

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
 Data File : VD077486.D
 Acq On : 02 Nov 2023 10:20
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 03 01:00:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	240632	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	431120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	381003	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	172329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	170645	50.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.300%	
35) Dibromofluoromethane	7.810	113	148453	49.821	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.640%	
50) Toluene-d8	10.269	98	608052	52.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.080%	
62) 4-Bromofluorobenzene	12.575	95	190945	48.983	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.940	85	85028	43.822	ug/l	100
3) Chloromethane	2.152	50	167426	54.351	ug/l	98
4) Vinyl Chloride	2.293	62	178212	59.327	ug/l	100
5) Bromomethane	2.705	94	102397	65.052	ug/l	100
6) Chloroethane	2.846	64	124417	61.518	ug/l	99
7) Trichlorofluoromethane	3.187	101	199511	47.427	ug/l	99
8) Diethyl Ether	3.599	74	68498	45.299	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	3.969	101	115891	45.635	ug/l	93
10) Methyl Iodide	4.175	142	137934	43.448	ug/l #	88
11) Tert butyl alcohol	5.058	59	45765	169.792	ug/l #	94
12) 1,1-Dichloroethene	3.952	96	116014	48.254	ug/l #	65
13) Acrolein	3.805	56	74933	210.819	ug/l	95
14) Allyl chloride	4.575	41	272356	46.958	ug/l #	84
15) Acrylonitrile	5.263	53	179820	219.983	ug/l	97
16) Acetone	4.022	43	206026	228.820	ug/l #	76
17) Carbon Disulfide	4.281	76	344415	46.709	ug/l	100
18) Methyl Acetate	4.563	43	146082	44.479	ug/l #	78
19) Methyl tert-butyl Ether	5.322	73	326022	43.201	ug/l	93
20) Methylene Chloride	4.810	84	148928	43.693	ug/l #	62
21) trans-1,2-Dichloroethene	5.316	96	135235	48.298	ug/l #	72
22) Diisopropyl ether	6.222	45	565618	45.885	ug/l #	89
23) Vinyl Acetate	6.163	43	1364768	256.629	ug/l #	82
24) 1,1-Dichloroethane	6.122	63	298411	46.654	ug/l	94
25) 2-Butanone	7.087	43	245010	204.010	ug/l #	72
26) 2,2-Dichloropropane	7.081	77	254697	44.933	ug/l	91
27) cis-1,2-Dichloroethene	7.087	96	162725	46.909	ug/l	71
28) Bromochloromethane	7.434	49	153382	52.773	ug/l #	54
29) Tetrahydrofuran	7.446	42	150546	211.357	ug/l #	69
30) Chloroform	7.599	83	273861	45.856	ug/l	96
31) Cyclohexane	7.881	56	250803	47.151	ug/l #	75
32) 1,1,1-Trichloroethane	7.793	97	232069	47.163	ug/l	95
36) 1,1-Dichloropropene	8.010	75	209183	47.349	ug/l	92
37) Ethyl Acetate	7.175	43	105272	41.521	ug/l #	87
38) Carbon Tetrachloride	7.993	117	196206	47.129	ug/l	96
39) Methylcyclohexane	9.275	83	238454	47.305	ug/l #	82
40) Benzene	8.251	78	602972	47.863	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	59407	36.619	ug/l #	75
42) 1,2-Dichloroethane	8.328	62	173693	43.531	ug/l	91
43) Isopropyl Acetate	8.363	43	218854	41.829	ug/l #	80
44) Trichloroethene	9.034	130	139983	45.362	ug/l	89
45) 1,2-Dichloropropane	9.310	63	171363	46.204	ug/l	100
46) Dibromomethane	9.398	93	77414	43.373	ug/l	87
47) Bromodichloromethane	9.587	83	208369	44.168	ug/l	99
48) Methyl methacrylate	9.381	41	105322	42.171	ug/l #	64
49) 1,4-Dioxane	9.393	88	13971	728.453	ug/l #	60
51) 4-Methyl-2-Pentanone	10.163	43	525018	203.865	ug/l #	82
52) Toluene	10.340	92	356375	46.404	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	217960	43.631	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	260745	45.358	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	103409	43.425	ug/l	91
56) Ethyl methacrylate	10.598	69	148059	41.818	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	196046	44.045	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	426062	240.369	ug/l #	84
59) 2-Hexanone	10.922	43	382785	201.768	ug/l	78
60) Dibromochloromethane	11.075	129	120736	42.165	ug/l	96
61) 1,2-Dibromoethane	11.181	107	94764	42.022	ug/l	98
64) Tetrachloroethene	10.810	164	108054	44.545	ug/l	94
65) Chlorobenzene	11.610	112	360802	45.202	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	130275	43.190	ug/l	97
67) Ethyl Benzene	11.687	91	713530	46.459	ug/l	94
68) m/p-Xylenes	11.798	106	510622	92.071	ug/l	80
69) o-Xylene	12.122	106	245742	46.260	ug/l	82
70) Styrene	12.140	104	413593	45.131	ug/l #	91
71) Bromoform	12.298	173	68668	41.063	ug/l #	99
73) Isopropylbenzene	12.422	105	649822	46.250	ug/l	94
74) N-amyl acetate	12.234	43	203324	40.856	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	116073	42.145	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	157452	75.070	ug/l #	100
77) Bromobenzene	12.704	156	133835	43.276	ug/l	71
78) n-propylbenzene	12.763	91	821374	46.041	ug/l	92
79) 2-Chlorotoluene	12.851	91	451430	44.691	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	538547	45.681	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	43889	40.420	ug/l #	86
82) 4-Chlorotoluene	12.951	91	463540	44.056	ug/l	89
83) tert-Butylbenzene	13.169	119	454724	45.876	ug/l	88
84) 1,2,4-Trimethylbenzene	13.216	105	530324	45.284	ug/l	92
85) sec-Butylbenzene	13.345	105	694135	45.770	ug/l	94
86) p-Isopropyltoluene	13.463	119	561024	45.511	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	270371	44.476	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	264152	43.491	ug/l	96
89) n-Butylbenzene	13.786	91	585142	45.669	ug/l	97
90) Hexachloroethane	14.057	117	112943	44.773	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	234520	43.897	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	17187	37.043	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	155295	42.313	ug/l	97
94) Hexachlorobutadiene	15.204	225	83009	41.930	ug/l	98
95) Naphthalene	15.333	128	293315	41.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	130381	41.155	ug/l	98

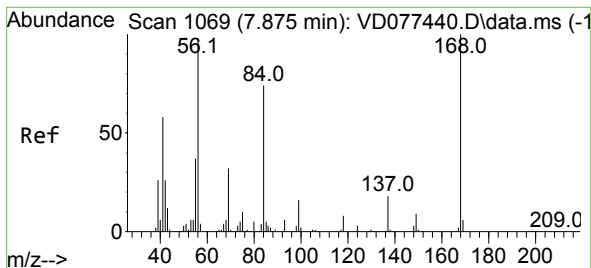
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Quant Title : SW846 8260
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

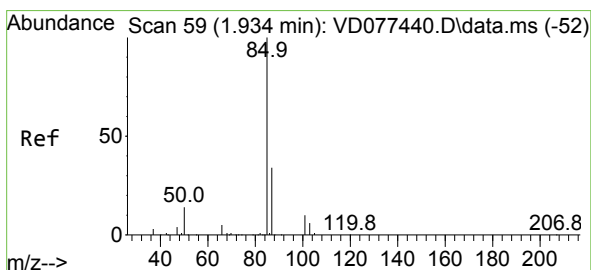
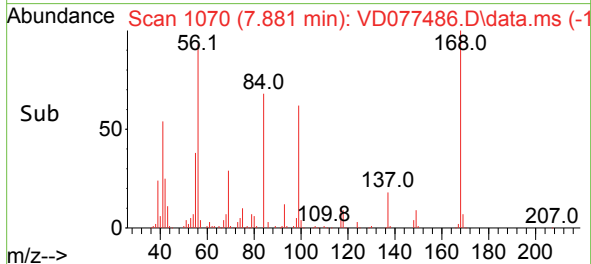
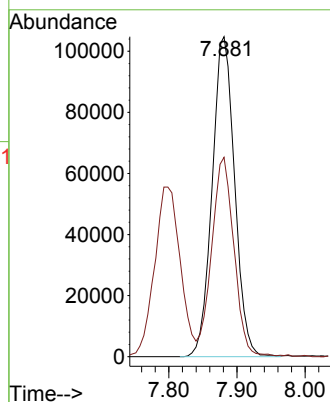
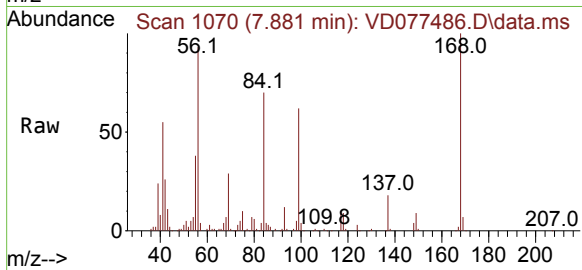
ClientSampleId :

Tgt Ion:168 Resp: 240632

Ion Ratio Lower Upper

168 100

99 61.8 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 43.822 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.006 min

Lab File: VD077486.D

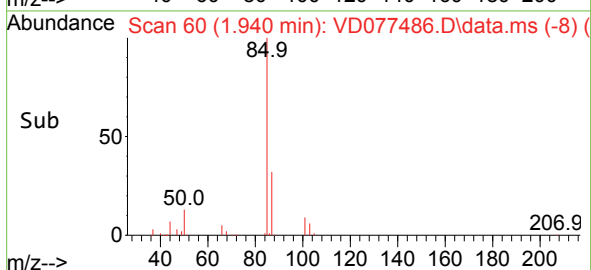
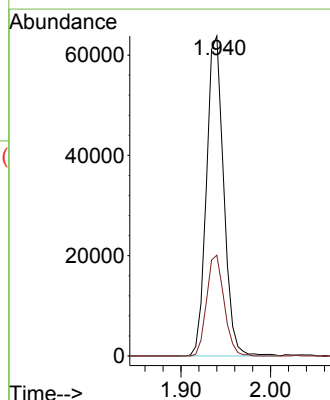
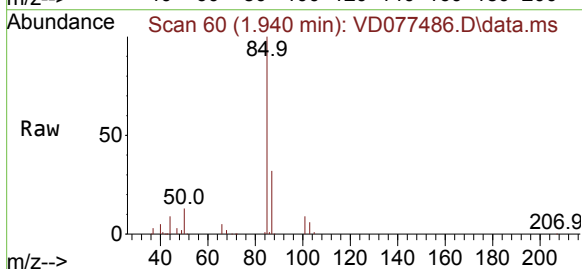
Acq: 02 Nov 2023 10:20

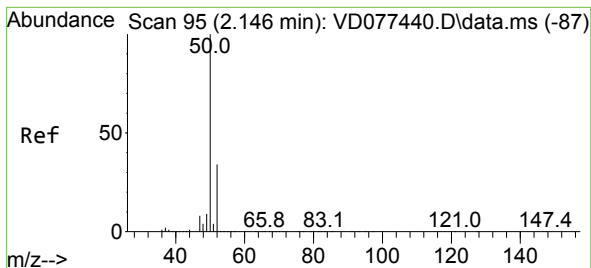
Tgt Ion: 85 Resp: 85028

Ion Ratio Lower Upper

85 100

87 31.5 15.7 47.0





#3

Chloromethane

Concen: 54.351 ug/l

RT: 2.152 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

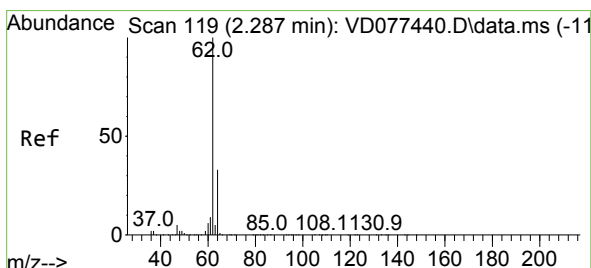
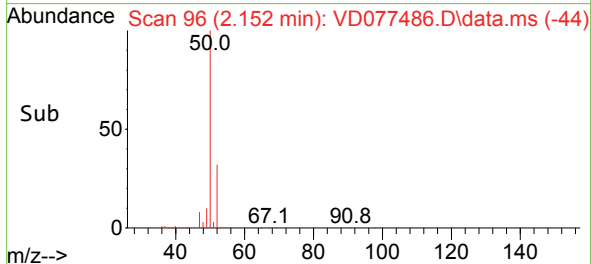
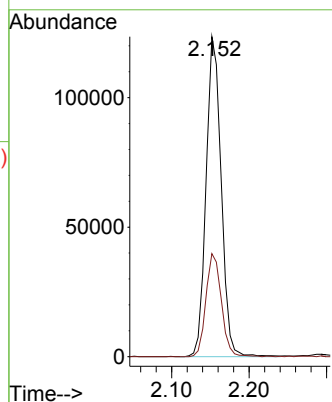
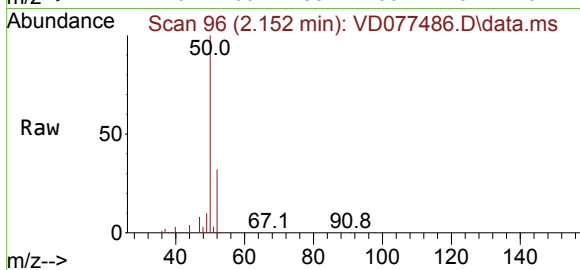
ClientSampleId :

Tgt Ion: 50 Resp: 167426

Ion Ratio Lower Upper

50 100

52 32.2 26.6 40.0



#4

Vinyl Chloride

Concen: 59.327 ug/l

RT: 2.293 min Scan# 120

Delta R.T. 0.006 min

Lab File: VD077486.D

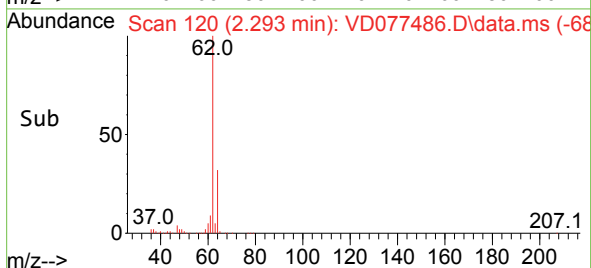
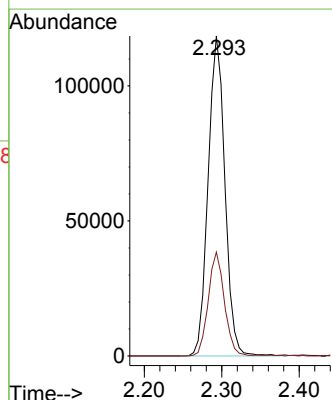
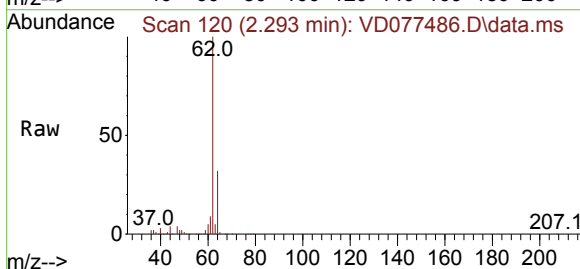
Acq: 02 Nov 2023 10:20

Tgt Ion: 62 Resp: 178212

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0

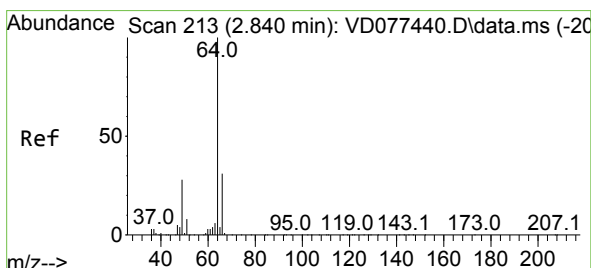
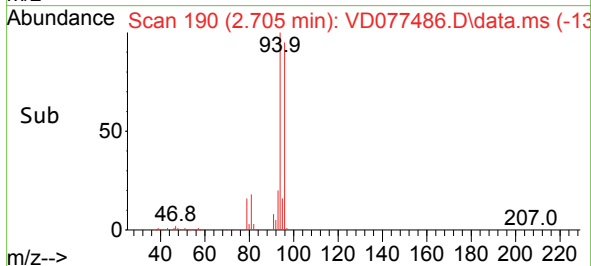
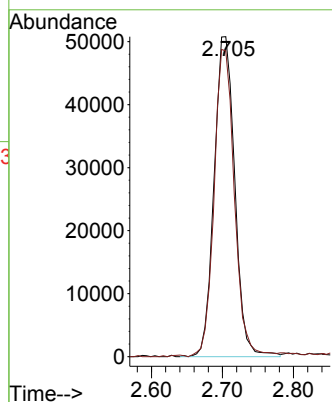
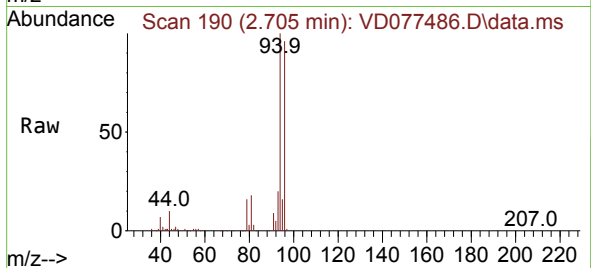




#5
Bromomethane
Concen: 65.052 ug/l
RT: 2.705 min Scan# 19
Delta R.T. 0.012 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

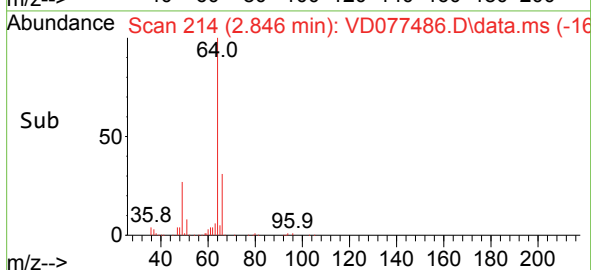
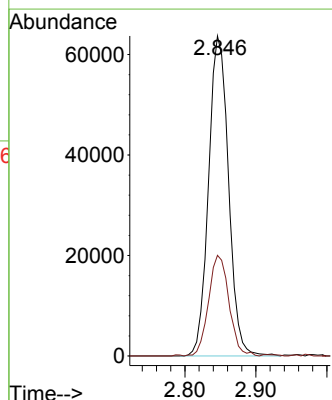
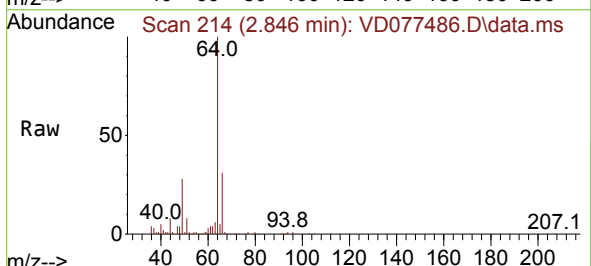
Instrument :
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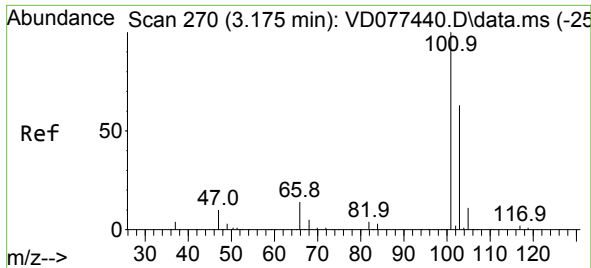
Tgt Ion: 94 Resp: 102397
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.8



#6
Chloroethane
Concen: 61.518 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion: 64 Resp: 124417
Ion Ratio Lower Upper
64 100
66 31.2 25.5 38.3

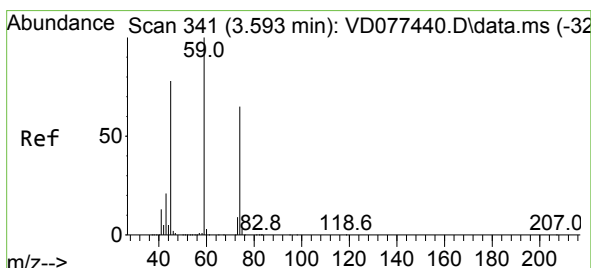
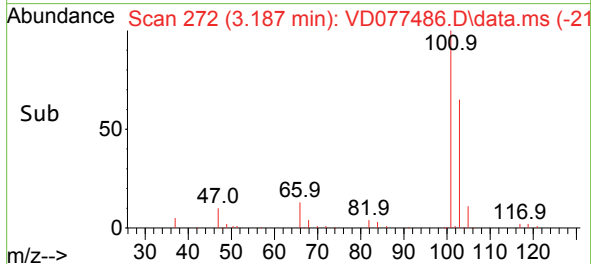
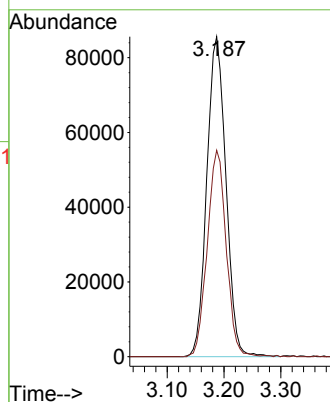
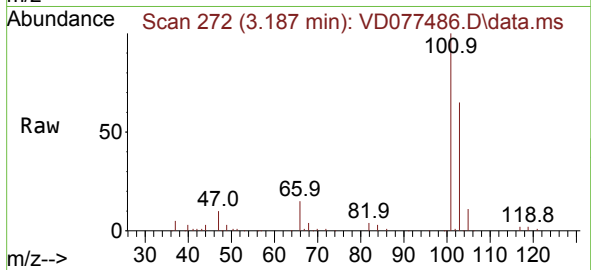




#7
Trichlorofluoromethane
Concen: 47.427 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

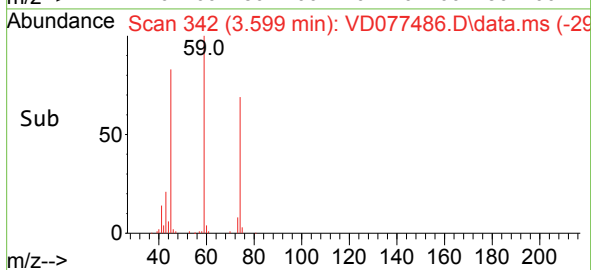
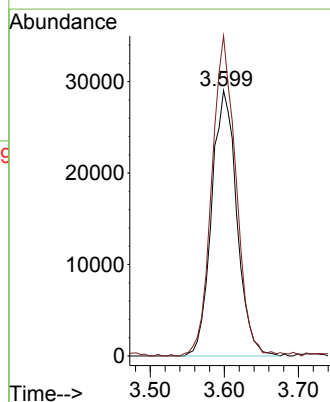
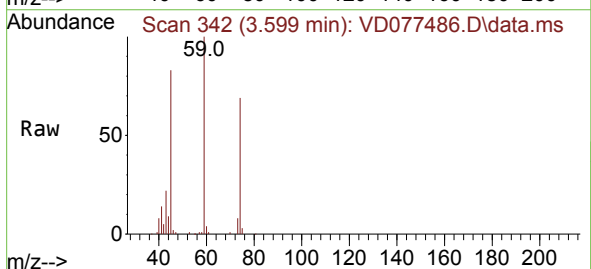
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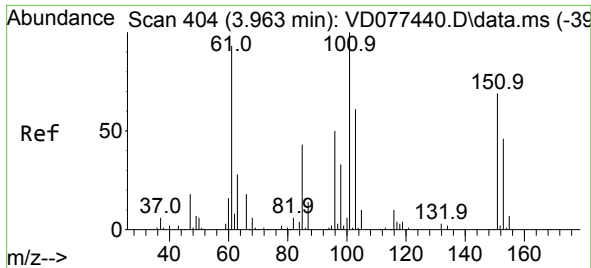
Tgt Ion:101 Resp: 199511
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5



#8
Diethyl Ether
Concen: 45.299 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion: 74 Resp: 68498
Ion Ratio Lower Upper
74 100
45 115.4 37.5 112.7#

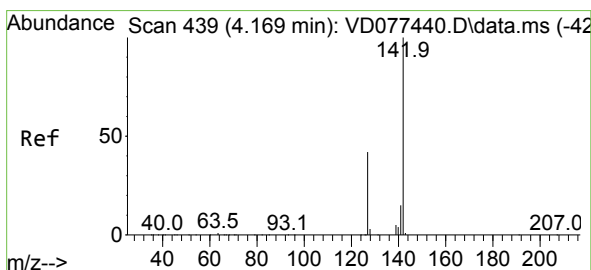
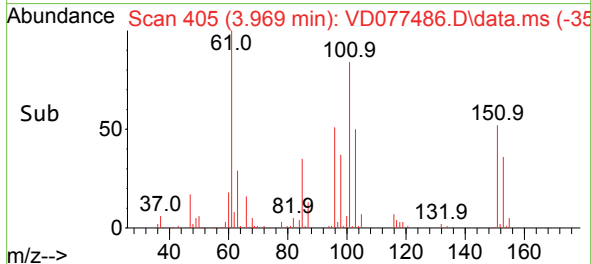
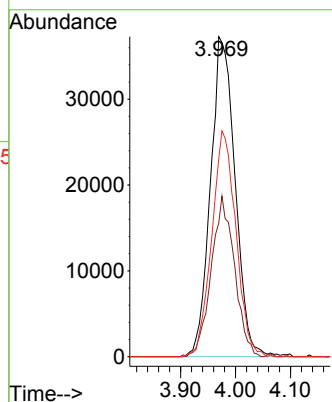
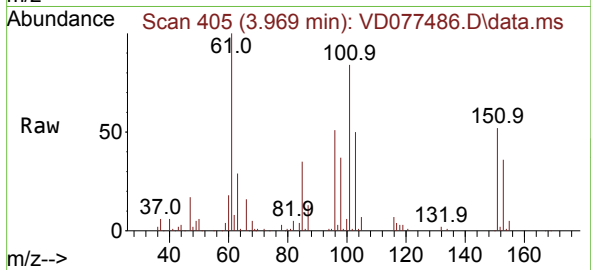




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.635 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

