Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
Data File : VX033490.D
Acq On : 19 Dec 2022 17:26
Operator : JC/MD
Sample : PB149722ZHE#19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 20 05:02:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	111233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184520	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37144	52.052	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.100%			
35) Dibromofluoromethane	5.385	113	41069	49.485	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.960%			
50) Toluene-d8	8.647	98	86710	49.943	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.880%			
62) 4-Bromofluorobenzene	11.079	95	66752	50.284	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.560%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.934	59	1195	5.477	ug/l #	72
16) Acetone	2.380	43	27952	52.935	ug/l	98
18) Methyl Acetate	2.703	43	1625	1.063	ug/l #	89
20) Methylene Chloride	2.788	84	6813	5.785	ug/l	86
25) 2-Butanone	4.562	43	4028	5.314	ug/l	97
29) Tetrahydrofuran	5.044	42	148	0.301	ug/l #	31
31) Cyclohexane	5.550	56	2228	1.314	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	8409	5.197	ug/l #	51
37) Ethyl Acetate	4.715	43	15394	10.064	ug/l	99
38) Carbon Tetrachloride	5.550	117	11273	6.218	ug/l #	16
43) Isopropyl Acetate	6.342	43	71815	29.181	ug/l	98
48) Methyl methacrylate	7.799	41	69331	54.584	ug/l #	42
49) 1,4-Dioxane	7.787	88	80	2.762	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	62989	40.472	ug/l #	47
53) t-1,3-Dichloropropene	8.952	75	613	2.808	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	27529	14.439	ug/l #	59
56) Ethyl methacrylate	9.244	69	651	0.361	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4054	1.968	ug/l #	42
59) 2-Hexanone	9.482	43	50560	44.083	ug/l #	52
74) N-amyl acetate	10.640	43	18732	9.838	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	34021	21.718	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34021	67.558	ug/l #	6

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

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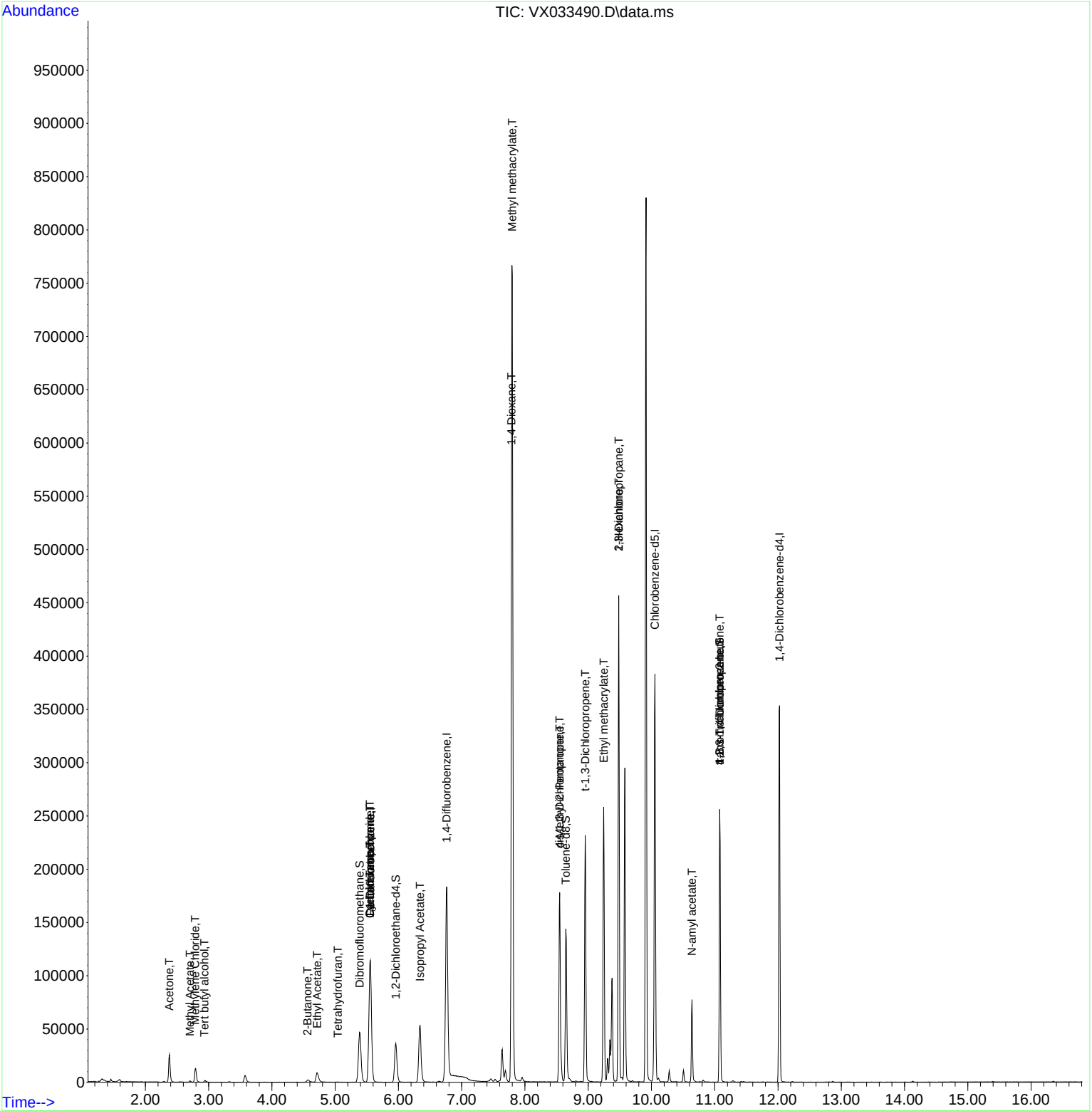
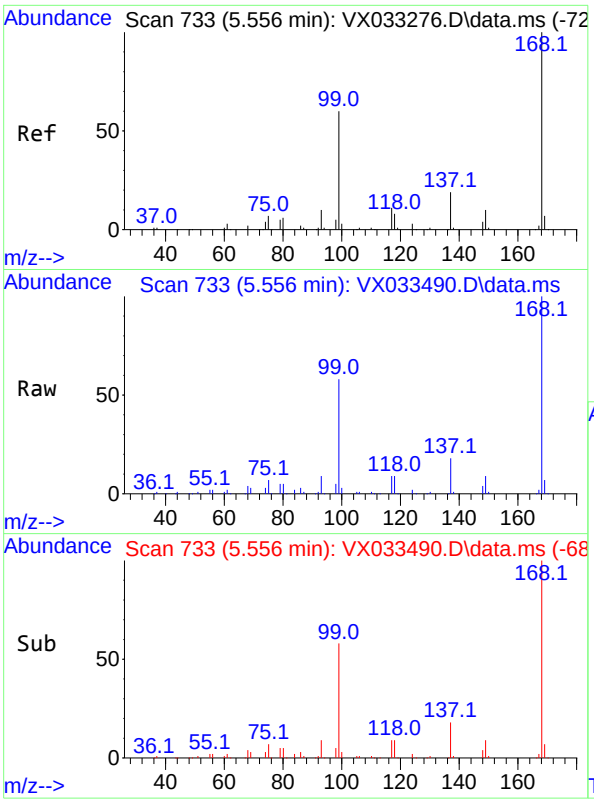
Quant Time: Dec 20 05:02:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration



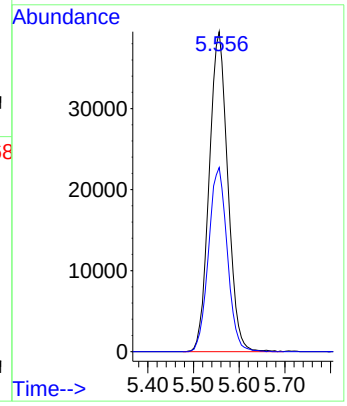


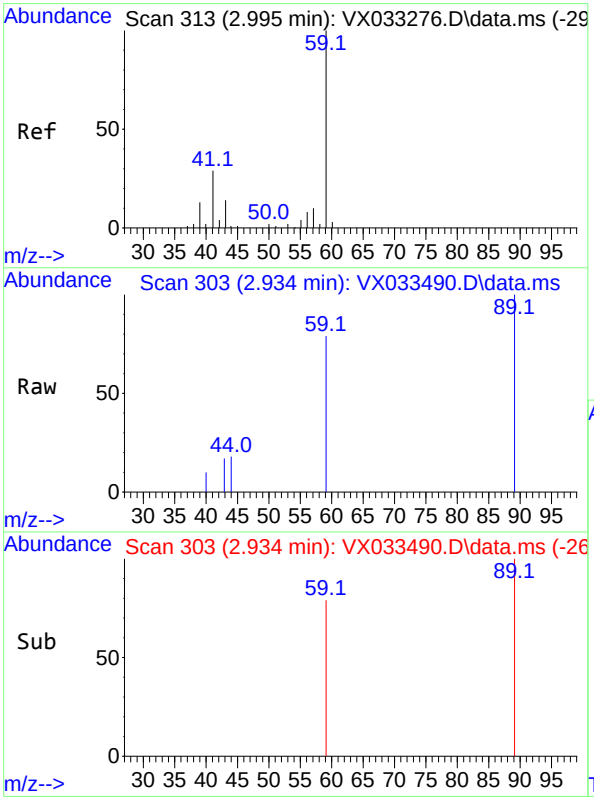
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 111233

