

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077275.D
 Acq On : 05 Oct 2023 15:08
 Operator : JC/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 06 09:13:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 09:05:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	175189	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	300542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	145991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9884	4.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	9.300%#
35) Dibromofluoromethane	7.810	113	12158	4.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.680%#
50) Toluene-d8	10.269	98	38040	4.261	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	8.520%#
62) 4-Bromofluorobenzene	12.569	95	11986	4.316	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	8.640%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	12467	5.521	ug/l	94
3) Chloromethane	2.146	50	18861	5.359	ug/l	98
4) Vinyl Chloride	2.281	62	21640	5.024	ug/l	96
5) Bromomethane	2.693	94	12272	4.033	ug/l	95
6) Chloroethane	2.834	64	9774	3.811	ug/l	# 86
7) Trichlorofluoromethane	3.175	101	15947	3.962	ug/l	98
8) Diethyl Ether	3.587	74	6353	4.862	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.963	101	13916	5.109	ug/l	99
10) Methyl Iodide	4.157	142	13545	4.036	ug/l	# 83
11) Tert butyl alcohol	5.051	59	3782	26.091	ug/l	# 88
12) 1,1-Dichloroethene	3.940	96	12267	4.614	ug/l	# 77
13) Acrolein	3.793	56	2413	42.331	ug/l	# 69
14) Allyl chloride	4.557	41	15948	4.623	ug/l	90
15) Acrylonitrile	5.257	53	13591	22.554	ug/l	98
16) Acetone	4.016	43	13805	25.545	ug/l	# 75
17) Carbon Disulfide	4.269	76	44804	4.999	ug/l	# 95
18) Methyl Acetate	4.563	43	10391	4.809	ug/l	# 67
19) Methyl tert-butyl Ether	5.322	73	23812	4.316	ug/l	92
20) Methylene Chloride	4.799	84	35729	3.125	ug/l	90
21) trans-1,2-Dichloroethene	5.304	96	14719	4.689	ug/l	95
22) Diisopropyl ether	6.216	45	28950	3.948	ug/l	# 89
23) Vinyl Acetate	6.157	43	72355	24.131	ug/l	94
24) 1,1-Dichloroethane	6.110	63	24671	4.727	ug/l	98
25) 2-Butanone	7.081	43	16764	22.732	ug/l	95
26) 2,2-Dichloropropane	7.075	77	22227	4.991	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	14682	4.363	ug/l	79
29) Tetrahydrofuran	7.445	42	8322	19.711	ug/l	88
30) Chloroform	7.598	83	26527	4.890	ug/l	92
31) Cyclohexane	7.875	56	22116	5.118	ug/l	# 90
32) 1,1,1-Trichloroethane	7.787	97	22373	4.825	ug/l	98
36) 1,1-Dichloropropene	8.010	75	19821	4.732	ug/l	96
37) Ethyl Acetate	7.169	43	7740	4.641	ug/l	# 85
38) Carbon Tetrachloride	7.992	117	17622	4.546	ug/l	99
39) Methylcyclohexane	9.275	83	20828	4.343	ug/l	95
40) Benzene	8.245	78	56718	4.545	ug/l	98
41) Methacrylonitrile	7.404	41	3840	4.492	ug/l	87

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Quant Time: Oct 06 09:13:51 2023
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 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 09:05:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.328	62	13998	4.732	ug/l	99
43) Isopropyl Acetate	8.363	43	12576	4.274	ug/l #	80
44) Trichloroethene	9.034	130	15656	4.901	ug/l	83
45) 1,2-Dichloropropane	9.304	63	14112	4.596	ug/l	92
46) Dibromomethane	9.392	93	8261	4.825	ug/l	89
47) Bromodichloromethane	9.586	83	17831	4.493	ug/l #	94
48) Methyl methacrylate	9.381	41	5851	4.293	ug/l #	82
49) 1,4-Dioxane	9.381	88	1414	82.954	ug/l #	79
51) 4-Methyl-2-Pentanone	10.163	43	31008	20.310	ug/l	89
52) Toluene	10.334	92	31792	4.155	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	16629	4.381	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	19261	4.227	ug/l #	90
55) 1,1,2-Trichloroethane	10.739	97	11295	4.836	ug/l	90
56) Ethyl methacrylate	10.604	69	10247	4.023	ug/l	92
57) 1,3-Dichloropropane	10.881	76	17437	4.567	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	13513	41.416	ug/l	92
59) 2-Hexanone	10.928	43	22183	20.292	ug/l	87
60) Dibromochloromethane	11.069	129	12300	4.601	ug/l	95
61) 1,2-Dibromoethane	11.181	107	10397	4.785	ug/l	91
64) Tetrachloroethene	10.810	164	11995	4.531	ug/l #	87
65) Chlorobenzene	11.604	112	38276	4.704	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	12799	4.463	ug/l	97
67) Ethyl Benzene	11.686	91	60367	4.165	ug/l	97
68) m/p-Xylenes	11.792	106	45257	8.034	ug/l	90
69) o-Xylene	12.122	106	19901	3.888	ug/l	89
70) Styrene	12.139	104	33796	3.844	ug/l	96
71) Bromoform	12.292	173	7574	4.755	ug/l #	94
73) Isopropylbenzene	12.422	105	52646	3.986	ug/l	96
74) N-amyl acetate	12.233	43	10836	3.995	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.675	83	11888	4.529	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	13477	9.138	ug/l #	100
77) Bromobenzene	12.698	156	13483	4.373	ug/l	90
78) n-propylbenzene	12.763	91	67486	4.070	ug/l	95
79) 2-Chlorotoluene	12.851	91	37244	4.173	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	42346	3.879	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	3828	4.497	ug/l	94
82) 4-Chlorotoluene	12.951	91	38978	4.147	ug/l	96
83) tert-Butylbenzene	13.169	119	36669	3.941	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	42033	3.851	ug/l	99
85) sec-Butylbenzene	13.345	105	57021	3.996	ug/l	96
86) p-Isopropyltoluene	13.457	119	45528	3.841	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	29029	4.536	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	29593	4.674	ug/l	93
89) n-Butylbenzene	13.786	91	47218	4.135	ug/l	96
90) Hexachloroethane	14.051	117	10786	4.545	ug/l	90
91) 1,2-Dichlorobenzene	13.833	146	24131	4.418	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1329	3.910	ug/l	75
93) 1,2,4-Trichlorobenzene	15.098	180	13916	4.240	ug/l	96
94) Hexachlorobutadiene	15.210	225	7591	4.390	ug/l	97
95) Naphthalene	15.333	128	24181	3.829	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.521	180	12240	4.193	ug/l	96

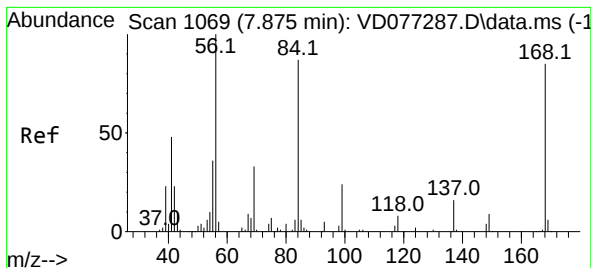
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
Data File : VD077275.D
Acq On : 05 Oct 2023 15:08
Operator : JC/SY
Sample : VSTDICC005
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Oct 06 09:13:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 09:05:10 2023
Response via : Initial Calibration

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

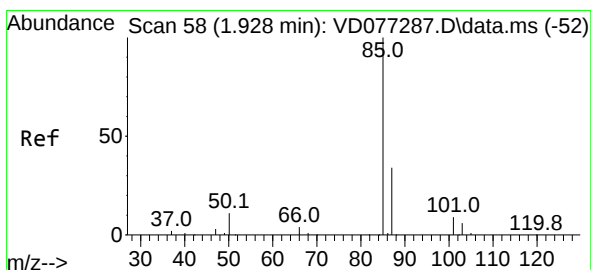
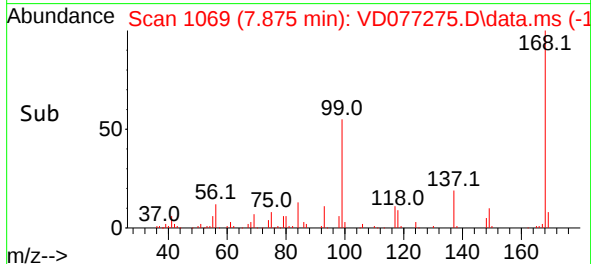
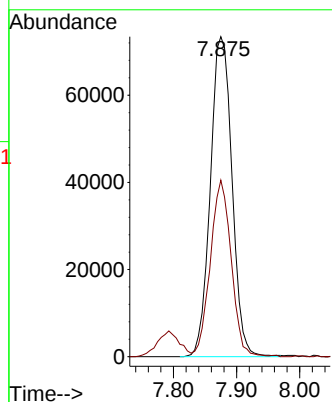
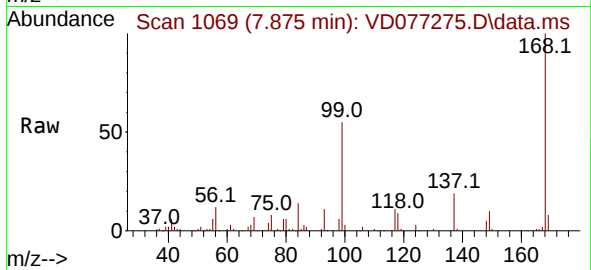
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

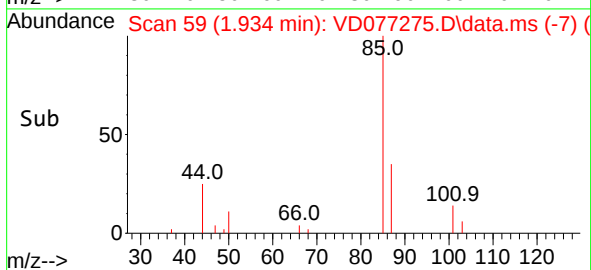
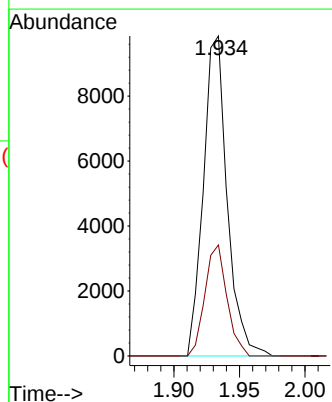
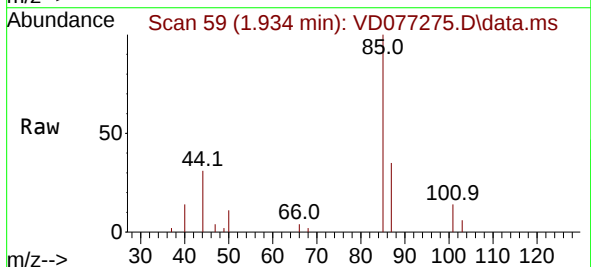
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MSVOA_D
ClientSampleId :
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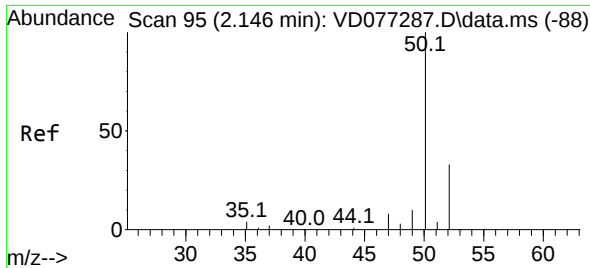
Tgt Ion:168 Resp: 175189
Ion Ratio Lower Upper
168 100
99 55.2 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 5.521 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 85 Resp: 12467
Ion Ratio Lower Upper
85 100
87 34.7 15.7 47.0

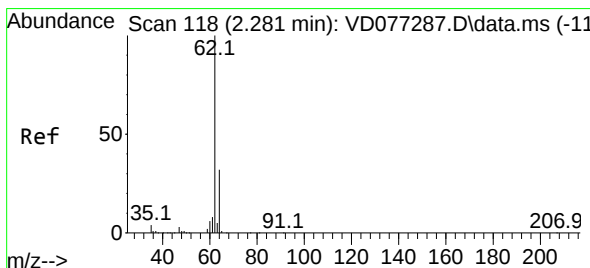
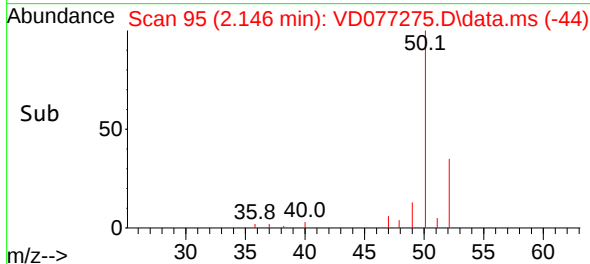
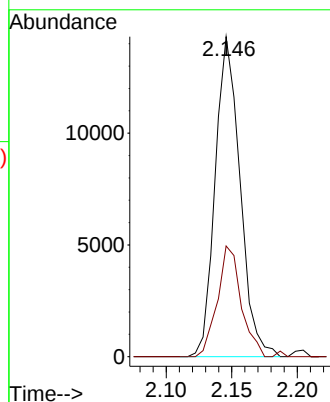
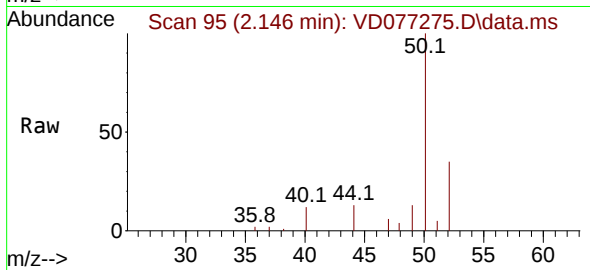




#3
Chloromethane
Concen: 5.359 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

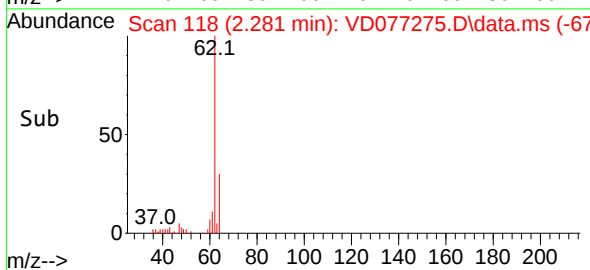
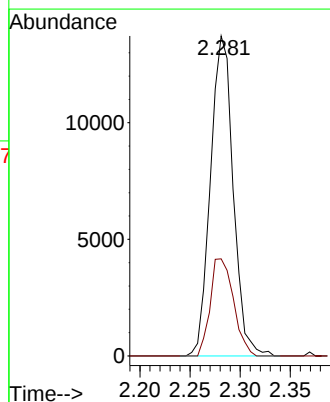
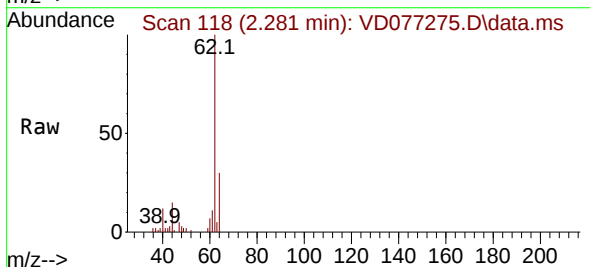
Instrument :
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ClientSampleId :
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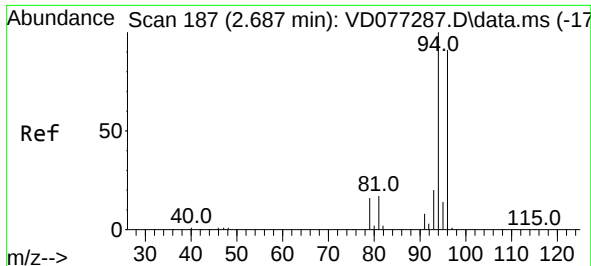
Tgt Ion: 50 Resp: 18861
Ion Ratio Lower Upper
50 100
52 34.6 26.6 40.0



#4
Vinyl Chloride
Concen: 5.024 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 62 Resp: 21640
Ion Ratio Lower Upper
62 100
64 30.3 26.0 39.0

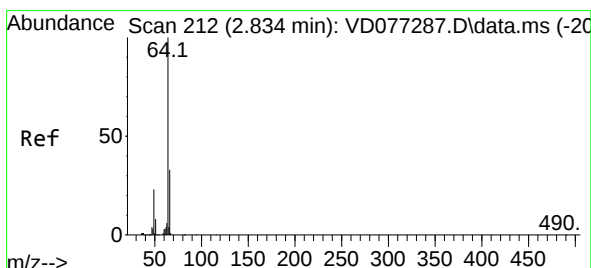
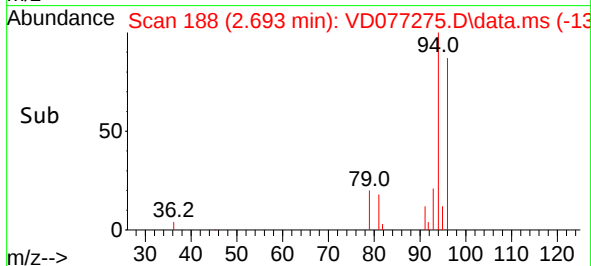
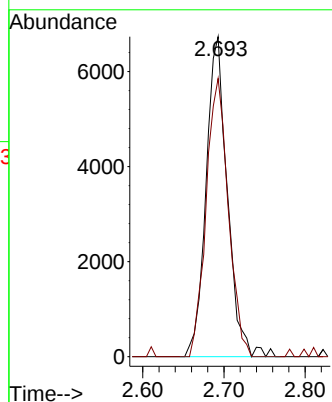
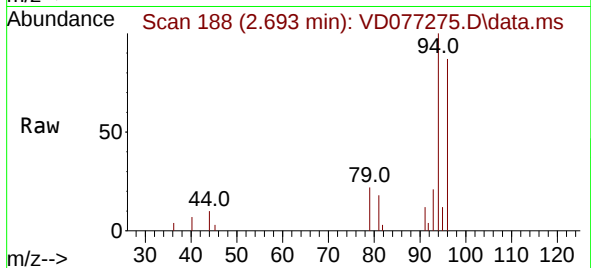




#5
Bromomethane
Concen: 4.033 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.012 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

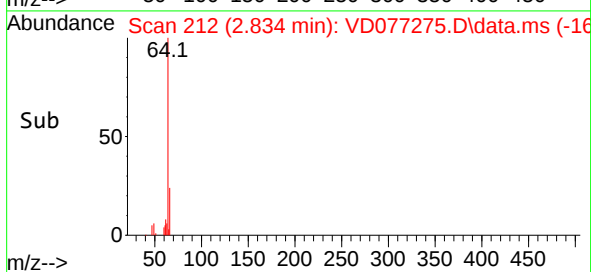
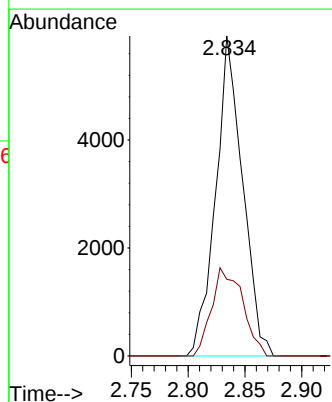
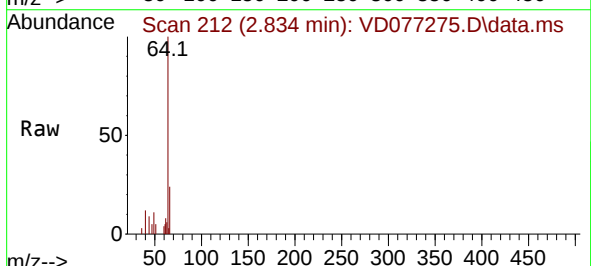
Instrument :
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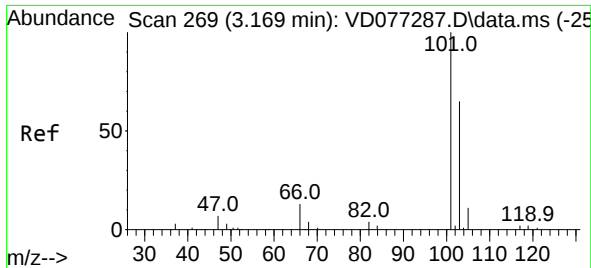
Tgt Ion: 94 Resp: 12272
Ion Ratio Lower Upper
94 100
96 90.3 75.8 113.8



#6
Chloroethane
Concen: 3.811 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 64 Resp: 9774
Ion Ratio Lower Upper
64 100
66 23.9 25.5 38.3#

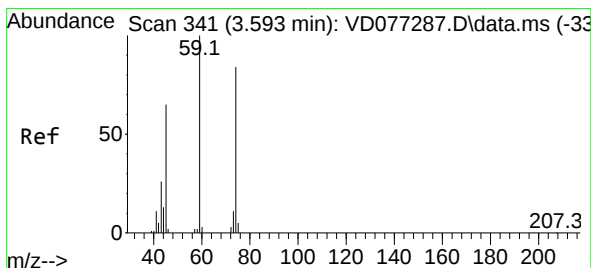
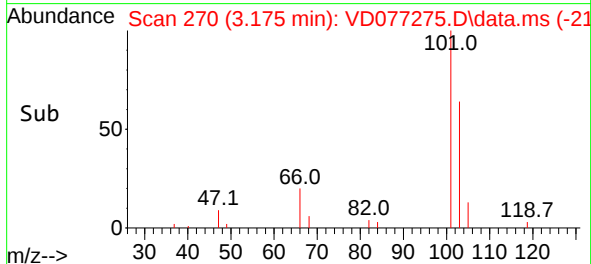
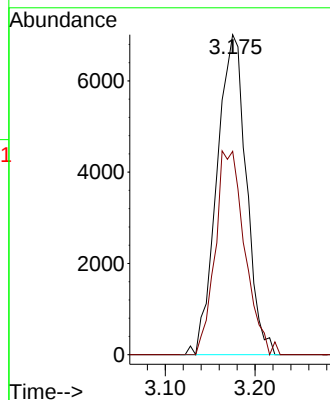
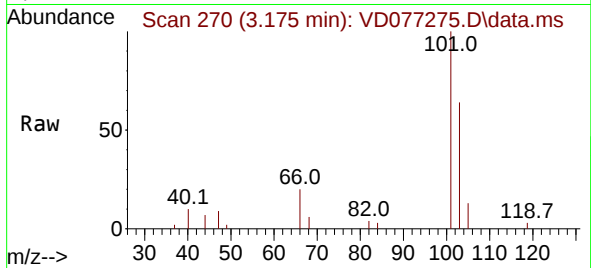




#7
Trichlorofluoromethane
Concen: 3.962 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

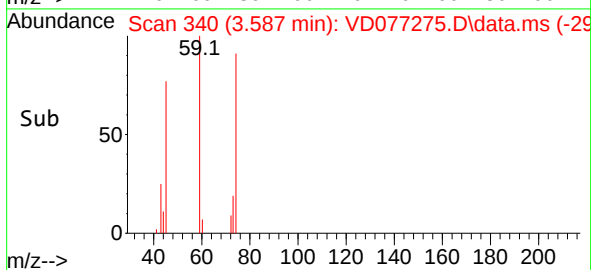
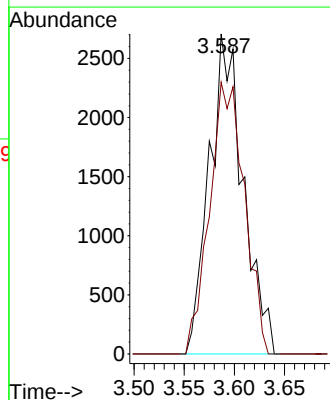
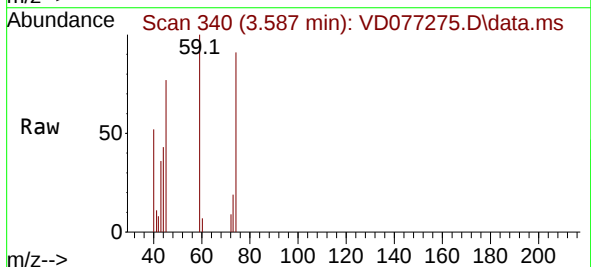
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

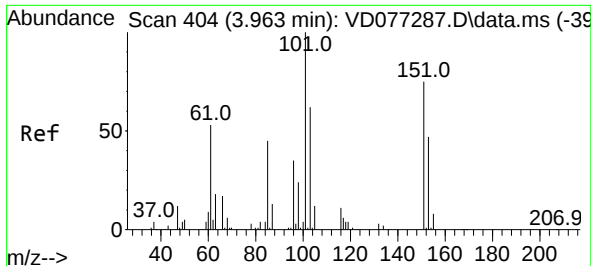
Tgt Ion:101 Resp: 15947
Ion Ratio Lower Upper
101 100
103 63.6 52.3 78.5



#8
Diethyl Ether
Concen: 4.862 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 74 Resp: 6353
Ion Ratio Lower Upper
74 100
45 87.3 37.5 112.7

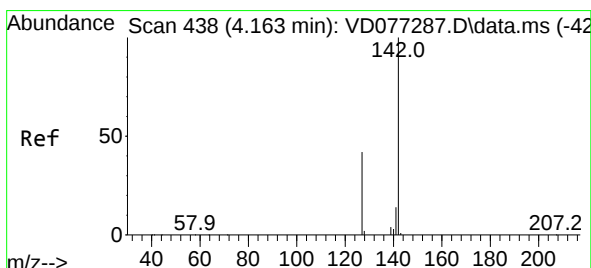
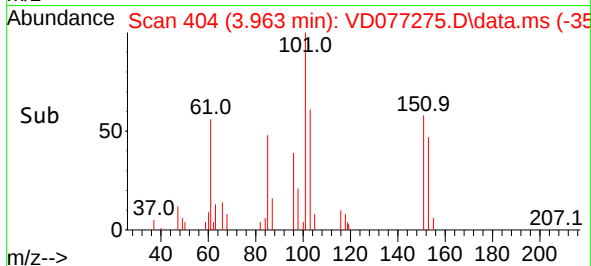
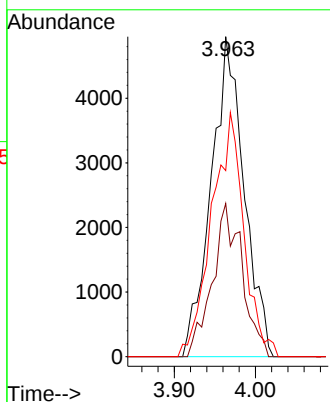
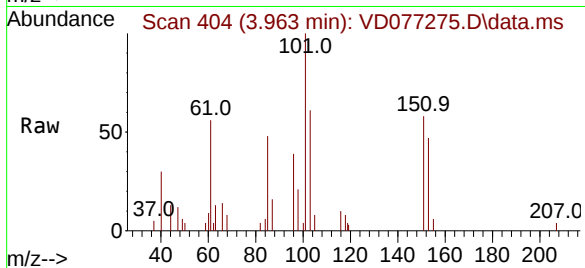




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.109 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