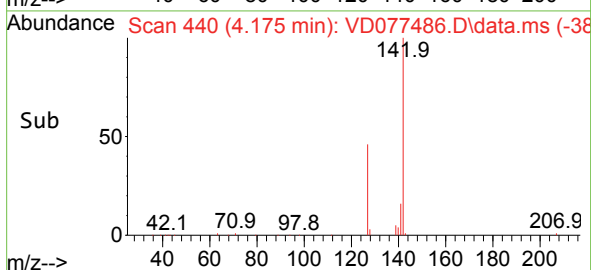
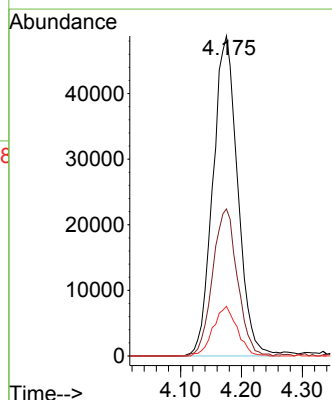
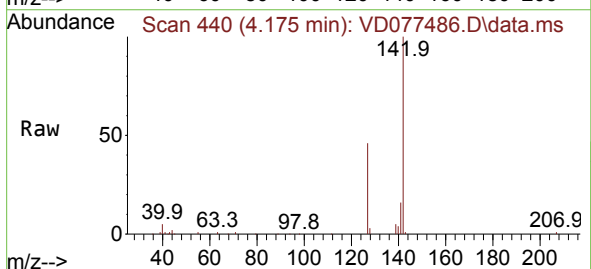
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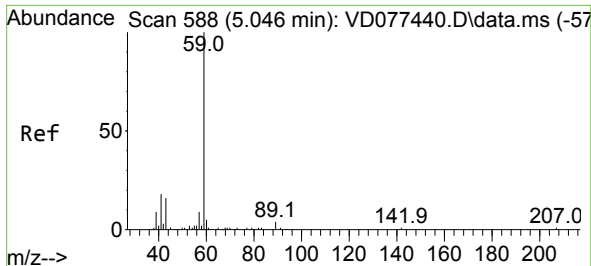
Tgt Ion:101 Resp: 115891
Ion Ratio Lower Upper
101 100
85 47.4 33.8 50.6
151 69.4 59.8 89.6



#10
Methyl Iodide
Concen: 43.448 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

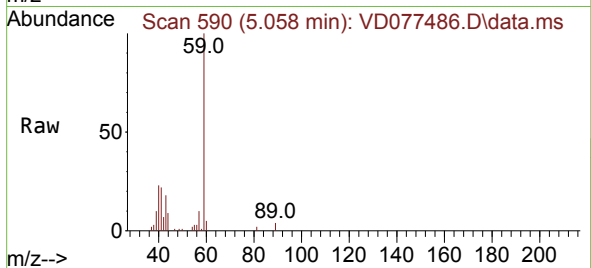
Tgt Ion:142 Resp: 137934
Ion Ratio Lower Upper
142 100
127 45.9 29.4 44.0#
141 15.1 11.1 16.7



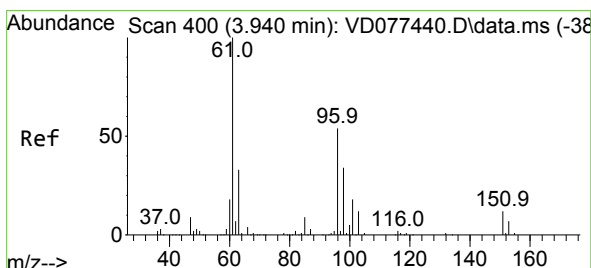
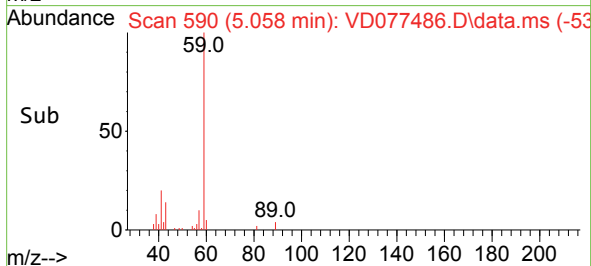
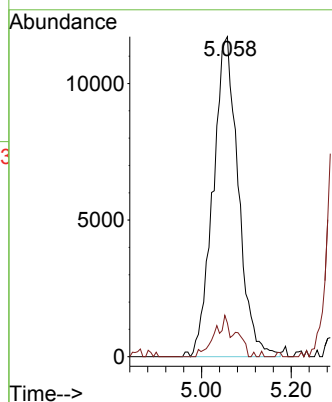


#11
Tert butyl alcohol
Concen: 169.792 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :

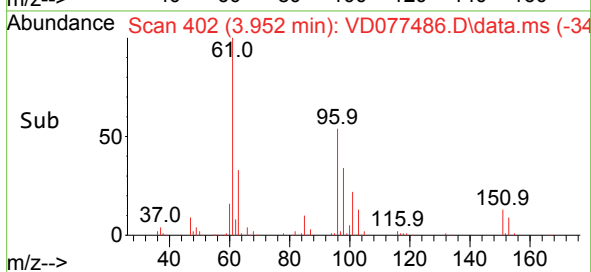
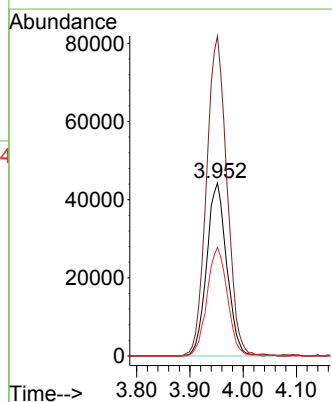
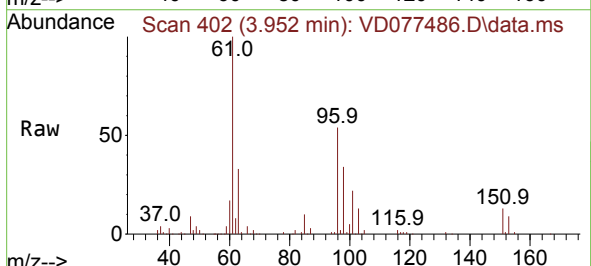


Tgt Ion: 59 Resp: 45765
Ion Ratio Lower Upper
59 100
57 7.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 48.254 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion: 96 Resp: 116014
Ion Ratio Lower Upper
96 100
61 185.0 100.6 150.8#
98 62.8 50.2 75.2

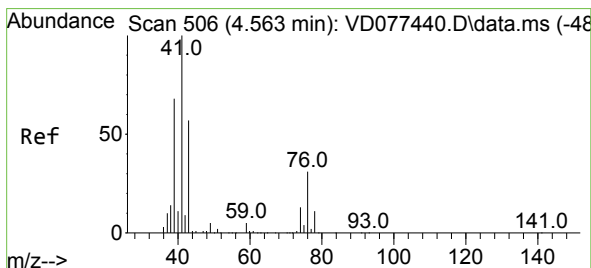
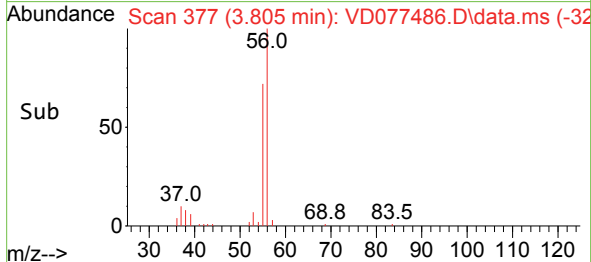
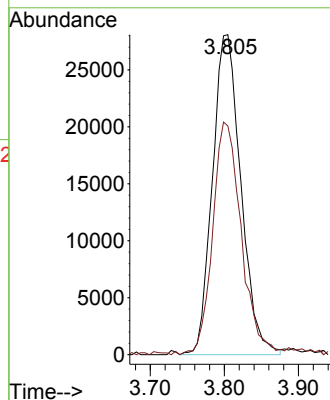
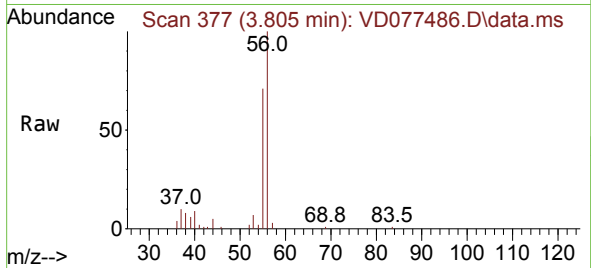




#13
Acrolein
Concen: 210.819 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

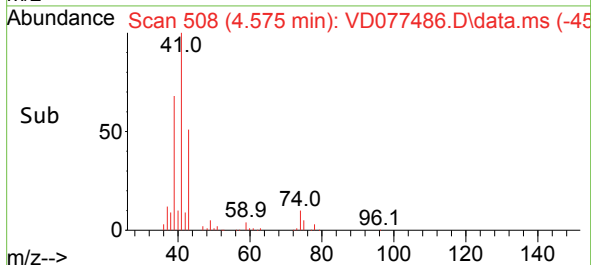
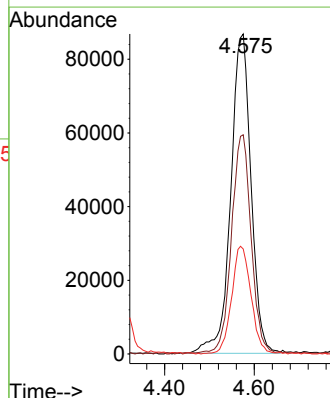
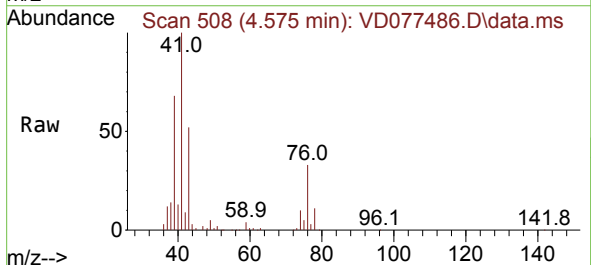
Instrument :
MSVOA_D
ClientSampleId :

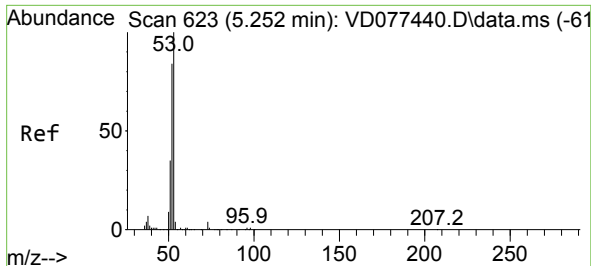
Tgt Ion: 56 Resp: 74933
Ion Ratio Lower Upper
56 100
55 73.0 55.1 82.7



#14
Allyl chloride
Concen: 46.958 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

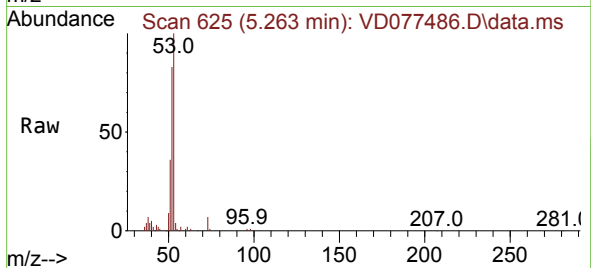
Tgt Ion: 41 Resp: 272356
Ion Ratio Lower Upper
41 100
39 67.2 53.8 80.6
76 32.4 45.8 68.8#



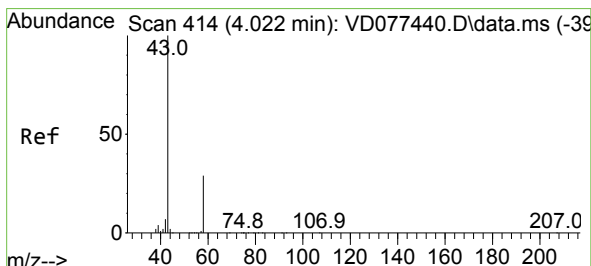
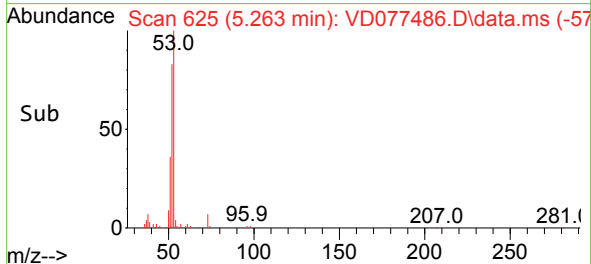
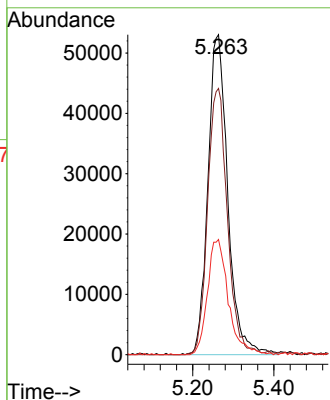


#15
Acrylonitrile
Concen: 219.983 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :

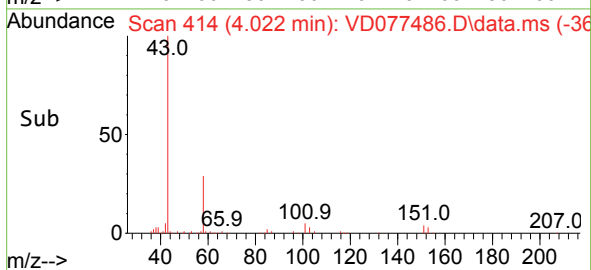
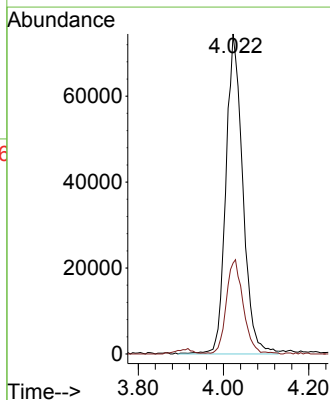
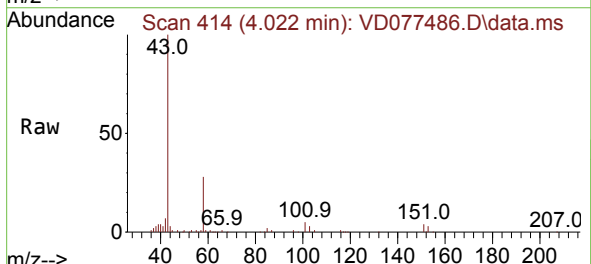


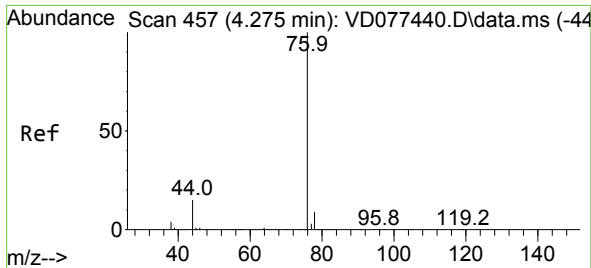
Tgt Ion: 53 Resp: 179820
Ion Ratio Lower Upper
53 100
52 82.9 65.0 97.4
51 38.0 28.3 42.5



#16
Acetone
Concen: 228.820 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion: 43 Resp: 206026
Ion Ratio Lower Upper
43 100
58 28.1 34.7 52.1#

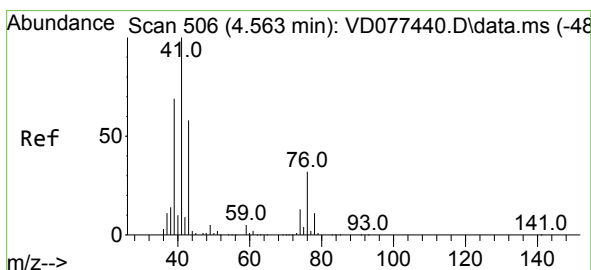
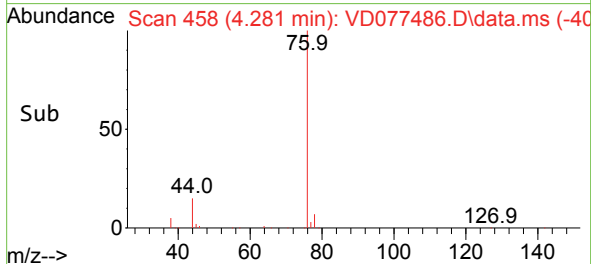
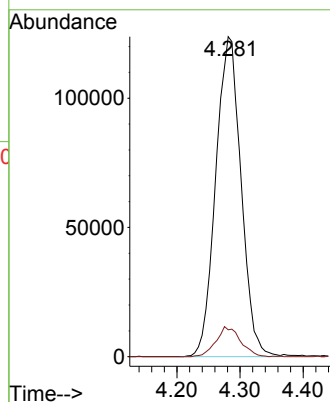
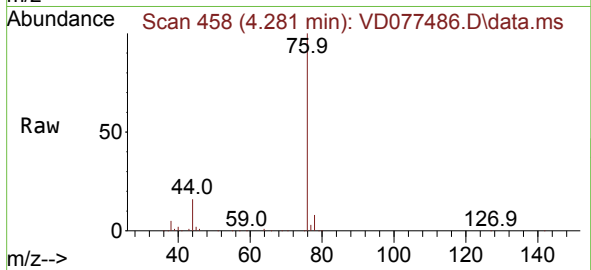




#17
Carbon Disulfide
Concen: 46.709 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

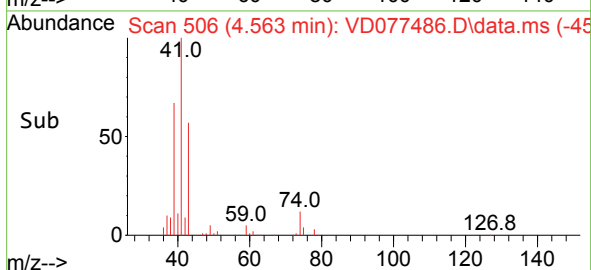
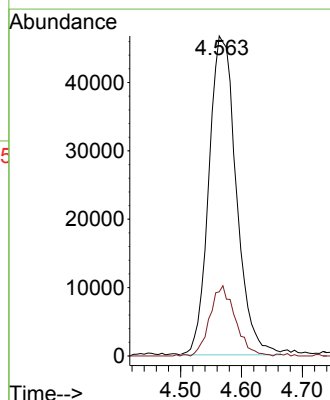
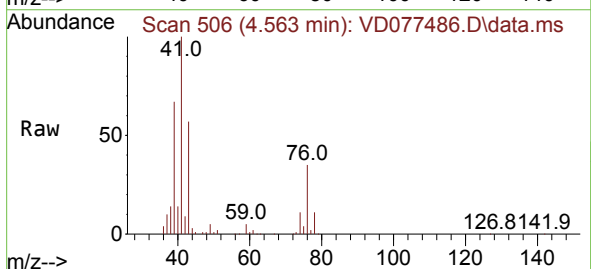
Instrument :
MSVOA_D
ClientSampleId :

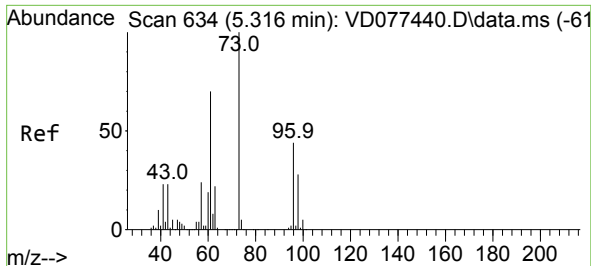
Tgt Ion: 76 Resp: 344415
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 44.479 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion: 43 Resp: 146082
Ion Ratio Lower Upper
43 100
74 20.4 26.4 39.6#

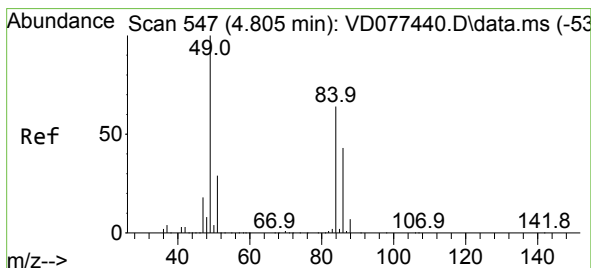
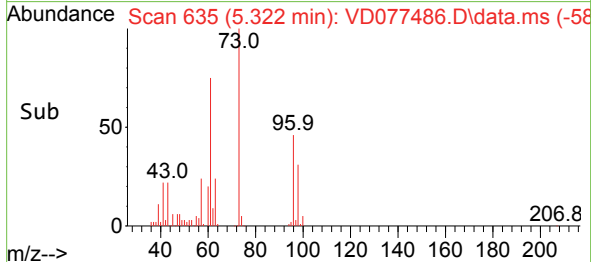
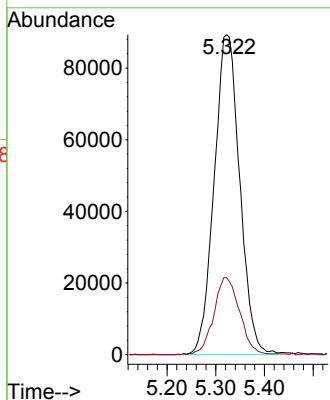
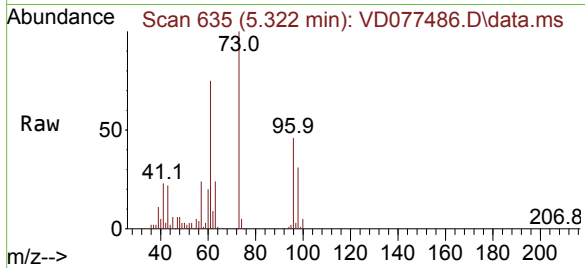




#19
Methyl tert-butyl Ether
Concen: 43.201 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

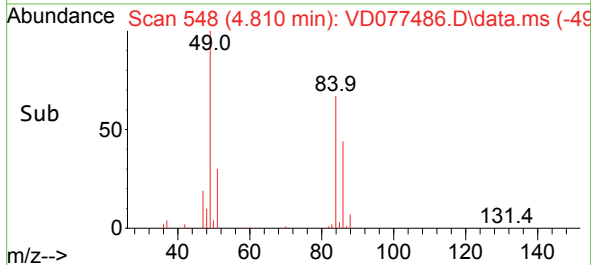
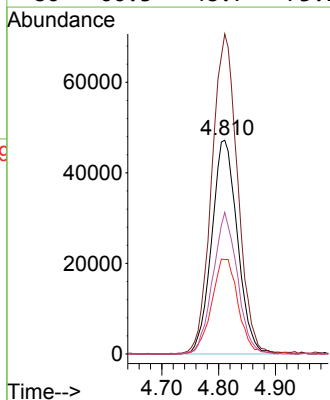
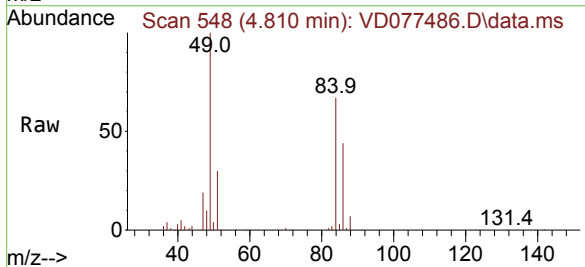
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 326022
Ion Ratio Lower Upper
73 100
57 23.9 16.6 25.0



#20
Methylene Chloride
Concen: 43.693 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

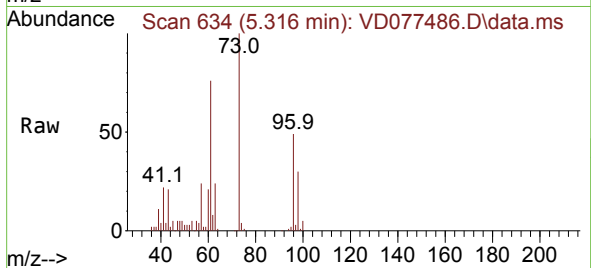
Tgt Ion: 84 Resp: 148928
Ion Ratio Lower Upper
84 100
49 149.3 71.4 107.2#
51 44.2 24.5 36.7#
86 66.3 48.7 73.1



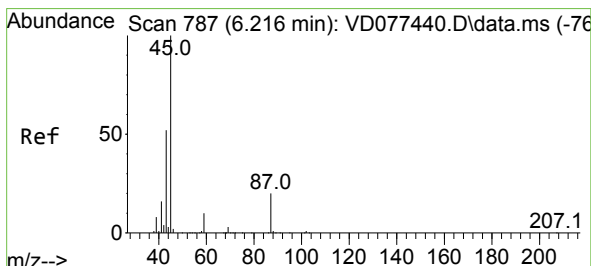
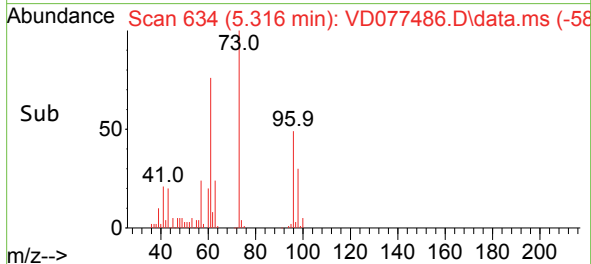
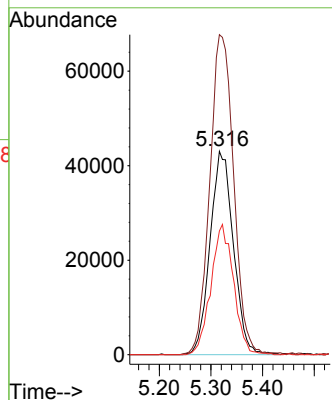


#21
trans-1,2-Dichloroethene
Concen: 48.298 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :

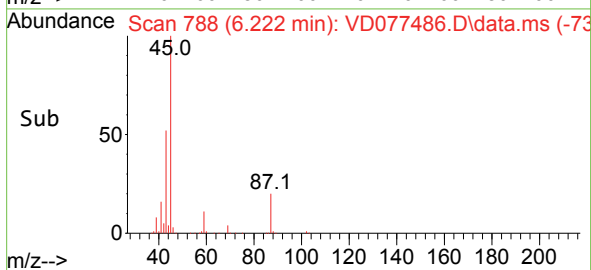
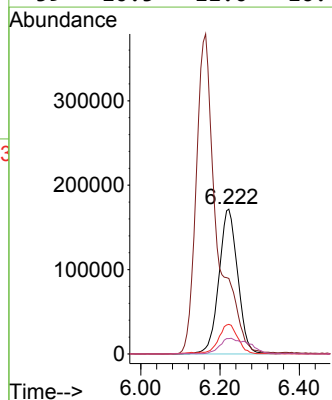
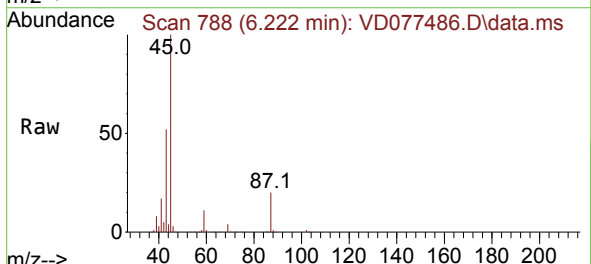