Ion	Ratio	Lower	Upper
168	100		
99	57.6	46.1	69.1

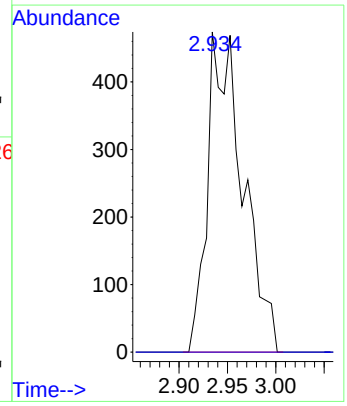


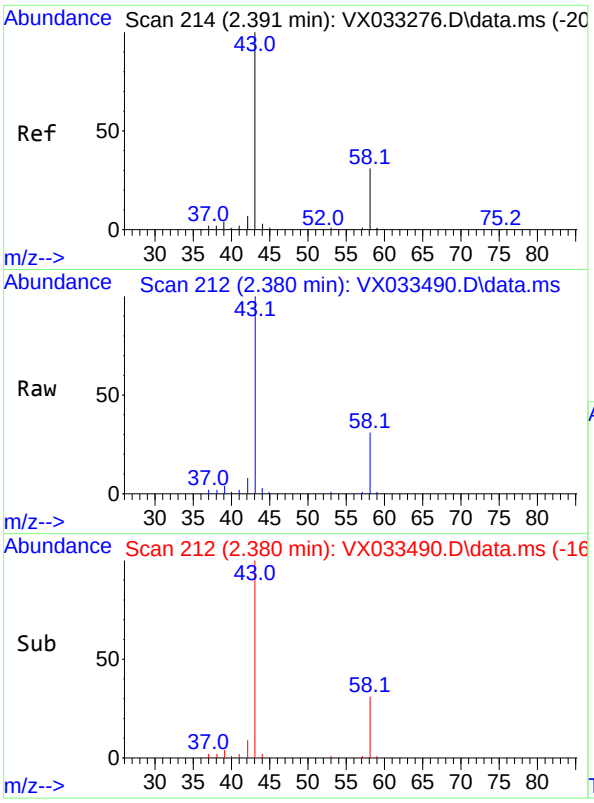


#11
Tert butyl alcohol
Concen: 5.477 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 59 Resp: 1195

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



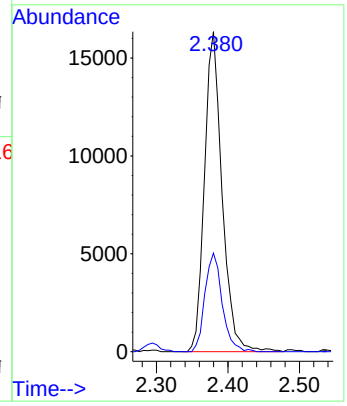


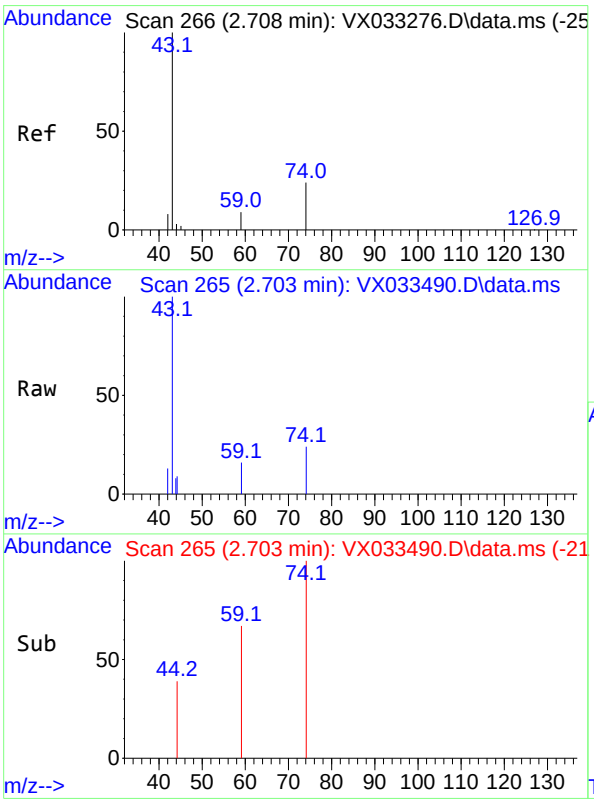
#16
Acetone
Concen: 52.935 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 27952

Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.8	35.8

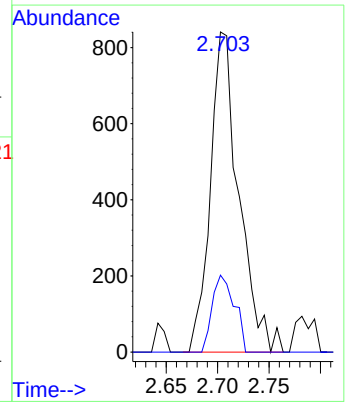


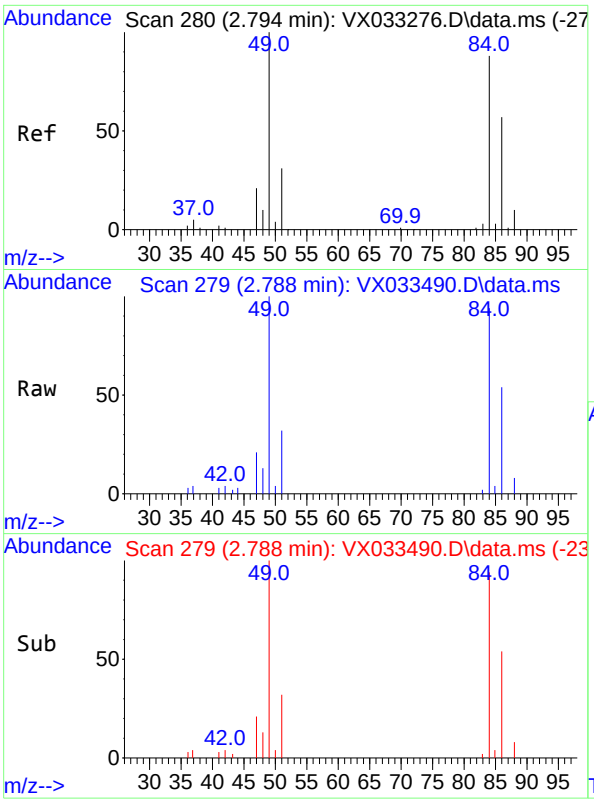


#18
Methyl Acetate
Concen: 1.063 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 43 Resp: 1625

Ion	Ratio	Lower	Upper
43	100		
74	18.7	19.4	29.0#



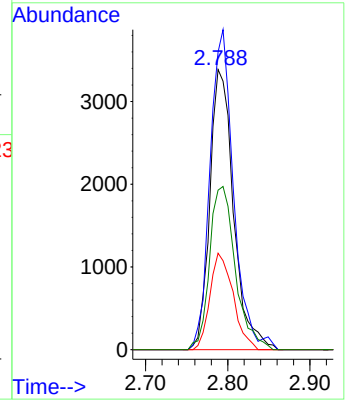


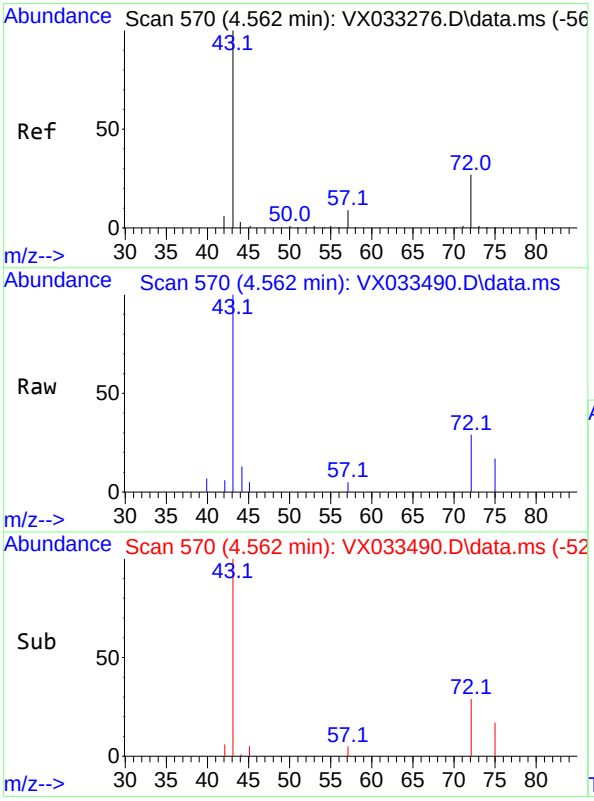
#20
Methylene Chloride
Concen: 5.785 ug/l
RT: 2.788 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 6813