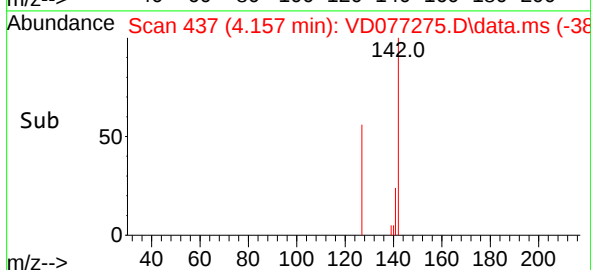
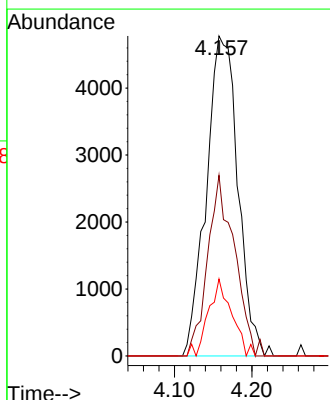
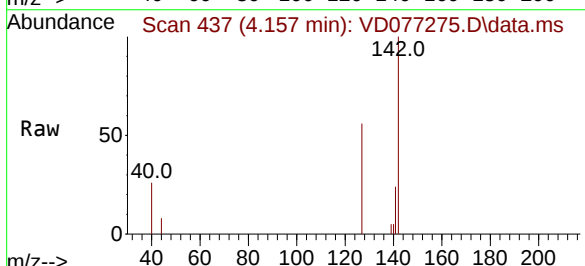
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

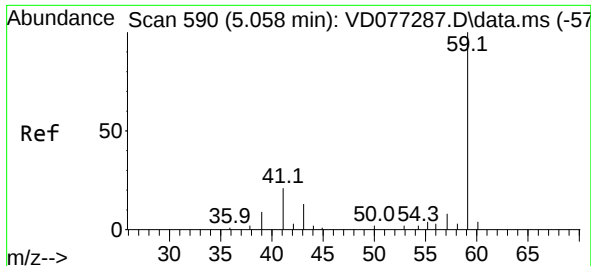
Tgt Ion:	101	Resp:	13916
Ion	Ratio	Lower	Upper
101	100		
85	43.4	33.8	50.6
151	74.7	59.8	89.6



#10
Methyl Iodide
Concen: 4.036 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion:	142	Resp:	13545
Ion	Ratio	Lower	Upper
142	100		
127	48.2	29.4	44.0#
141	17.8	11.1	16.7#

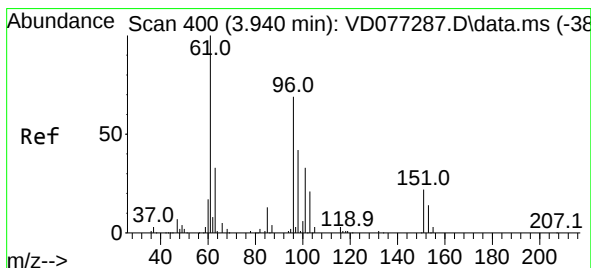
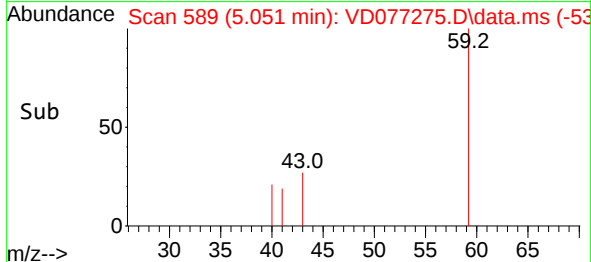
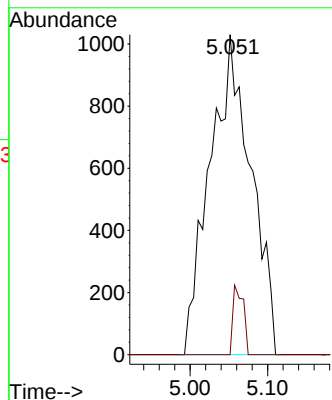
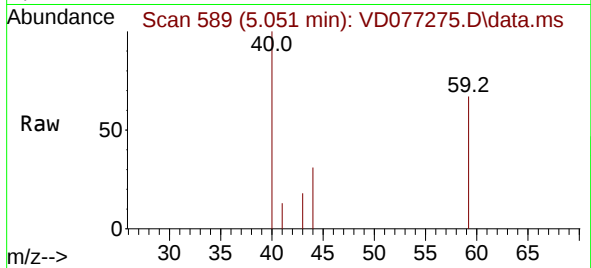




#11
Tert butyl alcohol
Concen: 26.091 ug/l
RT: 5.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

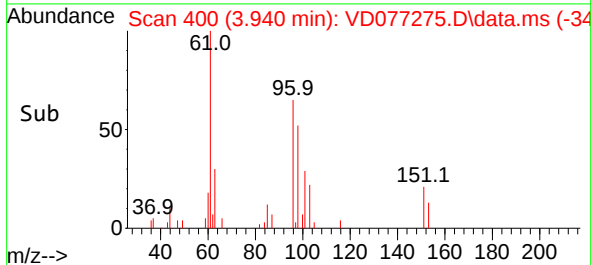
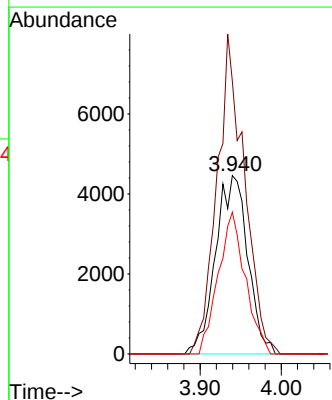
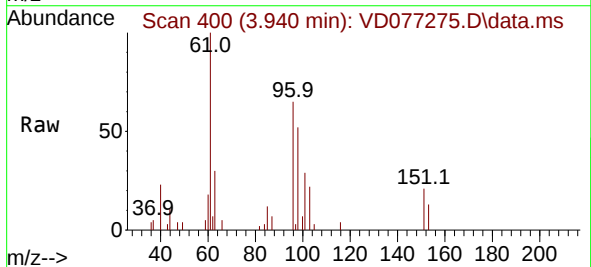
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

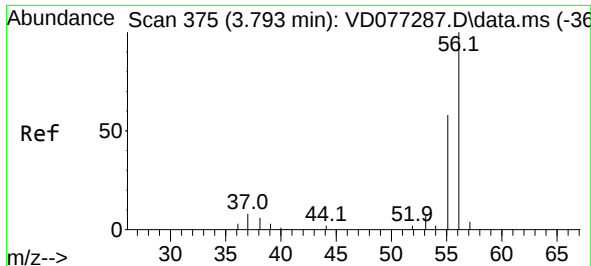
Tgt Ion: 59 Resp: 3782
Ion Ratio Lower Upper
59 100
57 5.4 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 4.614 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 96 Resp: 12267
Ion Ratio Lower Upper
96 100
61 152.9 100.6 150.8#
98 79.5 50.2 75.2#

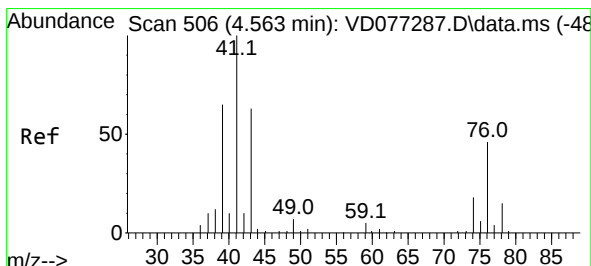
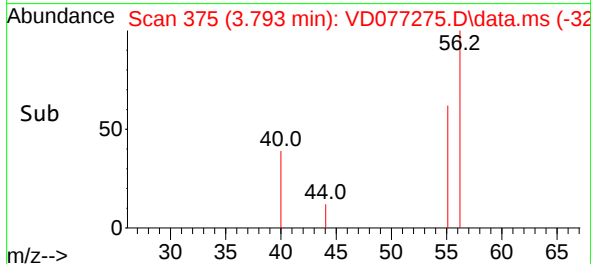
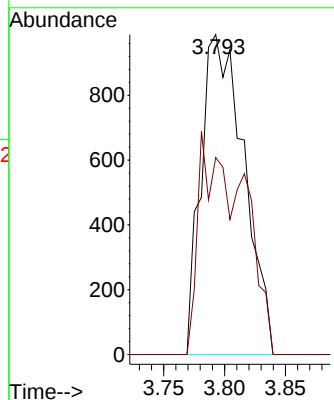
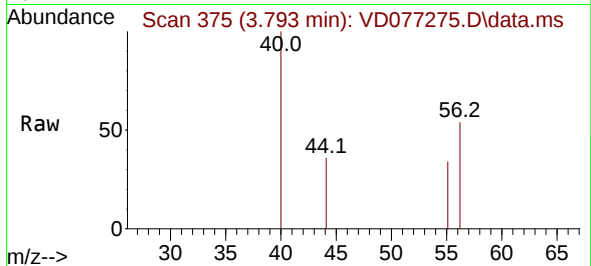




#13
Acrolein
Concen: 42.331 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

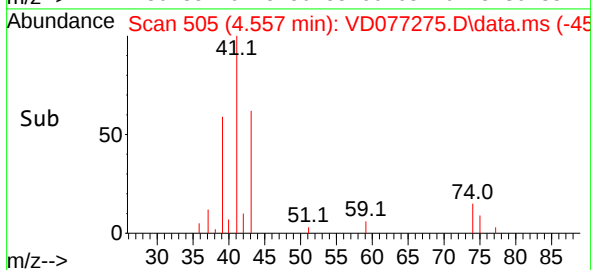
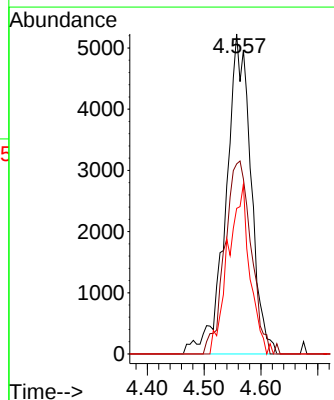
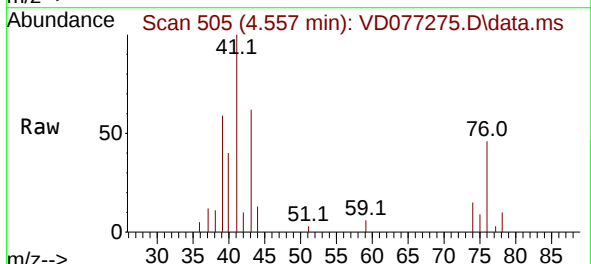
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

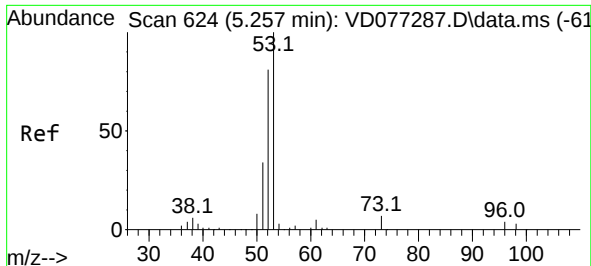
Tgt Ion: 56 Resp: 2413
Ion Ratio Lower Upper
56 100
55 43.4 55.1 82.7#



#14
Allyl chloride
Concen: 4.623 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 41 Resp: 15948
Ion Ratio Lower Upper
41 100
39 63.3 53.8 80.6
76 46.1 45.8 68.8

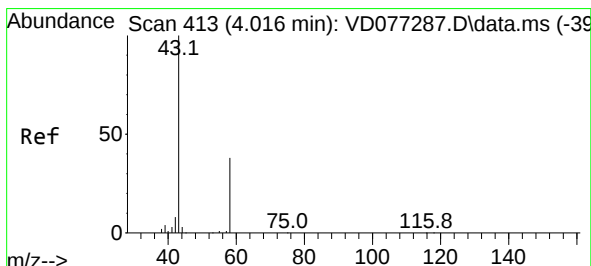
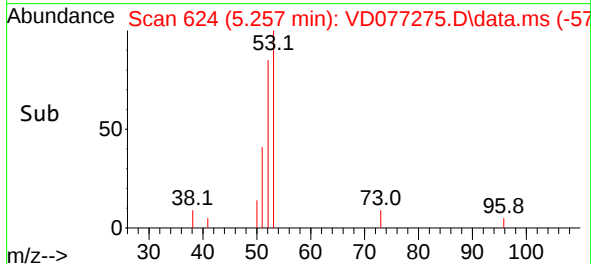
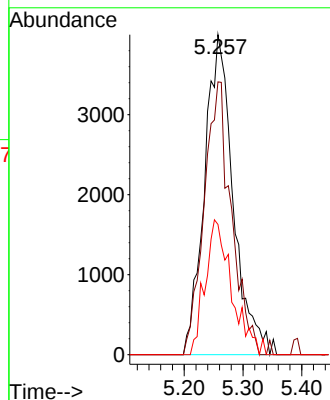
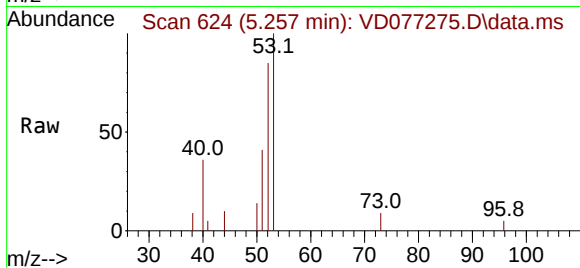




#15
Acrylonitrile
Concen: 22.554 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

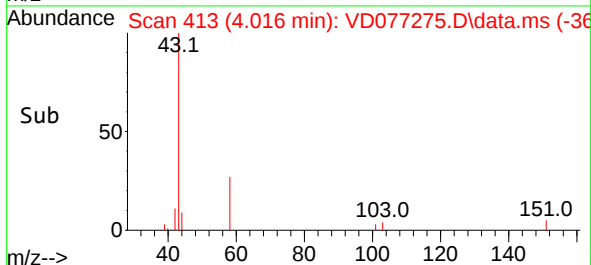
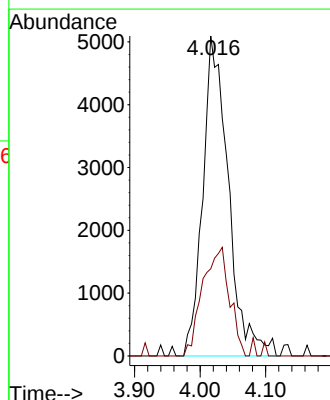
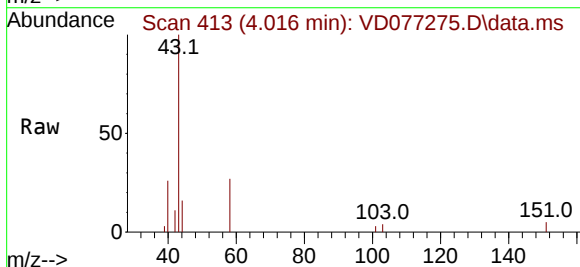
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

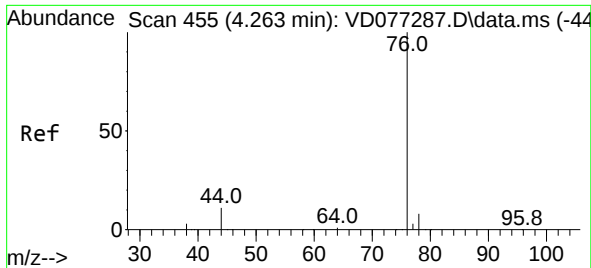
Tgt Ion:	53	Resp:	13591
Ion	Ratio	Lower	Upper
53	100		
52	80.6	65.0	97.4
51	39.0	28.3	42.5



#16
Acetone
Concen: 25.545 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion:	43	Resp:	13805
Ion	Ratio	Lower	Upper
43	100		
58	27.3	34.7	52.1#

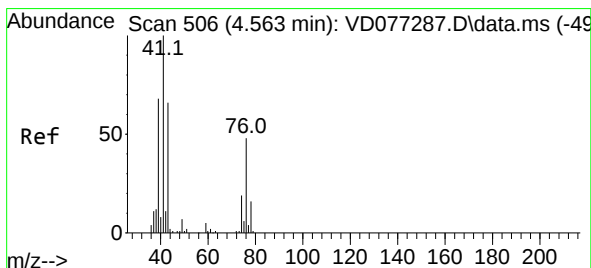
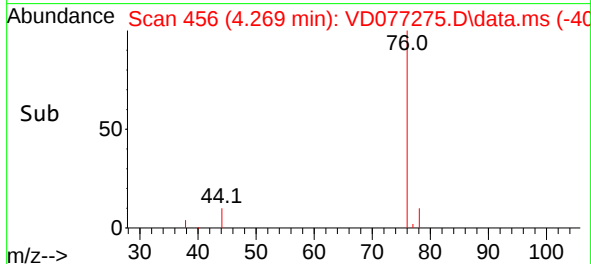
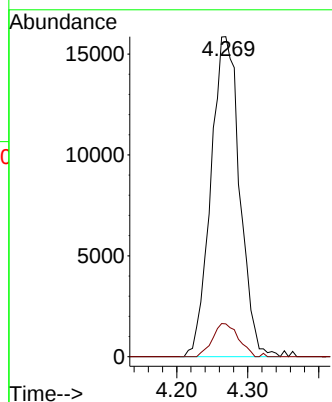
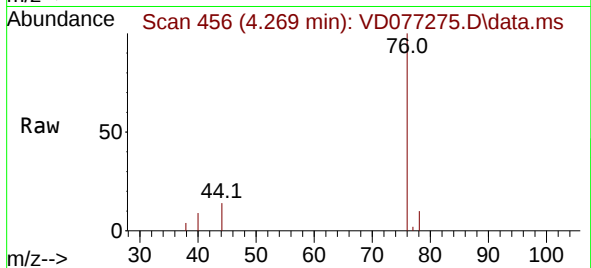




#17
Carbon Disulfide
Concen: 4.999 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

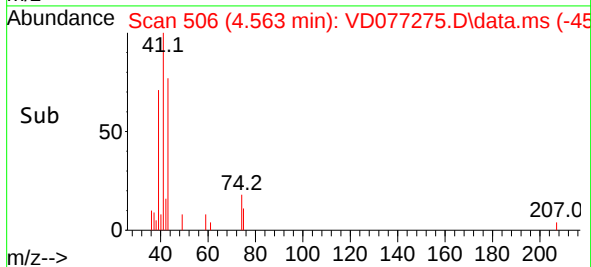
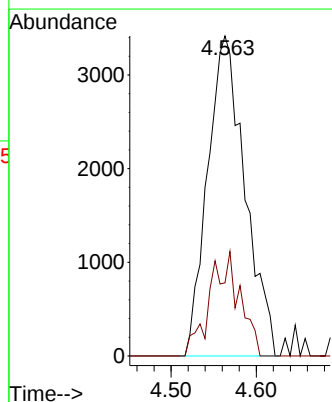
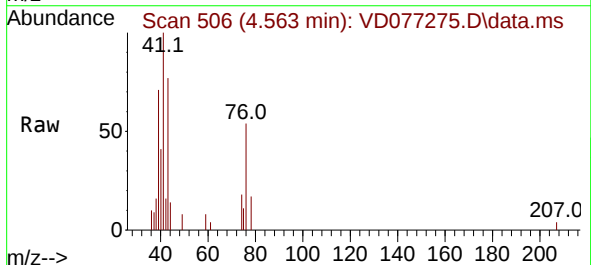
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

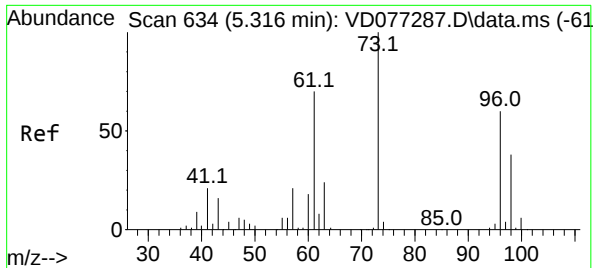
Tgt Ion: 76 Resp: 44804
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2#



#18
Methyl Acetate
Concen: 4.809 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 43 Resp: 10391
Ion Ratio Lower Upper
43 100
74 14.5 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 4.316 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

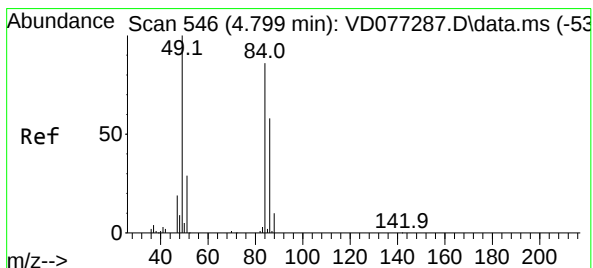
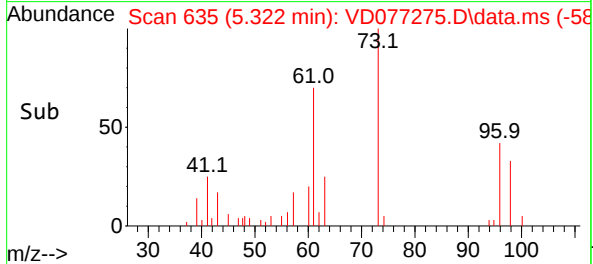
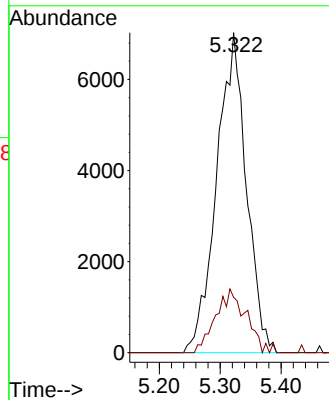
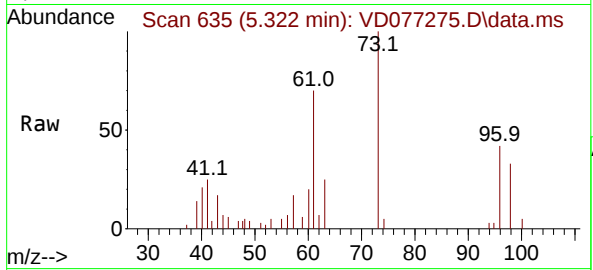
VSTDIC005

Tgt Ion: 73 Resp: 23812

Ion Ratio Lower Upper

73 100

57 17.3 16.6 25.0



#20

Methylene Chloride

Concen: 3.125 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

Tgt Ion: 84 Resp: 35729

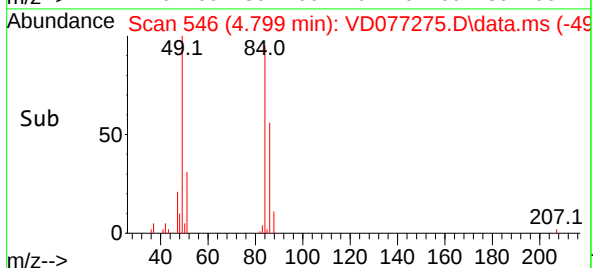
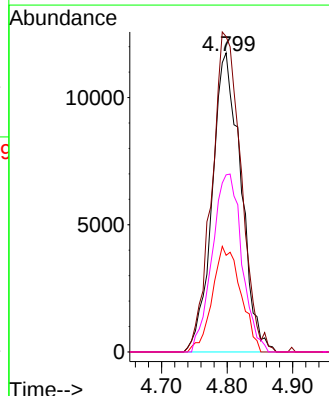
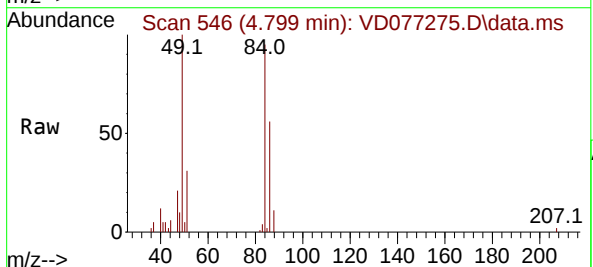
Ion Ratio Lower Upper

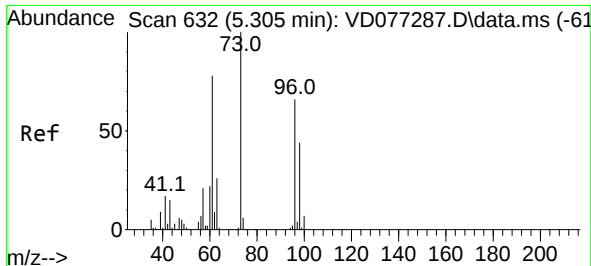
84 100

49 105.5 71.4 107.2

51 32.3 24.5 36.7

86 59.2 48.7 73.1

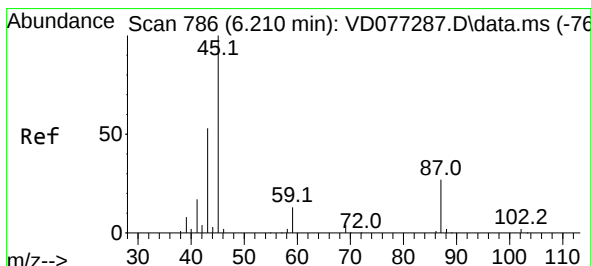
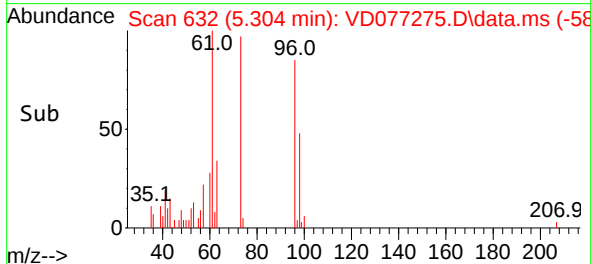
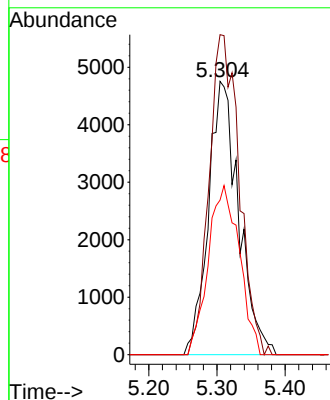
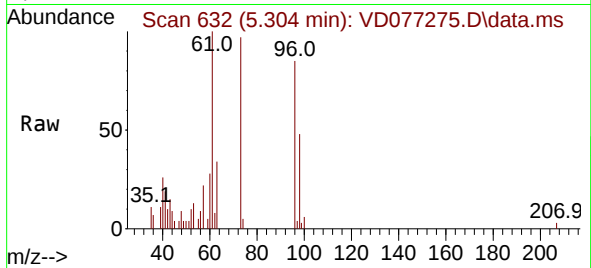




#21
trans-1,2-Dichloroethene
Concen: 4.689 ug/l
RT: 5.304 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

