Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
Data File : VX028249.D
Acq On : 21 Apr 2022 18:19
Operator : JC/MD
Sample : N2459-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
4922B

Quant Time: Apr 22 06:17:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	413309	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	702310	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	659544	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	321935	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65	289132	53.652	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.300%				
35) Dibromofluoromethane	5.391	113	267584	54.329	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.660%				
50) Toluene-d8	8.653	98	968162	51.180	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.360%				
62) 4-Bromofluorobenzene	11.079	95	351601	48.610	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.220%				
Target Compounds							Qvalue
3) Chloromethane	1.288	50	587	Below Cal			97
5) Bromomethane	1.618	94	946	Below Cal		#	77
6) Chloroethane	1.691	64	638	Below Cal		#	43
8) Diethyl Ether	2.154	74	68	Below Cal		#	7
10) Methyl Iodide	2.459	142	753	5.382	ug/l	#	86
11) Tert butyl alcohol	2.959	59	1503	Below Cal			96
13) Acrolein	2.227	56	676	1.024	ug/l	#	15
16) Acetone	2.380	43	23136	12.731	ug/l		98
18) Methyl Acetate	2.709	43	3749	0.782	ug/l		98
20) Methylene Chloride	2.794	84	2354	0.589	ug/l	#	76
25) 2-Butanone	4.562	43	19173	6.007	ug/l		91
28) Bromochloromethane	4.898	49	787	0.256	ug/l	#	80
30) Chloroform	5.105	83	8383	0.974	ug/l		97
31) Cyclohexane	5.550	56	8353	1.272	ug/l	#	21
36) 1,1-Dichloropropene	5.550	75	29737	4.629	ug/l	#	50
37) Ethyl Acetate	4.562	43	19173	2.941	ug/l	#	65
38) Carbon Tetrachloride	5.550	117	41011	5.655	ug/l	#	16
51) 4-Methyl-2-Pentanone	8.580	43	12943	1.901	ug/l		96
52) Toluene	8.720	92	3291	0.252	ug/l		99
59) 2-Hexanone	9.439	43	2288	0.434	ug/l		93
60) Dibromochloromethane	9.275	129	1646	0.284	ug/l	#	9
64) Tetrachloroethene	9.275	164	1886	0.366	ug/l	#	86
76) 1,2,3-Trichloropropane	11.079	75	174904	27.605	ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	174904	82.036	ug/l	#	15
84) 1,2,4-Trimethylbenzene	11.756	105	4547	0.244	ug/l		97
90) Hexachloroethane	12.555	117	114	1.844	ug/l	#	10
95) Naphthalene	13.780	128	8427	0.395	ug/l	#	93

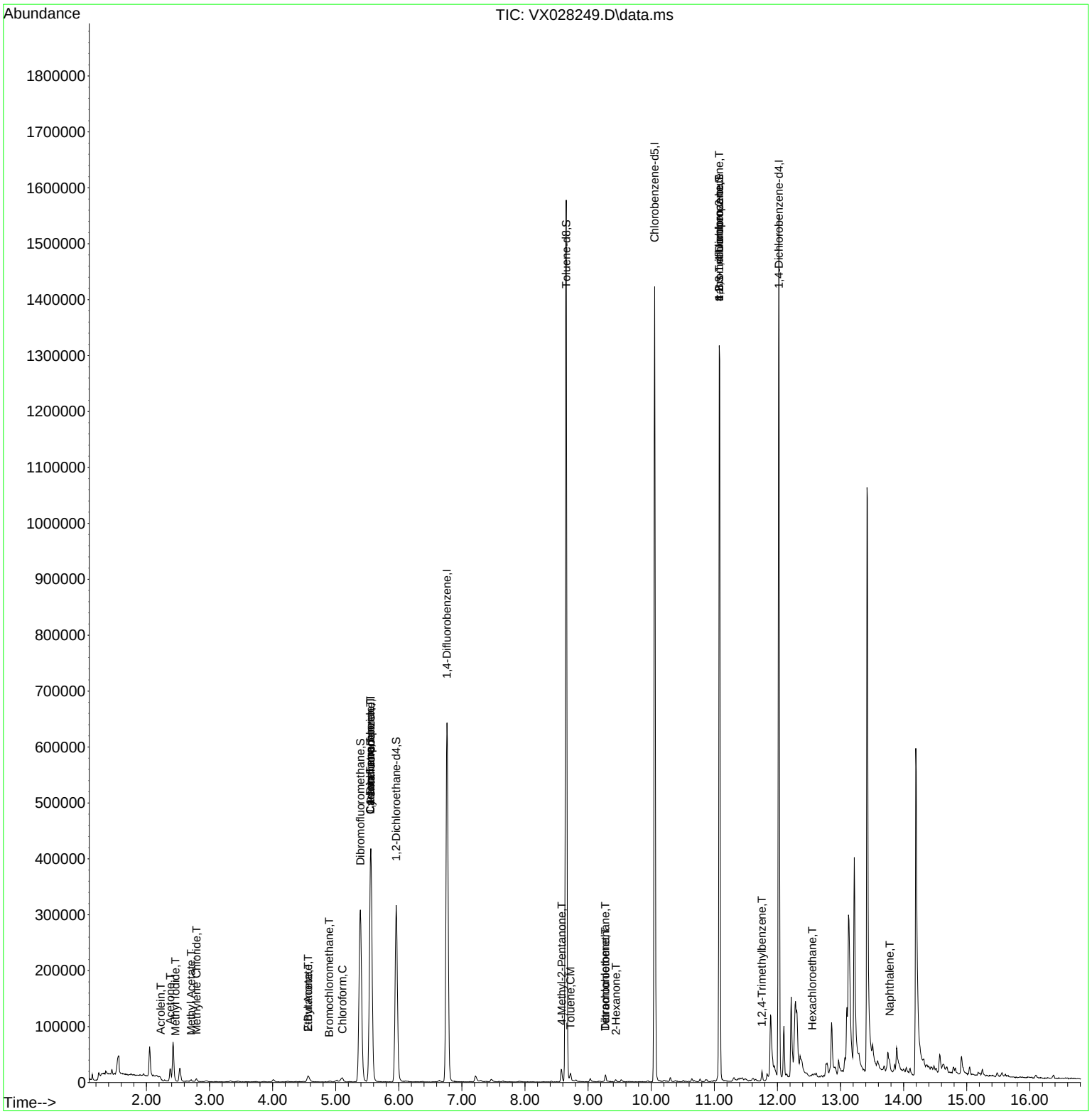
(#) = qualifier out of range (m) = manual integration (+) = signals summed

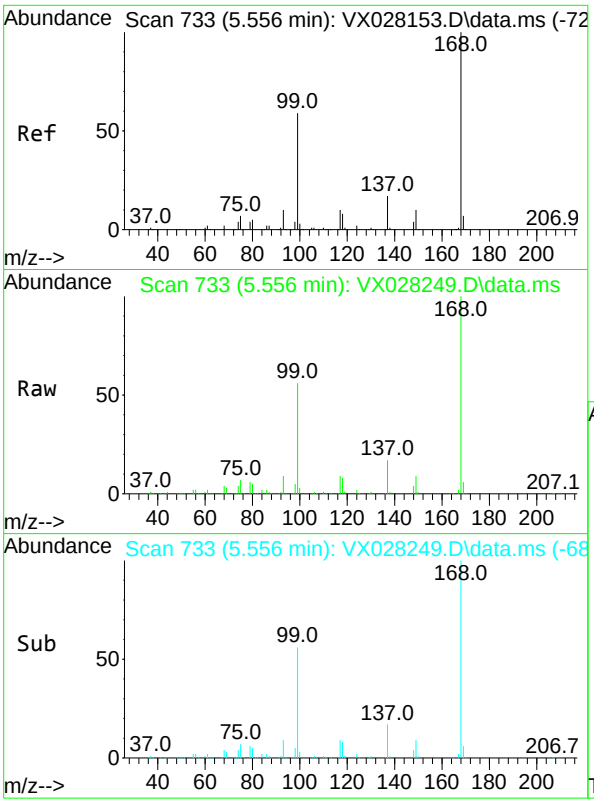
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
Data File : VX028249.D
Acq On : 21 Apr 2022 18:19
Operator : JC/MD
Sample : N2459-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
4922B