Ion	Ratio	Lower	Upper
84	100		
49	106.2	101.0	151.6
51	34.4	31.1	46.7
86	56.9	52.3	78.5

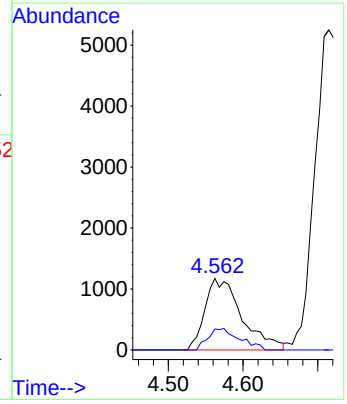


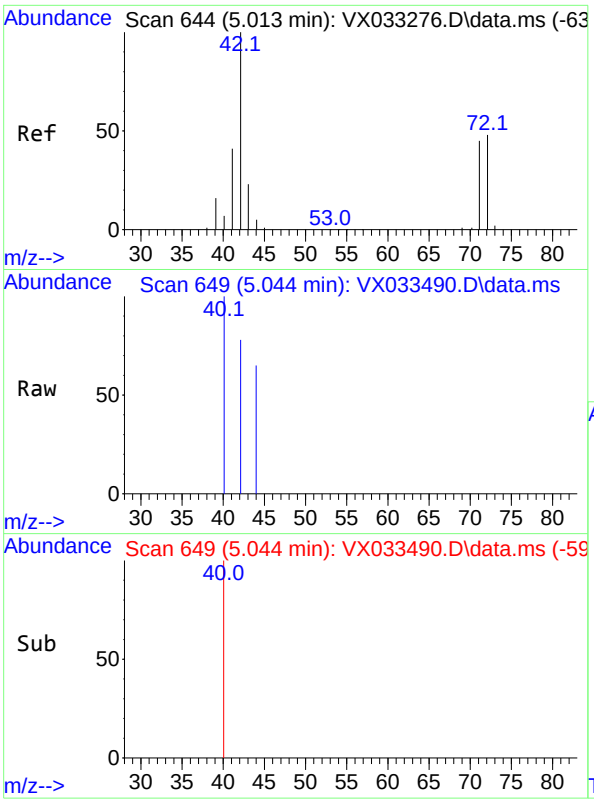


#25
2-Butanone
Concen: 5.314 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 43 Resp: 4028

Ion	Ratio	Lower	Upper
43	100		
72	29.3	22.2	33.2



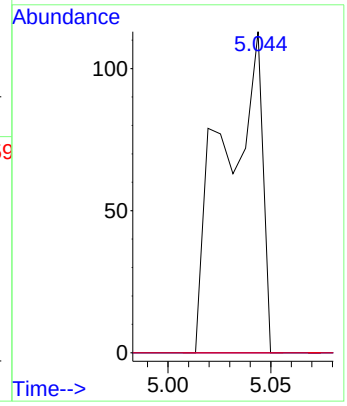


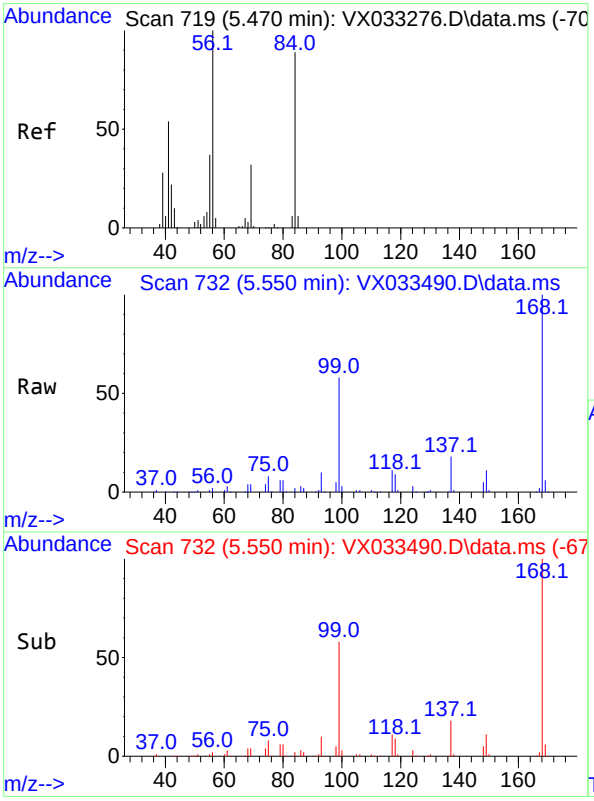
#29
Tetrahydrofuran
Concen: 0.301 ug/l
RT: 5.044 min Scan# 64
Delta R.T. 0.031 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 148

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.6	56.4#
71	0.0	34.7	52.1#

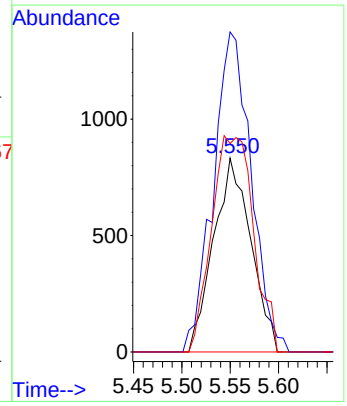


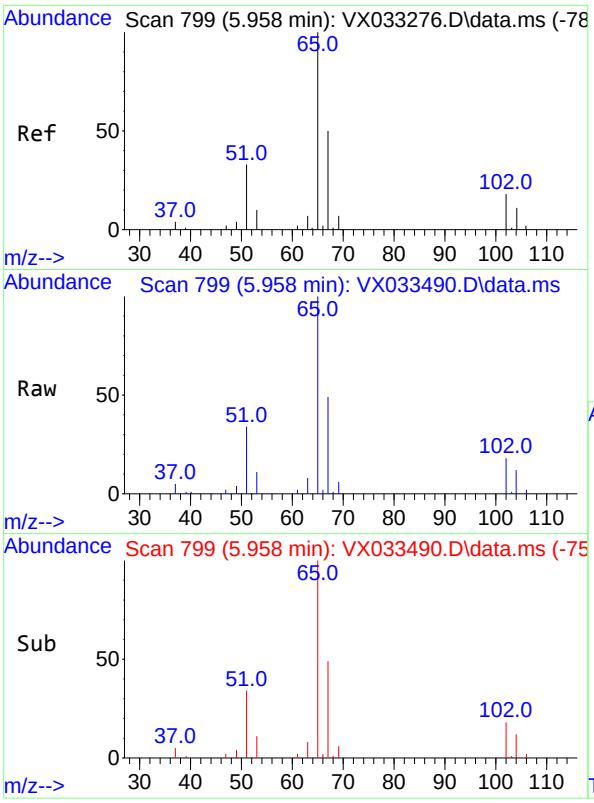


#31
Cyclohexane
Concen: 1.314 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 56 Resp: 2228

Ion	Ratio	Lower	Upper
56	100		
69	165.1	24.1	36.1#
84	107.6	66.9	100.3#



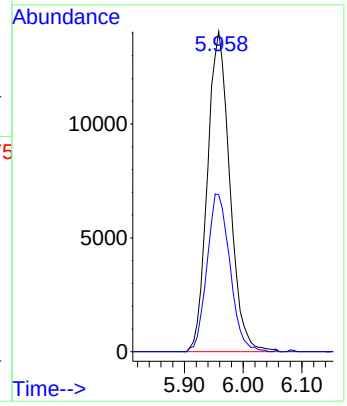


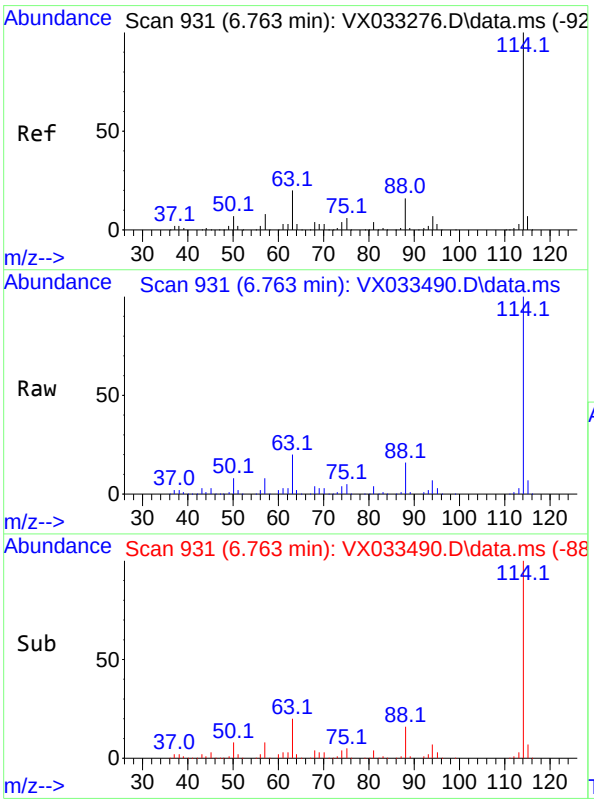
#33
1,2-Dichloroethane-d4
Concen: 52.052 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 37144

