

99 55.8 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 3.500 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078127.D

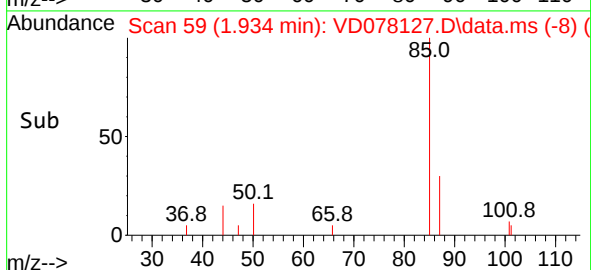
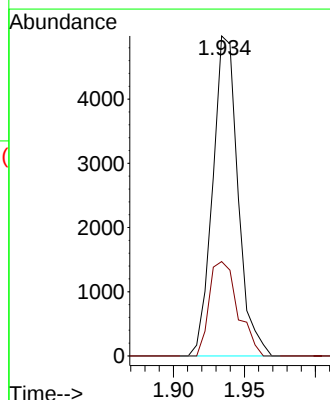
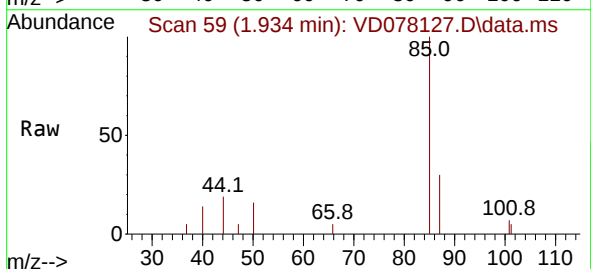
Acq: 08 Jan 2024 12:50

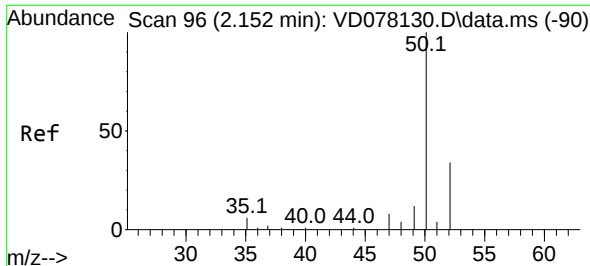
Tgt Ion: 85 Resp: 6187

Ion Ratio Lower Upper

85 100

87 29.5 15.7 47.0

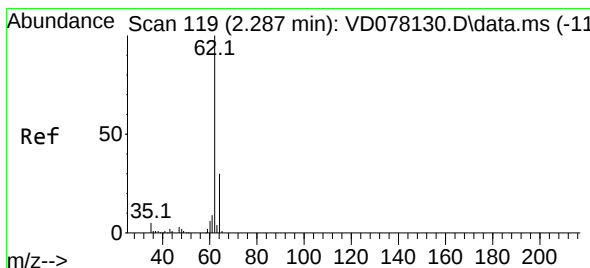
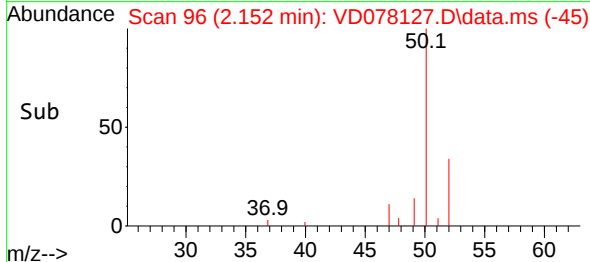
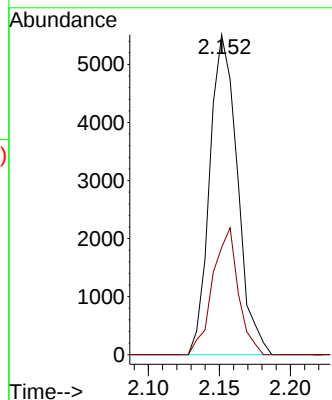
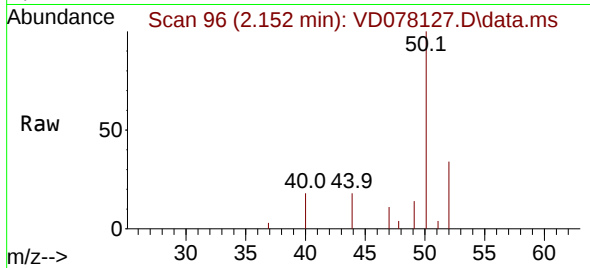




#3
Chloromethane
Concen: 5.937 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

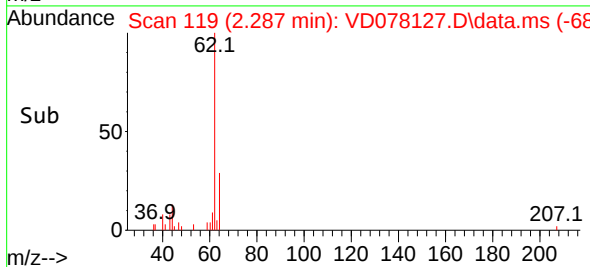
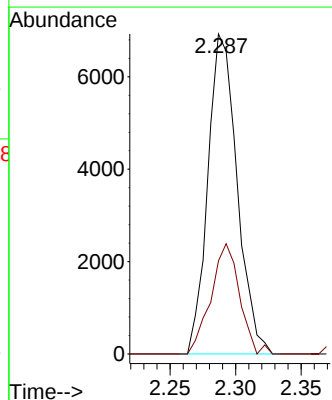
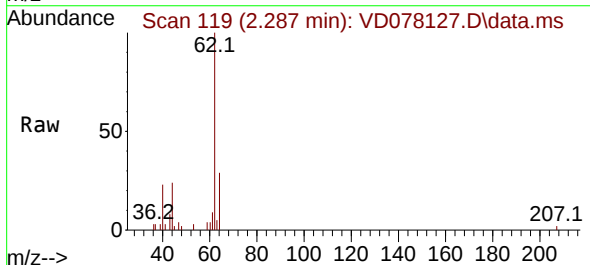
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

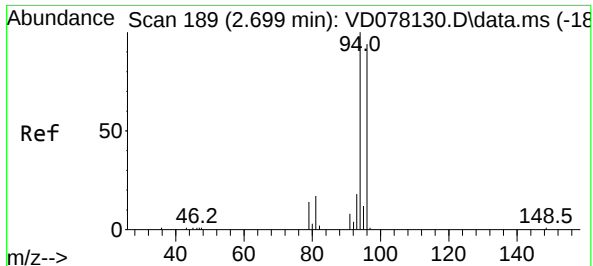
Tgt Ion: 50 Resp: 7472
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0



#4
Vinyl Chloride
Concen: 6.068 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 62 Resp: 10739
Ion Ratio Lower Upper
62 100
64 29.0 26.0 39.0

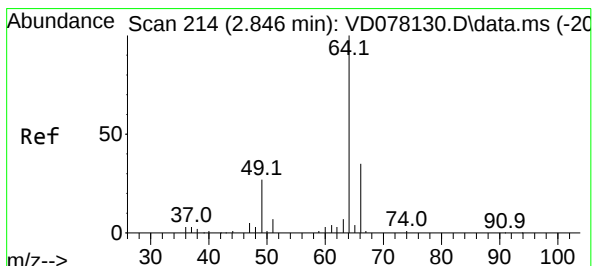
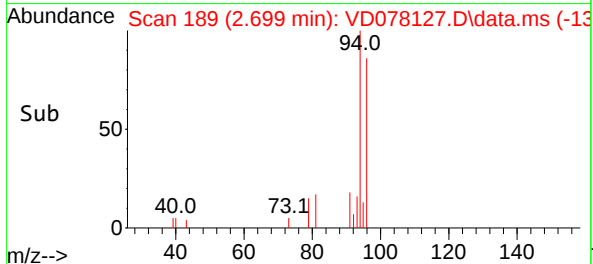
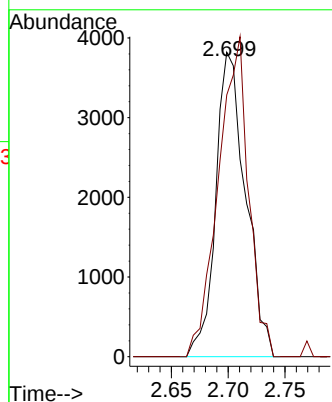
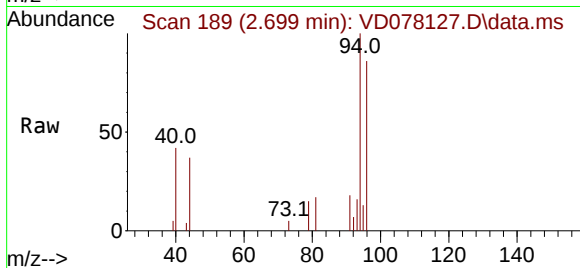




#5
Bromomethane
Concen: 5.141 ug/l
RT: 2.699 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

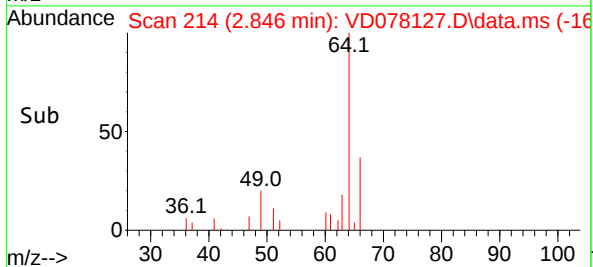
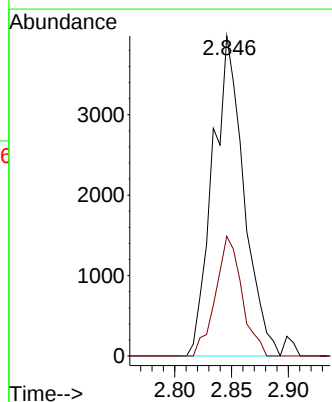
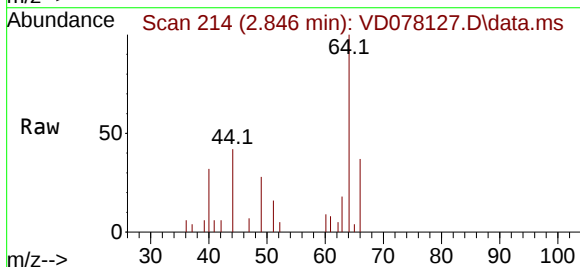
Instrument :
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ClientSampleId :
VSTDIC005

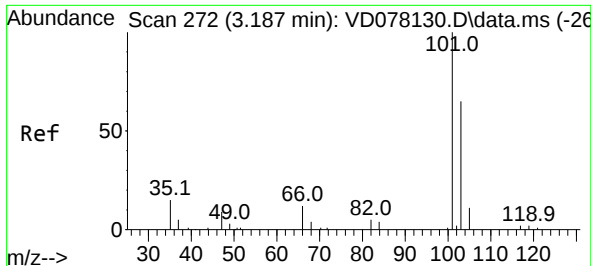
Tgt Ion: 94 Resp: 6985
Ion Ratio Lower Upper
94 100
96 106.5 75.8 113.8



#6
Chloroethane
Concen: 5.794 ug/l
RT: 2.846 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 64 Resp: 7614
Ion Ratio Lower Upper
64 100
66 37.4 25.5 38.3

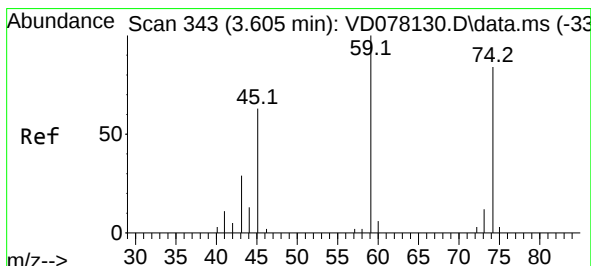
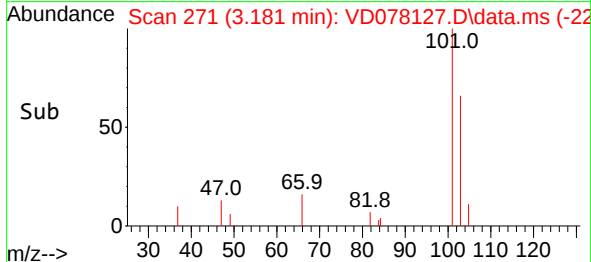
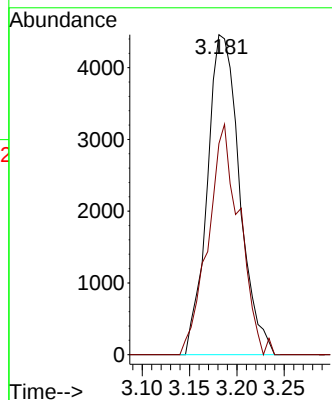
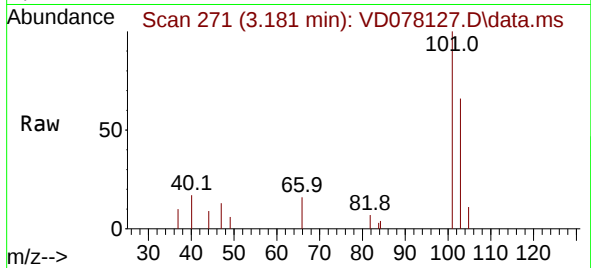




#7
 Trichlorofluoromethane
 Concen: 5.436 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078127.D
 Acq: 08 Jan 2024 12:50

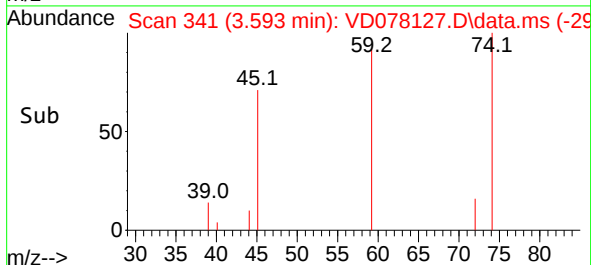
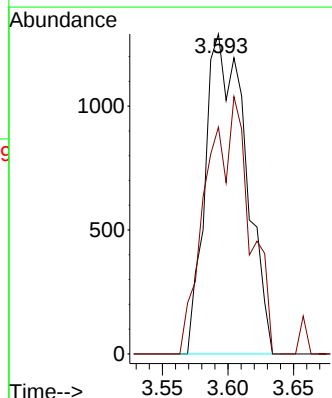
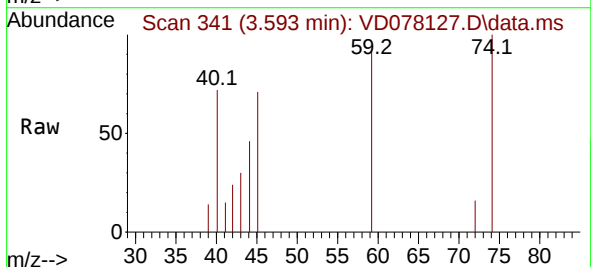
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 ClientSampleId :
 VSTDIC005

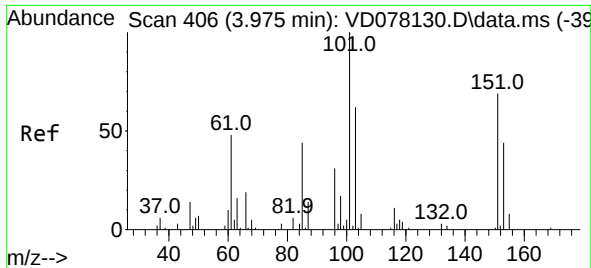
Tgt Ion:101 Resp: 10572
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 5.416 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.012 min
 Lab File: VD078127.D
 Acq: 08 Jan 2024 12:50

Tgt Ion: 74 Resp: 2762
 Ion Ratio Lower Upper
 74 100
 45 86.2 37.5 112.7

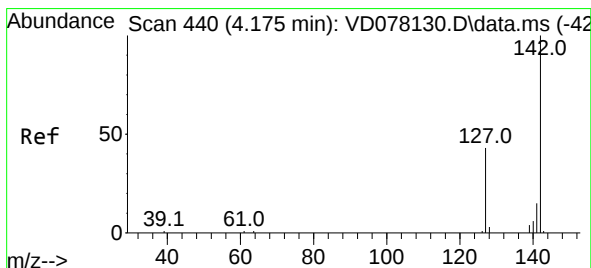
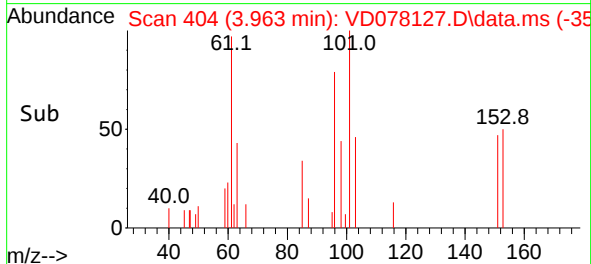
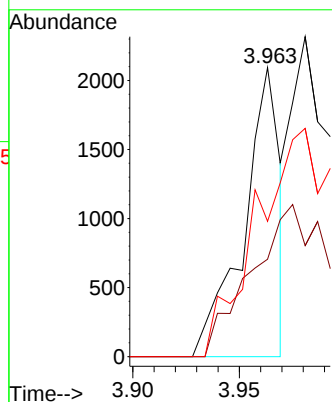
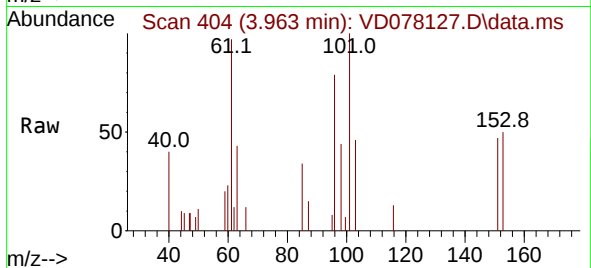




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.145 ug/l
RT: 3.963 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

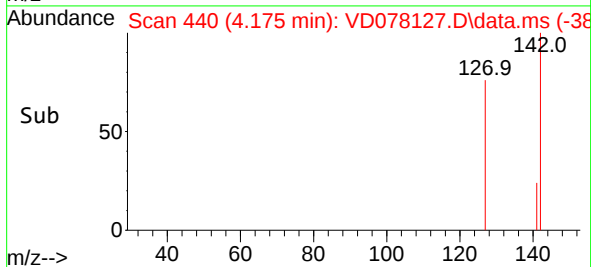
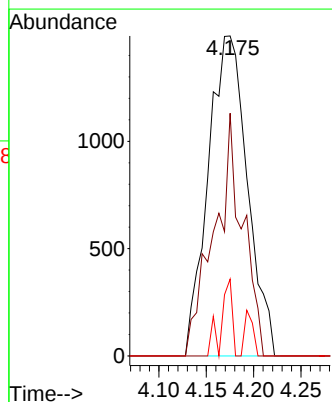
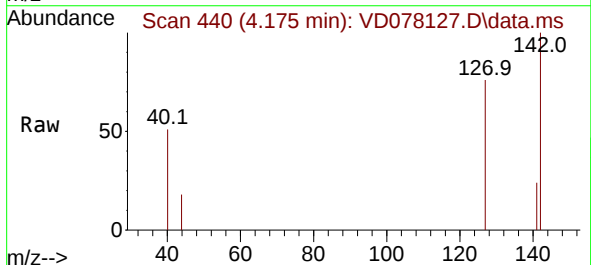
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

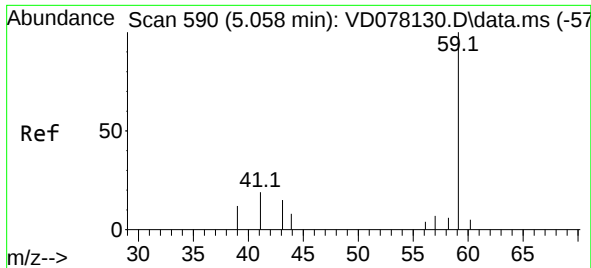
Tgt Ion:101 Resp: 2480
Ion Ratio Lower Upper
101 100
85 112.8 33.8 50.6#
151 180.6 59.8 89.6#



#10
Methyl Iodide
Concen: 4.976 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion:142 Resp: 4299
Ion Ratio Lower Upper
142 100
127 55.1 29.4 44.0#
141 6.8 11.1 16.7#

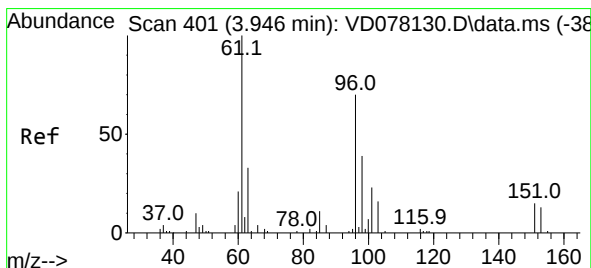
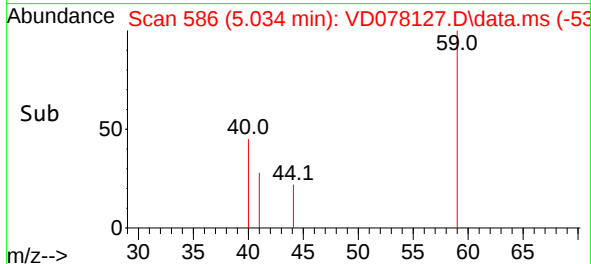
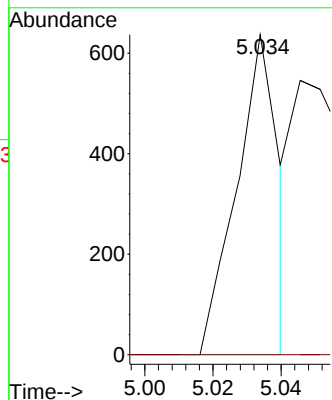
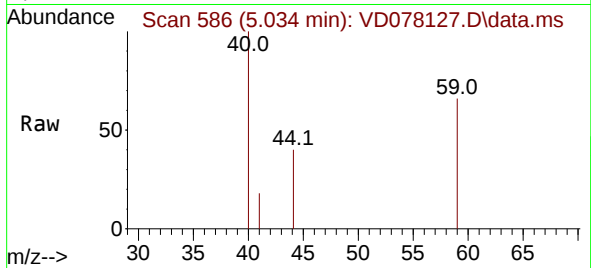




#11
Tert butyl alcohol
Concen: 10.361 ug/l
RT: 5.034 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

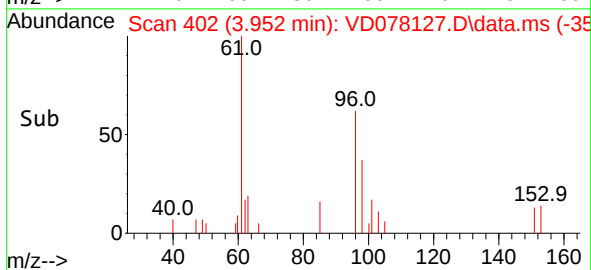
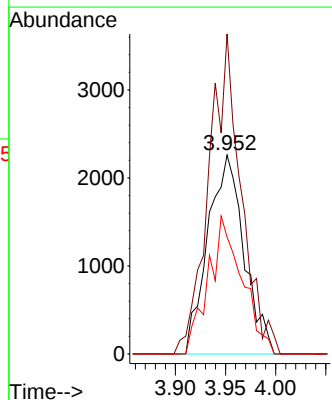
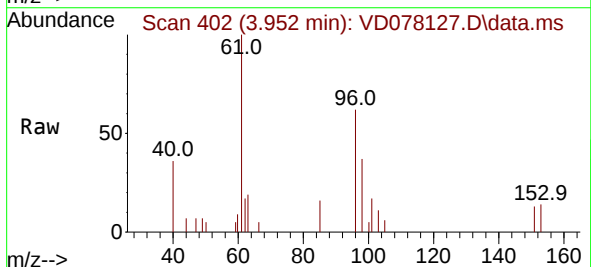
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

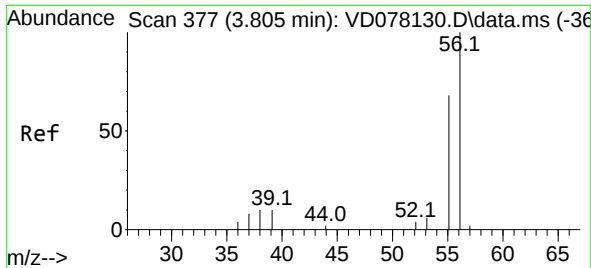
Tgt Ion: 59 Resp: 550
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 5.792 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.006 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 96 Resp: 5669
Ion Ratio Lower Upper
96 100
61 160.9 100.6 150.8#
98 58.8 50.2 75.2





#13

Acrolein

Concen: 10.346 ug/l

RT: 3.816 min Scan# 31

Delta R.T. 0.011 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

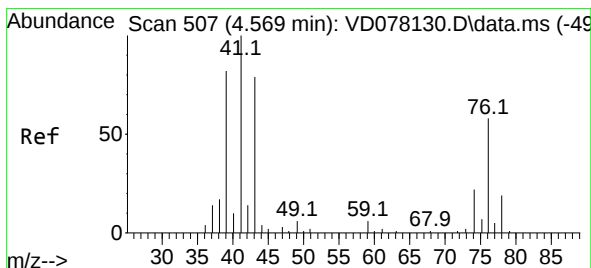
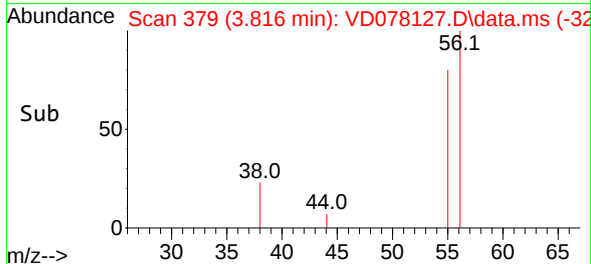
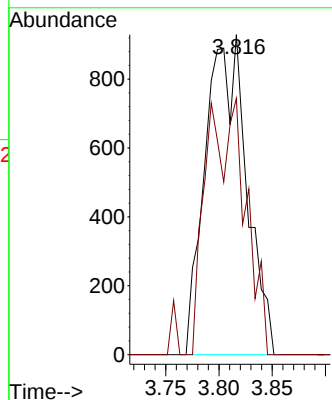
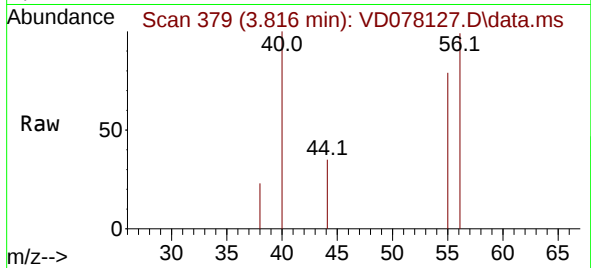
VSTDIC005

