Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
Data File : VD079110.D
Acq On : 31 May 2024 16:20
Operator : RP/MD
Sample : P2642-03MSD
Misc : 3.90G/10ml/MSVOA_D/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Quant Time: Jun 01 00:36:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 01 00:34:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	196979	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	194641	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102838	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	140547	23.186	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.760%			
7) Chloroethane-d5	2.799	69	130654	22.291	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.160%			
11) 1,1-Dichloroethene-d2	3.922	65	23704	22.028	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.120%			
21) 2-Butanone-d5	6.987	46	23128	49.884	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.760%			
24) Chloroform-d	7.569	84	122743	22.286	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.160%			
26) 1,2-Dichloroethane-d4	8.228	65	60829	23.942	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.760%			
32) Benzene-d6	8.199	84	252315	23.384	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.520%			
36) 1,2-Dichloropropane-d6	9.210	67	69354	22.313	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.240%			
41) Toluene-d8	10.269	98	236291	23.388	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.560%			
43) trans-1,3-Dichloroprop...	10.522	79	30924	23.671	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.680%			
47) 2-Hexanone-d5	10.875	63	21132	52.591	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.180%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	67474	24.509	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.040%			
66) 1,2-Dichlorobenzene-d4	13.810	152	81173	22.871	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	72281	23.181	ug/L	98
3) Chloromethane	2.146	50	104751	25.205	ug/L	98
5) Vinyl chloride	2.281	62	182039	26.538	ug/L	98
6) Bromomethane	2.693	94	125278	23.657	ug/L	95
8) Chloroethane	2.834	64	124411	24.745	ug/L	94
9) Trichlorofluoromethane	3.175	101	122060	23.358	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	76860	24.529	ug/L	99
12) 1,1-Dichloroethene	3.934	96	65729	24.094	ug/L	88
13) Acetone	4.016	43	39170	58.356	ug/L	98
14) Carbon disulfide	4.269	76	229999	24.169	ug/L	97
15) Methyl Acetate	4.563	43	24955	27.287	ug/L #	82
16) Methylene chloride	4.793	84	94401	26.896	ug/L	90
17) trans-1,2-Dichloroethene	5.310	96	74681	25.332	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	139825	26.742	ug/L #	90
19) 1,1-Dichloroethane	6.110	63	117136	24.678	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	80148	26.109	ug/L	98
22) 2-Butanone	7.081	43	41195	58.422	ug/L	94
23) Bromochloromethane	7.422	128	39882	25.626	ug/L	92
25) Chloroform	7.593	83	133470	24.767	ug/L	98

Quantitation Report (QT Reviewed)

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Misc : 3.90G/10ml/MSVOA_D/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Quant Time: Jun 01 00:36:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 01 00:34:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	79403	25.382	ug/L	95
29) Cyclohexane	7.881	56	93120	26.516	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	114472	24.841	ug/L	99
31) Carbon tetrachloride	7.987	117	103784	24.235	ug/L	97
33) Benzene	8.251	78	299002	25.792	ug/L	100
34) Trichloroethene	9.028	95	74496	24.950	ug/L	97
35) Methylcyclohexane	9.275	83	125560	25.379	ug/L	99
37) 1,2-Dichloropropane	9.304	63	75110	26.451	ug/L	100
38) Bromodichloromethane	9.581	83	99034	25.088	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	114458	25.821	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	67766	57.169	ug/L	94
42) Toluene	10.334	91	339196	26.350	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	97584	26.033	ug/L	97
45) 1,1,2-Trichloroethane	10.728	97	64816	26.018	ug/L	96
46) Tetrachloroethene	10.804	164	63221	24.047	ug/L	97
48) 2-Hexanone	10.916	43	61191	59.657	ug/L	97
49) Dibromochloromethane	11.075	129	75212	25.495	ug/L	90
50) 1,2-Dibromoethane	11.175	107	59263	25.885	ug/L	97
51) Chlorobenzene	11.604	112	217073	25.343	ug/L	98
52) Ethylbenzene	11.681	91	353054	26.293	ug/L	99
53) m,p-Xylene	11.792	106	143334	27.207	ug/L	94
54) o-Xylene	12.122	106	134266	26.379	ug/L	92
55) Styrene	12.134	104	245897	27.247	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	74691	26.785	ug/L	94
59) Bromoform	12.298	173	45568	24.177	ug/L	95
60) Isopropylbenzene	12.422	105	351083	25.819	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	48982	26.978	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	242597	26.093	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	262545	26.402	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	165674	25.362	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	173715	25.098	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	152552	25.262	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	9946	26.648	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	104631	25.396	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	80089	23.406	ug/L	94
71) Naphthalene	15.328	128	163293	25.518	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	77600	26.240	ug/L	97

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

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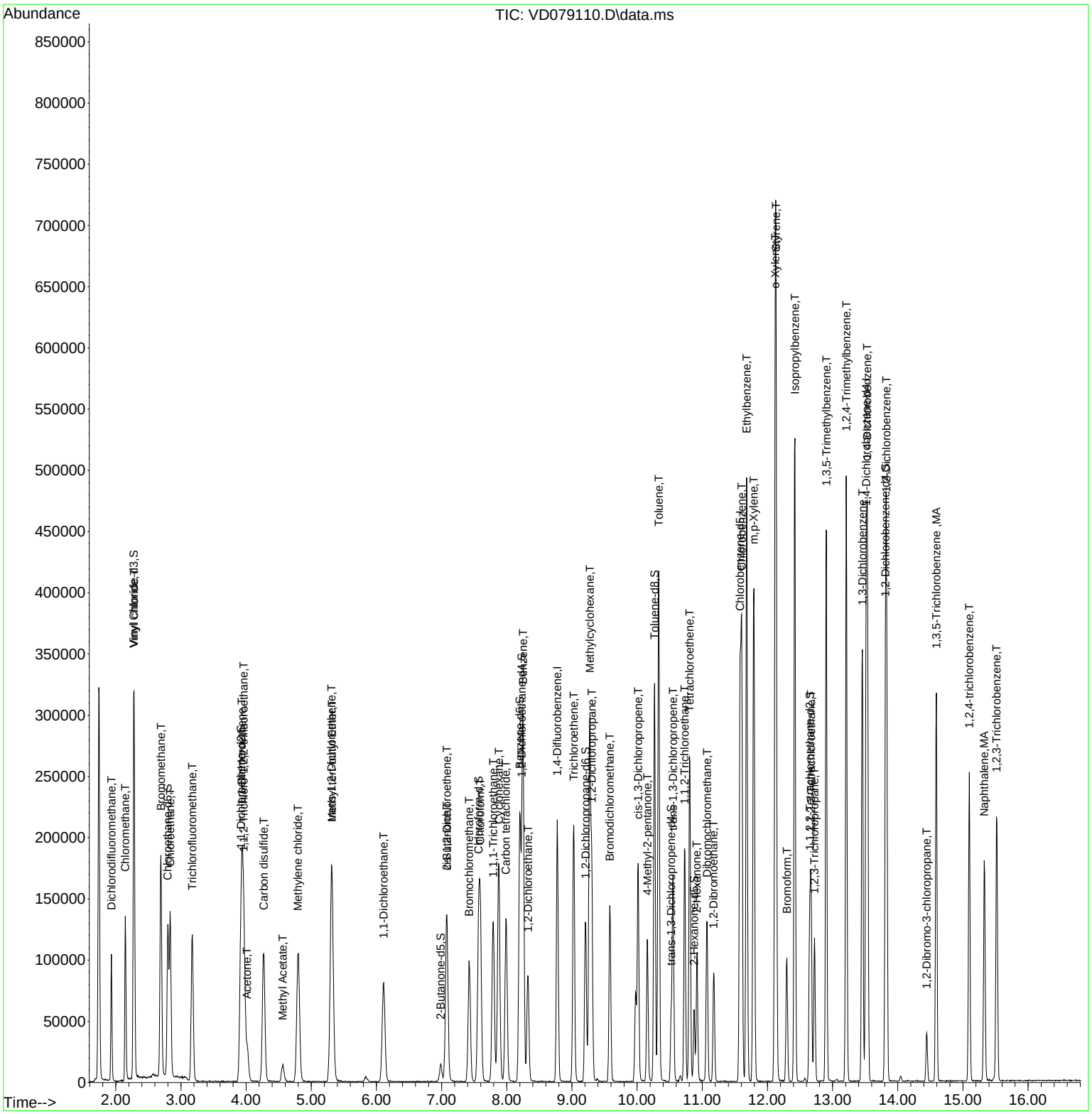
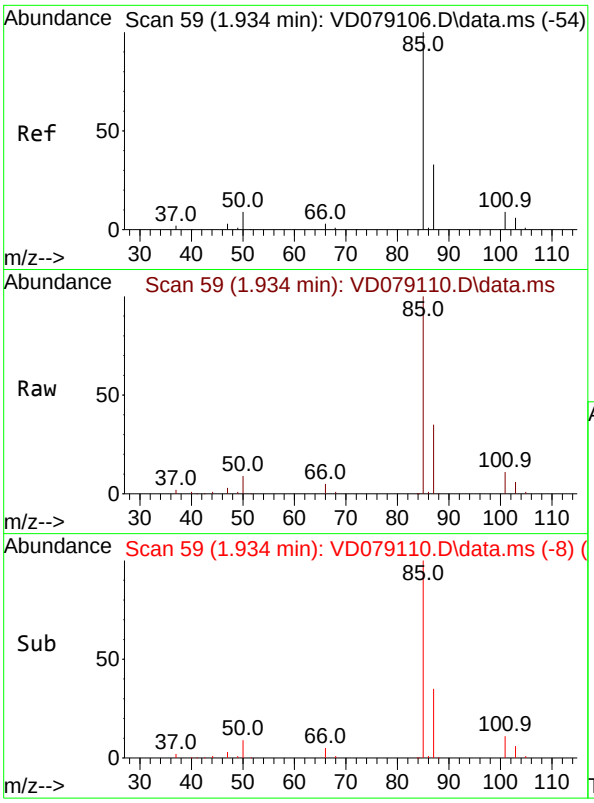
Quant Title : SFAM01.0
QLast Update : Sat Jun 01 00:34:30 2024
Response via : Initial Calibration



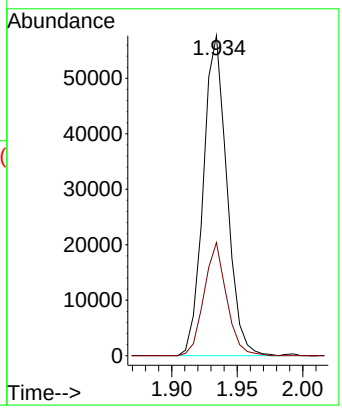


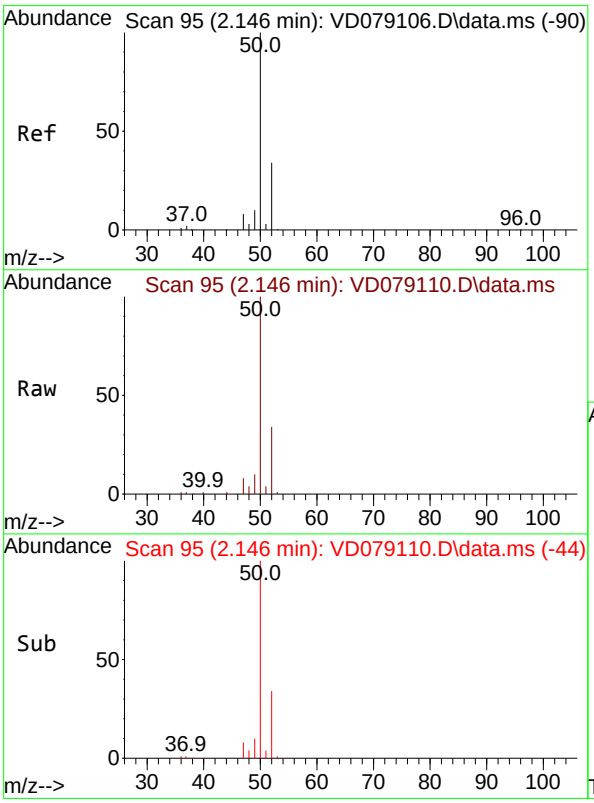
#2
Dichlorodifluoromethane
Concen: 23.181 ug/L
RT: 1.934 min Scan# 5
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 85 Resp: 72281

Ion	Ratio	Lower	Upper
85	100		
87	33.8	26.2	39.4

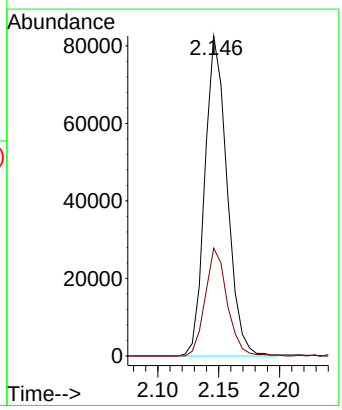


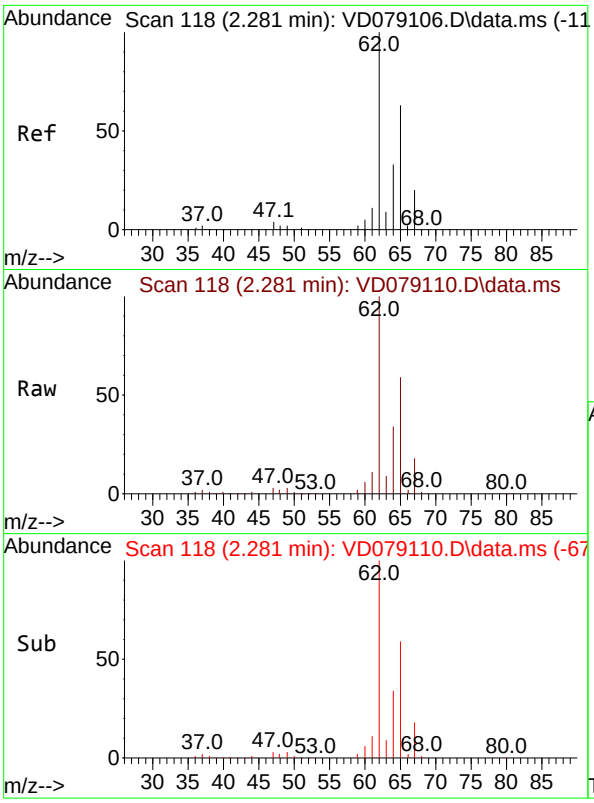


#3
Chloromethane
Concen: 25.205 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 50 Resp: 104751

Ion	Ratio	Lower	Upper
50	100		
52	33.7	24.4	45.2



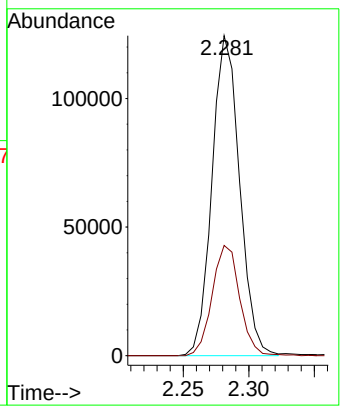


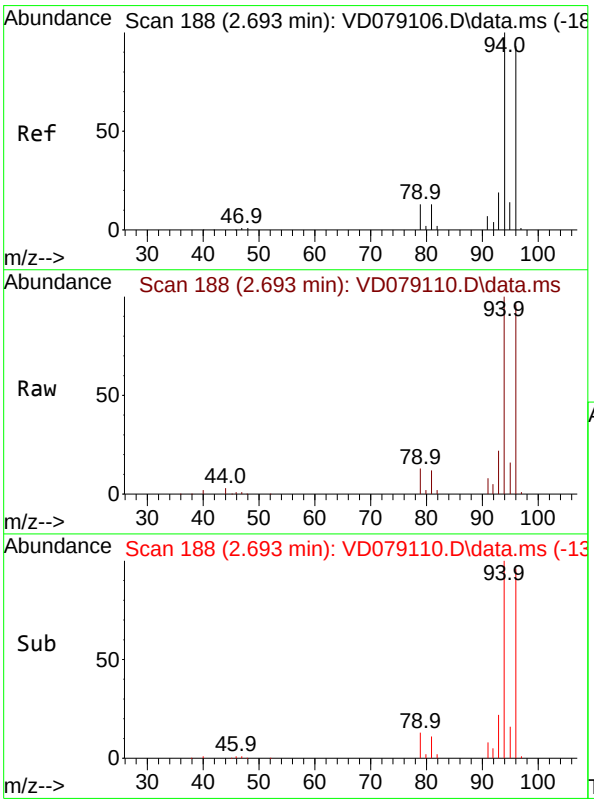
#5
Vinyl chloride
Concen: 26.538 ug/L
RT: 2.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 62 Resp: 182039