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.8

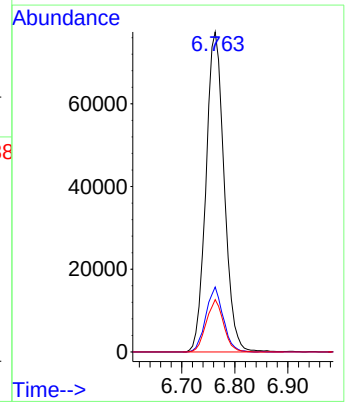


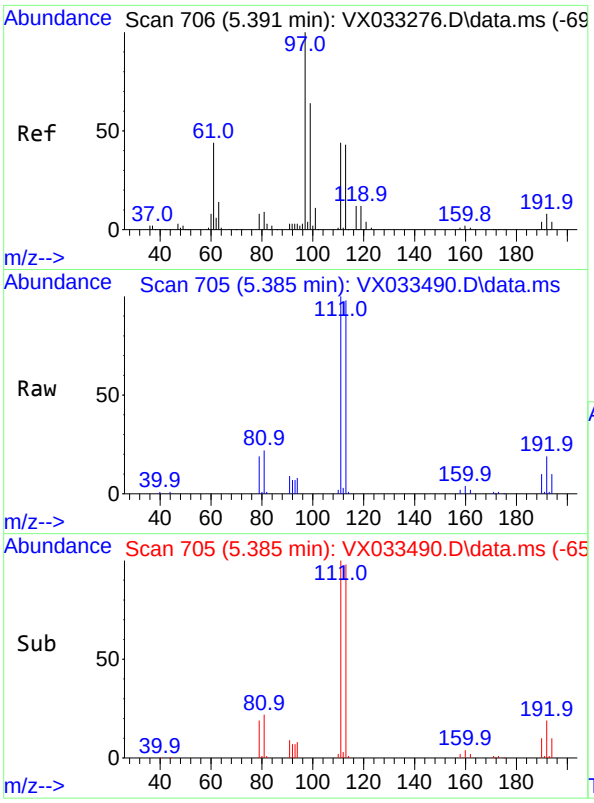


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion:114 Resp: 184520

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.6
88	16.3	0.0	33.4



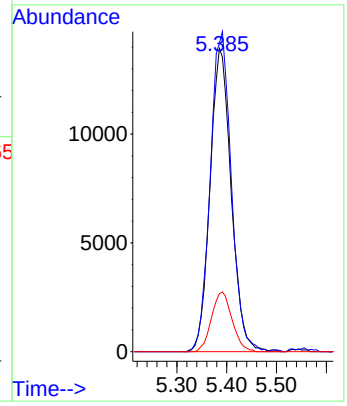


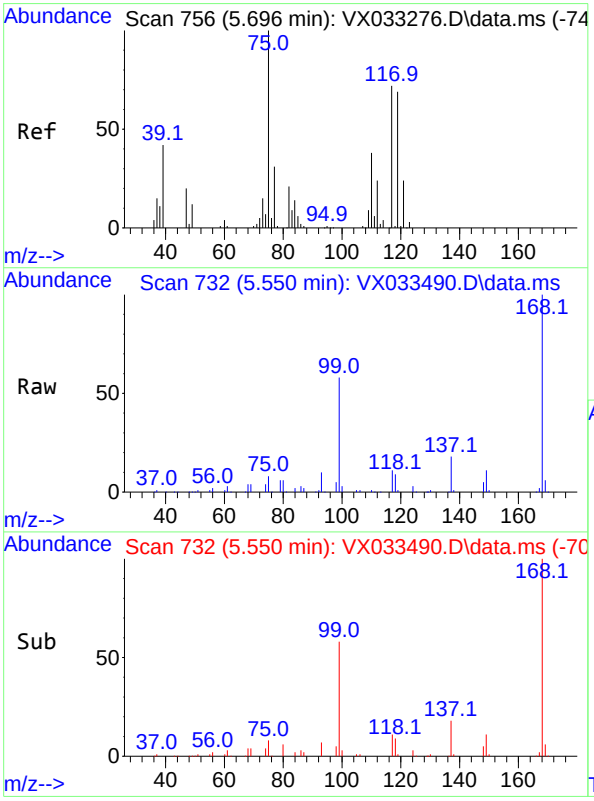
#35
Dibromofluoromethane
Concen: 49.485 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 41069

Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.4	123.6
192	19.1	15.4	23.2

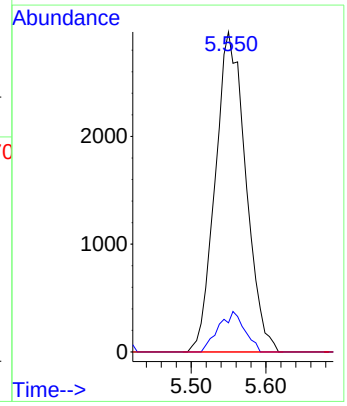


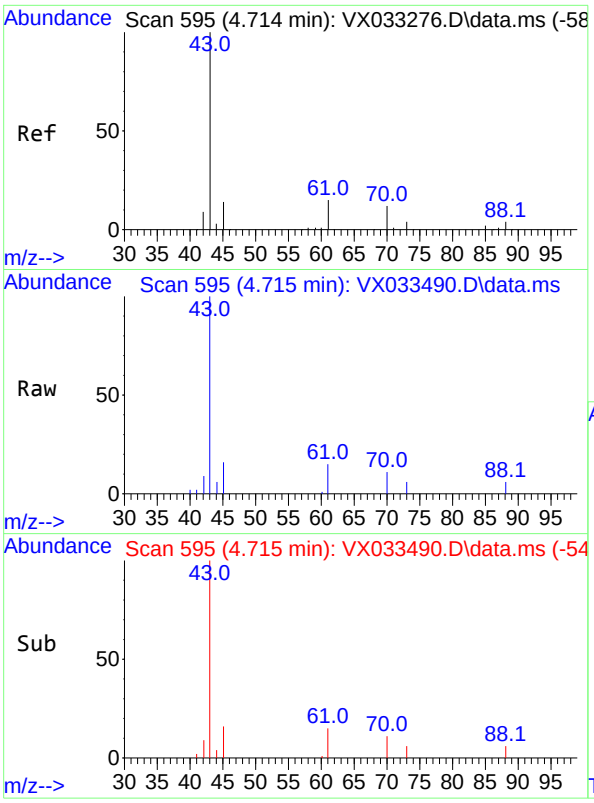


#36
1,1-Dichloropropene
Concen: 5.197 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 75 Resp: 8409

Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.4	55.2#
77	0.0	24.5	36.7#



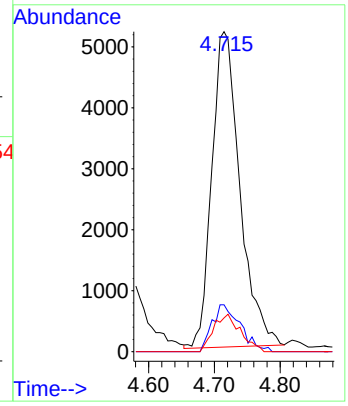


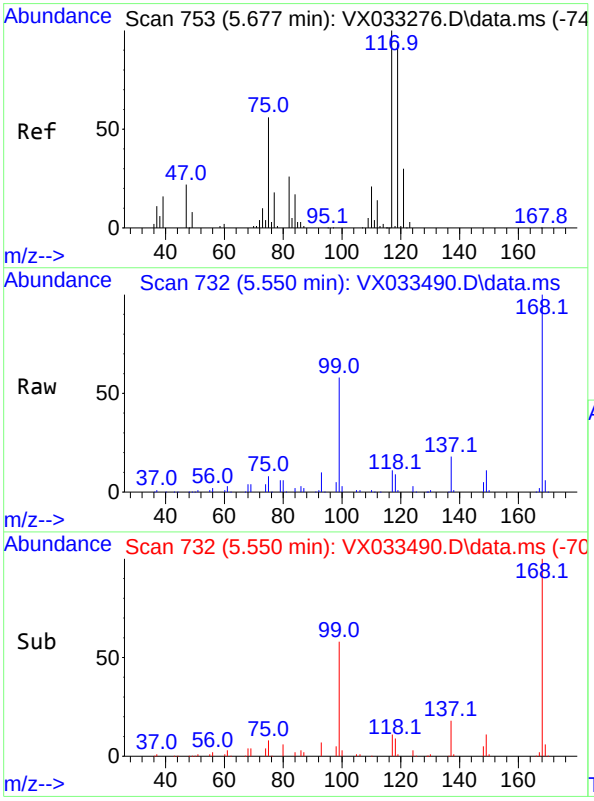
#37
Ethyl Acetate
Concen: 10.064 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 15394

Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	11.3	9.1	13.7

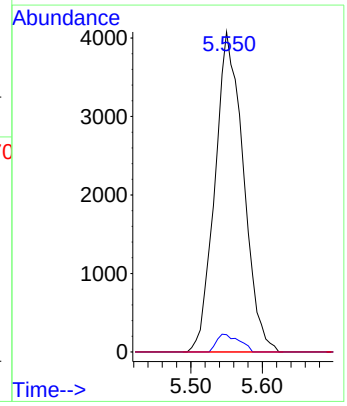


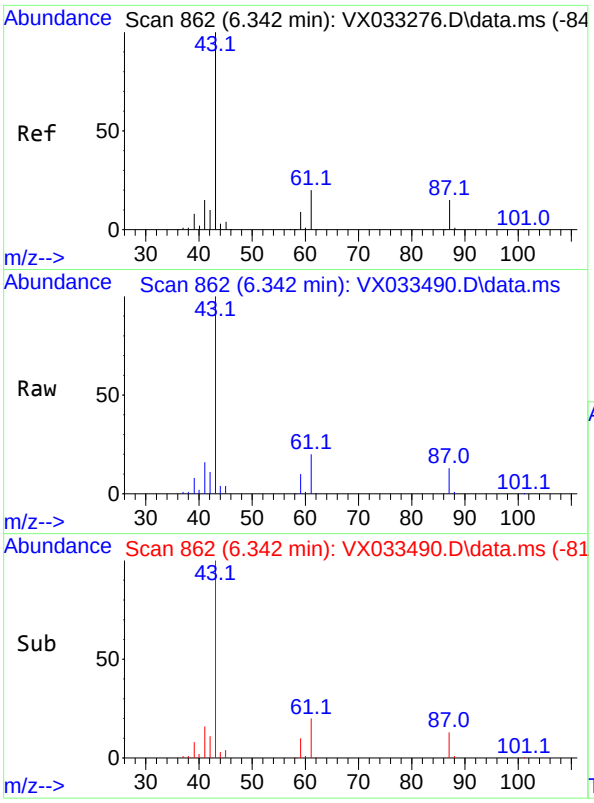


#38
Carbon Tetrachloride
Concen: 6.218 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion:117 Resp: 11273

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.2	115.8#
121	0.0	25.8	38.6#



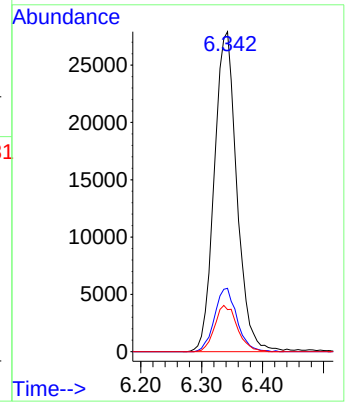


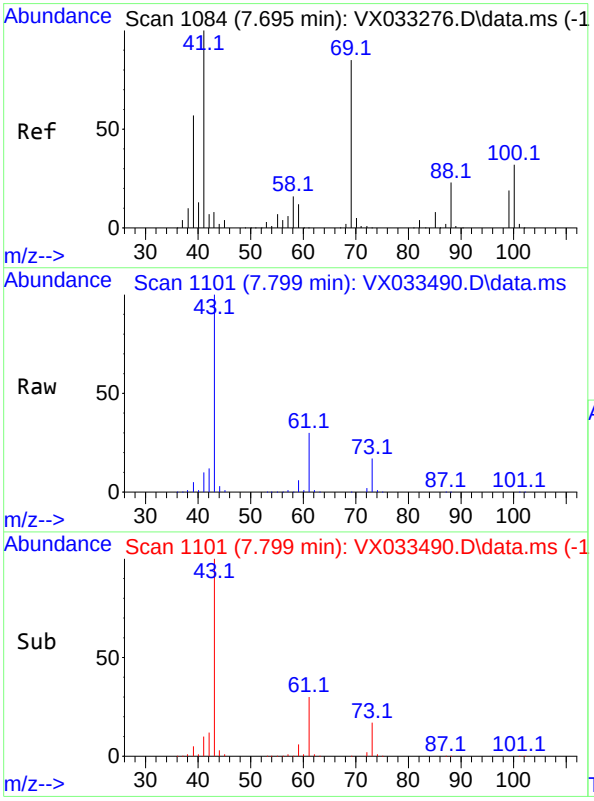
#43
Isopropyl Acetate
Concen: 29.181 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 71815

Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.0
87	14.5	10.8	16.2

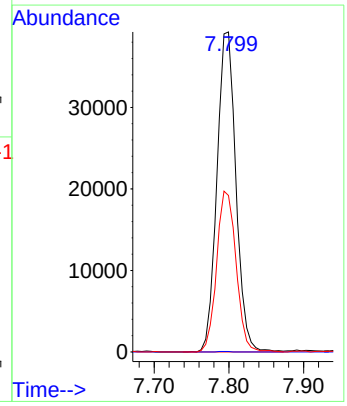


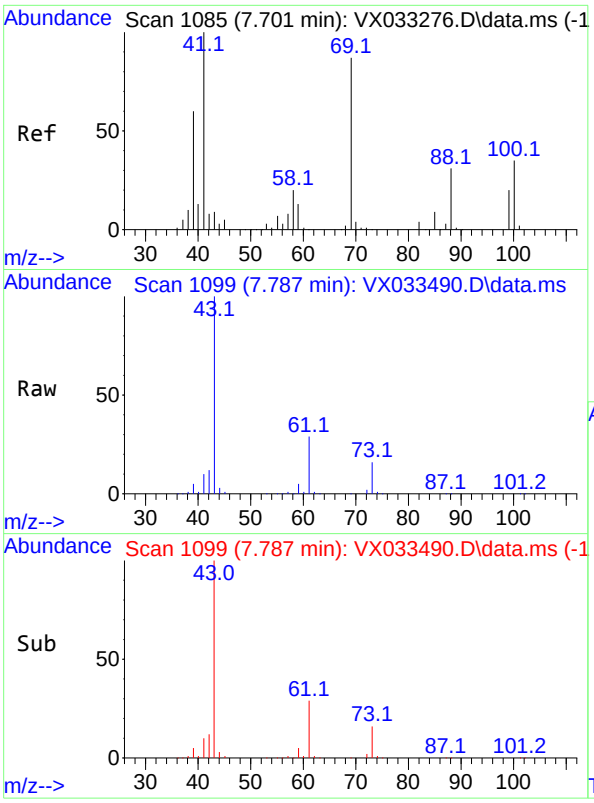


#48
Methyl methacrylate
Concen: 54.584 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 41 Resp: 69331

Ion	Ratio	Lower	Upper
41	100		
69	0.1	65.1	97.7#
39	51.4	51.9	77.9#



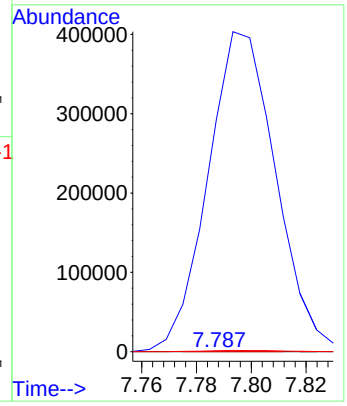


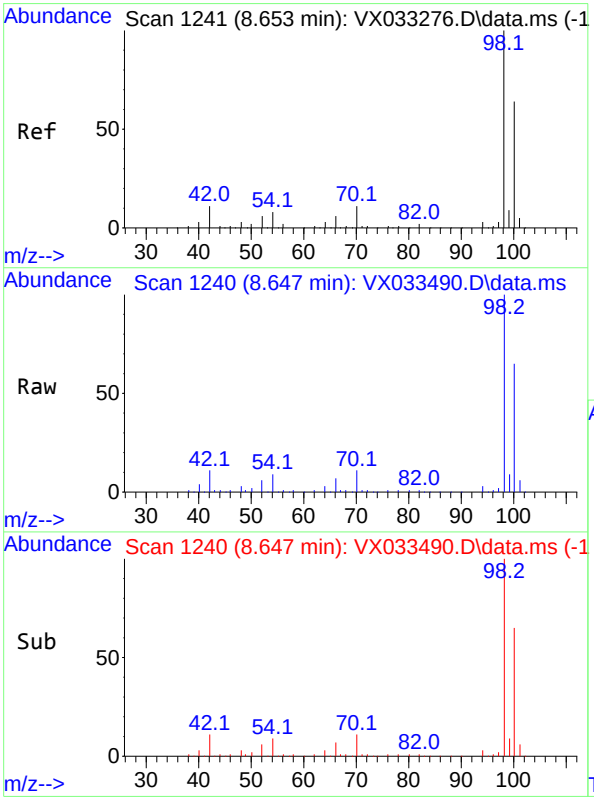
#49
1,4-Dioxane
Concen: 2.762 ug/l
RT: 7.787 min Scan# 1
Delta R.T. 0.086 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	876745.0	26.6	39.8#
58	3796.3	51.7	77.5#