Quant Time: Apr 22 06:17:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration



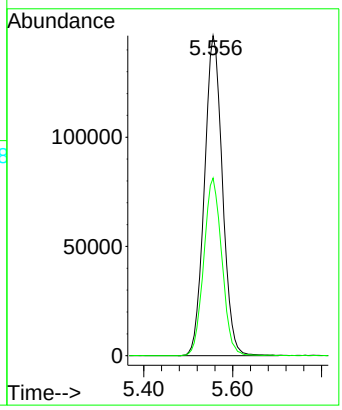


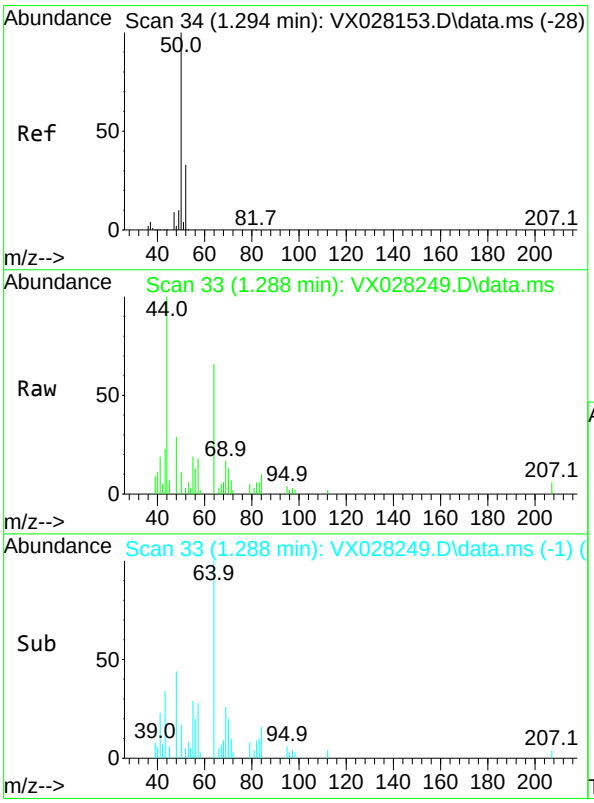
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion:168 Resp: 413309

Ion	Ratio	Lower	Upper
168	100		
99	55.5	41.7	62.5

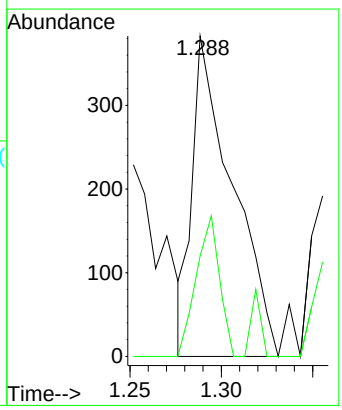


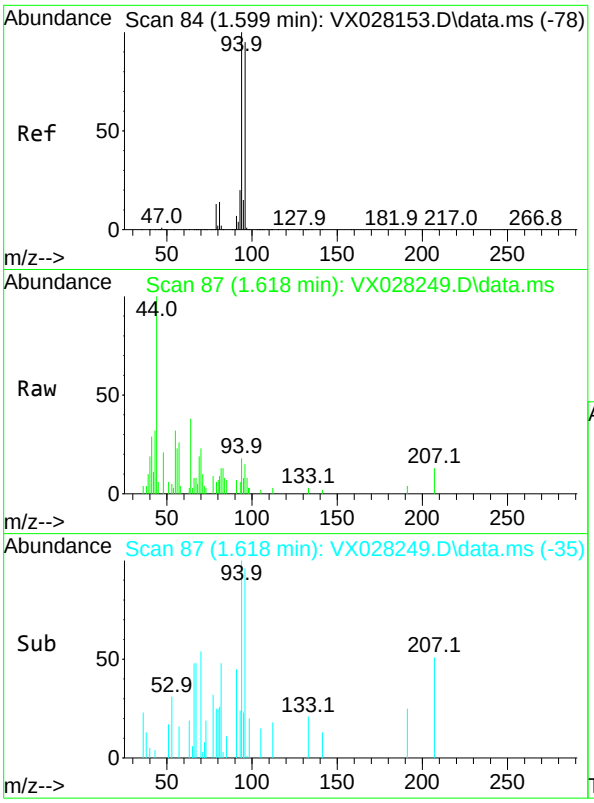


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 50 Resp: 587

Ion	Ratio	Lower	Upper
50	100		
52	31.3	26.4	39.6



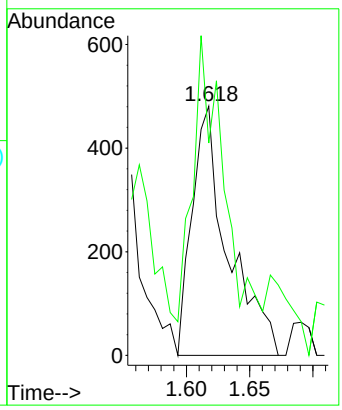


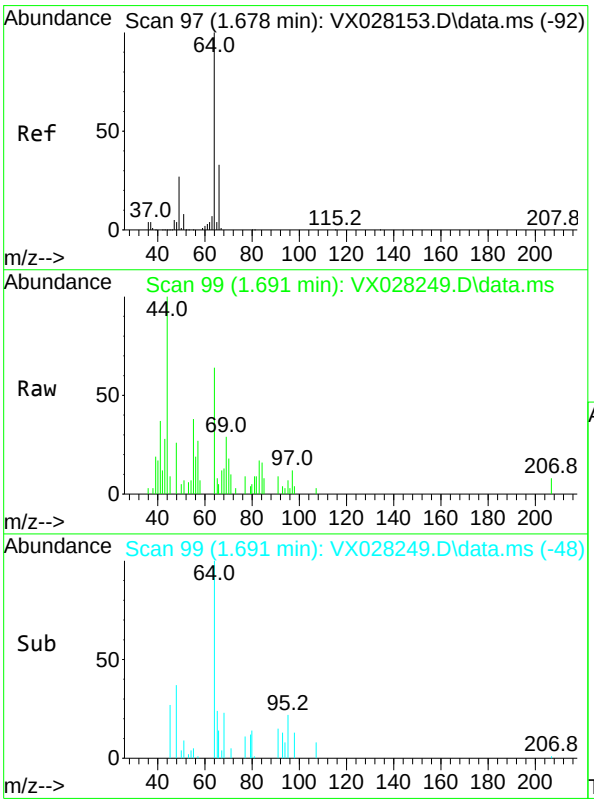
#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 8
Delta R.T. 0.019 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion: 94 Resp: 946