Tgt Ion: 56 Resp: 2488

Ion Ratio Lower Upper

56 100

55 0.0 55.1 82.7#



#14

Allyl chloride

Concen: 5.956 ug/l

RT: 4.569 min Scan# 507

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

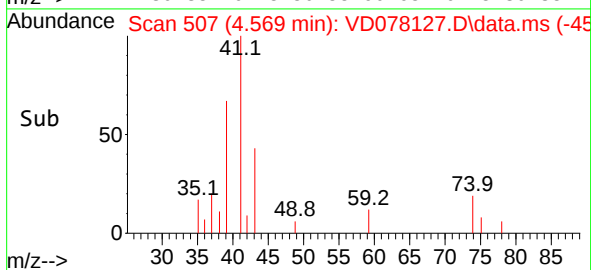
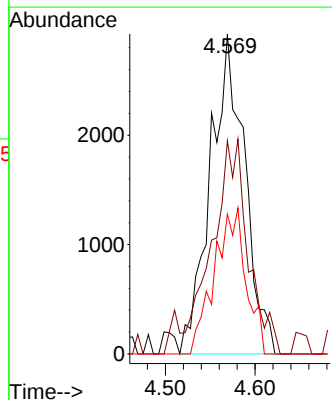
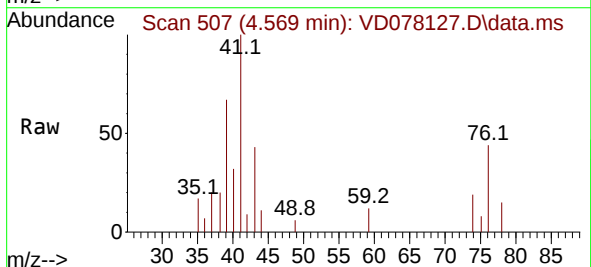
Tgt Ion: 41 Resp: 7788

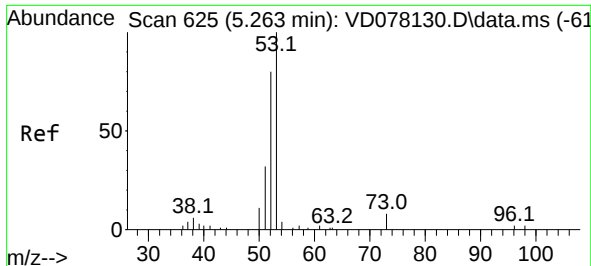
Ion Ratio Lower Upper

41 100

39 70.4 53.8 80.6

76 42.0 45.8 68.8#

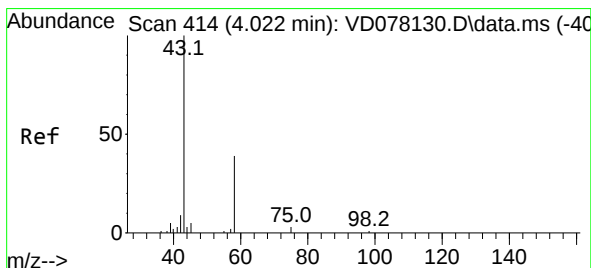
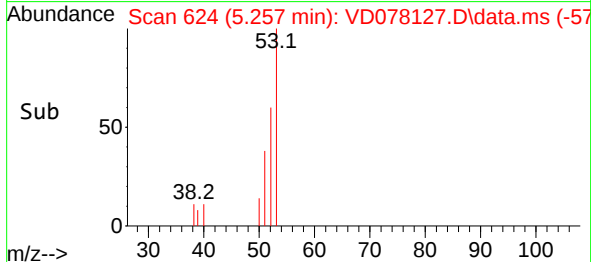
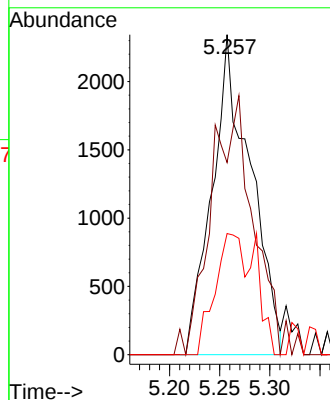
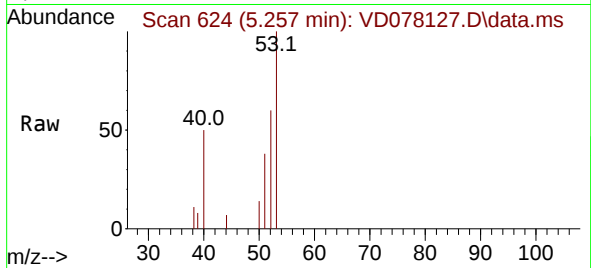




#15
Acrylonitrile
Concen: 26.151 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

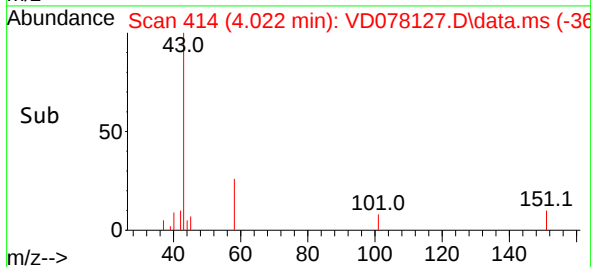
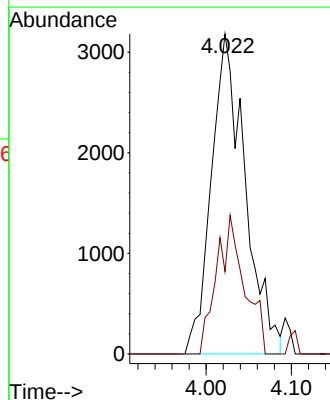
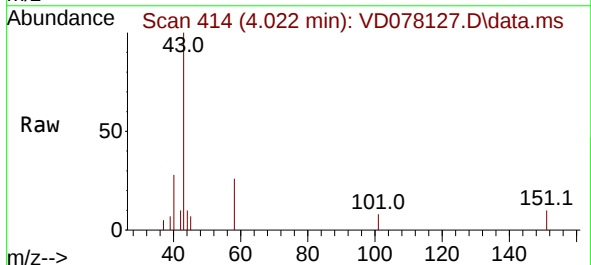
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

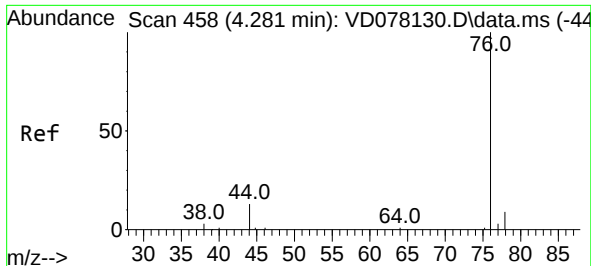
Tgt Ion:	53	Resp:	6239
Ion	Ratio	Lower	Upper
53	100		
52	90.4	65.0	97.4
51	39.5	28.3	42.5



#16
Acetone
Concen: 11.735 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion:	43	Resp:	8742
Ion	Ratio	Lower	Upper
43	100		
58	25.8	34.7	52.1#

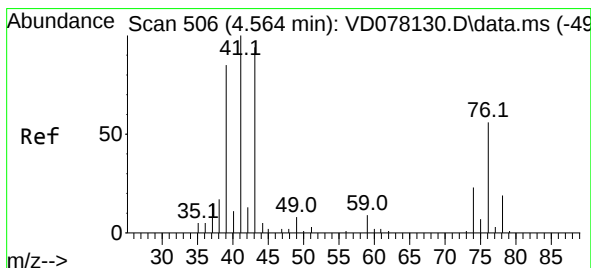
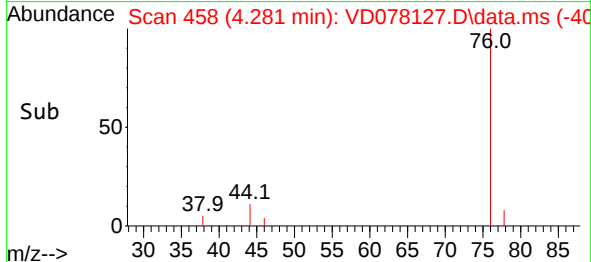
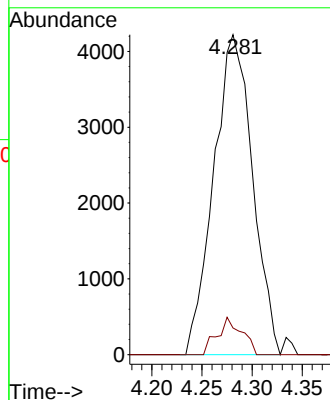
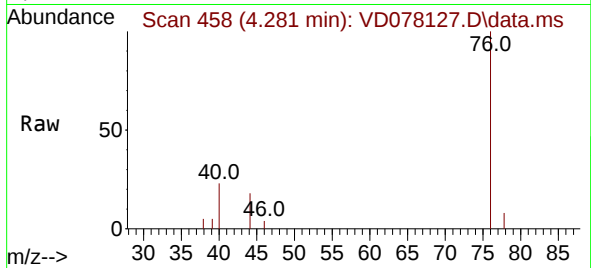




#17
Carbon Disulfide
Concen: 5.217 ug/l
RT: 4.281 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

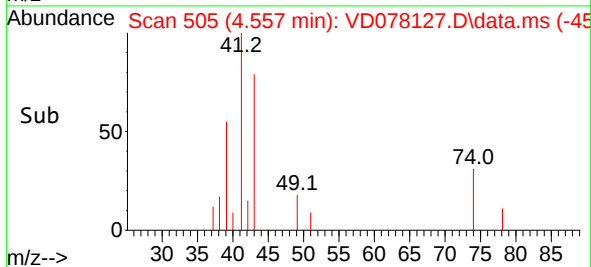
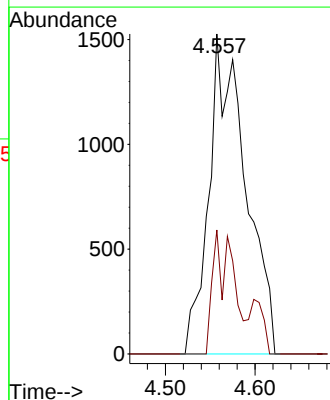
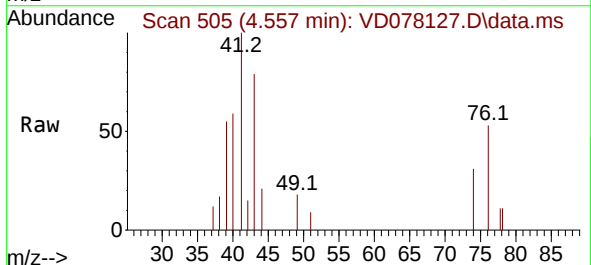
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

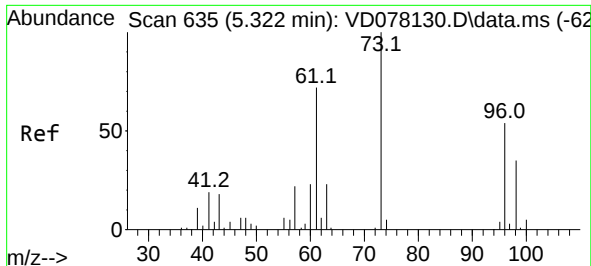
Tgt Ion: 76 Resp: 11382
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 4.607 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 43 Resp: 4321
Ion Ratio Lower Upper
43 100
74 9.7 26.4 39.6#

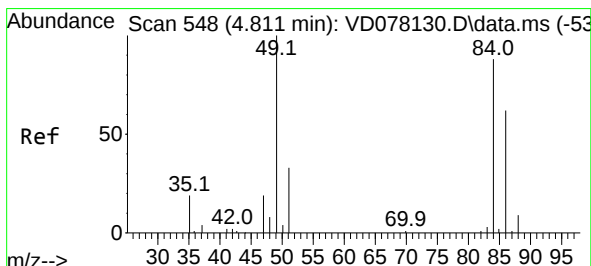
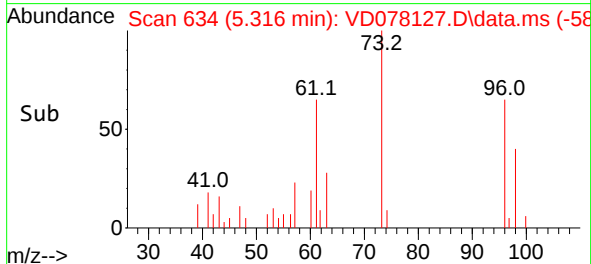
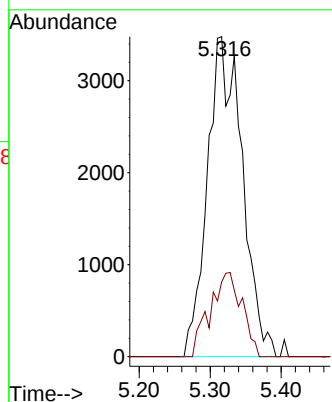
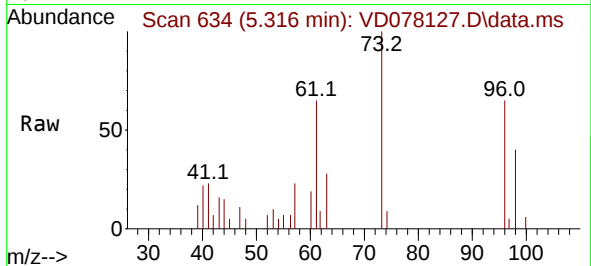




#19
Methyl tert-butyl Ether
Concen: 5.016 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

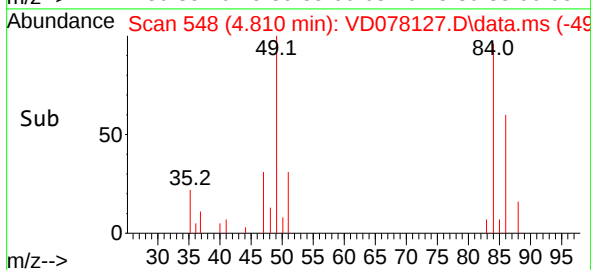
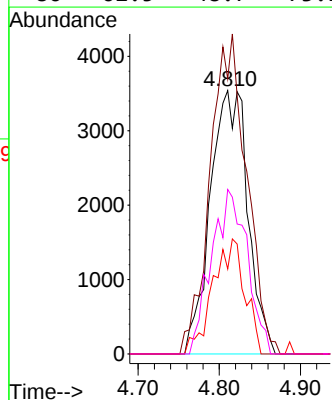
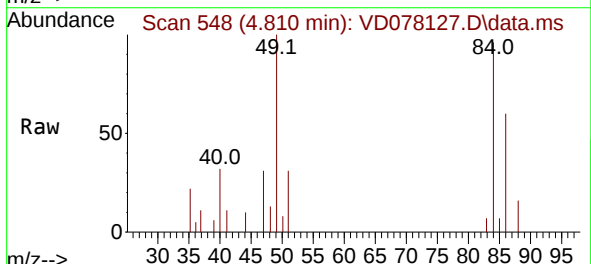
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

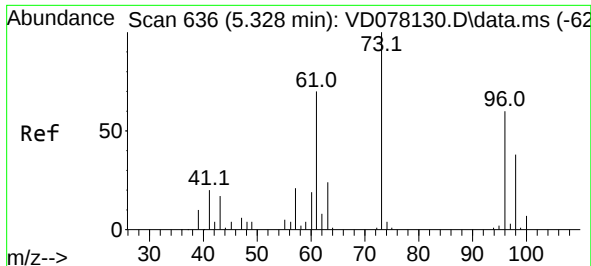
Tgt Ion: 73 Resp: 11828
Ion Ratio Lower Upper
73 100
57 23.3 16.6 25.0



#20
Methylene Chloride
Concen: 2.824 ug/l
RT: 4.810 min Scan# 548
Delta R.T. -0.001 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 84 Resp: 11400
Ion Ratio Lower Upper
84 100
49 104.4 71.4 107.2
51 32.3 24.5 36.7
86 62.5 48.7 73.1

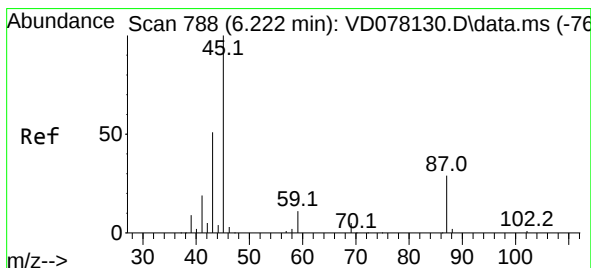
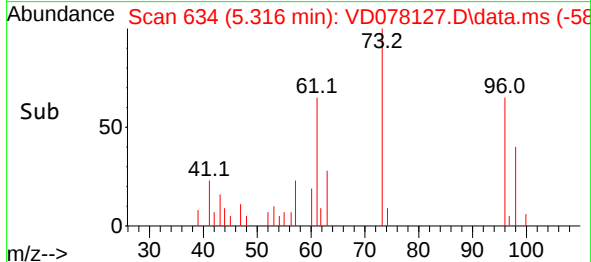
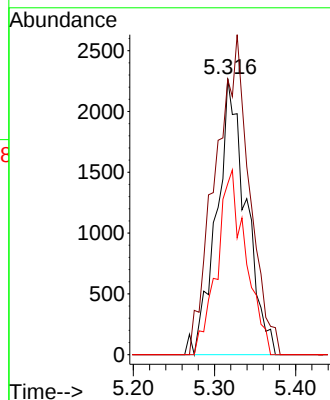
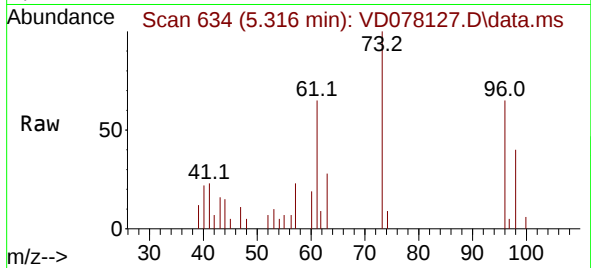




#21
trans-1,2-Dichloroethene
Concen: 5.156 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

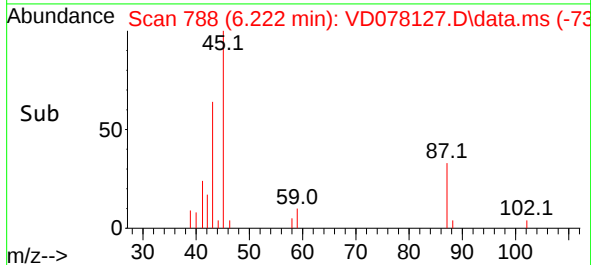
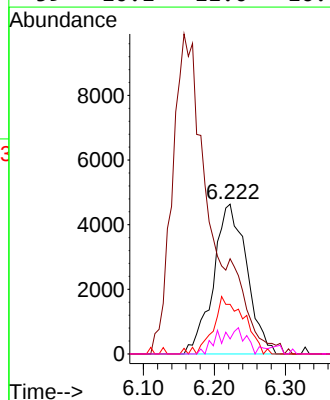
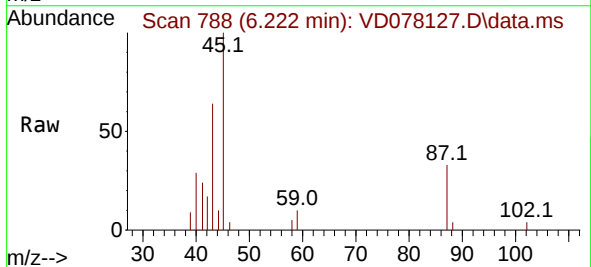
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

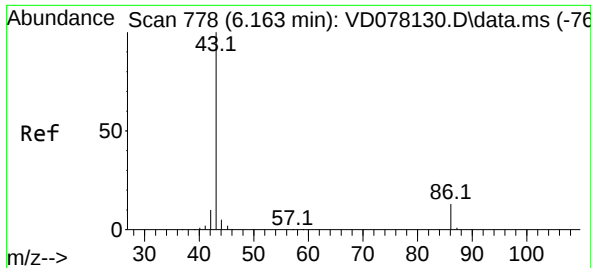
Tgt Ion: 96 Resp: 5744
Ion Ratio Lower Upper
96 100
61 99.7 89.3 133.9
98 61.9 48.6 73.0



#22
Diisopropyl ether
Concen: 4.909 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 45 Resp: 15094
Ion Ratio Lower Upper
45 100
43 56.6 40.0 60.0
87 33.1 28.2 42.4
59 10.1 11.0 16.4#

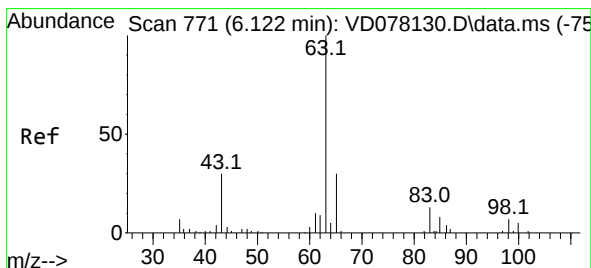
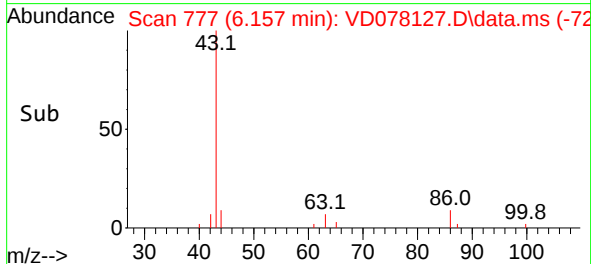
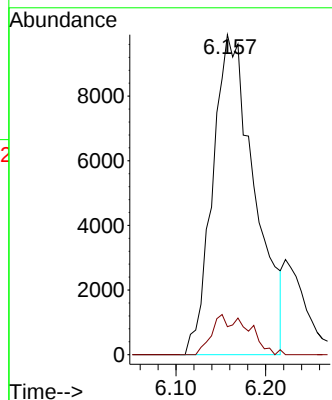
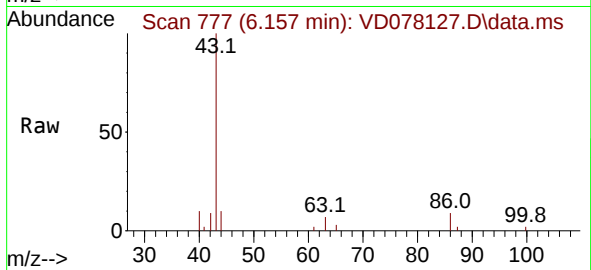




#23
 Vinyl Acetate
 Concen: 22.672 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078127.D
 Acq: 08 Jan 2024 12:50

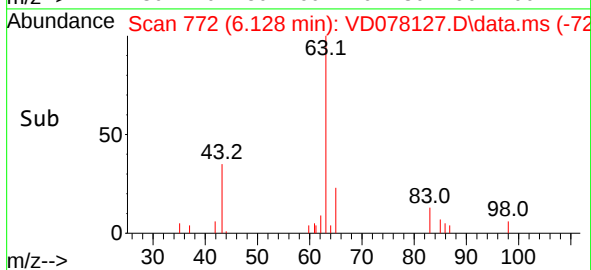
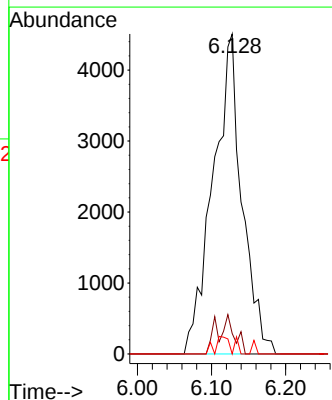
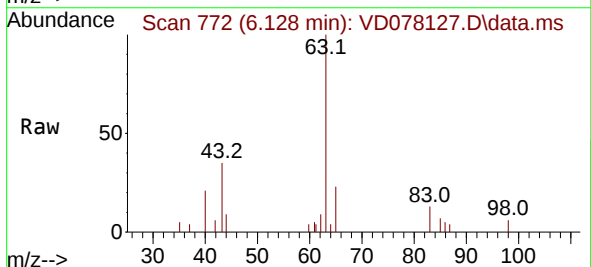
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

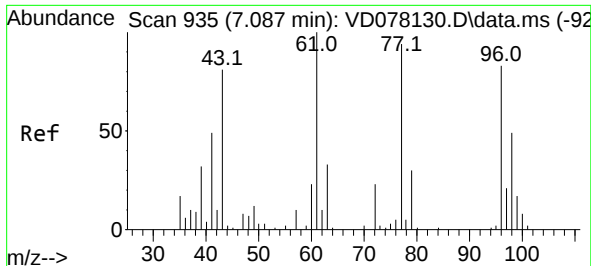
Tgt Ion: 43 Resp: 32099
 Ion Ratio Lower Upper
 43 100
 86 8.7 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 5.708 ug/l
 RT: 6.128 min Scan# 772
 Delta R.T. 0.006 min
 Lab File: VD078127.D
 Acq: 08 Jan 2024 12:50

Tgt Ion: 63 Resp: 12245
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.5 13.7
 100 0.0 2.5 7.5#