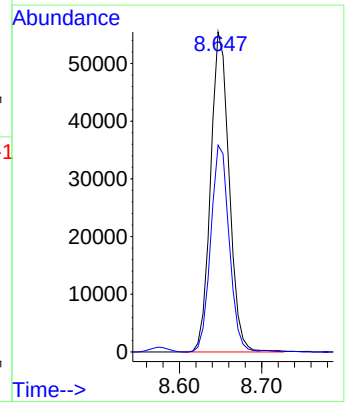


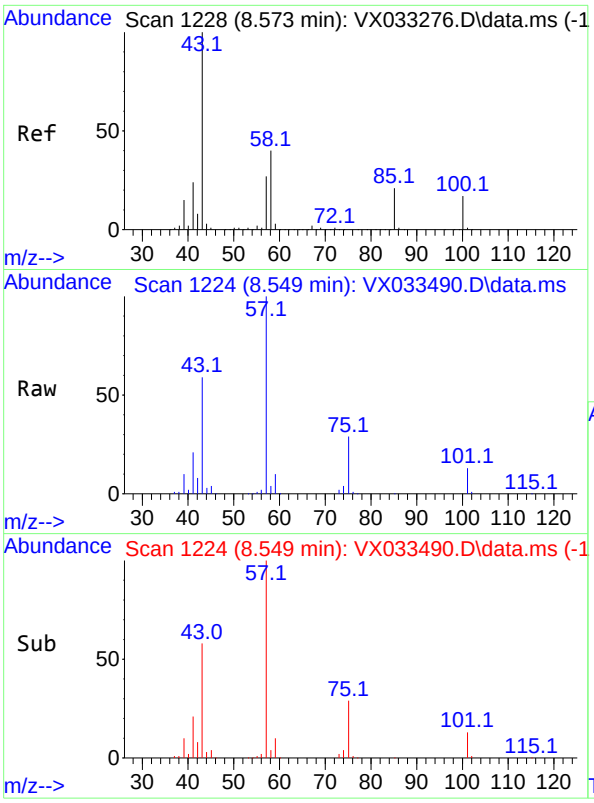


#50
Toluene-d8
Concen: 49.943 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 98 Resp: 86710

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3



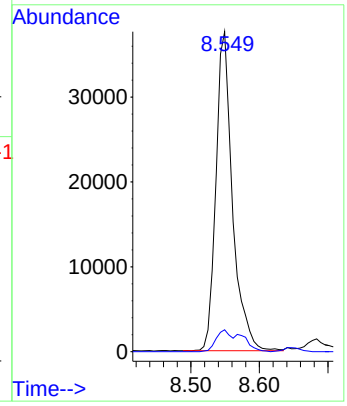


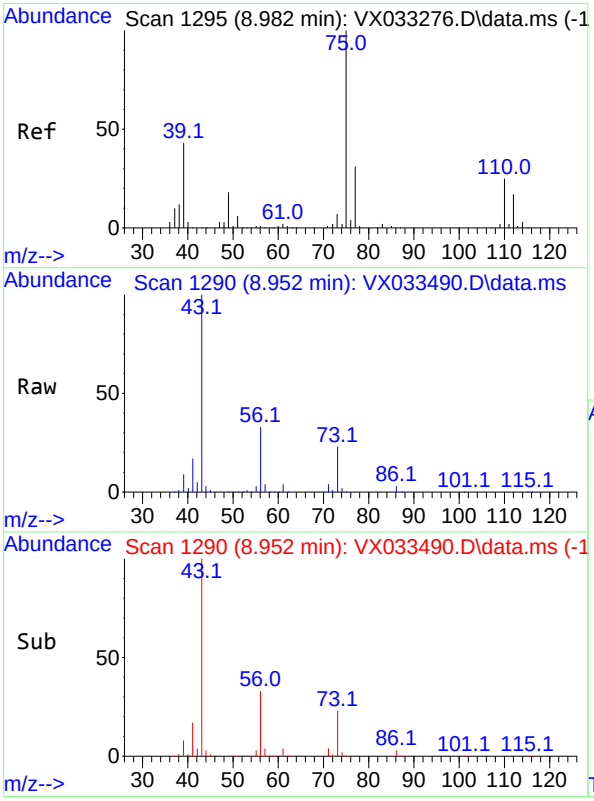
#51
4-Methyl-2-Pentanone
Concen: 40.472 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 62989

Ion	Ratio	Lower	Upper
43	100		
58	6.4	30.9	46.3#

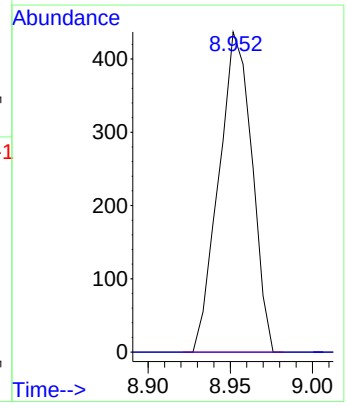


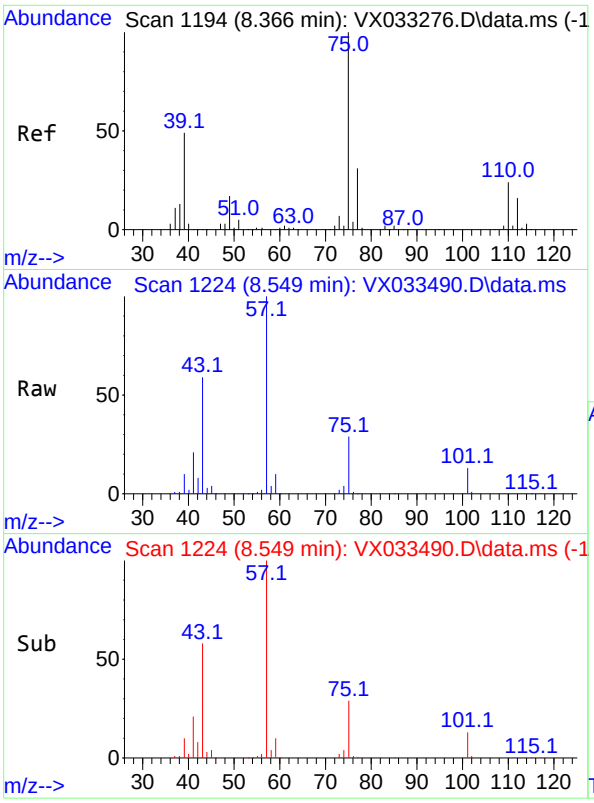


#53
t-1,3-Dichloropropene
Concen: 2.808 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 75 Resp: 613

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#



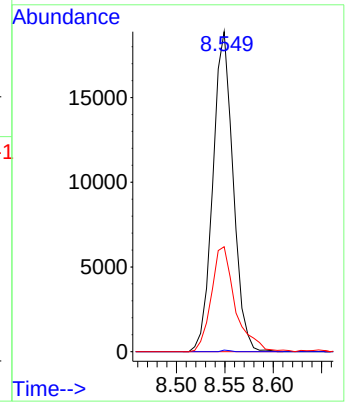


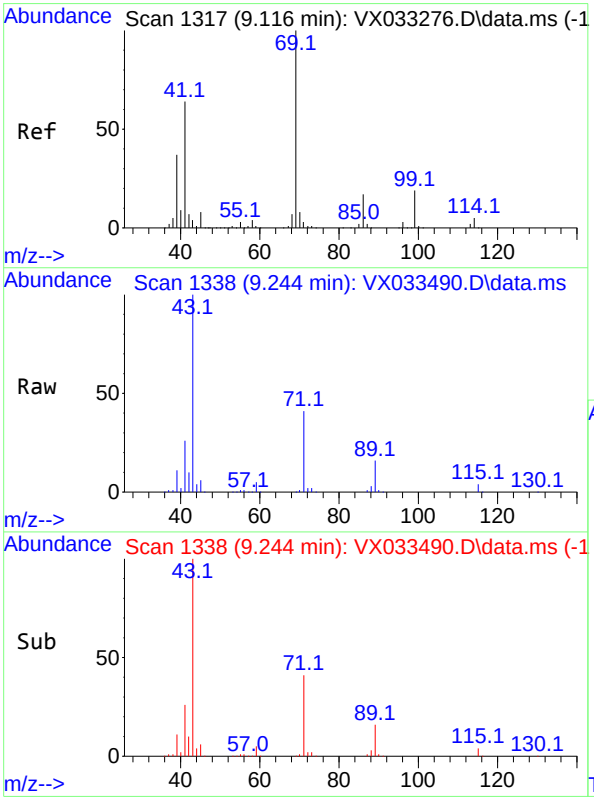
#54
cis-1,3-Dichloropropene
Concen: 14.439 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 27529