Ion	Ratio	Lower	Upper
94	100		
96	71.7	75.3	112.9#

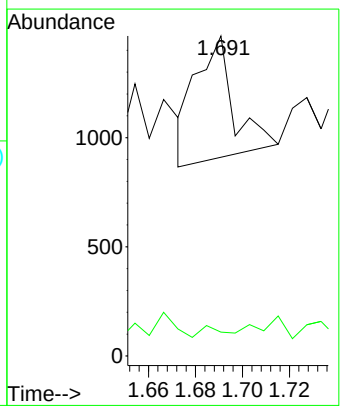


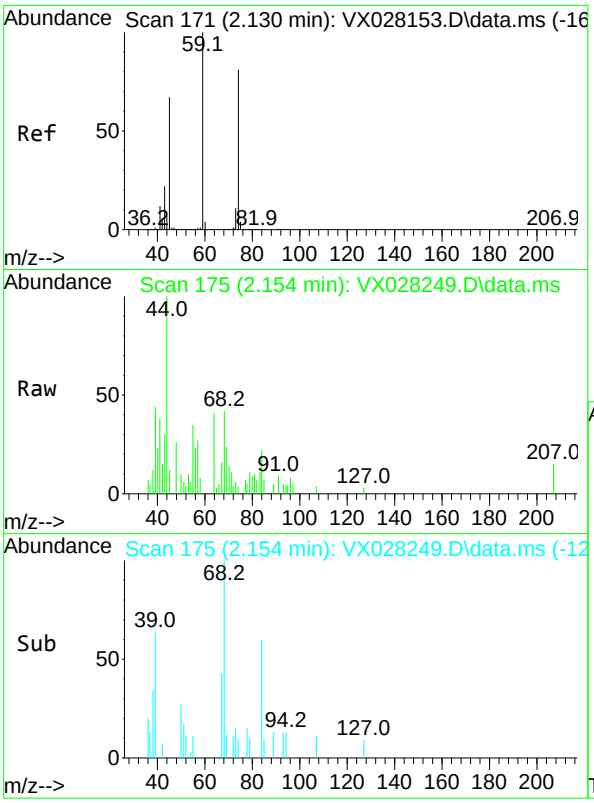


#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 64 Resp: 638

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#



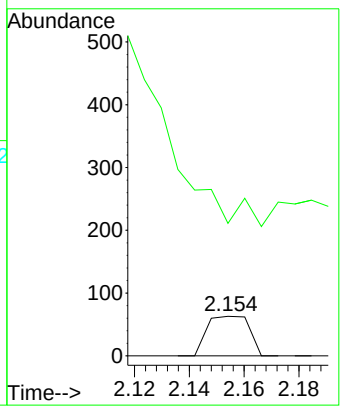


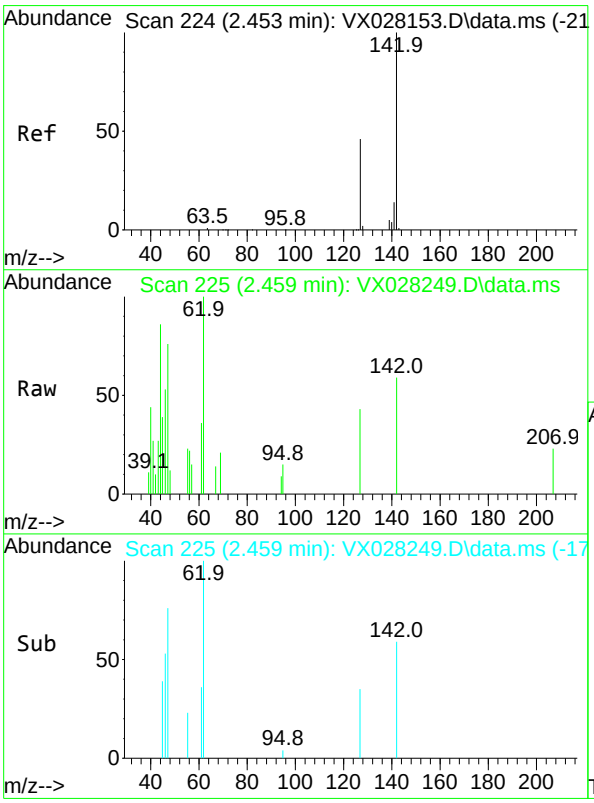
#8
Diethyl Ether
Concen: Below Cal
RT: 2.154 min Scan# 1
Delta R.T. 0.024 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion: 74 Resp: 68

Ion	Ratio	Lower	Upper
74	100		
45	0.0	42.0	126.0#

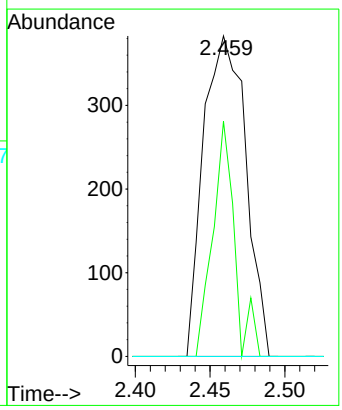


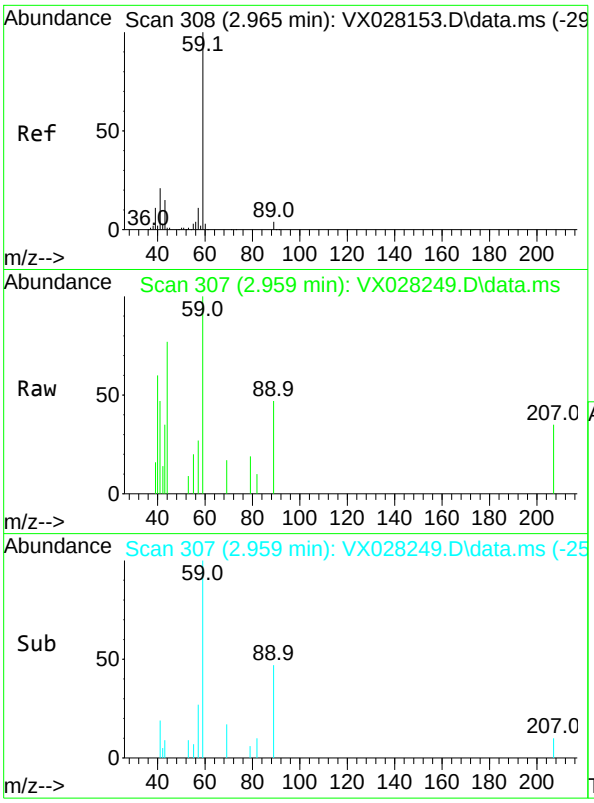


#10
Methyl Iodide
Concen: 5.382 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion:142 Resp: 753

Ion	Ratio	Lower	Upper
142	100		
127	37.6	33.9	50.9
141	0.0	11.4	17.2#



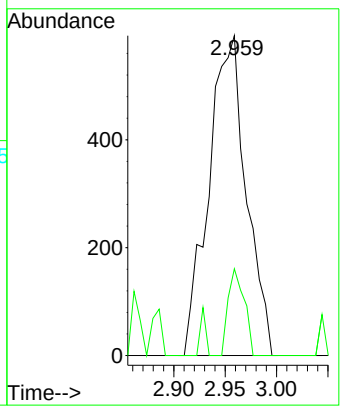


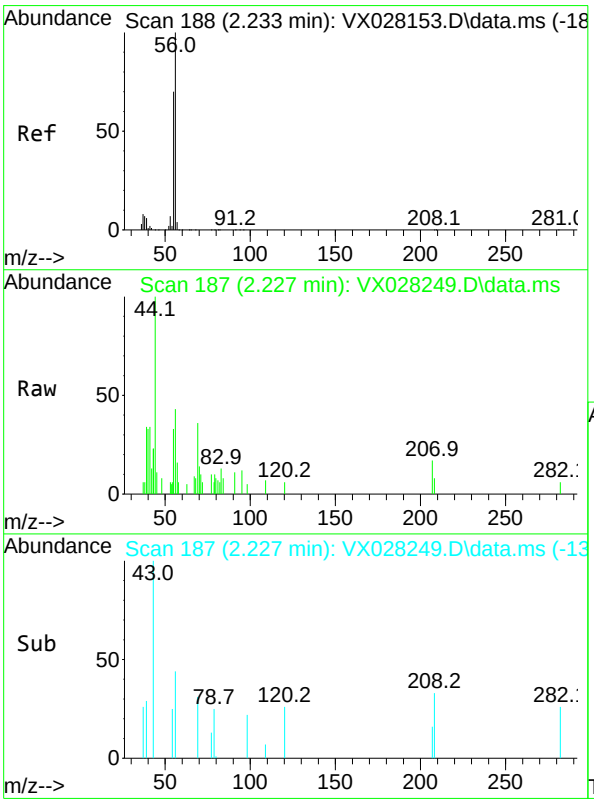
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion: 59 Resp: 1503