#25

2-Butanone

Concen: 29.216 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

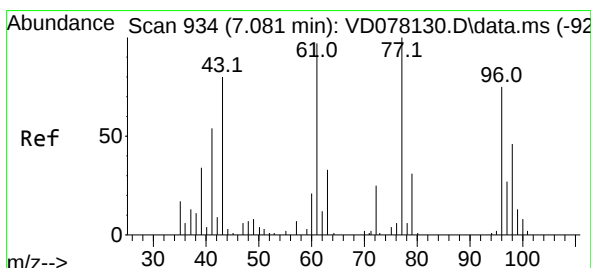
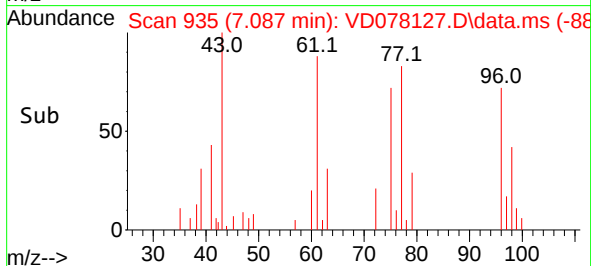
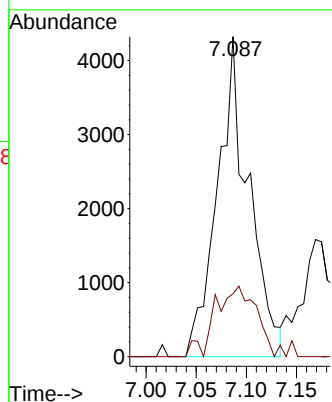
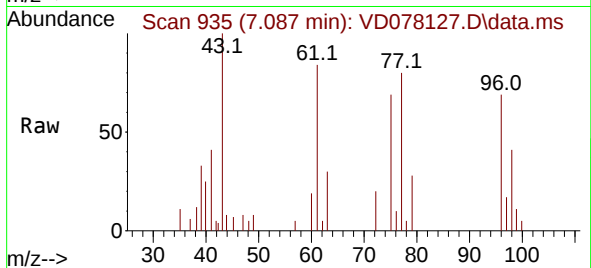
VSTDIC005

Tgt Ion: 43 Resp: 9404

Ion Ratio Lower Upper

43 100

72 19.6 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 3.227 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.012 min

Lab File: VD078127.D

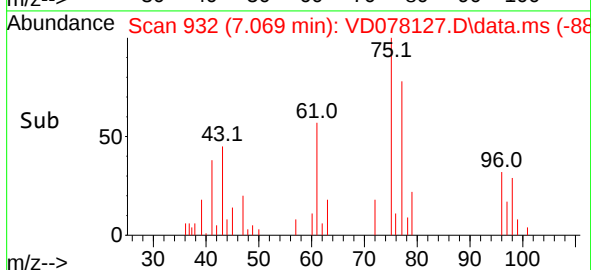
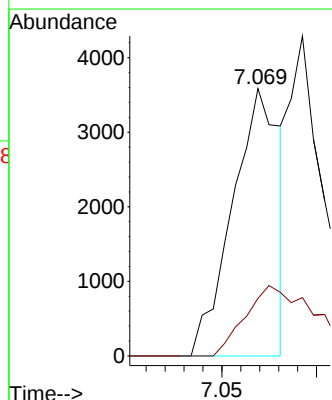
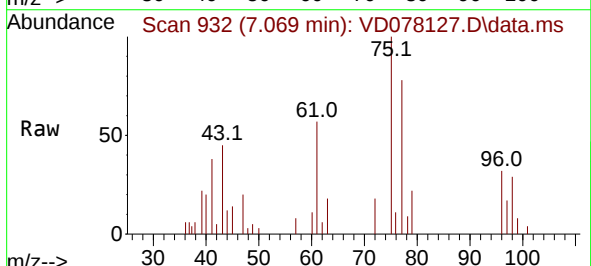
Acq: 08 Jan 2024 12:50

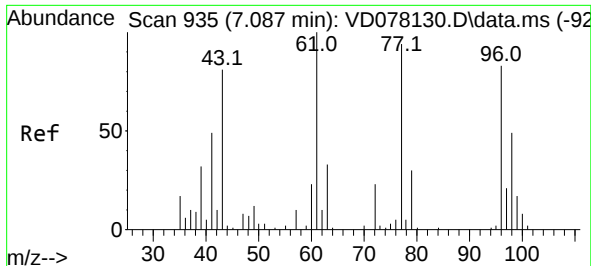
Tgt Ion: 77 Resp: 6192

Ion Ratio Lower Upper

77 100

97 38.2 13.2 39.6

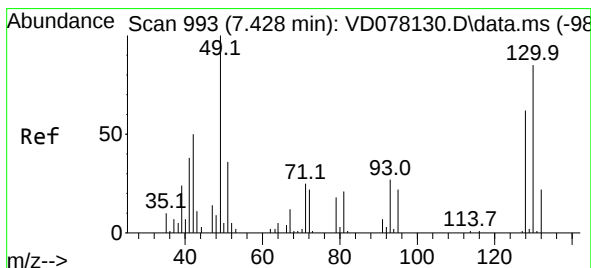
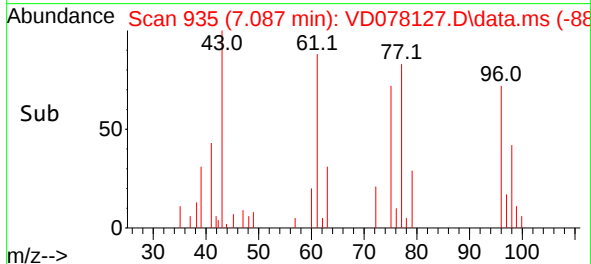
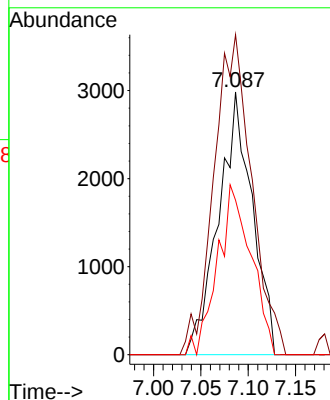
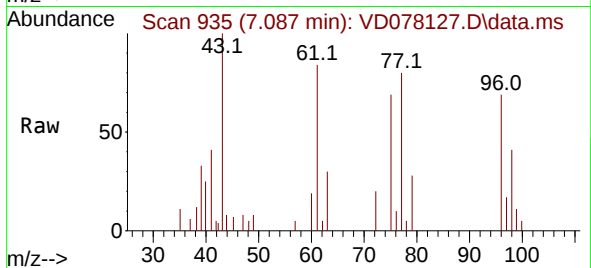




#27
 cis-1,2-Dichloroethene
 Concen: 5.387 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078127.D
 Acq: 08 Jan 2024 12:50

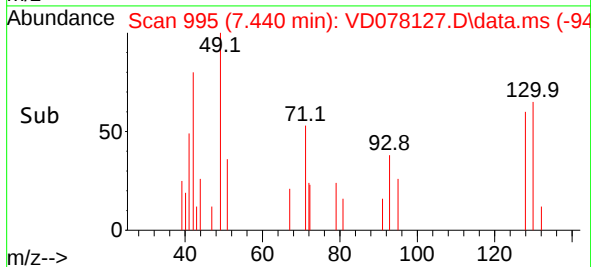
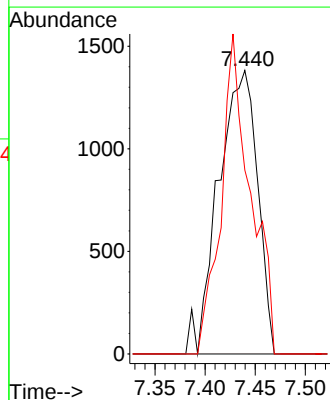
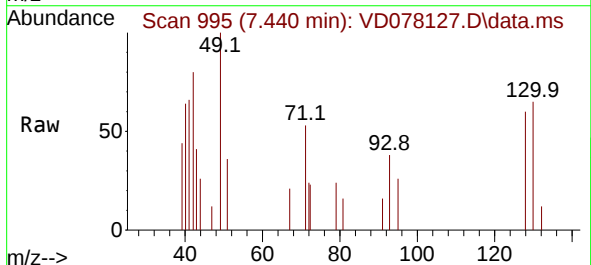
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

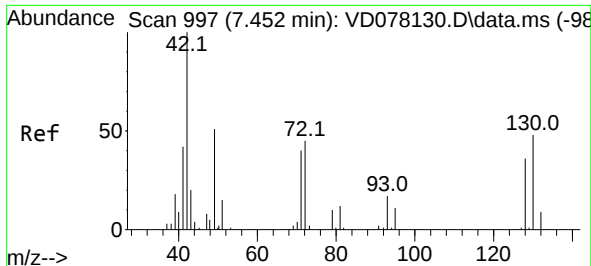
Tgt Ion: 96	Resp:	7378	
Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	239.2
98	64.4	0.0	128.6



#28
 Bromochloromethane
 Concen: 4.812 ug/l
 RT: 7.440 min Scan# 995
 Delta R.T. 0.011 min
 Lab File: VD078127.D
 Acq: 08 Jan 2024 12:50

Tgt Ion: 49	Resp:	3743	
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.0
130	84.7	83.2	124.8





#29

Tetrahydrofuran

Concen: 25.441 ug/l

RT: 7.451 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

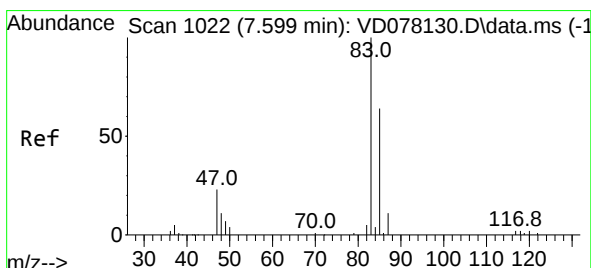
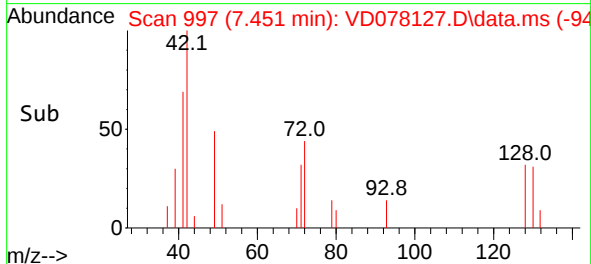
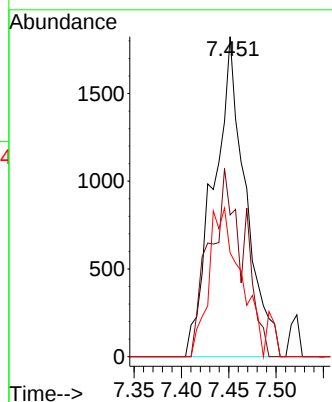
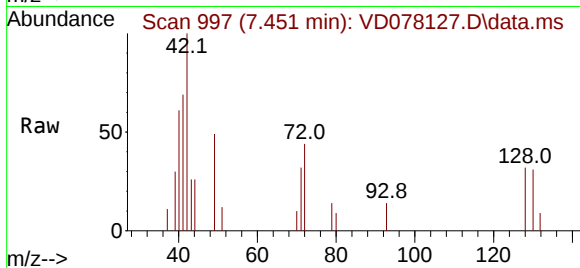
Tgt Ion: 42 Resp: 4296

Ion Ratio Lower Upper

42 100

72 61.9 46.5 69.7

71 45.8 44.5 66.7



#30

Chloroform

Concen: 5.438 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VD078127.D

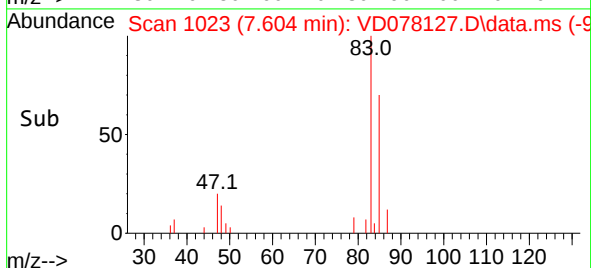
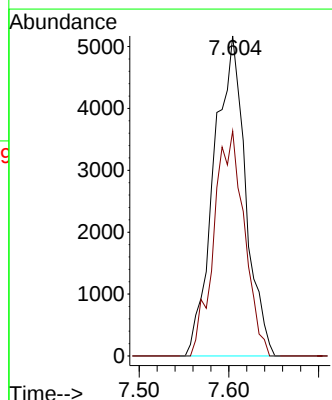
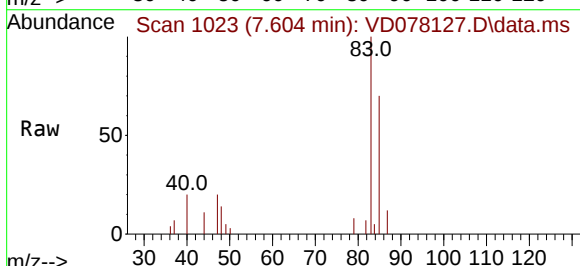
Acq: 08 Jan 2024 12:50

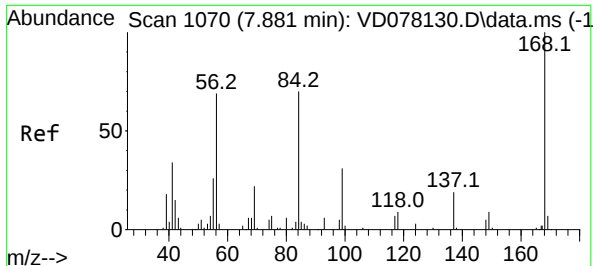
Tgt Ion: 83 Resp: 12645

Ion Ratio Lower Upper

83 100

85 70.3 53.4 80.2





#31

Cyclohexane

Concen: 6.320 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

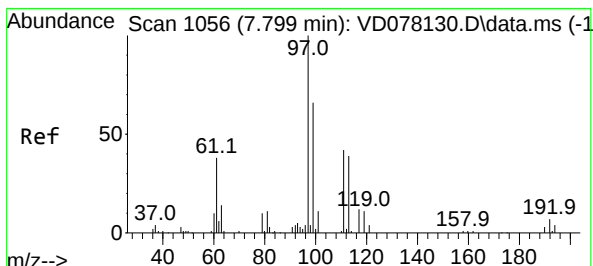
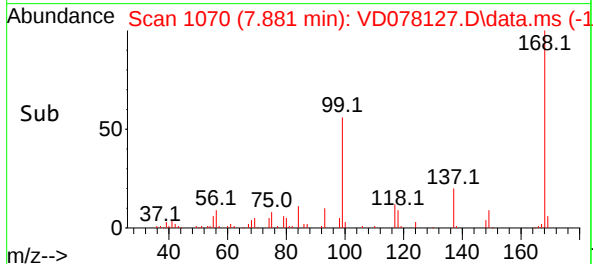
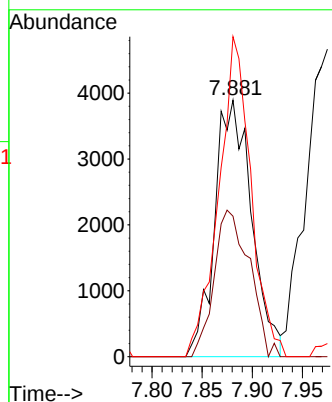
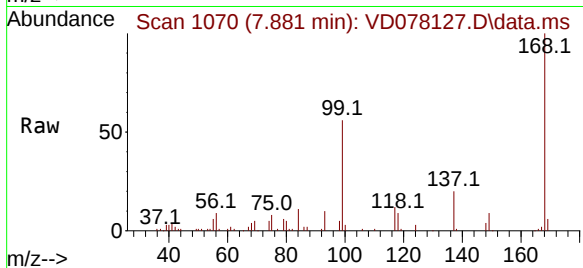
Tgt Ion: 56 Resp: 9964

Ion Ratio Lower Upper

56 100

69 54.7 28.6 43.0#

84 124.8 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 5.623 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

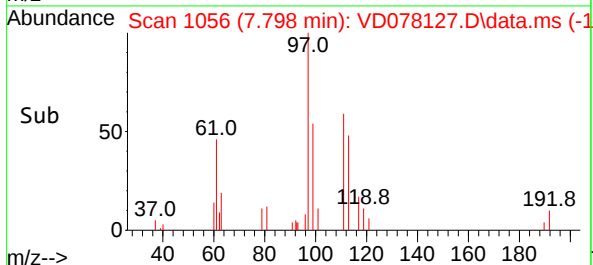
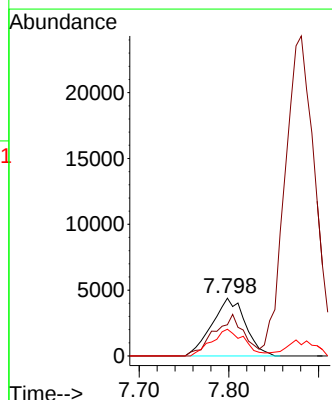
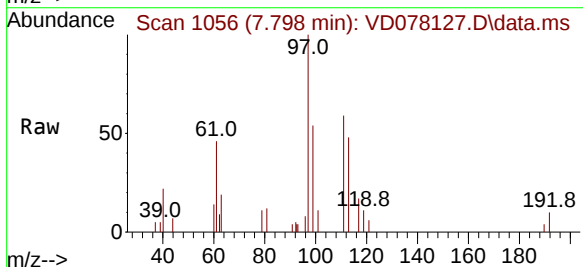
Tgt Ion: 97 Resp: 11310

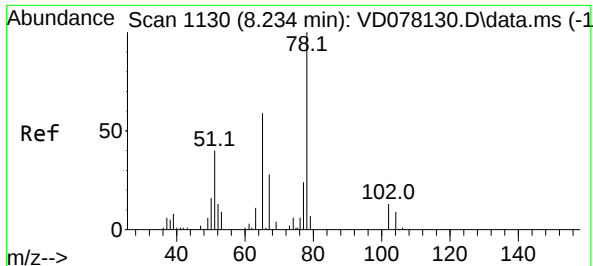
Ion Ratio Lower Upper

97 100

99 64.1 52.0 78.0

61 44.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 5.698 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

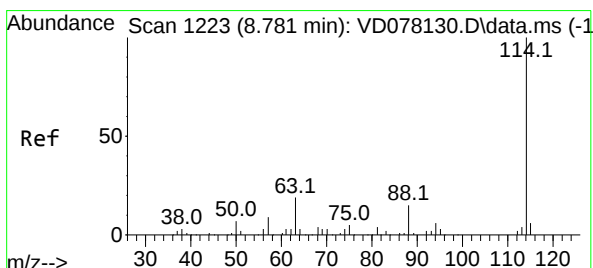
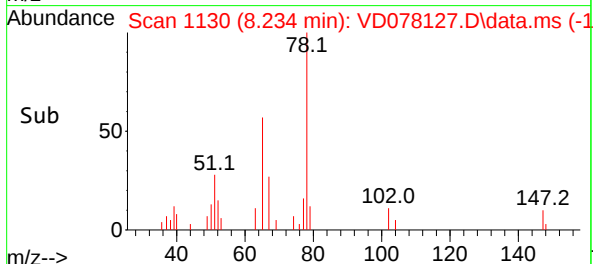
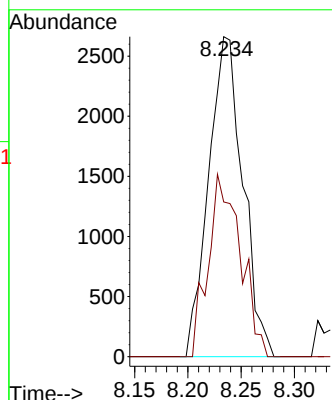
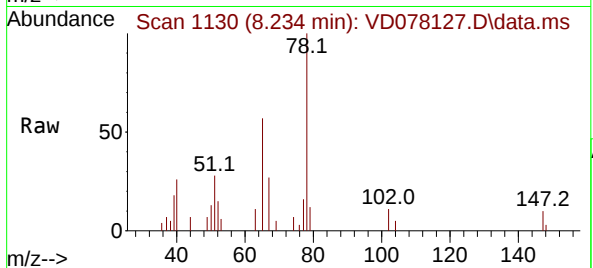
VSTDIC005

Tgt Ion: 65 Resp: 5937

Ion Ratio Lower Upper

65 100

67 53.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

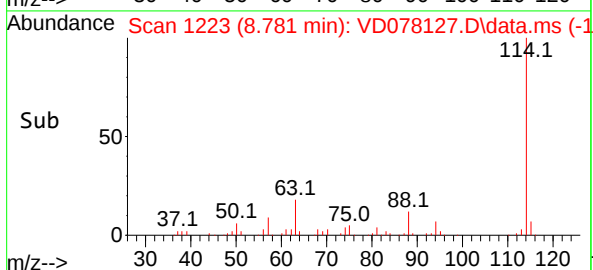
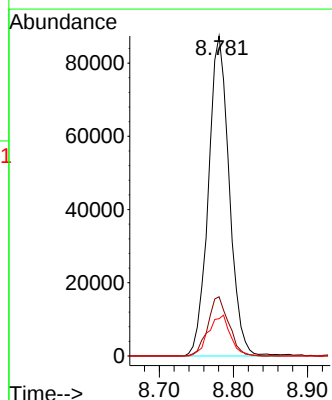
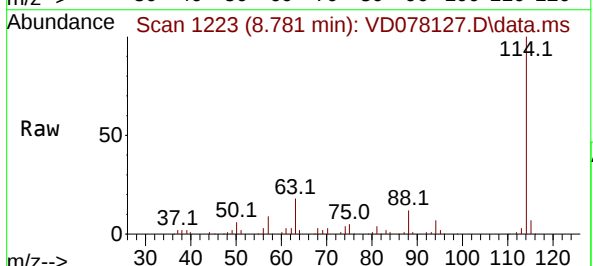
Tgt Ion: 114 Resp: 171061

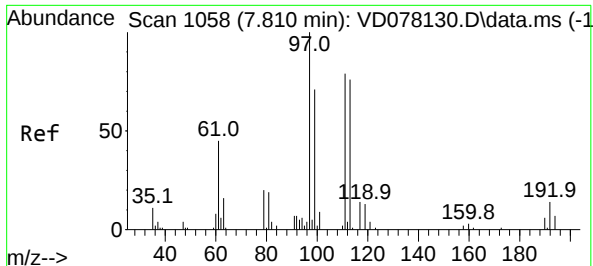
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 11.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 5.438 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

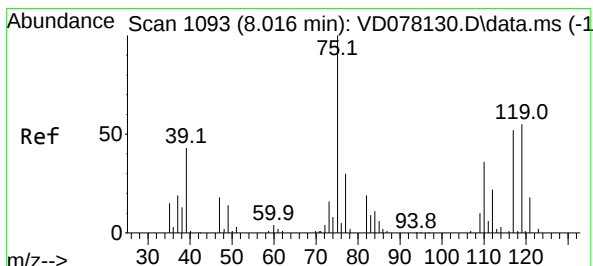
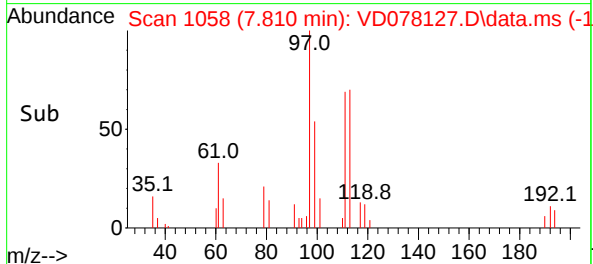
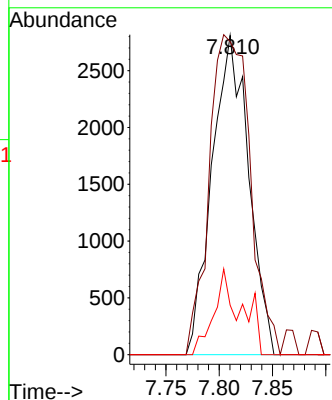
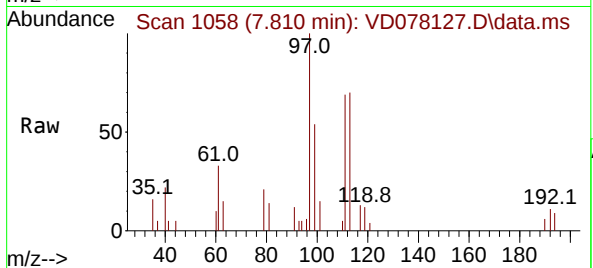
Tgt Ion:113 Resp: 6704

Ion Ratio Lower Upper

113 100

111 111.9 84.7 127.1

192 13.3 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 4.804 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

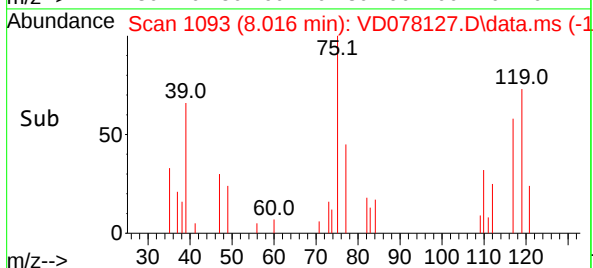
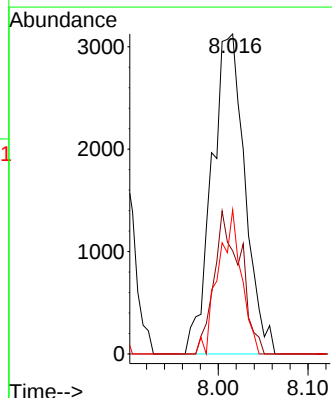
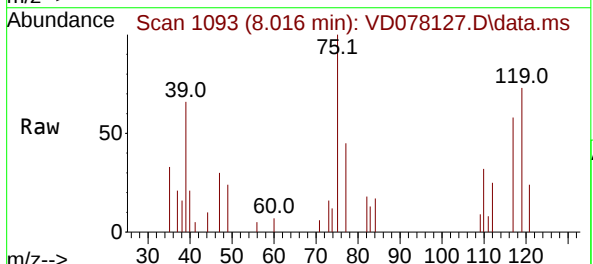
Tgt Ion: 75 Resp: 7997

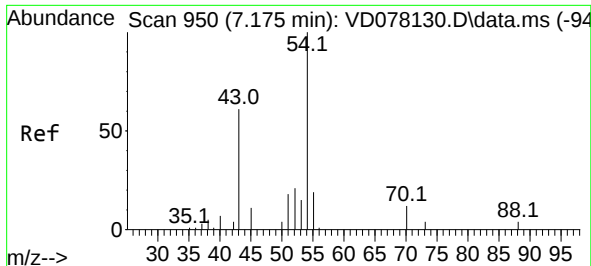
Ion Ratio Lower Upper

75 100

110 35.9 19.9 59.6

77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 6.096 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