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.1	37.7#
39	32.8	45.5	68.3#

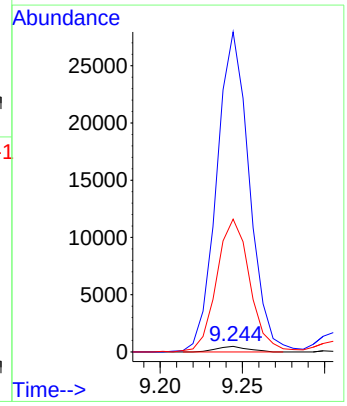


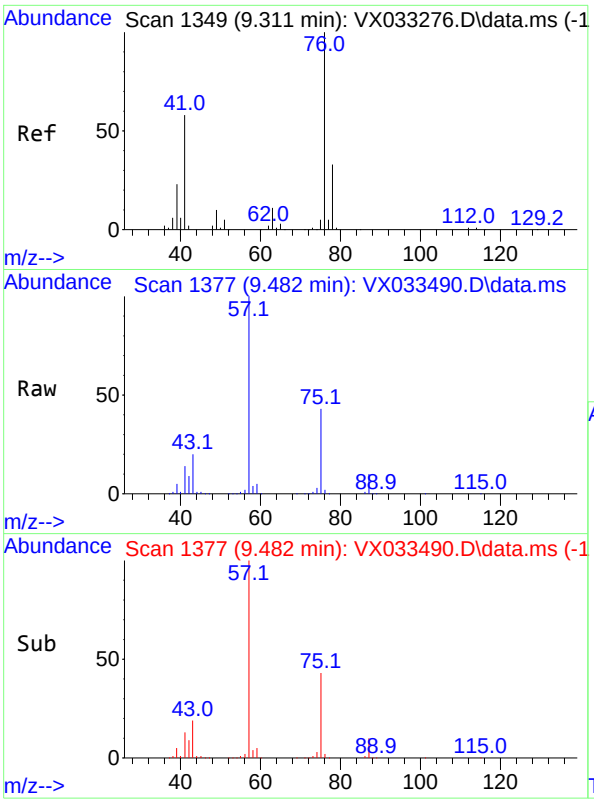


#56
Ethyl methacrylate
Concen: 0.361 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 69 Resp: 651

Ion	Ratio	Lower	Upper
69	100		
41	5944.5	54.3	81.5#
39	2524.0	35.2	52.8#



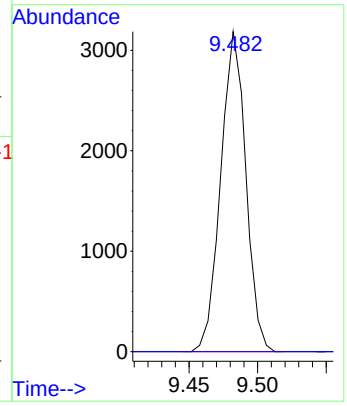


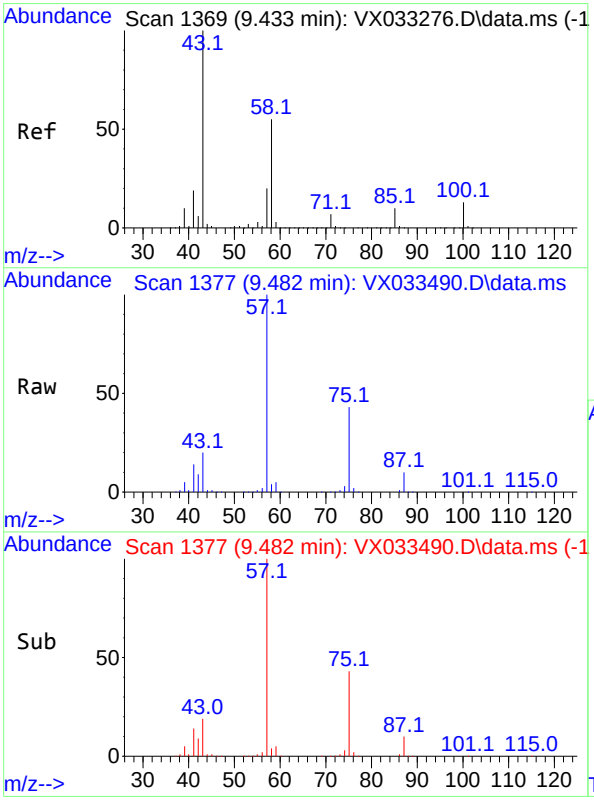
#57
1,3-Dichloropropane
Concen: 1.968 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.171 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 4054

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#

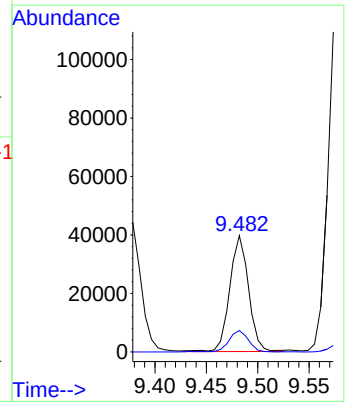


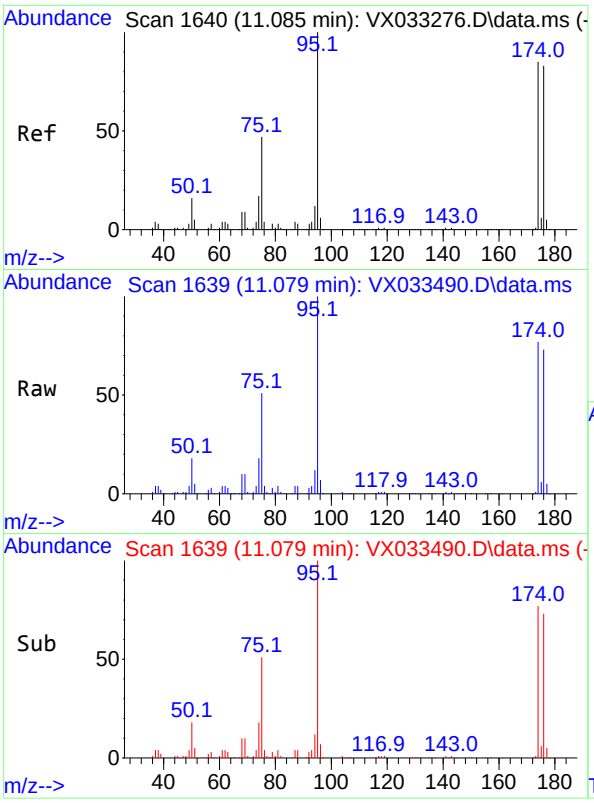


#59
2-Hexanone
Concen: 44.083 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 43 Resp: 50560

Ion	Ratio	Lower	Upper
43	100		
58	18.8	26.5	79.5#



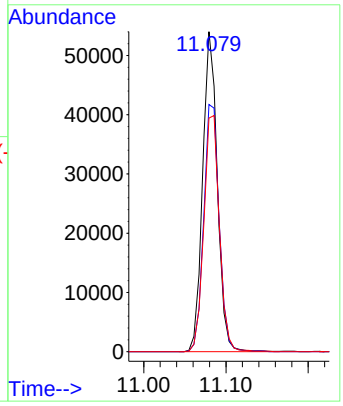


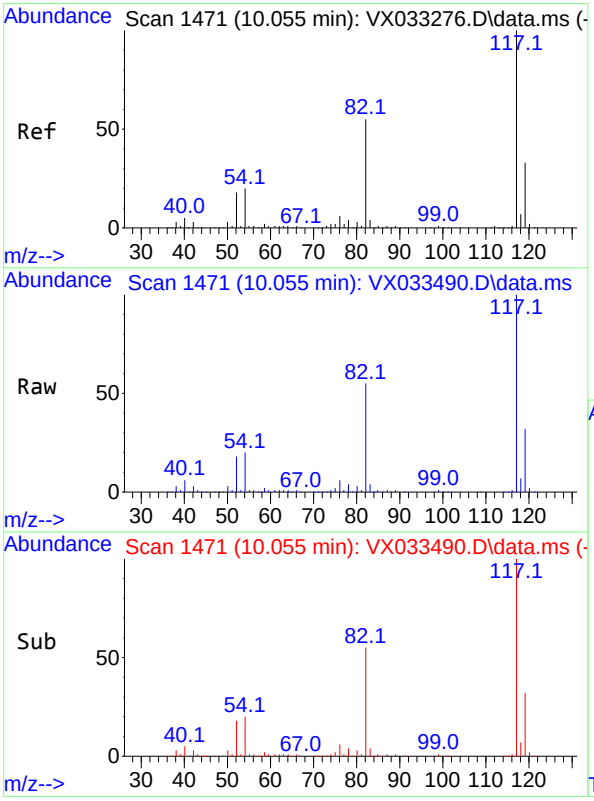
#62
4-Bromofluorobenzene
Concen: 50.284 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 66752