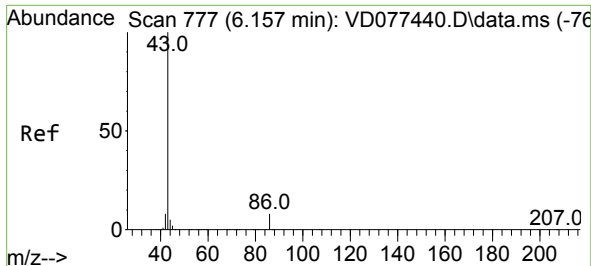
Tgt Ion: 96 Resp: 135235
Ion Ratio Lower Upper
96 100
61 157.3 89.3 133.9#
98 60.8 48.6 73.0



#22
Diisopropyl ether
Concen: 45.885 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion: 45 Resp: 565618
Ion Ratio Lower Upper
45 100
43 51.3 40.0 60.0
87 20.3 28.2 42.4#
59 10.5 11.0 16.4#

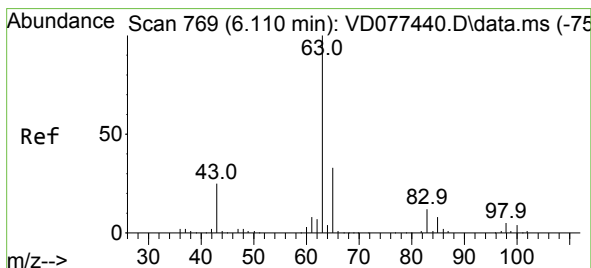
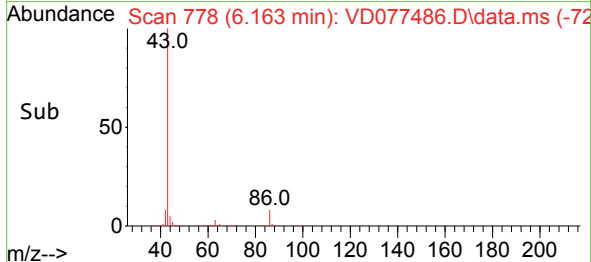
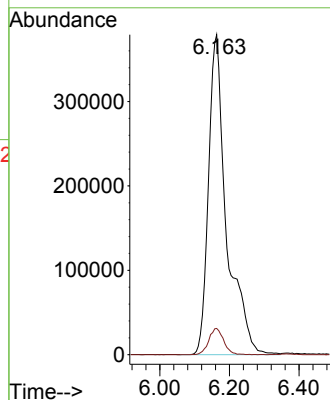
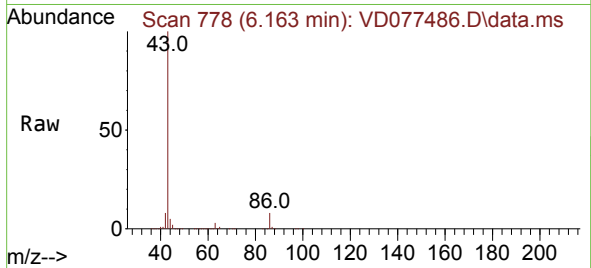




#23
 Vinyl Acetate
 Concen: 256.629 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077486.D
 Acq: 02 Nov 2023 10:20

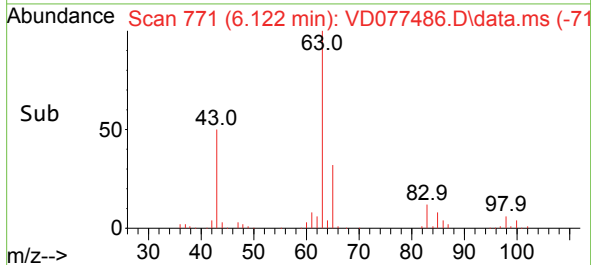
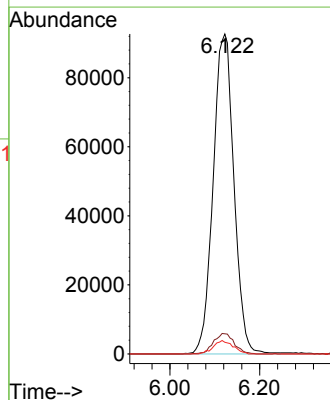
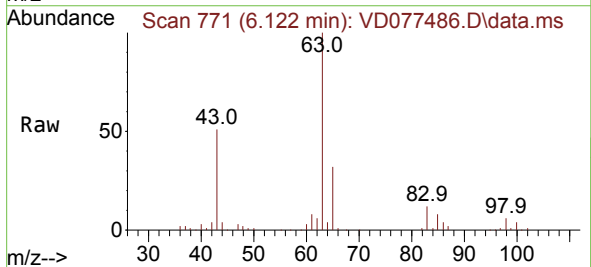
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 1364768
 Ion Ratio Lower Upper
 43 100
 86 8.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 46.654 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD077486.D
 Acq: 02 Nov 2023 10:20

Tgt Ion: 63 Resp: 298411
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.5 13.7
 100 3.7 2.5 7.5

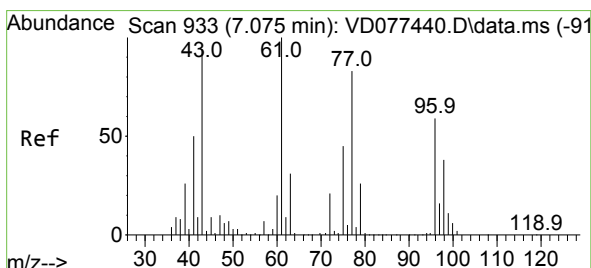
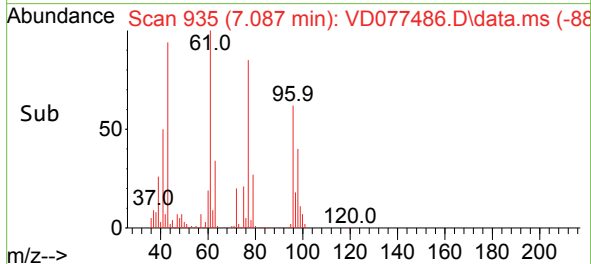
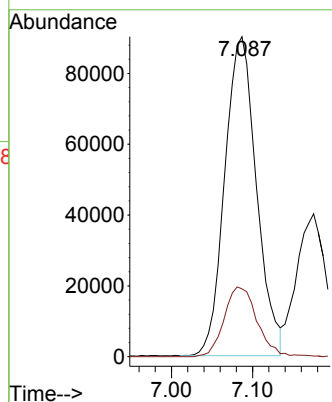
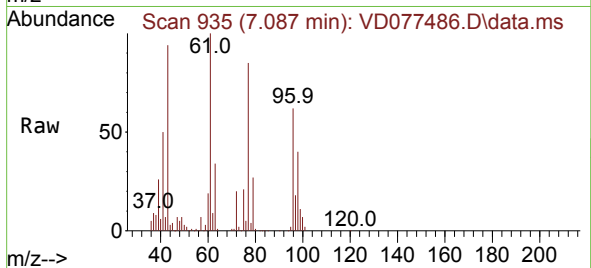




#25
2-Butanone
Concen: 204.010 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

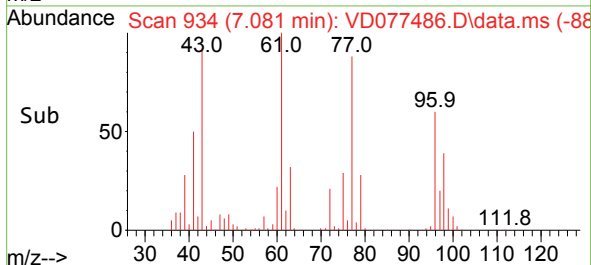
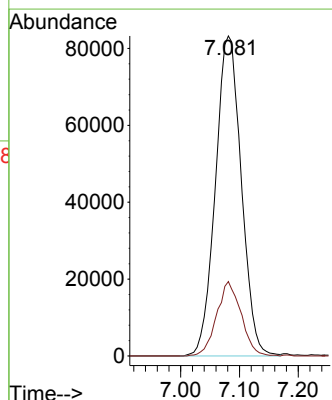
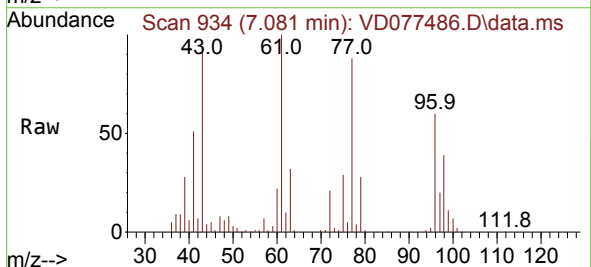
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 245010
Ion Ratio Lower Upper
43 100
72 21.3 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 44.933 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

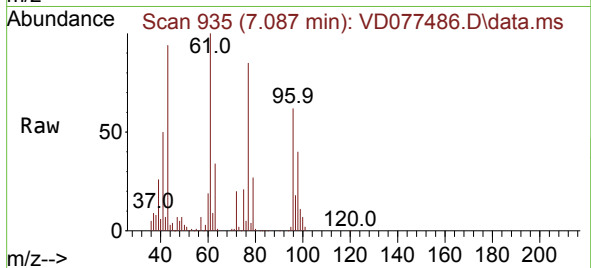
Tgt Ion: 77 Resp: 254697
Ion Ratio Lower Upper
77 100
97 22.0 13.2 39.6





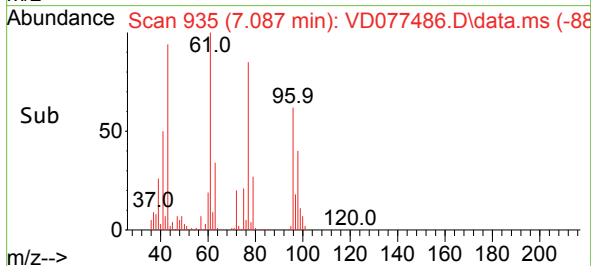
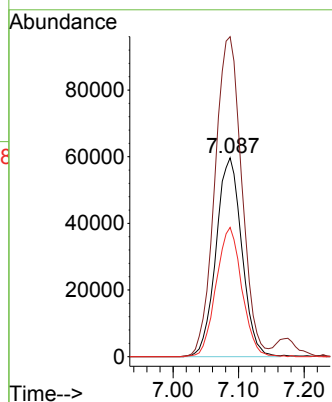
#27
 cis-1,2-Dichloroethene
 Concen: 46.909 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077486.D
 Acq: 02 Nov 2023 10:20

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 162725

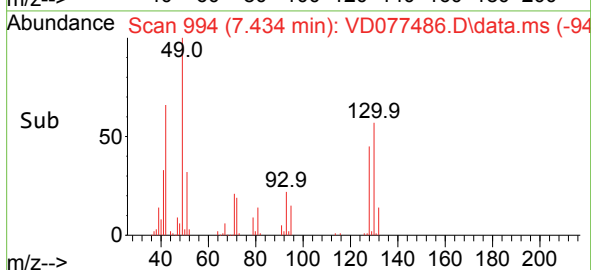
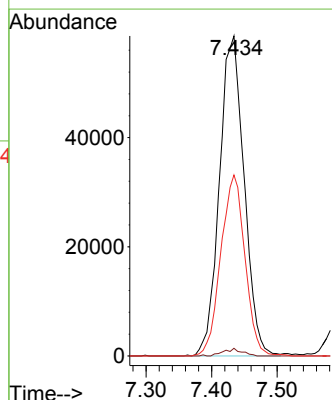
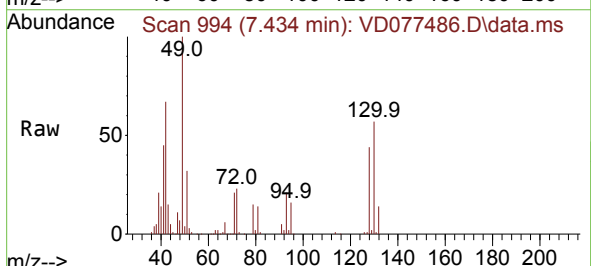
Ion	Ratio	Lower	Upper
96	100		
61	168.2	0.0	239.2
98	64.8	0.0	128.6

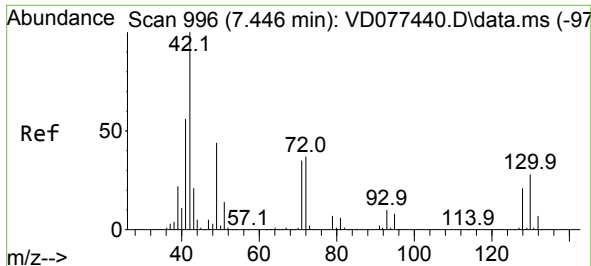


#28
 Bromochloromethane
 Concen: 52.773 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD077486.D
 Acq: 02 Nov 2023 10:20

Tgt Ion: 49 Resp: 153382

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	6.0
130	55.2	83.2	124.8





#29

Tetrahydrofuran

Concen: 211.357 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

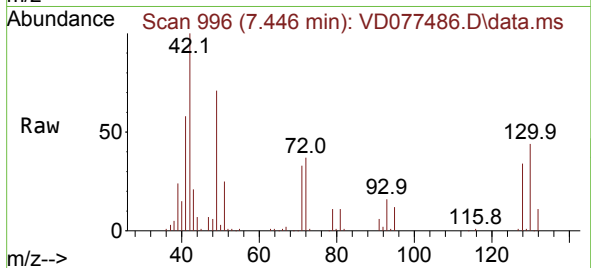
Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

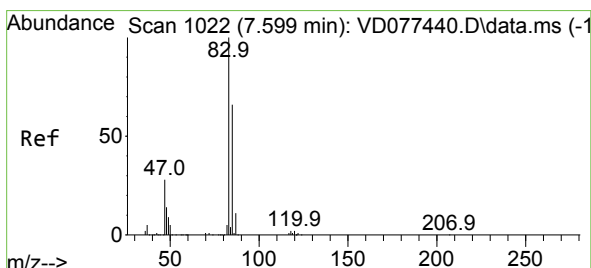
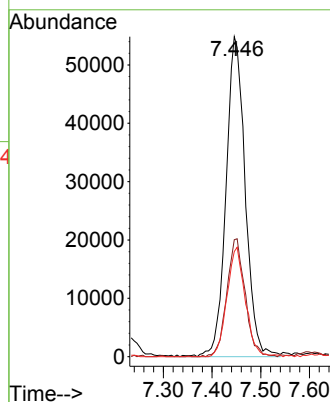
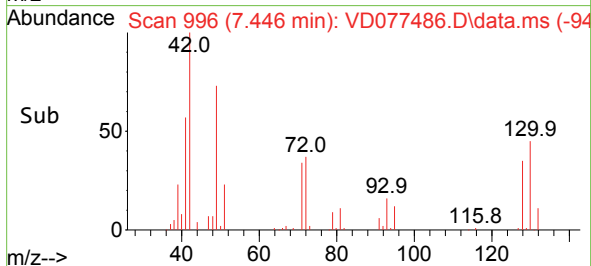
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	150546
Ion Ratio	Lower	Upper	
42	100		
72	35.0	46.5	69.7#
71	32.4	44.5	66.7#



#30

Chloroform

Concen: 45.856 ug/l

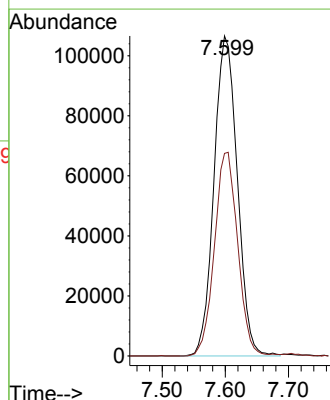
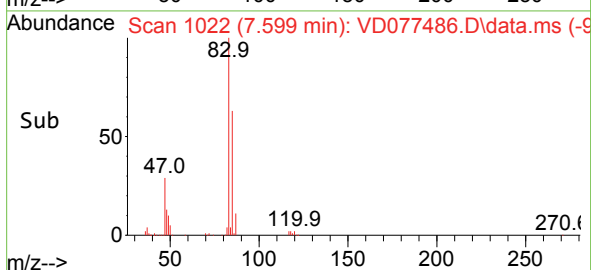
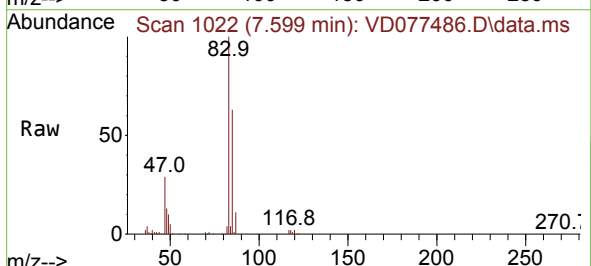
RT: 7.599 min Scan# 1022

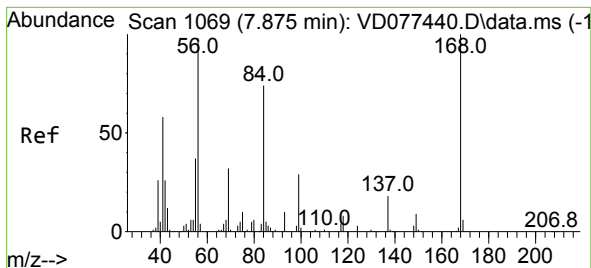
Delta R.T. 0.000 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Tgt Ion:	83	Resp:	273861
Ion Ratio	Lower	Upper	
83	100		
85	63.3	53.4	80.2





#31

Cyclohexane

Concen: 47.151 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

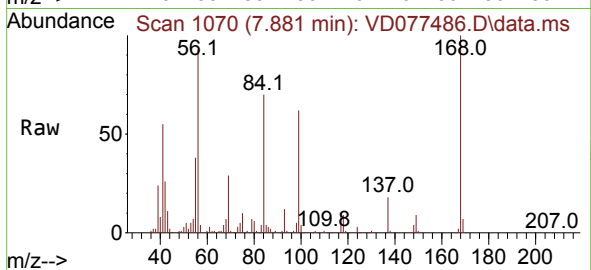
Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

ClientSampleId :



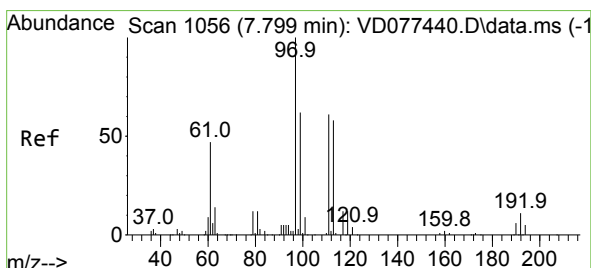
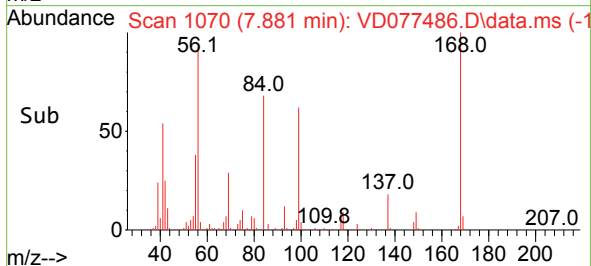
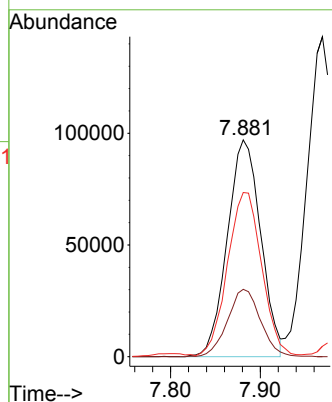
Tgt Ion: 56 Resp: 250803

Ion Ratio Lower Upper

56 100

69 31.0 28.6 43.0

84 74.4 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 47.163 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

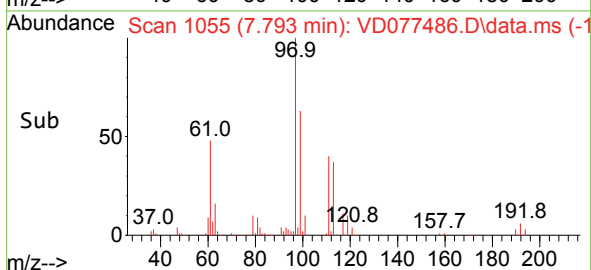
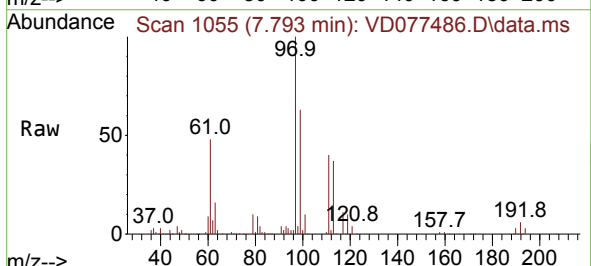
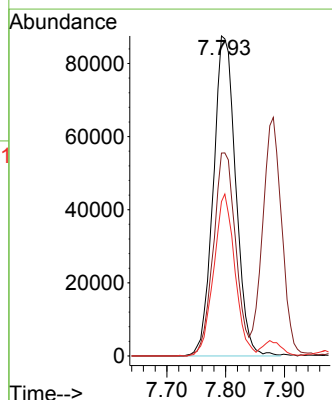
Tgt Ion: 97 Resp: 232069

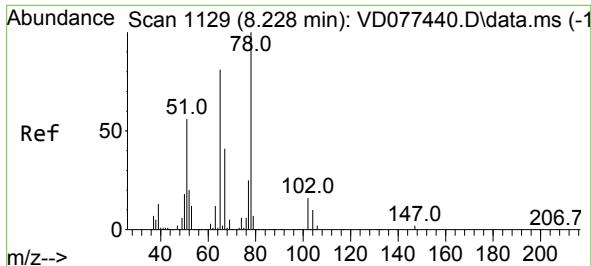
Ion Ratio Lower Upper

97 100

99 63.1 52.0 78.0

61 47.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.151 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

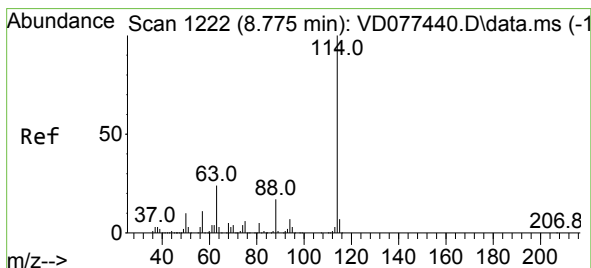
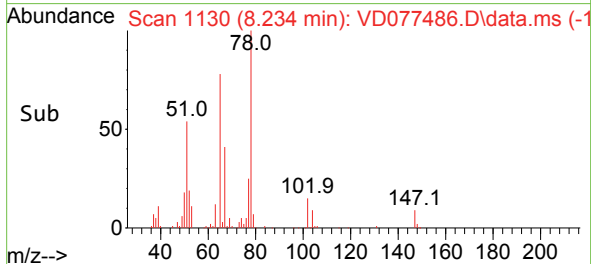
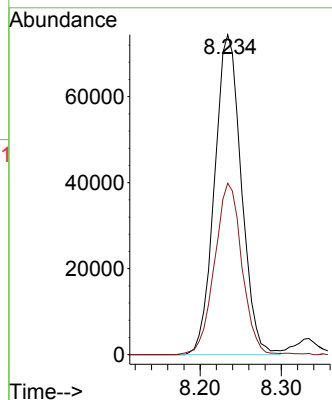
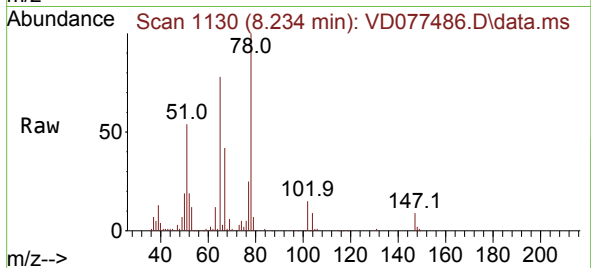
ClientSampleId :

Tgt Ion: 65 Resp: 170645

Ion Ratio Lower Upper

65 100

67 54.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

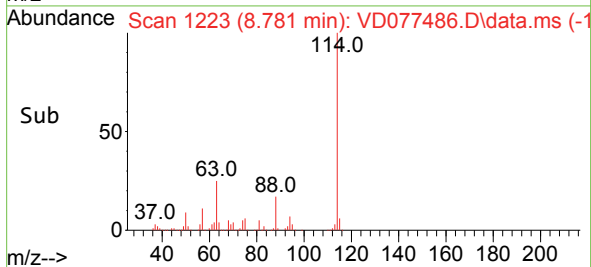
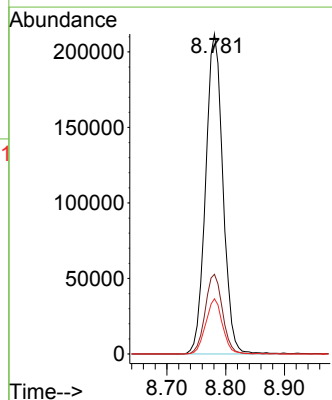
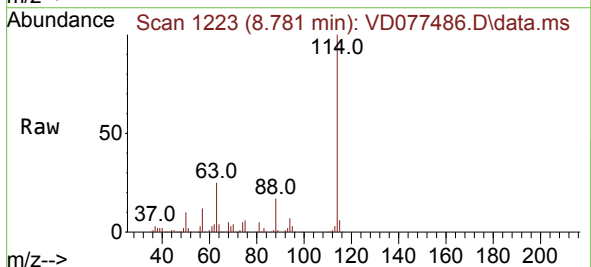
Tgt Ion: 114 Resp: 431120

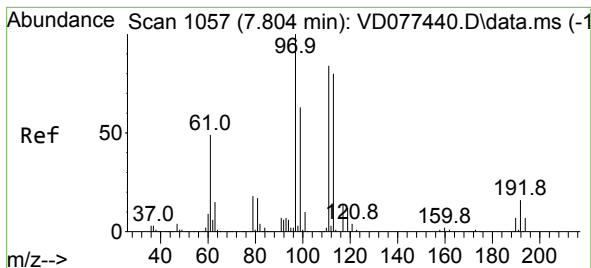
Ion Ratio Lower Upper

114 100

63 24.9 0.0 33.4

88 17.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.821 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

ClientSampleId :