Ion	Ratio	Lower	Upper
59	100		
57	11.7	8.3	12.5

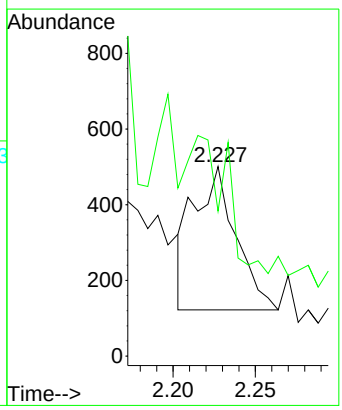


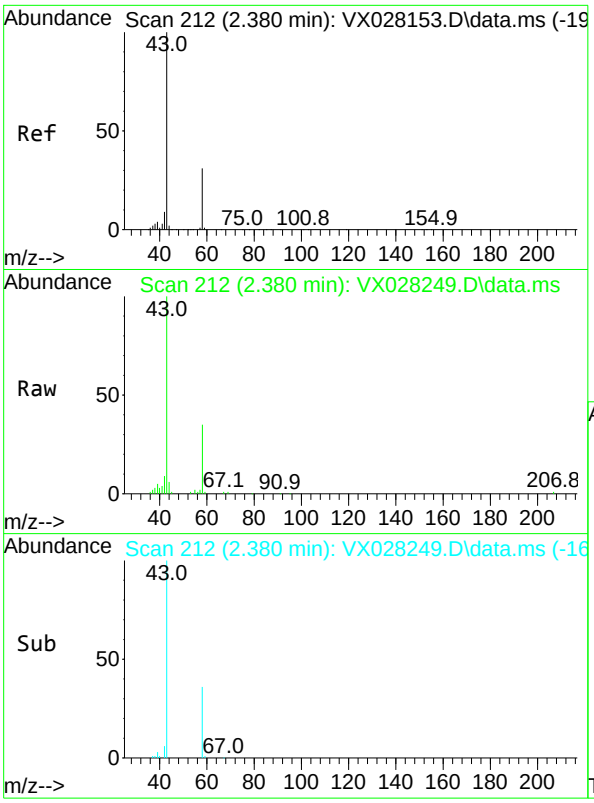


#13
Acrolein
Concen: 1.024 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 56 Resp: 676

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.0	82.6#



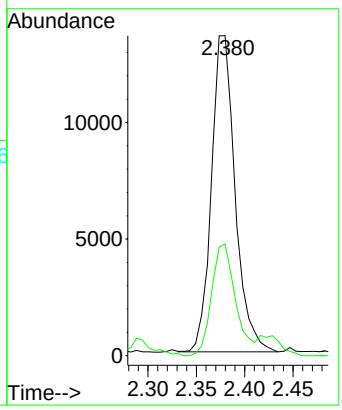


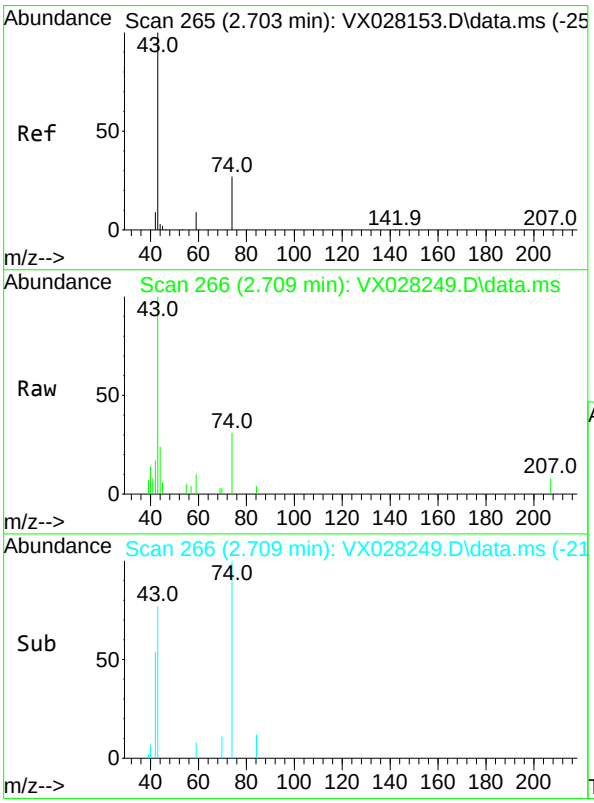
#16
Acetone
Concen: 12.731 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion: 43 Resp: 23136

Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.8	43.2

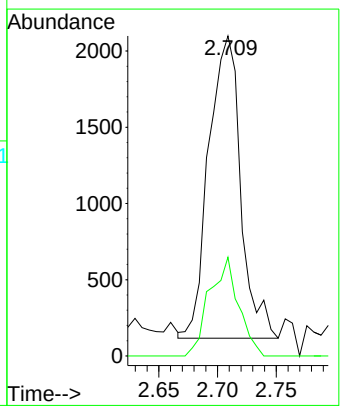


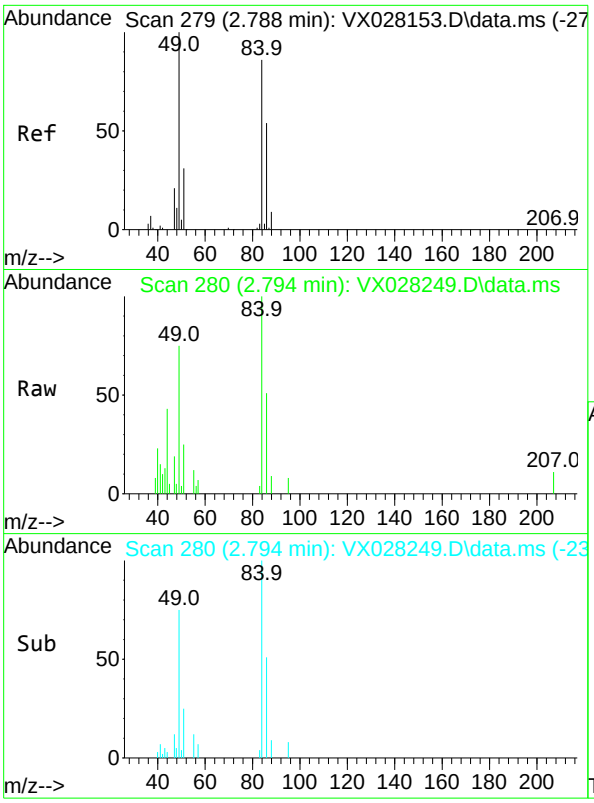


#18
Methyl Acetate
Concen: 0.782 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 43 Resp: 3749

Ion	Ratio	Lower	Upper
43	100		
74	29.7	22.8	34.2



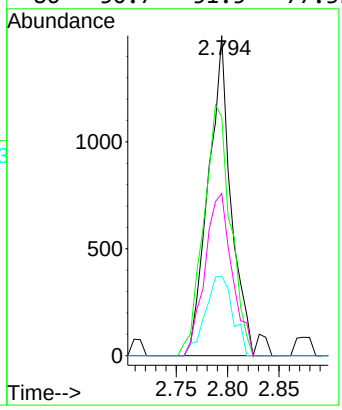


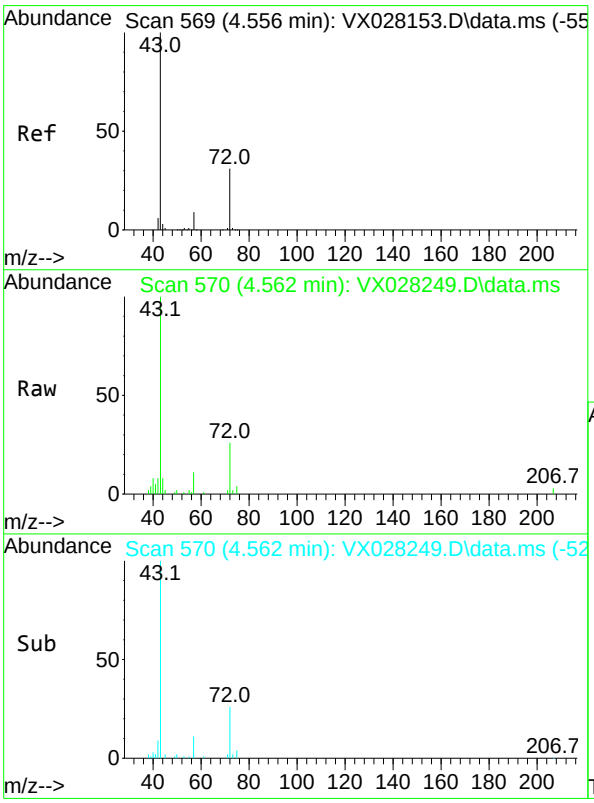
#20
Methylene Chloride
Concen: 0.589 ug/l
RT: 2.794 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion: 84 Resp: 2354