Ion	Ratio	Lower	Upper
62	100		
64	34.5	24.8	46.1

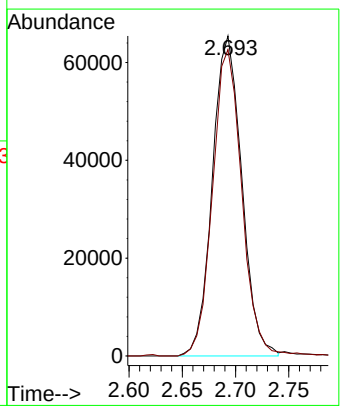


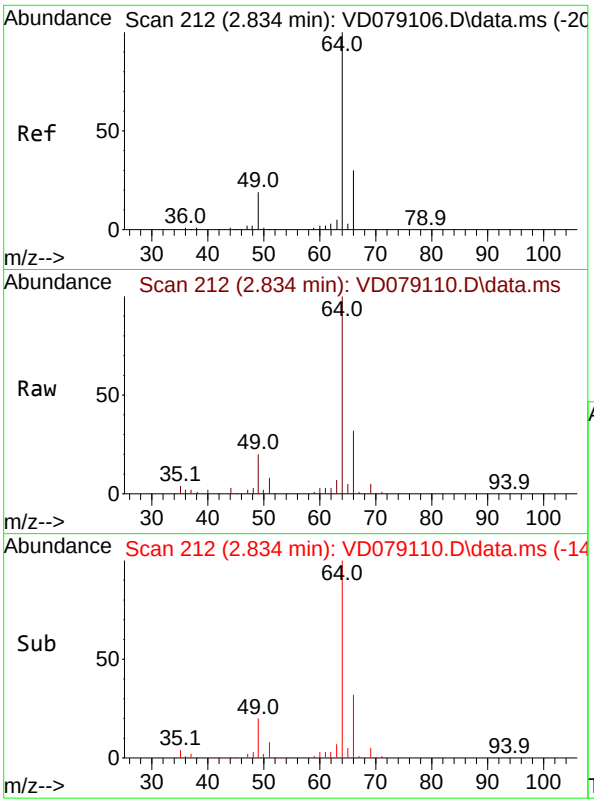


#6
Bromomethane
Concen: 23.657 ug/L
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 94 Resp: 125278

Ion	Ratio	Lower	Upper
94	100		
96	95.7	63.6	118.2



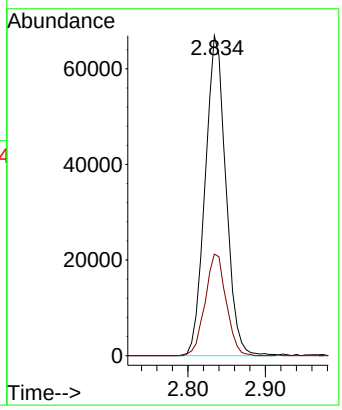


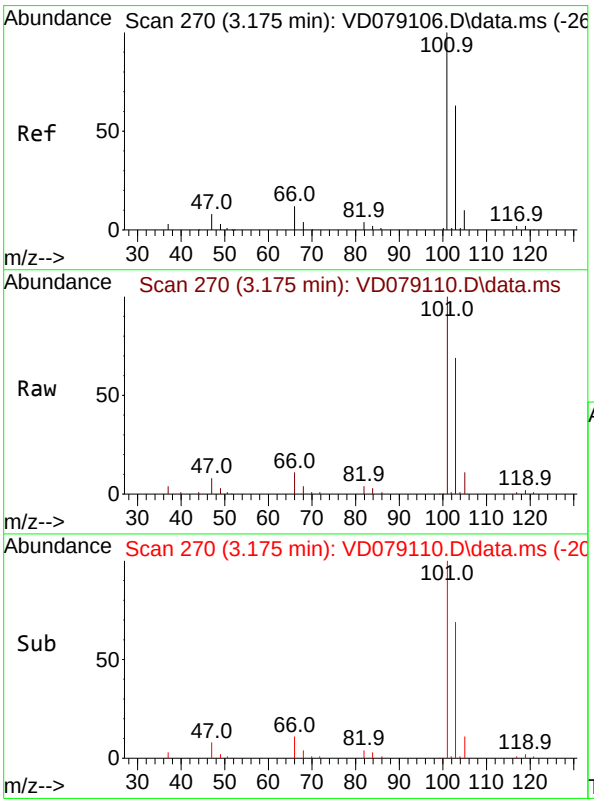
#8
Chloroethane
Concen: 24.745 ug/L
RT: 2.834 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 64 Resp: 124411

Ion	Ratio	Lower	Upper
64	100		
66	31.7	24.8	46.1

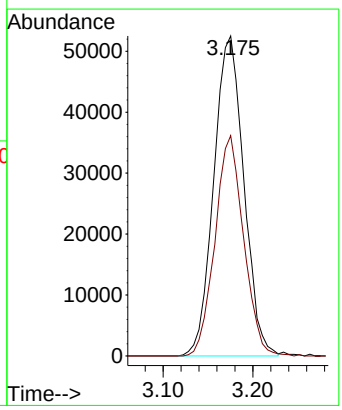


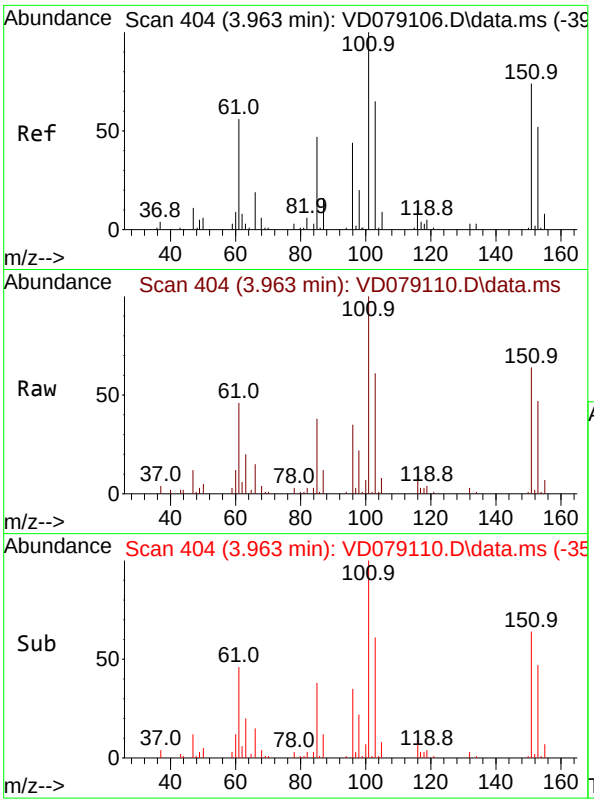


#9
Trichlorofluoromethane
Concen: 23.358 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:101 Resp: 122060

Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.6	79.0



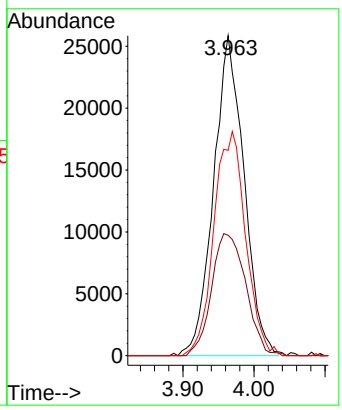


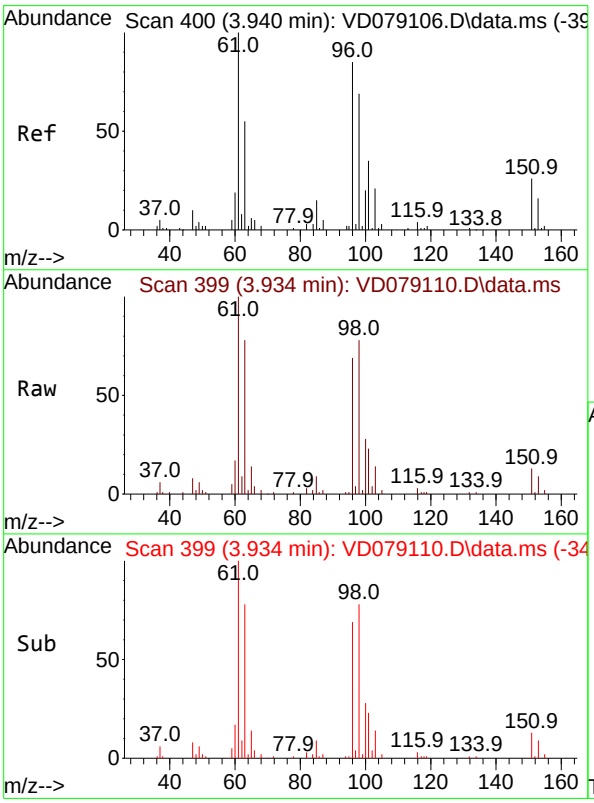
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.529 ug/L
RT: 3.963 min Scan# 4(
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion:101 Resp: 76860

Ion	Ratio	Lower	Upper
101	100		
85	42.7	35.4	53.0
151	73.2	59.1	88.7

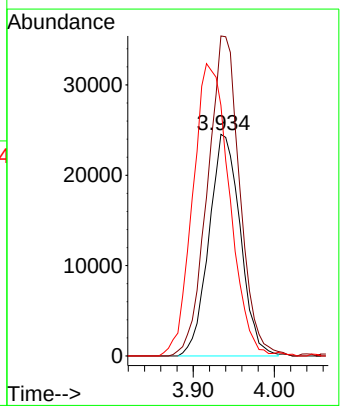


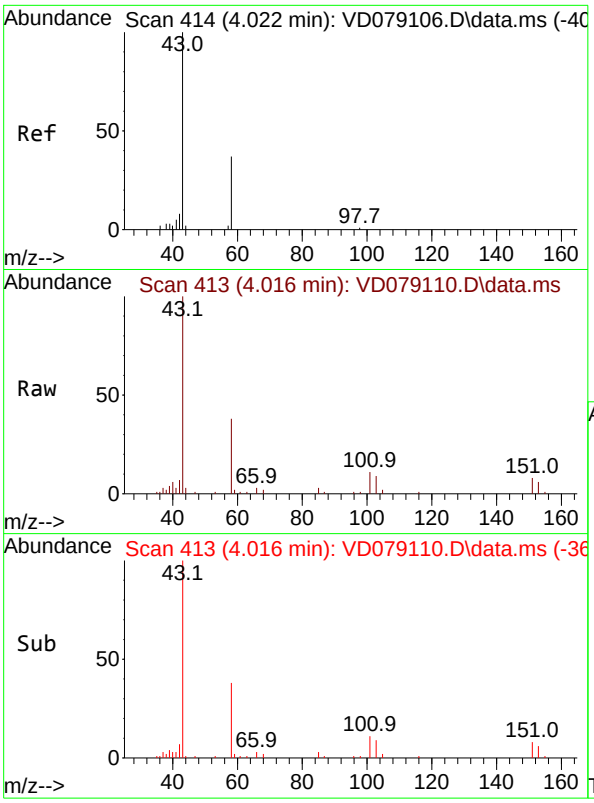


#12
1,1-Dichloroethene
Concen: 24.094 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 96 Resp: 65729

Ion	Ratio	Lower	Upper
96	100		
61	144.4	93.9	174.3
63	113.1	67.7	125.7



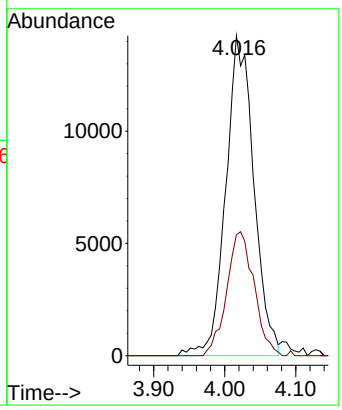


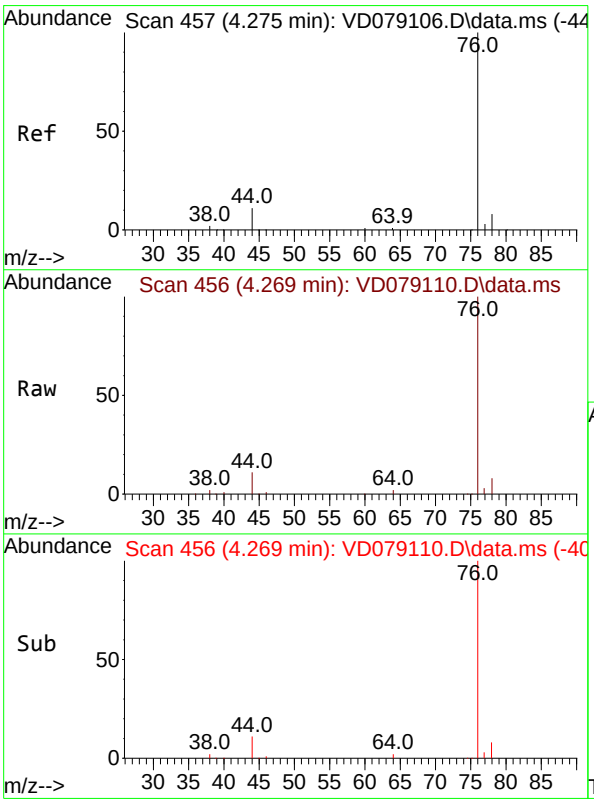
#13
Acetone
Concen: 58.356 ug/L
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 43 Resp: 39170

Ion	Ratio	Lower	Upper
43	100		
58	37.7	0.0	78.2

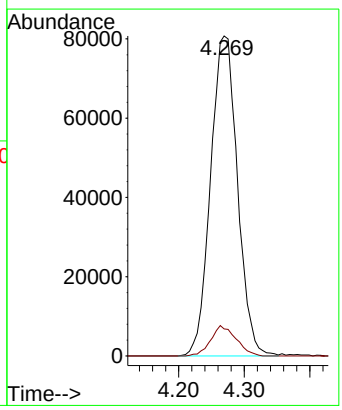


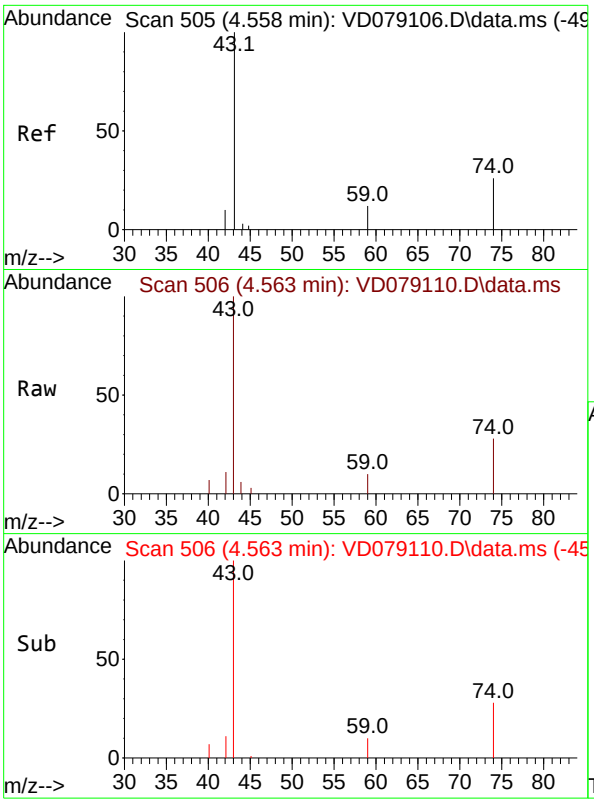


#14
Carbon disulfide
Concen: 24.169 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 76 Resp: 229999

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.5	11.3



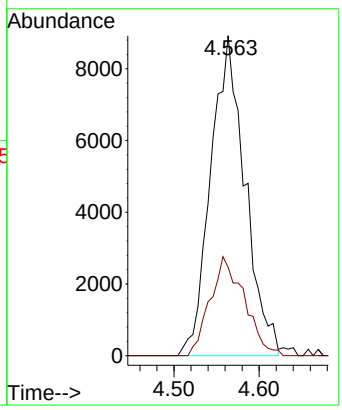


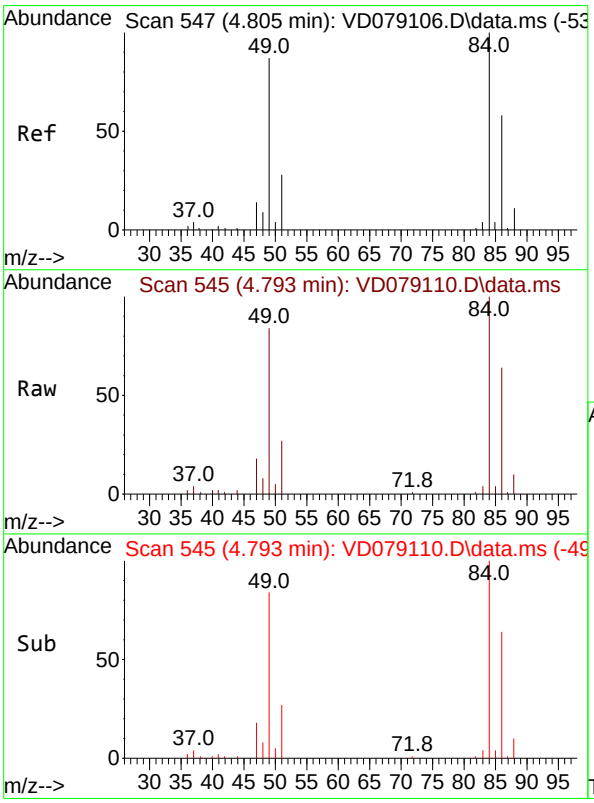
#15
Methyl Acetate
Concen: 27.287 ug/L
RT: 4.563 min Scan# 5(
Delta R.T. 0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 43 Resp: 24955