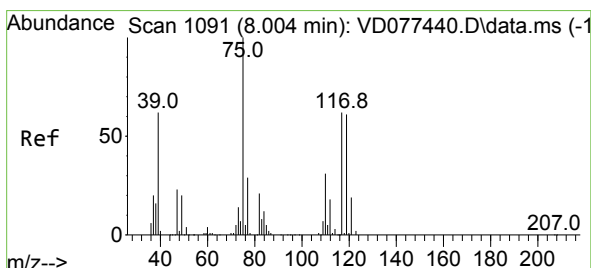
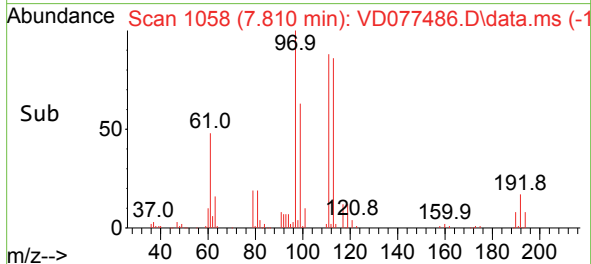
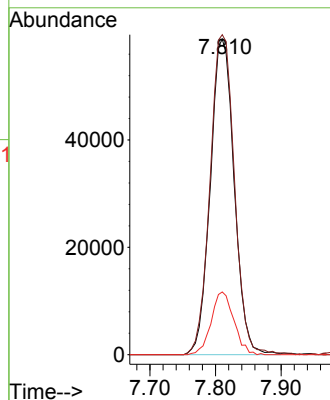
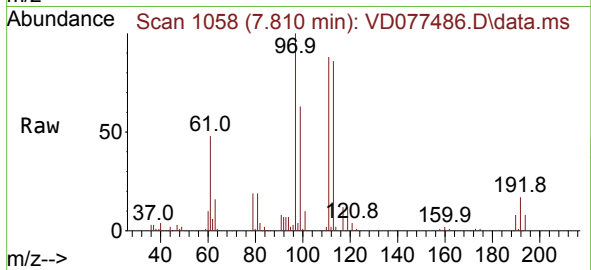
Tgt Ion:113 Resp: 148453

Ion Ratio Lower Upper

113 100

111 103.7 84.7 127.1

192 18.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 47.349 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

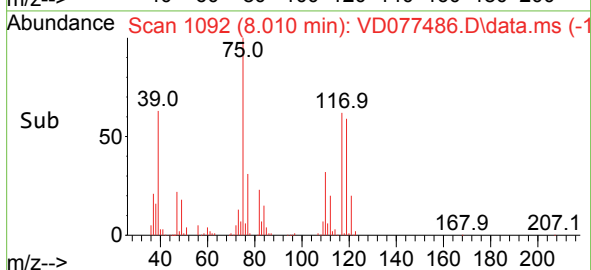
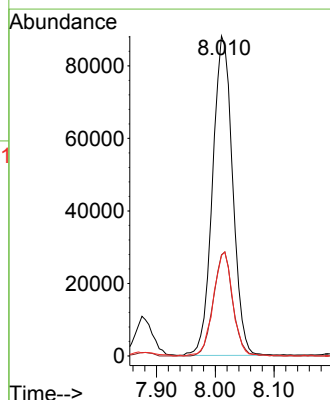
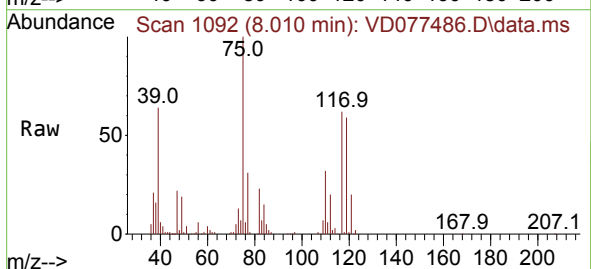
Tgt Ion: 75 Resp: 209183

Ion Ratio Lower Upper

75 100

110 31.5 19.9 59.6

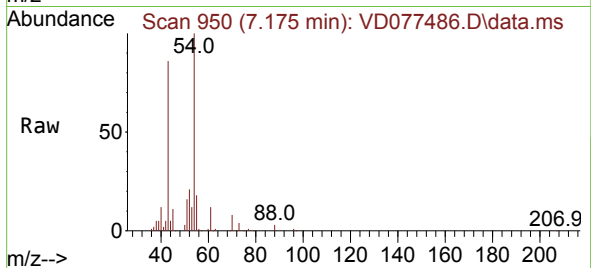
77 31.5 24.7 37.1



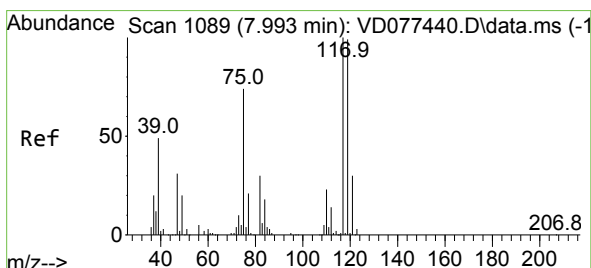
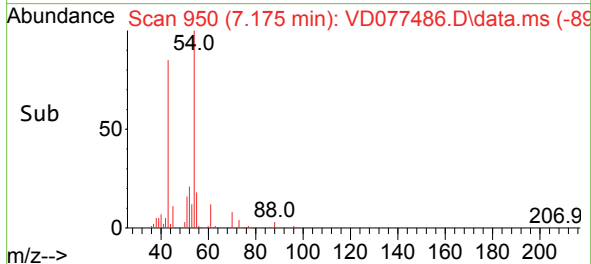
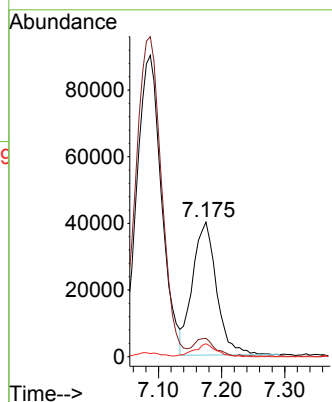


#37
Ethyl Acetate
Concen: 41.521 ug/l
RT: 7.175 min Scan# 949
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :

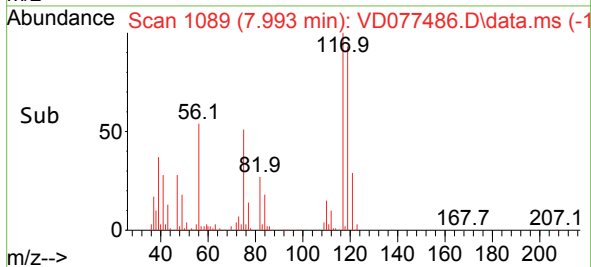
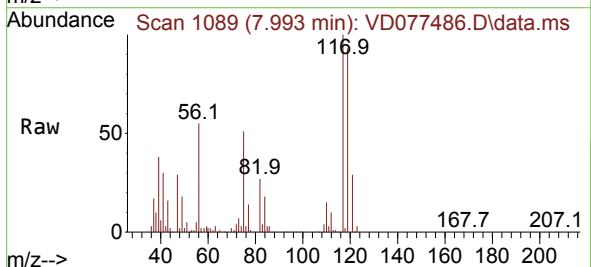
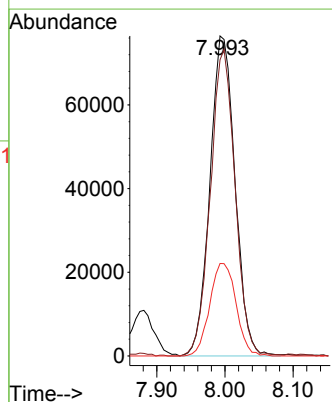


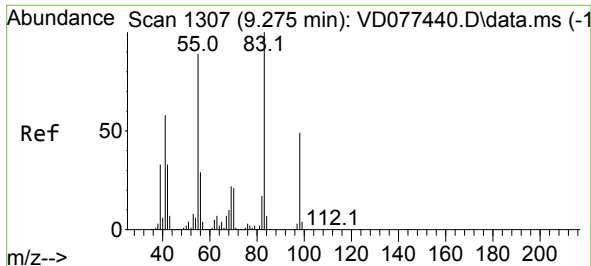
Tgt Ion: 43 Resp: 105272
Ion Ratio Lower Upper
43 100
61 11.5 14.9 22.3#
70 9.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 47.129 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion: 117 Resp: 196206
Ion Ratio Lower Upper
117 100
119 92.6 78.0 117.0
121 28.9 24.2 36.2





#39

Methylcyclohexane

Concen: 47.305 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

ClientSampleId :

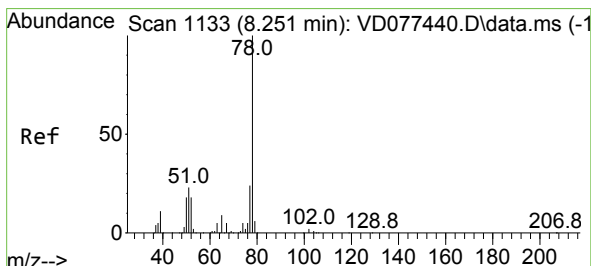
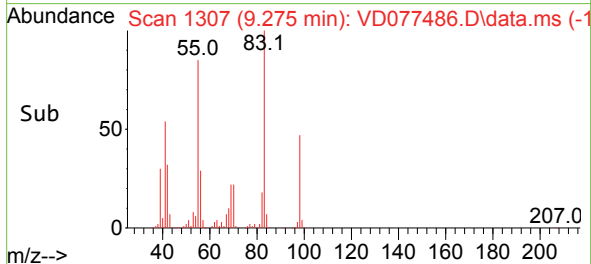
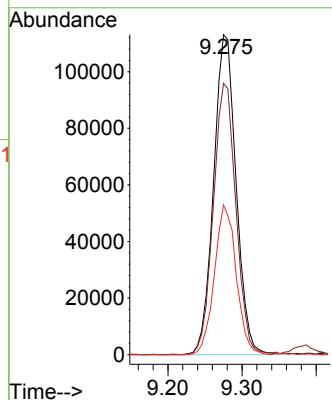
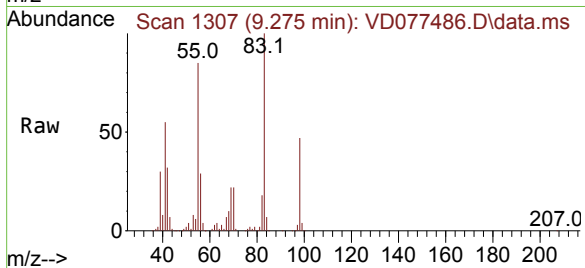
Tgt Ion: 83 Resp: 238454

Ion Ratio Lower Upper

83 100

55 84.8 49.4 74.0#

98 46.8 38.4 57.6



#40

Benzene

Concen: 47.863 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077486.D

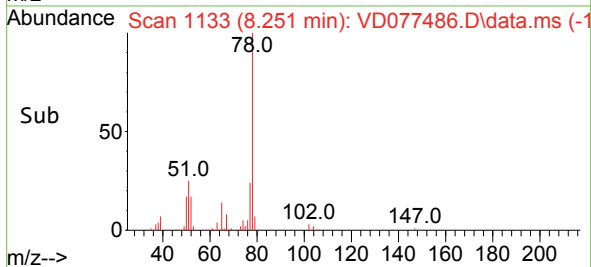
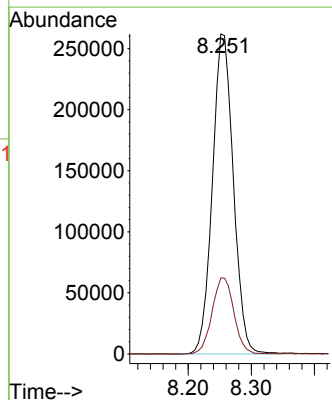
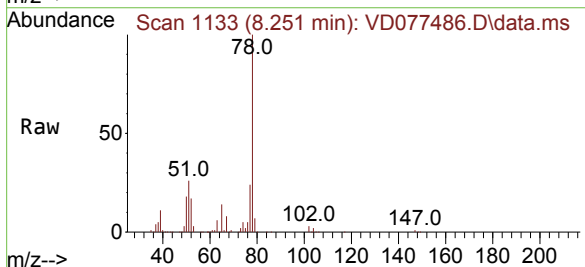
Acq: 02 Nov 2023 10:20

Tgt Ion: 78 Resp: 602972

Ion Ratio Lower Upper

78 100

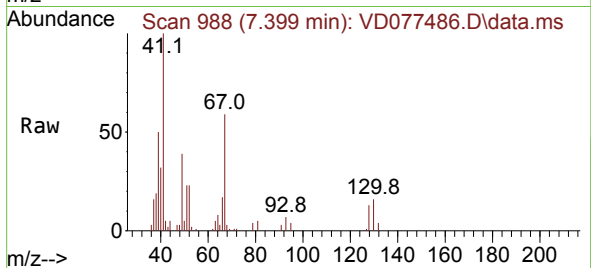
77 23.7 19.4 29.0



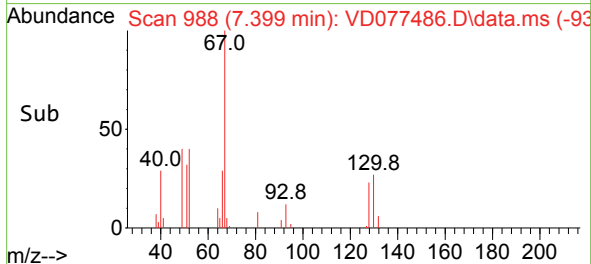
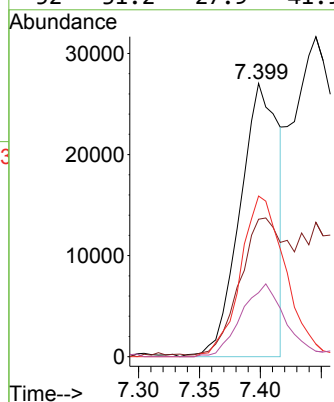


#41
Methacrylonitrile
Concen: 36.619 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :

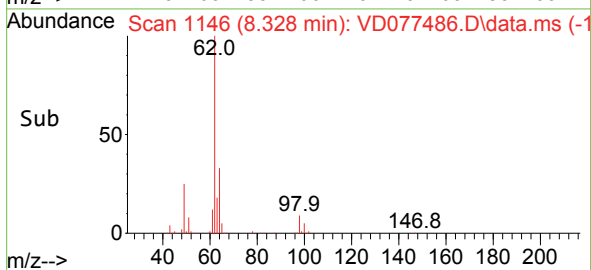
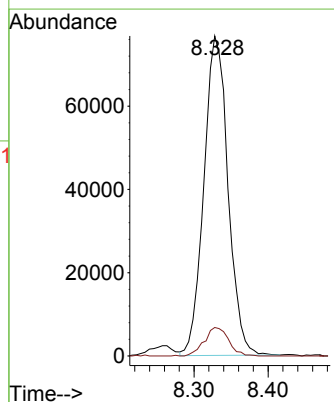
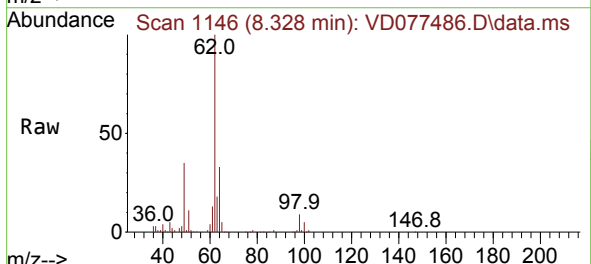


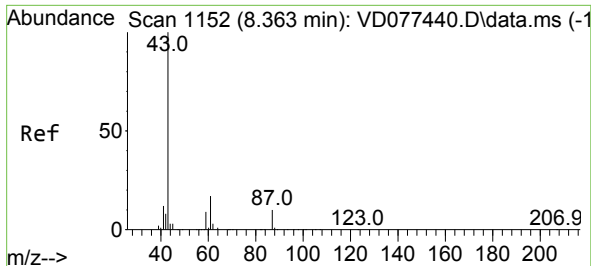
Tgt Ion:	41	Resp:	59407
Ion	Ratio	Lower	Upper
41	100		
39	63.7	34.0	51.0#
67	69.1	77.0	115.4#
52	31.2	27.9	41.9



#42
1,2-Dichloroethane
Concen: 43.531 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

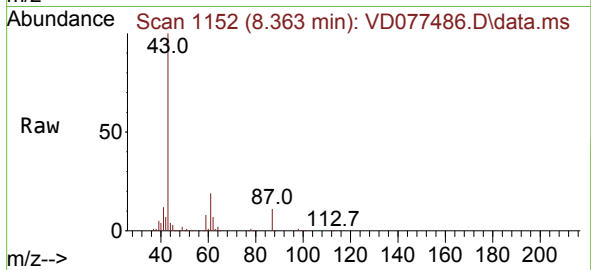
Tgt Ion:	62	Resp:	173693
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	25.4



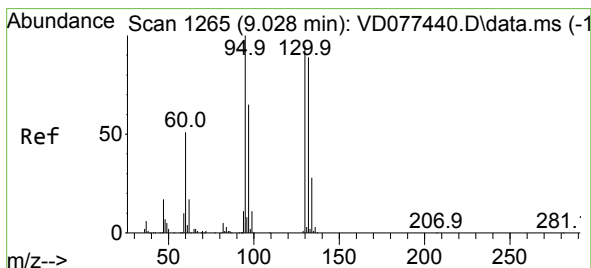
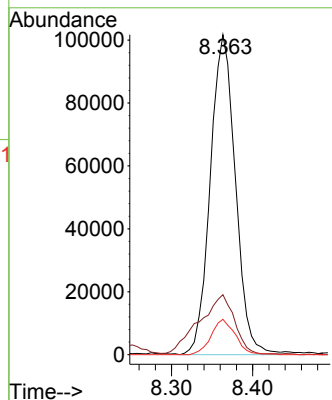
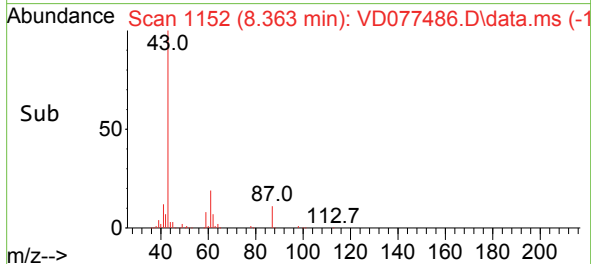


#43
Isopropyl Acetate
Concen: 41.829 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :

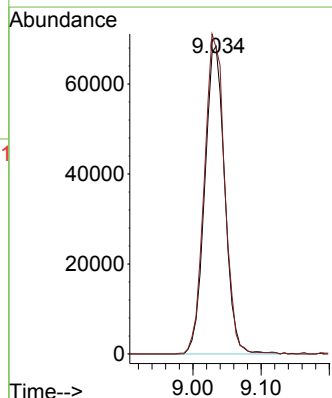
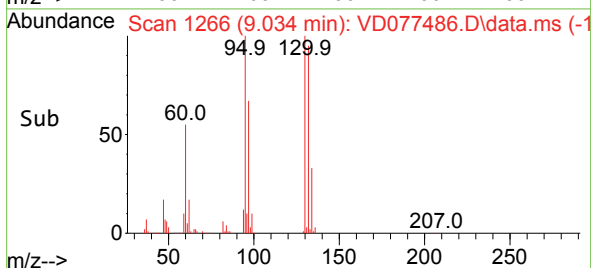
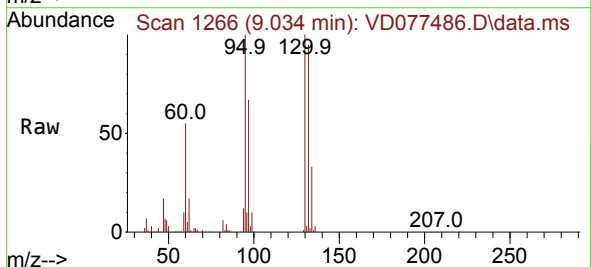


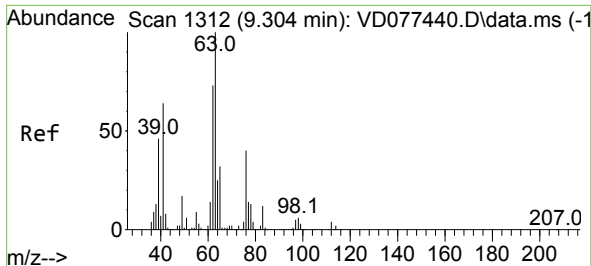
Tgt Ion: 43 Resp: 218854
Ion Ratio Lower Upper
43 100
61 26.1 31.4 47.0#
87 10.7 14.9 22.3#



#44
Trichloroethene
Concen: 45.362 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion:130 Resp: 139983
Ion Ratio Lower Upper
130 100
95 99.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 46.204 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

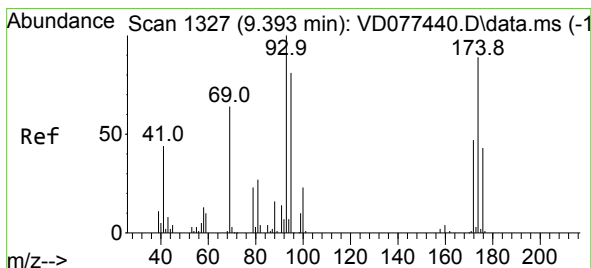
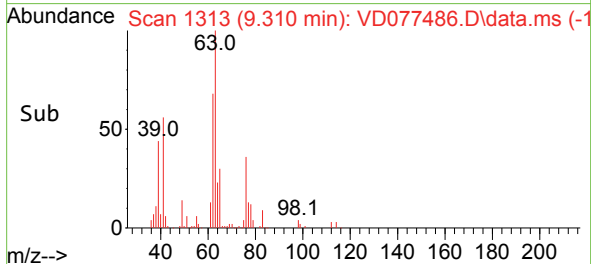
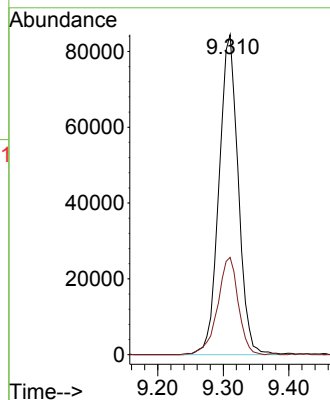
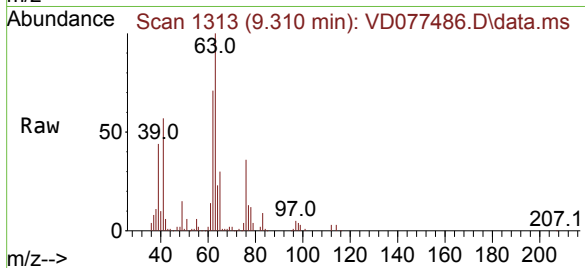
ClientSampleId :

Tgt Ion: 63 Resp: 171363

Ion Ratio Lower Upper

63 100

65 30.4 24.5 36.7



#46

Dibromomethane

Concen: 43.373 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

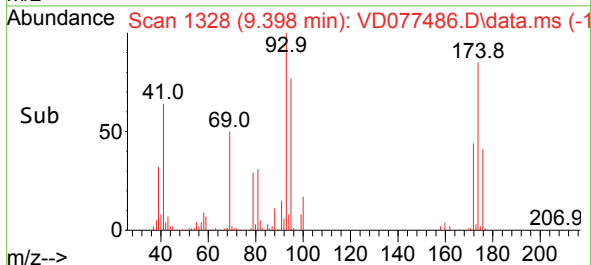
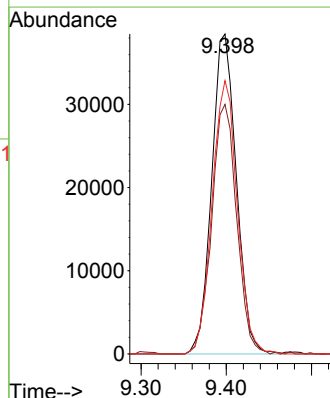
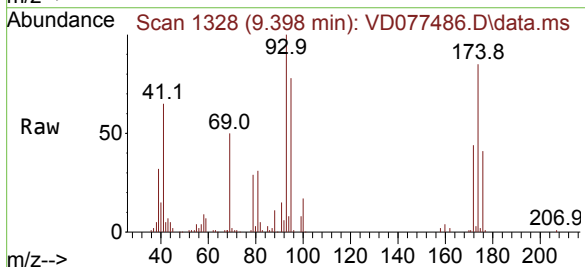
Tgt Ion: 93 Resp: 77414

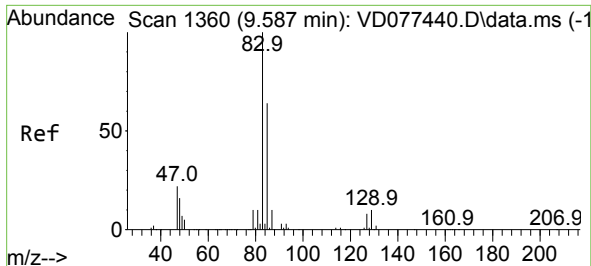
Ion Ratio Lower Upper

93 100

95 79.3 67.7 101.5

174 87.5 85.4 128.2

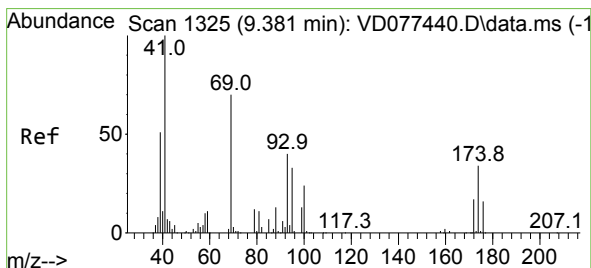
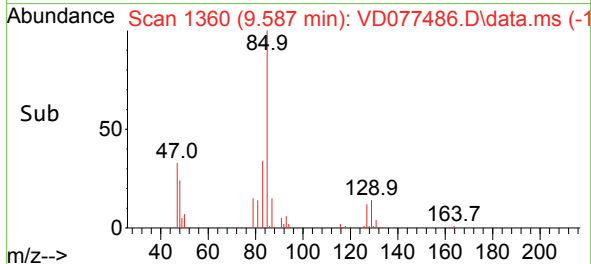
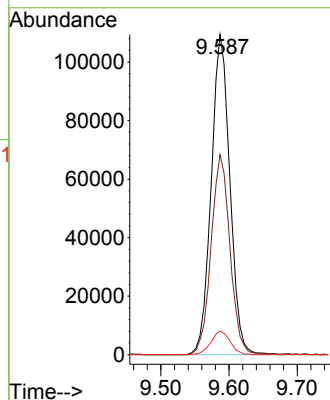
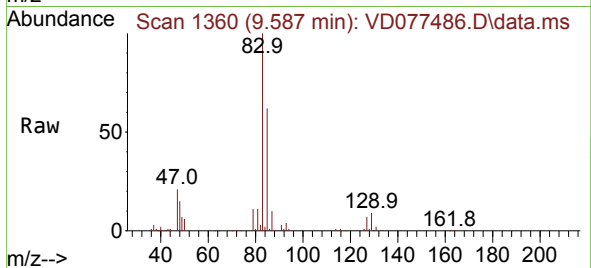