Ion	Ratio	Lower	Upper
84	100		
49	74.7	85.5	128.3#
51	24.8	26.6	39.8#
86	50.7	51.5	77.3#

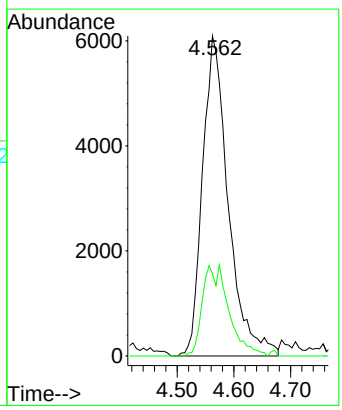


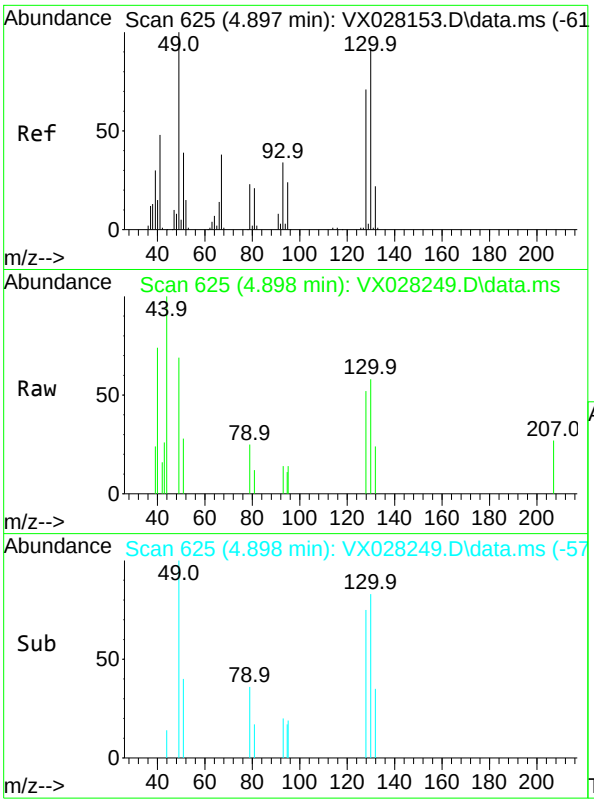


#25
2-Butanone
Concen: 6.007 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 43 Resp: 19173

Ion	Ratio	Lower	Upper
43	100		
72	25.7	24.4	36.6



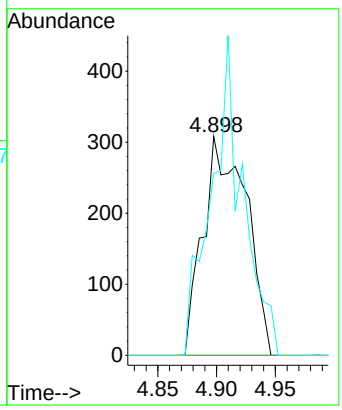


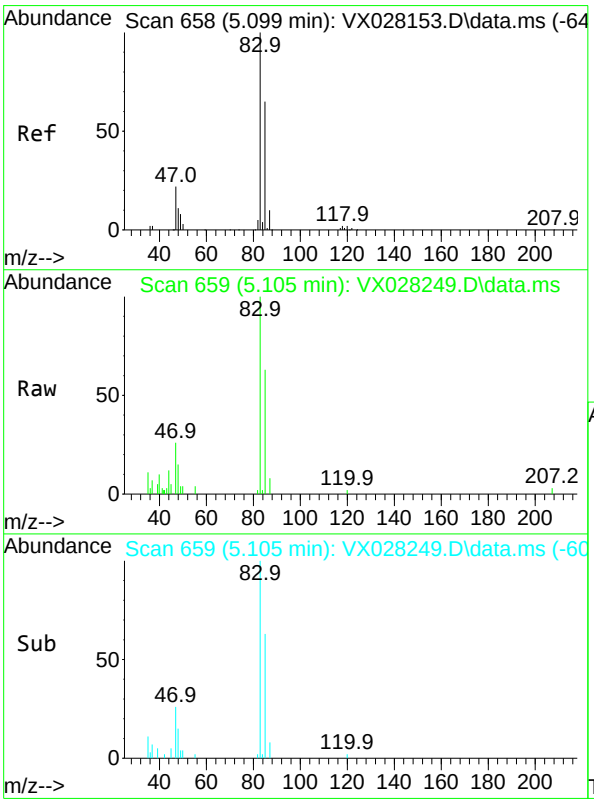
#28
Bromochloromethane
Concen: 0.256 ug/l
RT: 4.898 min Scan# 6
Delta R.T. 0.001 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion: 49 Resp: 787

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	107.0	70.7	106.1#

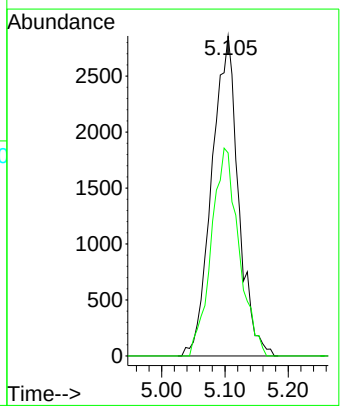


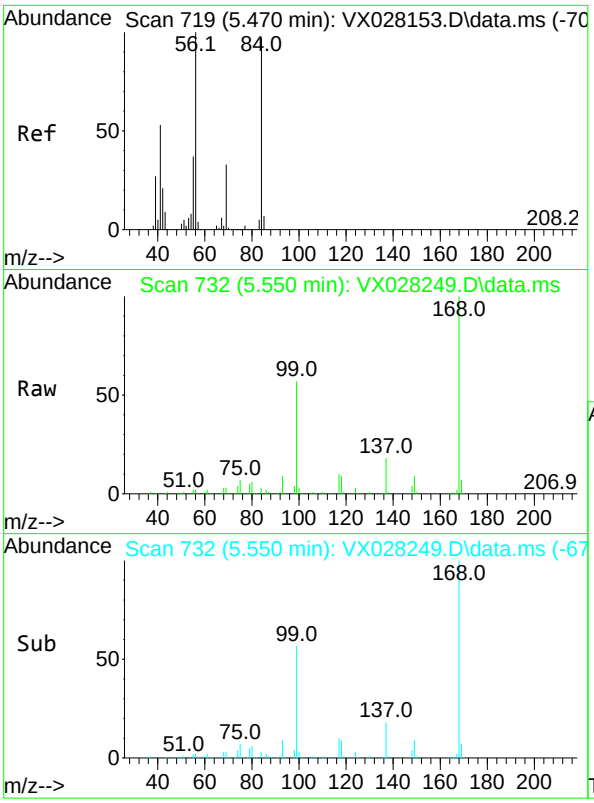


#30
Chloroform
Concen: 0.974 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 83 Resp: 8383

Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.7	79.1



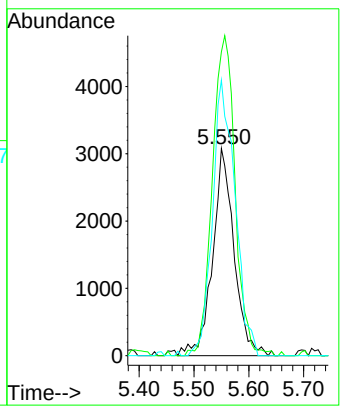


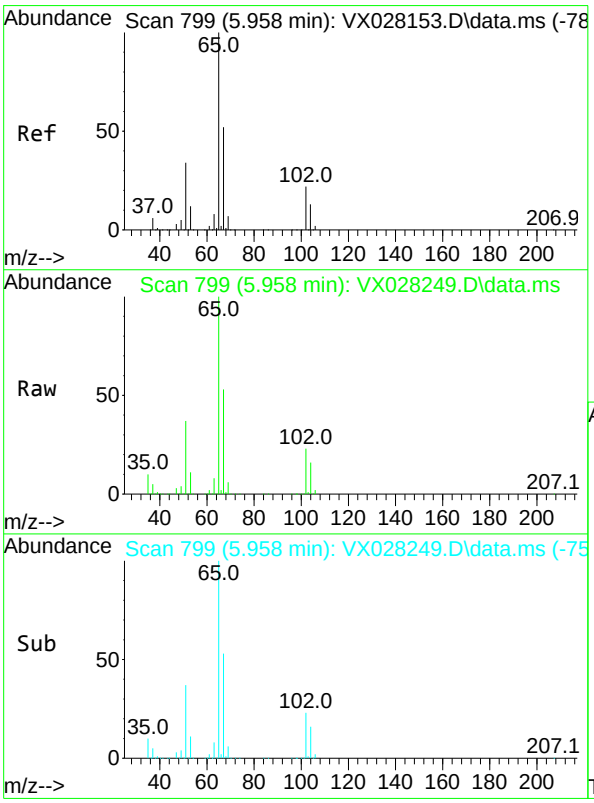
#31
Cyclohexane
Concen: 1.272 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.080 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion: 56 Resp: 8353

Ion	Ratio	Lower	Upper
56	100		
69	146.7	26.7	40.1#
84	133.0	77.2	115.8#

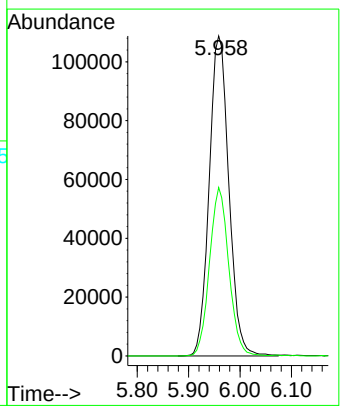


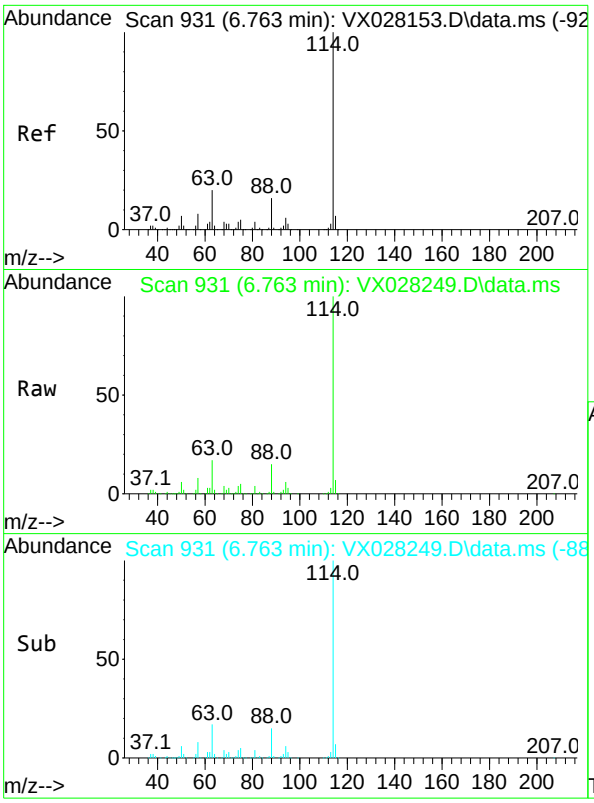


#33
1,2-Dichloroethane-d4
Concen: 53.652 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 65 Resp: 289132

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	107.4



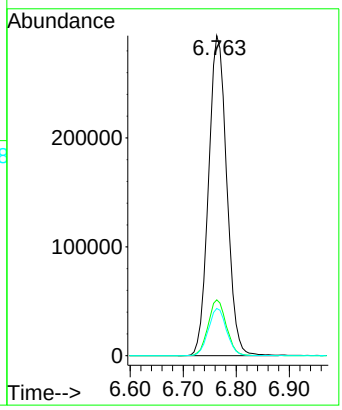


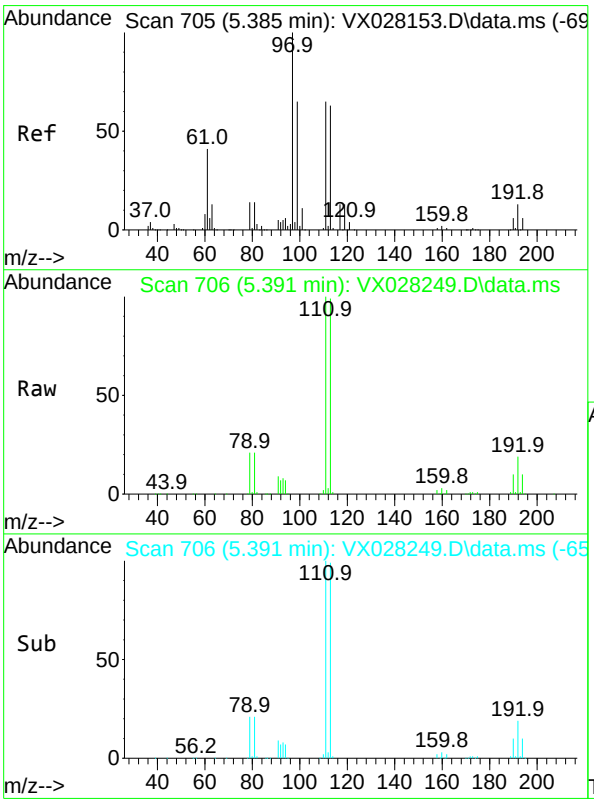
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion:114 Resp: 702310

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.8
88	14.8	0.0	32.4

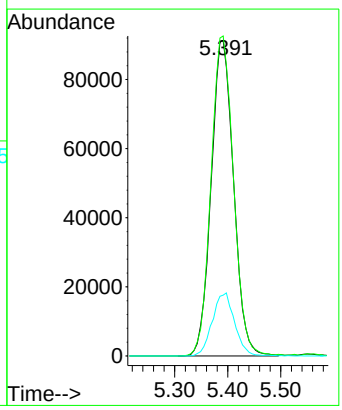


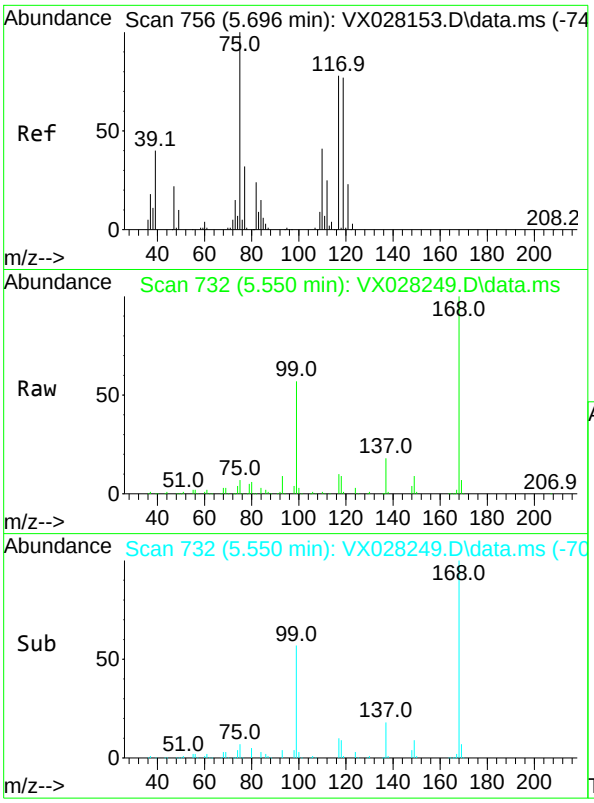


#35
Dibromofluoromethane
Concen: 54.329 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion:113 Resp: 267584