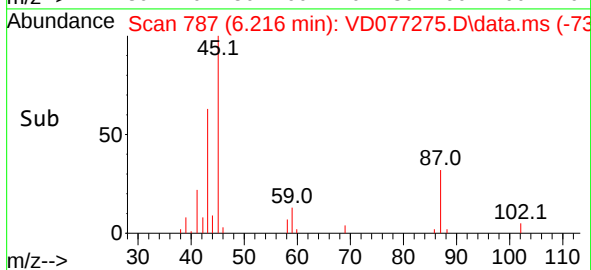
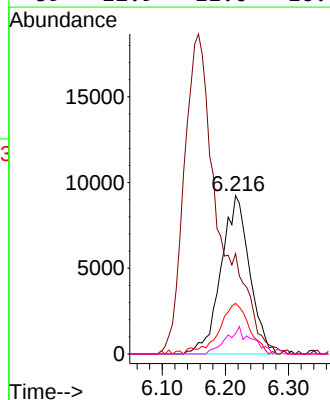
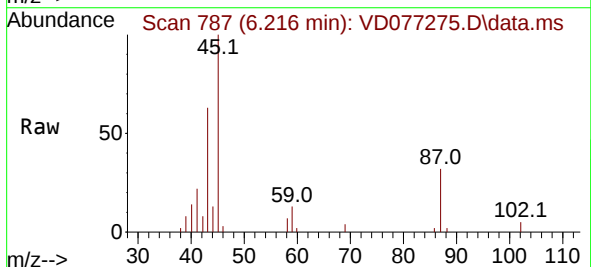
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

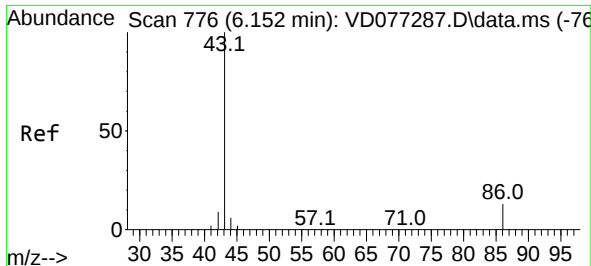
Tgt Ion: 96 Resp: 14719
Ion Ratio Lower Upper
96 100
61 117.1 89.3 133.9
98 56.6 48.6 73.0



#22
Diisopropyl ether
Concen: 3.948 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 45 Resp: 28950
Ion Ratio Lower Upper
45 100
43 61.2 40.0 60.0#
87 32.0 28.2 42.4
59 12.9 11.0 16.4

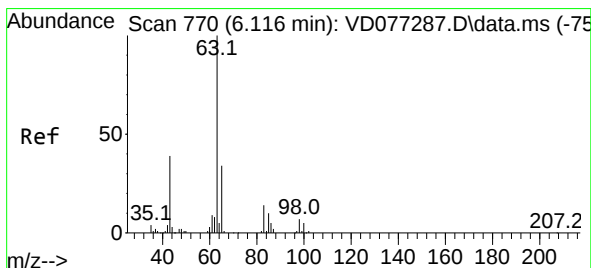
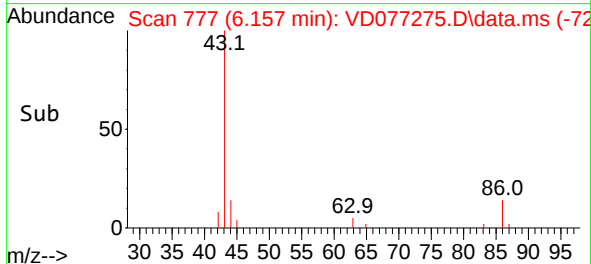
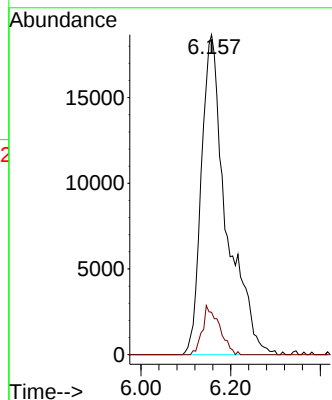
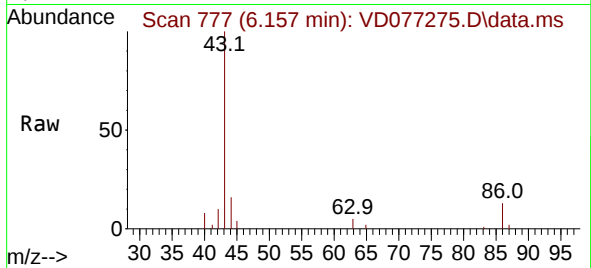




#23
 Vinyl Acetate
 Concen: 24.131 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077275.D
 Acq: 05 Oct 2023 15:08

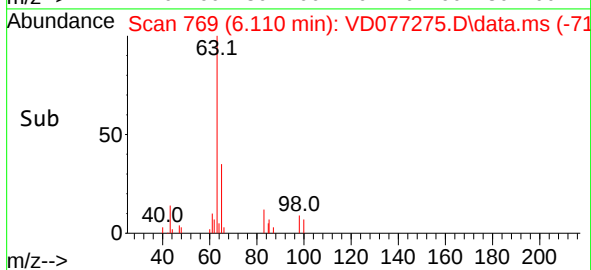
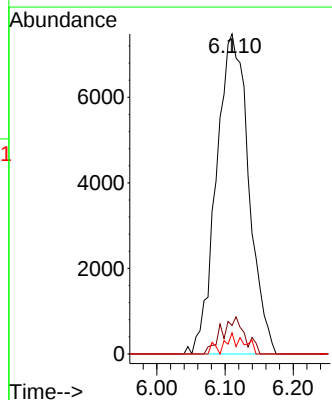
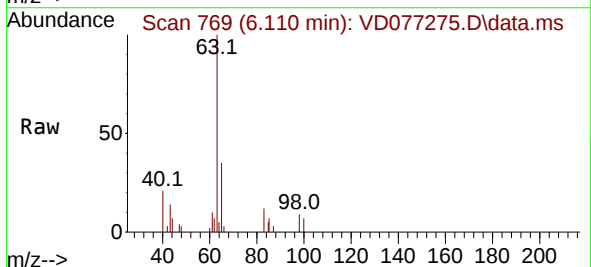
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

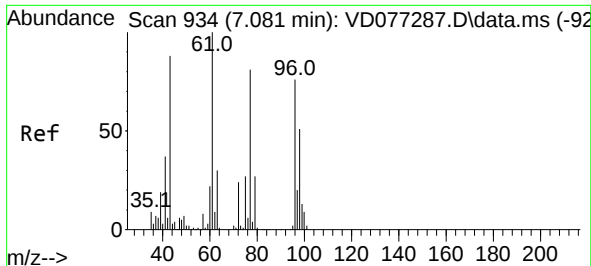
Tgt Ion: 43 Resp: 72355
 Ion Ratio Lower Upper
 43 100
 86 13.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 4.727 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD077275.D
 Acq: 05 Oct 2023 15:08

Tgt Ion: 63 Resp: 24671
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.5 13.7
 100 6.6 2.5 7.5

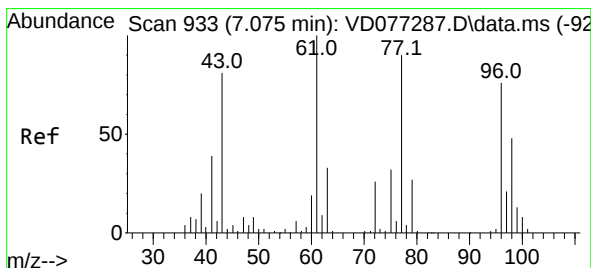
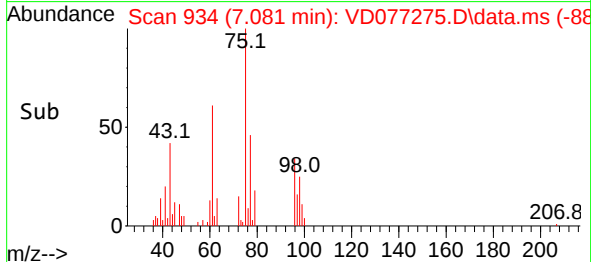
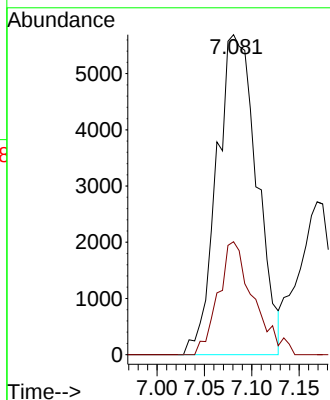
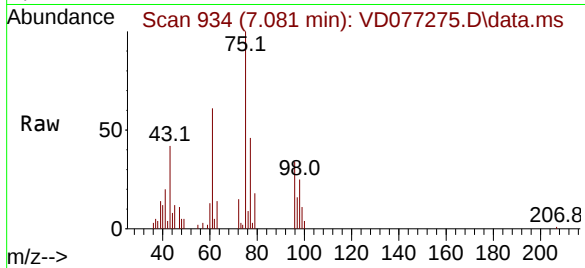




#25
2-Butanone
Concen: 22.732 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

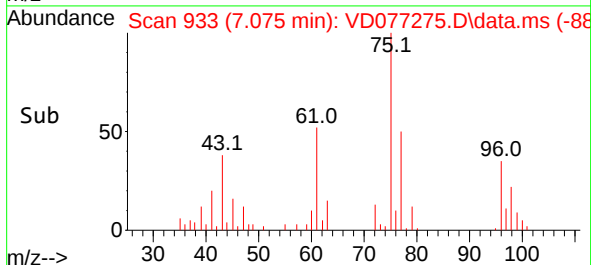
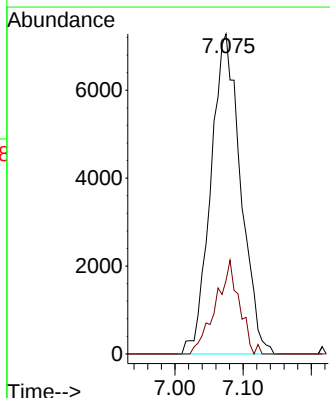
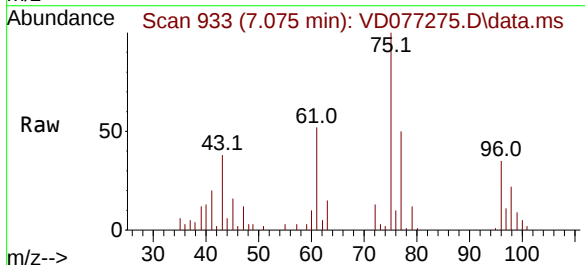
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

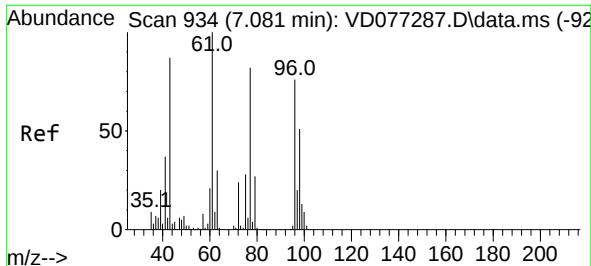
Tgt Ion: 43 Resp: 16764
Ion Ratio Lower Upper
43 100
72 35.3 30.7 46.1



#26
2,2-Dichloropropane
Concen: 4.991 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 77 Resp: 22227
Ion Ratio Lower Upper
77 100
97 23.3 13.2 39.6



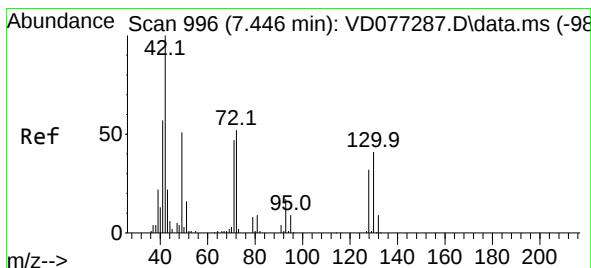
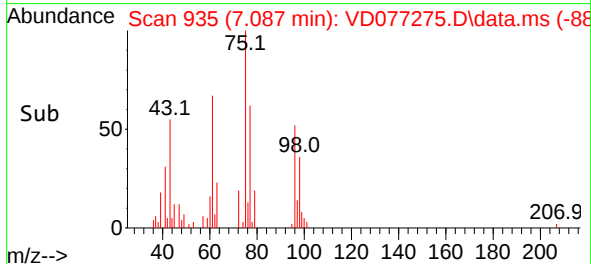
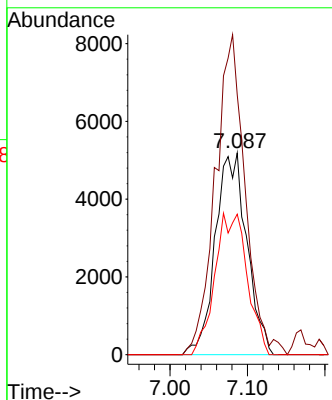
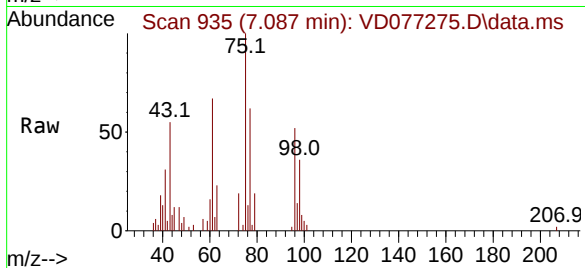


#27
 cis-1,2-Dichloroethene
 Concen: 4.363 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VD077275.D
 Acq: 05 Oct 2023 15:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 14682

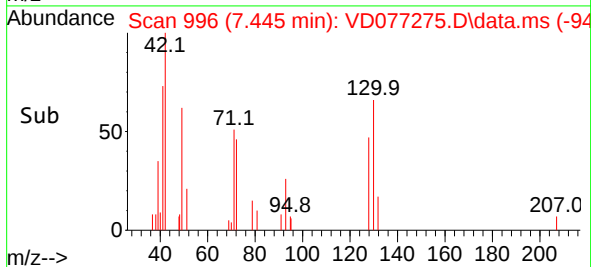
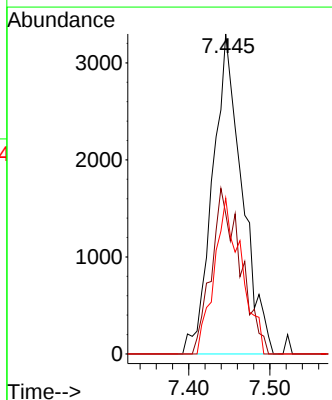
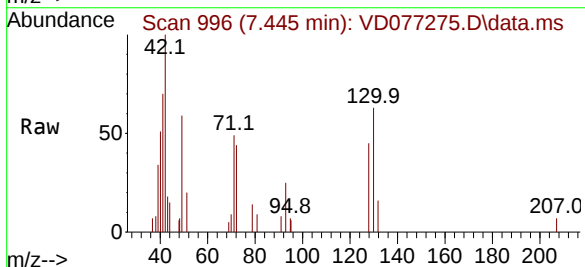
Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	239.2
98	71.8	0.0	128.6

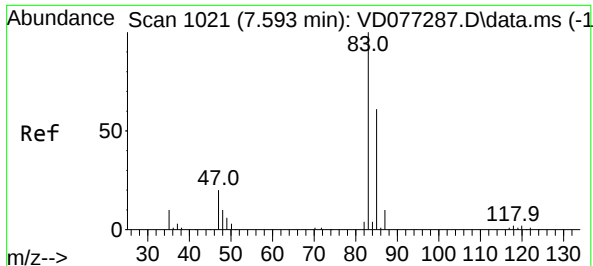


#29
 Tetrahydrofuran
 Concen: 19.711 ug/l
 RT: 7.445 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VD077275.D
 Acq: 05 Oct 2023 15:08

Tgt Ion: 42 Resp: 8322

Ion	Ratio	Lower	Upper
42	100		
72	51.2	46.5	69.7
71	45.0	44.5	66.7





#30

Chloroform

Concen: 4.890 ug/l

RT: 7.598 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

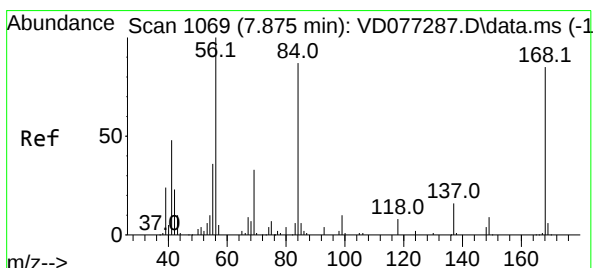
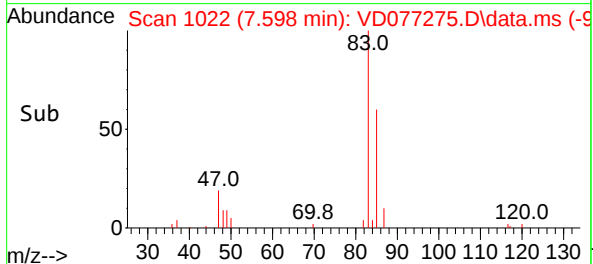
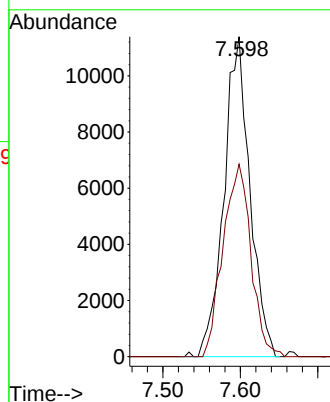
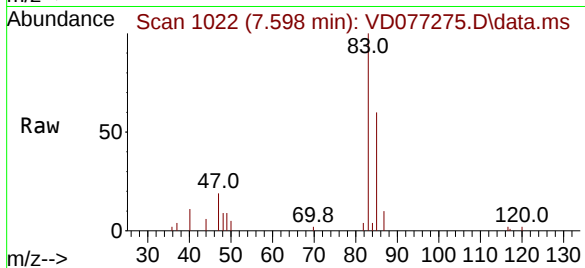
VSTDIC005

Tgt Ion: 83 Resp: 26527

Ion Ratio Lower Upper

83 100

85 60.1 53.4 80.2



#31

Cyclohexane

Concen: 5.118 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

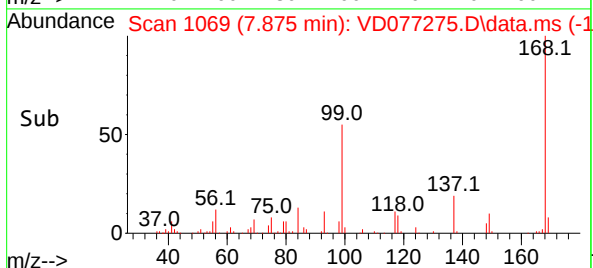
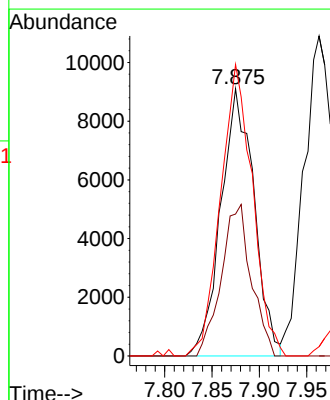
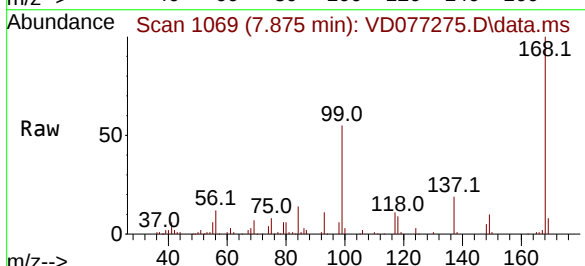
Tgt Ion: 56 Resp: 22116

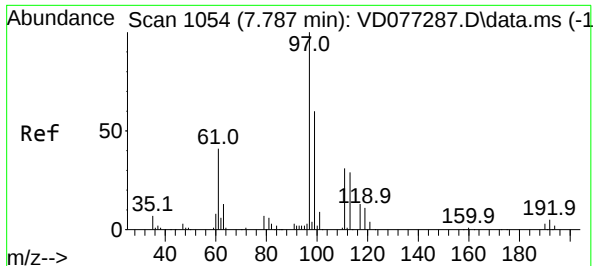
Ion Ratio Lower Upper

56 100

69 53.1 28.6 43.0#

84 109.1 84.8 127.2





#32

1,1,1-Trichloroethane

Concen: 4.825 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

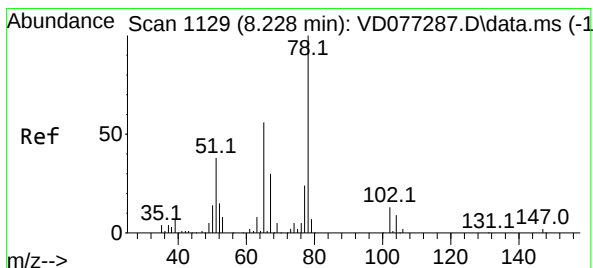
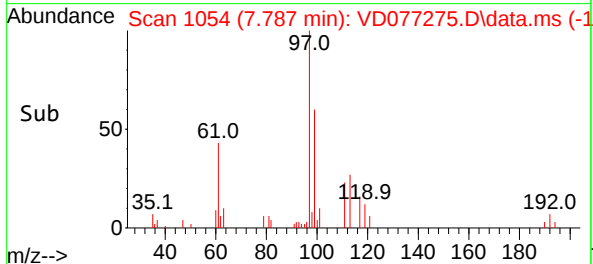
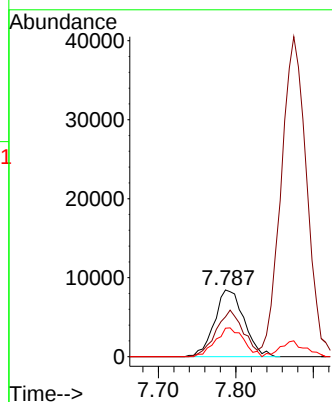
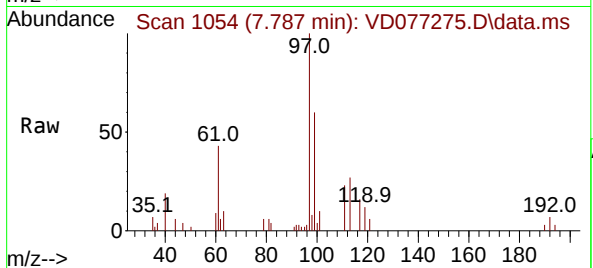
Tgt Ion: 97 Resp: 22373

Ion Ratio Lower Upper

97 100

99 64.1 52.0 78.0

61 41.0 33.8 50.8



#33

1,2-Dichloroethane-d4

Concen: 4.650 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077275.D

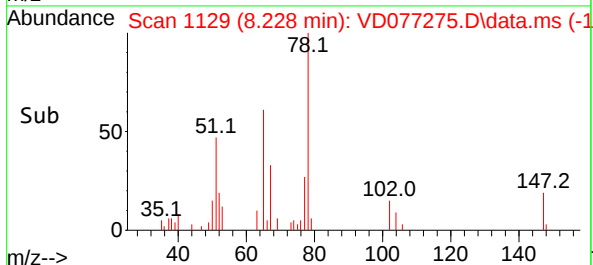
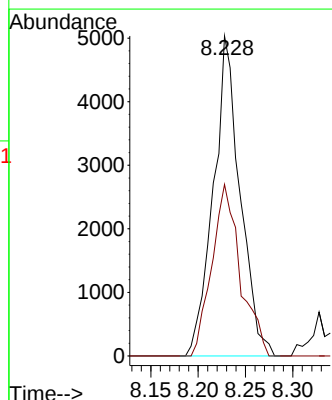
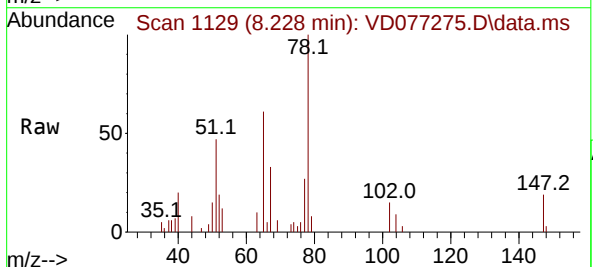
Acq: 05 Oct 2023 15:08

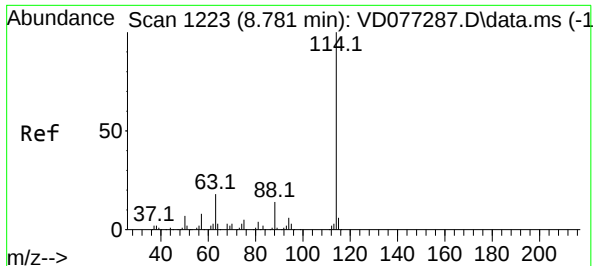
Tgt Ion: 65 Resp: 9884

Ion Ratio Lower Upper

65 100

67 57.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

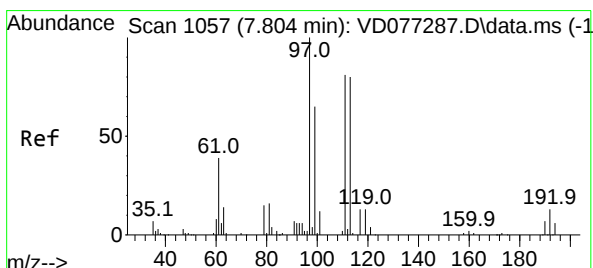
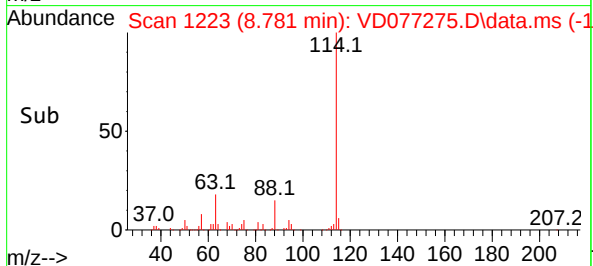
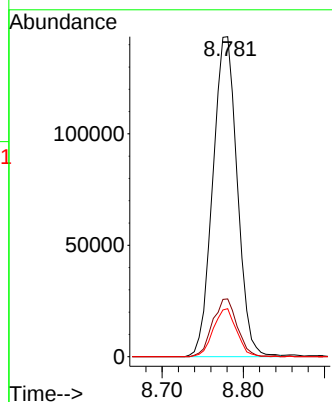
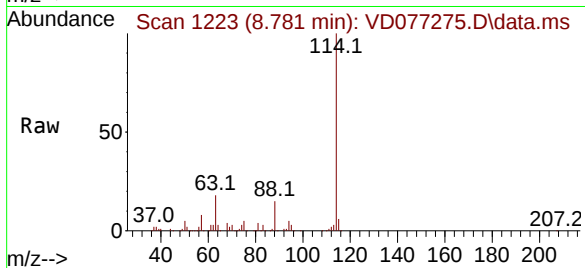
Tgt Ion:114 Resp: 300542

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 15.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 4.838 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