#47
Bromodichloromethane
Concen: 44.168 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

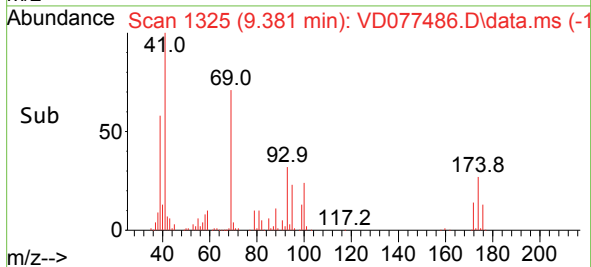
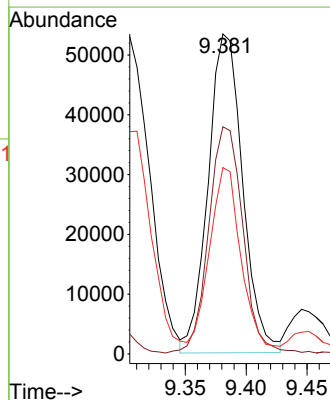
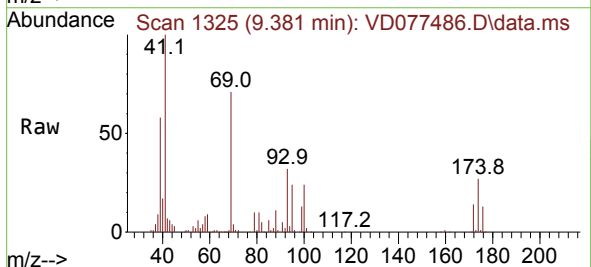
Instrument :
MSVOA_D
ClientSampleId :

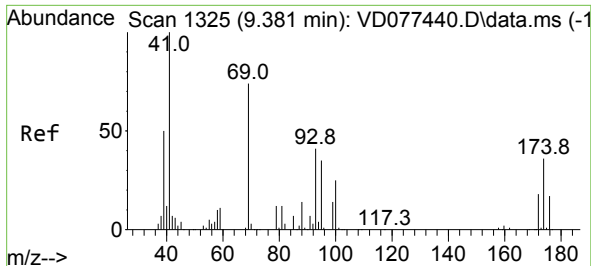
Tgt Ion: 83 Resp: 208369
Ion Ratio Lower Upper
83 100
85 62.5 50.2 75.4
127 7.4 6.3 9.5



#48
Methyl methacrylate
Concen: 42.171 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion: 41 Resp: 105322
Ion Ratio Lower Upper
41 100
69 71.2 102.2 153.2#
39 49.3 41.4 62.2





#49

1,4-Dioxane

Concen: 728.453 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

ClientSampleId :

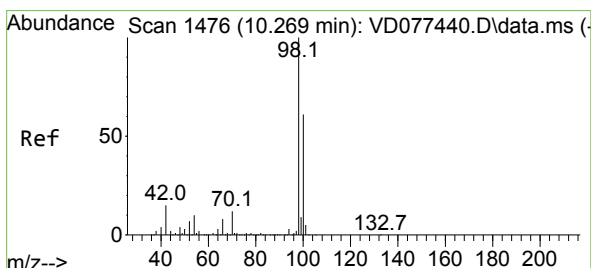
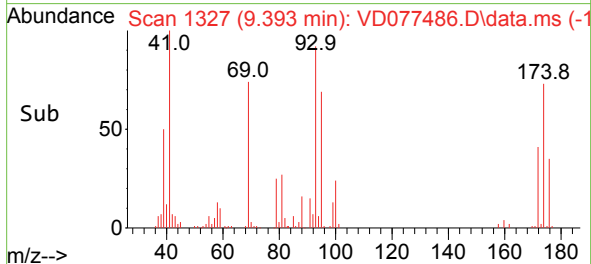
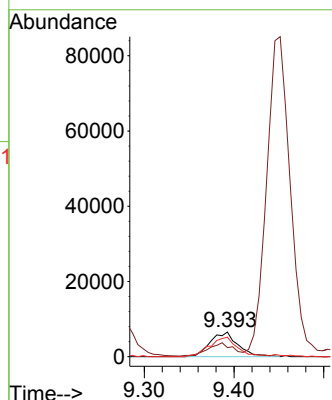
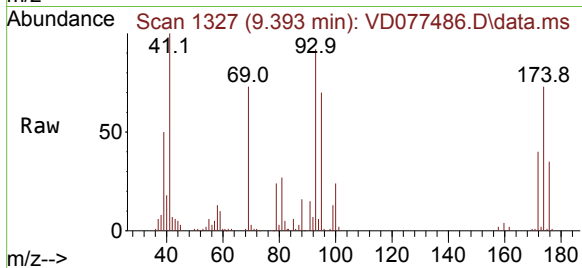
Tgt Ion: 88 Resp: 13971

Ion Ratio Lower Upper

88 100

43 47.9 19.0 28.6#

58 80.5 43.5 65.3#



#50

Toluene-d8

Concen: 52.536 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077486.D

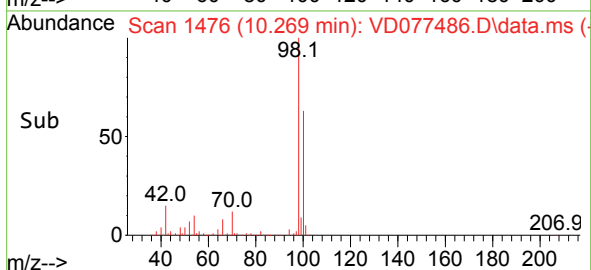
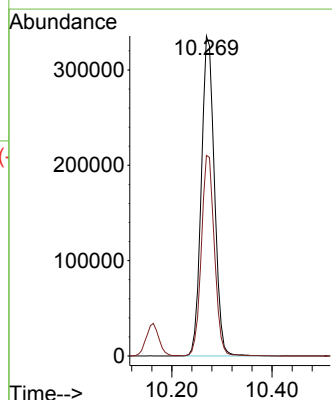
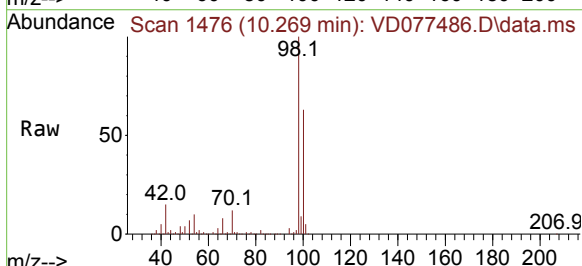
Acq: 02 Nov 2023 10:20

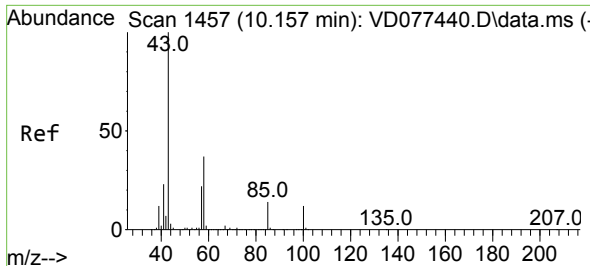
Tgt Ion: 98 Resp: 608052

Ion Ratio Lower Upper

98 100

100 62.8 50.3 75.5

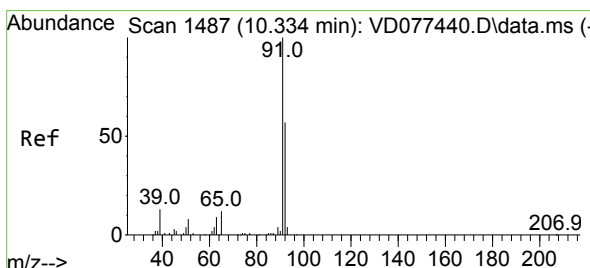
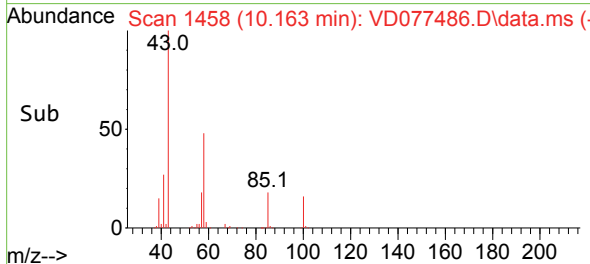
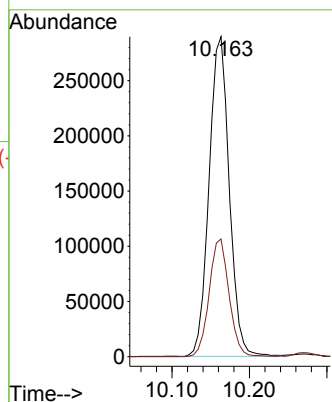
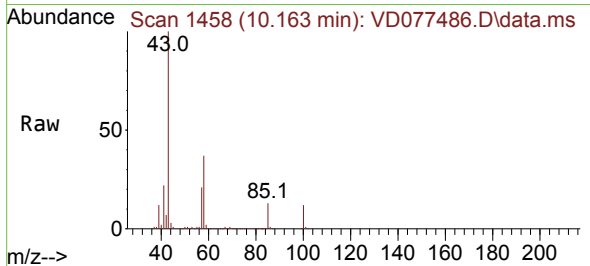




#51
4-Methyl-2-Pentanone
Concen: 203.865 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

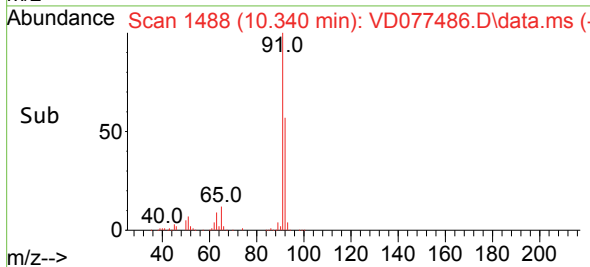
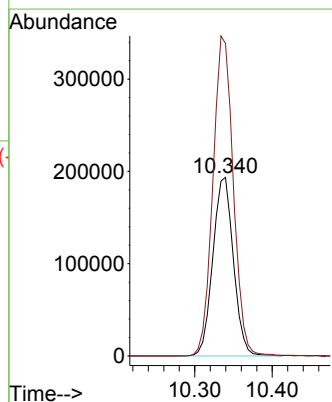
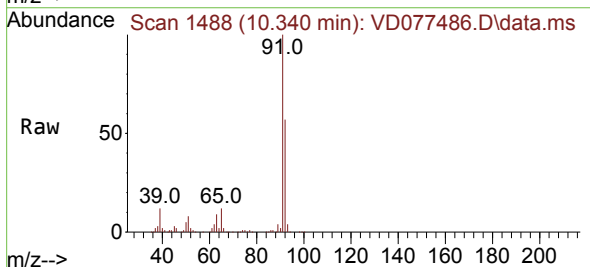
Instrument :
MSVOA_D
ClientSampleId :

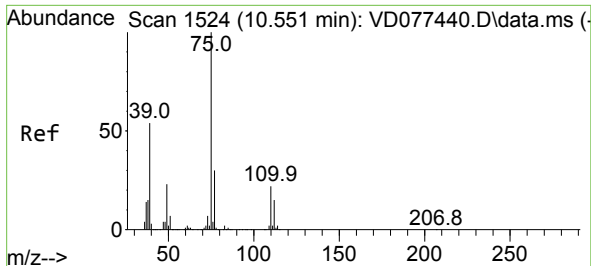
Tgt Ion: 43 Resp: 525018
Ion Ratio Lower Upper
43 100
58 36.3 38.9 58.3#



#52
Toluene
Concen: 46.404 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion: 92 Resp: 356375
Ion Ratio Lower Upper
92 100
91 178.5 143.0 214.4

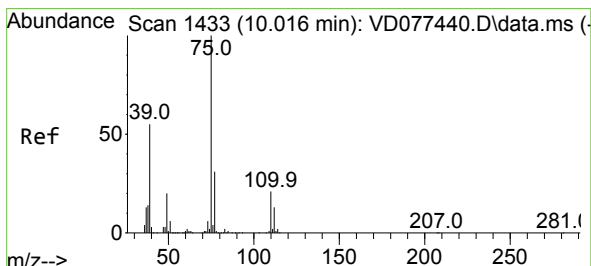
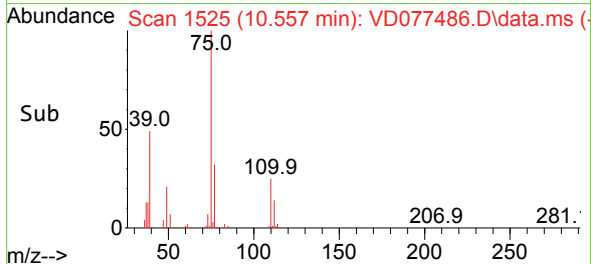
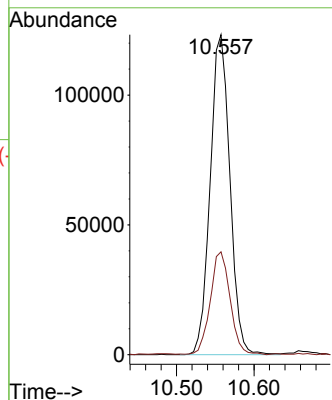
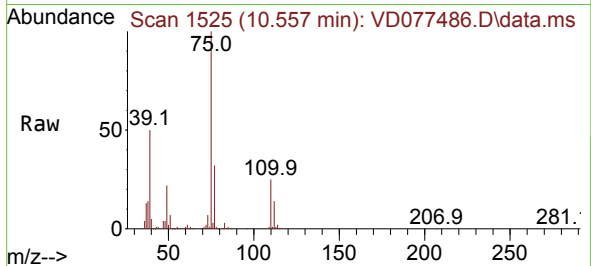




#53
 t-1,3-Dichloropropene
 Concen: 43.631 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077486.D
 Acq: 02 Nov 2023 10:20

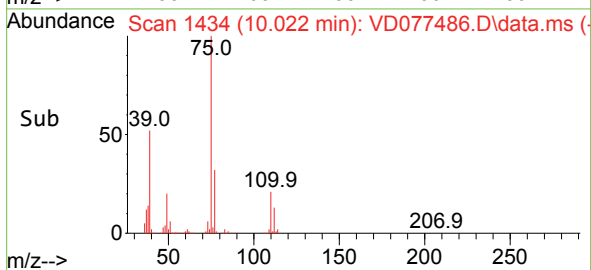
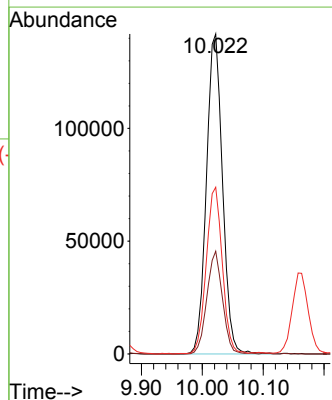
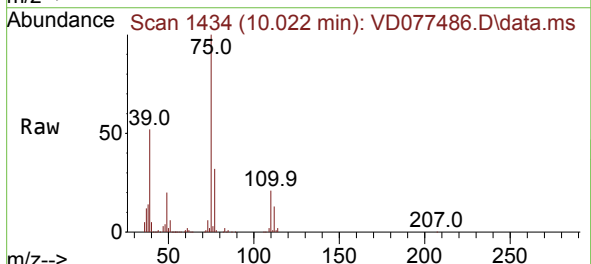
Instrument :
 MSVOA_D
 ClientSampleId :

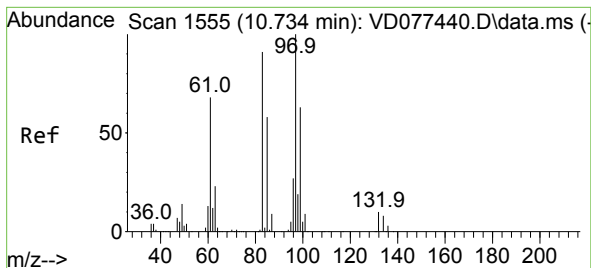
Tgt Ion: 75 Resp: 217960
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 45.358 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD077486.D
 Acq: 02 Nov 2023 10:20

Tgt Ion: 75 Resp: 260745
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3
 39 52.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 43.425 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

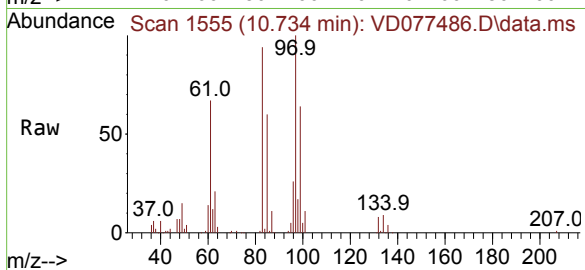
Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 103409

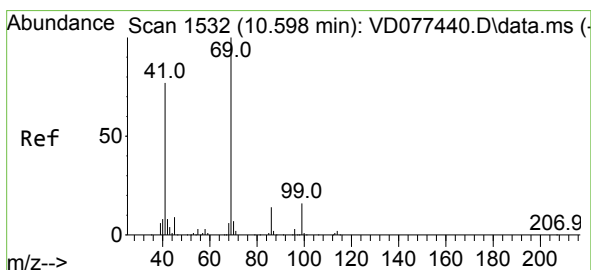
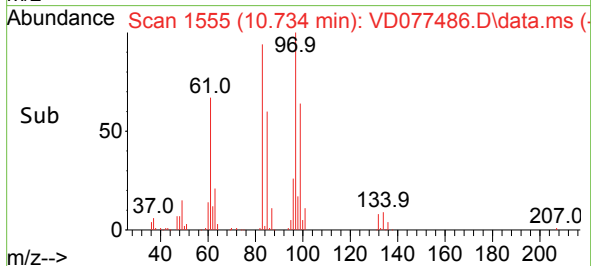
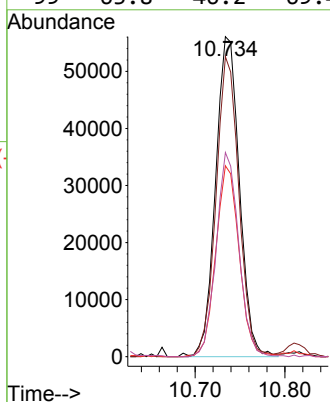
Ion Ratio Lower Upper

97 100

83 93.7 65.8 98.6

85 59.6 45.7 68.5

99 63.8 46.2 69.4



#56

Ethyl methacrylate

Concen: 41.818 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

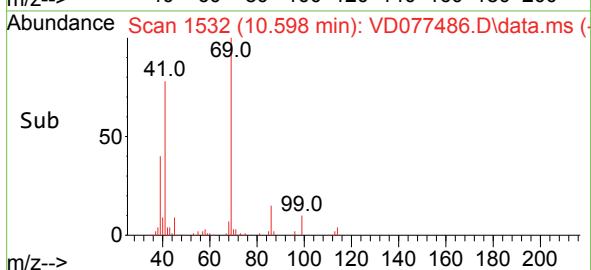
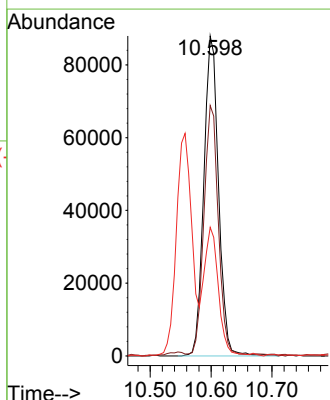
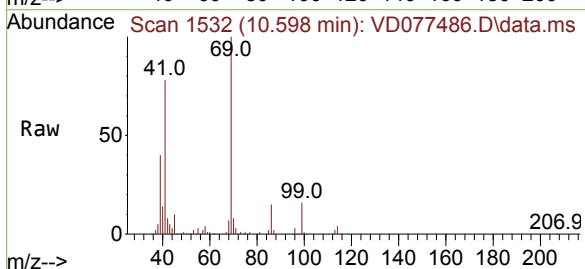
Tgt Ion: 69 Resp: 148059

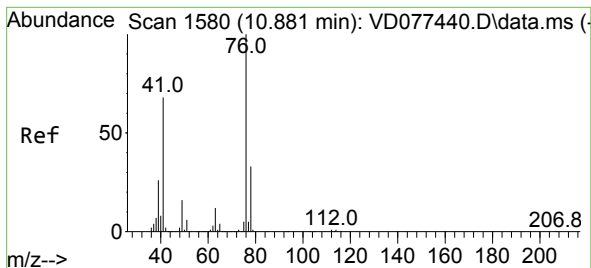
Ion Ratio Lower Upper

69 100

41 75.8 39.1 58.7#

39 37.8 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 44.045 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

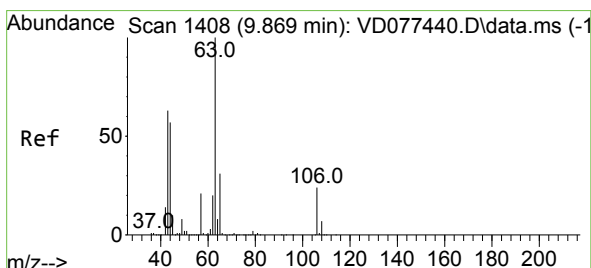
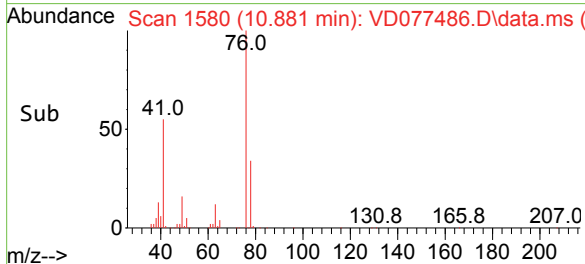
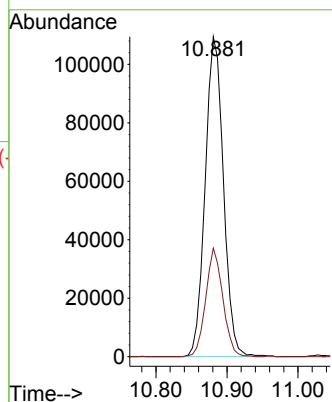
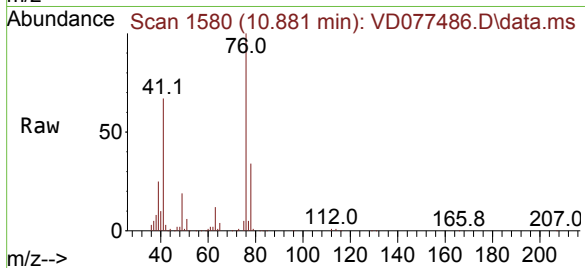
ClientSampleId :

Tgt Ion: 76 Resp: 196046

Ion Ratio Lower Upper

76 100

78 31.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 240.369 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077486.D

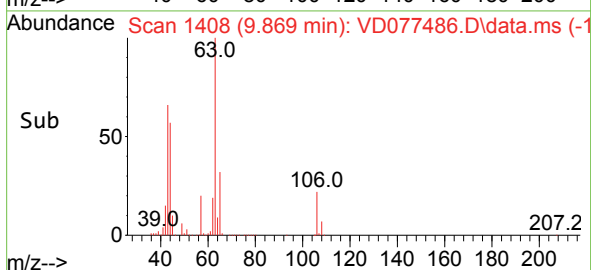
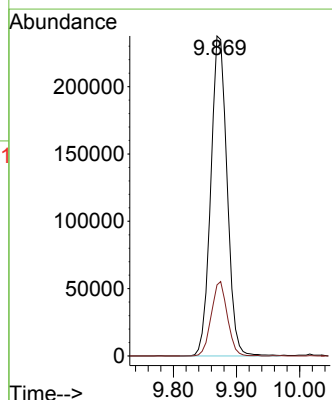
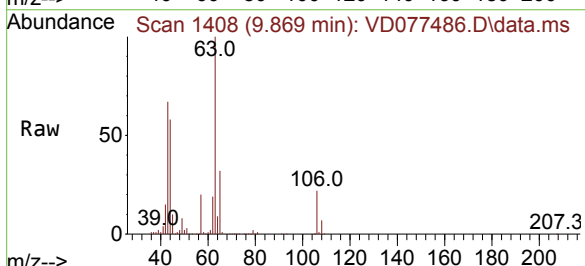
Acq: 02 Nov 2023 10:20

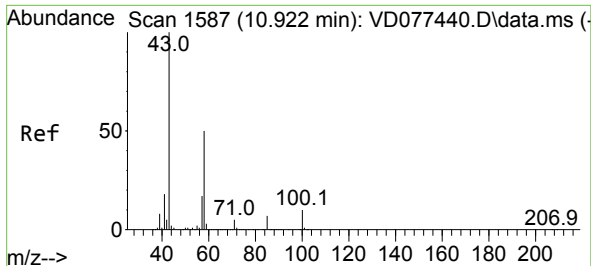
Tgt Ion: 63 Resp: 426062

Ion Ratio Lower Upper

63 100

106 22.9 25.3 37.9#

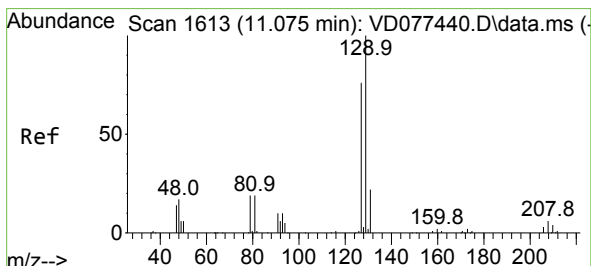
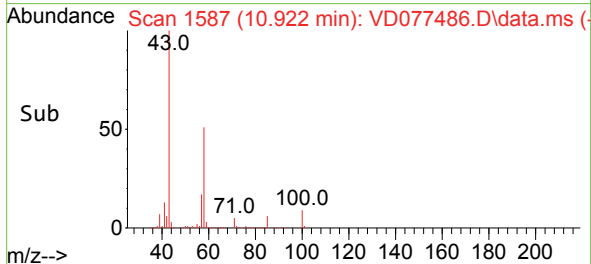
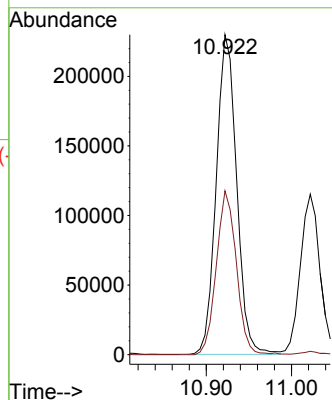
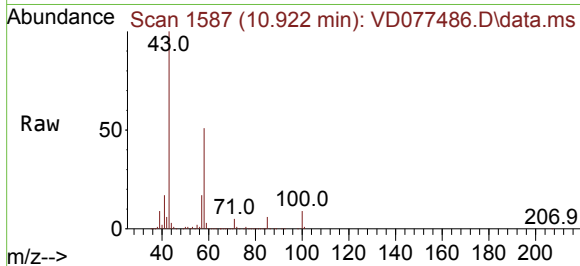