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	19.9	16.9	25.3



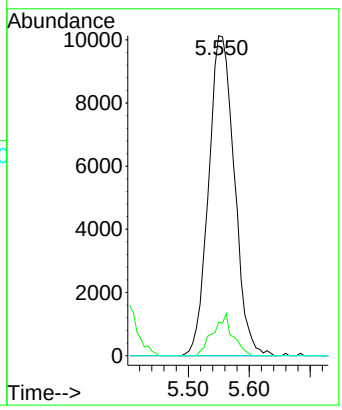


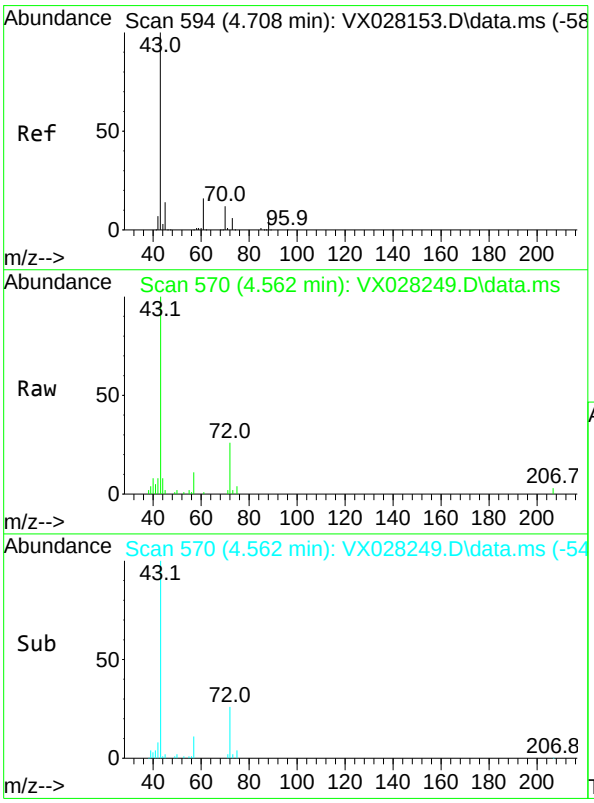
#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.146 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion: 75 Resp: 29737

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.3	54.8#
77	0.0	24.8	37.2#

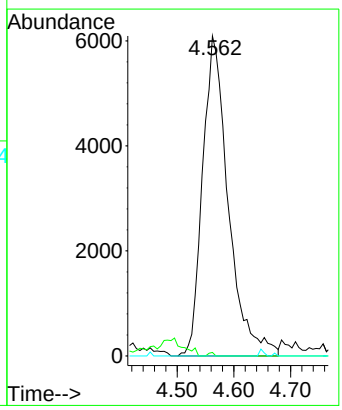


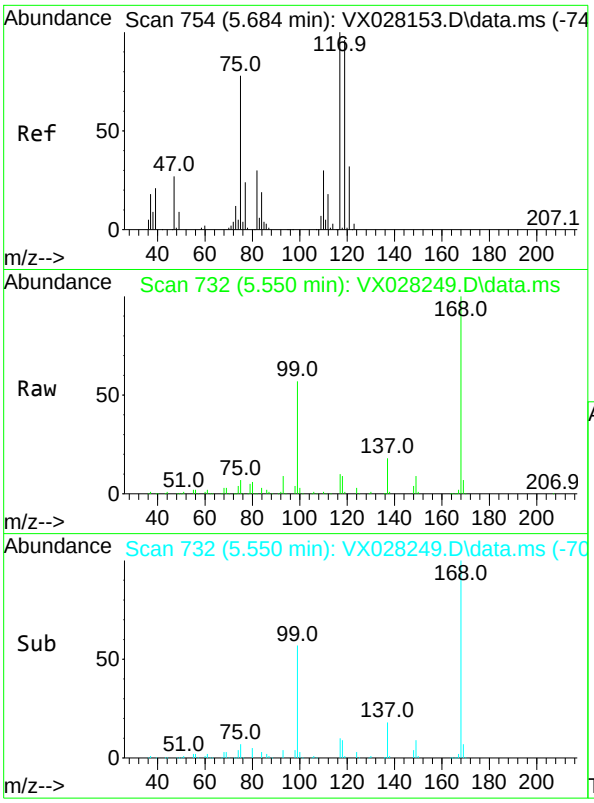


#37
Ethyl Acetate
Concen: 2.941 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.146 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 43 Resp: 19173

Ion	Ratio	Lower	Upper
43	100		
61	0.2	12.6	19.0#
70	0.0	10.2	15.2#



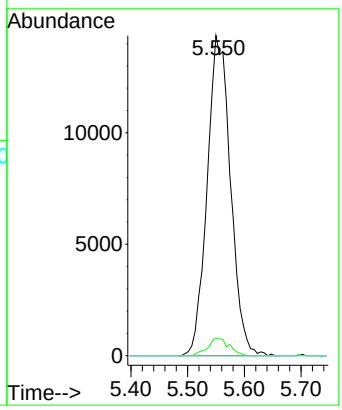


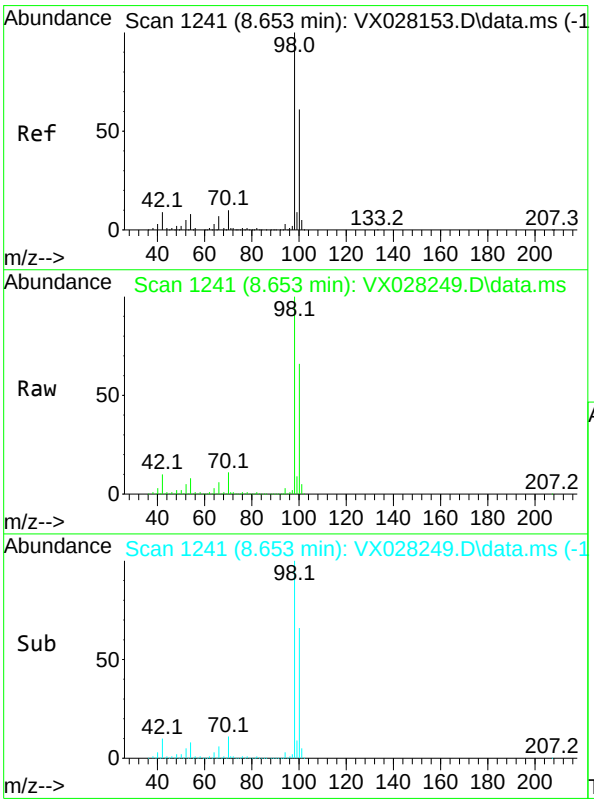
#38
Carbon Tetrachloride
Concen: 5.655 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.134 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion:117 Resp: 41011

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.3	115.9#
121	0.0	24.2	36.2#

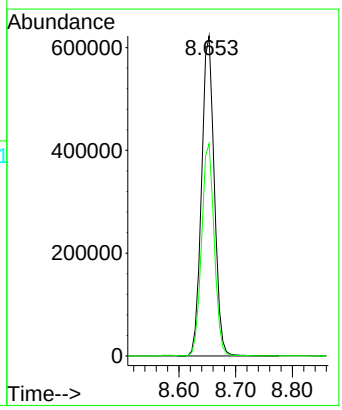


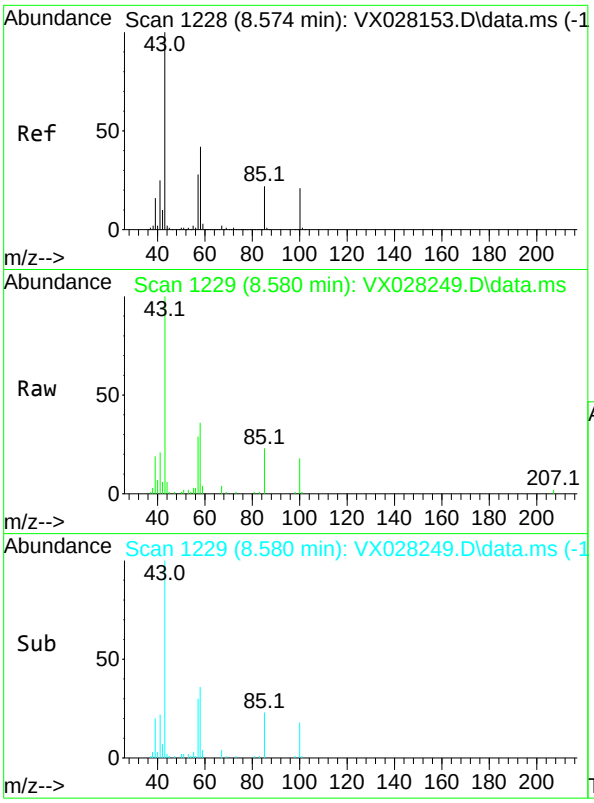


#50
Toluene-d8
Concen: 51.180 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 98 Resp: 968162