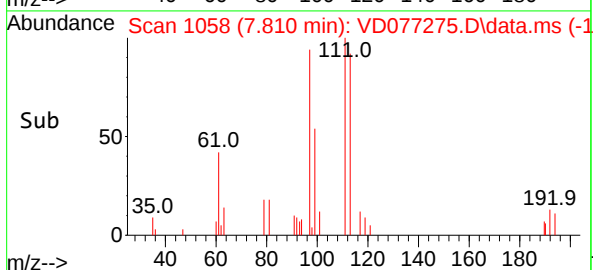
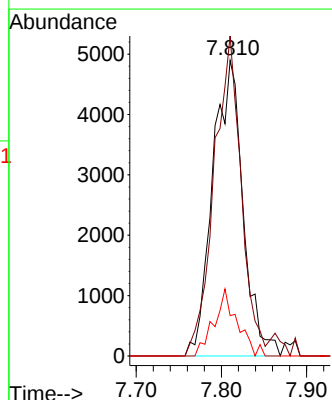
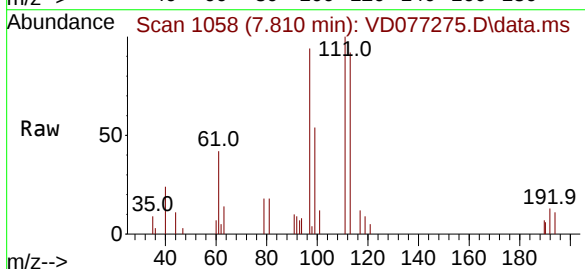
Tgt Ion:113 Resp: 12158

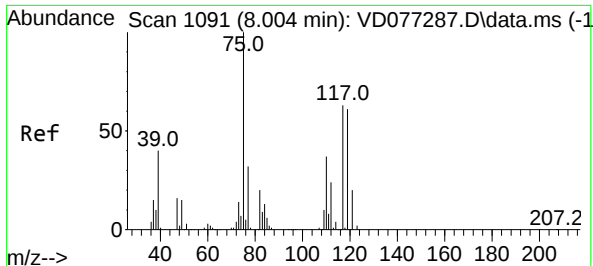
Ion Ratio Lower Upper

113 100

111 96.2 84.7 127.1

192 17.3 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.732 ug/l

RT: 8.010 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

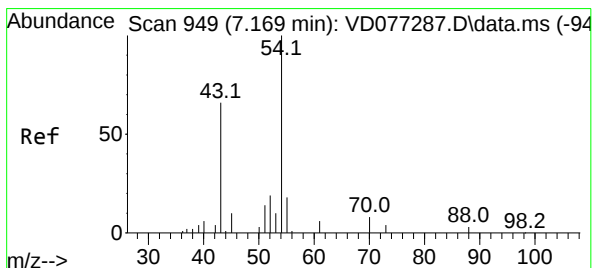
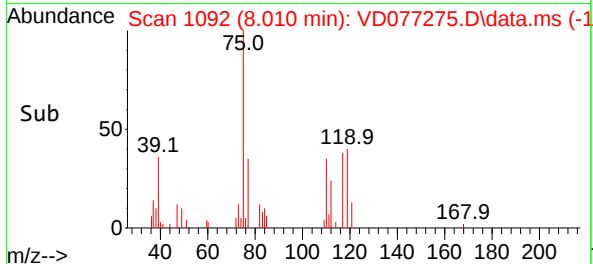
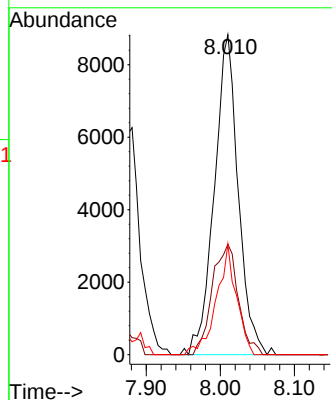
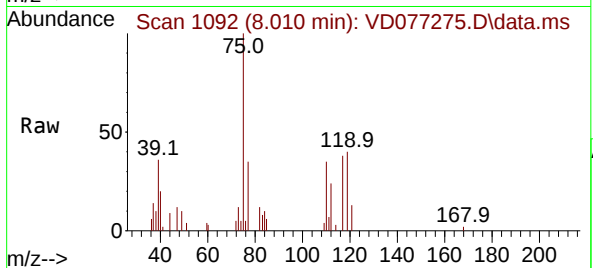
Tgt Ion: 75 Resp: 19821

Ion Ratio Lower Upper

75 100

110 37.5 19.9 59.6

77 28.9 24.7 37.1



#37

Ethyl Acetate

Concen: 4.641 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

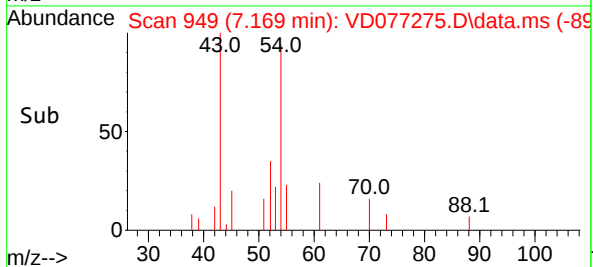
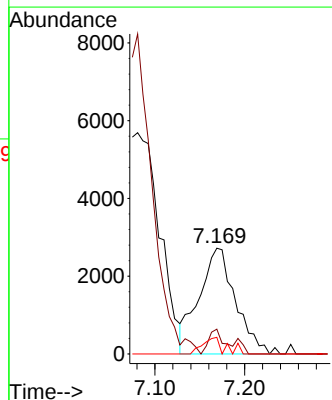
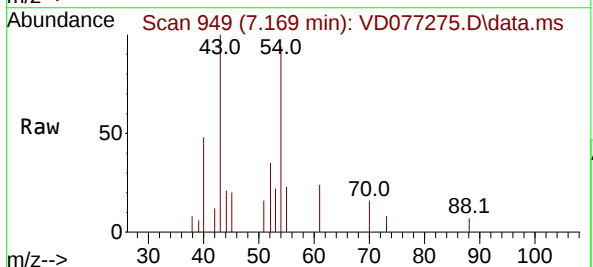
Tgt Ion: 43 Resp: 7740

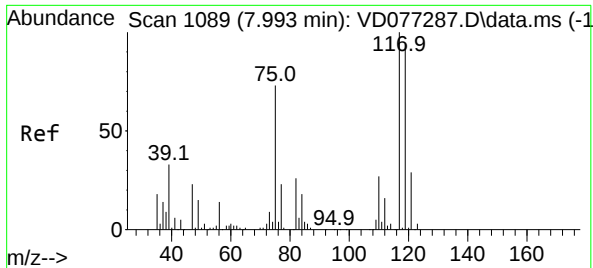
Ion Ratio Lower Upper

43 100

61 9.7 14.9 22.3#

70 9.3 10.0 15.0#

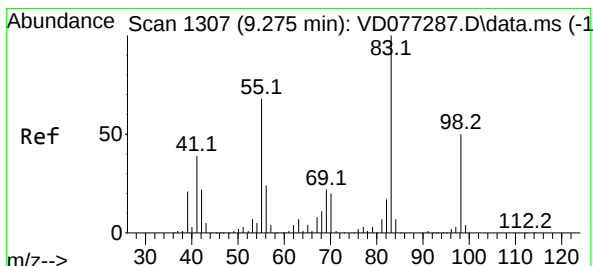
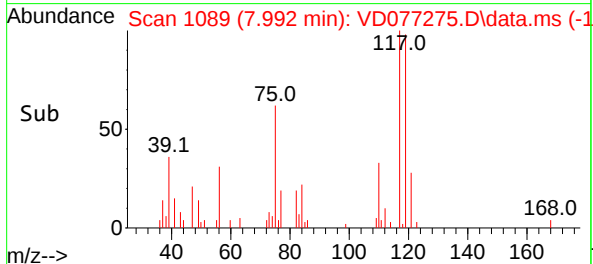
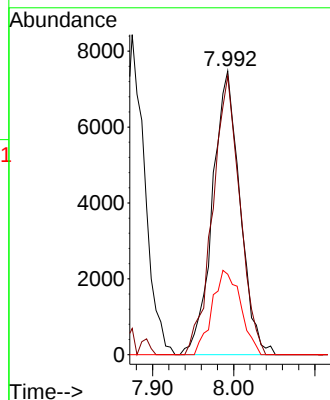
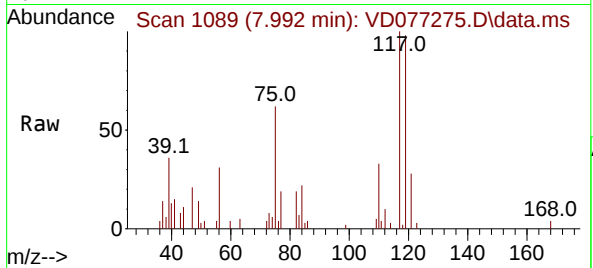




#38
Carbon Tetrachloride
Concen: 4.546 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

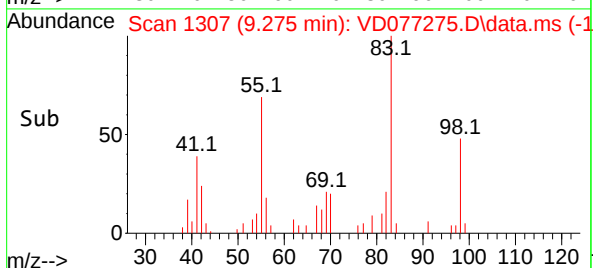
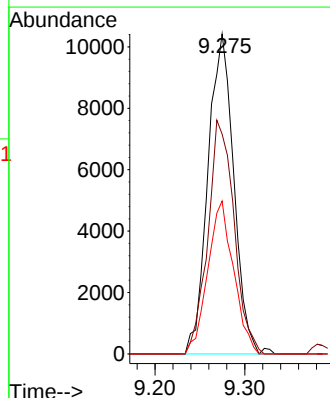
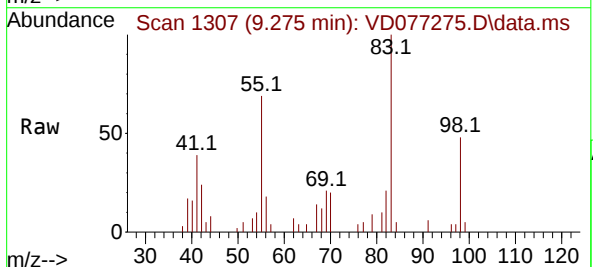
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

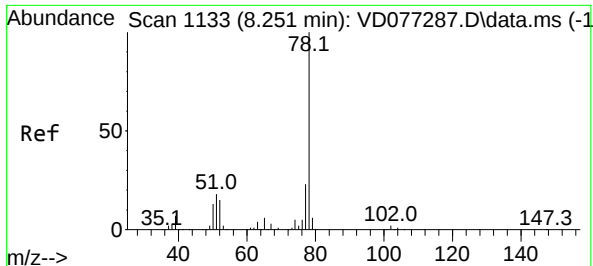
Tgt Ion:117 Resp: 17622
Ion Ratio Lower Upper
117 100
119 98.2 78.0 117.0
121 28.4 24.2 36.2



#39
Methylcyclohexane
Concen: 4.343 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 83 Resp: 20828
Ion Ratio Lower Upper
83 100
55 68.7 49.4 74.0
98 47.8 38.4 57.6

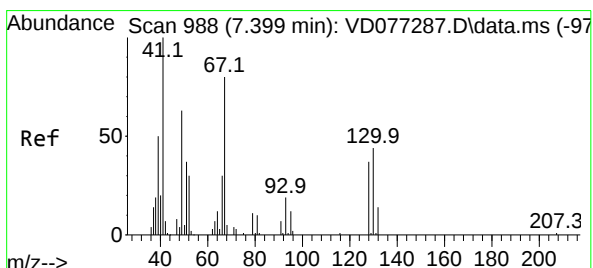
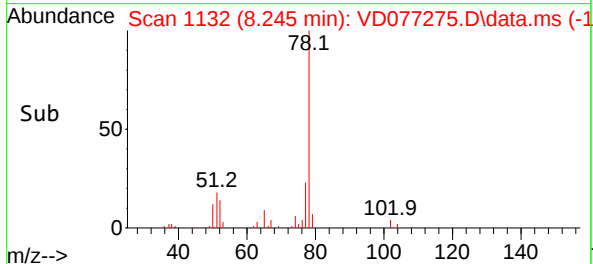
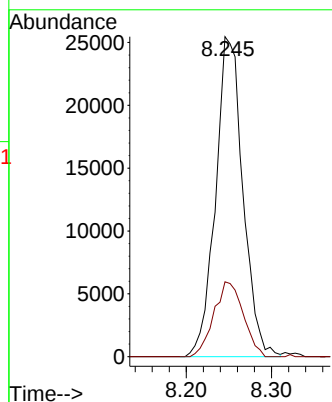
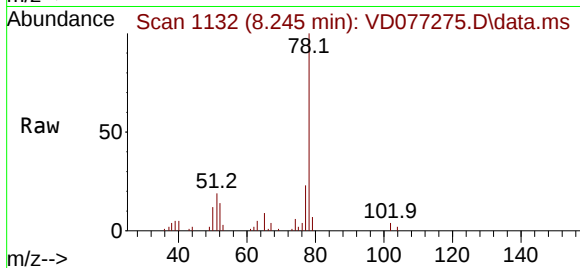




#40
Benzene
Concen: 4.545 ug/l
RT: 8.245 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

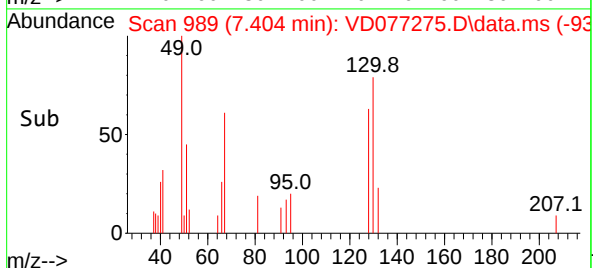
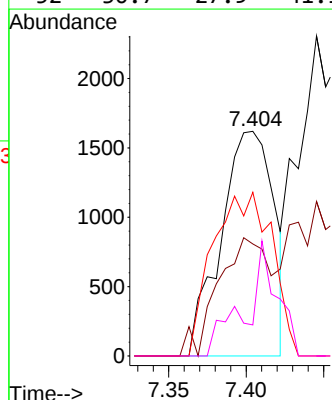
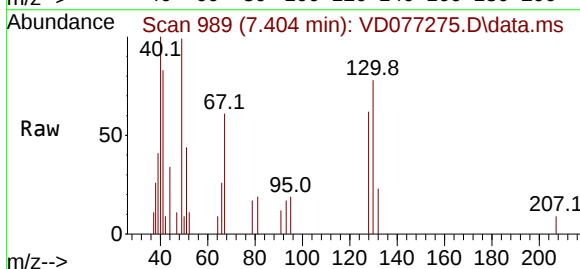
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

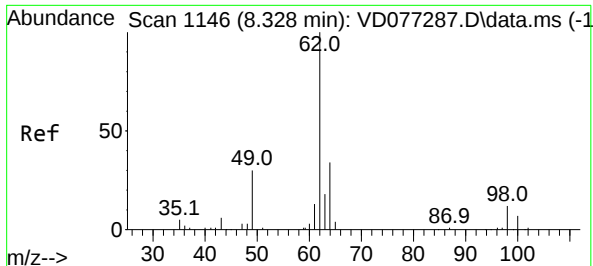
Tgt Ion: 78 Resp: 56718
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



#41
Methacrylonitrile
Concen: 4.492 ug/l
RT: 7.404 min Scan# 989
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 41 Resp: 3840
Ion Ratio Lower Upper
41 100
39 49.6 34.0 51.0
67 81.3 77.0 115.4
52 30.7 27.9 41.9

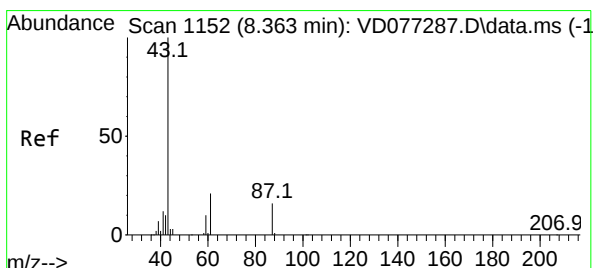
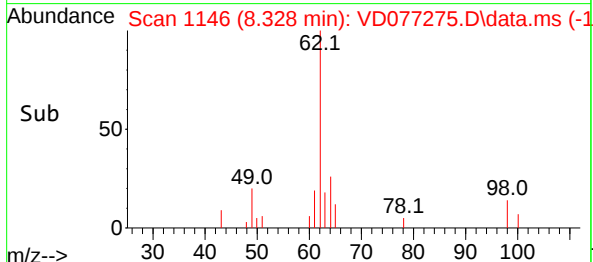
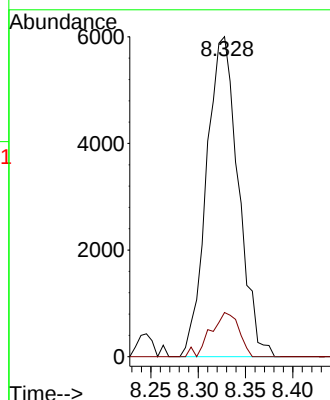
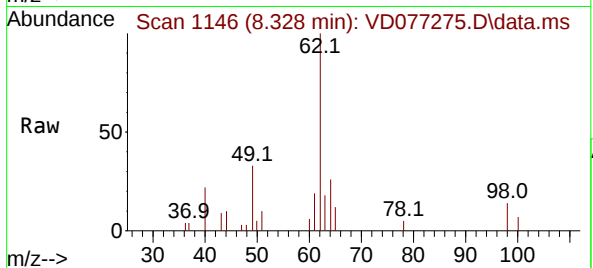




#42
1,2-Dichloroethane
Concen: 4.732 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

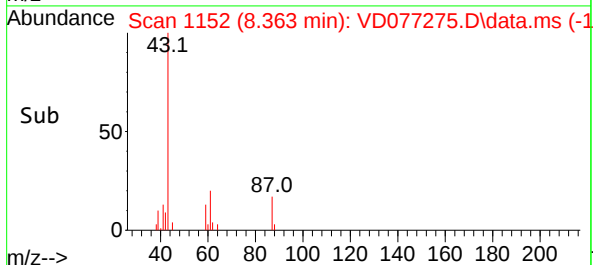
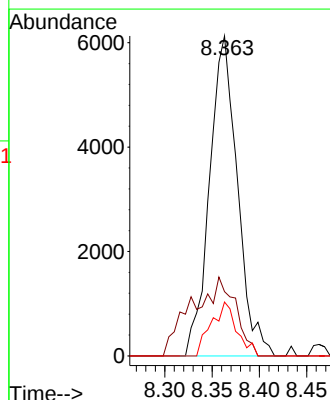
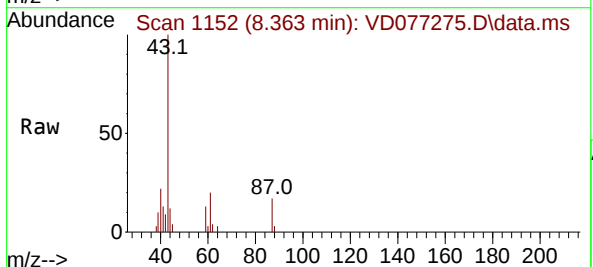
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

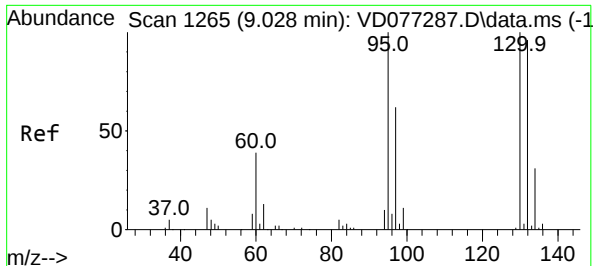
Tgt Ion: 62 Resp: 13998
Ion Ratio Lower Upper
62 100
98 12.3 0.0 25.4



#43
Isopropyl Acetate
Concen: 4.274 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 43 Resp: 12576
Ion Ratio Lower Upper
43 100
61 23.2 31.4 47.0#
87 15.4 14.9 22.3

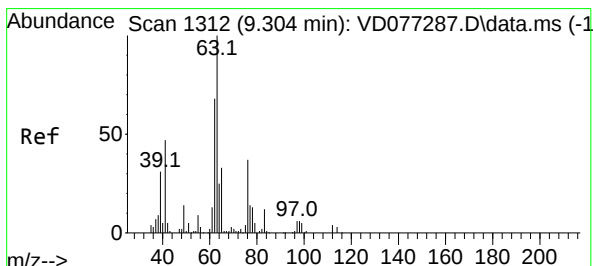
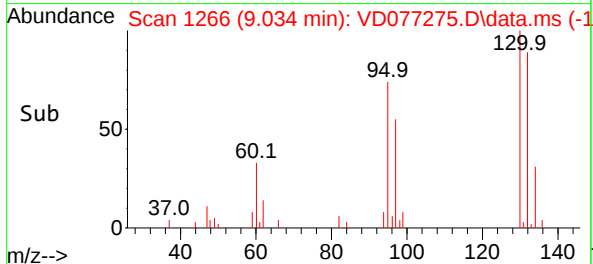
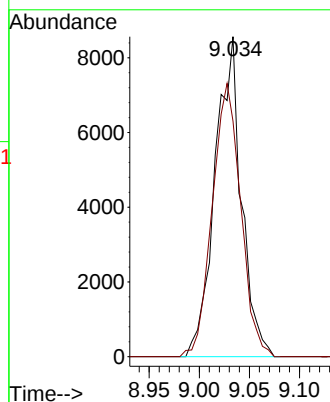
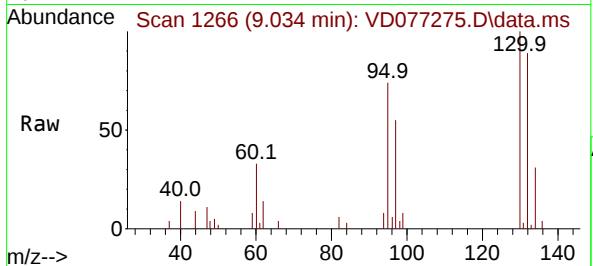




#44
Trichloroethene
Concen: 4.901 ug/l
RT: 9.034 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

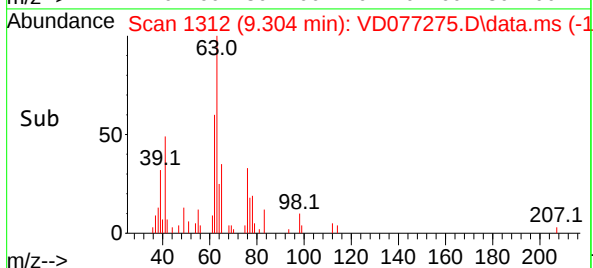
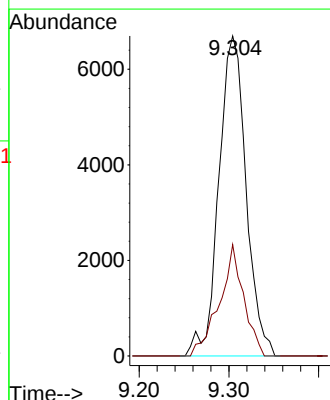
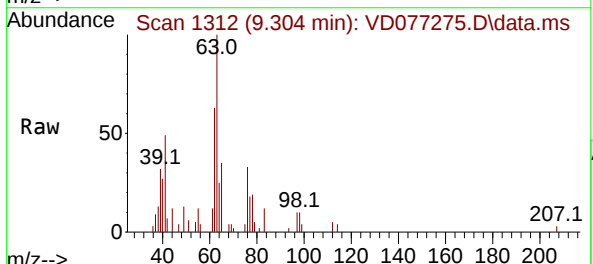
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

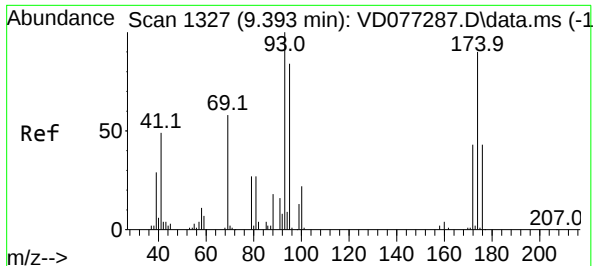
Tgt Ion:130 Resp: 15656
Ion Ratio Lower Upper
130 100
95 73.6 0.0 179.2



#45
1,2-Dichloropropane
Concen: 4.596 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 63 Resp: 14112
Ion Ratio Lower Upper
63 100
65 34.8 24.5 36.7

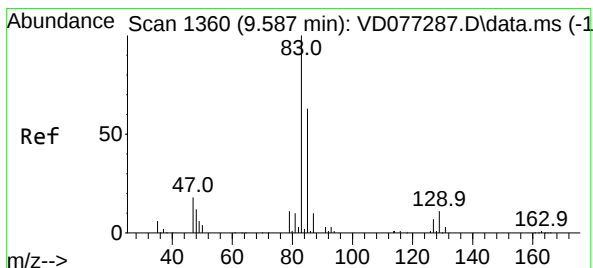
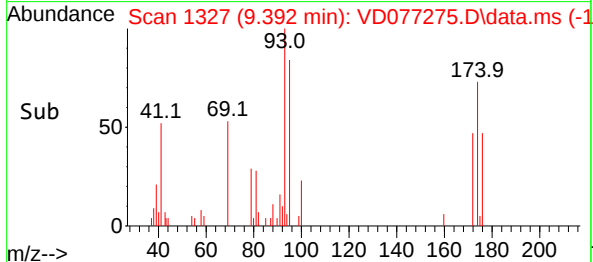
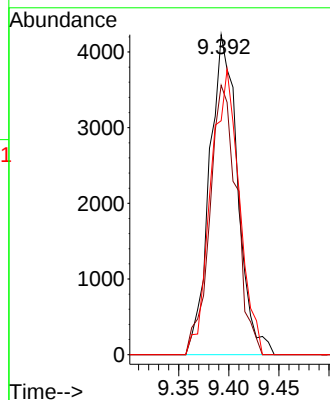
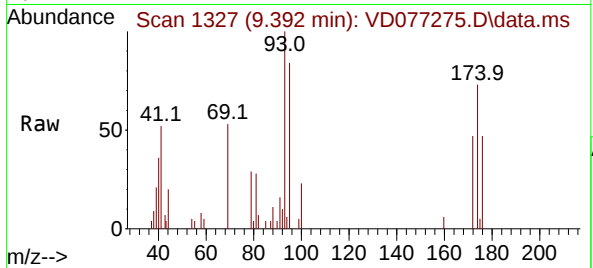




#46
Dibromomethane
Concen: 4.825 ug/l
RT: 9.392 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

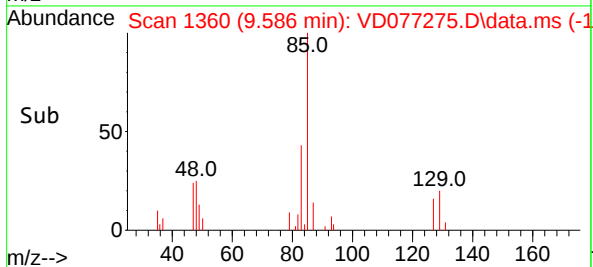
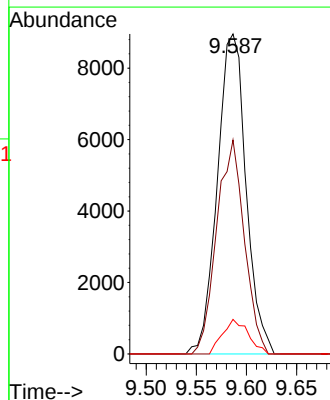
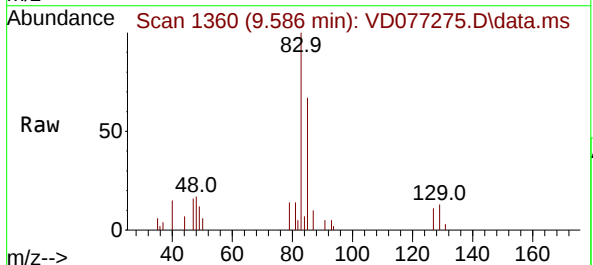
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