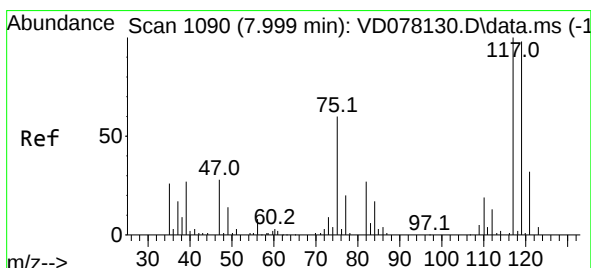
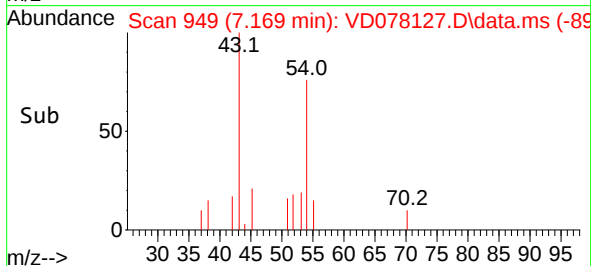
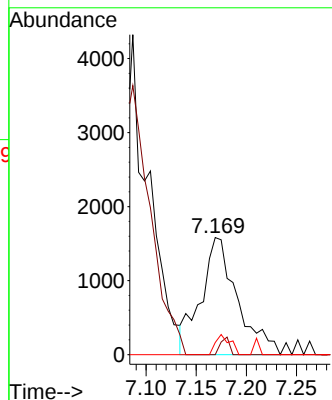
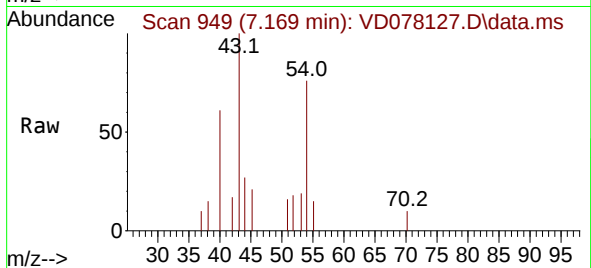
Tgt Ion: 43 Resp: 3994

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

70 6.9 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 5.126 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

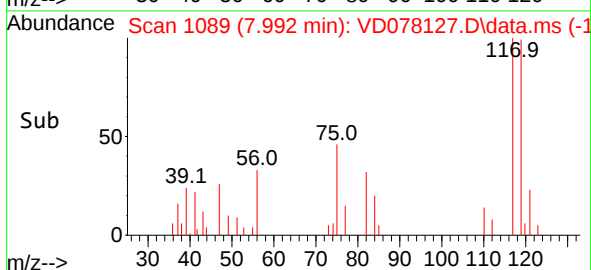
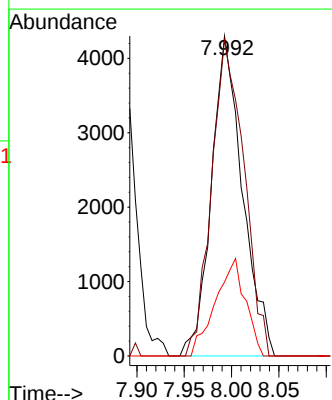
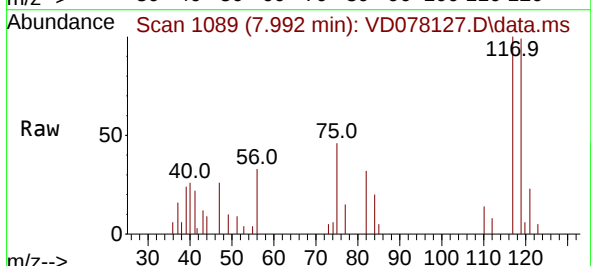
Tgt Ion: 117 Resp: 9827

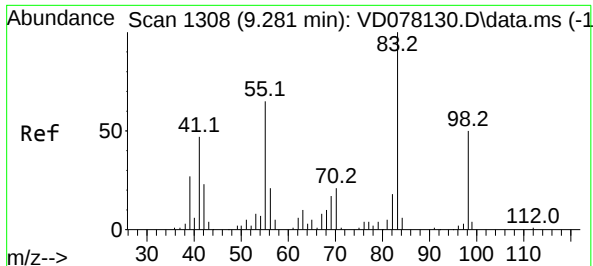
Ion Ratio Lower Upper

117 100

119 98.8 78.0 117.0

121 23.1 24.2 36.2#

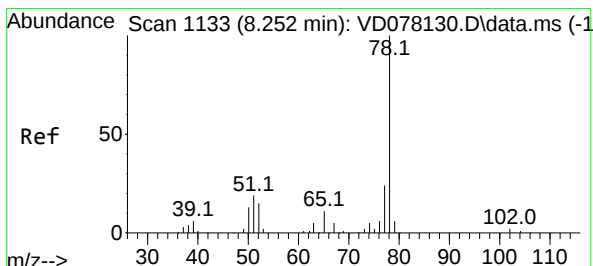
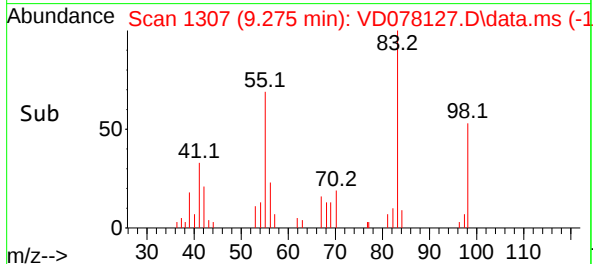
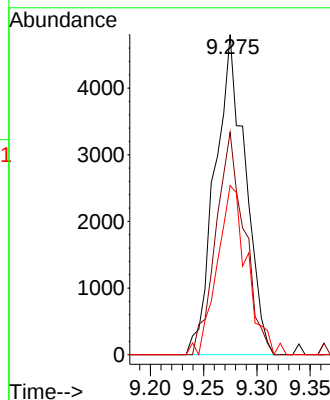
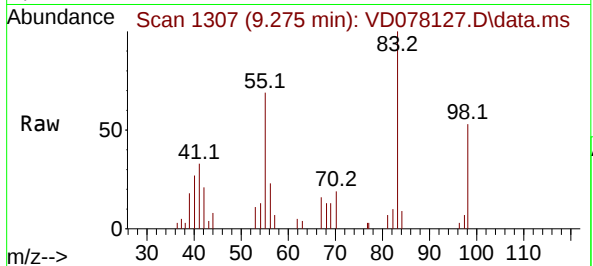




#39
Methylcyclohexane
Concen: 5.181 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.006 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

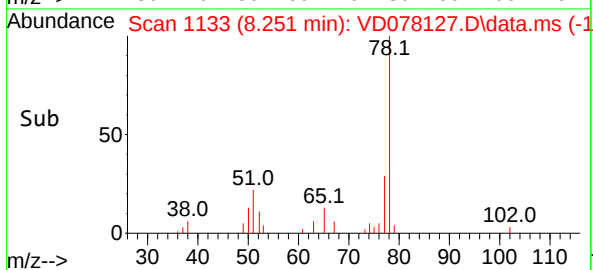
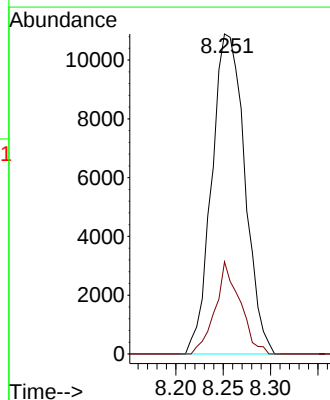
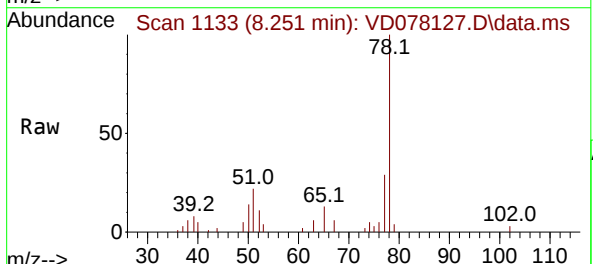
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

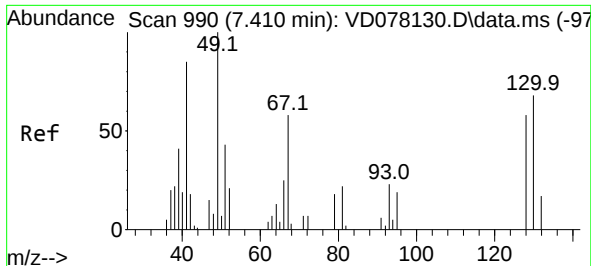
Tgt Ion: 83	Resp: 9491
Ion Ratio	Lower Upper
83 100	
55 69.5	49.4 74.0
98 52.9	38.4 57.6



#40
Benzene
Concen: 5.315 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 78	Resp: 26408
Ion Ratio	Lower Upper
78 100	
77 28.8	19.4 29.0

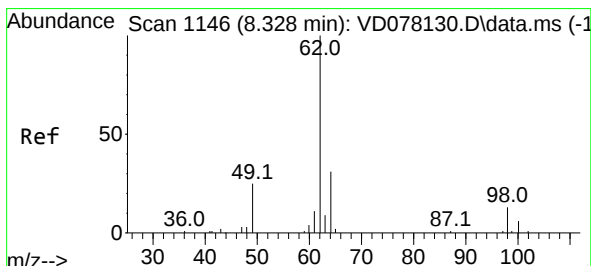
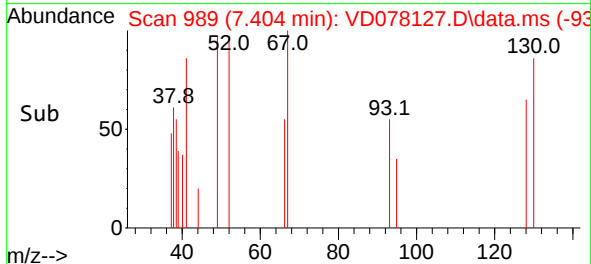
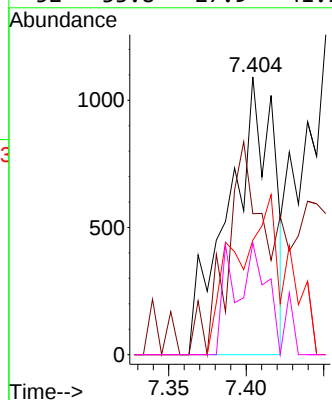
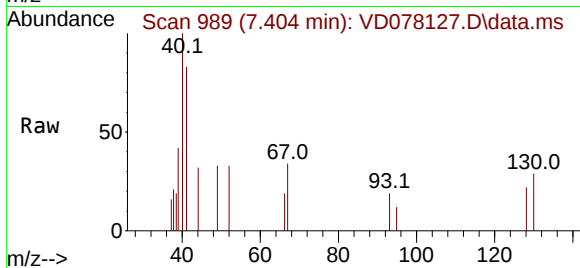




#41
Methacrylonitrile
Concen: 5.895 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

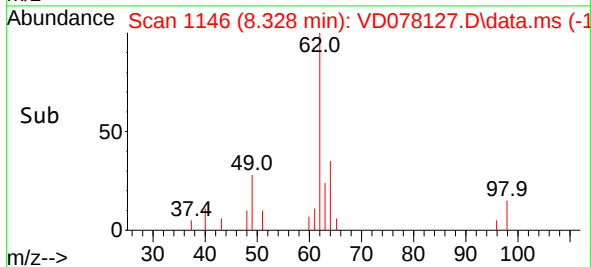
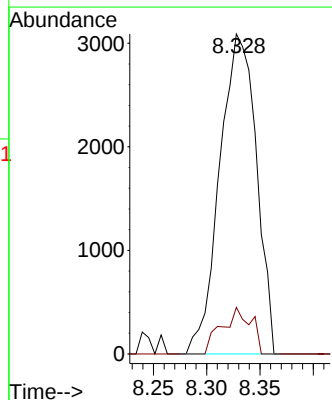
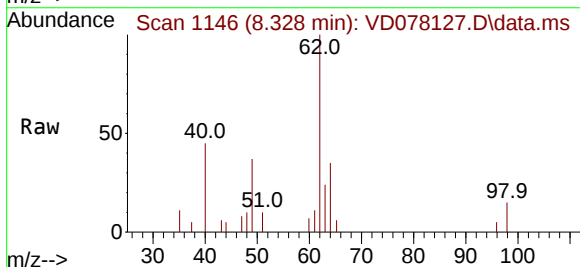
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

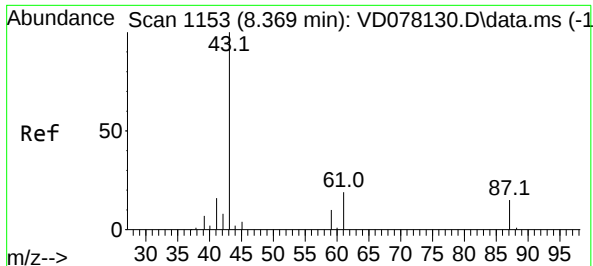
Tgt Ion:	41	Resp:	2206
Ion	Ratio	Lower	Upper
41	100		
39	59.8	34.0	51.0#
67	22.1	77.0	115.4#
52	33.8	27.9	41.9



#42
1,2-Dichloroethane
Concen: 5.293 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion:	62	Resp:	7401
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	25.4





#43

Isopropyl Acetate

Concen: 5.349 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.012 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

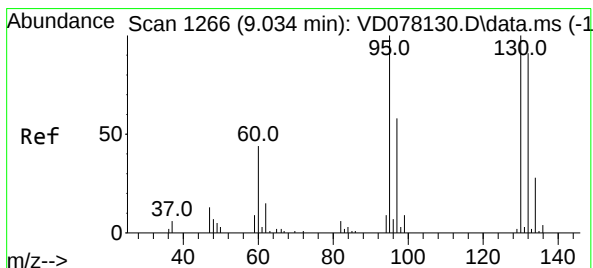
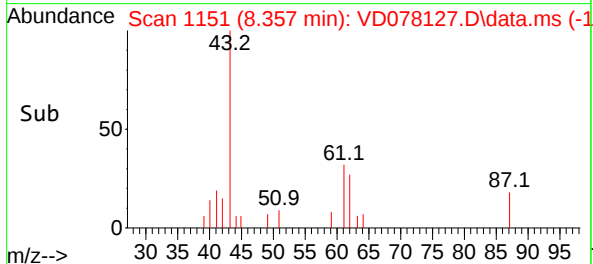
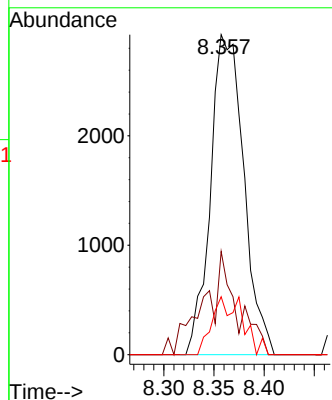
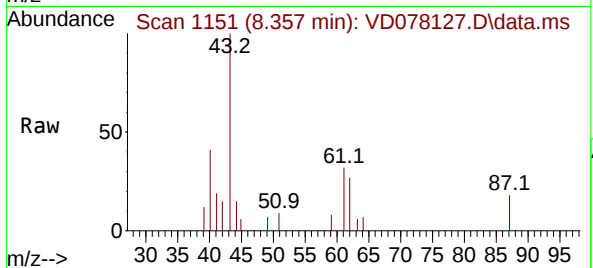
Tgt Ion: 43 Resp: 6755

Ion Ratio Lower Upper

43 100

61 26.6 31.4 47.0#

87 16.6 14.9 22.3



#44

Trichloroethene

Concen: 5.392 ug/l

RT: 9.022 min Scan# 1264

Delta R.T. -0.012 min

Lab File: VD078127.D

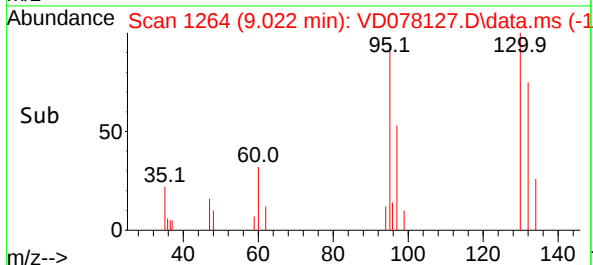
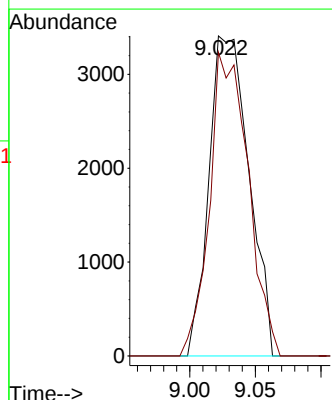
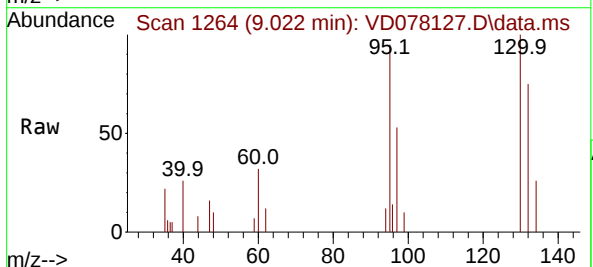
Acq: 08 Jan 2024 12:50

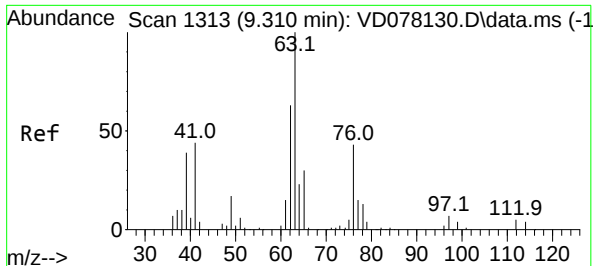
Tgt Ion:130 Resp: 7244

Ion Ratio Lower Upper

130 100

95 94.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 5.321 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

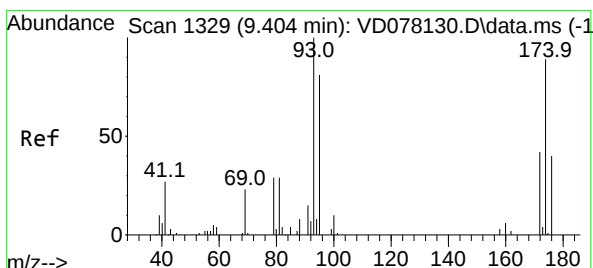
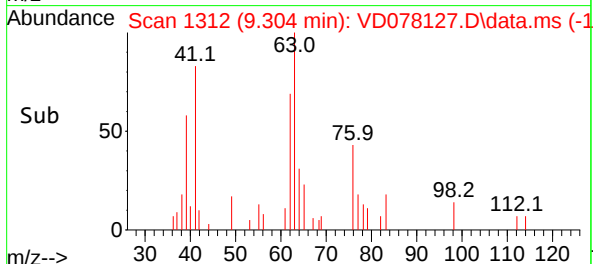
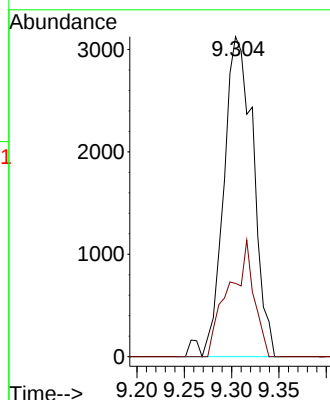
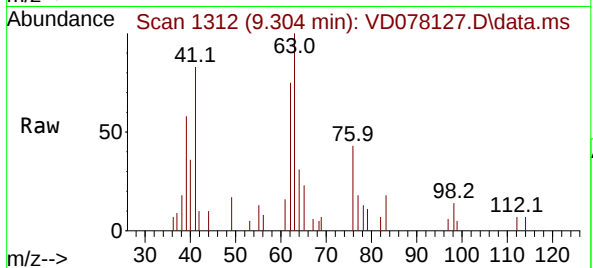
VSTDIC005

Tgt Ion: 63 Resp: 6818

Ion Ratio Lower Upper

63 100

65 22.9 24.5 36.7#



#46

Dibromomethane

Concen: 5.299 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.006 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

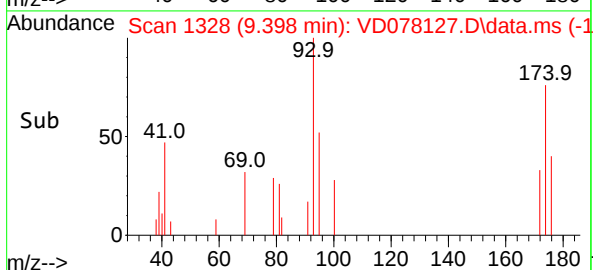
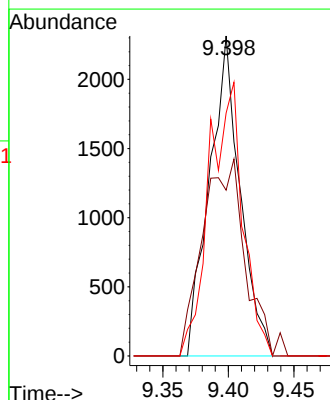
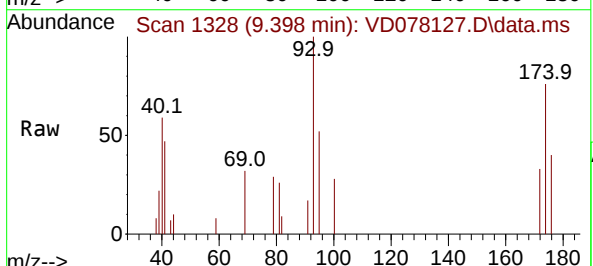
Tgt Ion: 93 Resp: 3757

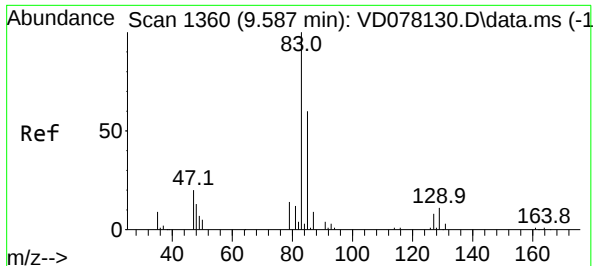
Ion Ratio Lower Upper

93 100

95 85.9 67.7 101.5

174 94.3 85.4 128.2

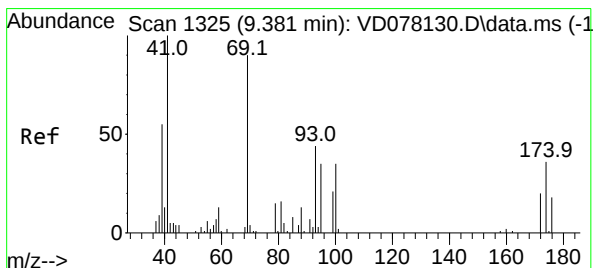
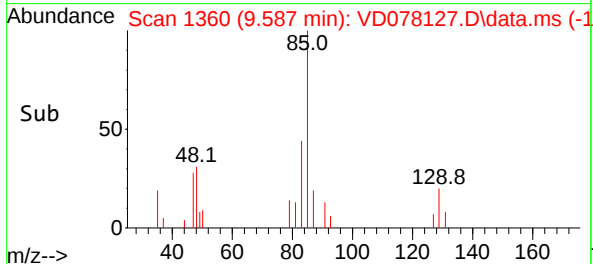
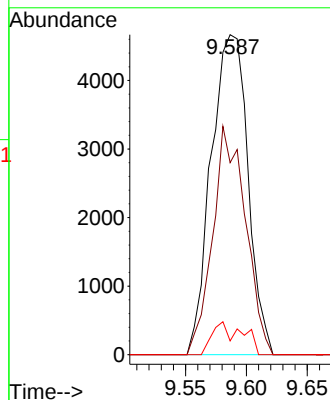
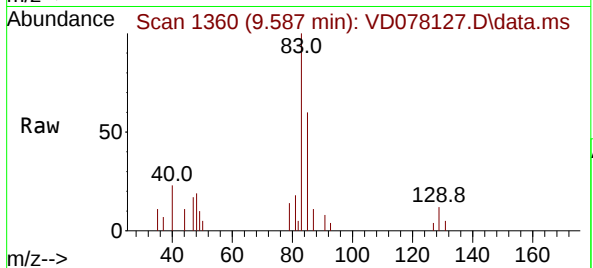




#47
Bromodichloromethane
Concen: 5.202 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

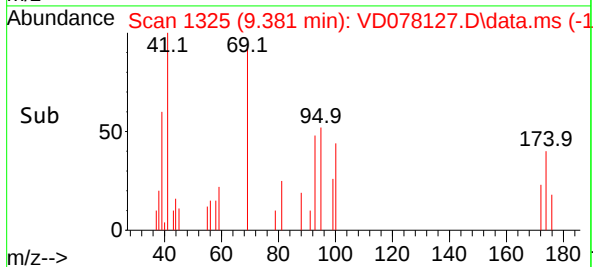
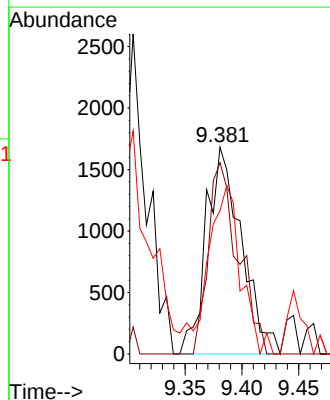
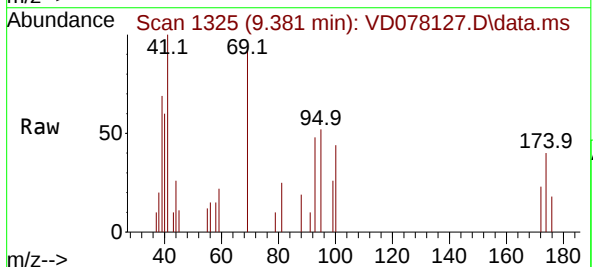
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