#59
2-Hexanone
Concen: 201.768 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

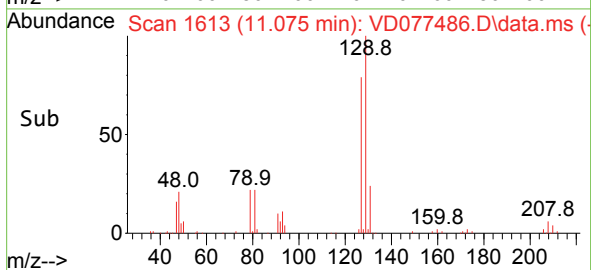
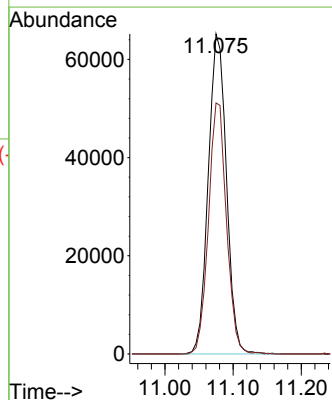
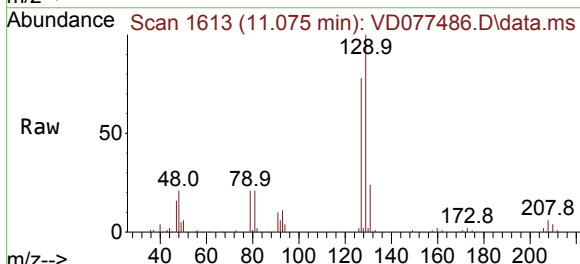
Instrument :
MSVOA_D
ClientSampleId :

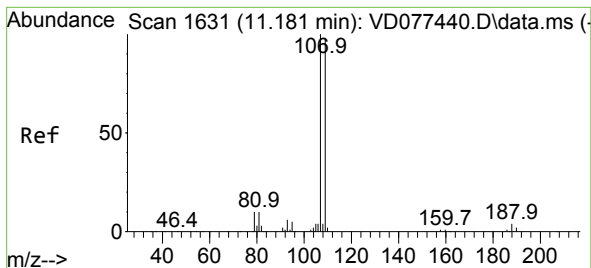
Tgt Ion: 43 Resp: 382785
Ion Ratio Lower Upper
43 100
58 50.4 34.1 102.2



#60
Dibromochloromethane
Concen: 42.165 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion:129 Resp: 120736
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5

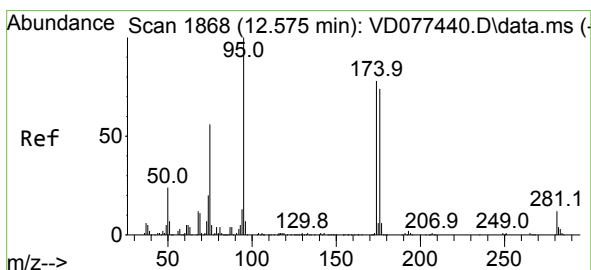
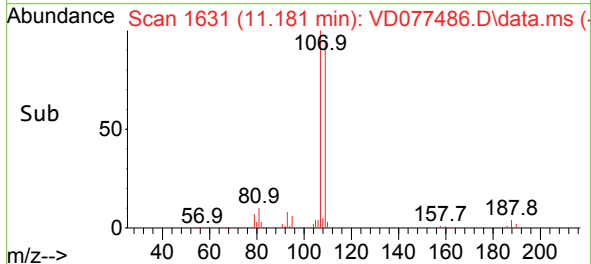
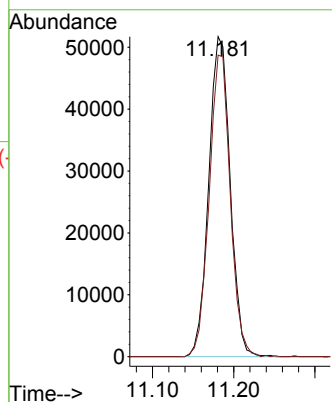
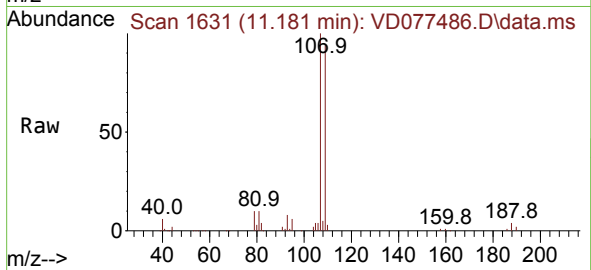




#61
1,2-Dibromoethane
Concen: 42.022 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

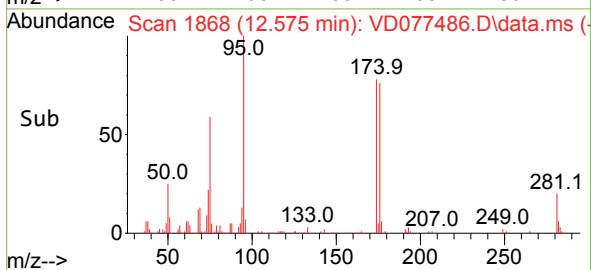
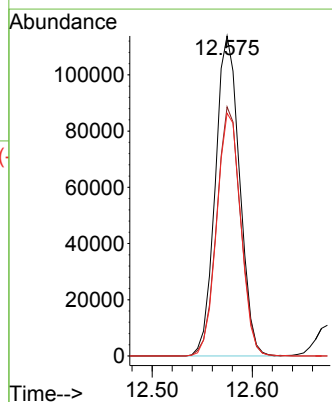
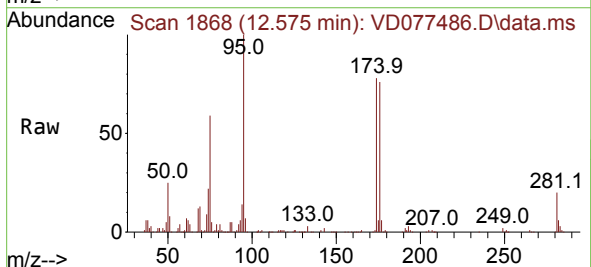
Instrument :
MSVOA_D
ClientSampleId :

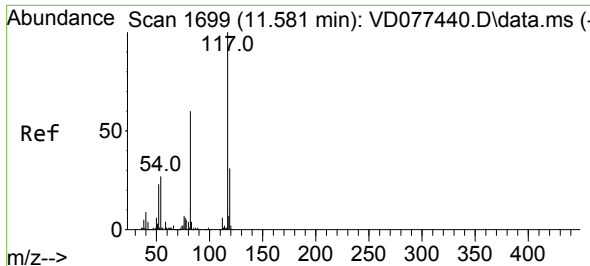
Tgt Ion:107 Resp: 94764
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.983 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

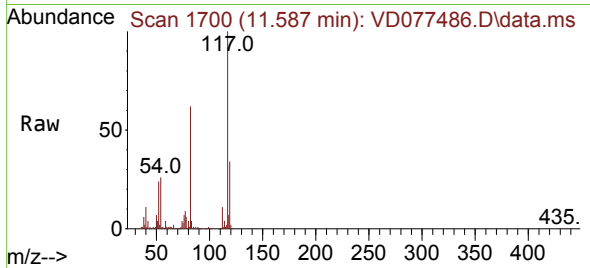
Tgt Ion: 95 Resp: 190945
Ion Ratio Lower Upper
95 100
174 76.6 0.0 201.8
176 75.2 0.0 191.8



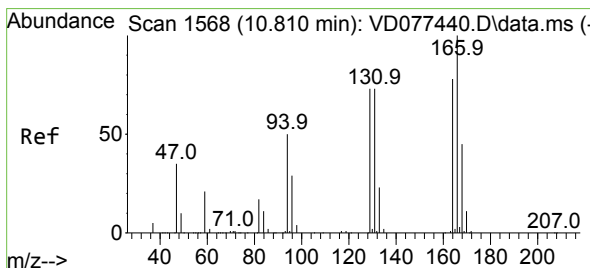
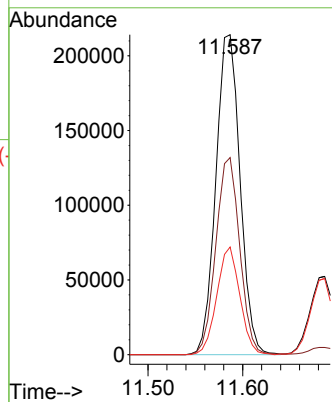
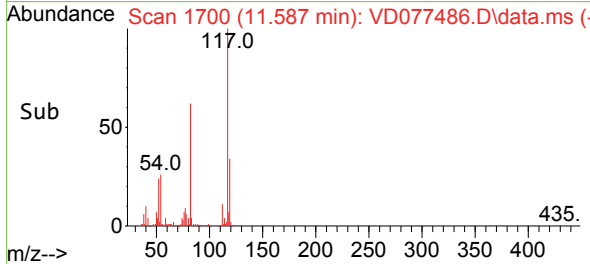


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :

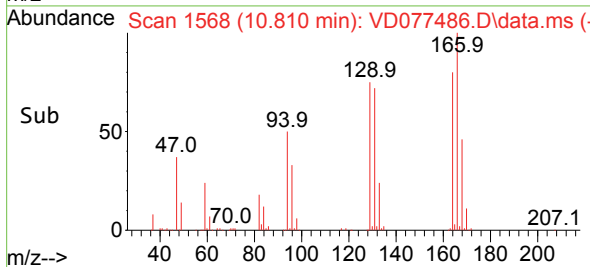
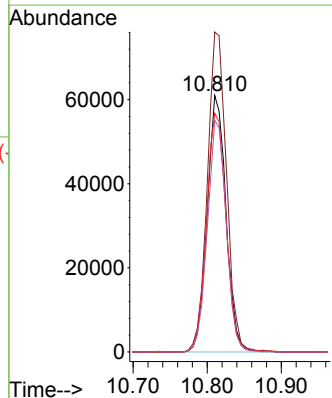
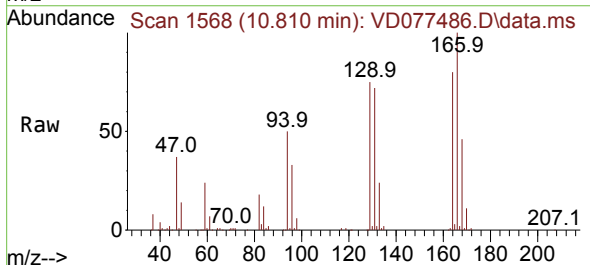


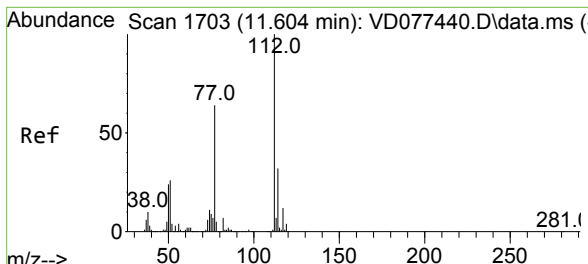
Tgt Ion:117 Resp: 381003
Ion Ratio Lower Upper
117 100
82 61.6 38.3 57.5#
119 33.6 25.0 37.4



#64
Tetrachloroethene
Concen: 44.545 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion:164 Resp: 108054
Ion Ratio Lower Upper
164 100
166 124.8 99.2 148.8
129 93.1 68.4 102.6
131 90.3 63.8 95.8

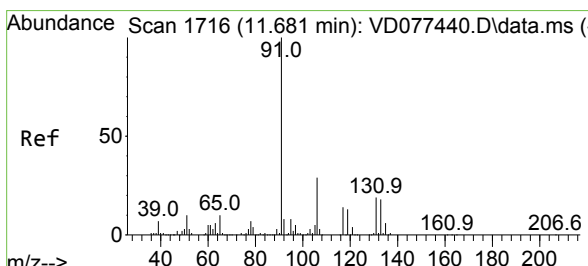
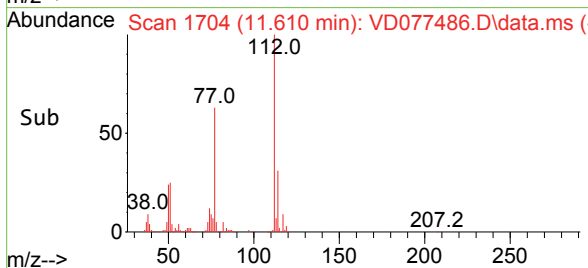
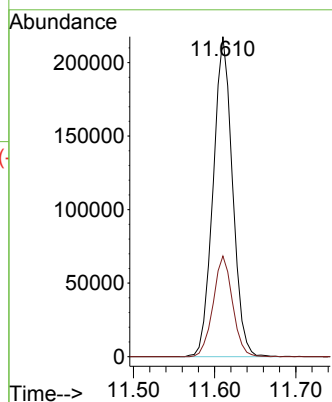
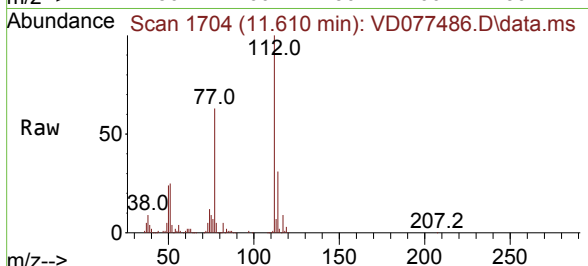




#65
Chlorobenzene
Concen: 45.202 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

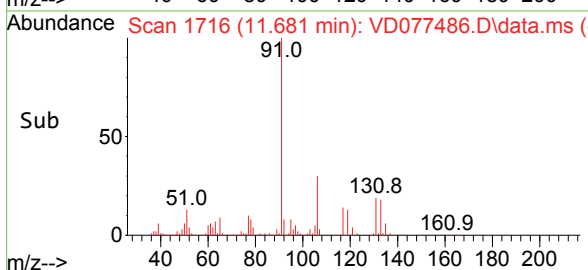
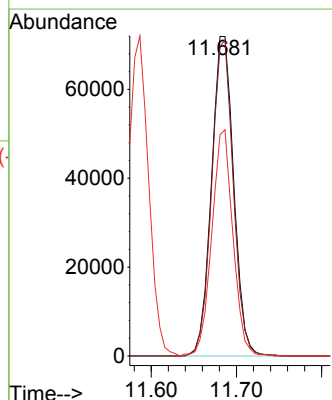
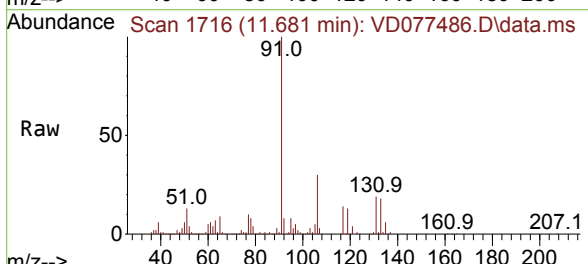
Instrument :
MSVOA_D
ClientSampleId :

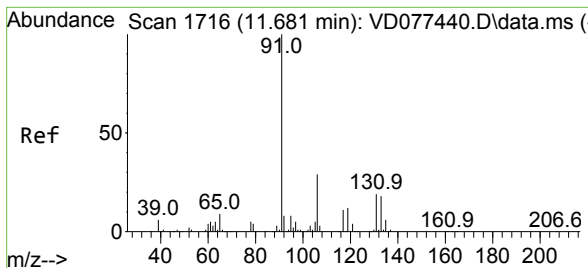
Tgt Ion:112 Resp: 360802
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 43.190 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion:131 Resp: 130275
Ion Ratio Lower Upper
131 100
133 95.9 48.5 145.5
119 67.6 35.6 106.9





#67

Ethyl Benzene

Concen: 46.459 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

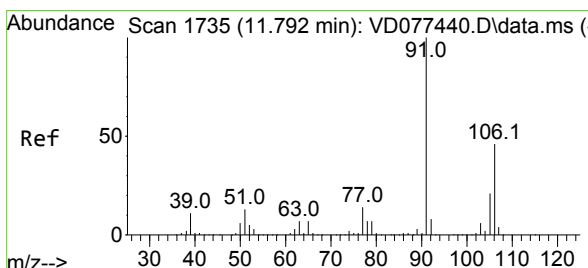
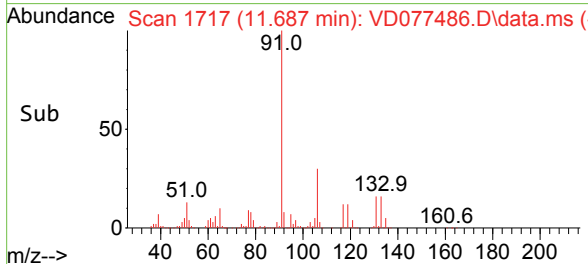
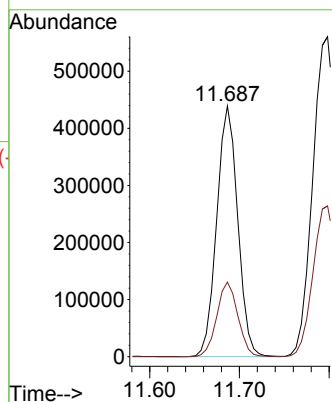
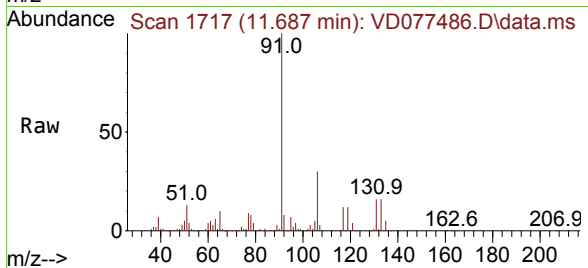
ClientSampleId :

Tgt Ion: 91 Resp: 713530

Ion Ratio Lower Upper

91 100

106 29.7 26.5 39.7



#68

m/p-Xylenes

Concen: 92.071 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD077486.D

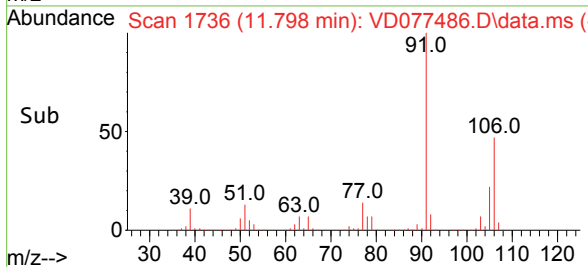
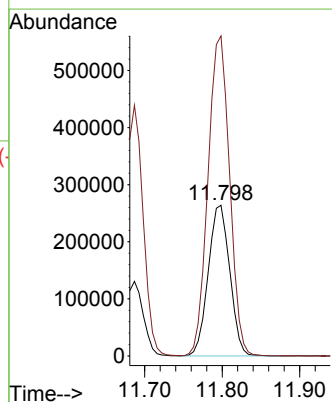
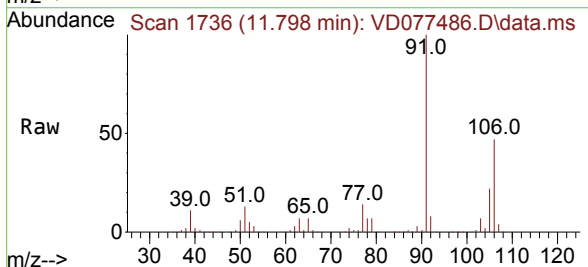
Acq: 02 Nov 2023 10:20

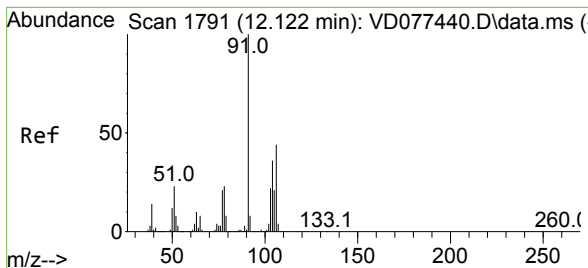
Tgt Ion:106 Resp: 510622

Ion Ratio Lower Upper

106 100

91 212.5 147.0 220.6

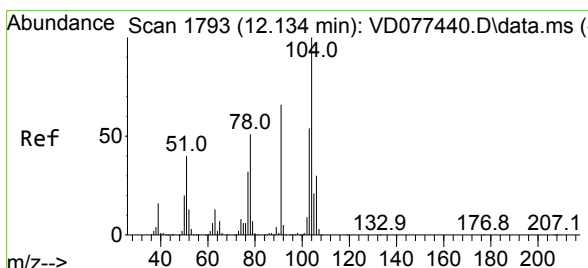
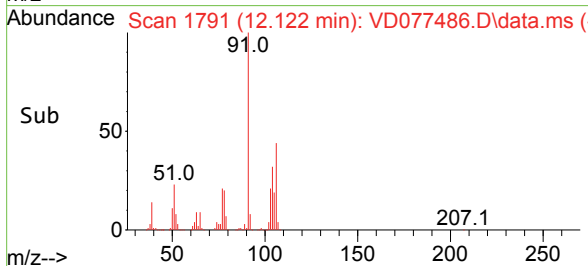
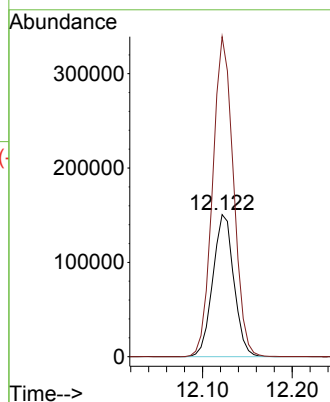
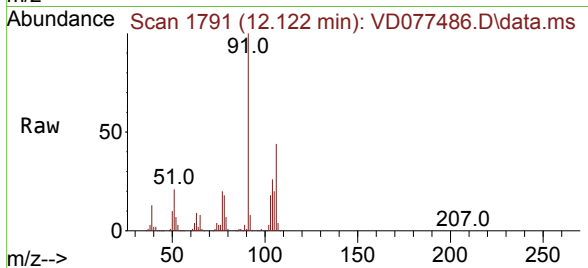




#69
o-Xylene
Concen: 46.260 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

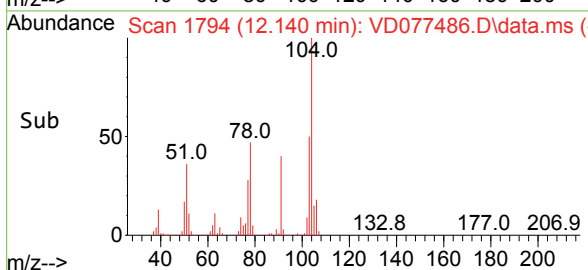
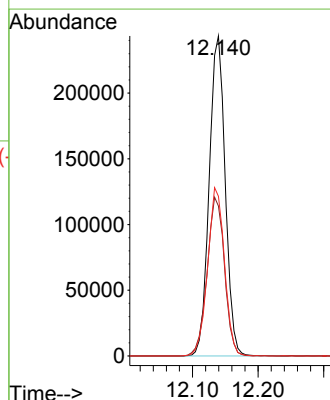
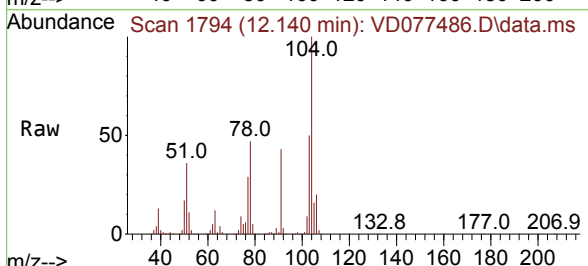
Instrument :
MSVOA_D
ClientSampleId :

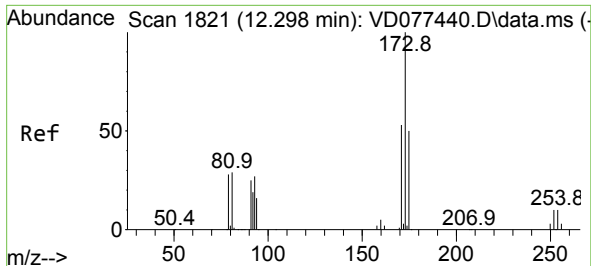
Tgt Ion:106 Resp: 245742
Ion Ratio Lower Upper
106 100
91 223.0 97.9 293.6



#70
Styrene
Concen: 45.131 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

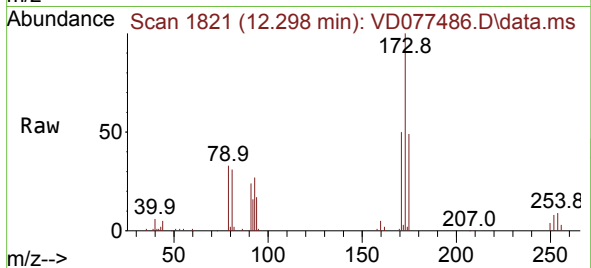
Tgt Ion:104 Resp: 413593
Ion Ratio Lower Upper
104 100
78 53.8 33.2 49.8#
103 55.4 43.6 65.4



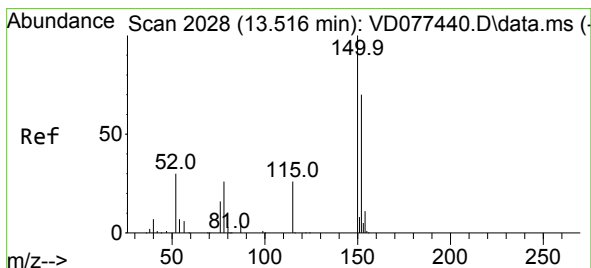
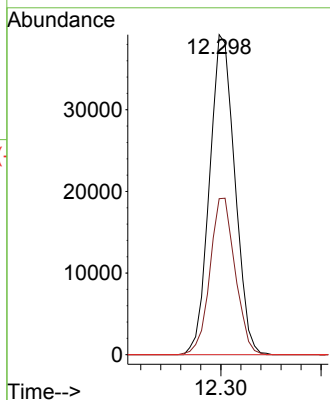
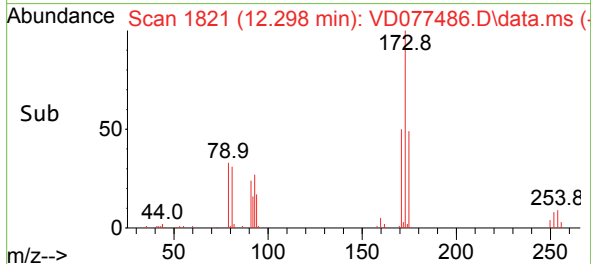