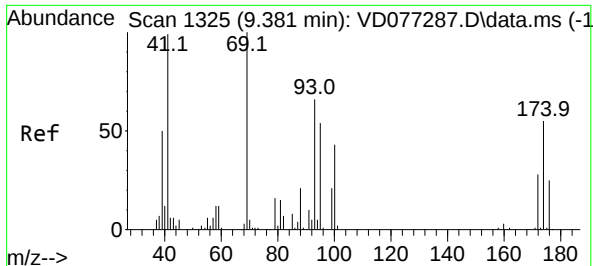
Tgt Ion: 93 Resp: 8261
Ion Ratio Lower Upper
93 100
95 80.8 67.7 101.5
174 89.9 85.4 128.2



#47
Bromodichloromethane
Concen: 4.493 ug/l
RT: 9.586 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 83 Resp: 17831
Ion Ratio Lower Upper
83 100
85 66.8 50.2 75.4
127 10.8 6.3 9.5#





#48

Methyl methacrylate

Concen: 4.293 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

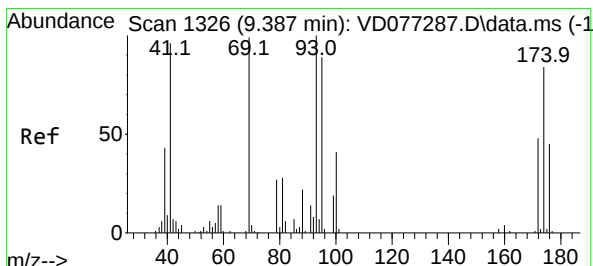
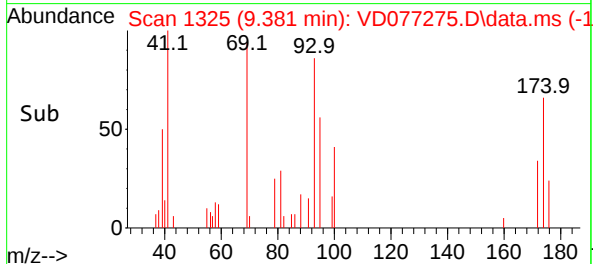
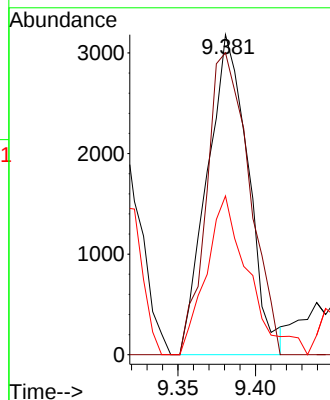
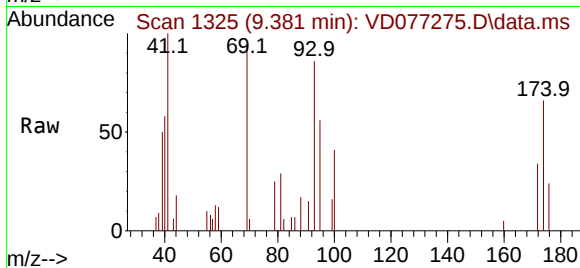
Tgt Ion: 41 Resp: 5851

Ion Ratio Lower Upper

41 100

69 99.2 102.2 153.2#

39 51.3 41.4 62.2



#49

1,4-Dioxane

Concen: 82.954 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

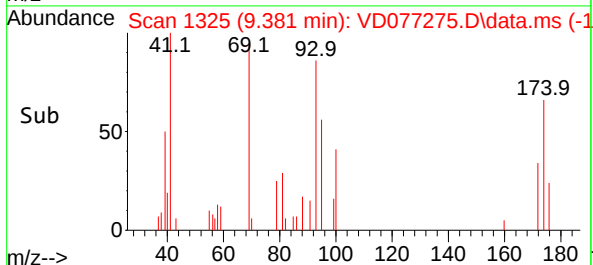
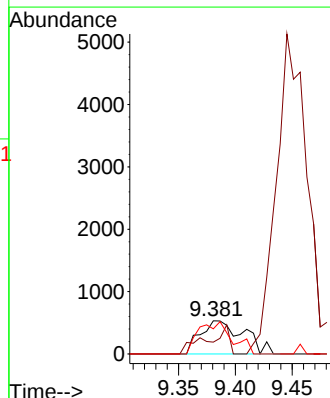
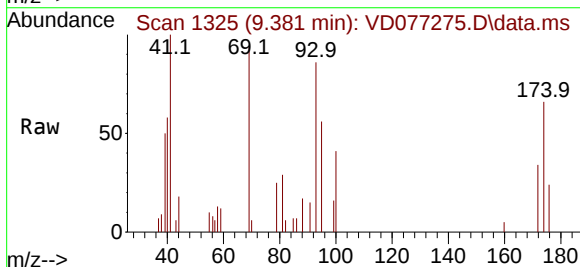
Tgt Ion: 88 Resp: 1414

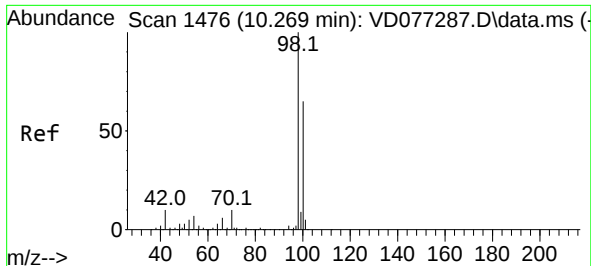
Ion Ratio Lower Upper

88 100

43 25.1 19.0 28.6

58 75.0 43.5 65.3#

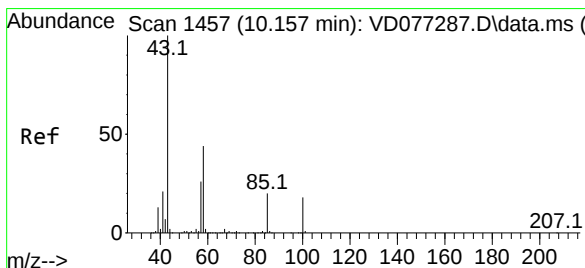
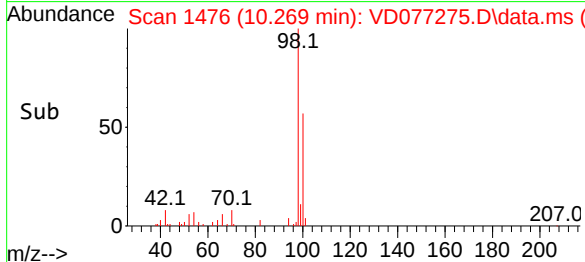
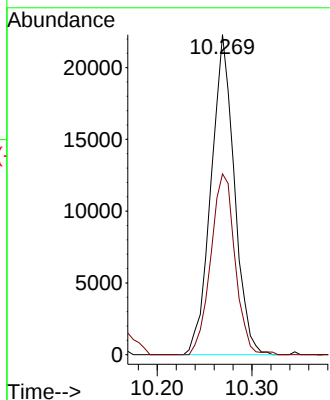
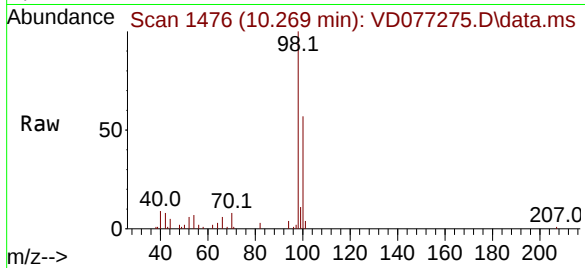




#50
Toluene-d8
Concen: 4.261 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

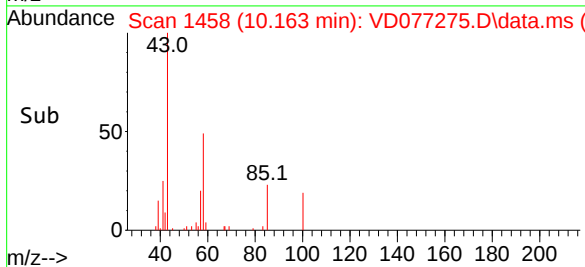
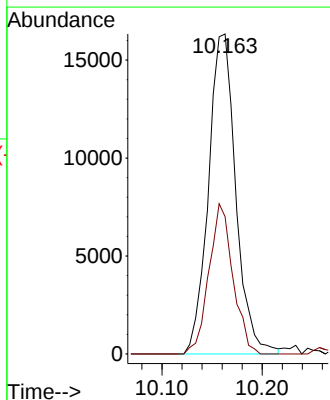
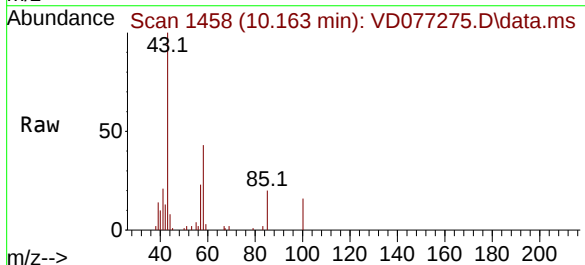
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

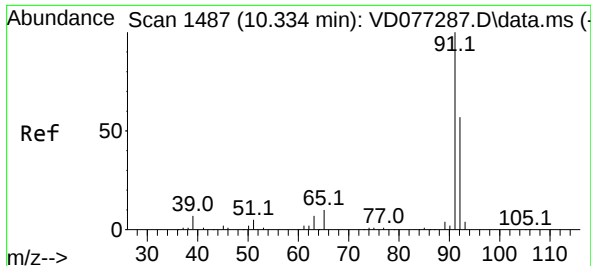
Tgt Ion: 98 Resp: 38040
Ion Ratio Lower Upper
98 100
100 59.0 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 20.310 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 43 Resp: 31008
Ion Ratio Lower Upper
43 100
58 41.1 38.9 58.3

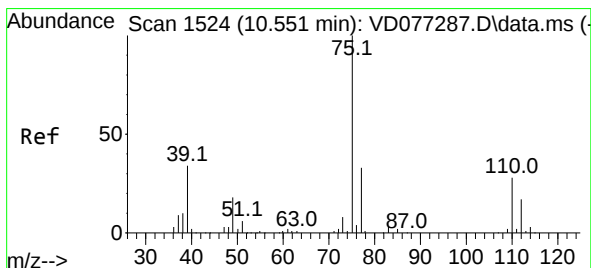
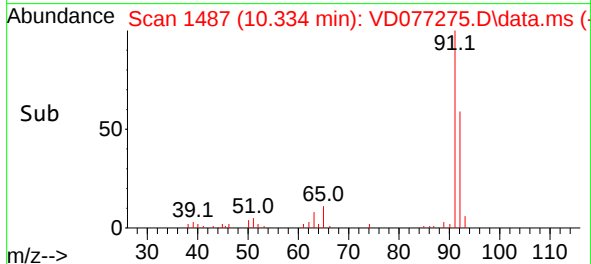
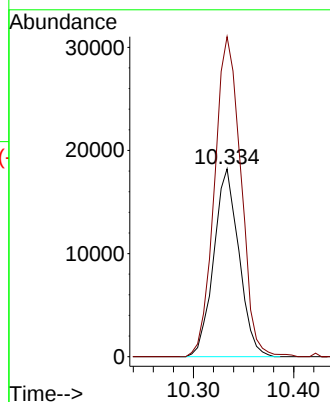
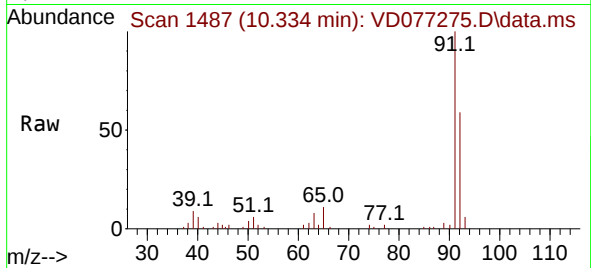




#52
Toluene
Concen: 4.155 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

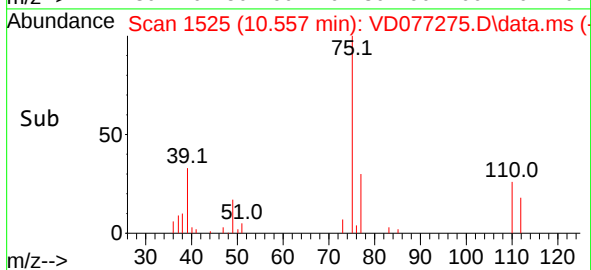
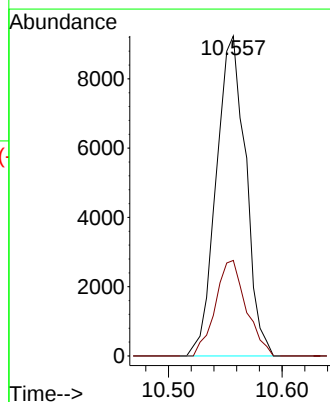
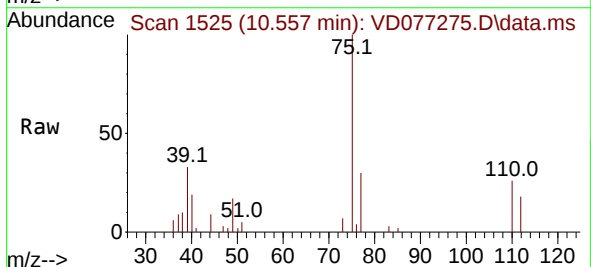
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

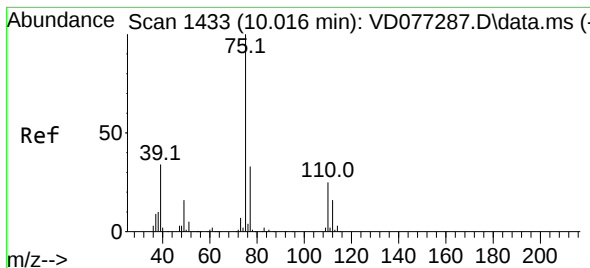
Tgt Ion: 92 Resp: 31792
Ion Ratio Lower Upper
92 100
91 178.7 143.0 214.4



#53
t-1,3-Dichloropropene
Concen: 4.381 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 75 Resp: 16629
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9

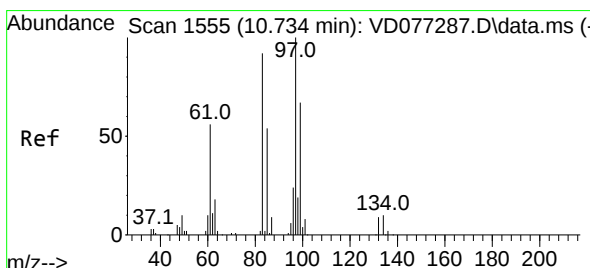
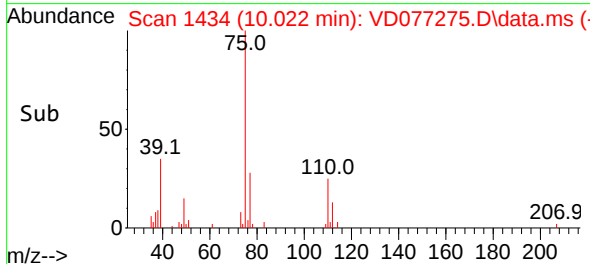
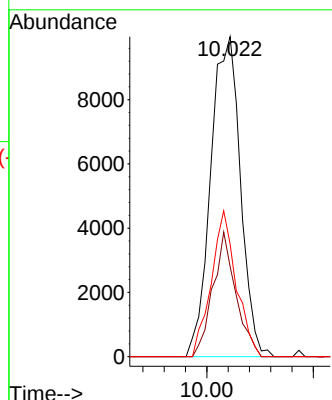
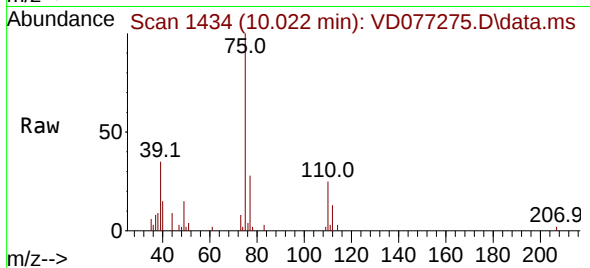




#54
 cis-1,3-Dichloropropene
 Concen: 4.227 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD077275.D
 Acq: 05 Oct 2023 15:08

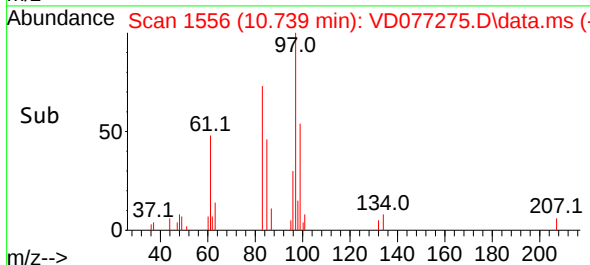
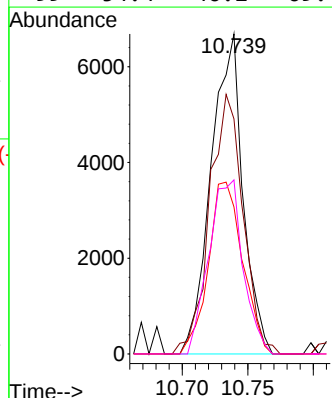
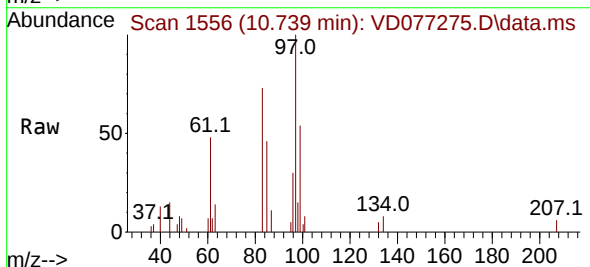
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

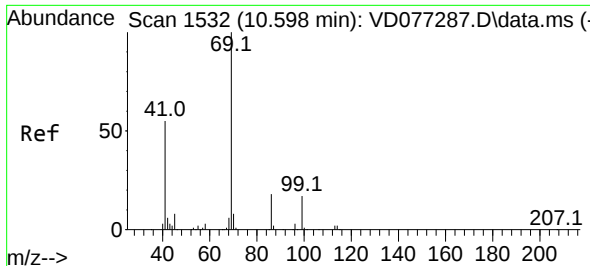
Tgt Ion: 75	Resp:	19261
Ion	Ratio	Lower Upper
75	100	
77	28.2	25.5 38.3
39	35.2	22.1 33.1#



#55
 1,1,2-Trichloroethane
 Concen: 4.836 ug/l
 RT: 10.739 min Scan# 1556
 Delta R.T. 0.006 min
 Lab File: VD077275.D
 Acq: 05 Oct 2023 15:08

Tgt Ion: 97	Resp:	11295
Ion	Ratio	Lower Upper
97	100	
83	73.4	65.8 98.6
85	46.0	45.7 68.5
99	54.4	46.2 69.4

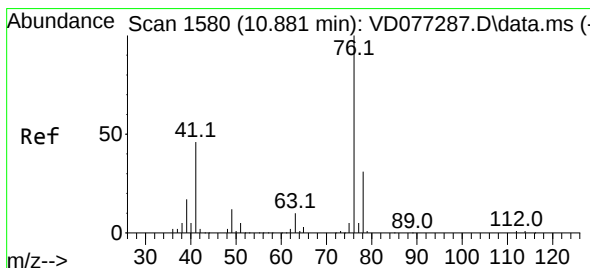
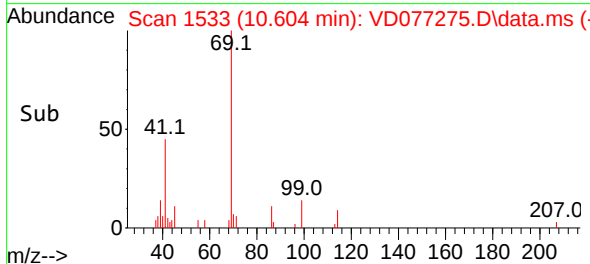
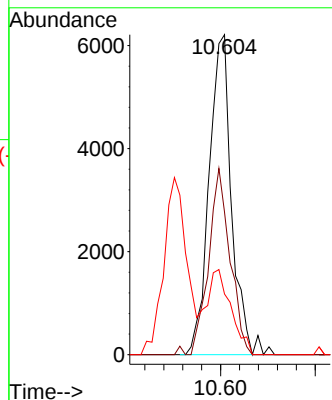
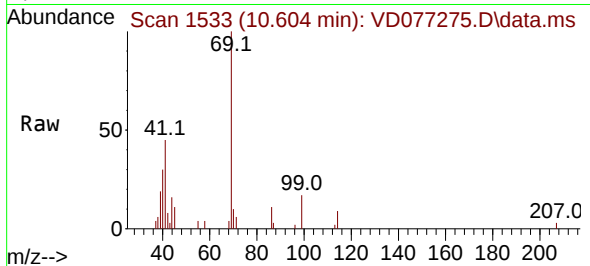




#56
Ethyl methacrylate
Concen: 4.023 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

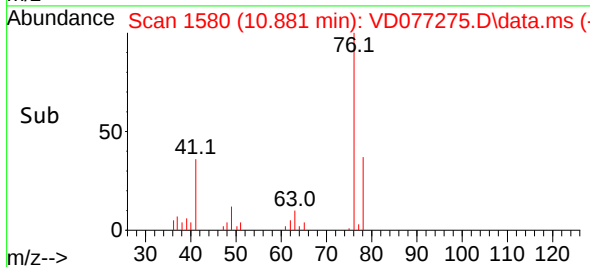
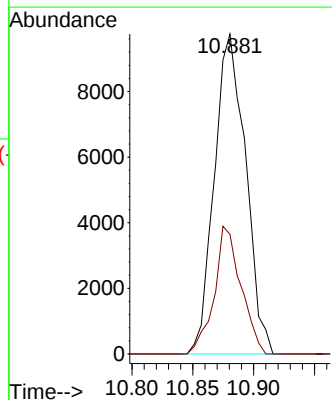
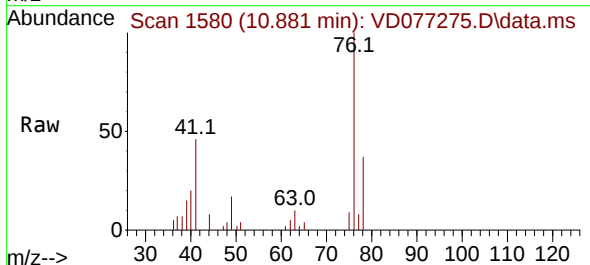
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

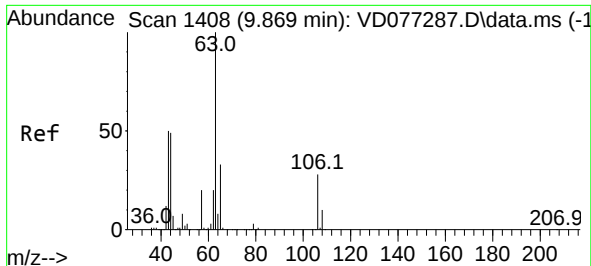
Tgt Ion: 69 Resp: 10247
Ion Ratio Lower Upper
69 100
41 55.8 39.1 58.7
39 26.4 20.0 30.0



#57
1,3-Dichloropropane
Concen: 4.567 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 76 Resp: 17437
Ion Ratio Lower Upper
76 100
78 34.1 26.4 39.6

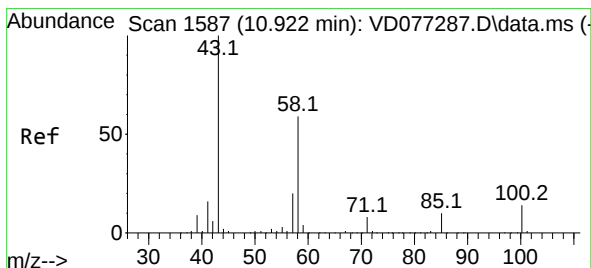
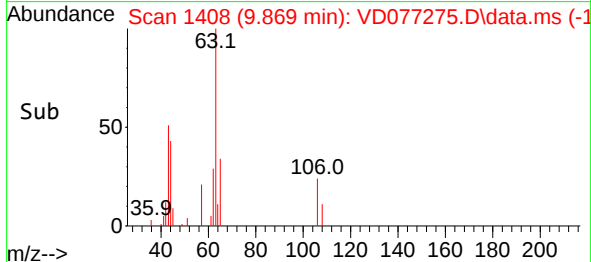
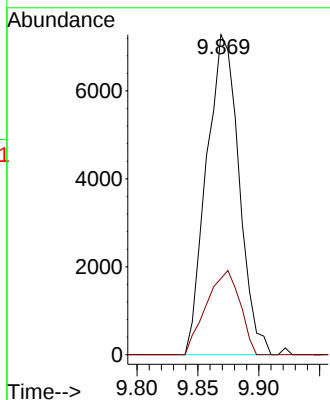
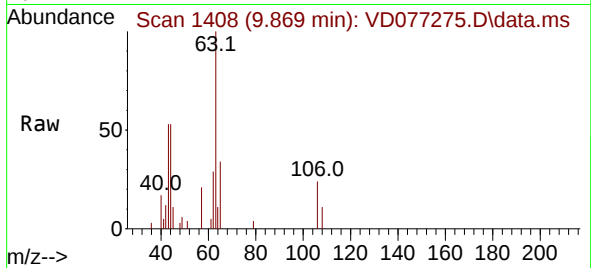




#58
2-Chloroethyl Vinyl ether
Concen: 41.416 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

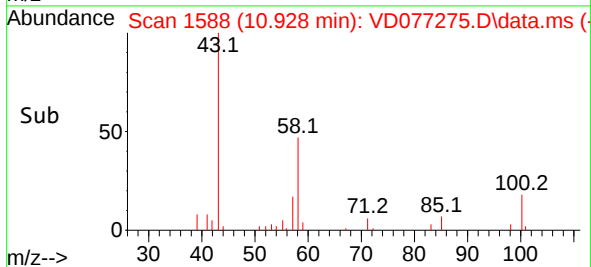
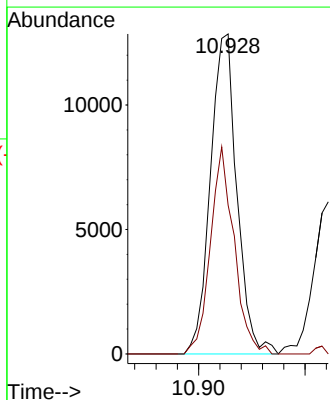
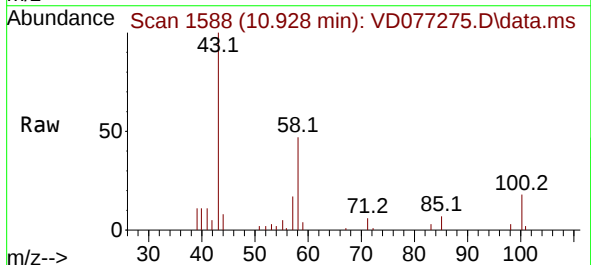
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