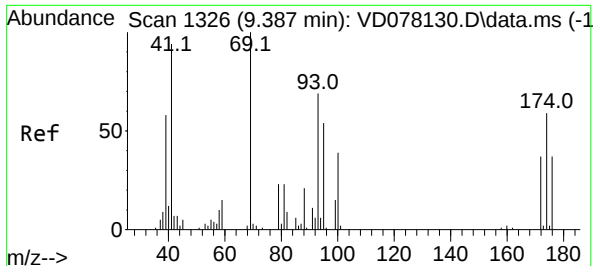
Tgt Ion: 83 Resp: 9804
Ion Ratio Lower Upper
83 100
85 60.0 50.2 75.4
127 4.3 6.3 9.5#



#48
Methyl methacrylate
Concen: 5.212 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 41 Resp: 3638
Ion Ratio Lower Upper
41 100
69 78.7 102.2 153.2#
39 75.7 41.4 62.2#





#49

1,4-Dioxane

Concen: 40.662 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

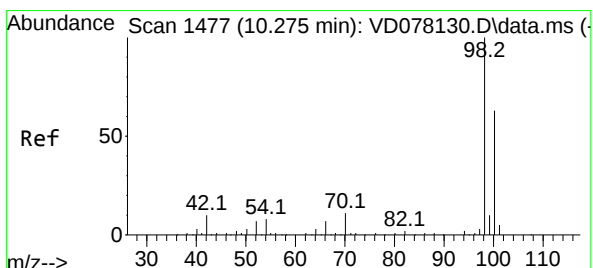
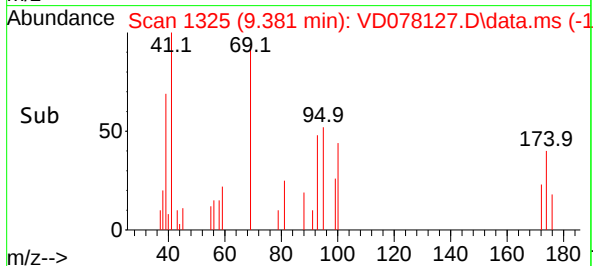
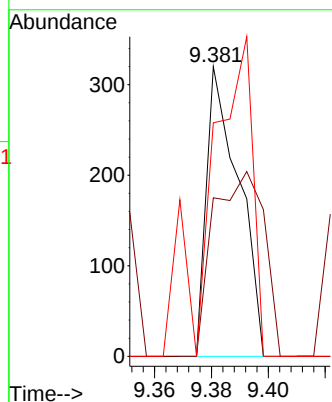
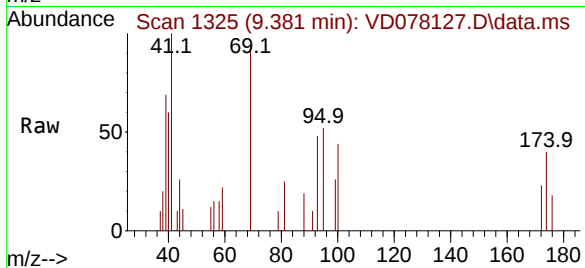
Tgt Ion: 88 Resp: 252

Ion Ratio Lower Upper

88 100

43 100.0 19.0 28.6#

58 146.4 43.5 65.3#



#50

Toluene-d8

Concen: 4.790 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078127.D

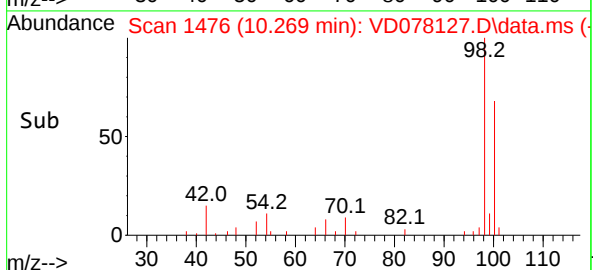
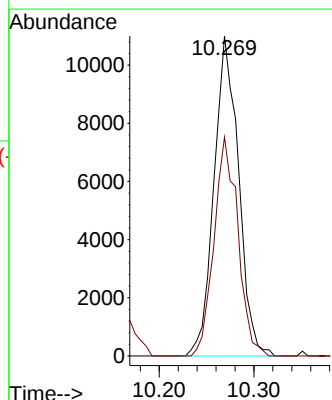
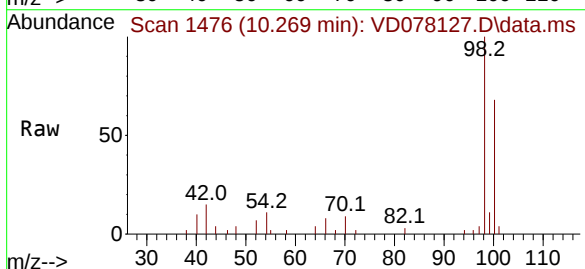
Acq: 08 Jan 2024 12:50

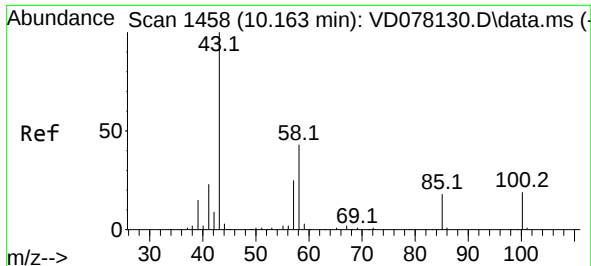
Tgt Ion: 98 Resp: 19804

Ion Ratio Lower Upper

98 100

100 66.4 50.3 75.5

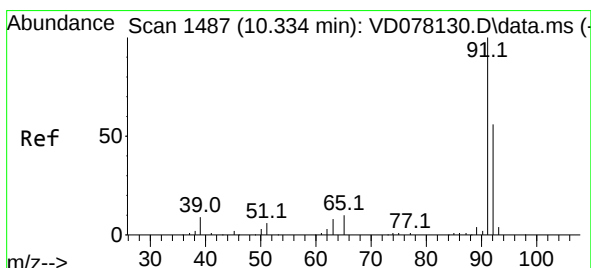
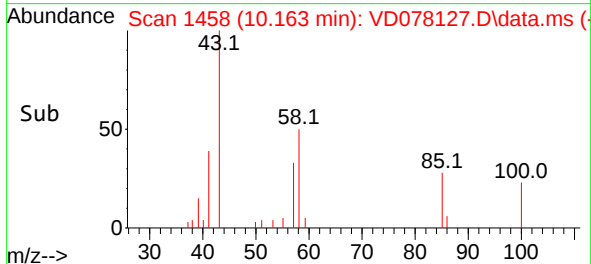
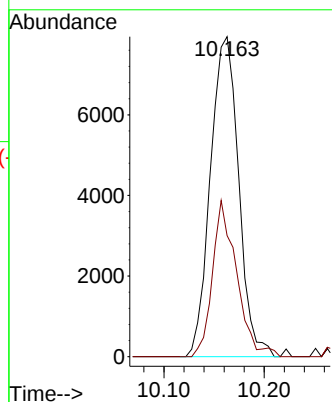
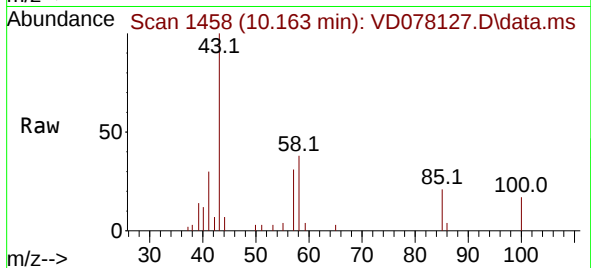




#51
4-Methyl-2-Pentanone
Concen: 23.756 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

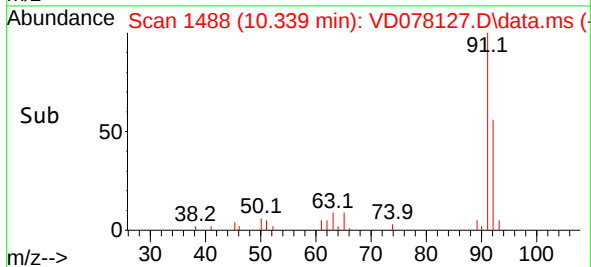
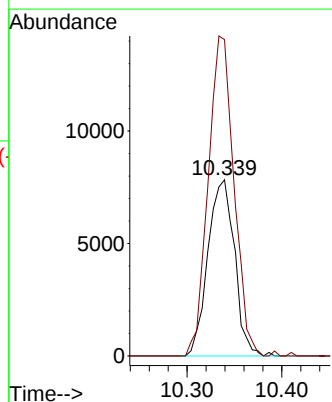
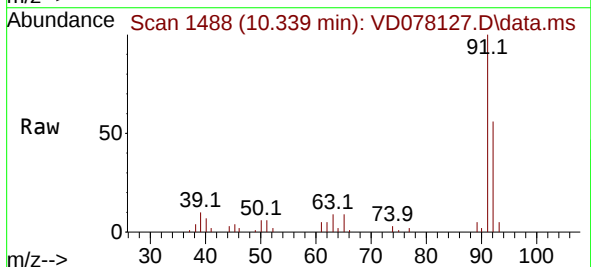
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

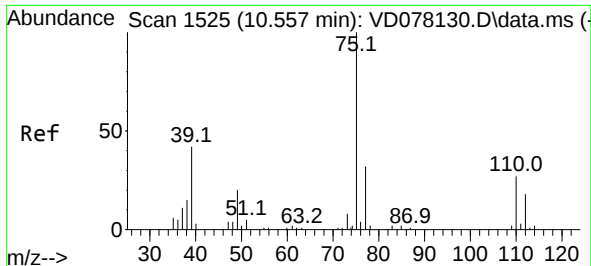
Tgt Ion: 43 Resp: 15545
Ion Ratio Lower Upper
43 100
58 41.7 38.9 58.3



#52
Toluene
Concen: 4.883 ug/l
RT: 10.339 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 92 Resp: 15324
Ion Ratio Lower Upper
92 100
91 175.4 143.0 214.4

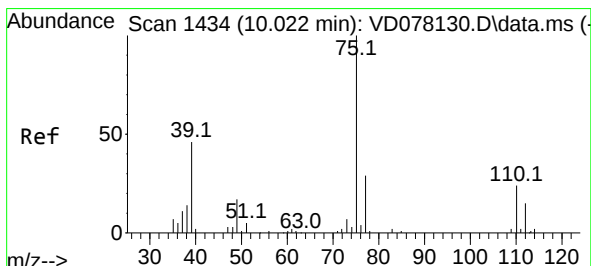
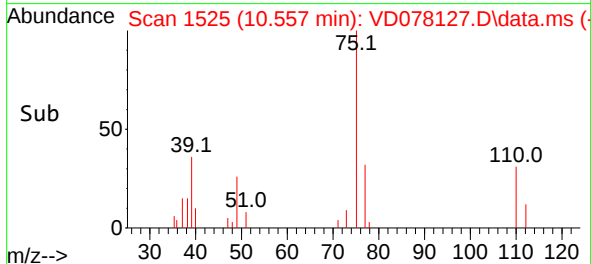
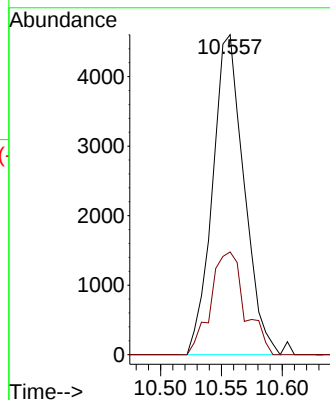
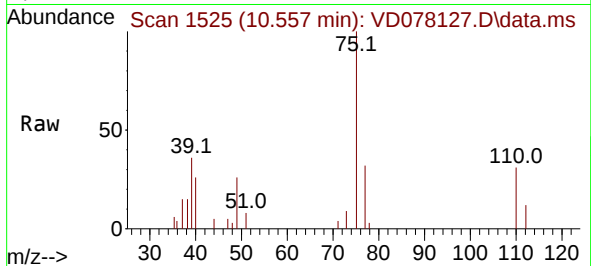




#53
t-1,3-Dichloropropene
Concen: 4.948 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

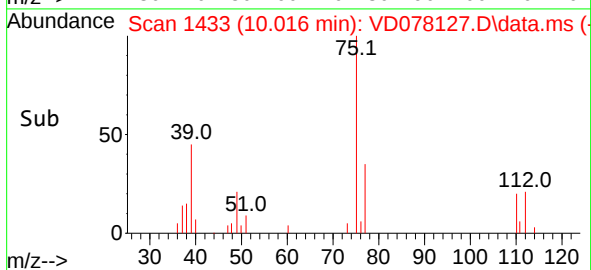
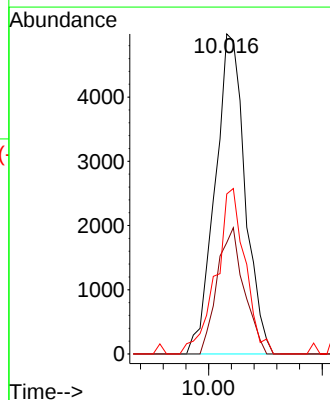
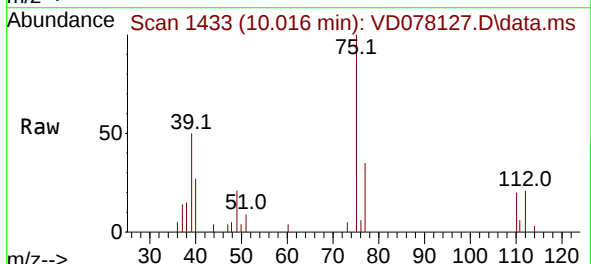
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

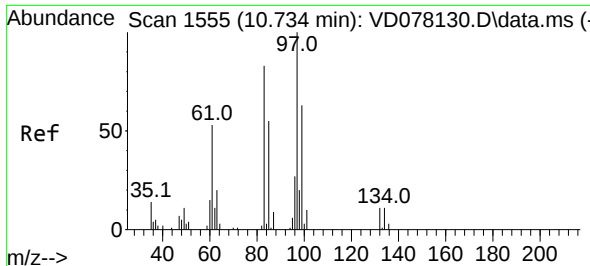
Tgt Ion: 75 Resp: 8277
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 4.777 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 75 Resp: 9117
Ion Ratio Lower Upper
75 100
77 34.8 25.5 38.3
39 50.0 22.1 33.1#

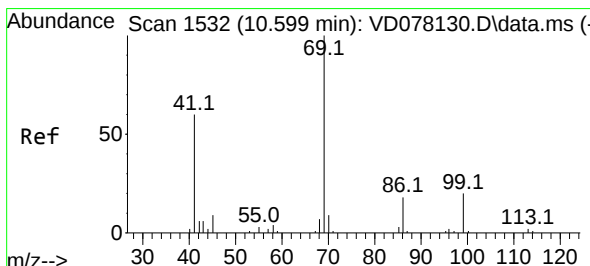
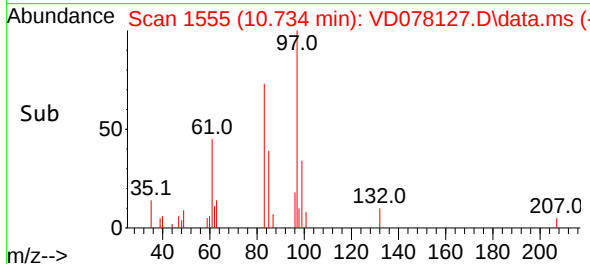
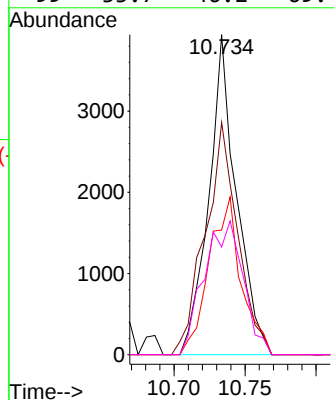
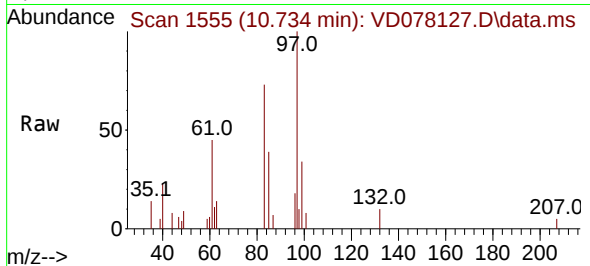




#55
1,1,2-Trichloroethane
Concen: 5.358 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

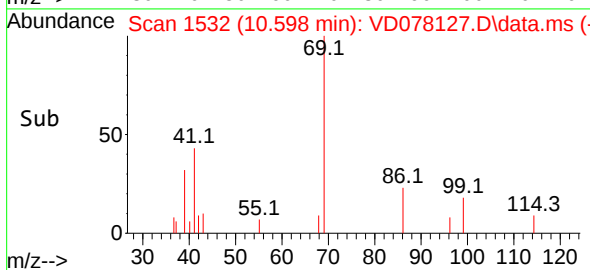
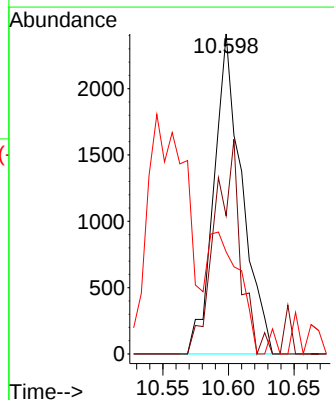
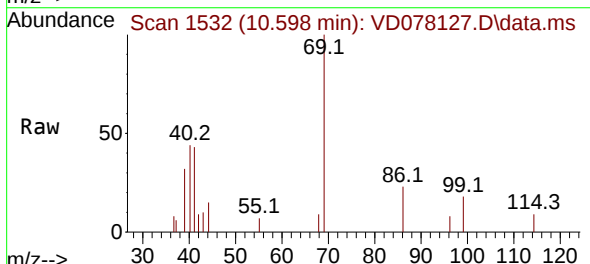
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

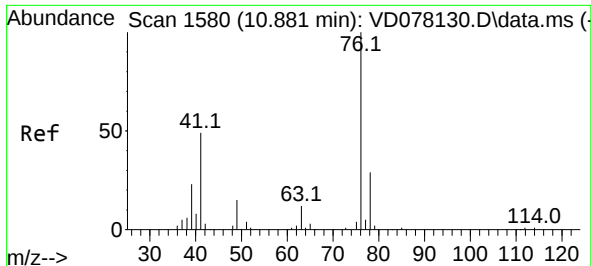
Tgt Ion: 97	Resp: 5328
Ion Ratio	Lower Upper
97 100	
83 72.6	65.8 98.6
85 38.9	45.7 68.5#
99 33.7	46.2 69.4#



#56
Ethyl methacrylate
Concen: 4.624 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 69	Resp: 3583
Ion Ratio	Lower Upper
69 100	
41 61.4	39.1 58.7#
39 41.5	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 5.060 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

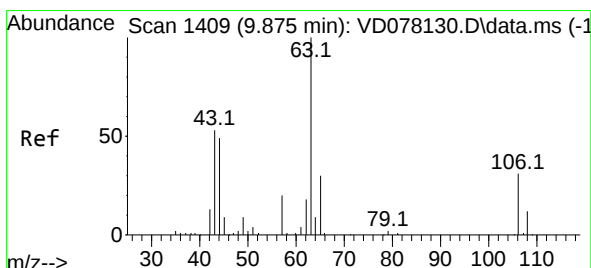
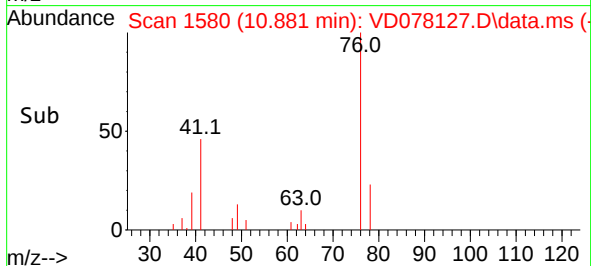
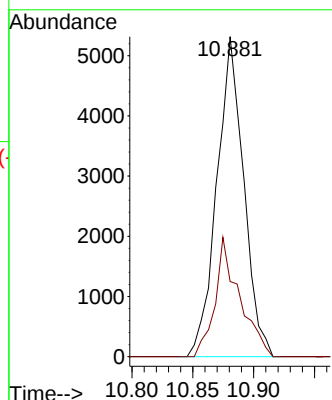
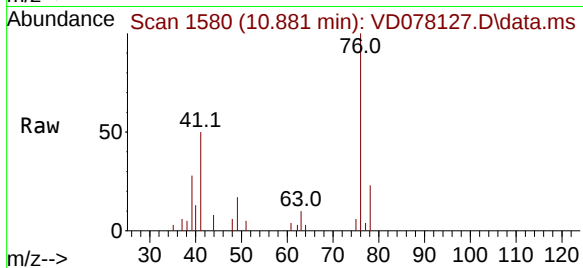
VSTDIC005

Tgt Ion: 76 Resp: 8166

Ion Ratio Lower Upper

76 100

78 34.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 20.125 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD078127.D

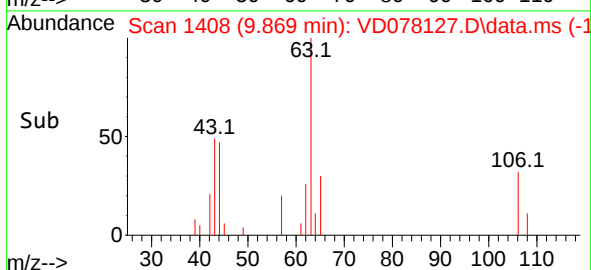
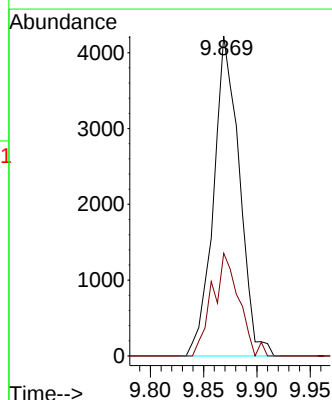
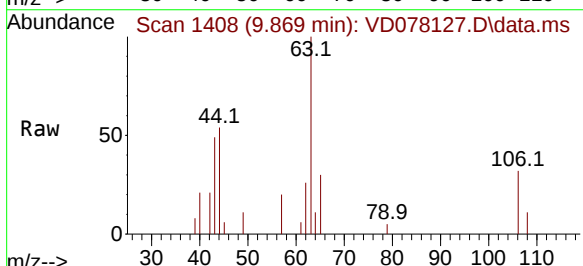
Acq: 08 Jan 2024 12:50

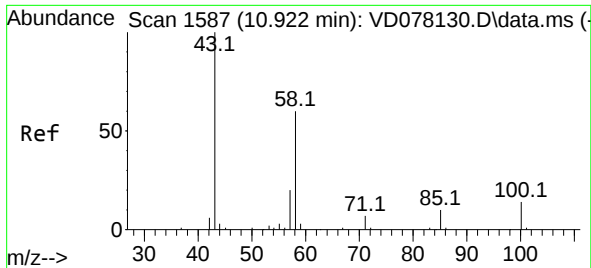
Tgt Ion: 63 Resp: 7121

Ion Ratio Lower Upper

63 100

106 33.1 25.3 37.9

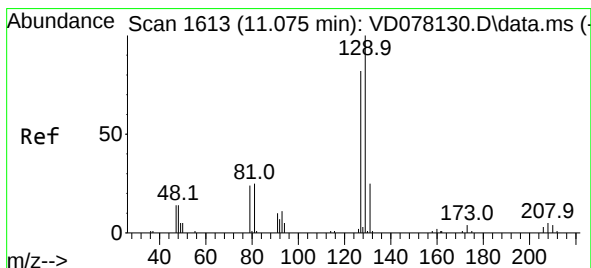
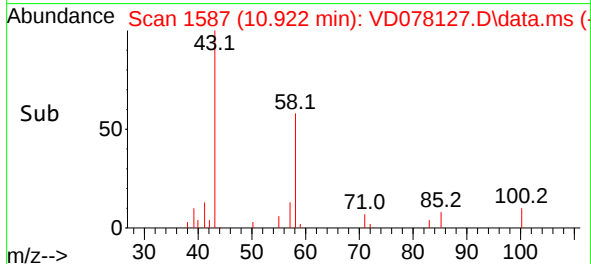
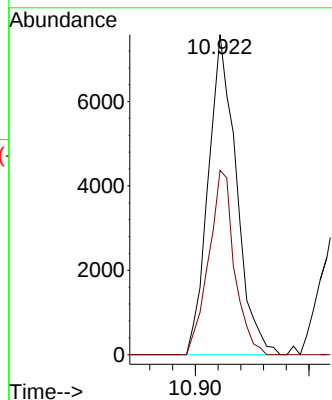
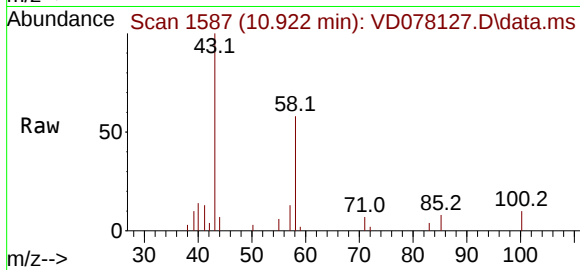




#59
2-Hexanone
Concen: 26.418 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

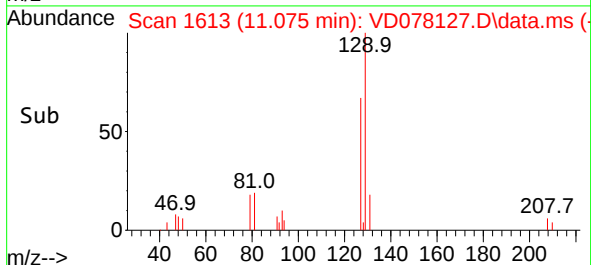
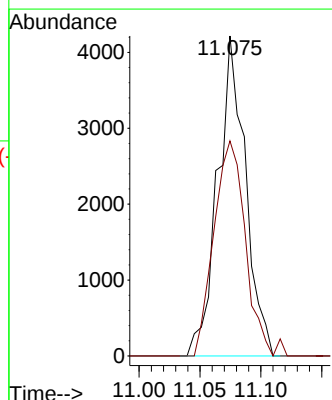
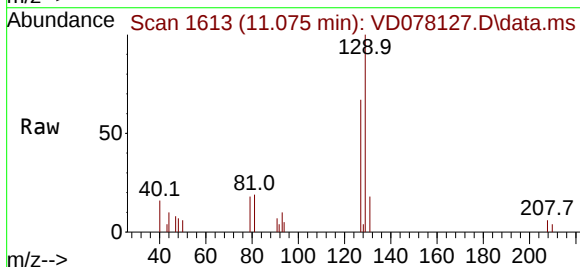
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