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	164.0
176	78.7	0.0	154.4

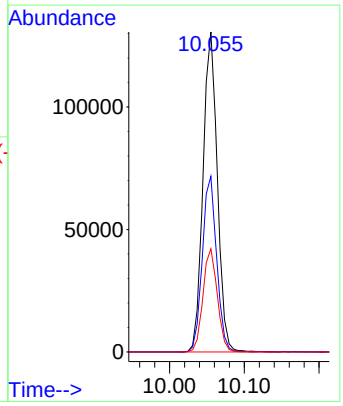


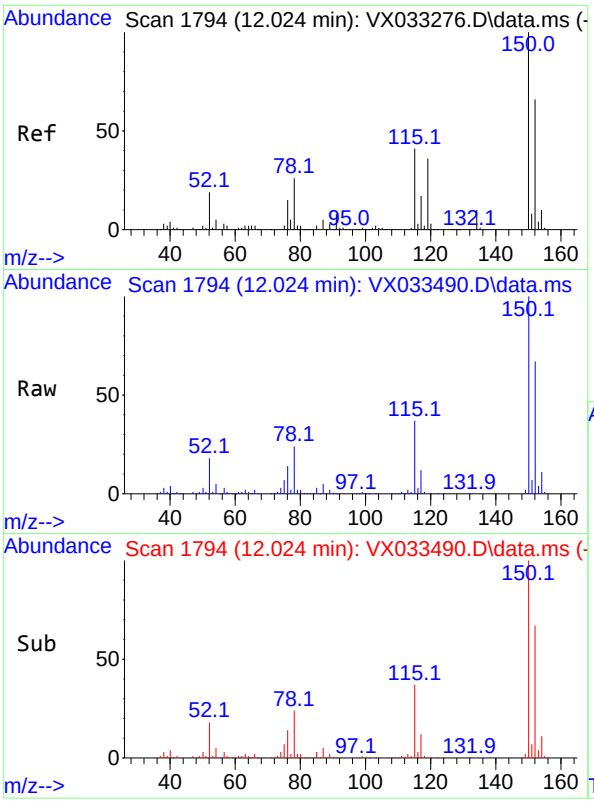


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion:117 Resp: 173762

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.3	66.5
119	32.3	25.7	38.5



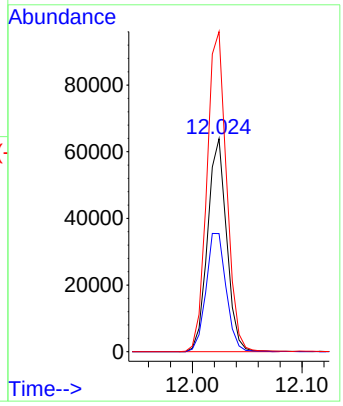


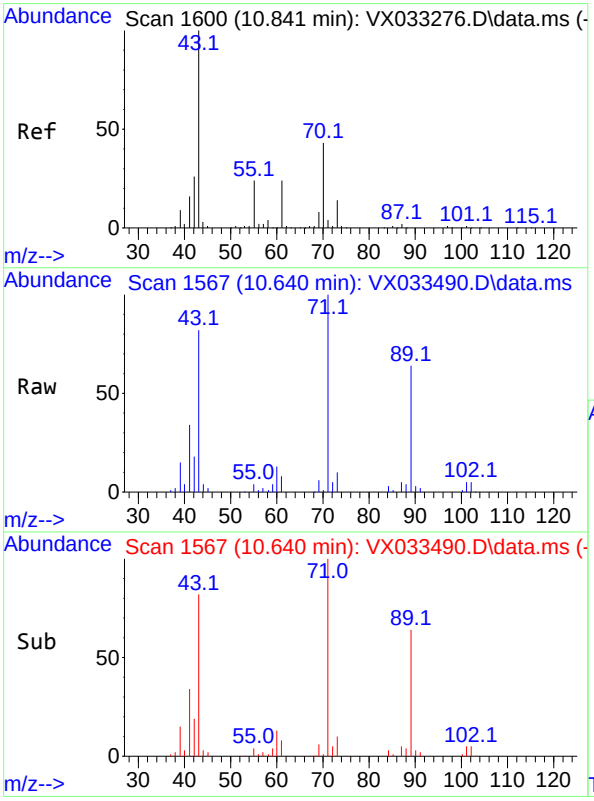
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 76996

Ion	Ratio	Lower	Upper
152	100		
115	58.7	44.0	132.0
150	155.3	0.0	351.8

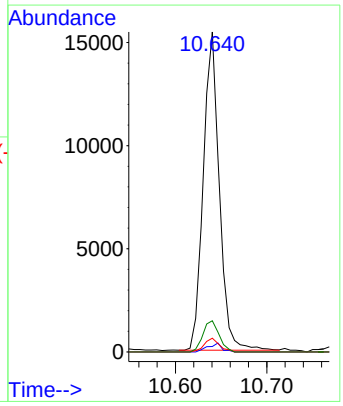


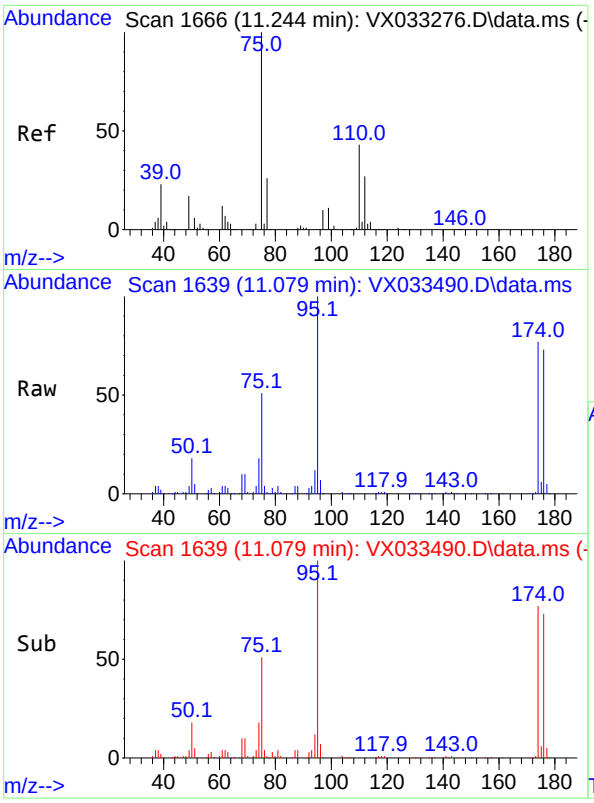


#74
N-amyl acetate
Concen: 9.838 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 43 Resp: 18732

Ion	Ratio	Lower	Upper
43	100		
70	2.4	33.6	50.4#
55	4.1	19.4	29.2#
61	9.9	18.8	28.2#



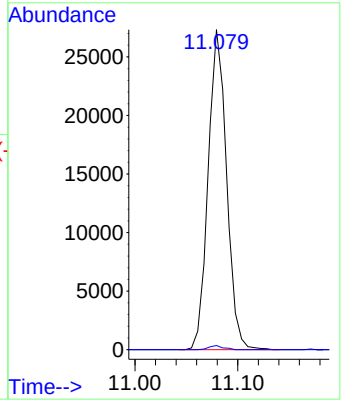


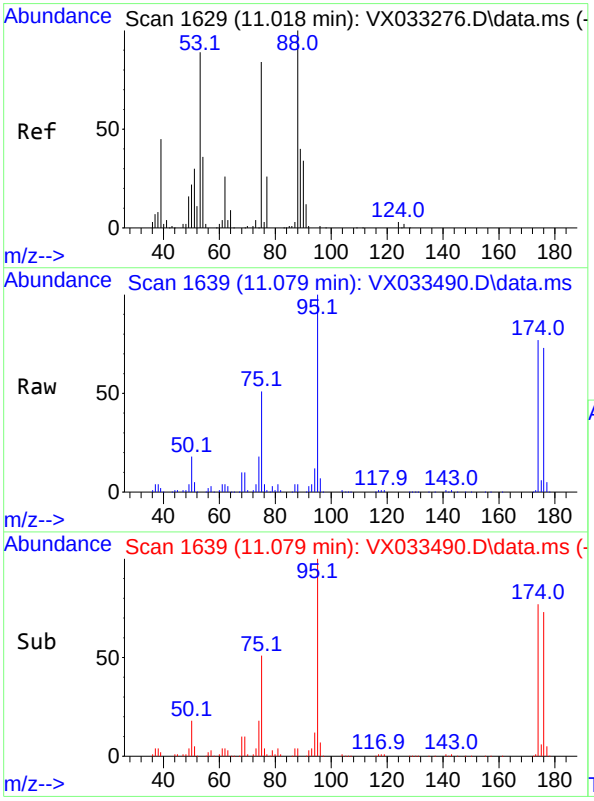
#76
1,2,3-Trichloropropane
Concen: 21.718 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.164 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 34021

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.0	60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.558 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 75 Resp: 34021

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.9	130.3#
89	0.0	38.3	57.5#