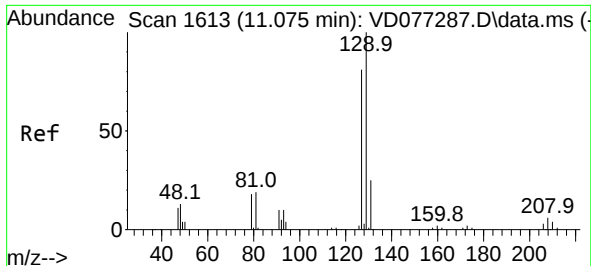
Tgt Ion: 63 Resp: 13513
Ion Ratio Lower Upper
63 100
106 27.2 25.3 37.9



#59
2-Hexanone
Concen: 20.292 ug/l
RT: 10.928 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 43 Resp: 22183
Ion Ratio Lower Upper
43 100
58 57.8 34.1 102.2

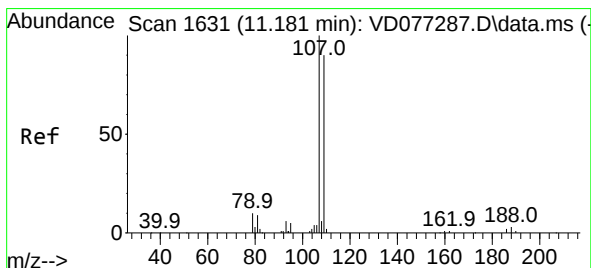
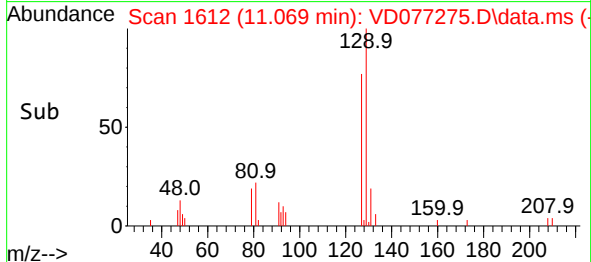
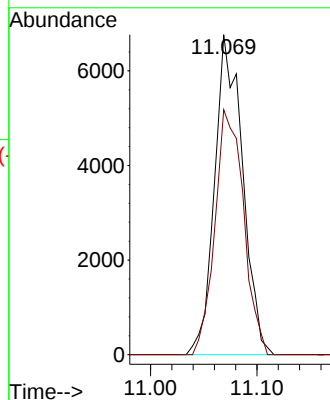
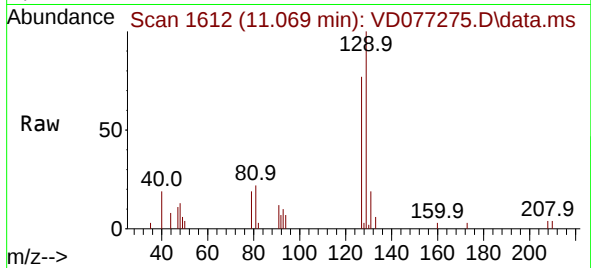




#60
Dibromochloromethane
Concen: 4.601 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

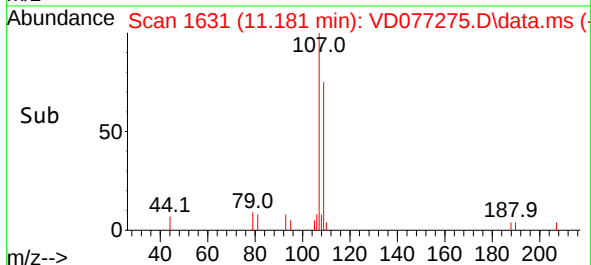
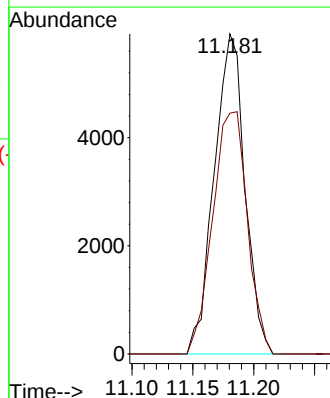
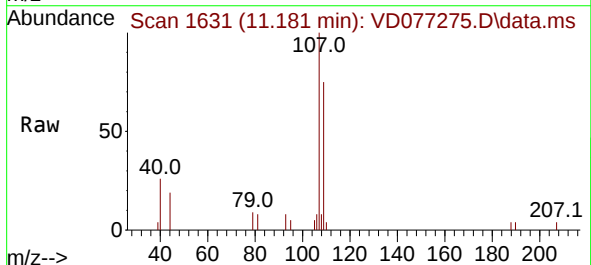
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

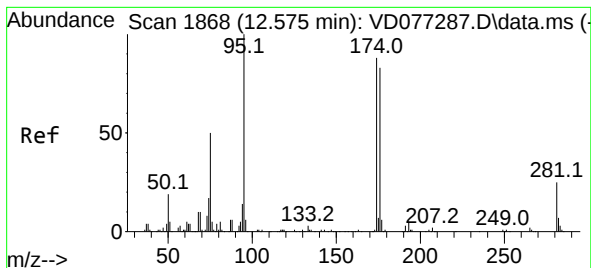
Tgt Ion:129 Resp: 12300
Ion Ratio Lower Upper
129 100
127 78.5 37.1 111.5



#61
1,2-Dibromoethane
Concen: 4.785 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion:107 Resp: 10397
Ion Ratio Lower Upper
107 100
109 85.3 75.6 113.4

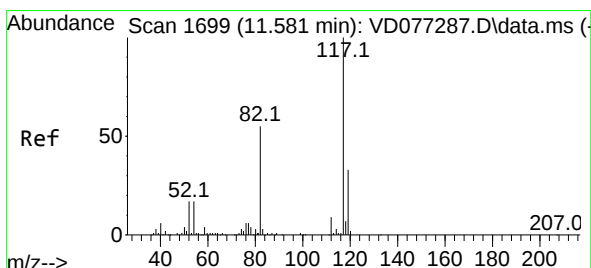
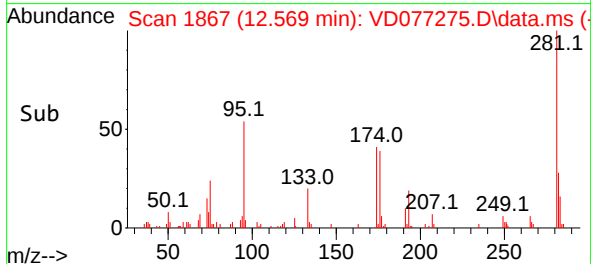
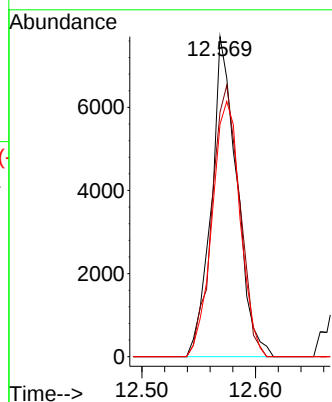
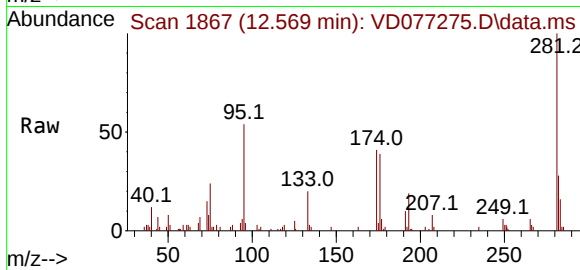




#62
4-Bromofluorobenzene
Concen: 4.316 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

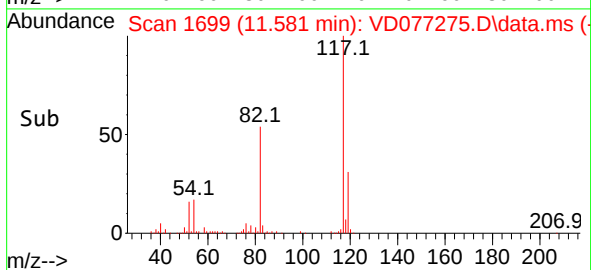
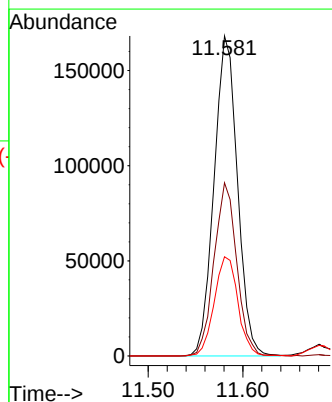
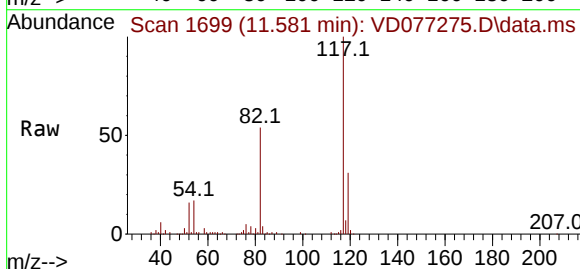
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

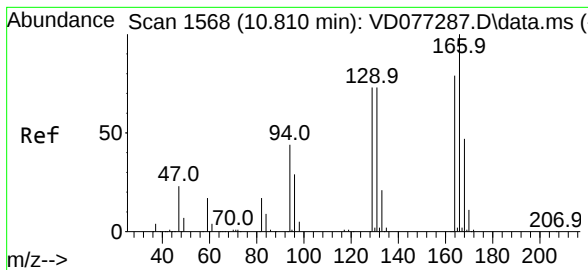
Tgt Ion: 95	Resp: 11986
Ion Ratio	Lower Upper
95 100	
174 92.5	0.0 201.8
176 88.4	0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 117	Resp: 288756
Ion Ratio	Lower Upper
117 100	
82 54.1	38.3 57.5
119 31.0	25.0 37.4





#64

Tetrachloroethene

Concen: 4.531 ug/l

RT: 10.810 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:164 Resp: 11995

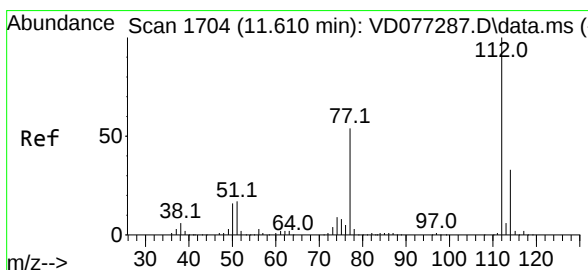
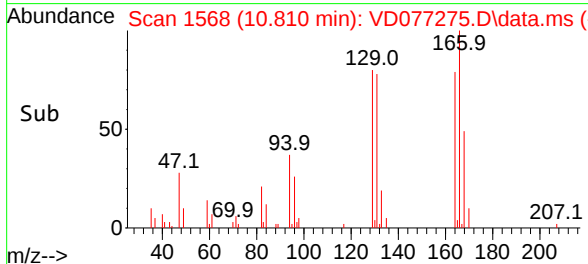
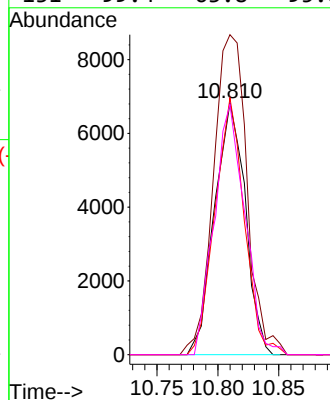
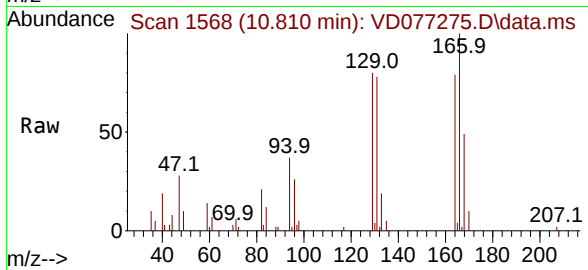
Ion Ratio Lower Upper

164 100

166 127.1 99.2 148.8

129 101.9 68.4 102.6

131 99.4 63.8 95.8#



#65

Chlorobenzene

Concen: 4.704 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD077275.D

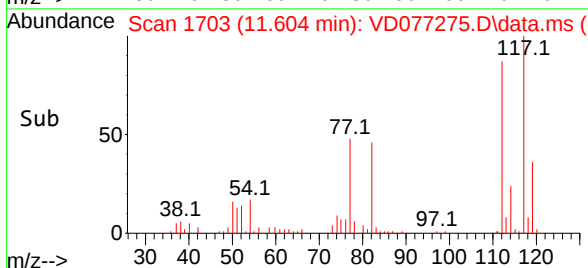
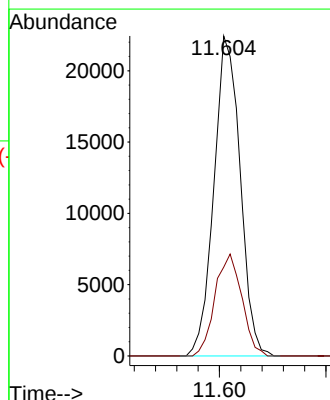
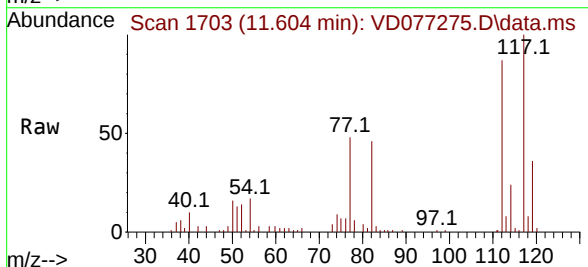
Acq: 05 Oct 2023 15:08

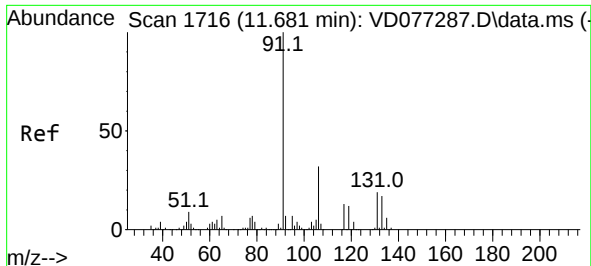
Tgt Ion:112 Resp: 38276

Ion Ratio Lower Upper

112 100

114 27.7 25.1 37.7

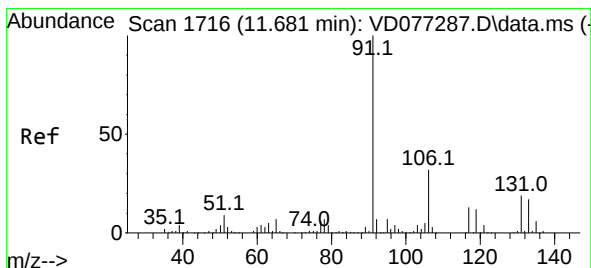
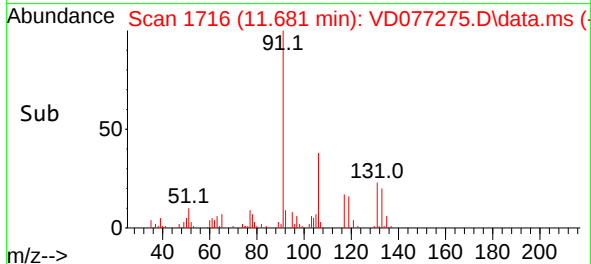
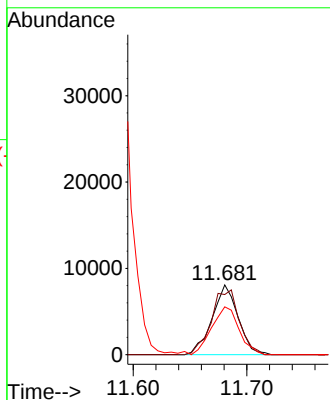
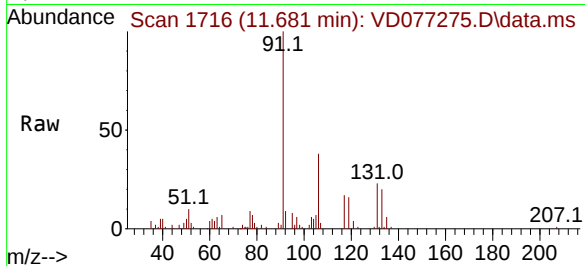




#66
1,1,1,2-Tetrachloroethane
Concen: 4.463 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

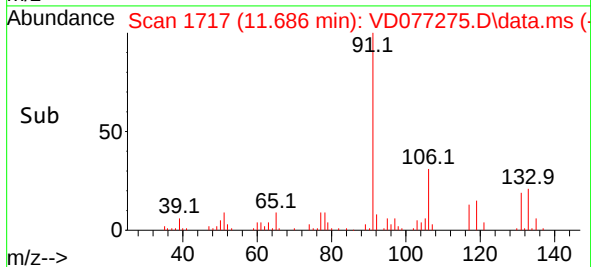
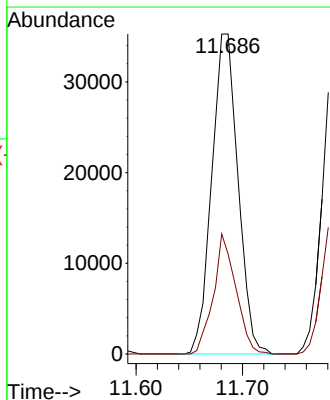
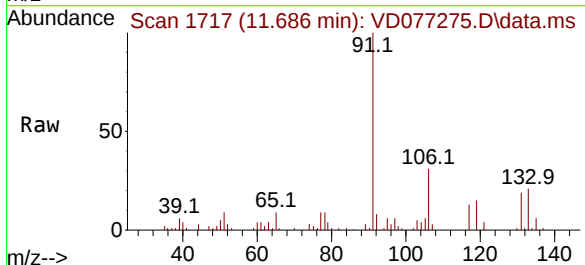
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

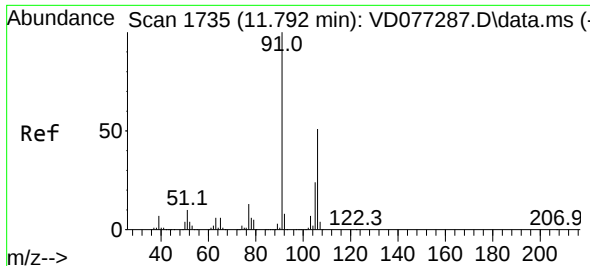
Tgt Ion:131 Resp: 12799
Ion Ratio Lower Upper
131 100
133 101.0 48.5 145.5
119 72.2 35.6 106.9



#67
Ethyl Benzene
Concen: 4.165 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 91 Resp: 60367
Ion Ratio Lower Upper
91 100
106 31.2 26.5 39.7

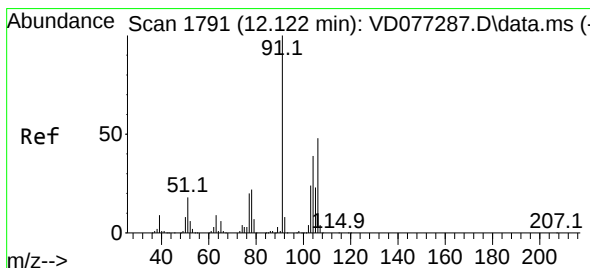
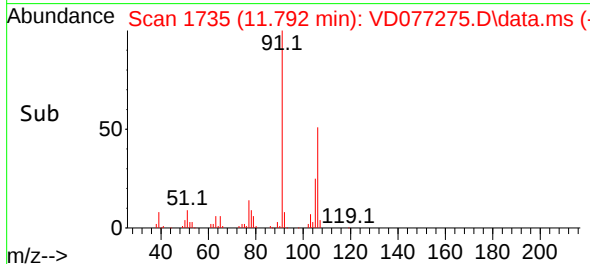
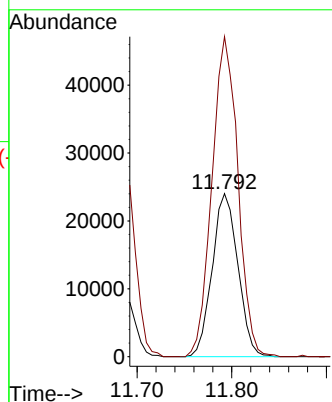
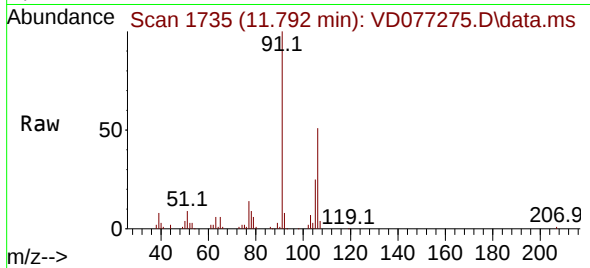




#68
m/p-Xylenes
Concen: 8.034 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

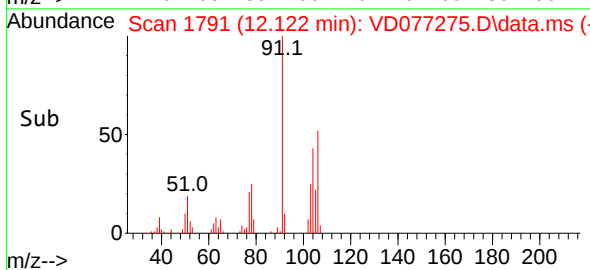
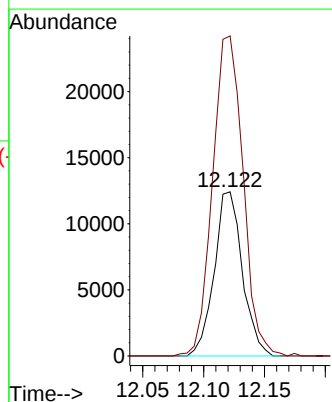
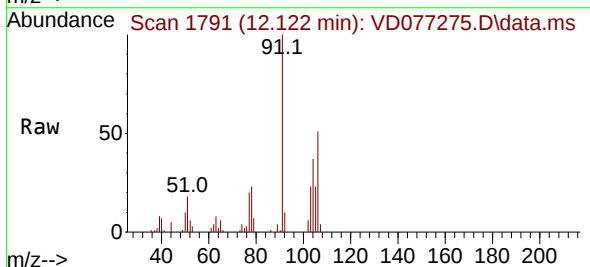
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

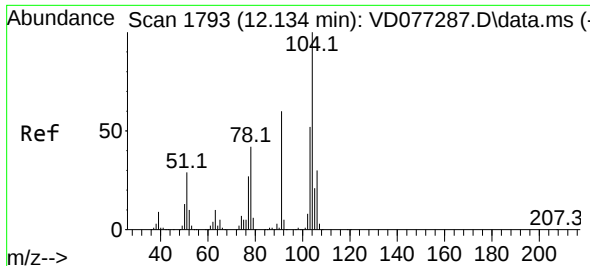
Tgt Ion:106 Resp: 45257
Ion Ratio Lower Upper
106 100
91 198.2 147.0 220.6



#69
o-Xylene
Concen: 3.888 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion:106 Resp: 19901
Ion Ratio Lower Upper
106 100
91 211.6 97.9 293.6

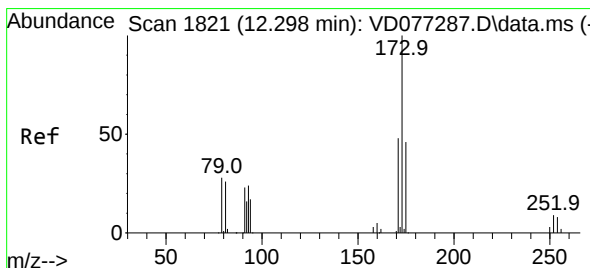
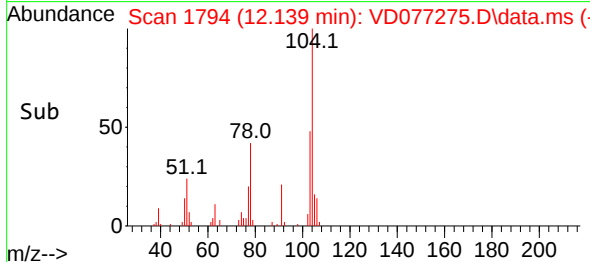
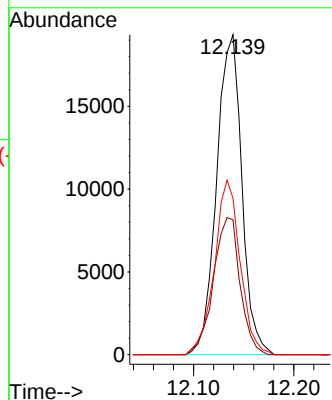
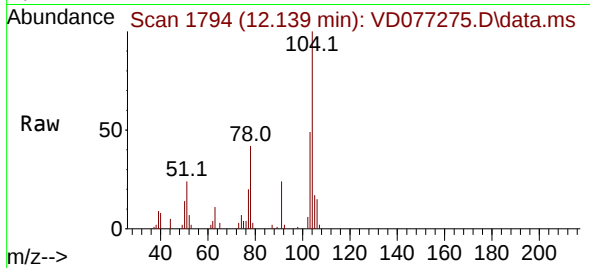




#70
Styrene
Concen: 3.844 ug/l
RT: 12.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

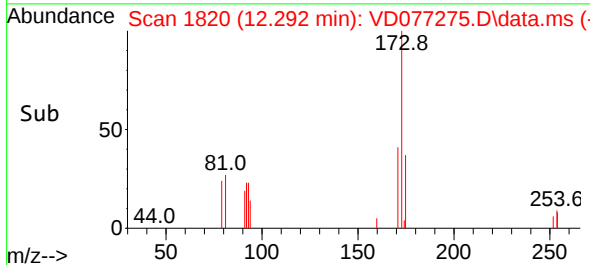
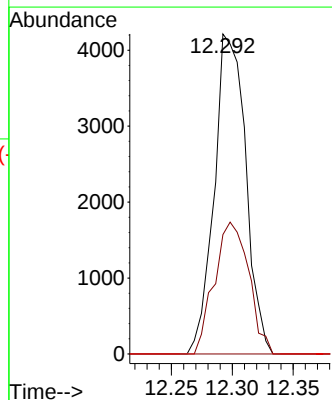
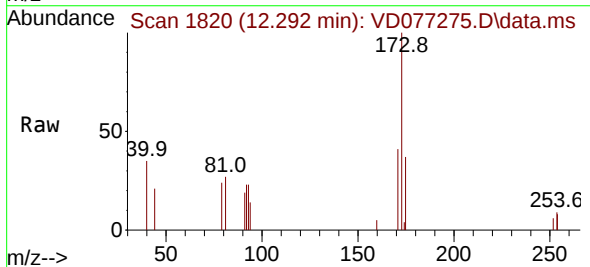
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