#71
Bromoform
Concen: 41.063 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :

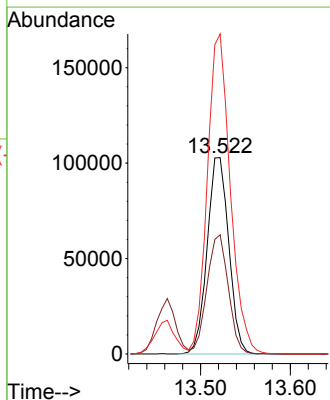
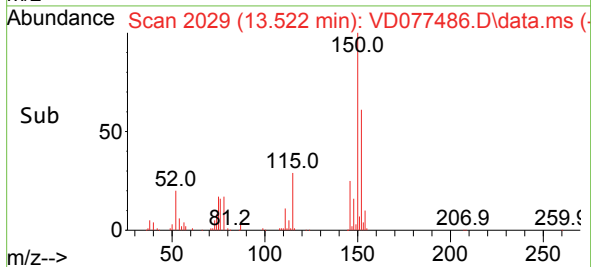
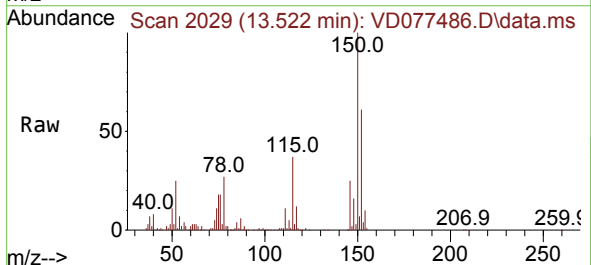


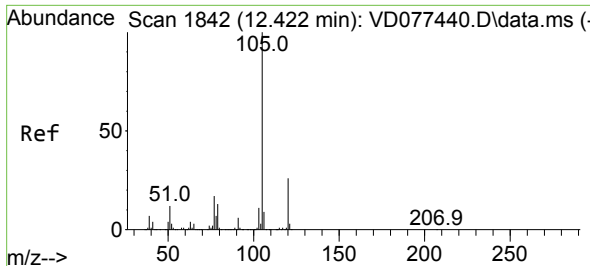
Tgt Ion:173 Resp: 68668
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

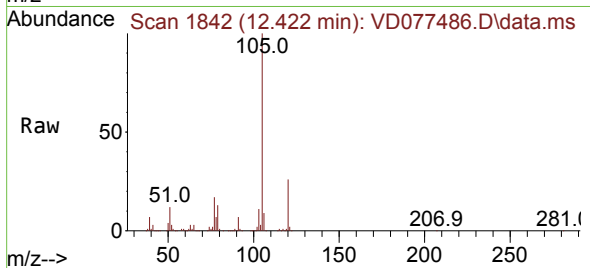
Tgt Ion:152 Resp: 172329
Ion Ratio Lower Upper
152 100
115 60.0 27.1 81.3
150 172.7 0.0 353.6



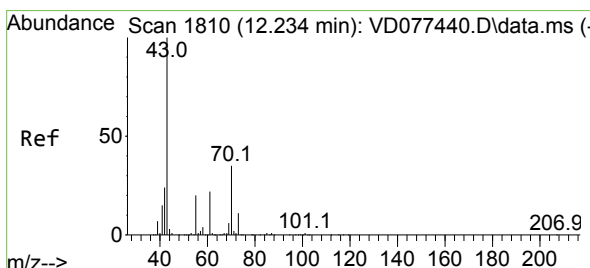
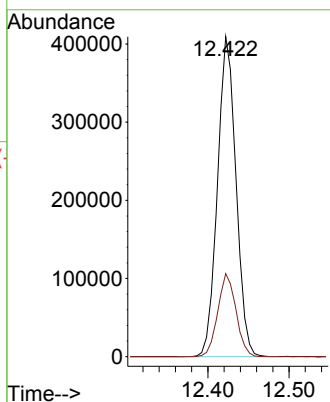
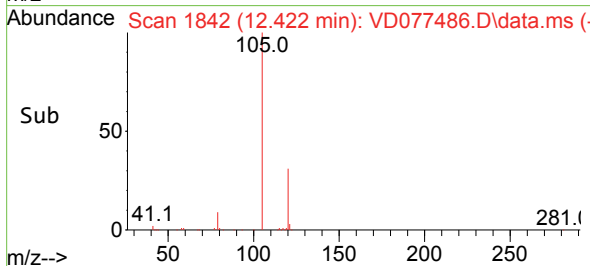


#73
Isopropylbenzene
Concen: 46.250 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

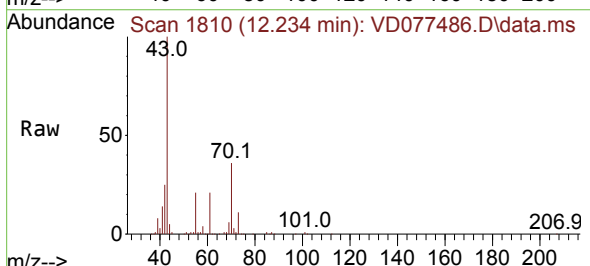
Instrument :
MSVOA_D
ClientSampleId :



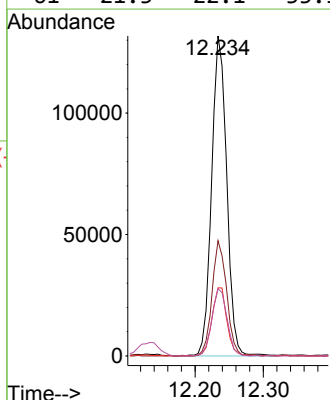
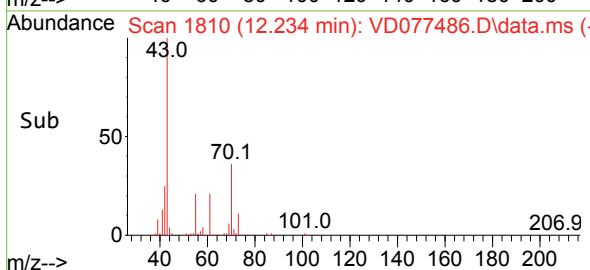
Tgt Ion:105 Resp: 649822
Ion Ratio Lower Upper
105 100
120 25.5 14.3 42.9

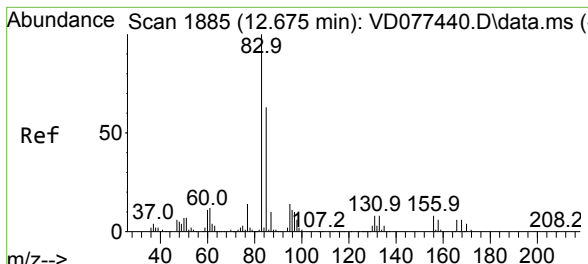


#74
N-ethyl acetate
Concen: 40.856 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20



Tgt Ion: 43 Resp: 203324
Ion Ratio Lower Upper
43 100
70 34.9 45.0 67.4#
55 21.4 23.8 35.6#
61 21.3 22.1 33.1#

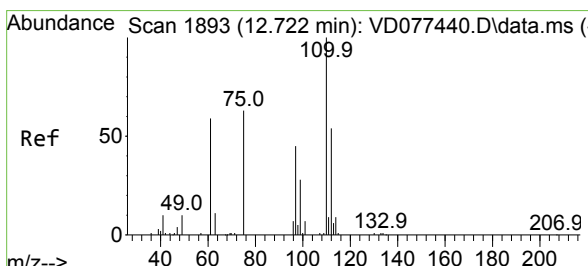
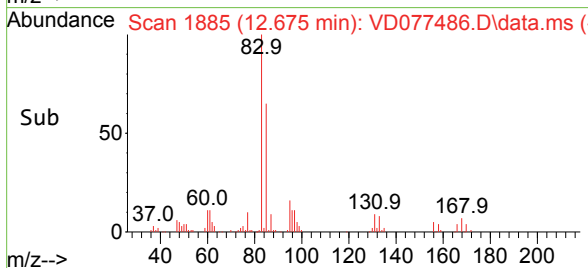
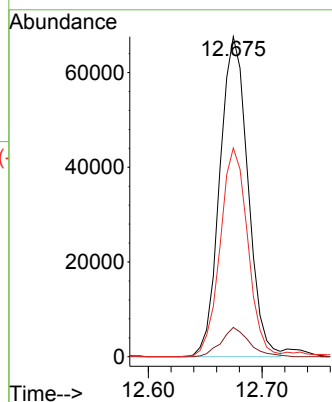
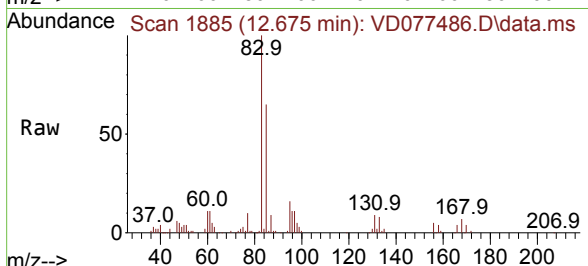




#75
 1,1,2,2-Tetrachloroethane
 Concen: 42.145 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077486.D
 Acq: 02 Nov 2023 10:20

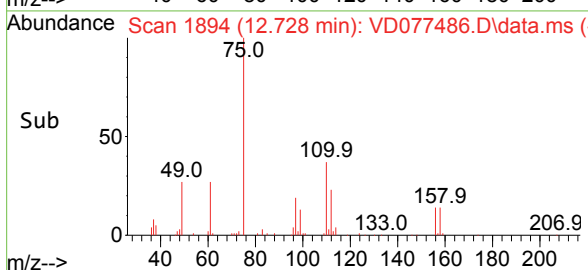
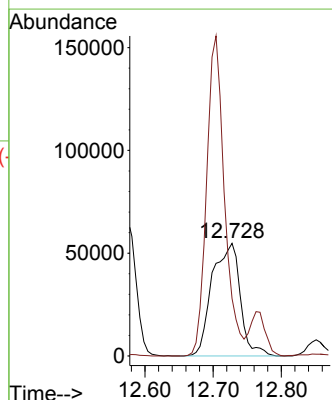
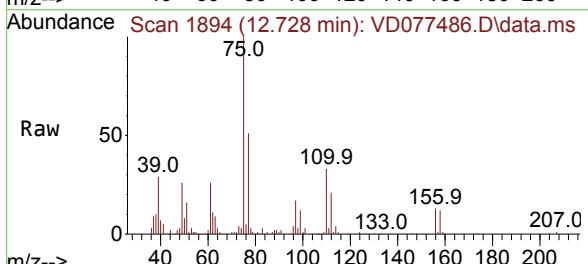
Instrument :
 MSVOA_D
 ClientSampleId :

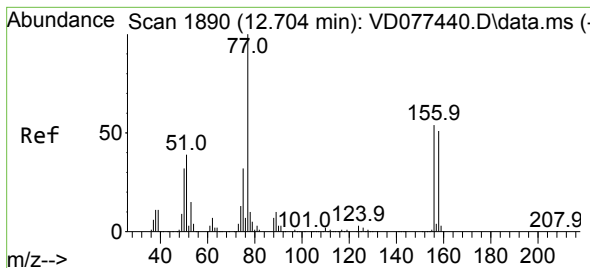
Tgt Ion: 83 Resp: 116073
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.1 15.3
 85 64.2 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 75.070 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD077486.D
 Acq: 02 Nov 2023 10:20

Tgt Ion: 75 Resp: 157452
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.276 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

ClientSampleId :

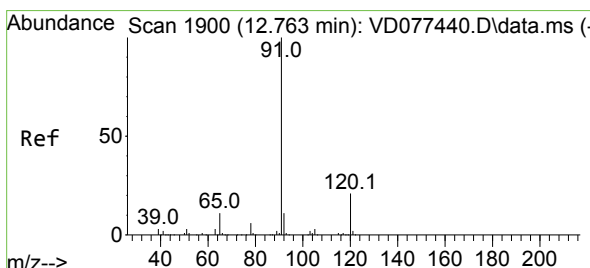
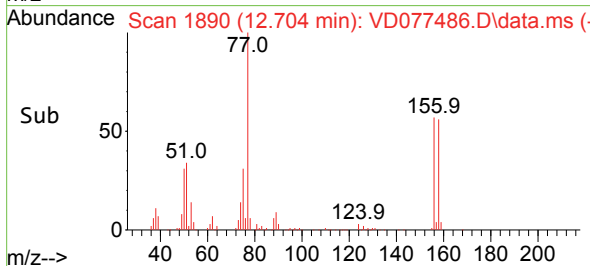
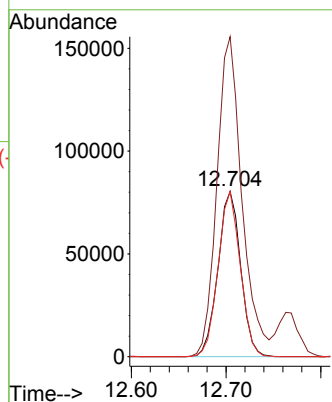
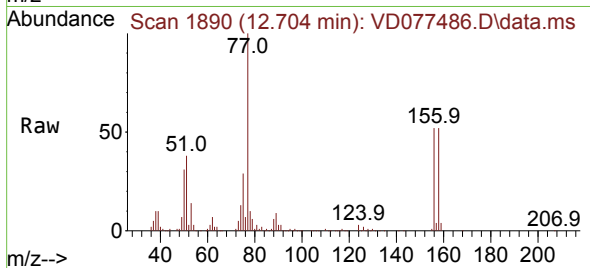
Tgt Ion:156 Resp: 133835

Ion Ratio Lower Upper

156 100

77 213.6 76.8 230.4

158 97.6 48.6 145.9



#78

n-propylbenzene

Concen: 46.041 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077486.D

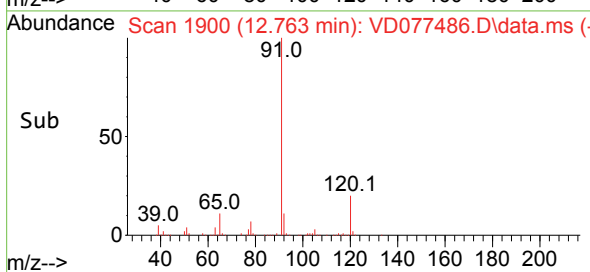
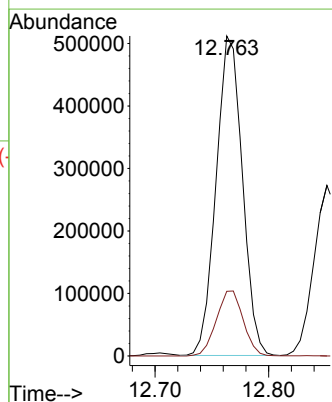
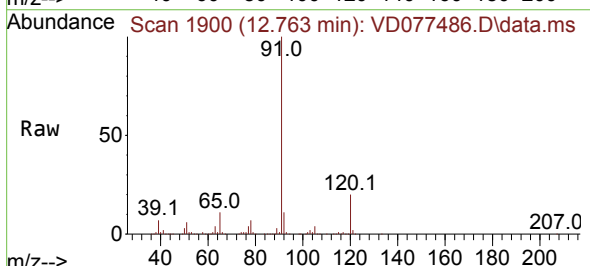
Acq: 02 Nov 2023 10:20

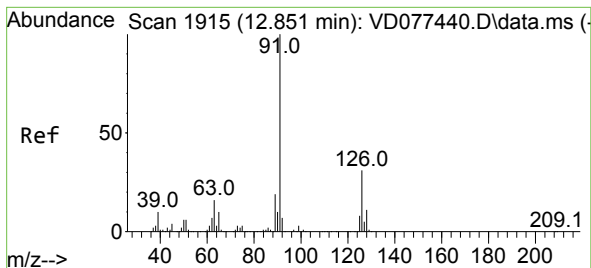
Tgt Ion: 91 Resp: 821374

Ion Ratio Lower Upper

91 100

120 20.8 12.4 37.2





#79

2-Chlorotoluene

Concen: 44.691 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

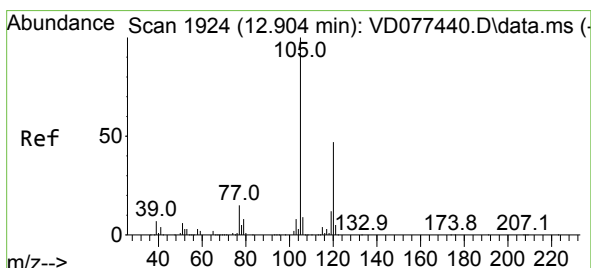
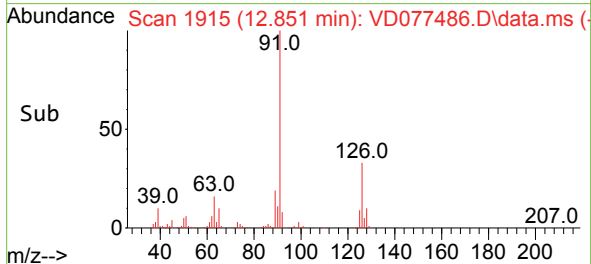
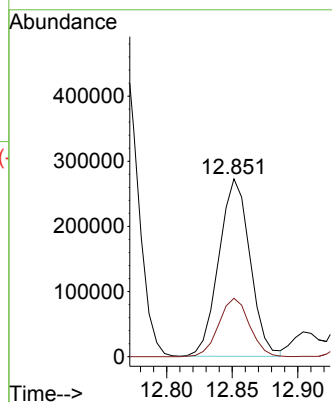
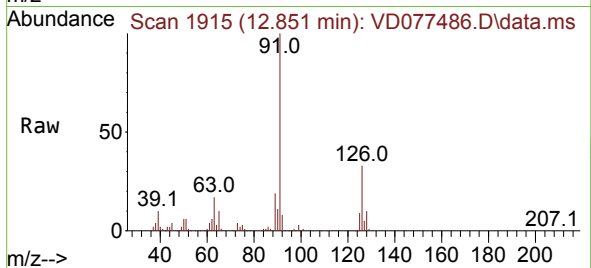
ClientSampleId :

Tgt Ion: 91 Resp: 451430

Ion Ratio Lower Upper

91 100

126 32.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 45.681 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077486.D

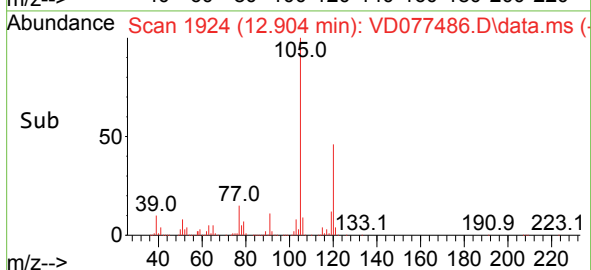
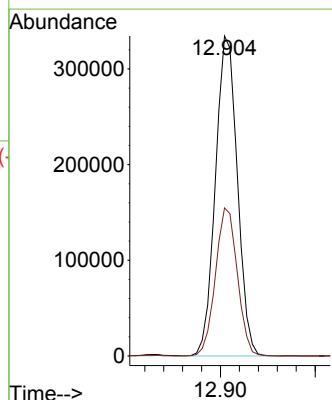
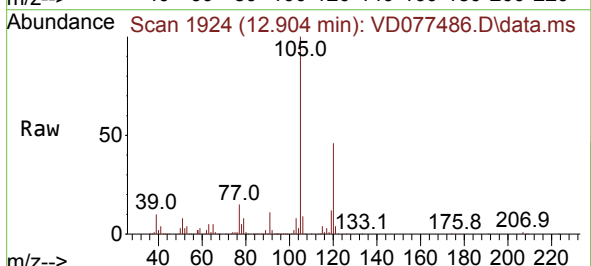
Acq: 02 Nov 2023 10:20

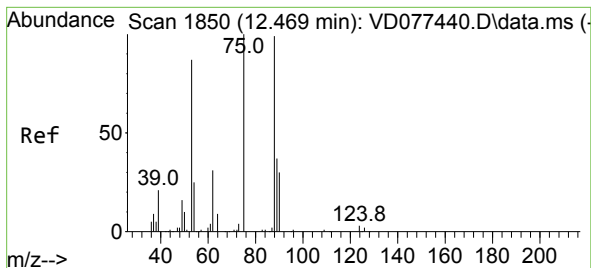
Tgt Ion:105 Resp: 538547

Ion Ratio Lower Upper

105 100

120 46.2 26.4 79.2

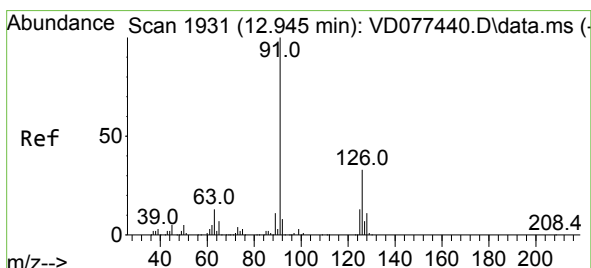
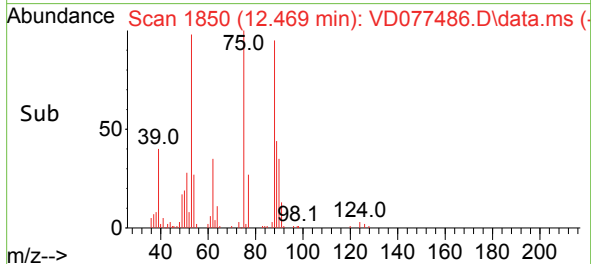
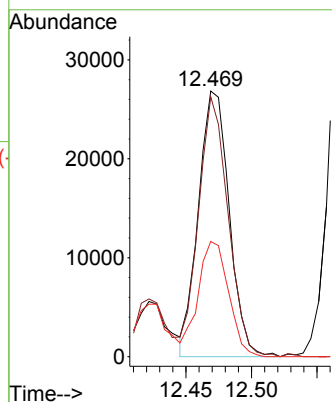
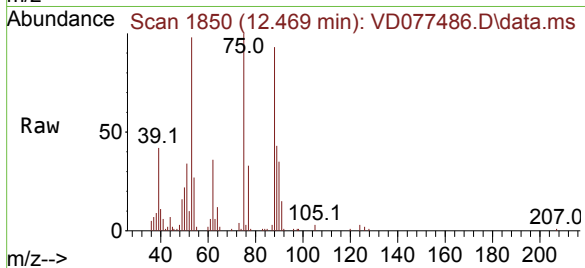




#81
trans-1,4-Dichloro-2-butene
Concen: 40.420 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

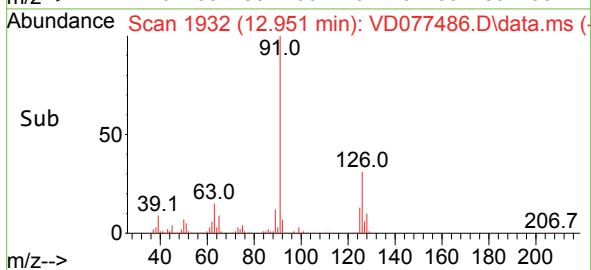
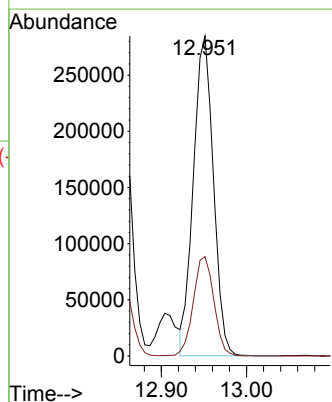
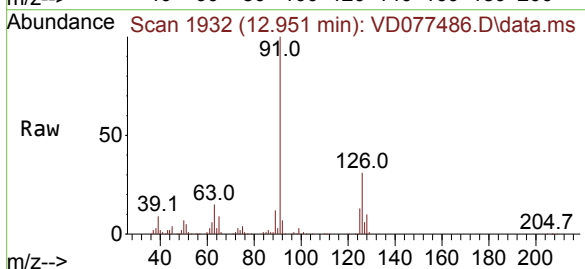
Instrument :
MSVOA_D
ClientSampleId :

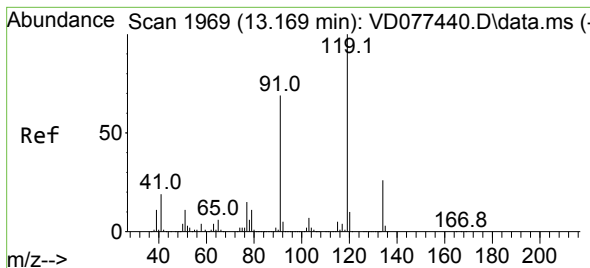
Tgt Ion: 75 Resp: 43889
Ion Ratio Lower Upper
75 100
53 95.4 63.0 94.4#
89 43.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 44.056 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion: 91 Resp: 463540
Ion Ratio Lower Upper
91 100
126 32.0 19.4 58.4





#83

tert-Butylbenzene

Concen: 45.876 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

ClientSampleId :

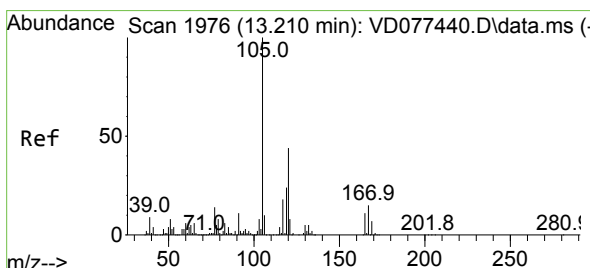
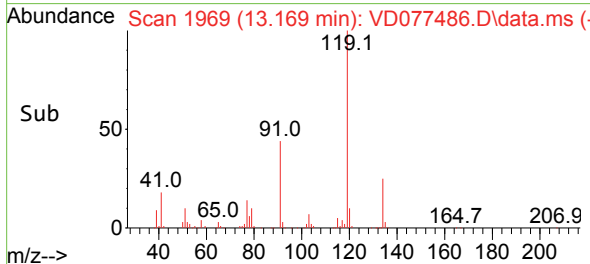
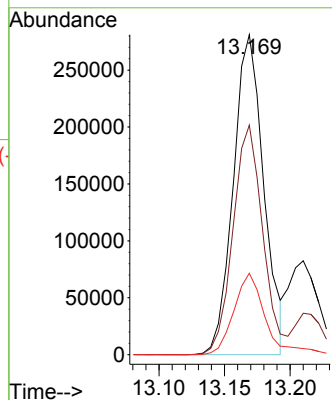
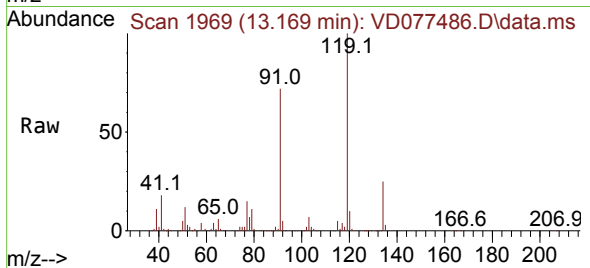
Tgt Ion:119 Resp: 454724