Ion	Ratio	Lower	Upper
43	100		
74	20.2	23.8	35.6#

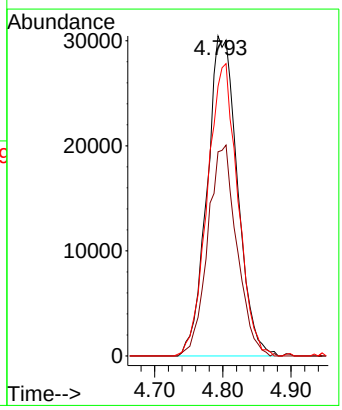


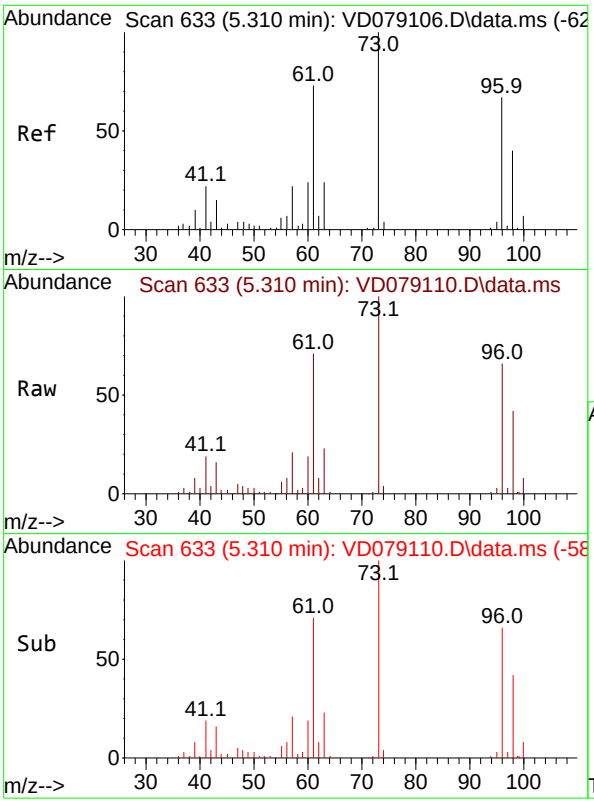


#16
Methylene chloride
Concen: 26.896 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 84 Resp: 94401

Ion	Ratio	Lower	Upper
84	100		
86	63.8	40.9	76.0
49	84.2	67.5	125.3



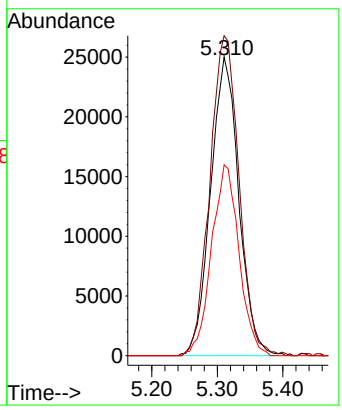


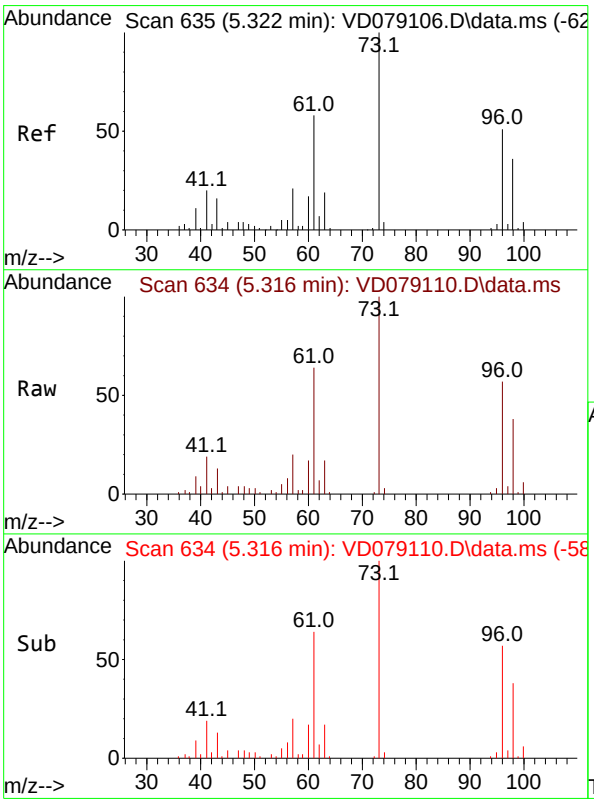
#17
trans-1,2-Dichloroethene
Concen: 25.332 ug/L
RT: 5.310 min Scan# 6
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 96 Resp: 74681

Ion	Ratio	Lower	Upper
96	100		
61	107.1	71.9	133.5
98	63.9	42.6	79.2

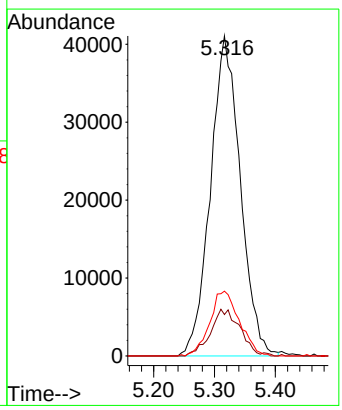


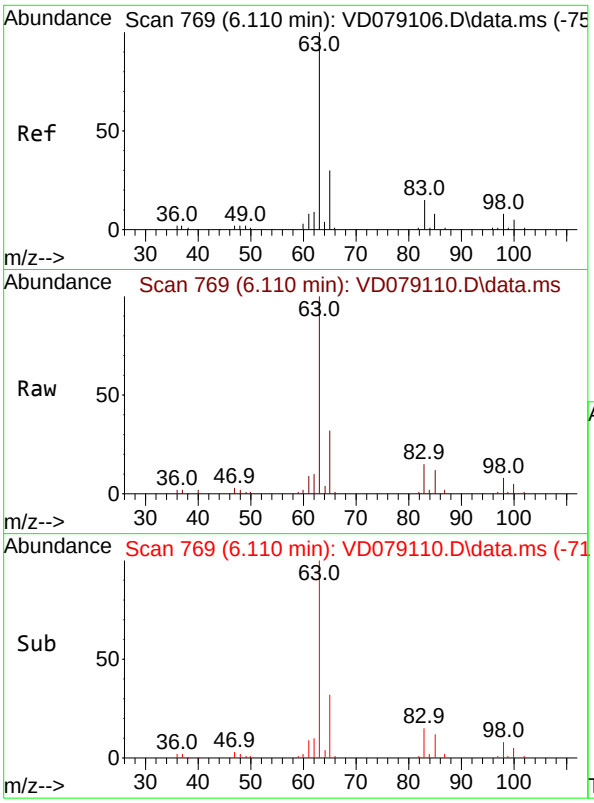


#18
Methyl tert-butyl Ether
Concen: 26.742 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 73 Resp: 139825

Ion	Ratio	Lower	Upper
73	100		
43	14.3	12.0	18.0
57	20.1	9.6	14.4#



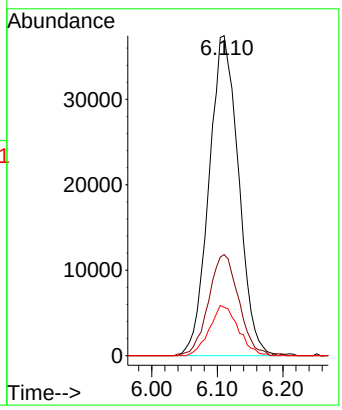


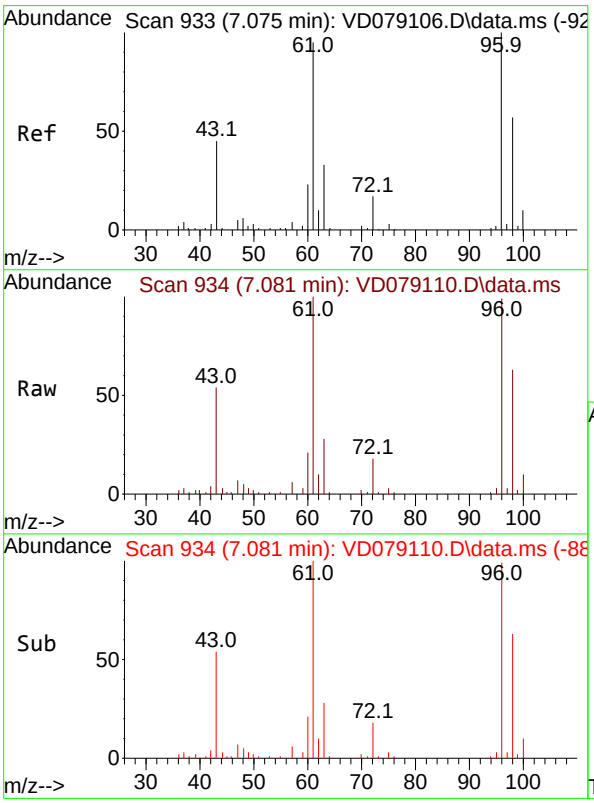
#19
1,1-Dichloroethane
Concen: 24.678 ug/L
RT: 6.110 min Scan# 7
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 63 Resp: 117136

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.8	42.4
83	15.1	8.6	16.0

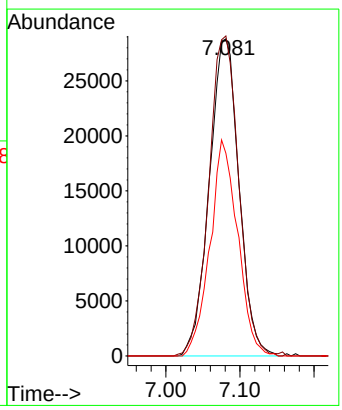


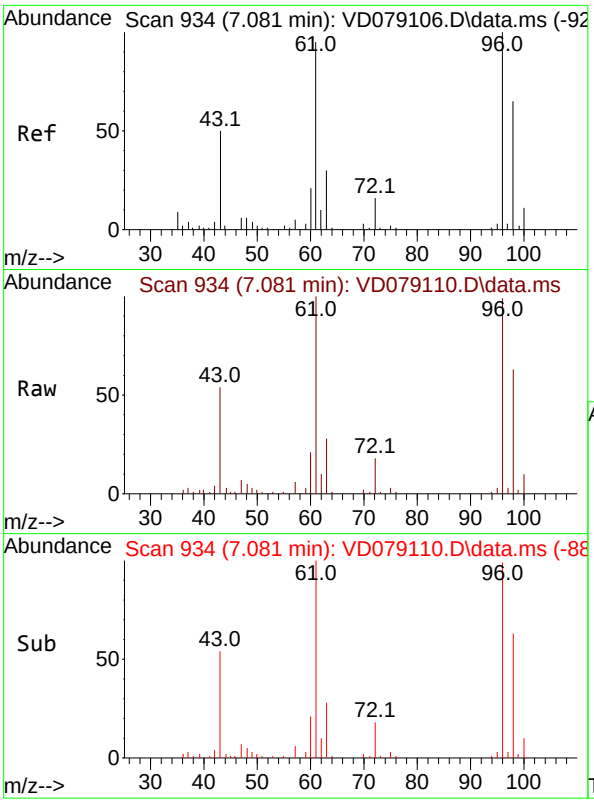


#20
cis-1,2-Dichloroethene
Concen: 26.109 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 96 Resp: 80148

Ion	Ratio	Lower	Upper
96	100		
61	100.9	72.6	134.8
98	63.9	43.8	81.3



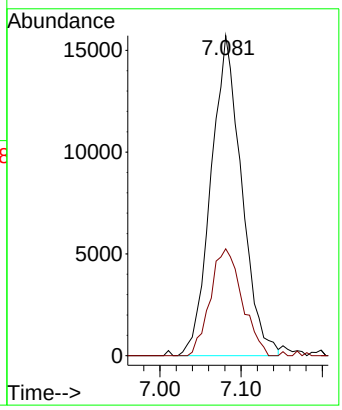


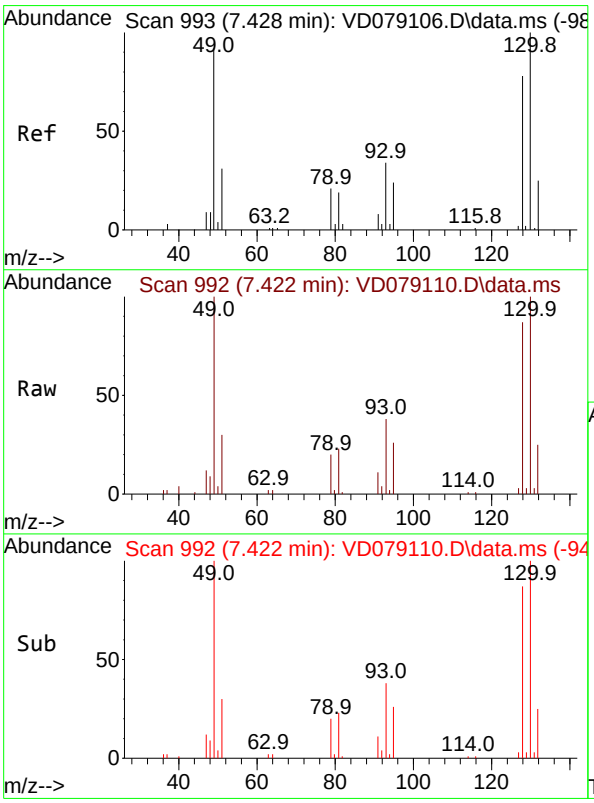
#22
2-Butanone
Concen: 58.422 ug/L
RT: 7.081 min Scan# 9
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 43 Resp: 41195

Ion	Ratio	Lower	Upper
43	100		
72	34.7	19.3	57.8

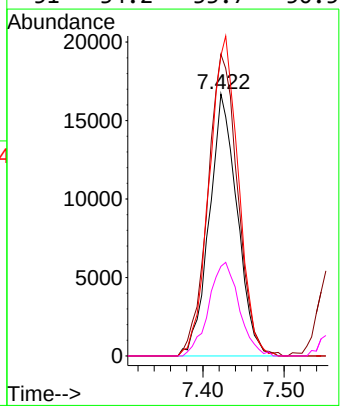


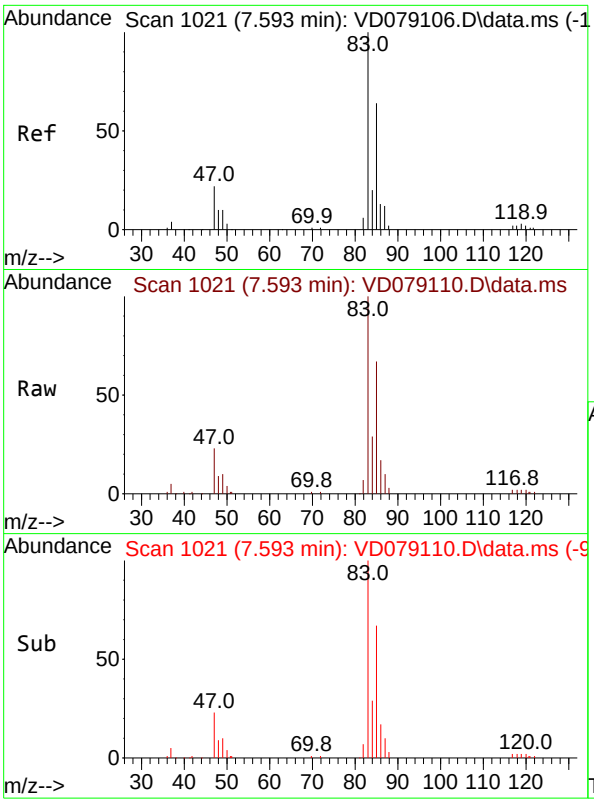


#23
Bromochloromethane
Concen: 25.626 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:128 Resp: 39882