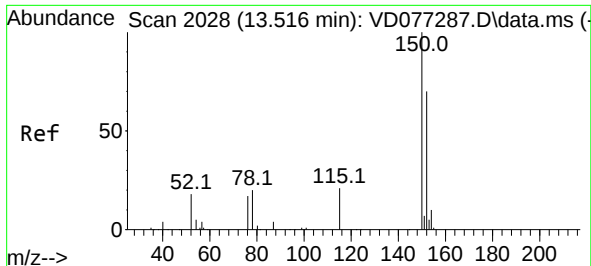
Tgt Ion:	104	Resp:	33796
Ion Ratio	Lower	Upper	
104	100		
78	45.3	33.2	49.8
103	55.6	43.6	65.4



#71
Bromoform
Concen: 4.755 ug/l
RT: 12.292 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion:	173	Resp:	7574
Ion Ratio	Lower	Upper	
173	100		
175	45.2	24.6	73.8
254	0.0	0.0	0.0

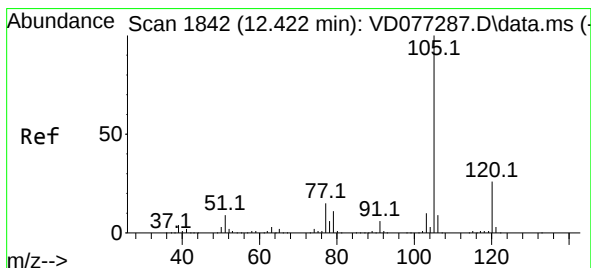
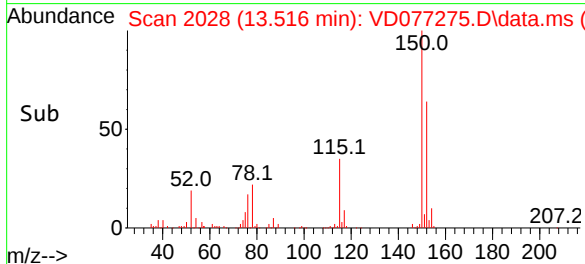
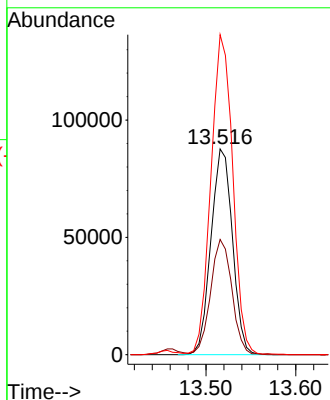
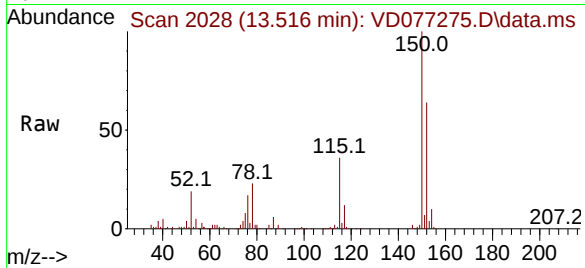




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

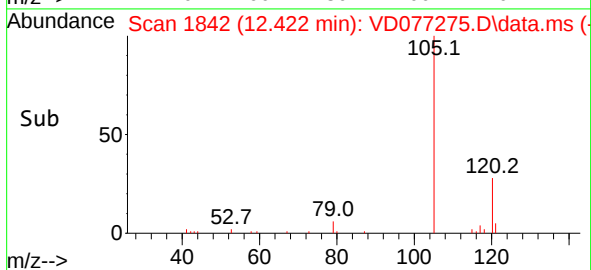
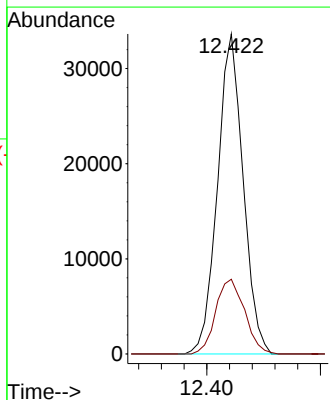
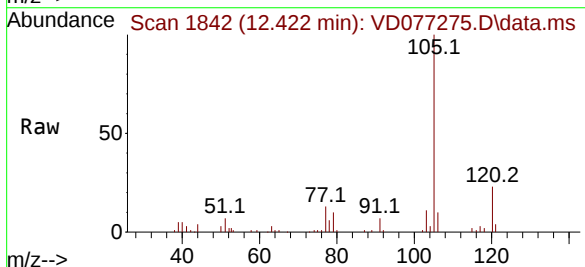
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

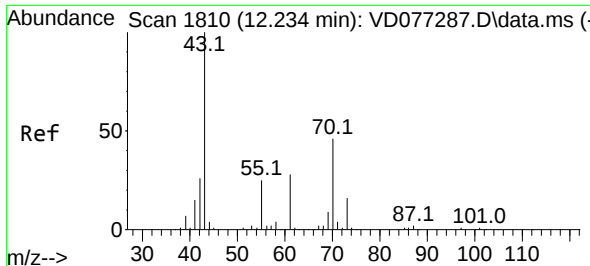
Tgt Ion:152 Resp: 145991
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 157.9 0.0 353.6



#73
Isopropylbenzene
Concen: 3.986 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion:105 Resp: 52646
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9

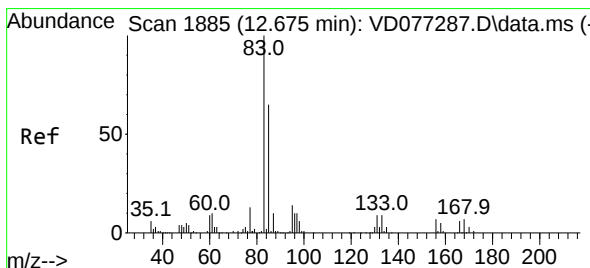
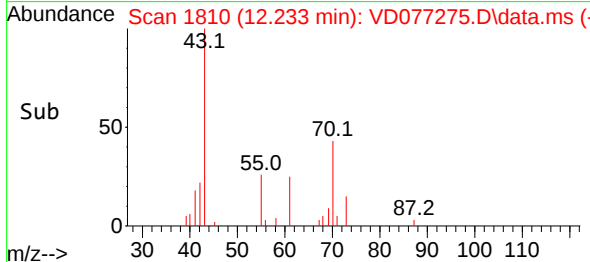
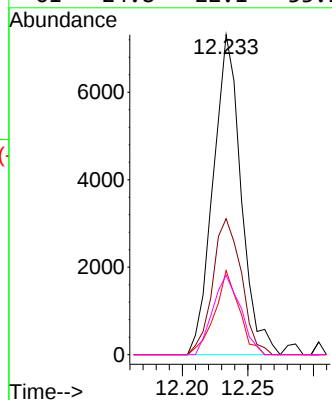
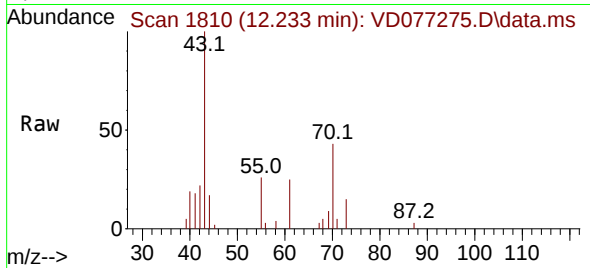




#74
N-amy1 acetate
Concen: 3.995 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

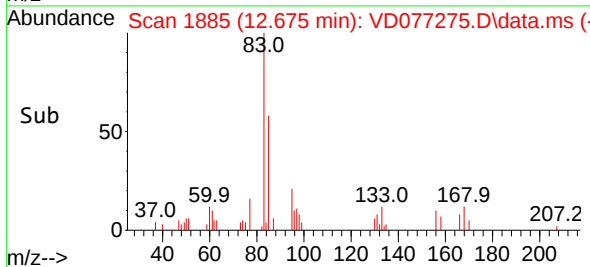
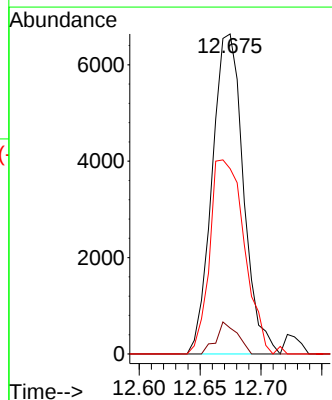
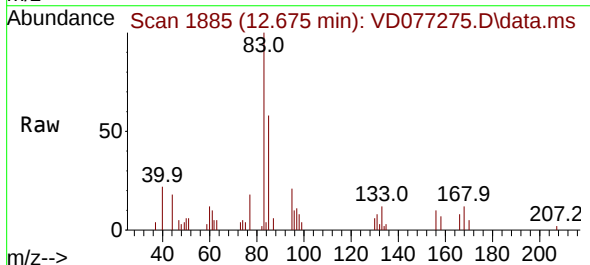
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

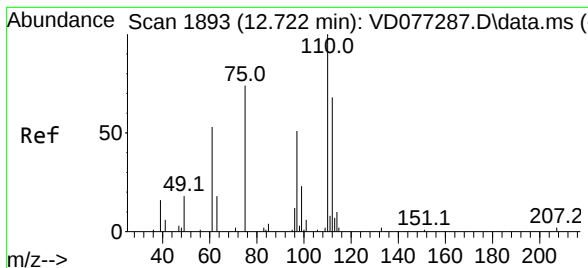
Tgt Ion:	43	Resp:	10836
Ion	Ratio	Lower	Upper
43	100		
70	43.7	45.0	67.4#
55	23.0	23.8	35.6#
61	24.8	22.1	33.1



#75
1,1,2,2-Tetrachloroethane
Concen: 4.529 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion:	83	Resp:	11888
Ion	Ratio	Lower	Upper
83	100		
131	6.8	5.1	15.3
85	67.3	32.6	97.8

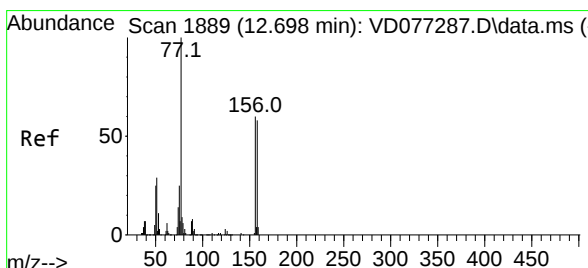
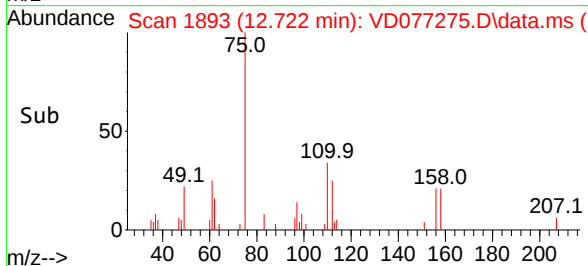
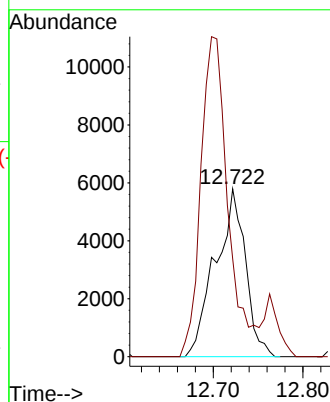
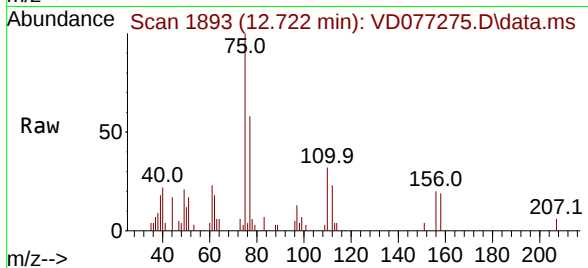




#76
1,2,3-Trichloropropane
Concen: 9.138 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

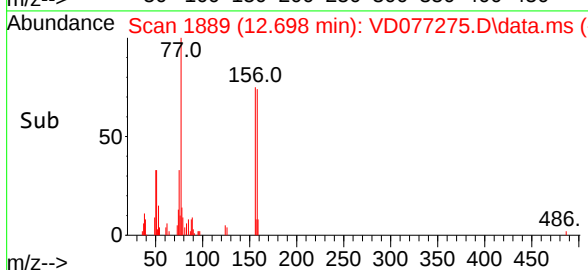
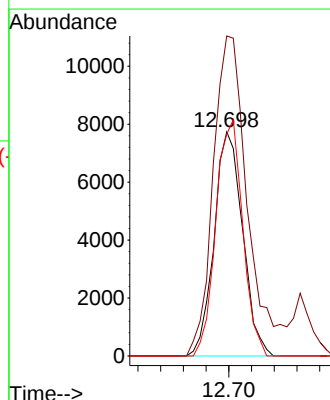
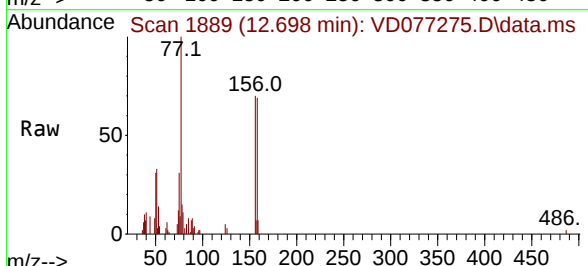
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

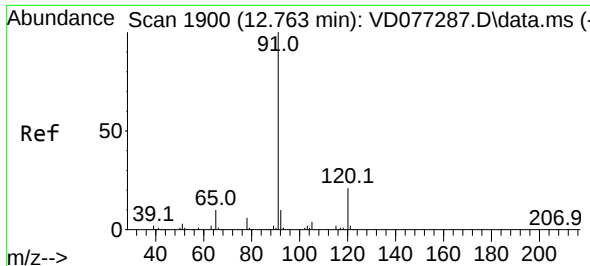
Tgt Ion: 75 Resp: 13477
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 4.373 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion:156 Resp: 13483
Ion Ratio Lower Upper
156 100
77 172.8 76.8 230.4
158 99.2 48.6 145.9

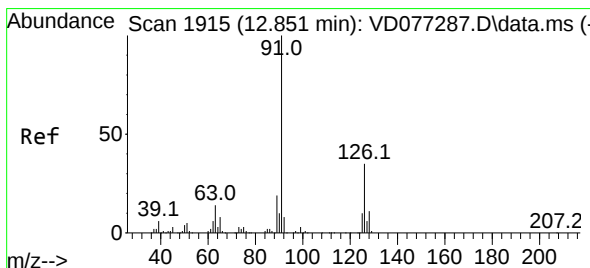
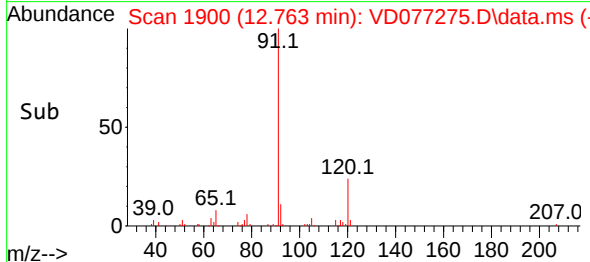
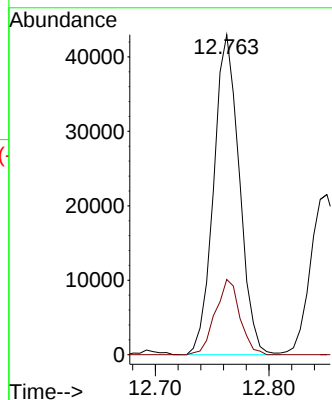
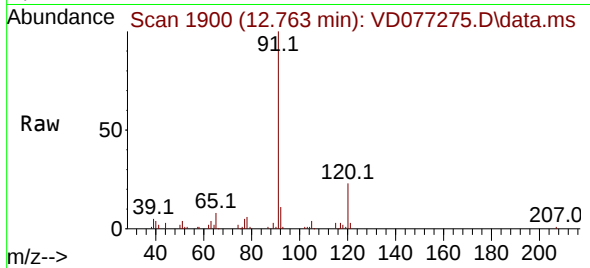




#78
n-propylbenzene
Concen: 4.070 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

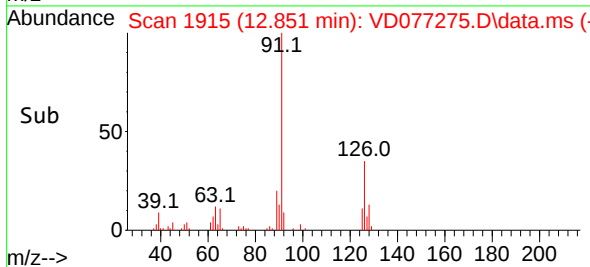
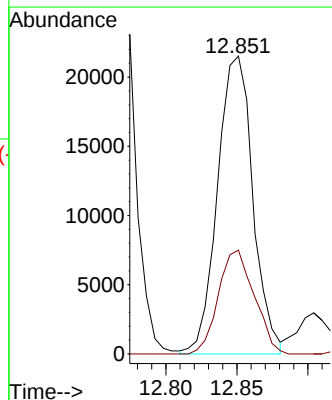
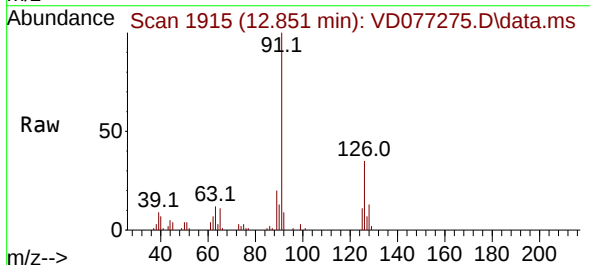
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

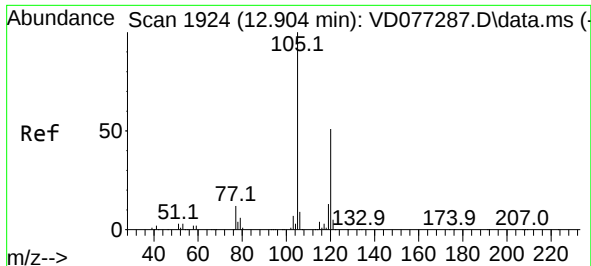
Tgt Ion: 91 Resp: 67486
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2



#79
2-Chlorotoluene
Concen: 4.173 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 91 Resp: 37244
Ion Ratio Lower Upper
91 100
126 35.4 19.4 58.1

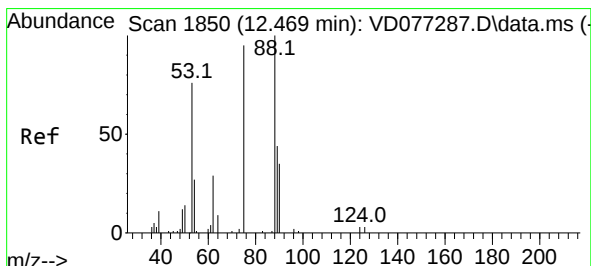
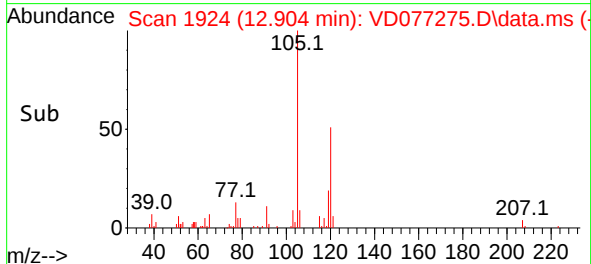
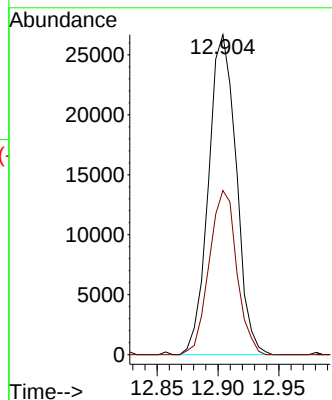
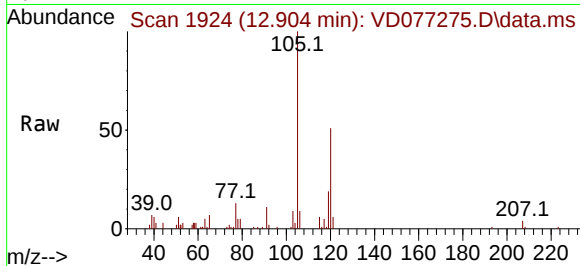




#80
 1,3,5-Trimethylbenzene
 Concen: 3.879 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD077275.D
 Acq: 05 Oct 2023 15:08

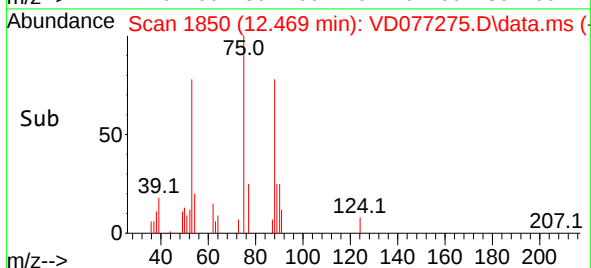
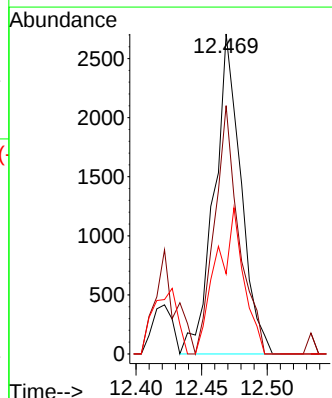
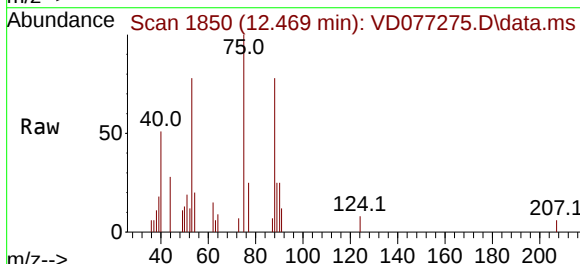
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

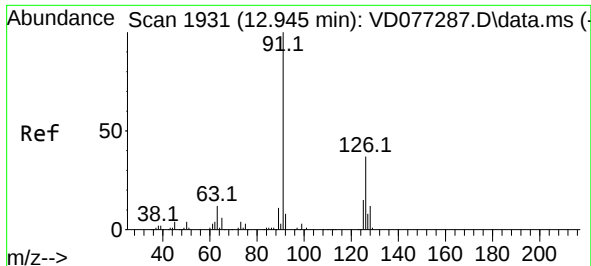
Tgt Ion:105 Resp: 42346
 Ion Ratio Lower Upper
 105 100
 120 50.9 26.4 79.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.497 ug/l
 RT: 12.469 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VD077275.D
 Acq: 05 Oct 2023 15:08

Tgt Ion: 75 Resp: 3828
 Ion Ratio Lower Upper
 75 100
 53 70.7 63.0 94.4
 89 46.4 37.9 56.9

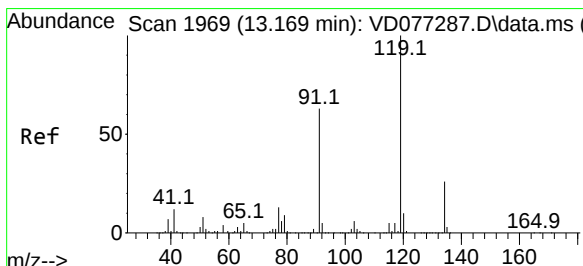
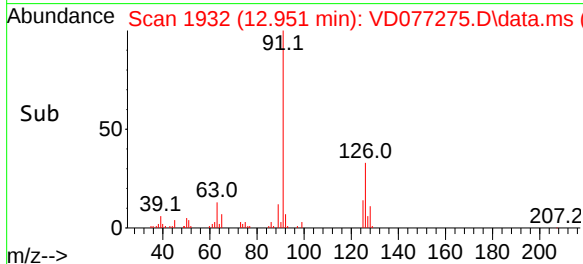
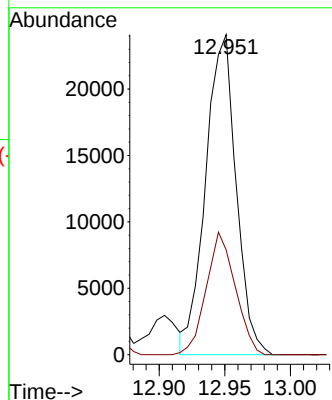
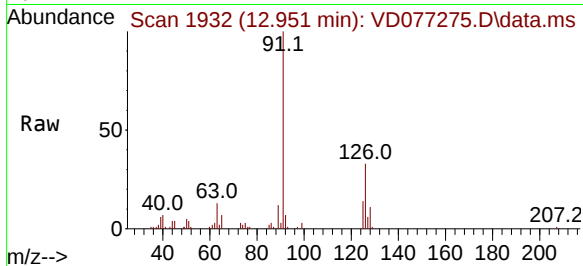




#82
4-Chlorotoluene
Concen: 4.147 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

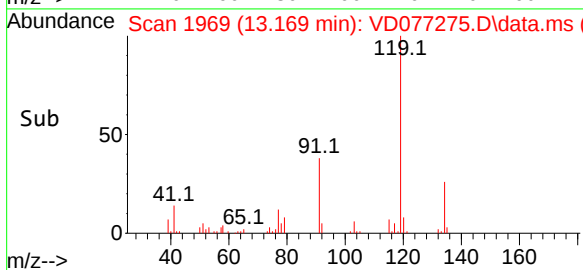
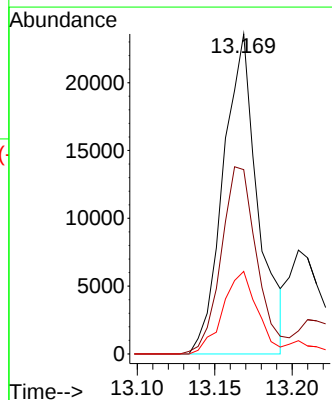
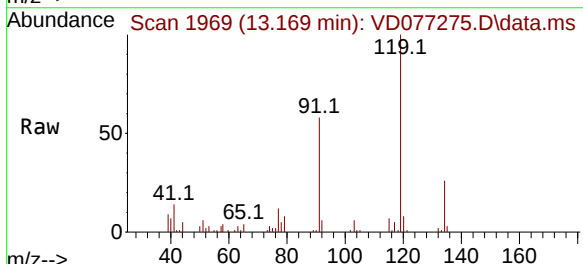
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

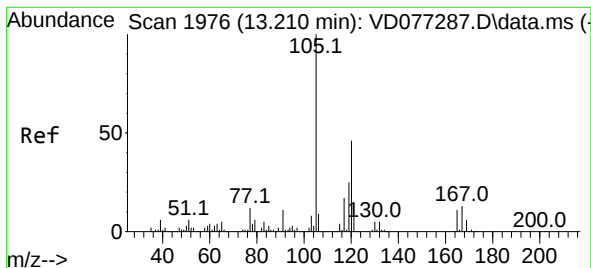
Tgt Ion: 91 Resp: 38978
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.4



#83
tert-Butylbenzene
Concen: 3.941 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 119 Resp: 36669
Ion Ratio Lower Upper
119 100
91 60.9 29.3 87.8
134 25.7 14.1 42.3