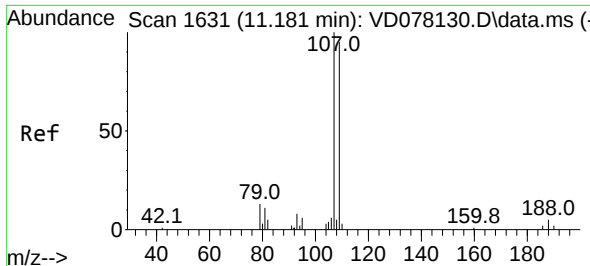
Tgt Ion: 43 Resp: 12997
Ion Ratio Lower Upper
43 100
58 52.9 34.1 102.2



#60
Dibromochloromethane
Concen: 5.330 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 129 Resp: 6697
Ion Ratio Lower Upper
129 100
127 76.6 37.1 111.5

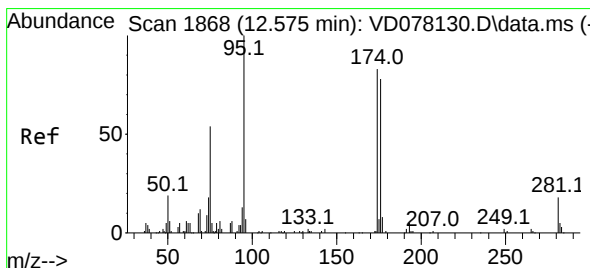
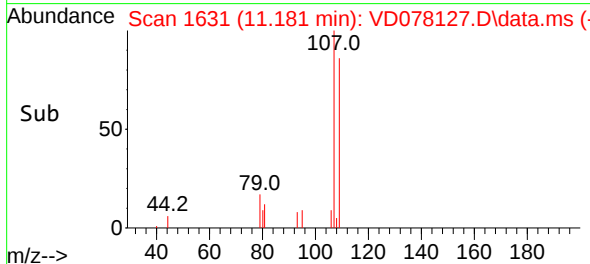
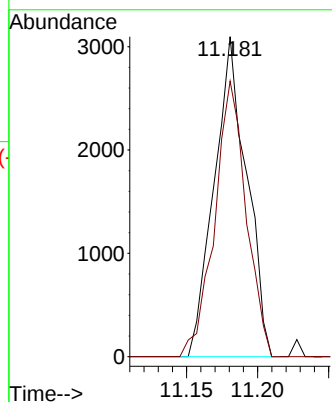
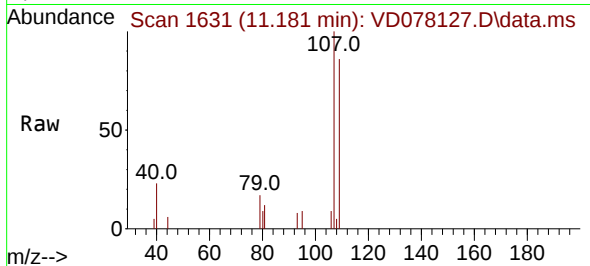




#61
1,2-Dibromoethane
Concen: 5.371 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

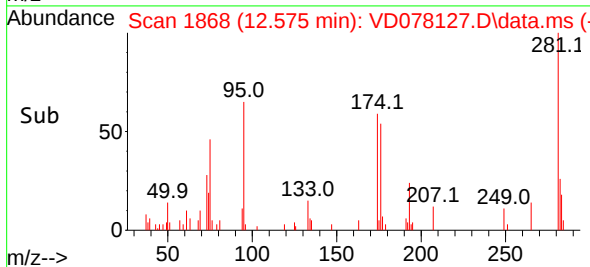
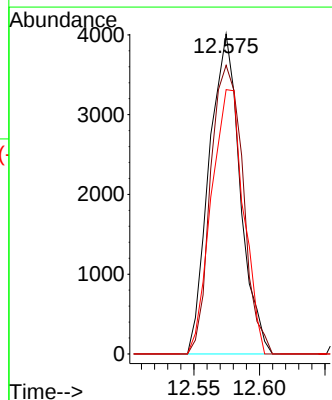
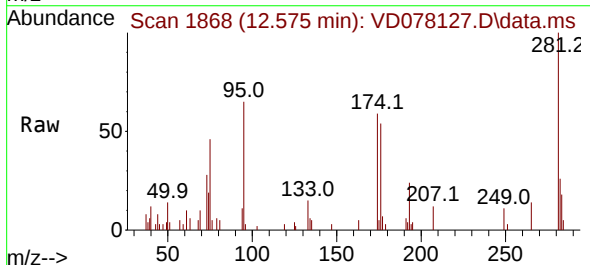
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

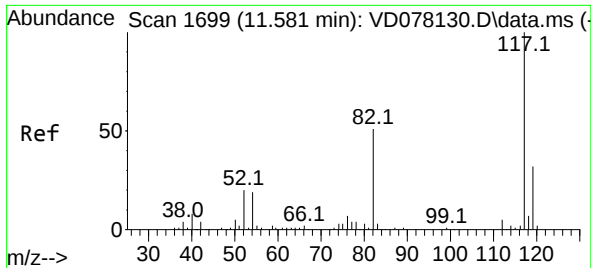
Tgt Ion:107 Resp: 4917
Ion Ratio Lower Upper
107 100
109 83.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 4.587 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 95 Resp: 6602
Ion Ratio Lower Upper
95 100
174 93.9 0.0 201.8
176 86.0 0.0 191.8

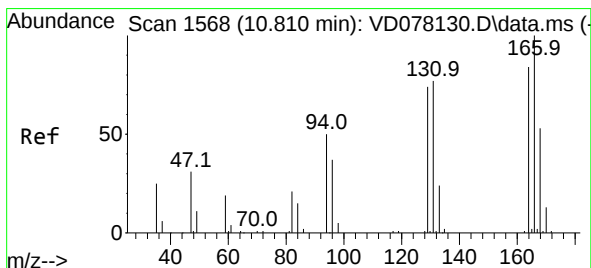
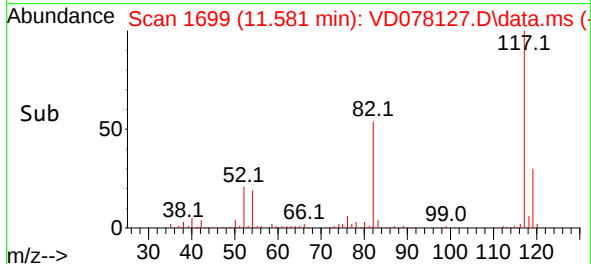
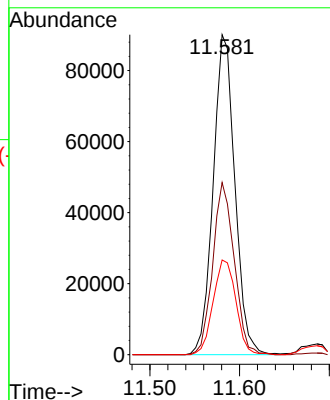
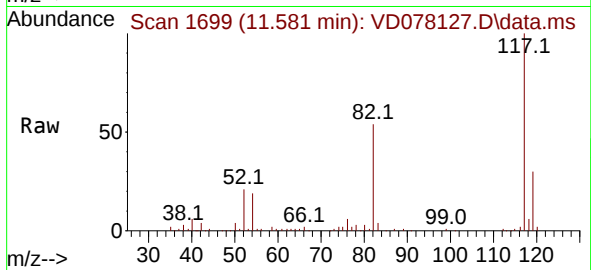




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

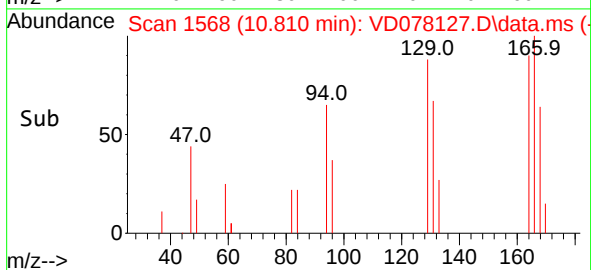
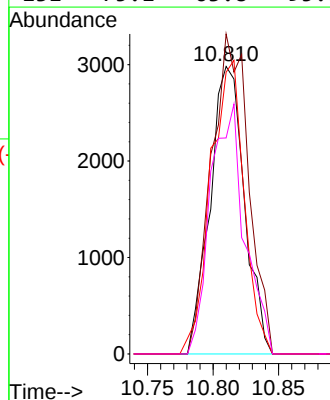
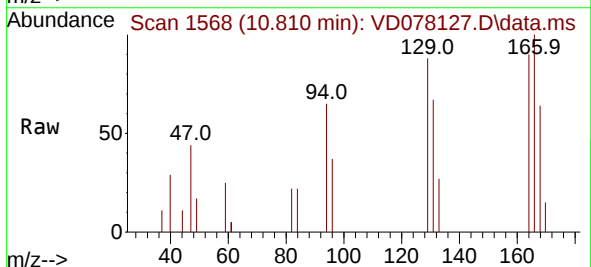
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

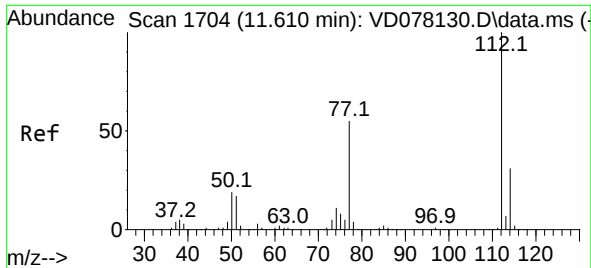
Tgt Ion:117 Resp: 151224
Ion Ratio Lower Upper
117 100
82 53.8 38.3 57.5
119 29.6 25.0 37.4



#64
Tetrachloroethene
Concen: 5.313 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion:164 Resp: 5440
Ion Ratio Lower Upper
164 100
166 111.3 99.2 148.8
129 98.0 68.4 102.6
131 75.1 63.8 95.8

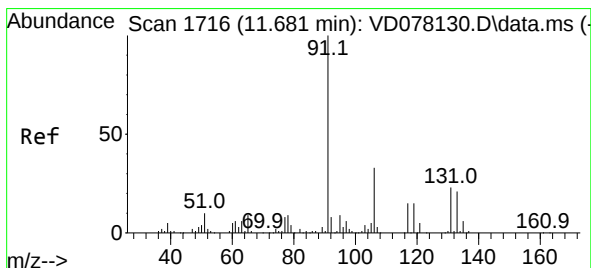
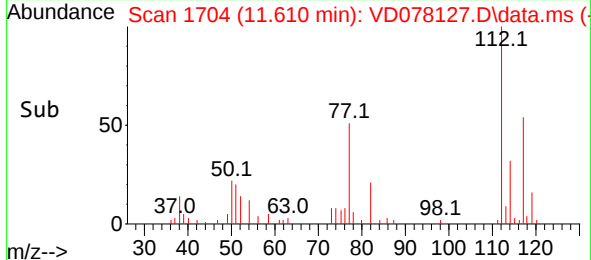
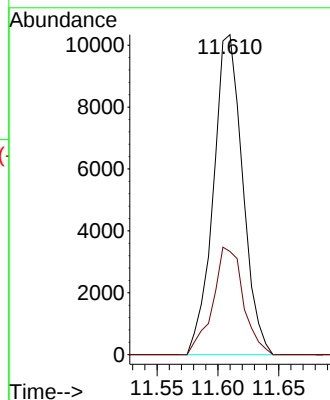
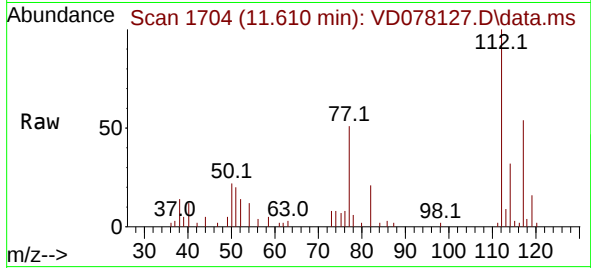




#65
Chlorobenzene
Concen: 4.973 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

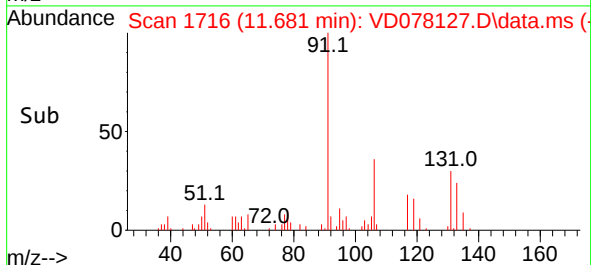
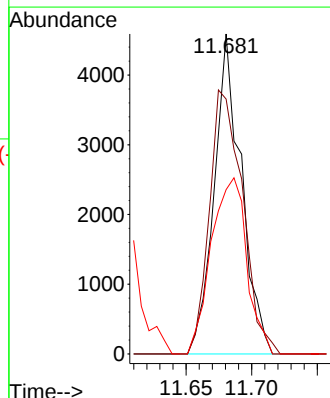
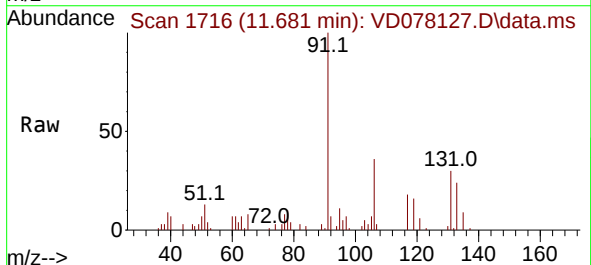
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

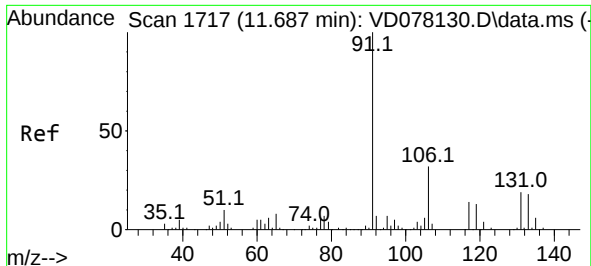
Tgt Ion:112 Resp: 17303
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.868 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion:131 Resp: 6580
Ion Ratio Lower Upper
131 100
133 100.9 48.5 145.5
119 72.2 35.6 106.9

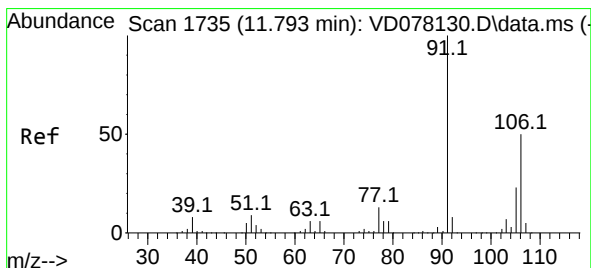
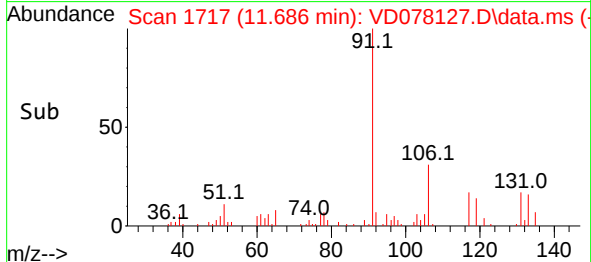
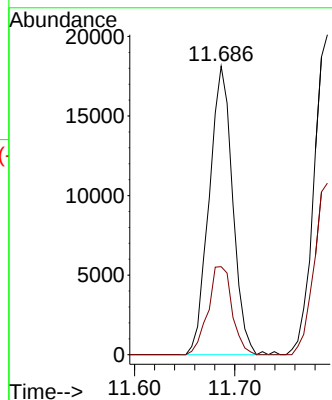
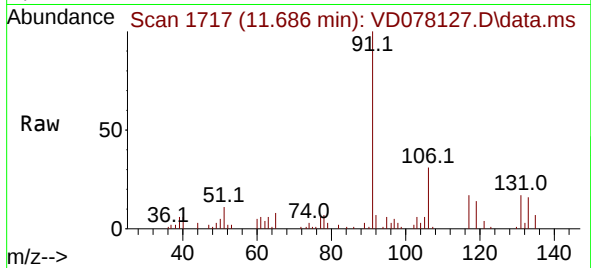




#67
Ethyl Benzene
Concen: 4.833 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

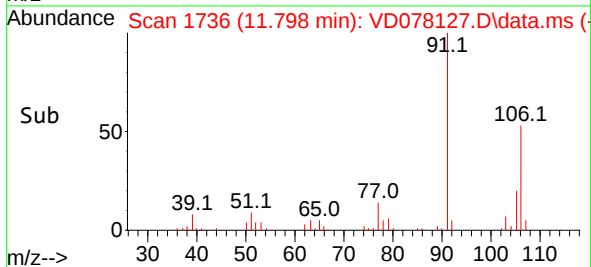
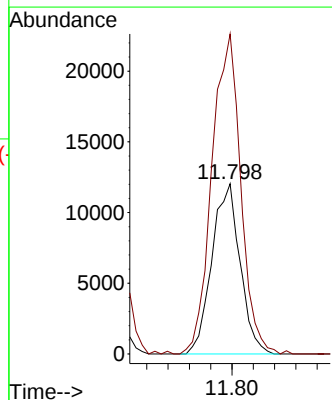
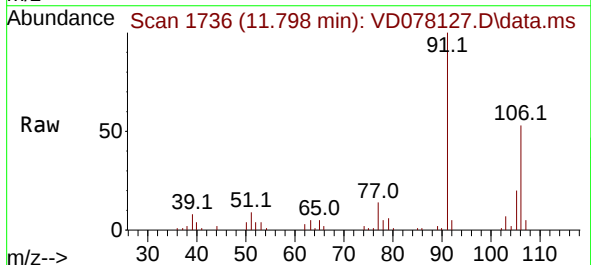
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

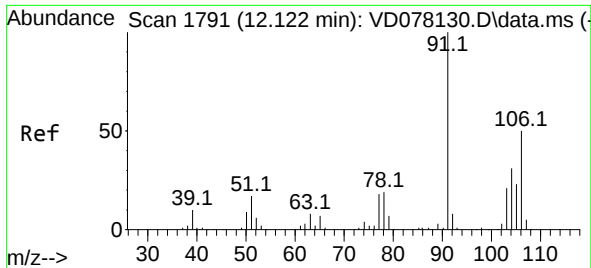
Tgt Ion: 91 Resp: 29531
Ion Ratio Lower Upper
91 100
106 30.5 26.5 39.7



#68
m/p-Xylenes
Concen: 9.367 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 106 Resp: 22063
Ion Ratio Lower Upper
106 100
91 192.9 147.0 220.6

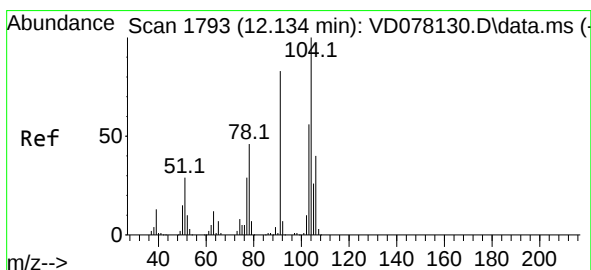
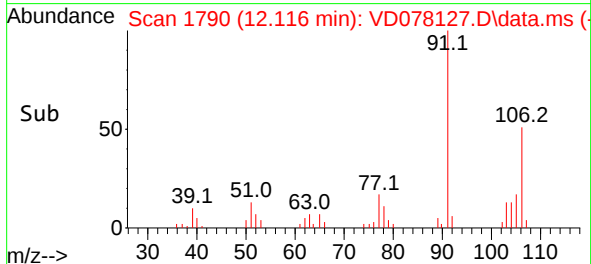
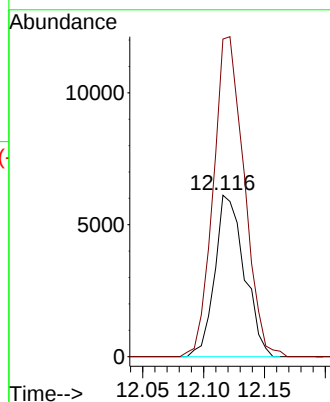
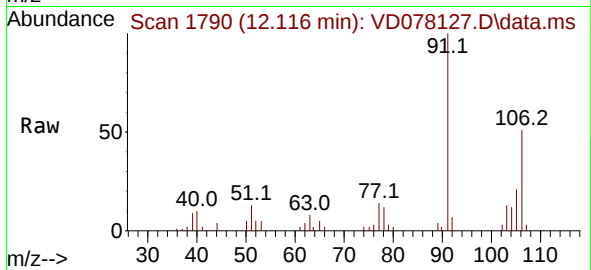




#69
o-Xylene
Concen: 4.739 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

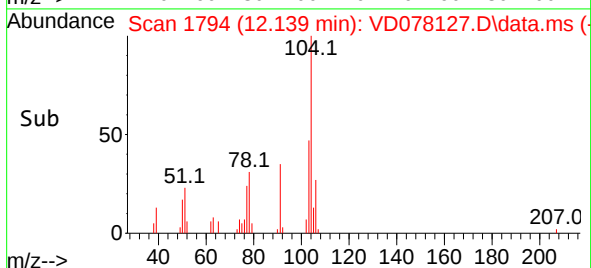
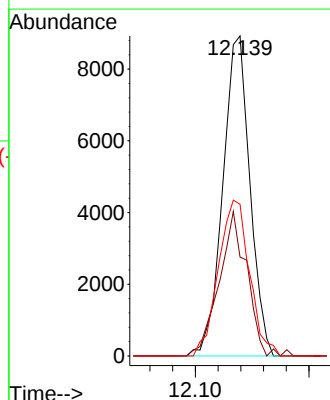
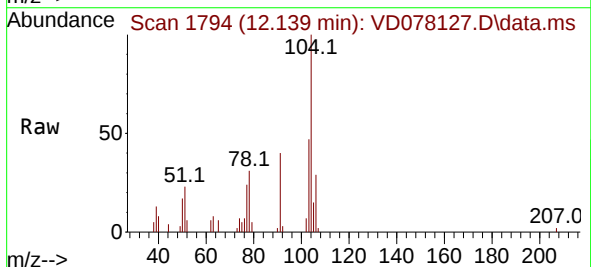
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

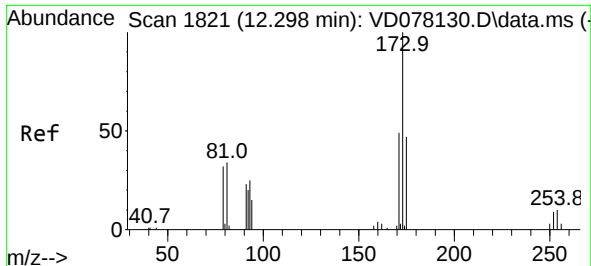
Tgt Ion:106 Resp: 10336
Ion Ratio Lower Upper
106 100
91 206.8 97.9 293.6



#70
Styrene
Concen: 4.459 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion:104 Resp: 14783
Ion Ratio Lower Upper
104 100
78 46.5 33.2 49.8
103 55.9 43.6 65.4

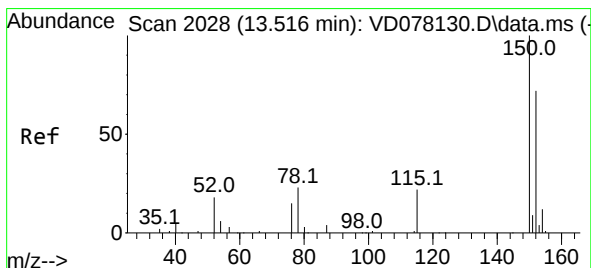
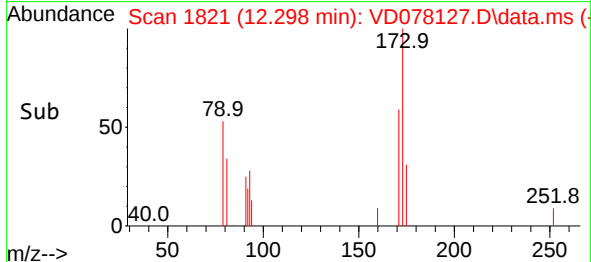
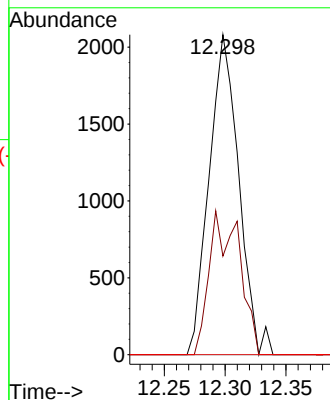
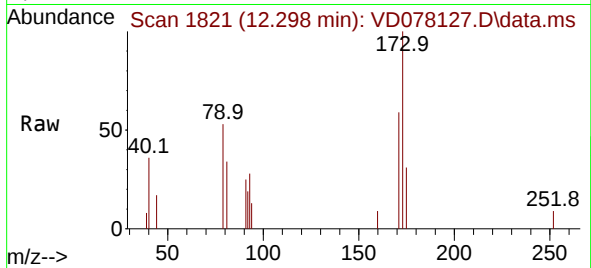




#71
Bromoform
Concen: 5.154 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