Ion Ratio Lower Upper

119 100

91 70.4 29.3 87.8

134 26.3 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 45.284 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077486.D

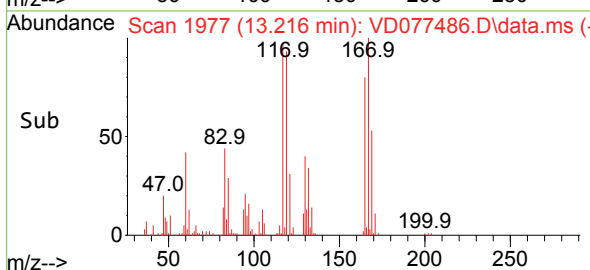
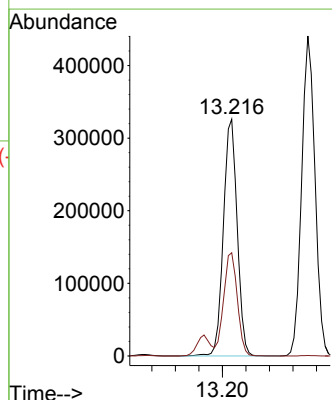
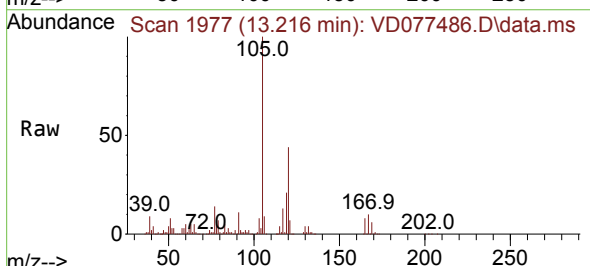
Acq: 02 Nov 2023 10:20

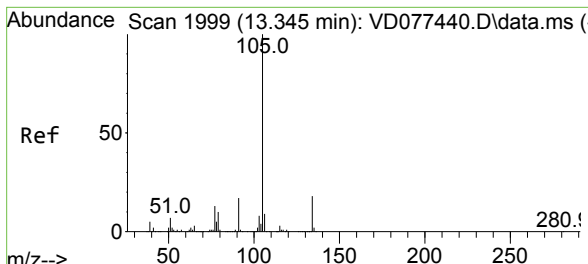
Tgt Ion:105 Resp: 530324

Ion Ratio Lower Upper

105 100

120 43.3 24.3 72.9

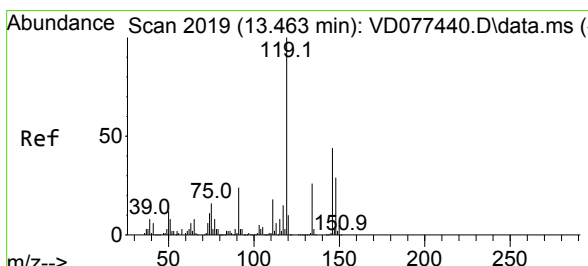
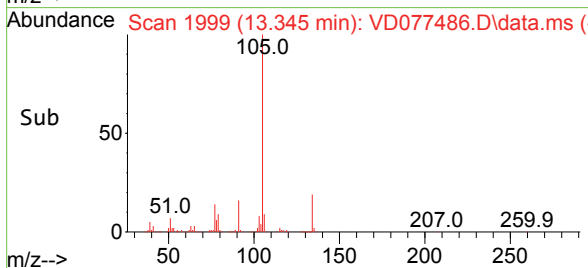
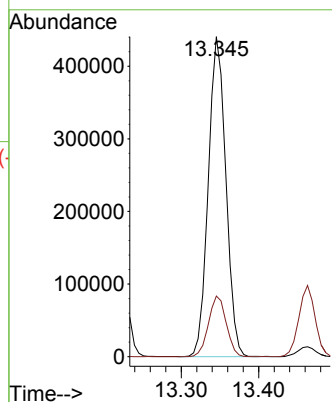
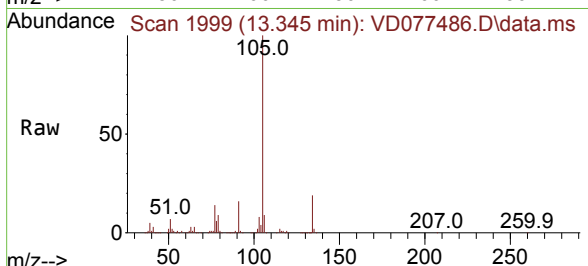




#85
 sec-Butylbenzene
 Concen: 45.770 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077486.D
 Acq: 02 Nov 2023 10:20

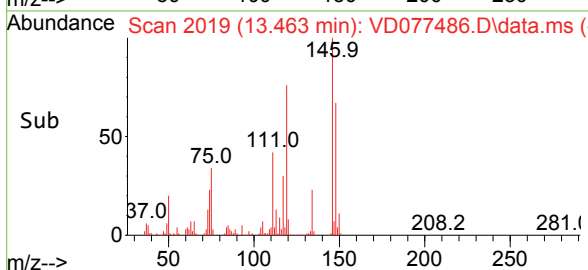
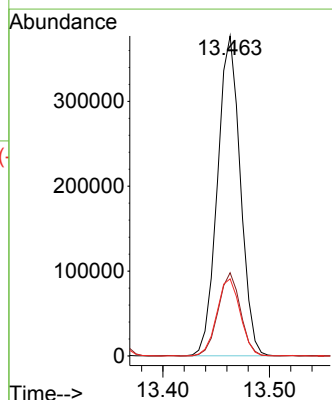
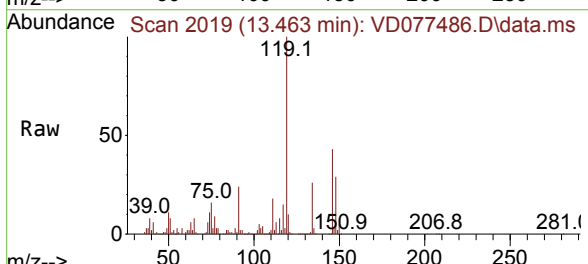
Instrument :
 MSVOA_D
 ClientSampleId :

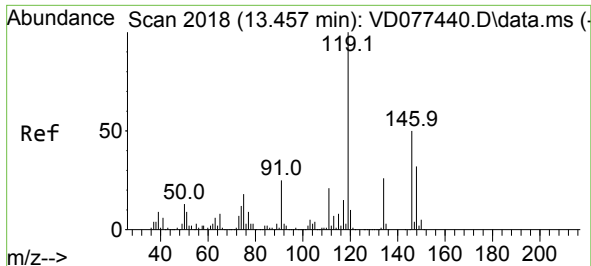
Tgt Ion:105 Resp: 694135
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 45.511 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077486.D
 Acq: 02 Nov 2023 10:20

Tgt Ion:119 Resp: 561024
 Ion Ratio Lower Upper
 119 100
 134 25.5 14.2 42.6
 91 24.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 44.476 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

ClientSampleId :

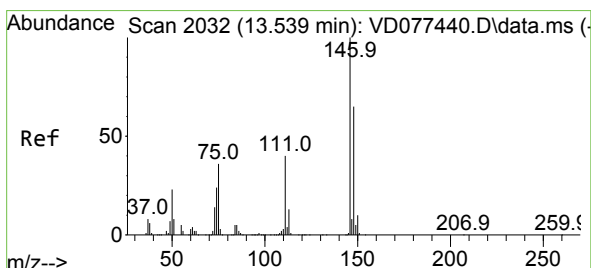
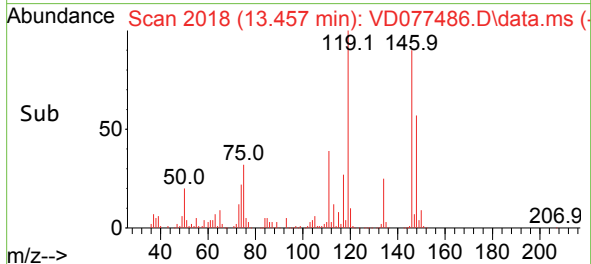
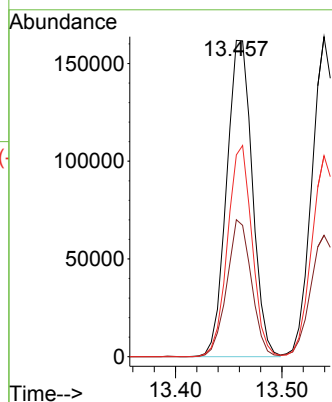
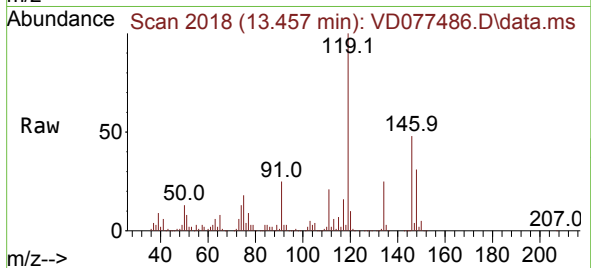
Tgt Ion:146 Resp: 270371

Ion Ratio Lower Upper

146 100

111 41.6 17.9 53.8

148 63.8 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 43.491 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

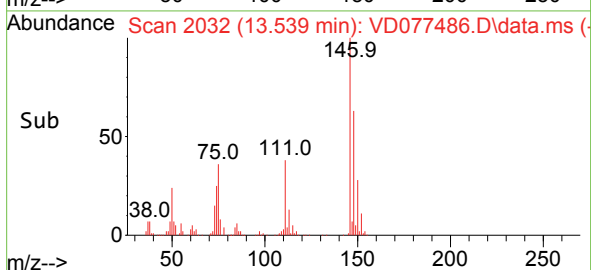
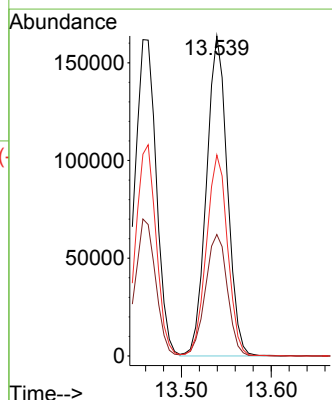
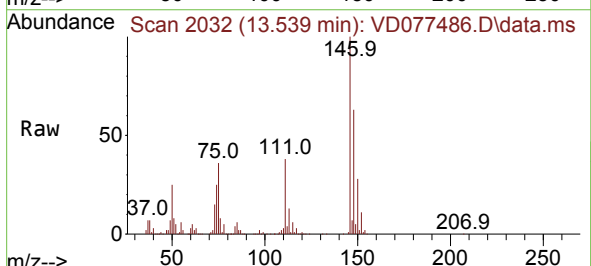
Tgt Ion:146 Resp: 264152

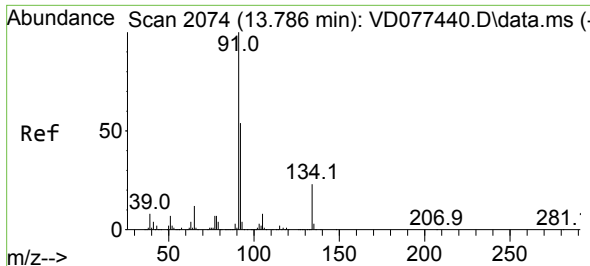
Ion Ratio Lower Upper

146 100

111 40.2 17.4 52.3

148 63.9 31.7 95.1

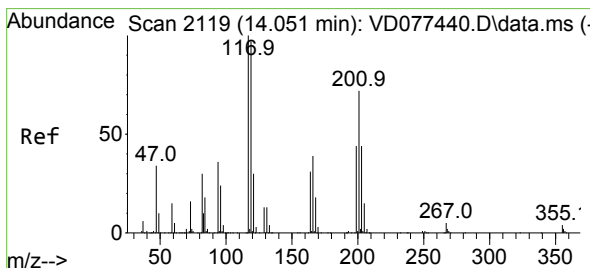
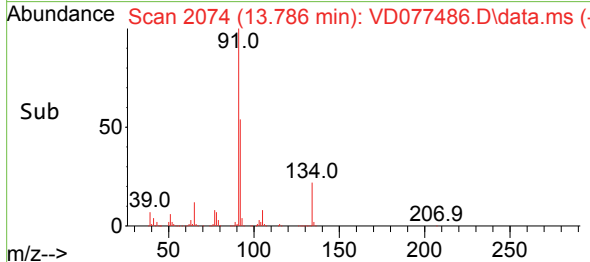
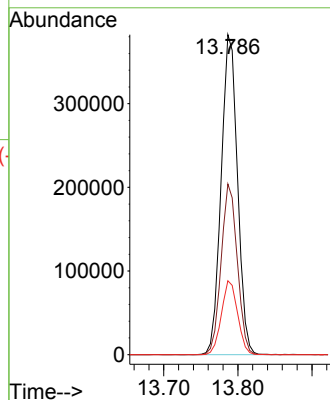
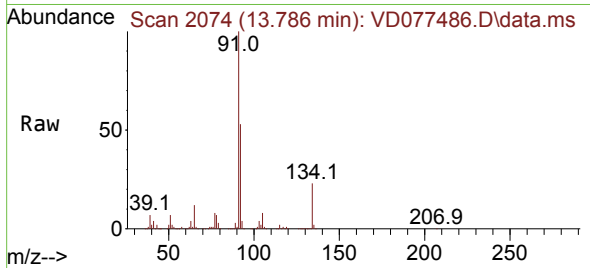




#89
n-Butylbenzene
Concen: 45.669 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

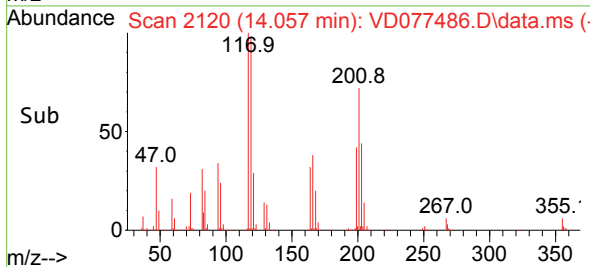
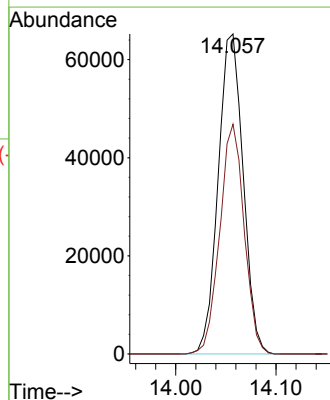
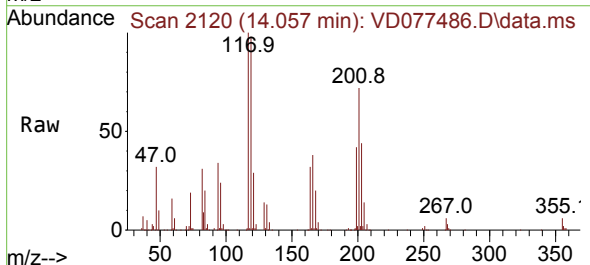
Instrument :
MSVOA_D
ClientSampleId :

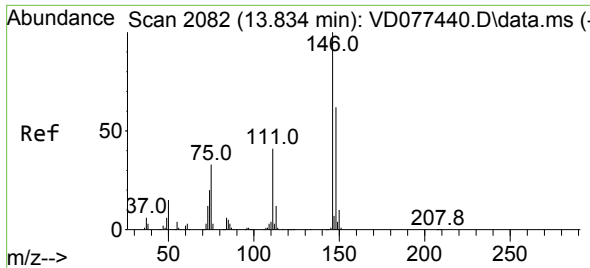
Tgt Ion: 91 Resp: 585142
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 22.9 13.8 41.3



#90
Hexachloroethane
Concen: 44.773 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion: 117 Resp: 112943
Ion Ratio Lower Upper
117 100
201 70.0 38.5 115.5

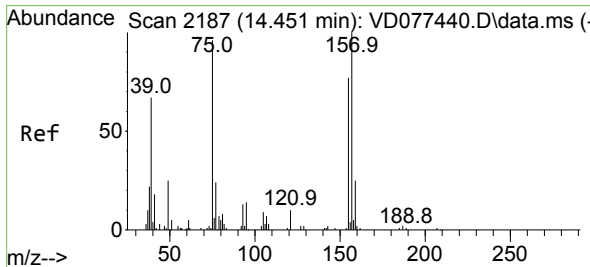
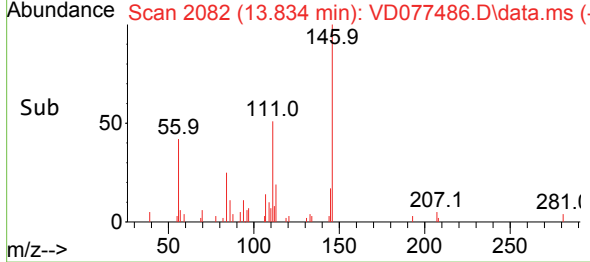
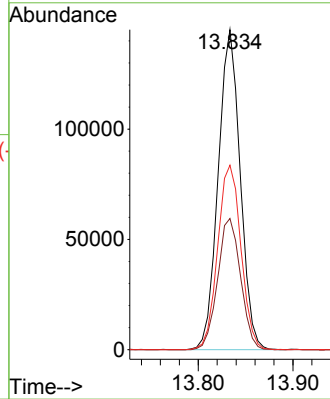
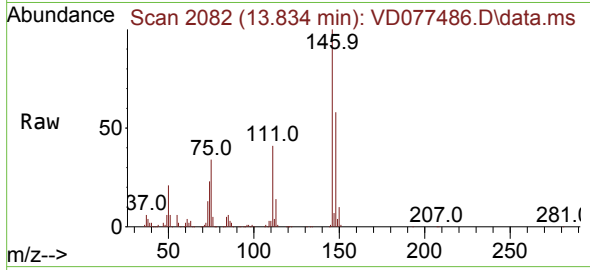




#91
 1,2-Dichlorobenzene
 Concen: 43.897 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077486.D
 Acq: 02 Nov 2023 10:20

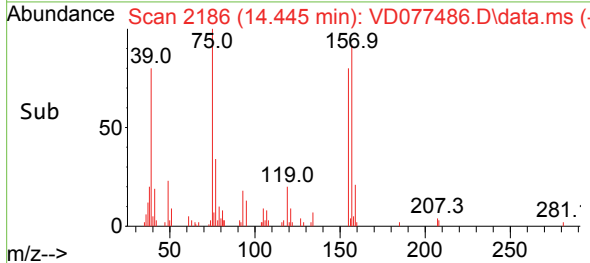
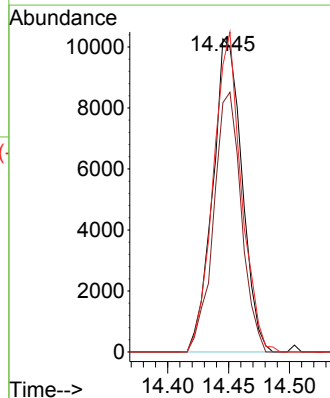
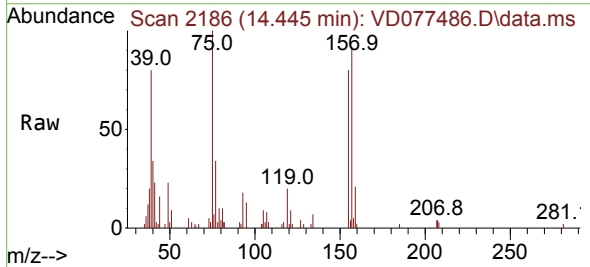
Instrument :
 MSVOA_D
 ClientSampleId :

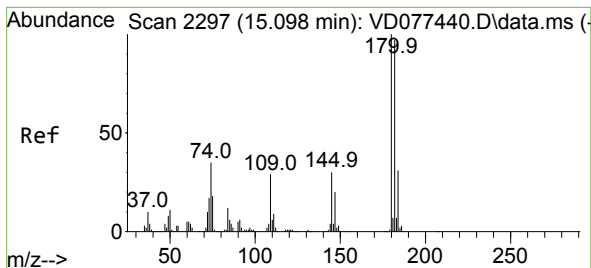
Tgt Ion:146 Resp: 234520
 Ion Ratio Lower Upper
 146 100
 111 42.7 18.3 54.8
 148 60.9 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 37.043 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD077486.D
 Acq: 02 Nov 2023 10:20

Tgt Ion: 75 Resp: 17187
 Ion Ratio Lower Upper
 75 100
 155 78.5 47.9 143.8
 157 97.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 42.313 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

Instrument :

MSVOA_D

ClientSampleId :

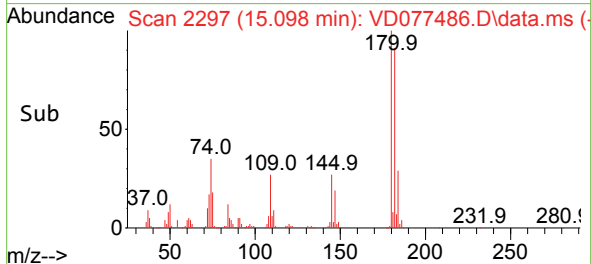
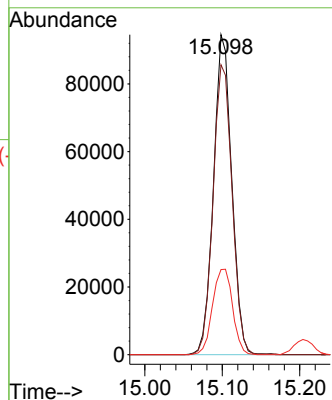
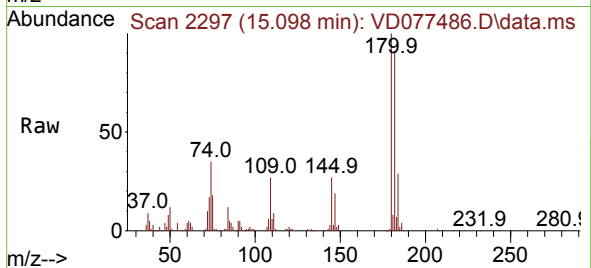
Tgt Ion:180 Resp: 155295

Ion Ratio Lower Upper

180 100

182 94.2 48.5 145.6

145 29.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 41.930 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077486.D

Acq: 02 Nov 2023 10:20

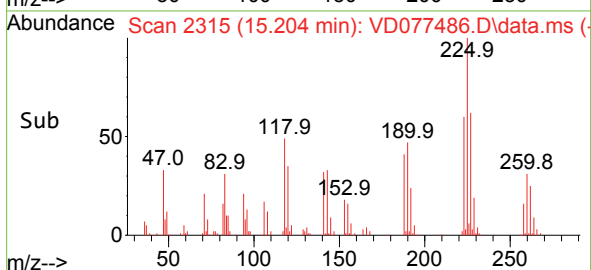
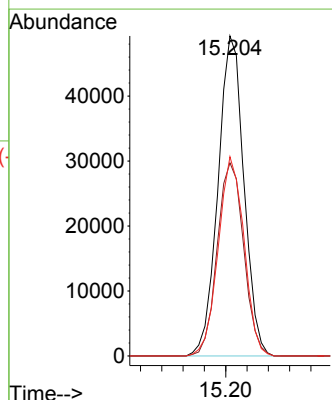
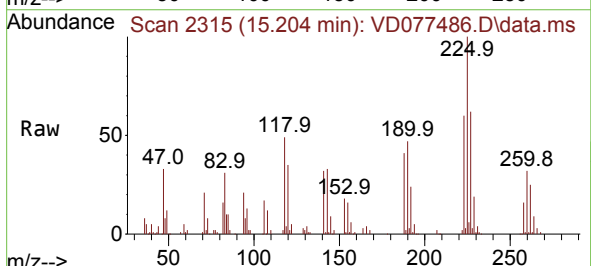
Tgt Ion:225 Resp: 83009

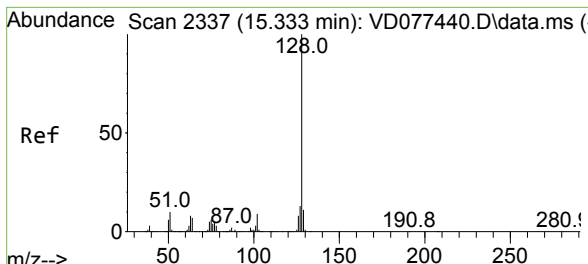
Ion Ratio Lower Upper

225 100

223 61.7 31.6 94.8

227 61.9 31.7 95.1

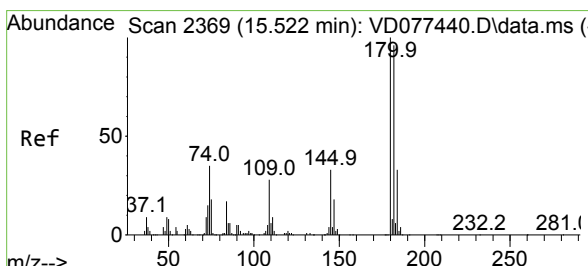
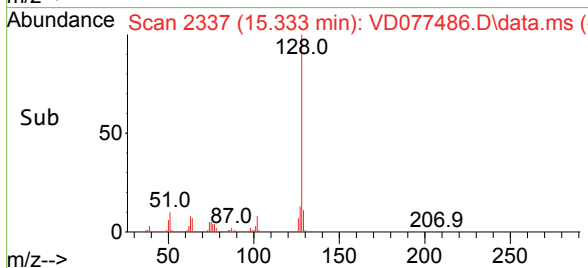
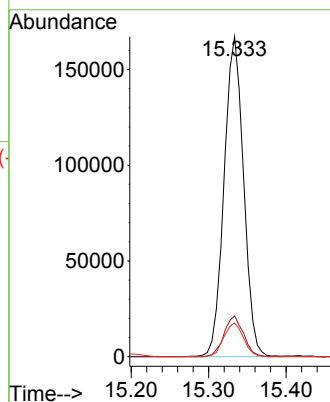
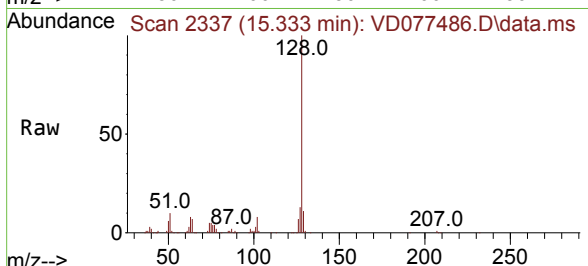




#95
Naphthalene
Concen: 41.894 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	293315
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.6	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 41.155 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077486.D
Acq: 02 Nov 2023 10:20

Tgt Ion:	180	Resp:	130381
Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	141.9
145	32.6	15.1	45.3