Ion	Ratio	Lower	Upper
128	100		
49	115.1	81.8	151.8
130	114.7	90.4	167.8
51	34.2	33.7	50.5



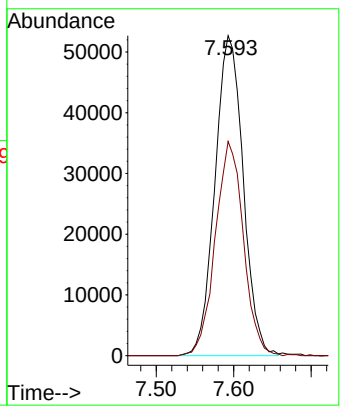


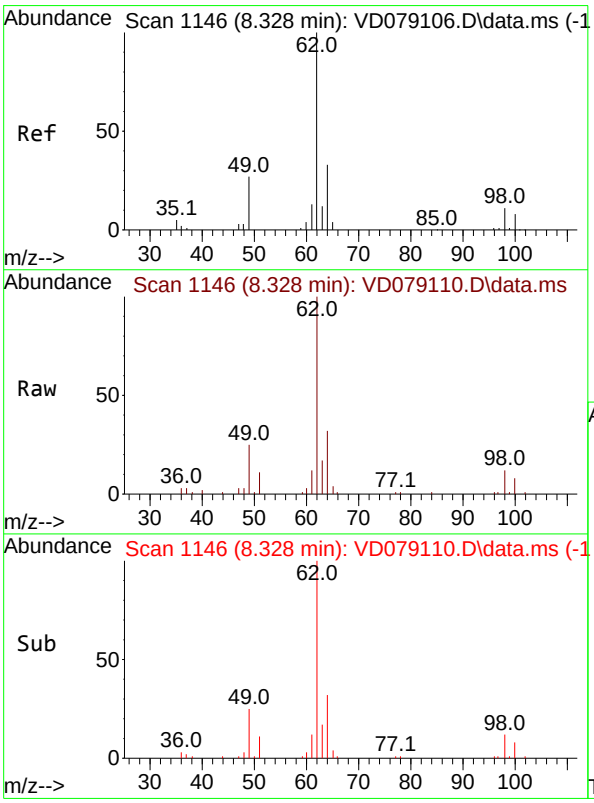
#25
Chloroform
Concen: 24.767 ug/L
RT: 7.593 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 83 Resp: 133470

Ion	Ratio	Lower	Upper
83	100		
85	67.0	47.9	89.1

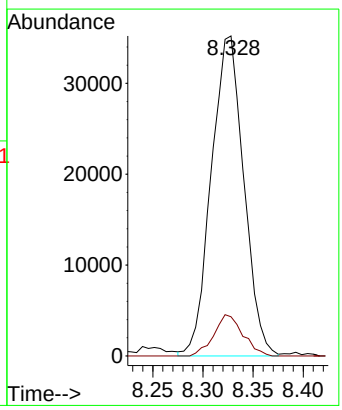


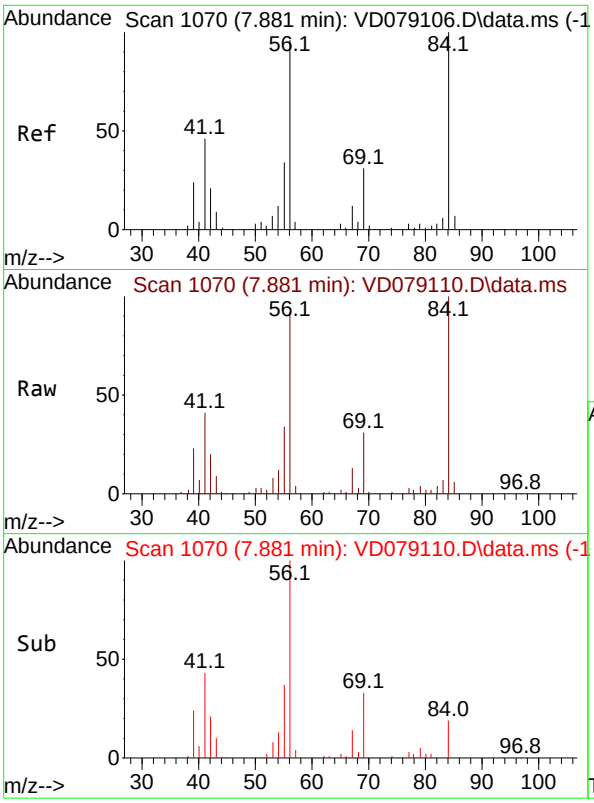


#27
1,2-Dichloroethane
Concen: 25.382 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 62 Resp: 79403

Ion	Ratio	Lower	Upper
62	100		
98	12.3	8.2	12.4



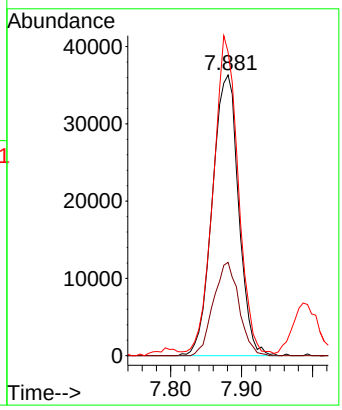


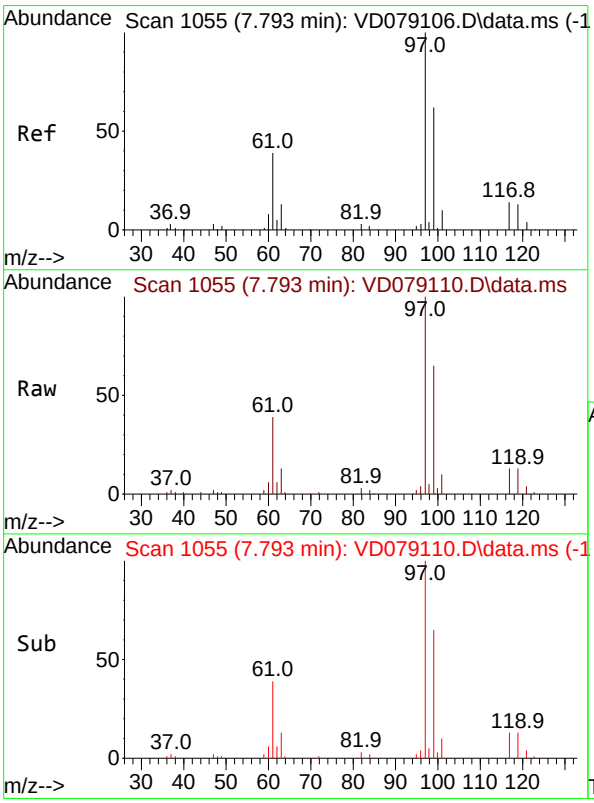
#29
Cyclohexane
Concen: 26.516 ug/L
RT: 7.881 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 56 Resp: 93120

Ion	Ratio	Lower	Upper
56	100		
69	32.4	26.6	40.0
84	108.5	87.5	131.3

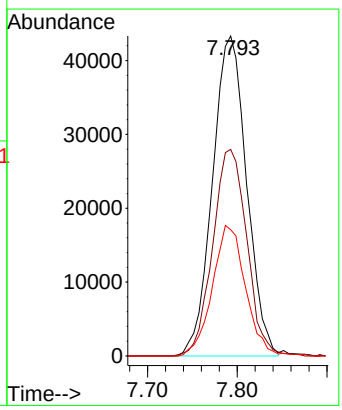


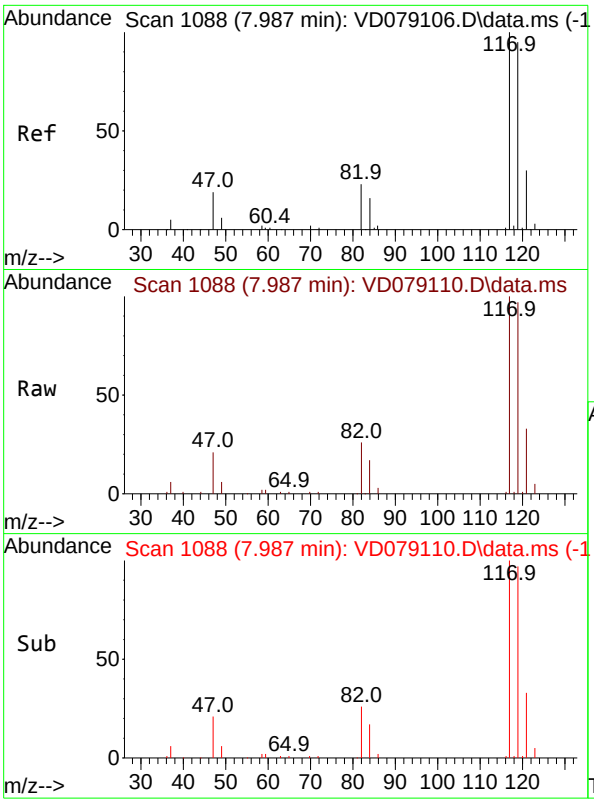


#30
1,1,1-Trichloroethane
Concen: 24.841 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 97 Resp: 114472

Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.3	78.5
61	39.3	31.7	47.5



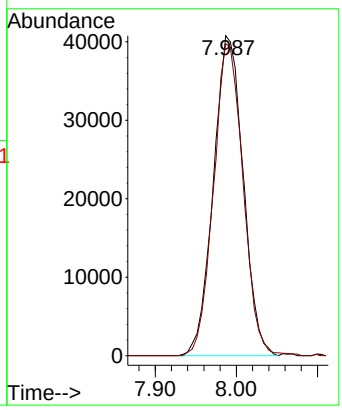


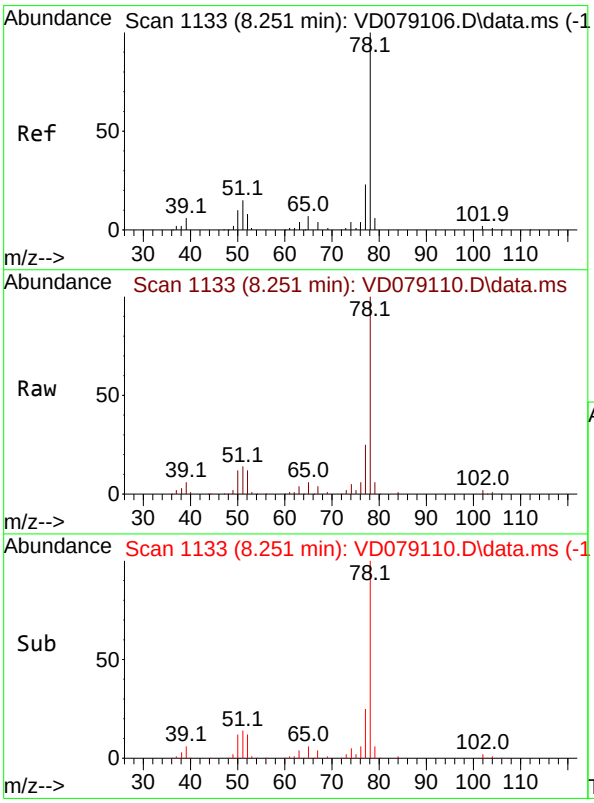
#31
Carbon tetrachloride
Concen: 24.235 ug/L
RT: 7.987 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion:117 Resp: 103784

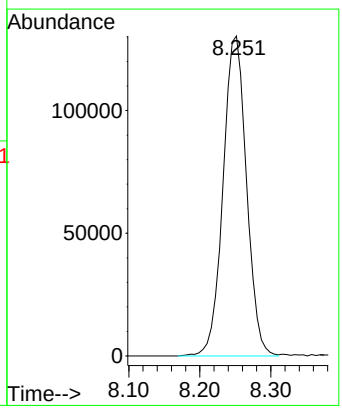
Ion	Ratio	Lower	Upper
117	100		
119	96.8	79.6	119.4

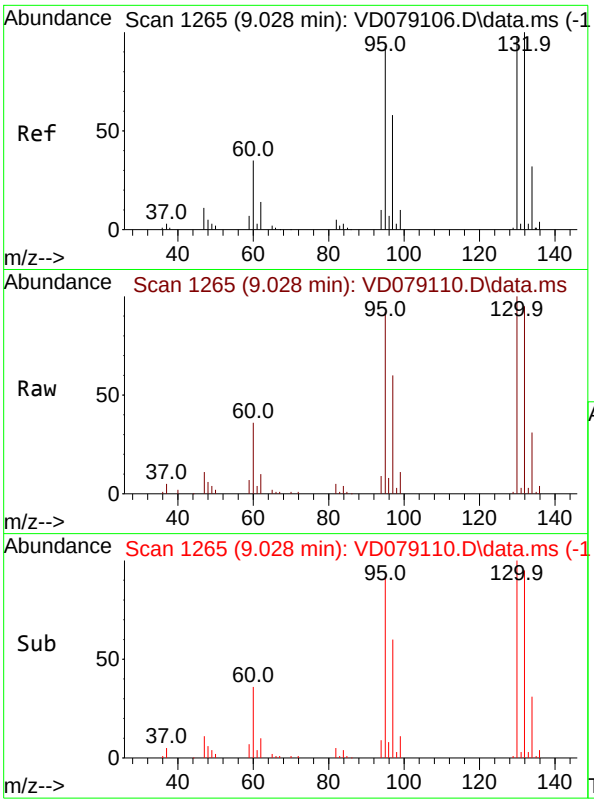




#33
Benzene
Concen: 25.792 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 78 Resp: 299002



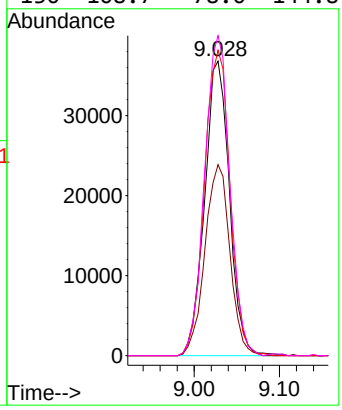


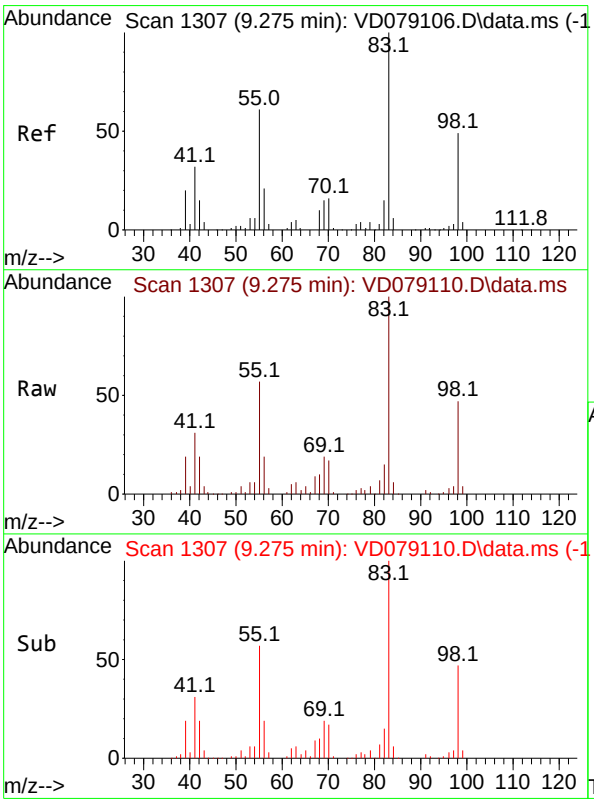
#34
Trichloroethene
Concen: 24.950 ug/L
RT: 9.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 95 Resp: 74496

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.6	82.8
132	103.7	74.9	139.1
130	108.7	78.0	144.8