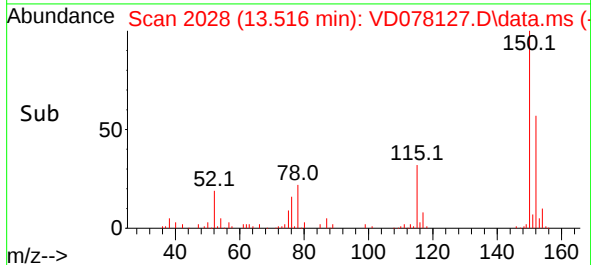
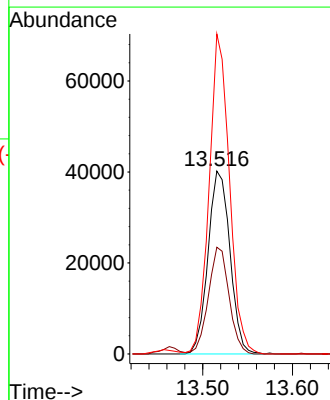
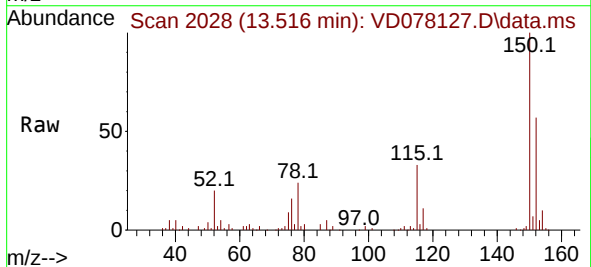
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

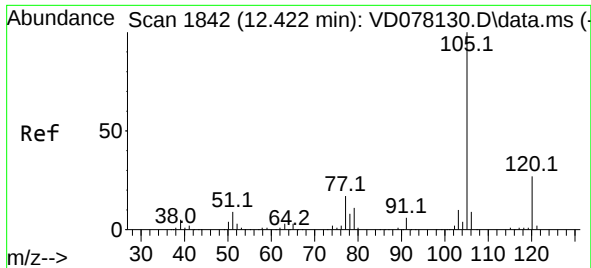
Tgt Ion:173 Resp: 3521
Ion Ratio Lower Upper
173 100
175 45.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion:152 Resp: 68308
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 161.6 0.0 353.6

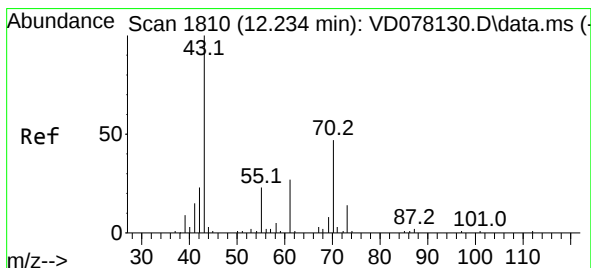
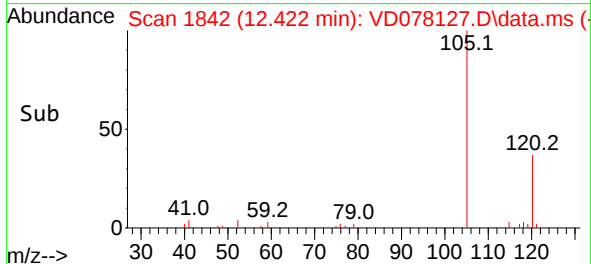
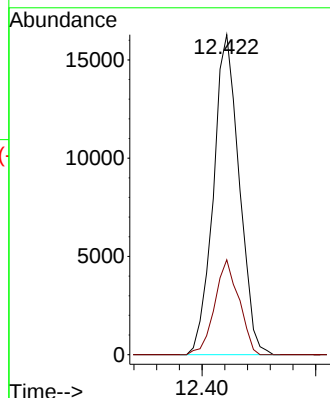
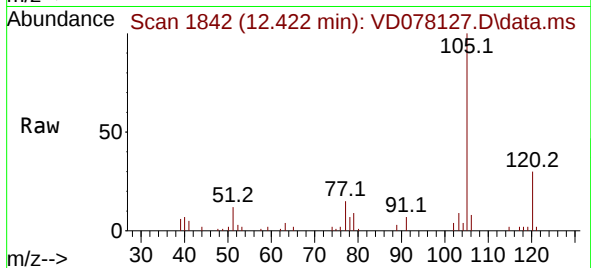




#73
Isopropylbenzene
Concen: 4.735 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

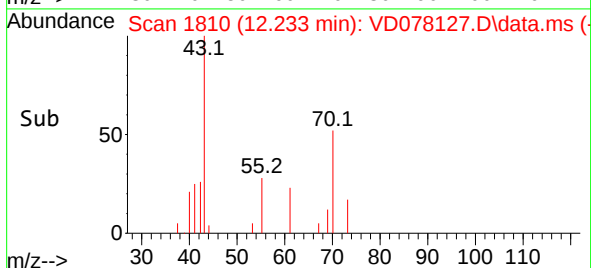
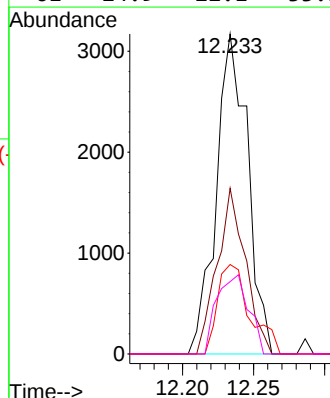
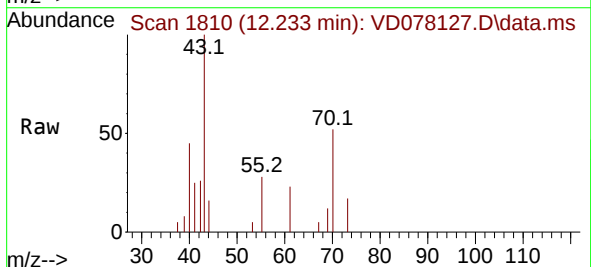
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

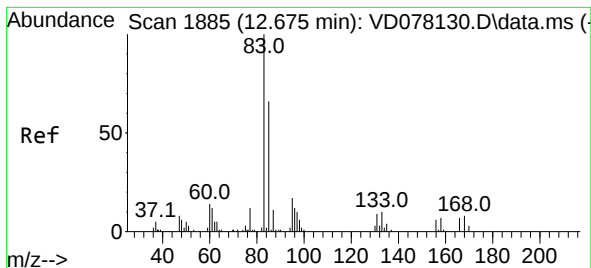
Tgt Ion:105 Resp: 25717
Ion Ratio Lower Upper
105 100
120 27.9 14.3 42.9



#74
N-ethyl acetate
Concen: 4.908 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 43 Resp: 4875
Ion Ratio Lower Upper
43 100
70 46.6 45.0 67.4
55 28.7 23.8 35.6
61 24.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.505 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

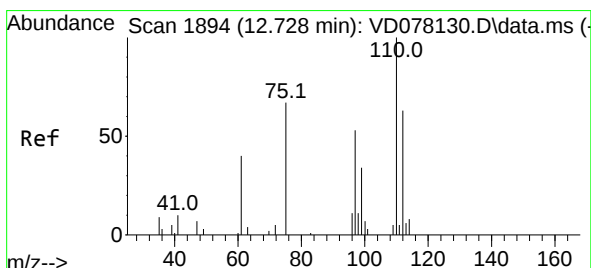
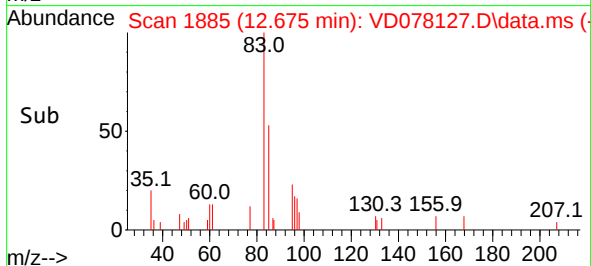
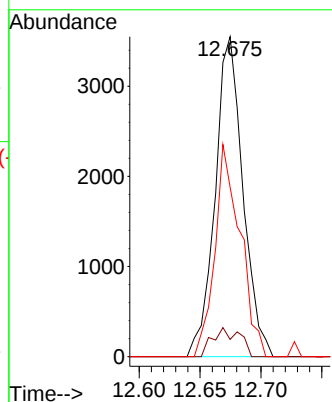
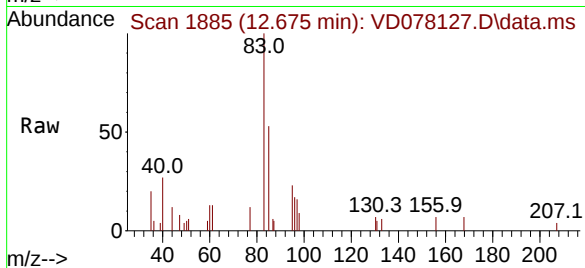
Tgt Ion: 83 Resp: 5626

Ion Ratio Lower Upper

83 100

131 8.8 5.1 15.3

85 60.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 8.387 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078127.D

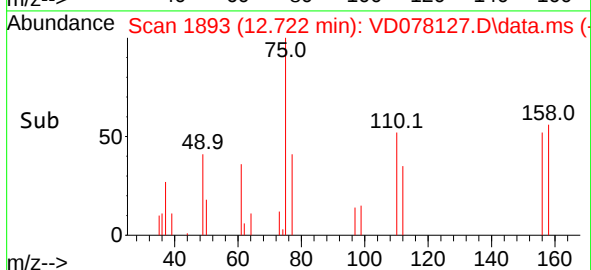
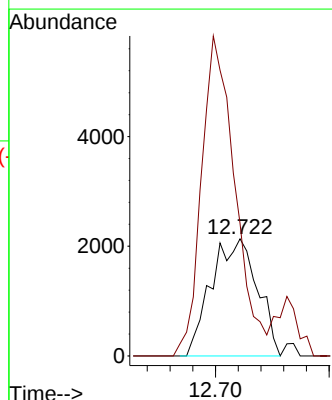
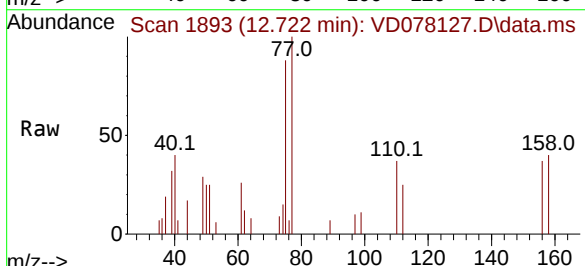
Acq: 08 Jan 2024 12:50

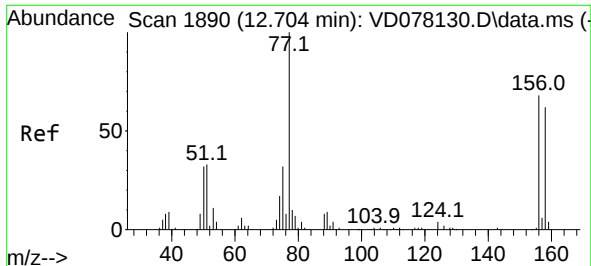
Tgt Ion: 75 Resp: 6037

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

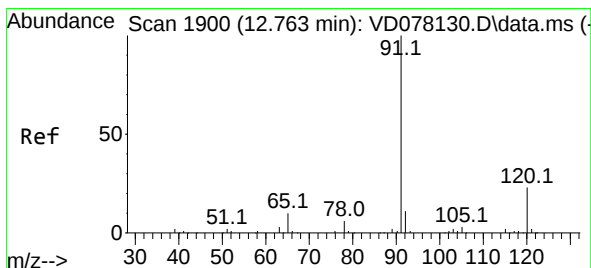
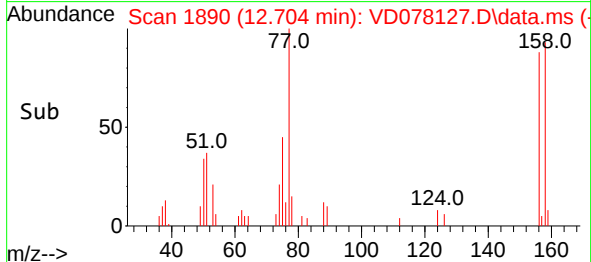
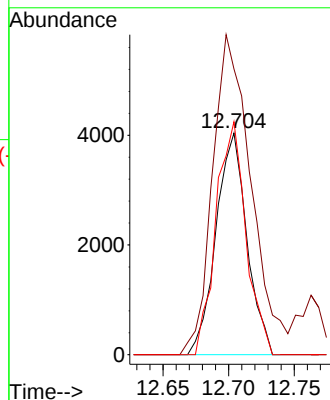
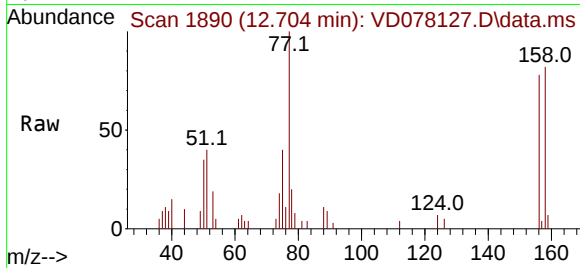




#77
Bromobenzene
Concen: 5.294 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

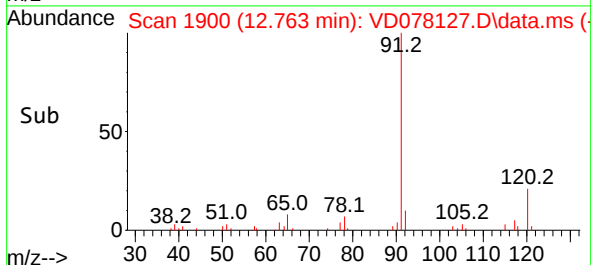
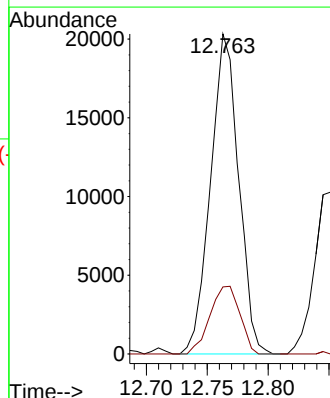
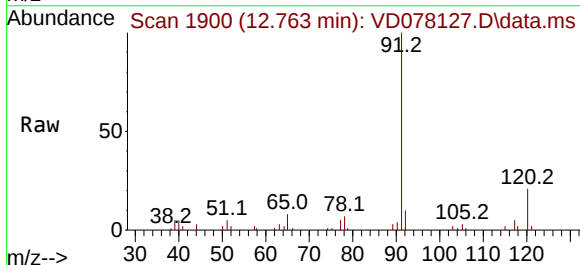
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

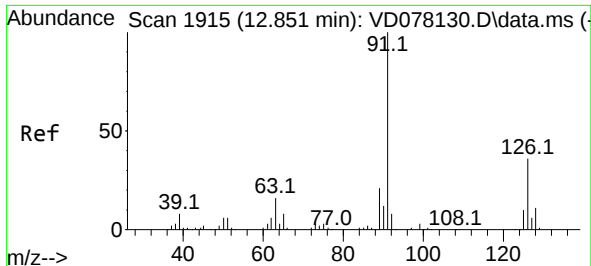
Tgt Ion:156 Resp: 6605
Ion Ratio Lower Upper
156 100
77 180.5 76.8 230.4
158 101.9 48.6 145.9



#78
n-propylbenzene
Concen: 4.961 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 91 Resp: 32660
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2

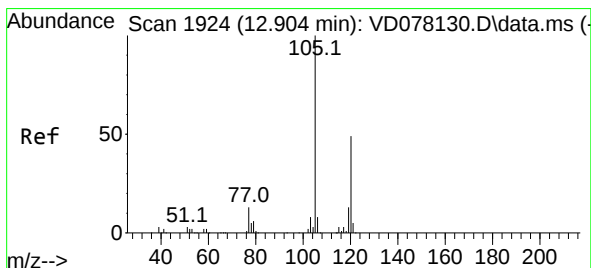
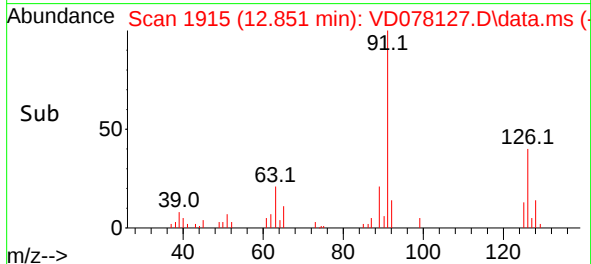
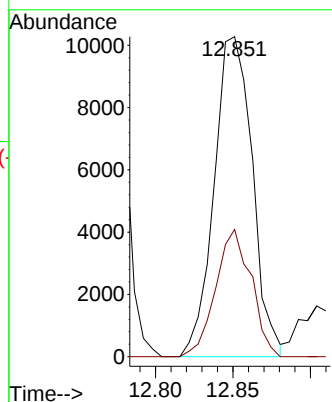
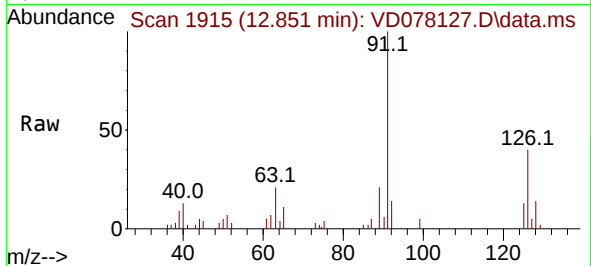




#79
2-Chlorotoluene
Concen: 5.029 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

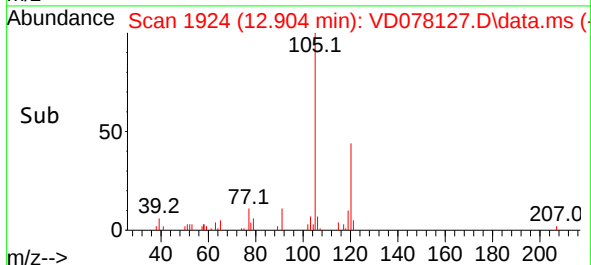
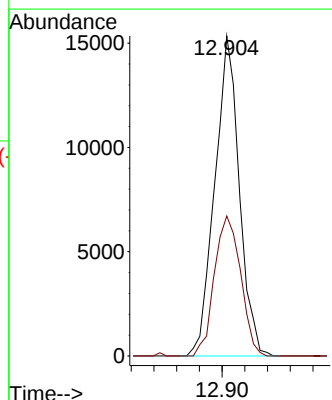
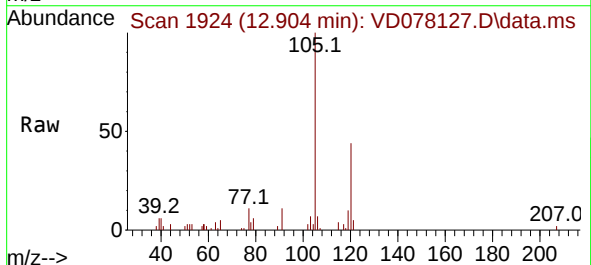
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

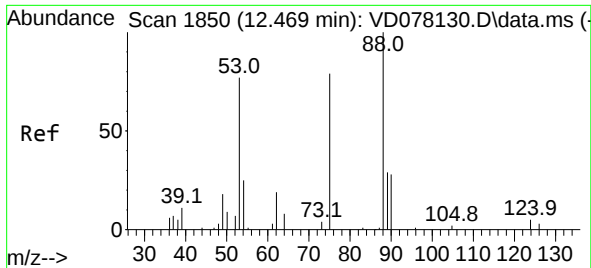
Tgt Ion: 91 Resp: 17615
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 5.095 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 105 Resp: 22966
Ion Ratio Lower Upper
105 100
120 46.8 26.4 79.2

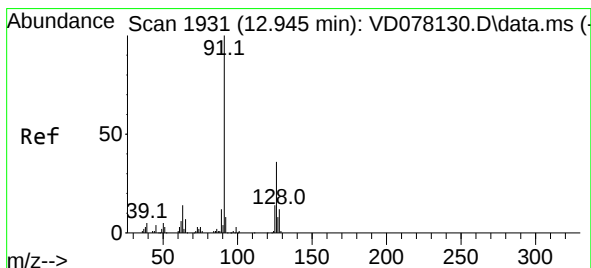
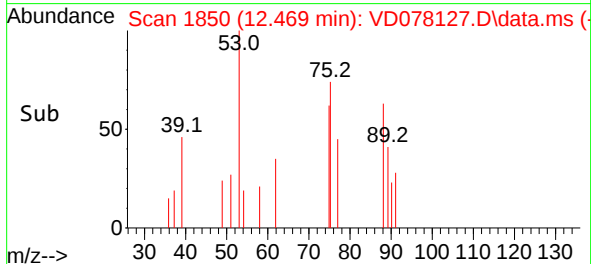
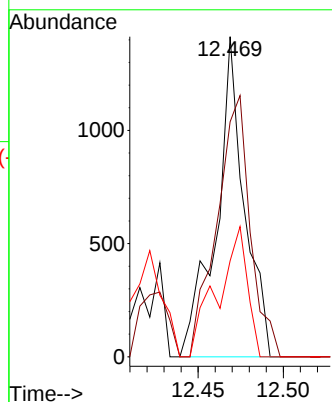
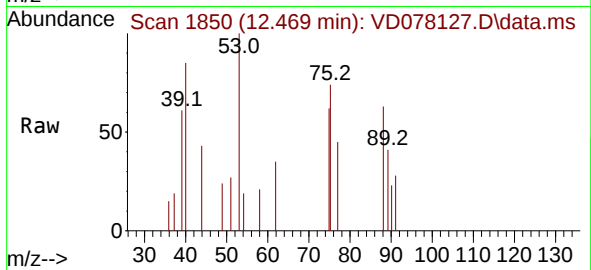




#81
trans-1,4-Dichloro-2-butene
Concen: 5.358 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

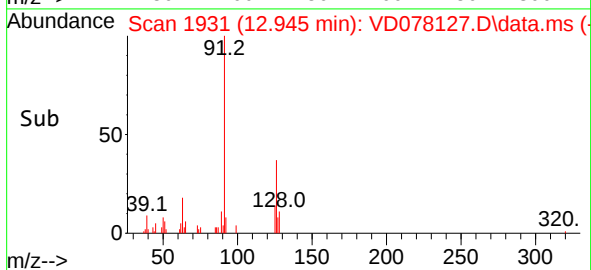
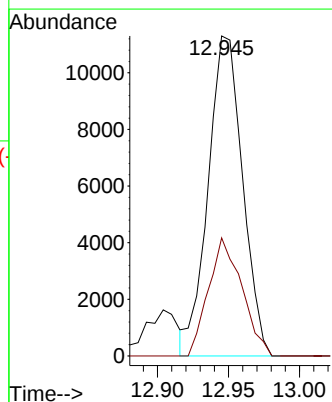
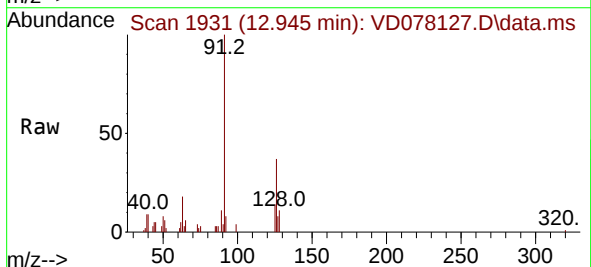
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

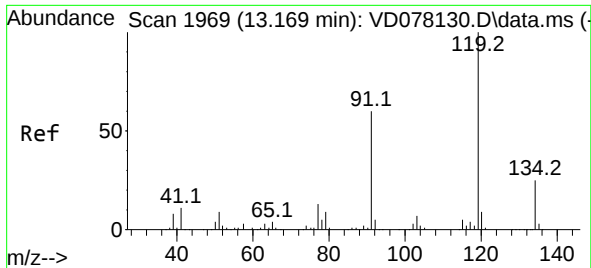
Tgt Ion: 75 Resp: 1617
Ion Ratio Lower Upper
75 100
53 97.4 63.0 94.4#
89 43.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 5.059 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 91 Resp: 19060
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.4

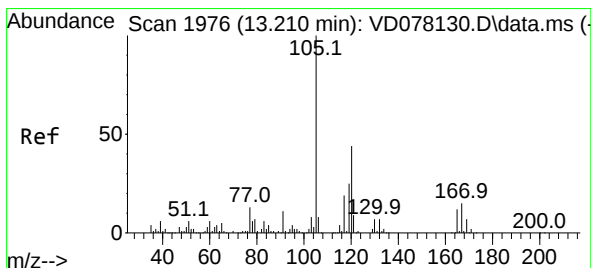
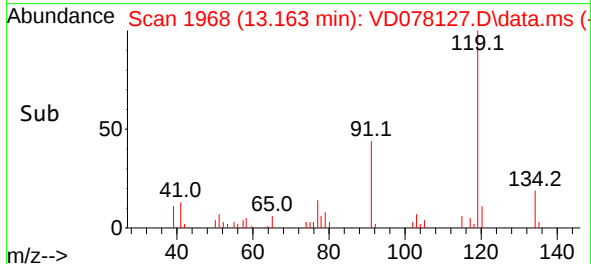
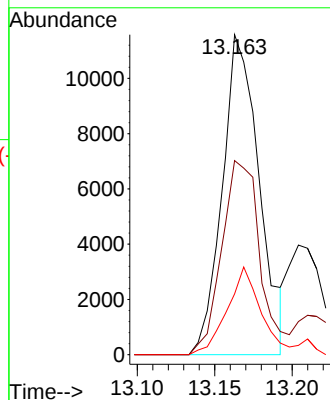
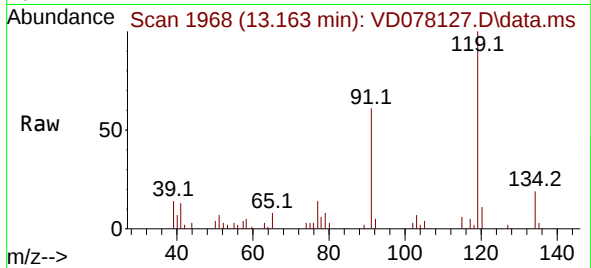




#83
tert-Butylbenzene
Concen: 4.857 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