#84

1,2,4-Trimethylbenzene

Concen: 3.851 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

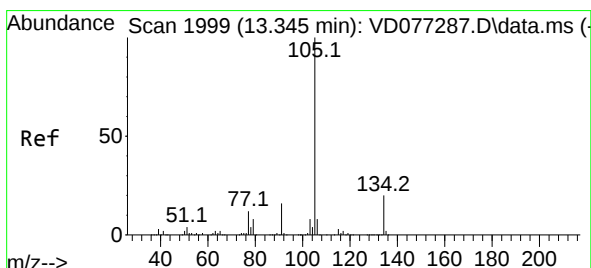
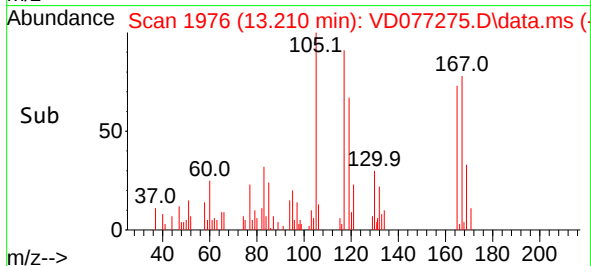
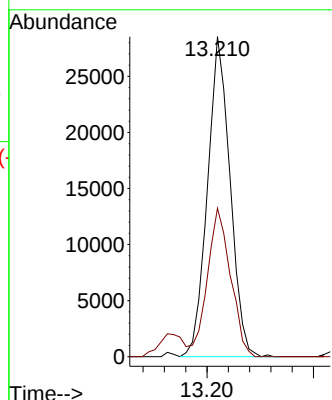
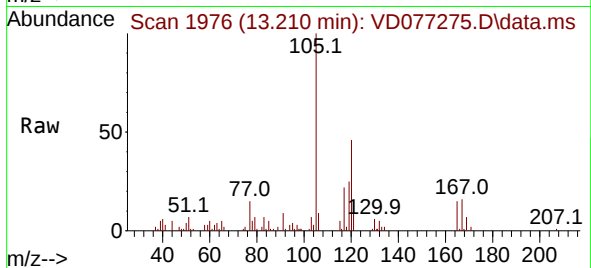
VSTDIC005

Tgt Ion:105 Resp: 42033

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.9



#85

sec-Butylbenzene

Concen: 3.996 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD077275.D

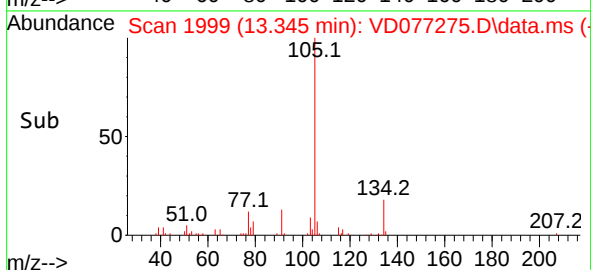
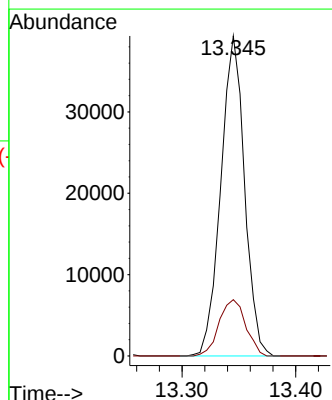
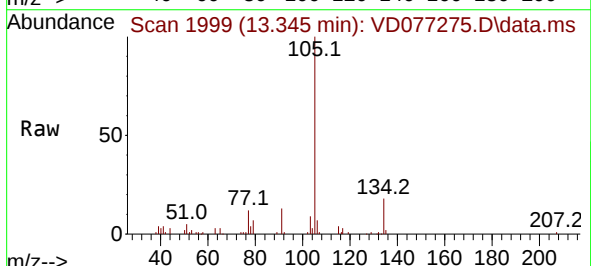
Acq: 05 Oct 2023 15:08

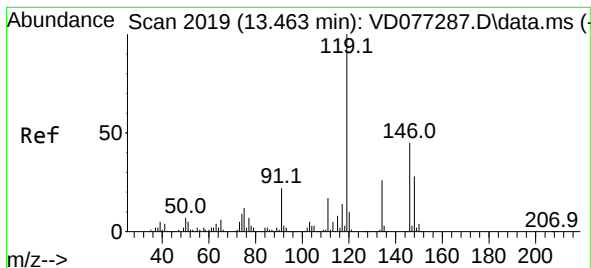
Tgt Ion:105 Resp: 57021

Ion Ratio Lower Upper

105 100

134 19.8 10.9 32.9





#86

p-Isopropyltoluene

Concen: 3.841 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

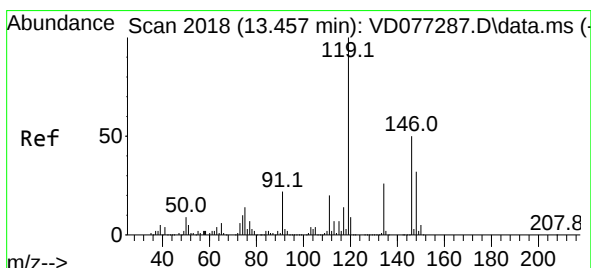
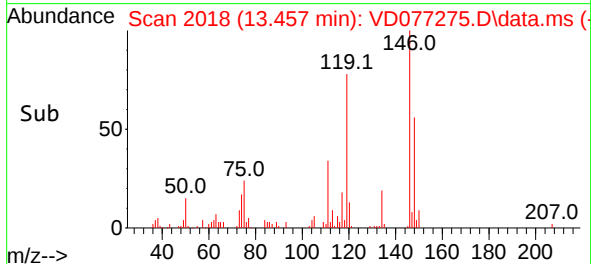
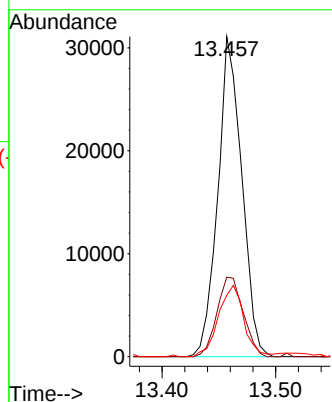
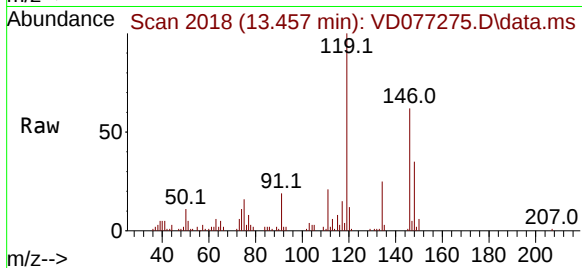
Tgt Ion:119 Resp: 45528

Ion Ratio Lower Upper

119 100

134 27.2 14.2 42.6

91 23.7 10.5 31.5



#87

1,3-Dichlorobenzene

Concen: 4.536 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

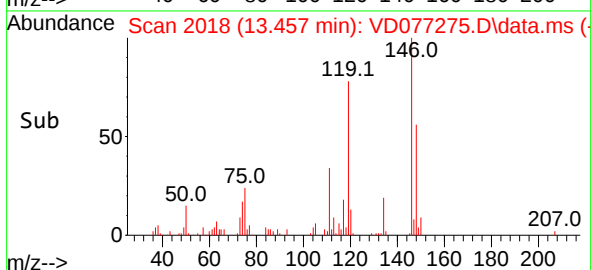
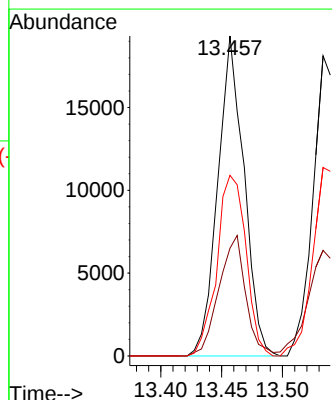
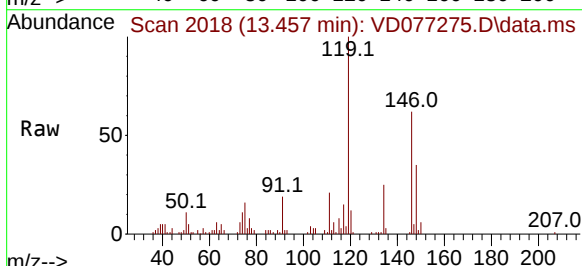
Tgt Ion:146 Resp: 29029

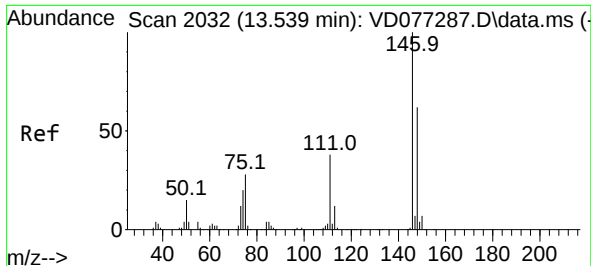
Ion Ratio Lower Upper

146 100

111 38.4 17.9 53.8

148 62.4 32.3 96.8

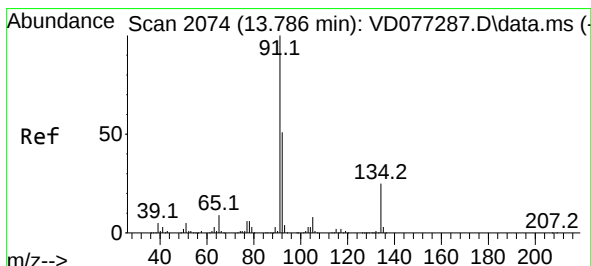
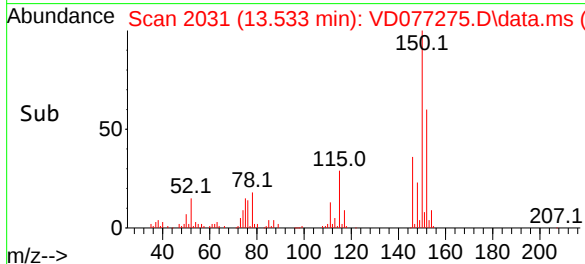
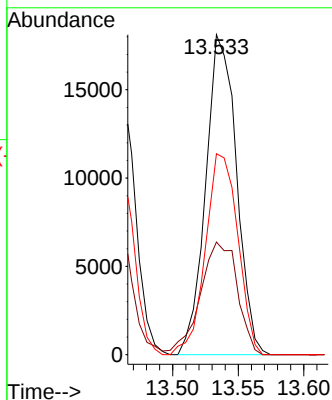
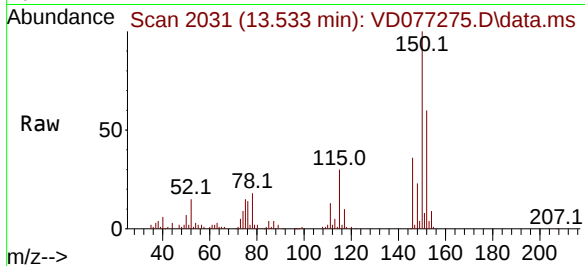




#88
1,4-Dichlorobenzene
Concen: 4.674 ug/l
RT: 13.533 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

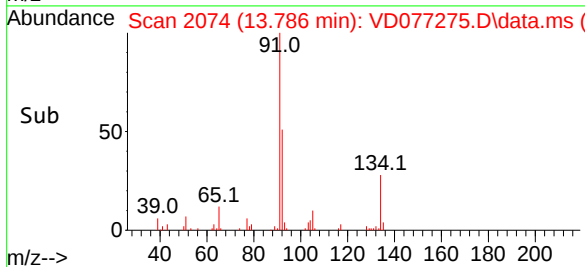
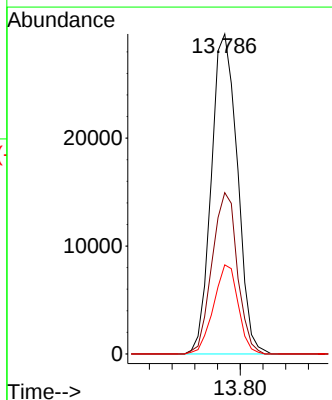
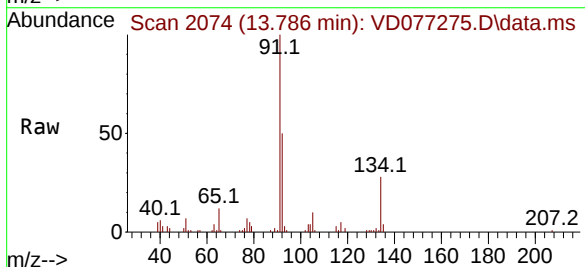
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

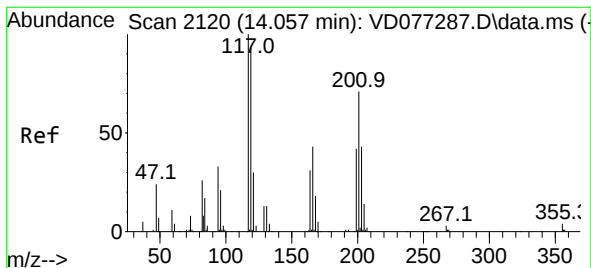
Tgt Ion:146 Resp: 29593
Ion Ratio Lower Upper
146 100
111 42.5 17.4 52.3
148 66.0 31.7 95.1



#89
n-Butylbenzene
Concen: 4.135 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion: 91 Resp: 47218
Ion Ratio Lower Upper
91 100
92 49.1 26.5 79.5
134 26.3 13.8 41.3





#90

Hexachloroethane

Concen: 4.545 ug/l

RT: 14.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

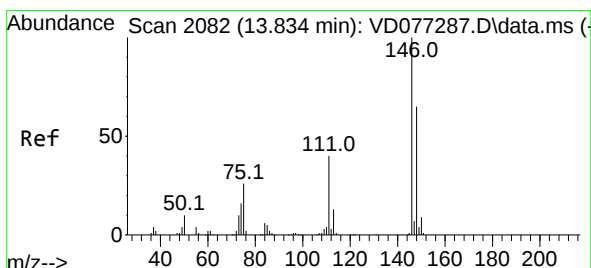
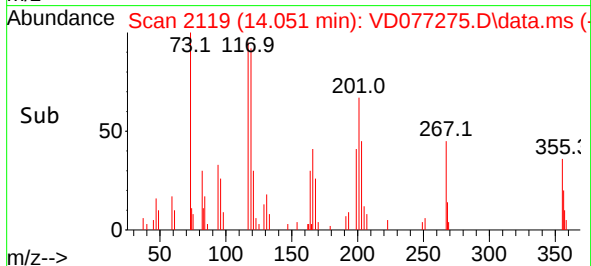
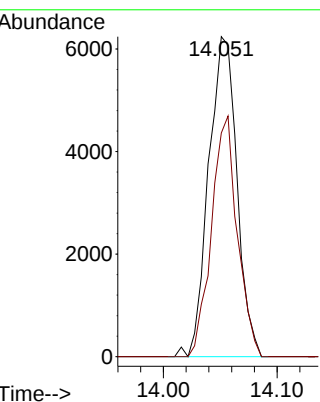
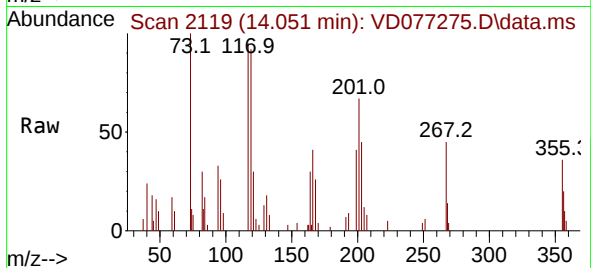
VSTDIC005

Tgt Ion:117 Resp: 10786

Ion Ratio Lower Upper

117 100

201 68.6 38.5 115.5



#91

1,2-Dichlorobenzene

Concen: 4.418 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD077275.D

Acq: 05 Oct 2023 15:08

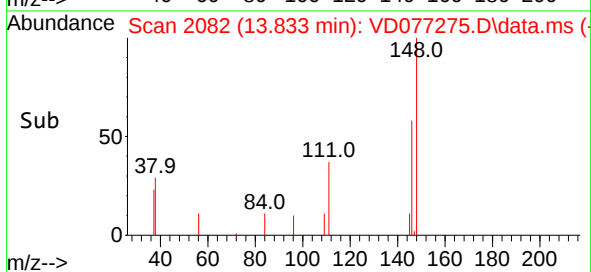
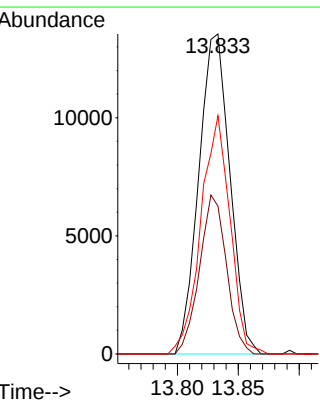
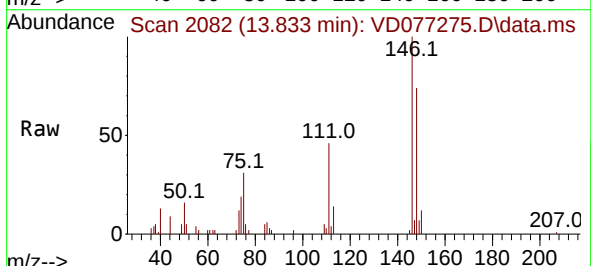
Tgt Ion:146 Resp: 24131

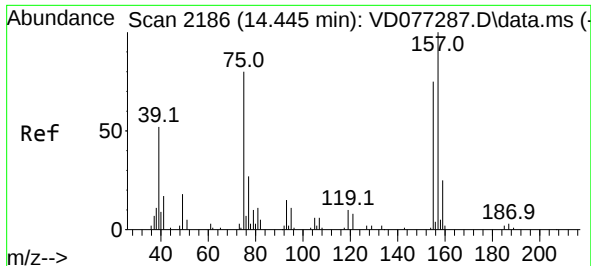
Ion Ratio Lower Upper

146 100

111 43.0 18.3 54.8

148 69.6 31.6 94.7

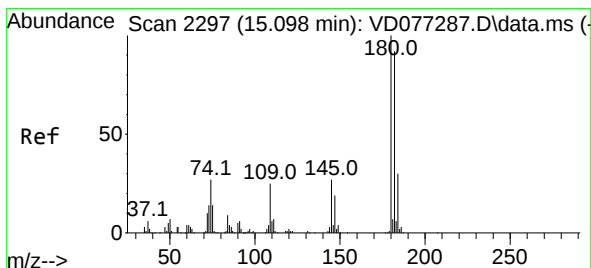
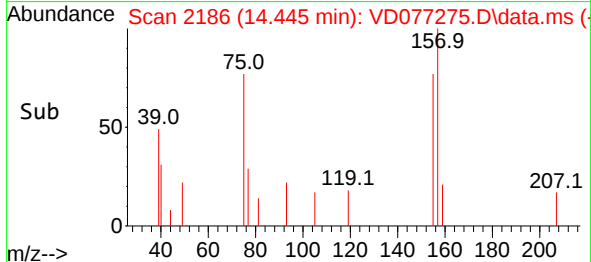
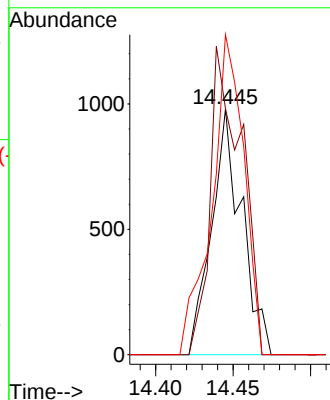
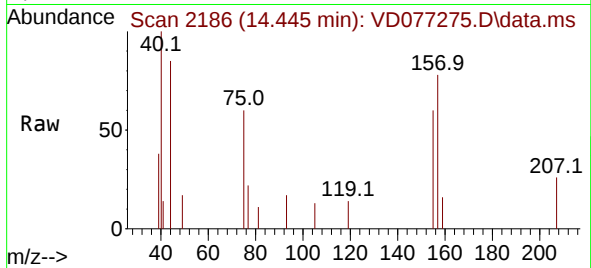




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.910 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

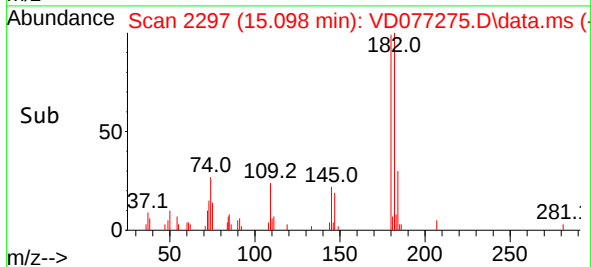
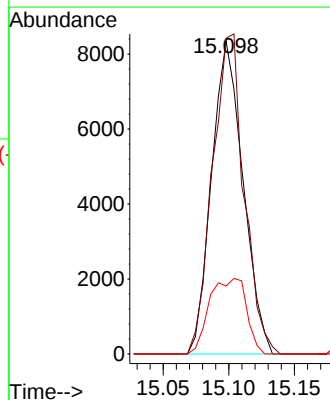
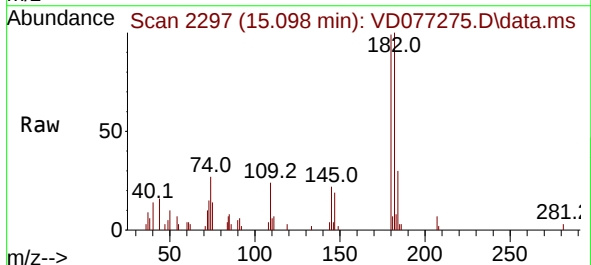
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

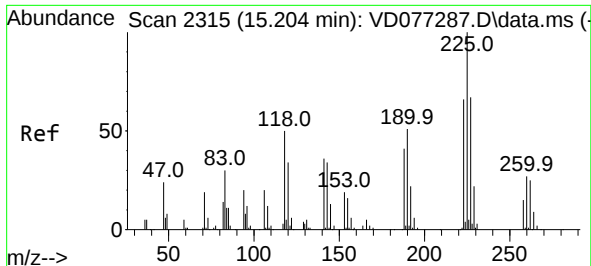
Tgt Ion: 75	Resp: 1329		
Ion Ratio	Lower	Upper	
75 100			
155 130.6	47.9	143.8	
157 138.4	59.9	179.7	



#93
1,2,4-Trichlorobenzene
Concen: 4.240 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion:180	Resp:	13916	
Ion	Ratio	Lower	Upper
180	100		
182	102.3	48.5	145.6
145	28.3	14.2	42.6

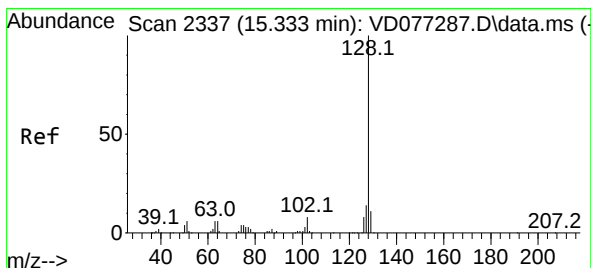
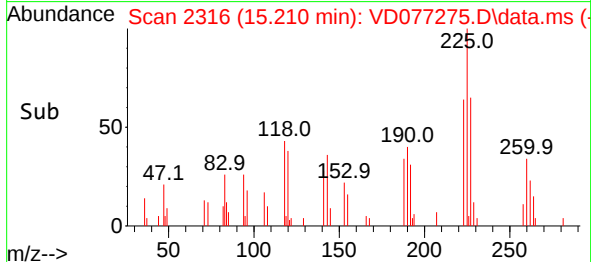
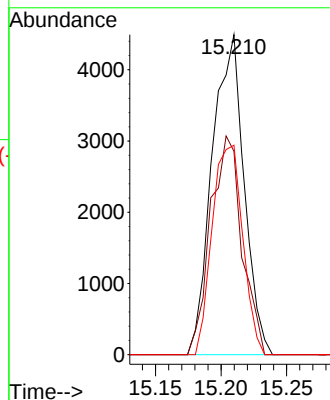
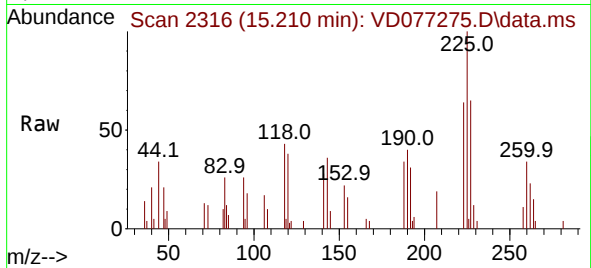




#94
Hexachlorobutadiene
Concen: 4.390 ug/l
RT: 15.210 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

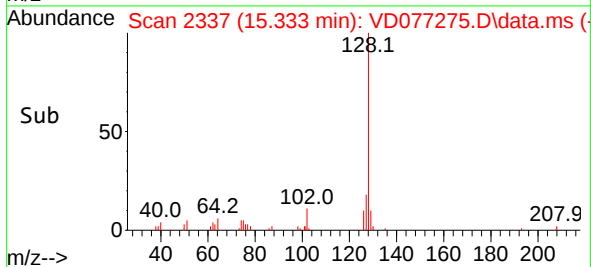
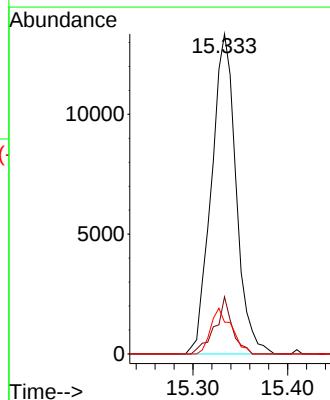
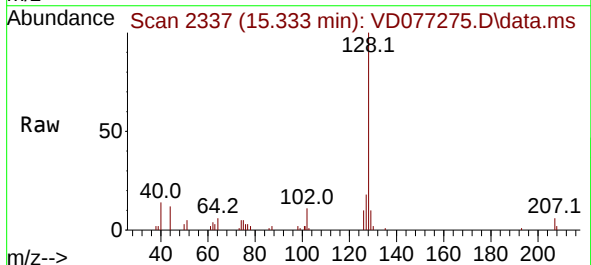
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

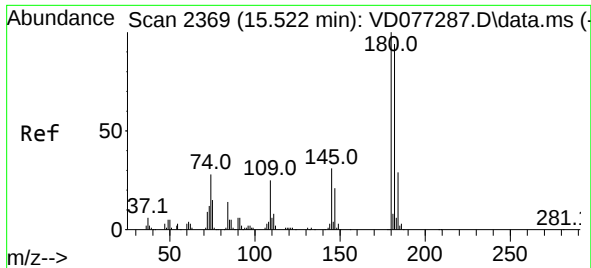
Tgt Ion:225 Resp: 7591
Ion Ratio Lower Upper
225 100
223 67.4 31.6 94.8
227 62.7 31.7 95.1



#95
Naphthalene
Concen: 3.829 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077275.D
Acq: 05 Oct 2023 15:08

Tgt Ion:128 Resp: 24181
Ion Ratio Lower Upper
128 100
127 17.9 10.5 15.7#
129 9.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 4.193 ug/l
 RT: 15.521 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077275.D
 Acq: 05 Oct 2023 15:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:	180	Resp:	12240
Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.3	141.9
145	33.9	15.1	45.3