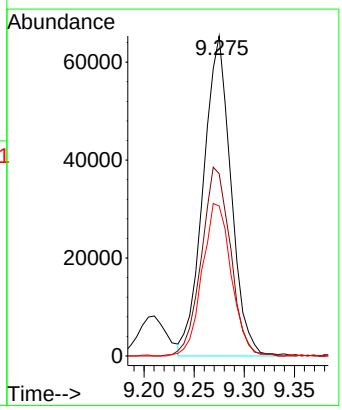


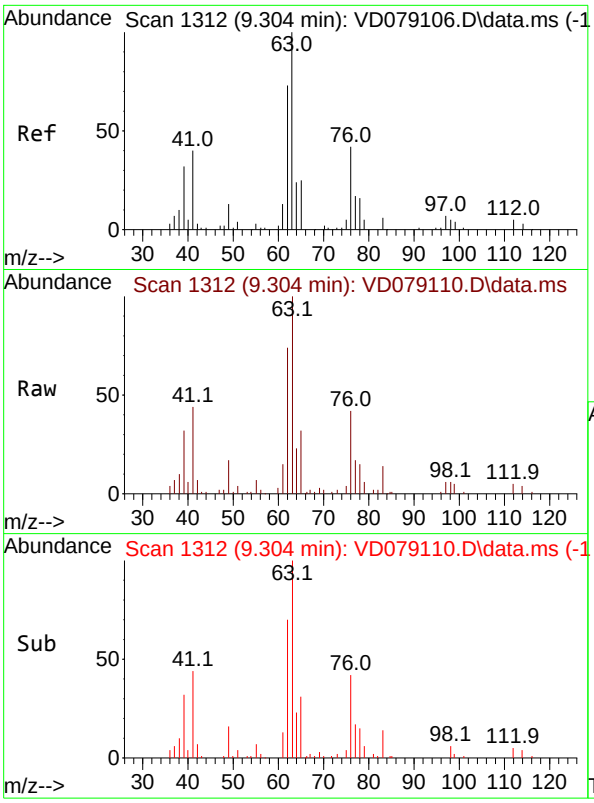


#35
Methylcyclohexane
Concen: 25.379 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 83 Resp: 125560

Ion	Ratio	Lower	Upper
83	100		
55	61.9	48.6	72.8
98	49.9	40.2	60.2



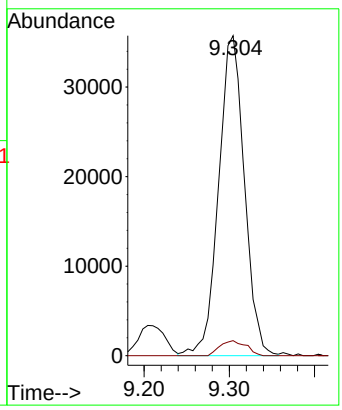


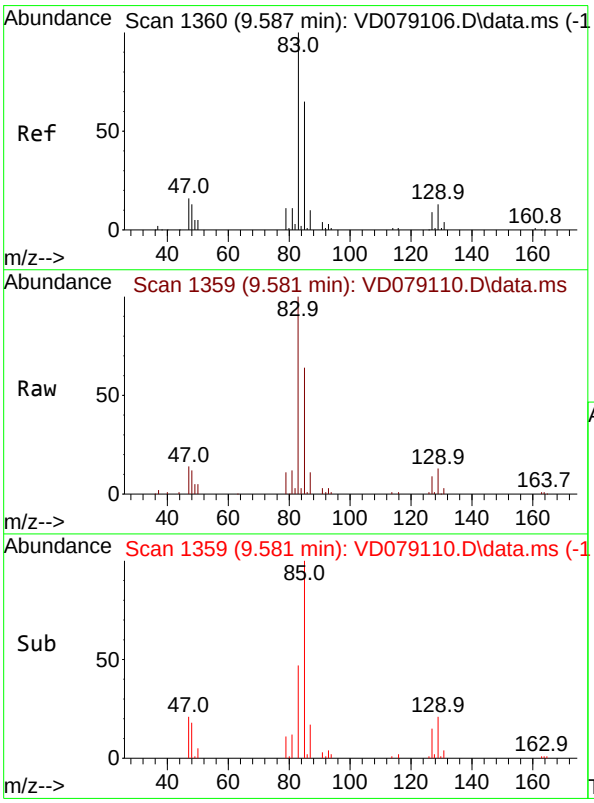
#37
1,2-Dichloropropane
Concen: 26.451 ug/L
RT: 9.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 63 Resp: 75110

Ion	Ratio	Lower	Upper
63	100		
112	4.8	3.9	5.9

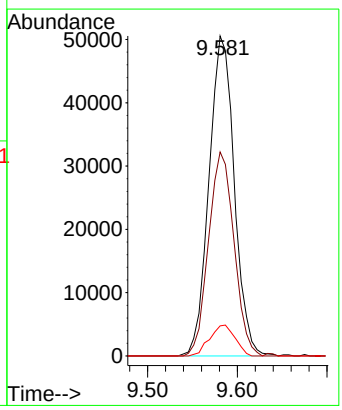


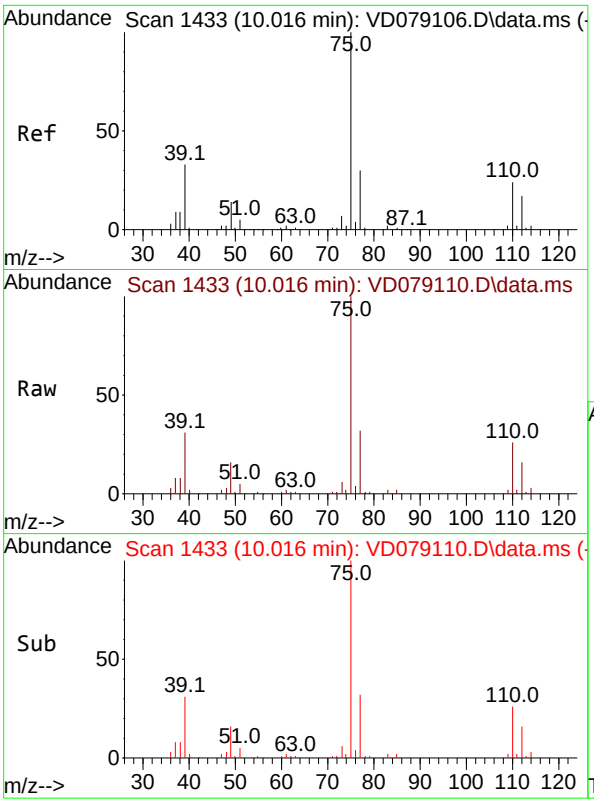


#38
Bromodichloromethane
Concen: 25.088 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 83 Resp: 99034

Ion	Ratio	Lower	Upper
83	100		
85	63.8	46.5	86.5
127	10.5	7.0	10.6



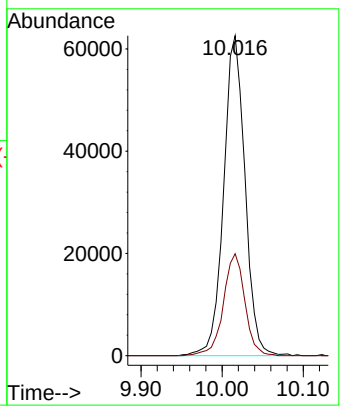


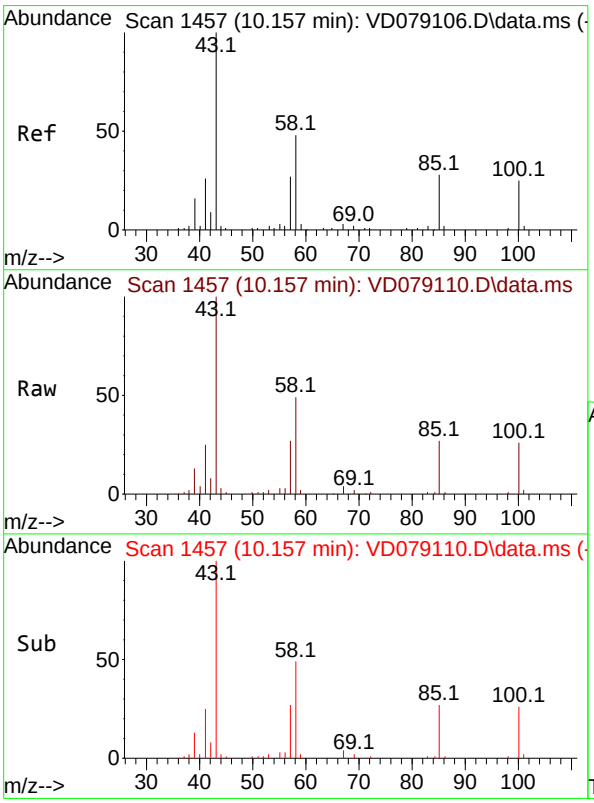
#39
cis-1,3-Dichloropropene
Concen: 25.821 ug/L
RT: 10.016 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 75 Resp: 114458

Ion	Ratio	Lower	Upper
75	100		
77	31.9	23.4	43.4

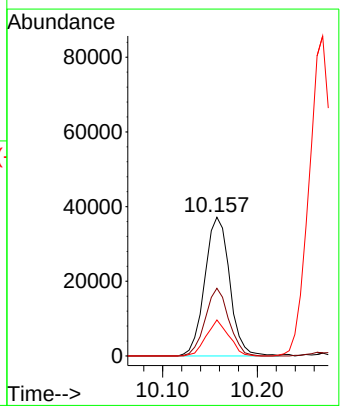


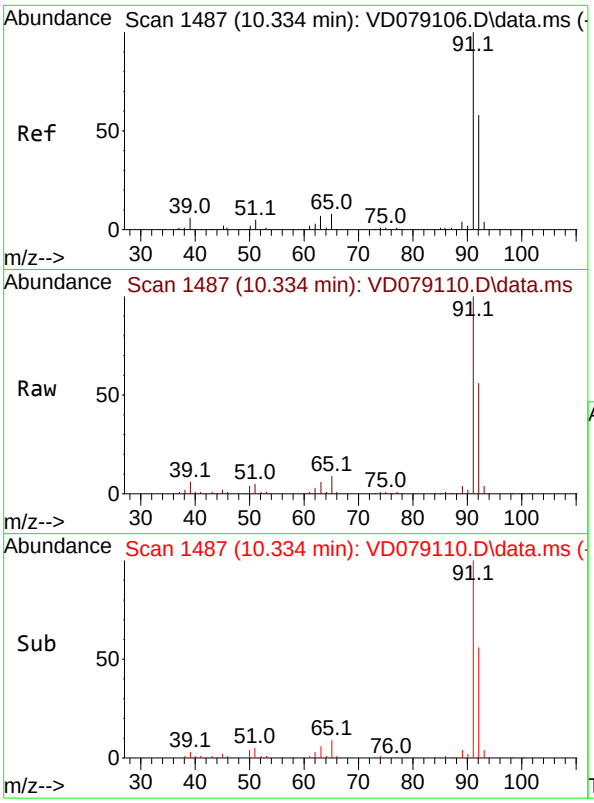


#40
4-Methyl-2-pentanone
Concen: 57.169 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 43 Resp: 67766

Ion	Ratio	Lower	Upper
43	100		
58	46.4	34.0	51.0
100	23.5	16.9	25.3



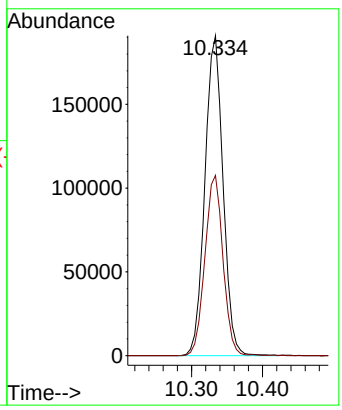


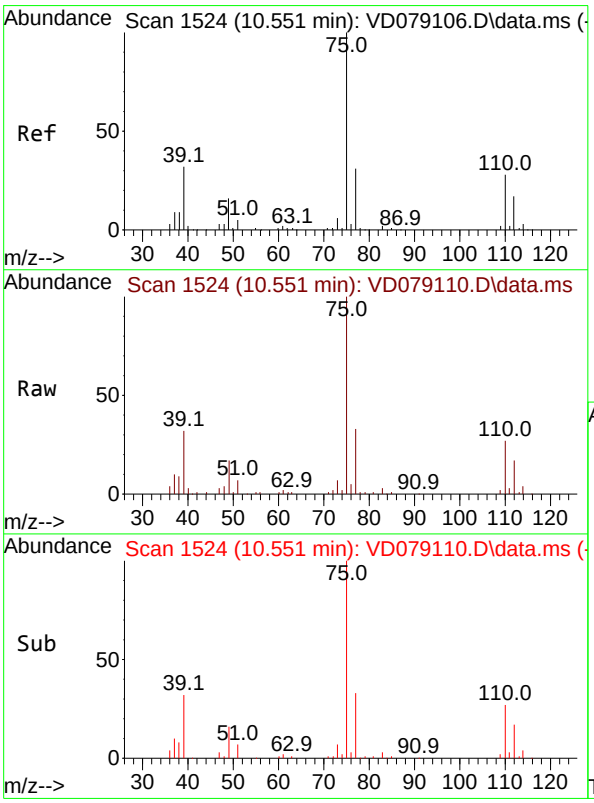
#42
Toluene
Concen: 26.350 ug/L
RT: 10.334 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 91 Resp: 339196

Ion	Ratio	Lower	Upper
91	100		
92	56.3	38.9	72.3

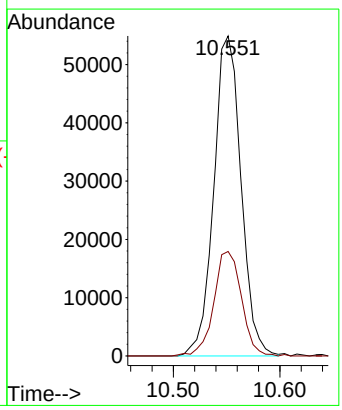


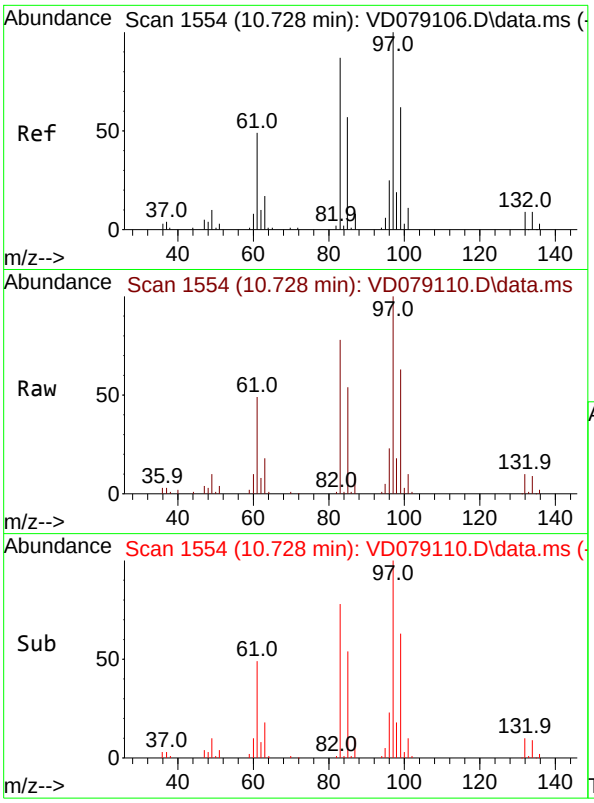


#44
trans-1,3-Dichloropropene
Concen: 26.033 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 75 Resp: 97584

Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.3	45.1



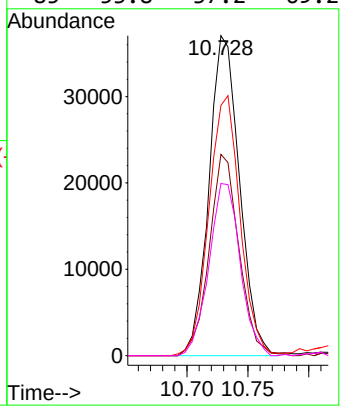


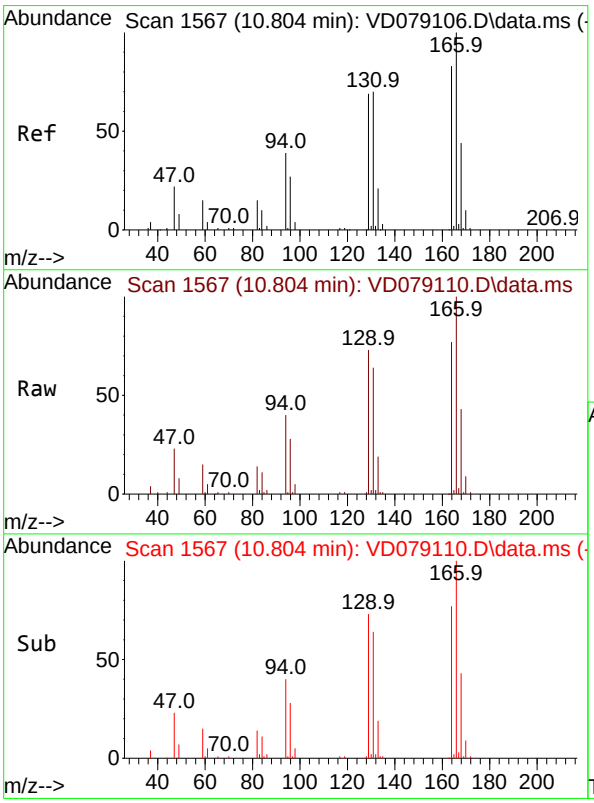
#45
1,1,2-Trichloroethane
Concen: 26.018 ug/L
RT: 10.728 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 97 Resp: 64816

Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.0	79.8
83	78.2	58.9	109.5
85	53.8	37.2	69.2

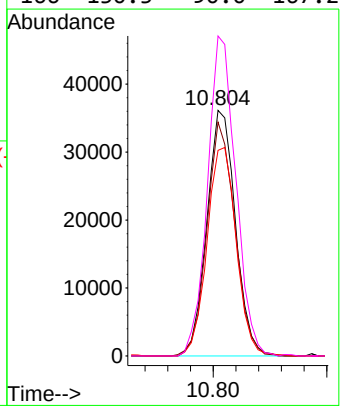


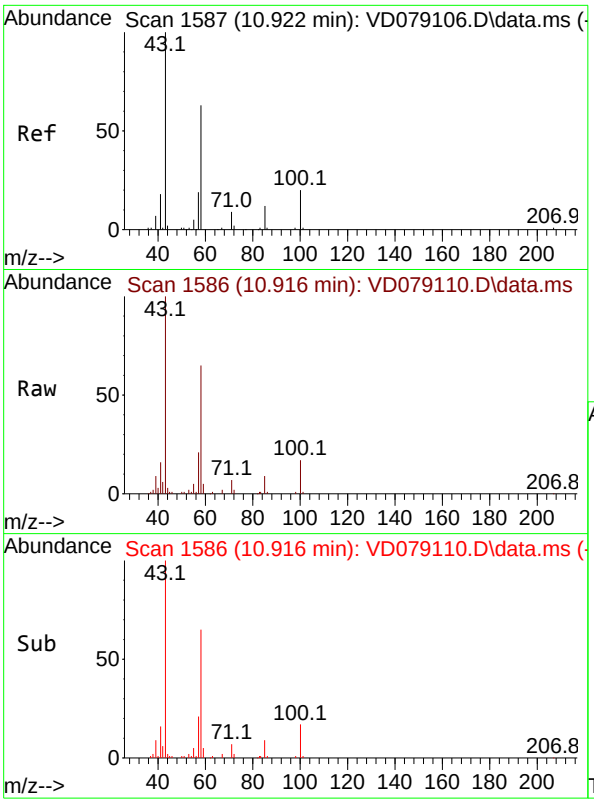


#46
Tetrachloroethene
Concen: 24.047 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:164 Resp: 63221

Ion	Ratio	Lower	Upper
164	100		
129	95.2	64.3	119.5
131	83.7	61.2	113.8
166	130.3	90.0	167.2



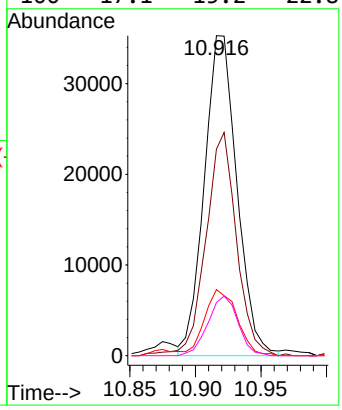


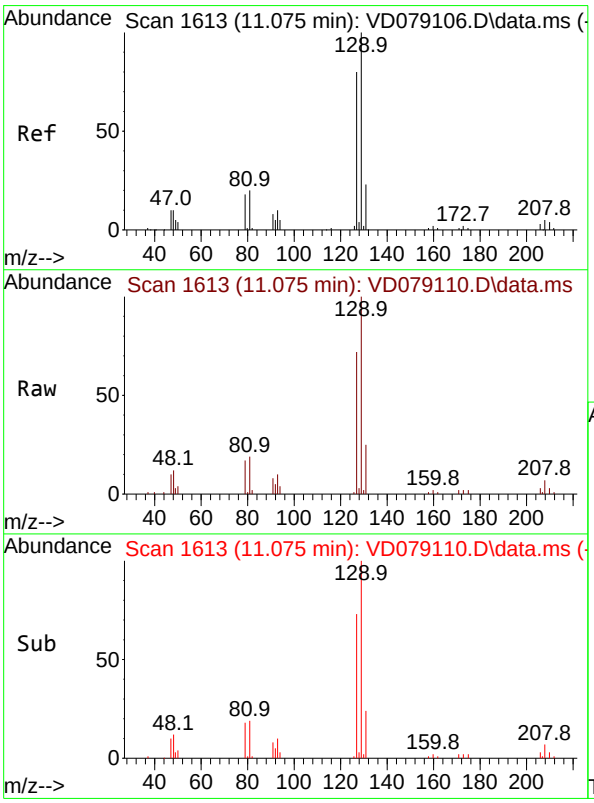
#48
2-Hexanone
Concen: 59.657 ug/L
RT: 10.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 43 Resp: 61191

Ion	Ratio	Lower	Upper
43	100		
58	65.3	50.1	75.1
57	20.4	16.5	24.7
100	17.1	15.2	22.8

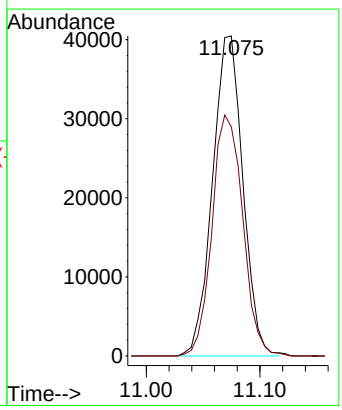


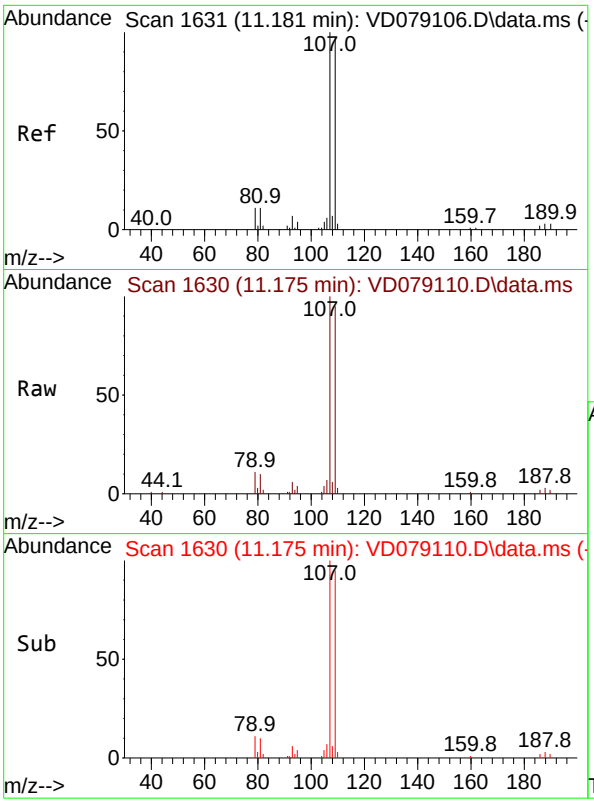


#49
Dibromochloromethane
Concen: 25.495 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:129 Resp: 75212

Ion	Ratio	Lower	Upper
129	100		
127	71.6	56.4	104.7



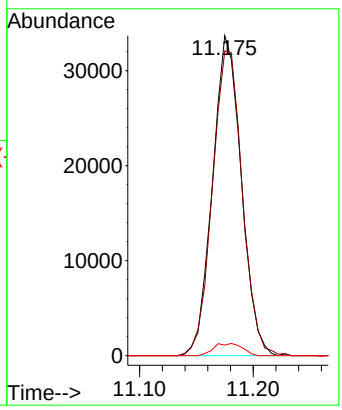


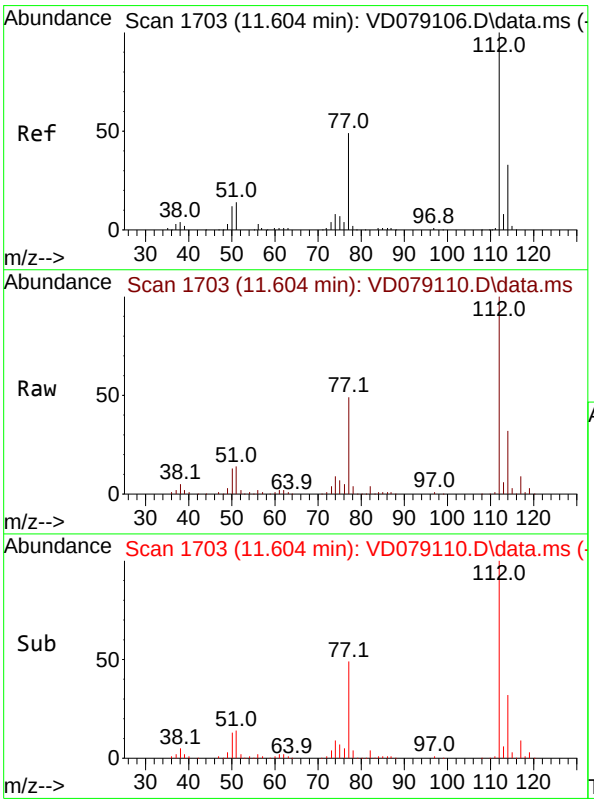
#50
1,2-Dibromoethane
Concen: 25.885 ug/L
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion:107 Resp: 59263

Ion	Ratio	Lower	Upper
107	100		
109	95.2	64.5	119.7
188	3.3	2.6	3.8

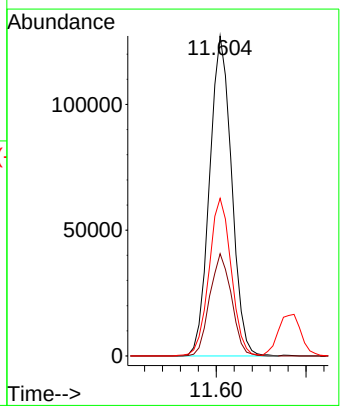


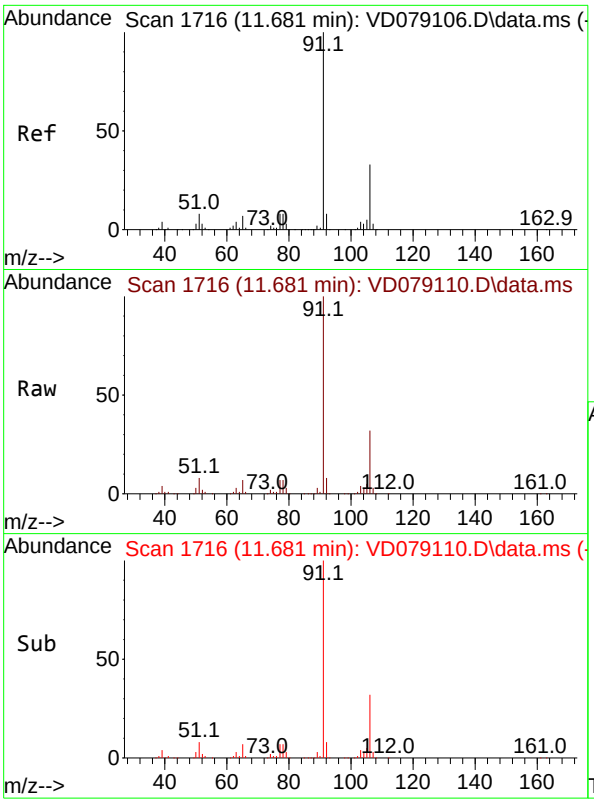


#51
Chlorobenzene
Concen: 25.343 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:112 Resp: 217073

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.7	42.3
77	49.3	38.4	57.6



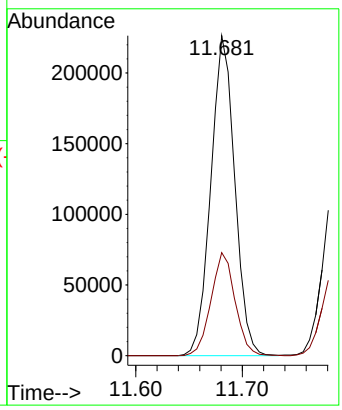


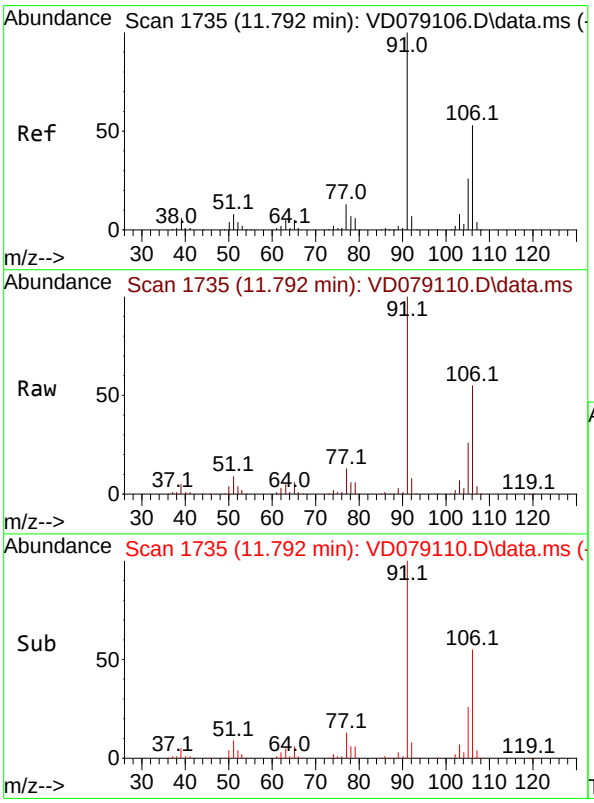
#52
Ethylbenzene
Concen: 26.293 ug/L
RT: 11.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 91 Resp: 353054

Ion	Ratio	Lower	Upper
91	100		
106	32.2	22.3	41.5

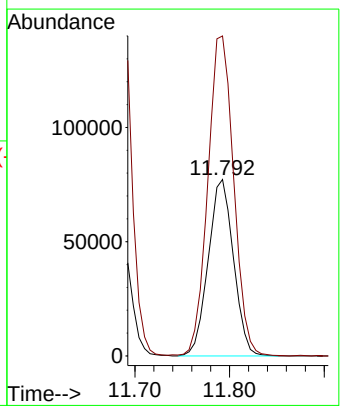


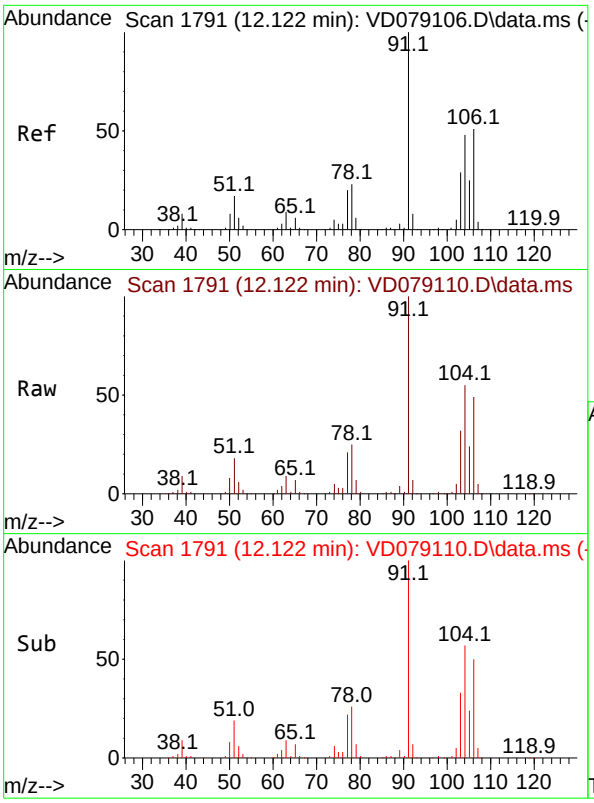


#53
m,p-Xylene
Concen: 27.207 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:106 Resp: 143334