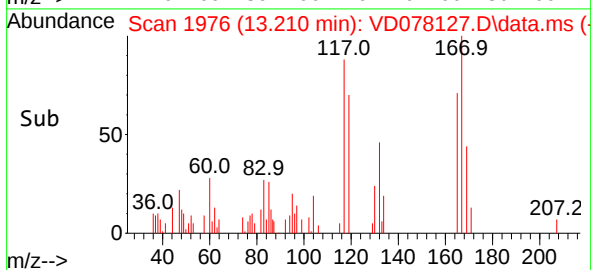
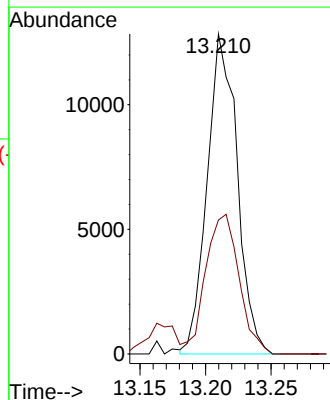
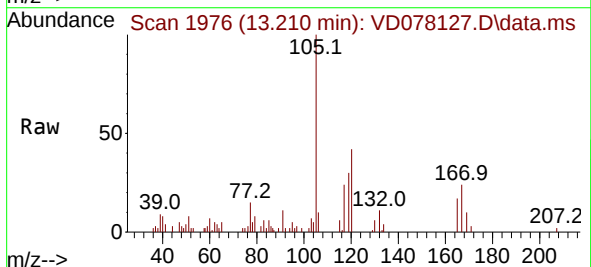
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

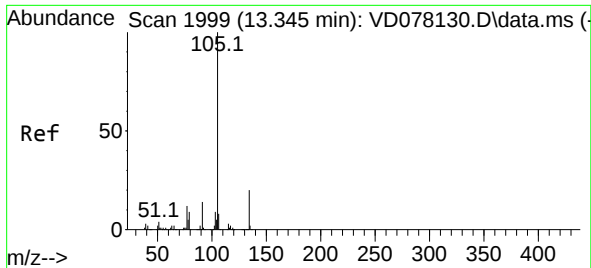
Tgt Ion:119 Resp: 19167
Ion Ratio Lower Upper
119 100
91 63.0 29.3 87.8
134 24.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 4.560 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion:105 Resp: 20405
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.9

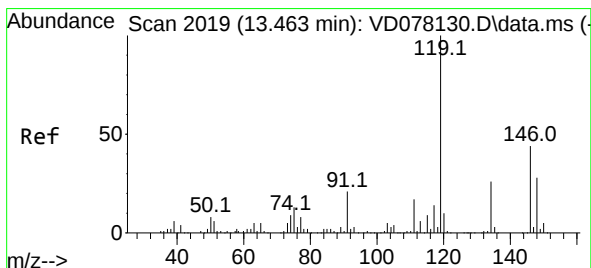
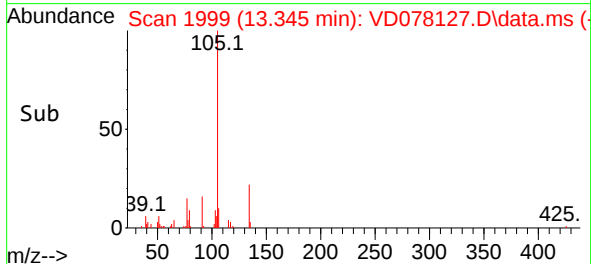
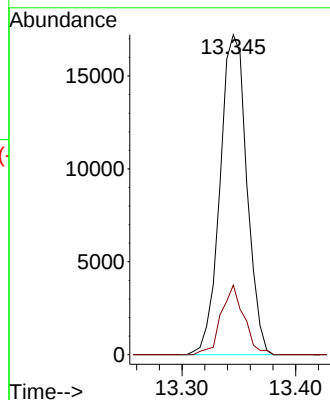
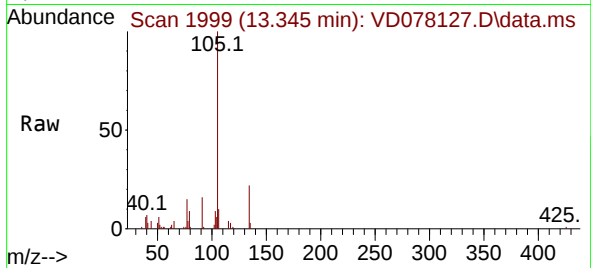




#85
 sec-Butylbenzene
 Concen: 4.881 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078127.D
 Acq: 08 Jan 2024 12:50

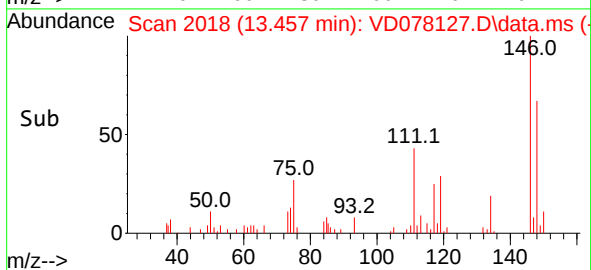
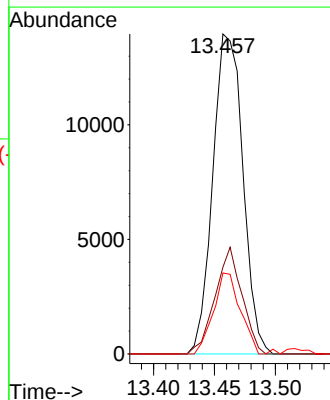
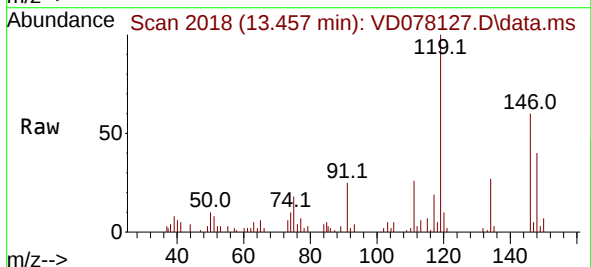
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

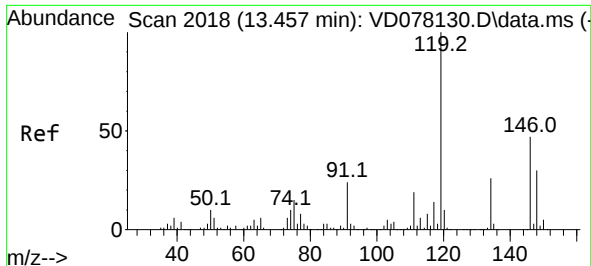
Tgt Ion:105 Resp: 28224
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 4.687 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078127.D
 Acq: 08 Jan 2024 12:50

Tgt Ion:119 Resp: 23996
 Ion Ratio Lower Upper
 119 100
 134 29.8 14.2 42.6
 91 22.6 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 5.374 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

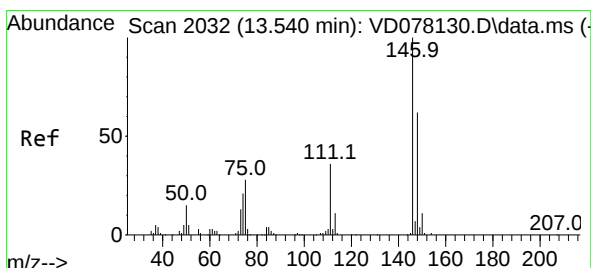
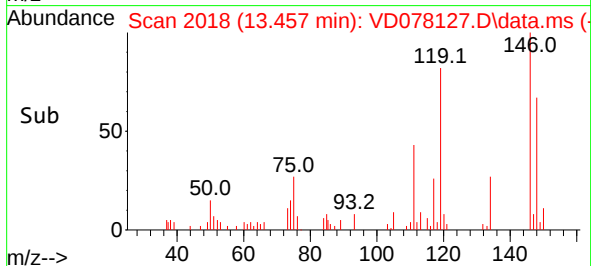
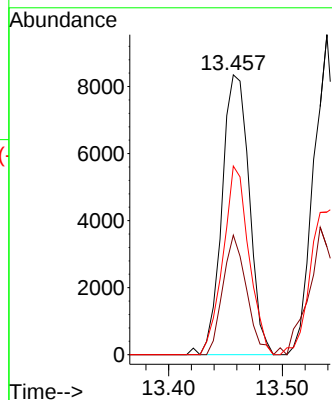
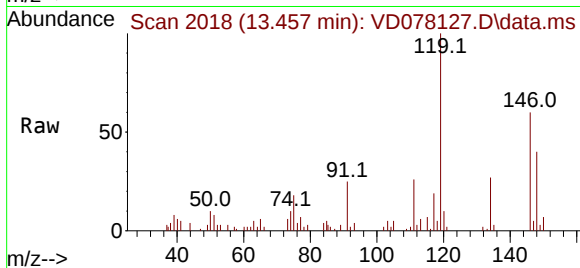
Tgt Ion:146 Resp: 13912

Ion Ratio Lower Upper

146 100

111 37.1 17.9 53.8

148 64.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 5.592 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

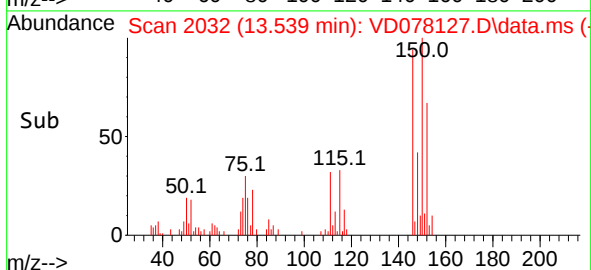
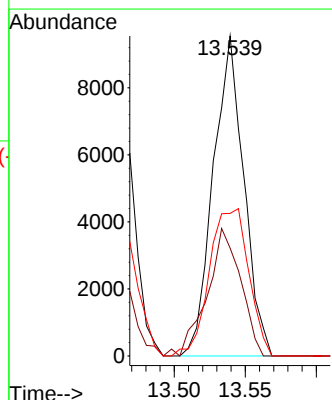
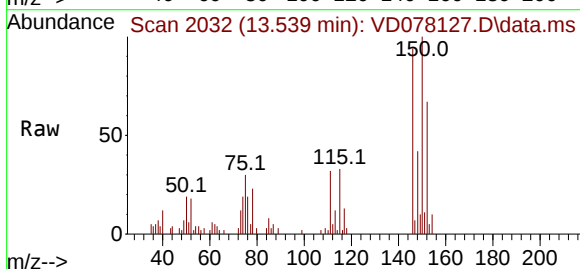
Tgt Ion:146 Resp: 14298

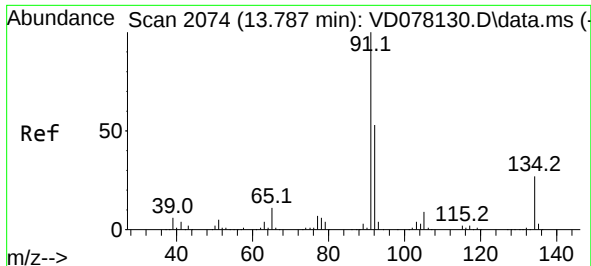
Ion Ratio Lower Upper

146 100

111 43.6 17.4 52.3

148 59.1 31.7 95.1

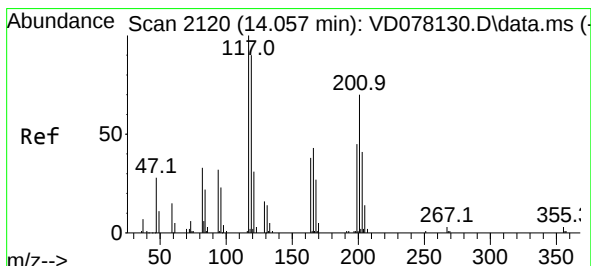
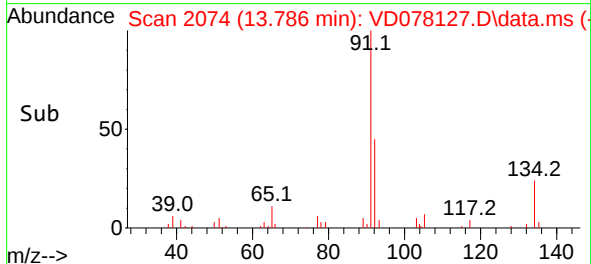
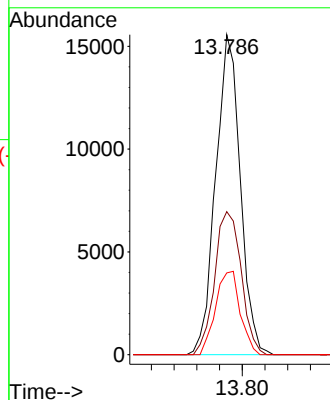
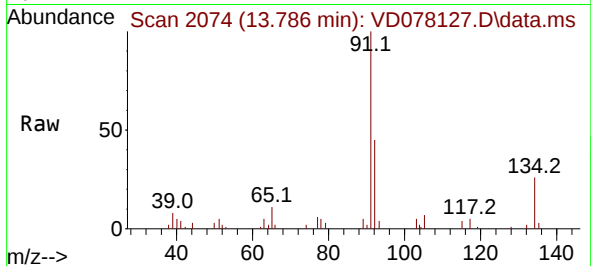




#89
n-Butylbenzene
Concen: 4.812 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

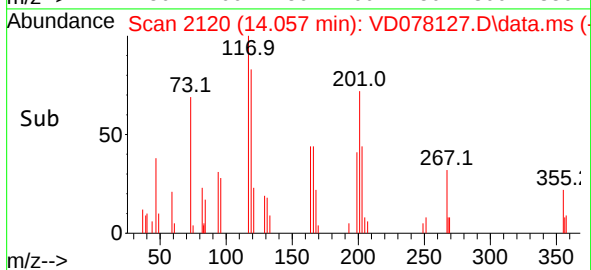
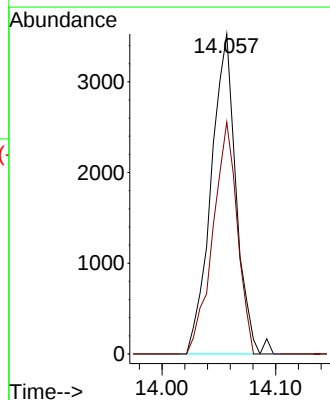
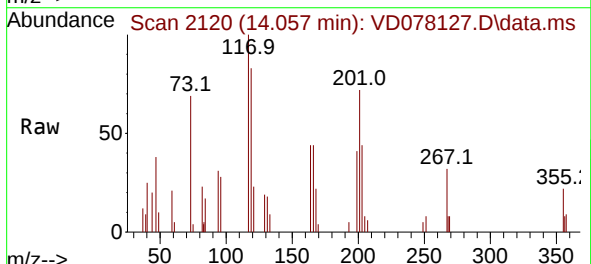
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

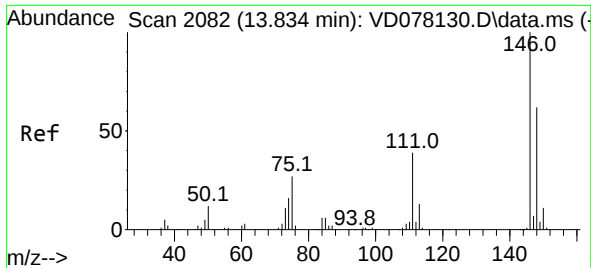
Tgt Ion:	91	Resp:	23396
Ion	Ratio	Lower	Upper
91	100		
92	48.3	26.5	79.5
134	26.1	13.8	41.3



#90
Hexachloroethane
Concen: 5.140 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion:	117	Resp:	5408
Ion	Ratio	Lower	Upper
117	100		
201	70.6	38.5	115.5

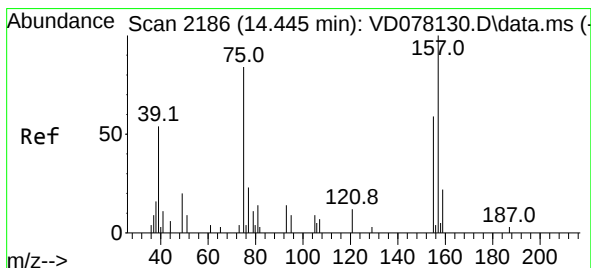
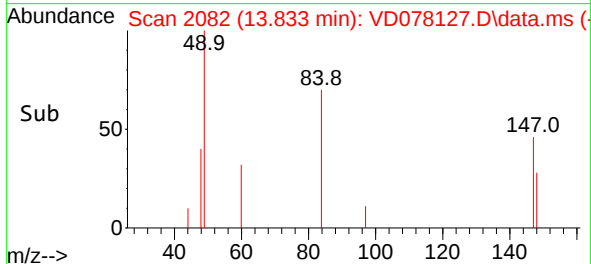
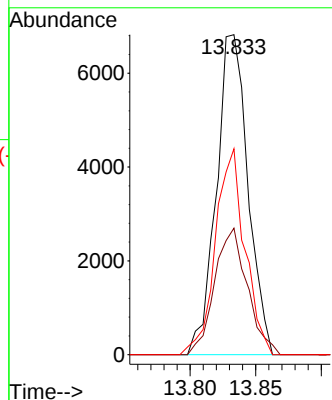
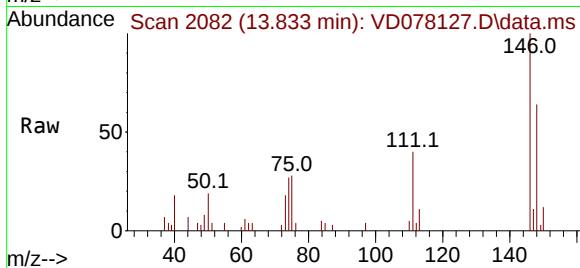




#91
1,2-Dichlorobenzene
Concen: 5.117 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

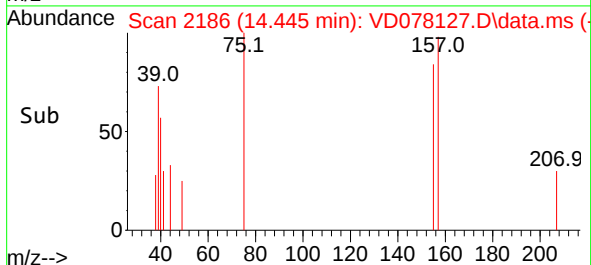
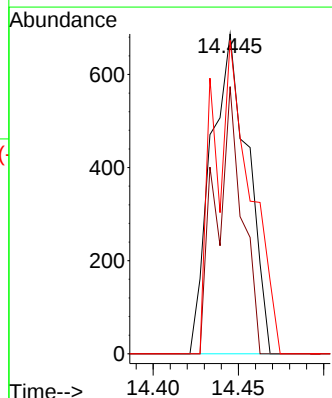
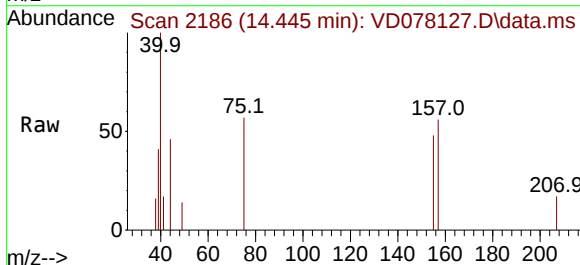
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

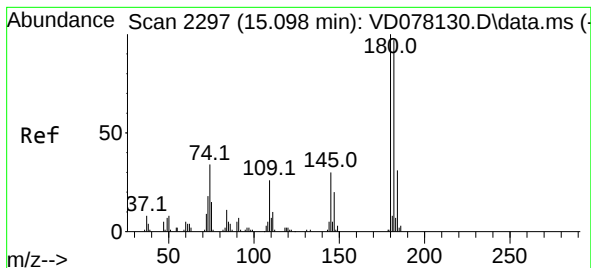
Tgt Ion:146 Resp: 11427
Ion Ratio Lower Upper
146 100
111 41.0 18.3 54.8
148 60.0 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.452 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078127.D
Acq: 08 Jan 2024 12:50

Tgt Ion: 75 Resp: 1032
Ion Ratio Lower Upper
75 100
155 59.9 47.9 143.8
157 97.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 5.320 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

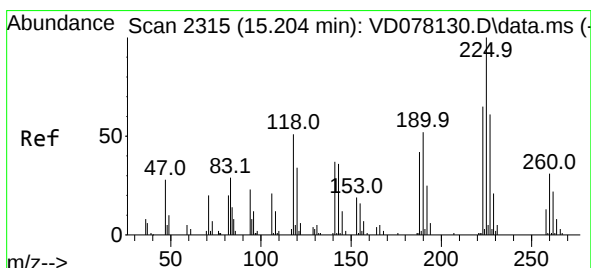
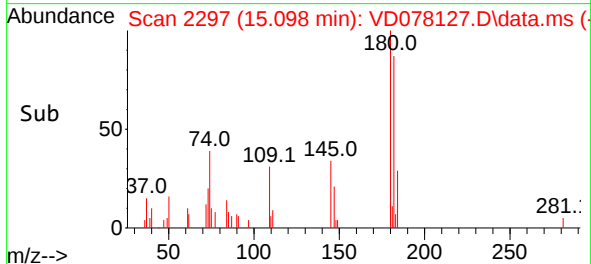
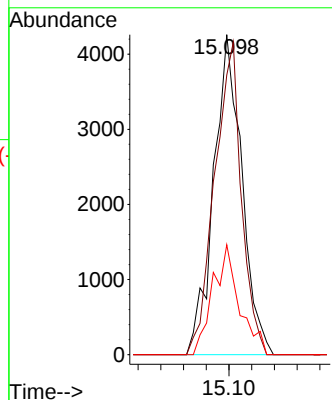
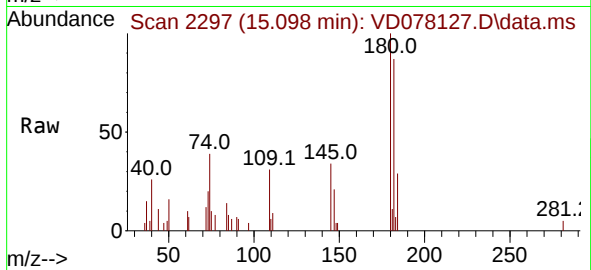
Tgt Ion:180 Resp: 7356

Ion Ratio Lower Upper

180 100

182 92.5 48.5 145.6

145 32.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 4.677 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

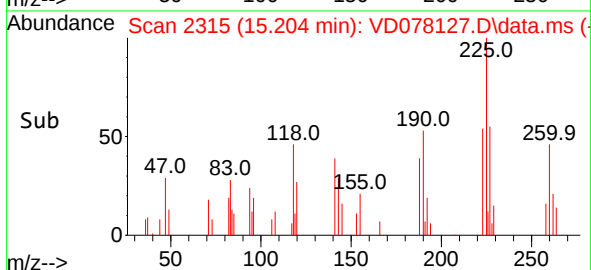
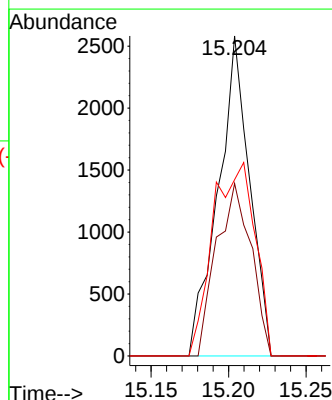
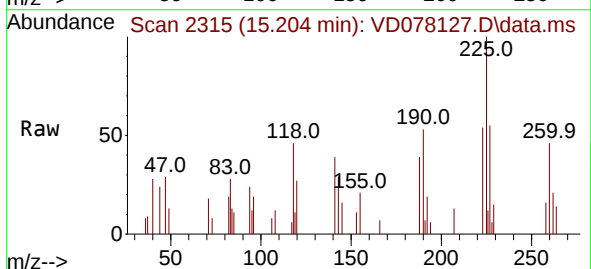
Tgt Ion:225 Resp: 3649

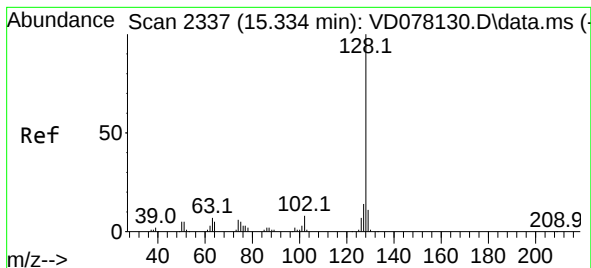
Ion Ratio Lower Upper

225 100

223 59.1 31.6 94.8

227 81.0 31.7 95.1





#95

Naphthalene

Concen: 4.544 ug/l

RT: 15.333 min Scan# 211

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

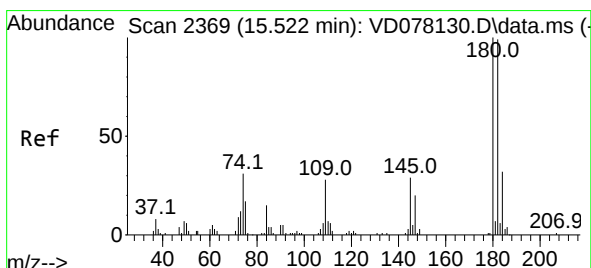
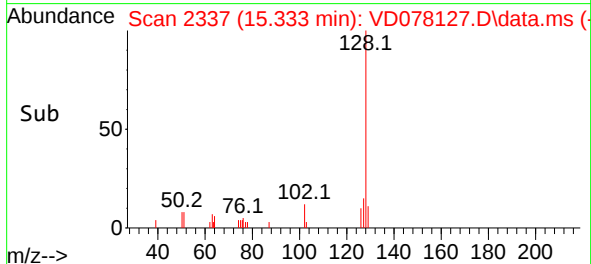
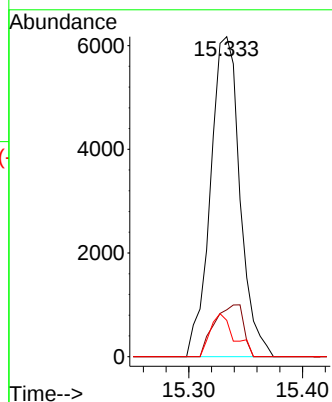
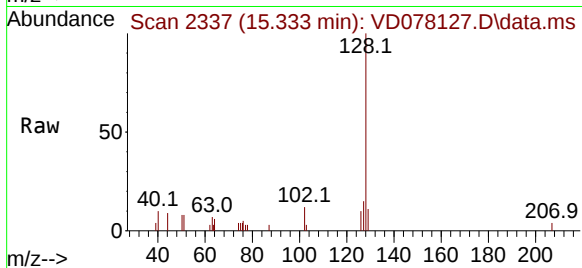
Tgt Ion:128 Resp: 11139

Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 5.275 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078127.D

Acq: 08 Jan 2024 12:50

Tgt Ion:180 Resp: 6220

Ion Ratio Lower Upper

180 100

182 91.1 47.3 141.9

145 27.3 15.1 45.3