Ion	Ratio	Lower	Upper
106	100		
91	181.2	133.1	247.1



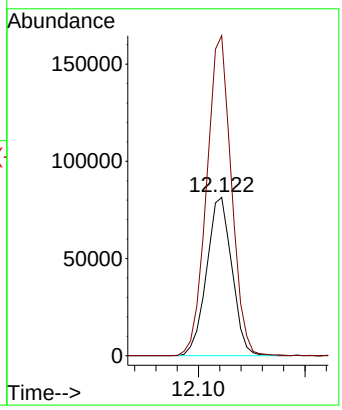


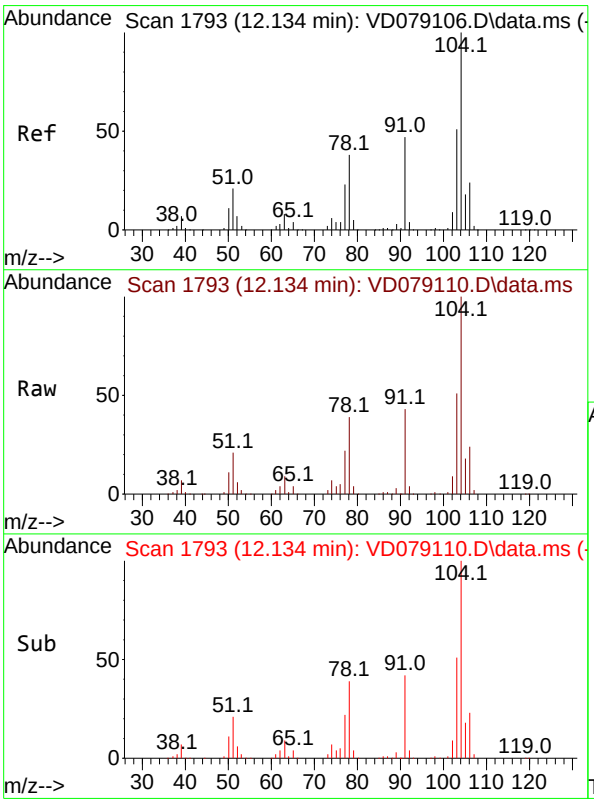
#54
o-Xylene
Concen: 26.379 ug/L
RT: 12.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion:106 Resp: 134266

Ion	Ratio	Lower	Upper
106	100		
91	202.2	132.9	246.9

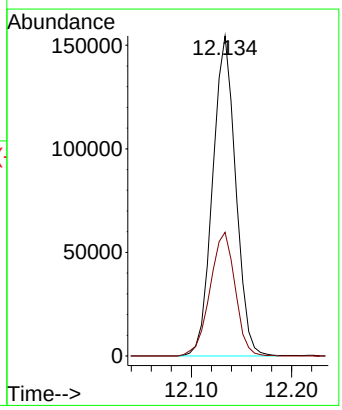


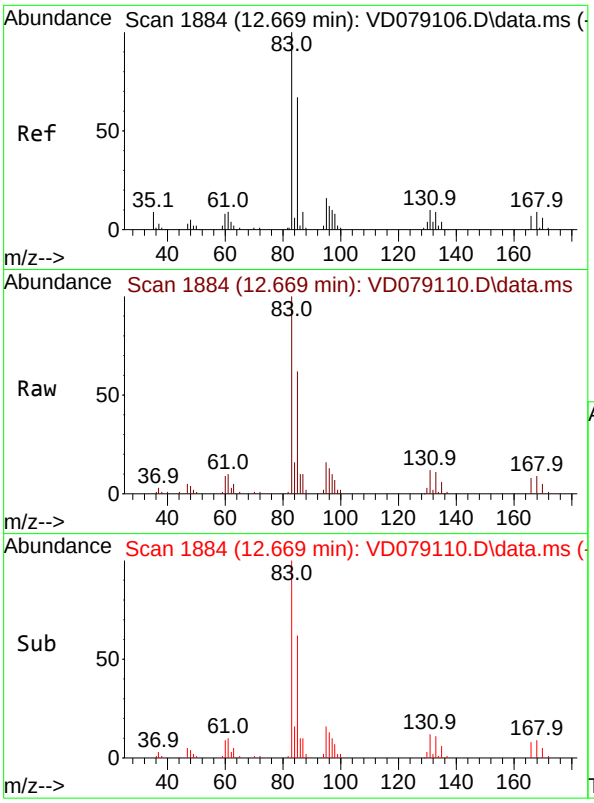


#55
Styrene
Concen: 27.247 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:104 Resp: 245897

Ion	Ratio	Lower	Upper
104	100		
78	38.7	27.8	51.6



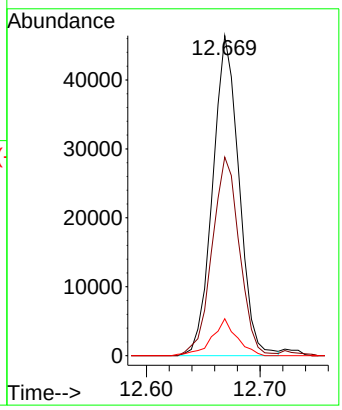


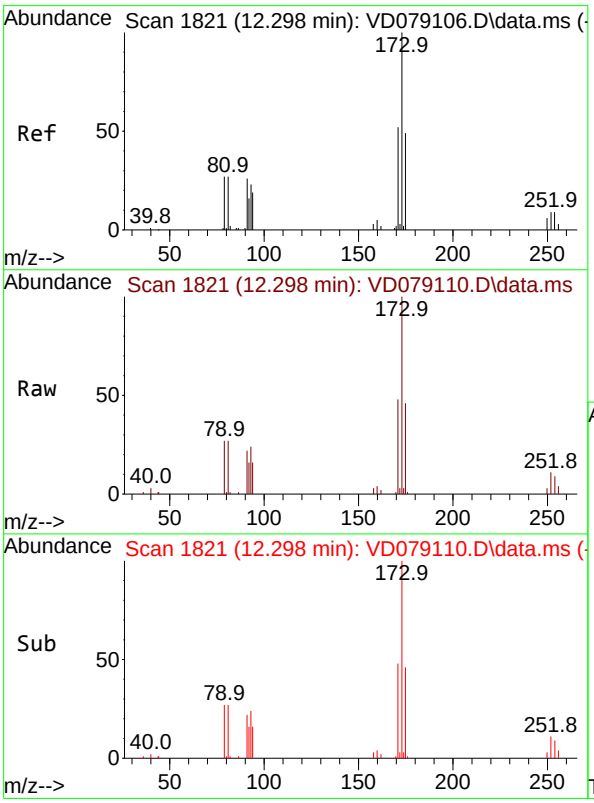
#57
1,1,2,2-Tetrachloroethane
Concen: 26.785 ug/L
RT: 12.669 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion: 83 Resp: 74691

Ion	Ratio	Lower	Upper
83	100		
85	62.1	47.5	88.1
131	11.6	8.6	13.0

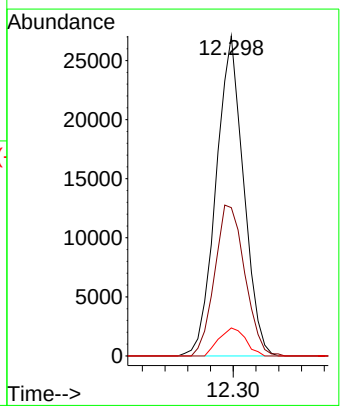


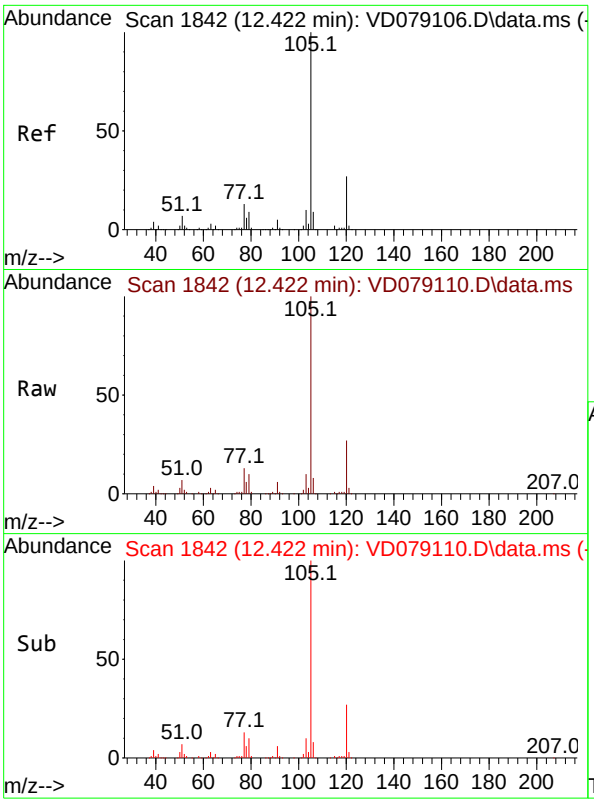


#59
Bromoform
Concen: 24.177 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:173 Resp: 45568

Ion	Ratio	Lower	Upper
173	100		
175	51.5	38.2	57.4
254	8.5	7.0	10.6



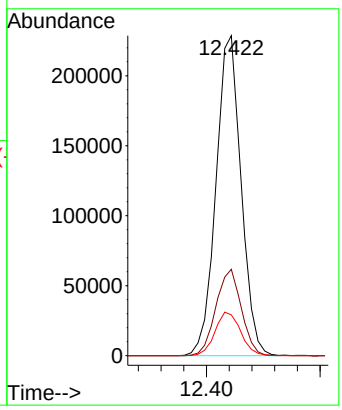


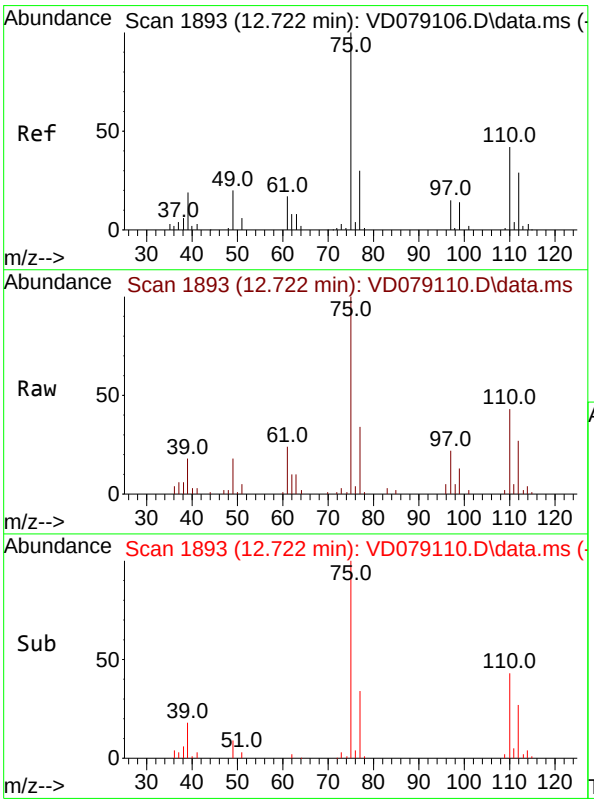
#60
Isopropylbenzene
Concen: 25.819 ug/L
RT: 12.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion:105 Resp: 351083

Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.9	32.9
77	13.9	10.9	16.3

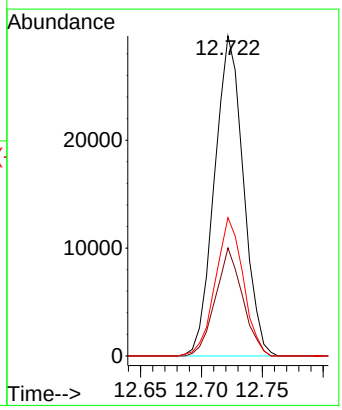


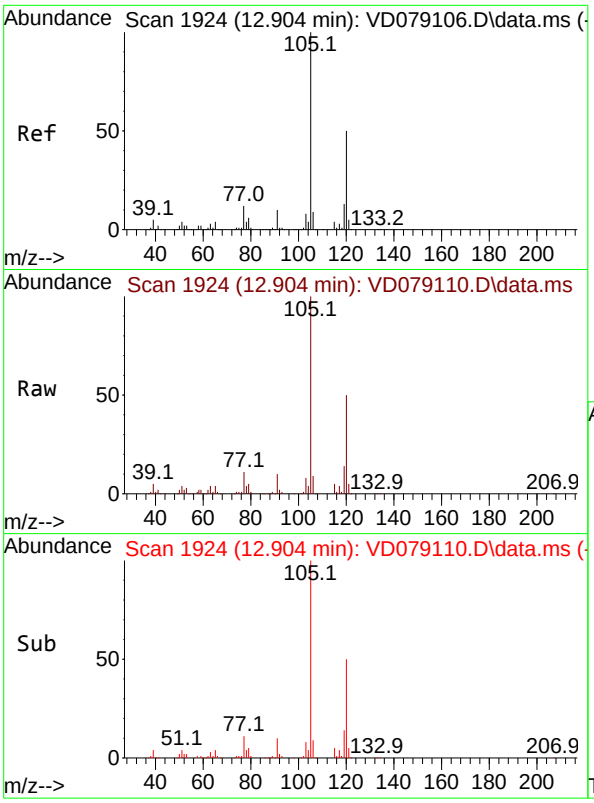


#61
1,2,3-Trichloropropane
Concen: 26.978 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 75 Resp: 48982

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.9	38.9
110	41.7	34.2	51.4



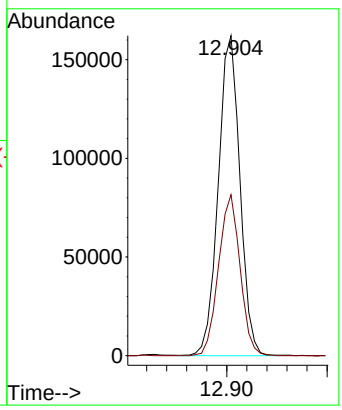


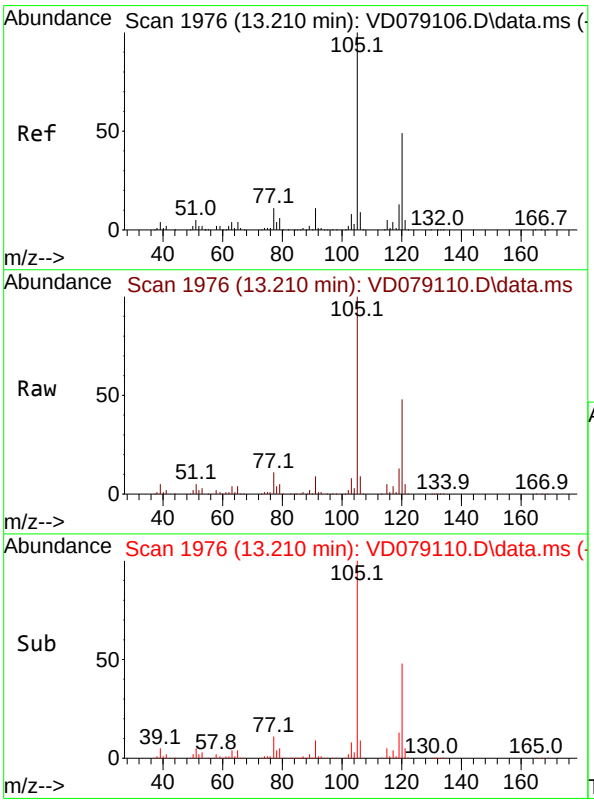
#62
1,3,5-Trimethylbenzene
Concen: 26.093 ug/L
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion:105 Resp: 242597

Ion	Ratio	Lower	Upper
105	100		
120	49.9	40.7	61.1

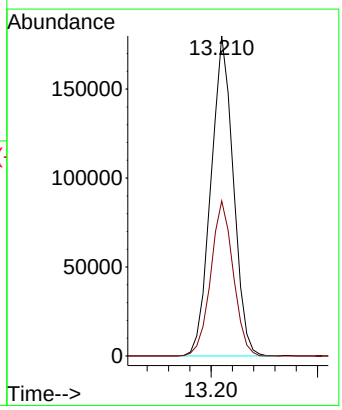


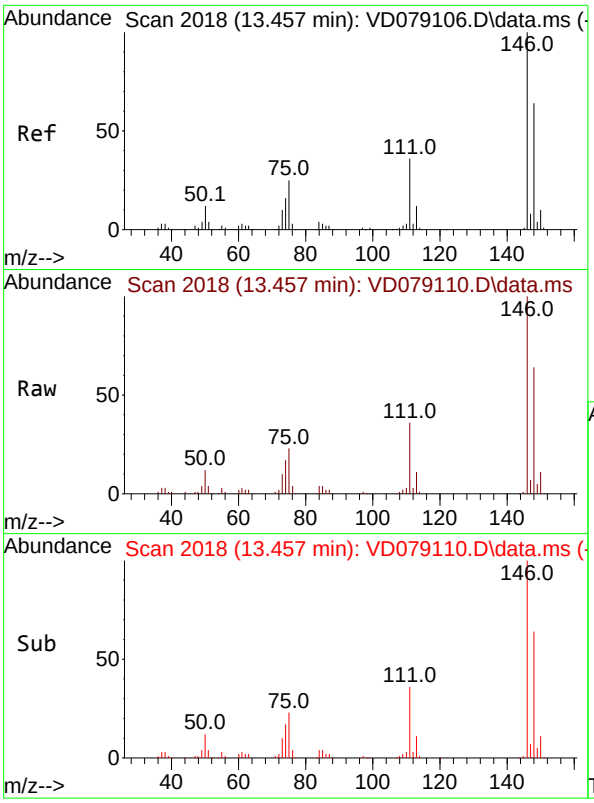


#63
1,2,4-Trimethylbenzene
Concen: 26.402 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:105 Resp: 262545

Ion	Ratio	Lower	Upper
105	100		
120	48.4	38.0	57.0



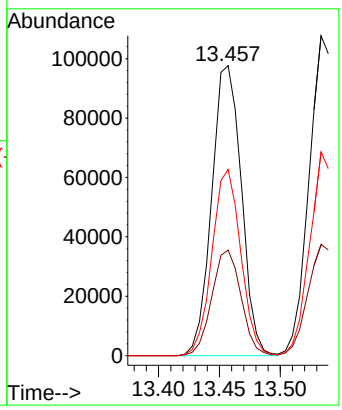


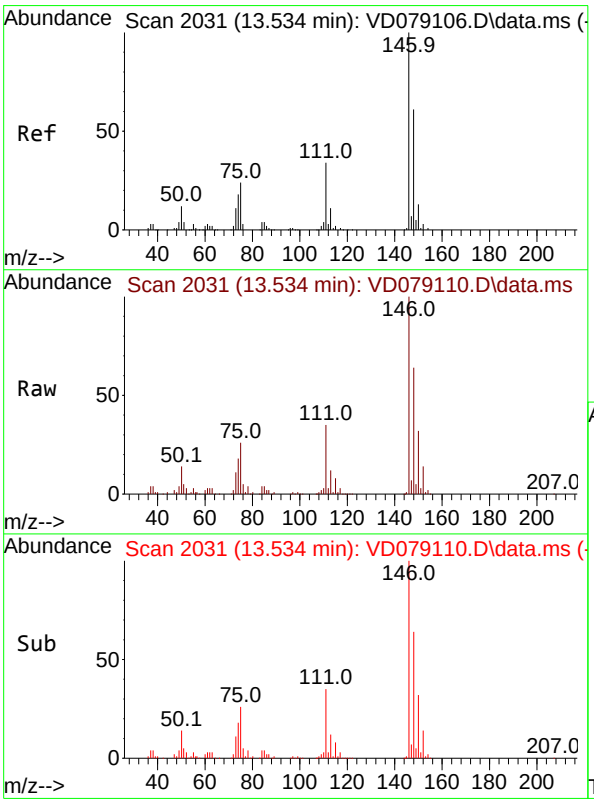
#64
1,3-Dichlorobenzene
Concen: 25.362 ug/L
RT: 13.457 min Scan# 2
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion:146 Resp: 165674

Ion	Ratio	Lower	Upper
146	100		
111	36.4	24.4	45.4
148	64.2	44.9	83.3

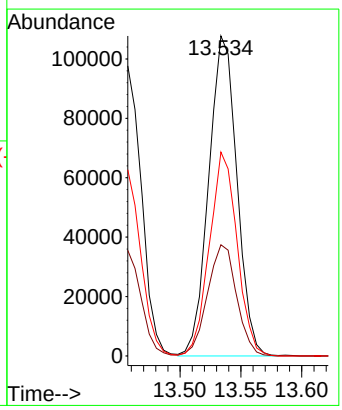


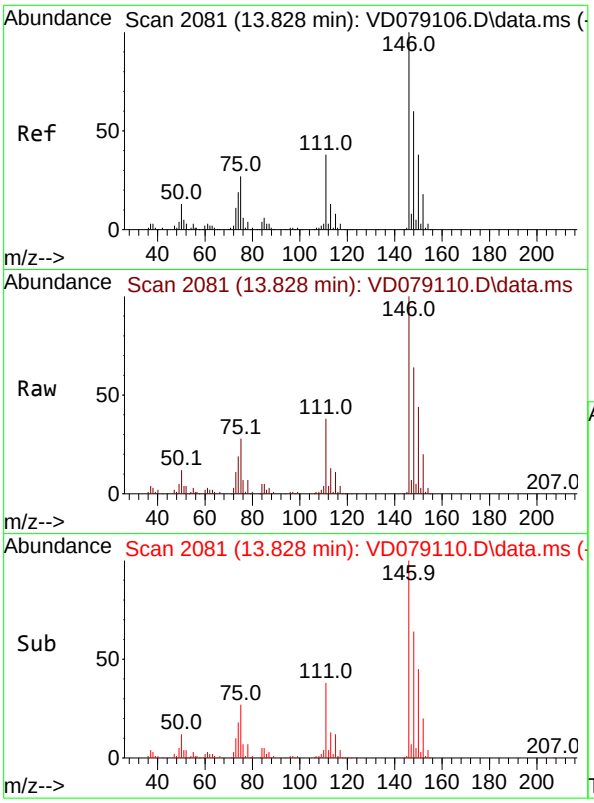


#65
1,4-Dichlorobenzene
Concen: 25.098 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:146 Resp: 173715

Ion	Ratio	Lower	Upper
146	100		
111	34.7	26.3	48.9
148	63.7	43.1	80.1



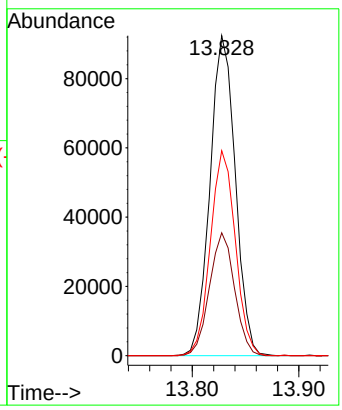


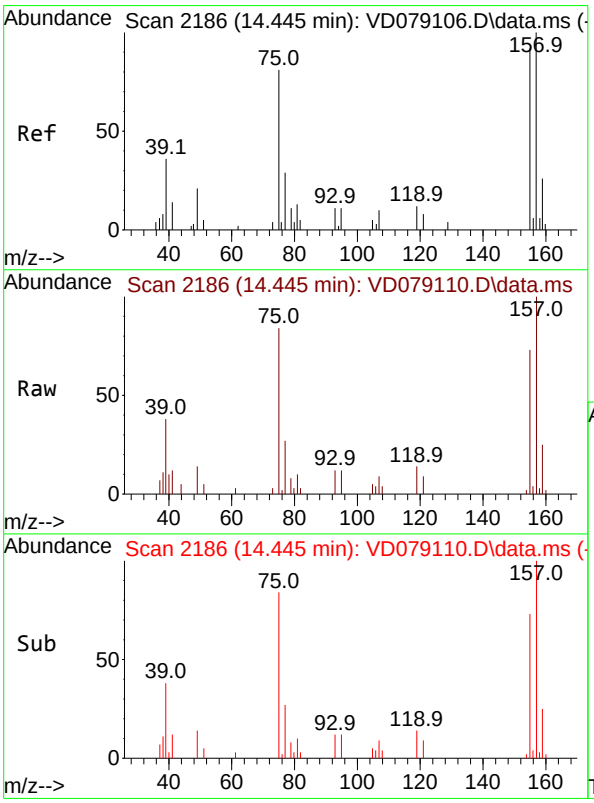
#67
1,2-Dichlorobenzene
Concen: 25.262 ug/L
RT: 13.828 min Scan# 2
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion:146 Resp: 152552

Ion	Ratio	Lower	Upper
146	100		
111	38.4	29.1	43.7
148	64.0	51.2	76.8

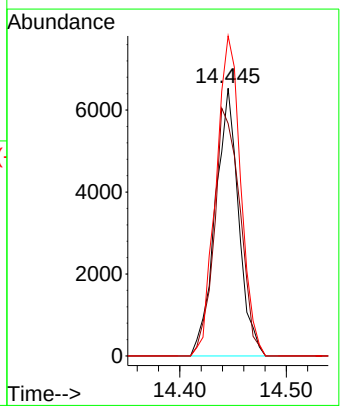


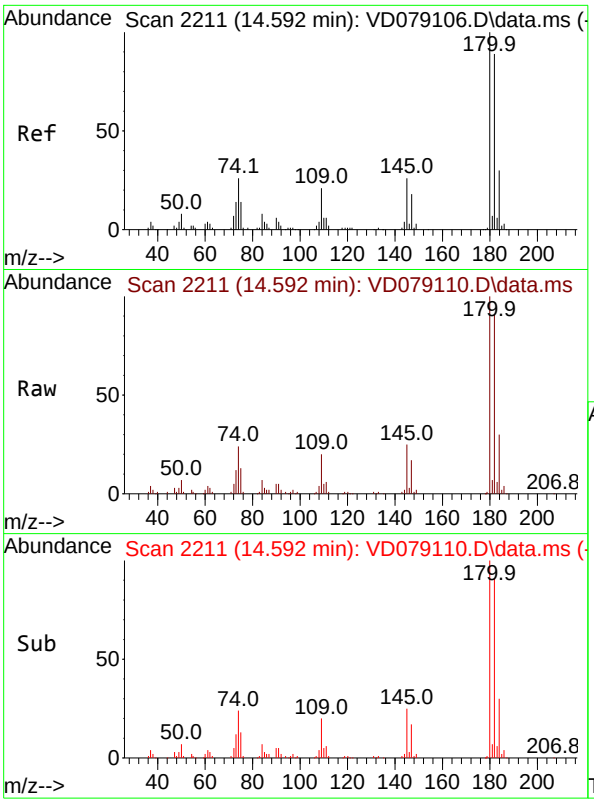


#68
1,2-Dibromo-3-chloropropane
Concen: 26.648 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 75 Resp: 9946

Ion	Ratio	Lower	Upper
75	100		
155	86.9	68.1	102.1
157	119.5	91.6	137.4



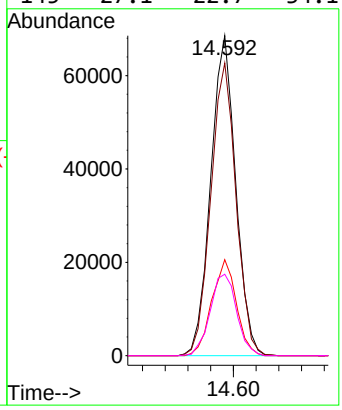


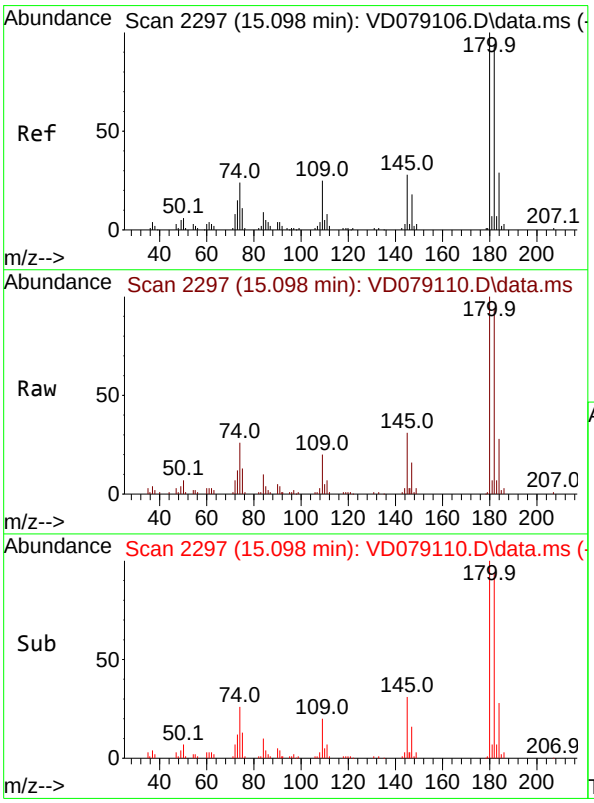
#69
1,3,5-Trichlorobenzene
Concen: 25.396 ug/L
RT: 14.592 min Scan# 2
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion:180 Resp: 104631

Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.9	115.3
184	29.5	23.3	34.9
145	27.1	22.7	34.1

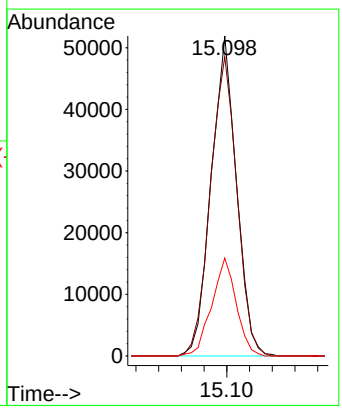


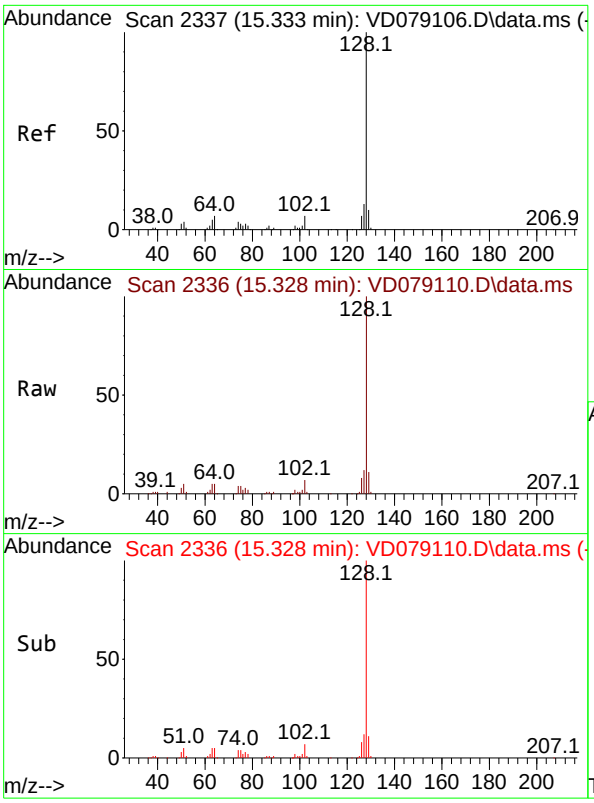


#70
1,2,4-trichlorobenzene
Concen: 23.406 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:180 Resp: 80089

Ion	Ratio	Lower	Upper
180	100		
182	98.3	73.8	110.6
145	29.7	22.3	33.5



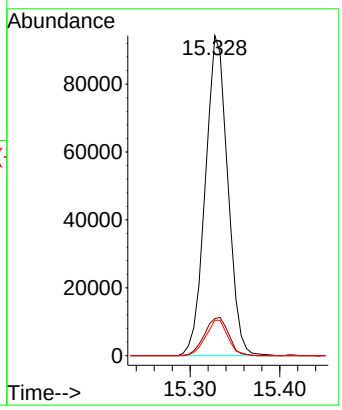


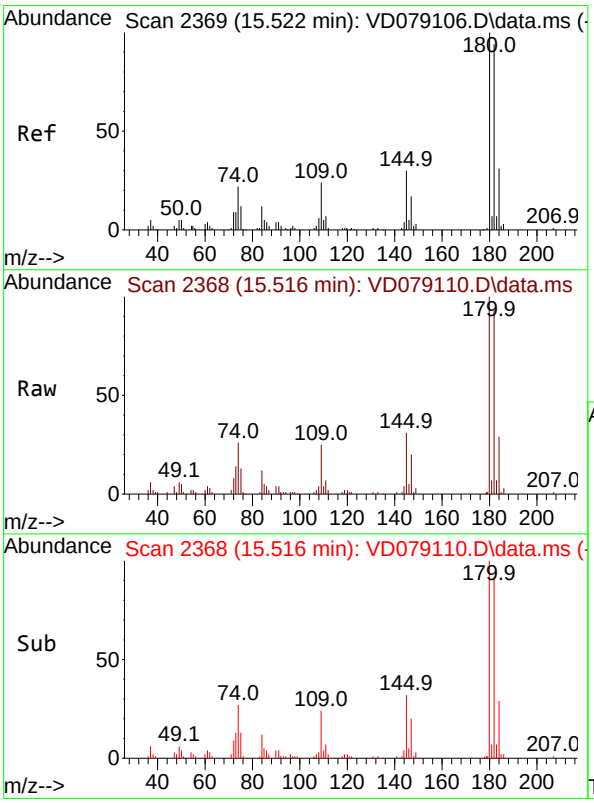
#71
Naphthalene
Concen: 25.518 ug/L
RT: 15.328 min Scan# 2
Delta R.T. -0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
A4C18MSD

Tgt Ion:128 Resp: 163293

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.8	16.2
129	11.1	8.5	12.7





#72
1,2,3-Trichlorobenzene
Concen: 26.240 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:180 Resp: 77600

Ion	Ratio	Lower	Upper
180	100		
182	95.1	79.4	119.2
145	30.4	24.7	37.1