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	78.8



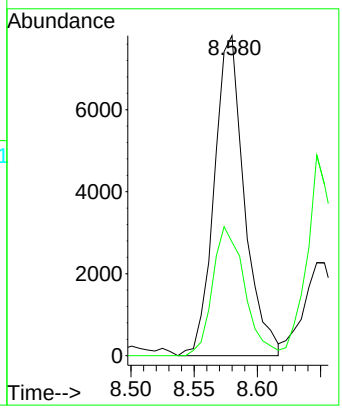


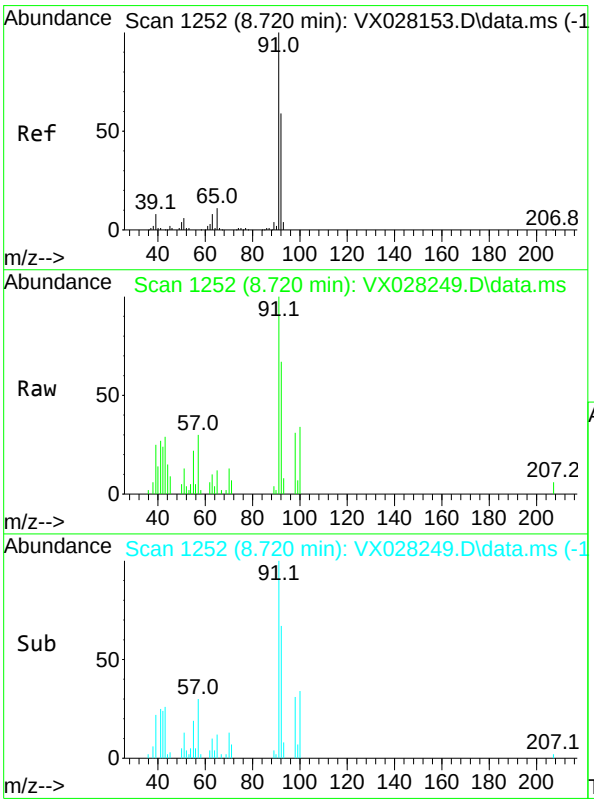
#51
4-Methyl-2-Pentanone
Concen: 1.901 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion: 43 Resp: 12943

Ion	Ratio	Lower	Upper
43	100		
58	42.7	36.1	54.1

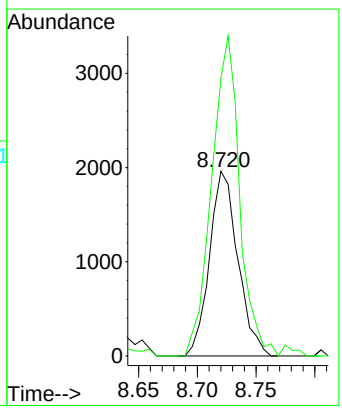


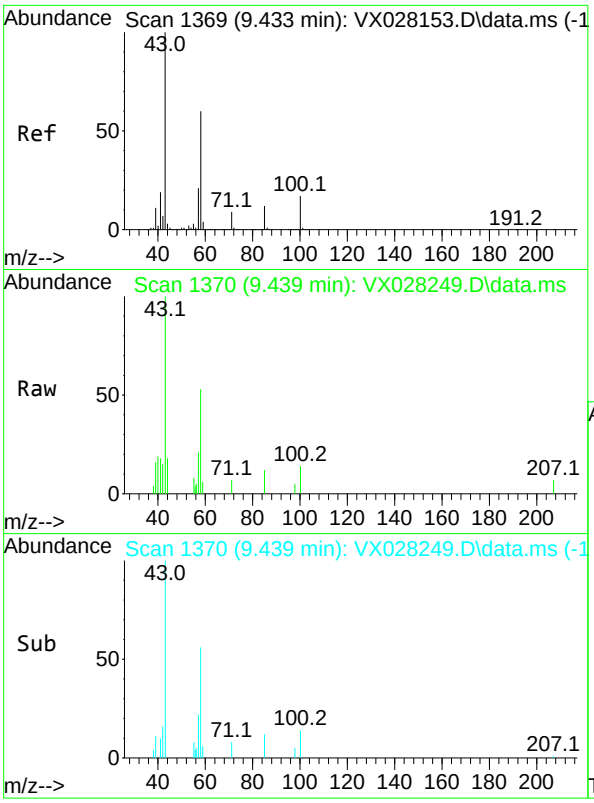


#52
Toluene
Concen: 0.252 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 92 Resp: 3291

Ion	Ratio	Lower	Upper
92	100		
91	170.8	137.5	206.3



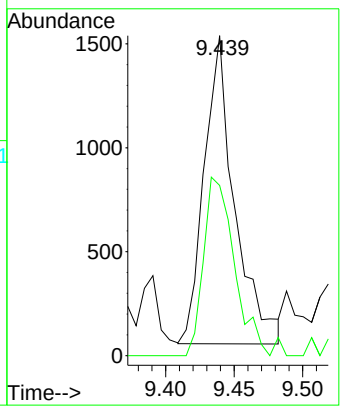


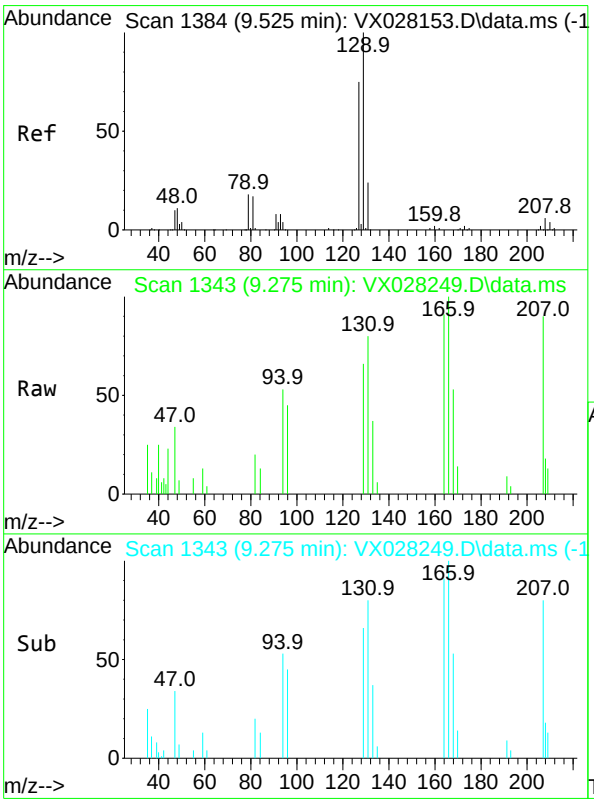
#59
2-Hexanone
Concen: 0.434 ug/l
RT: 9.439 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion: 43 Resp: 2288

Ion	Ratio	Lower	Upper
43	100		
58	58.3	31.9	95.7

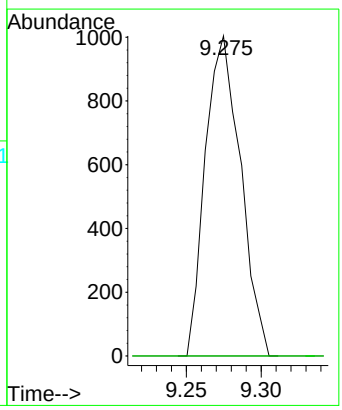


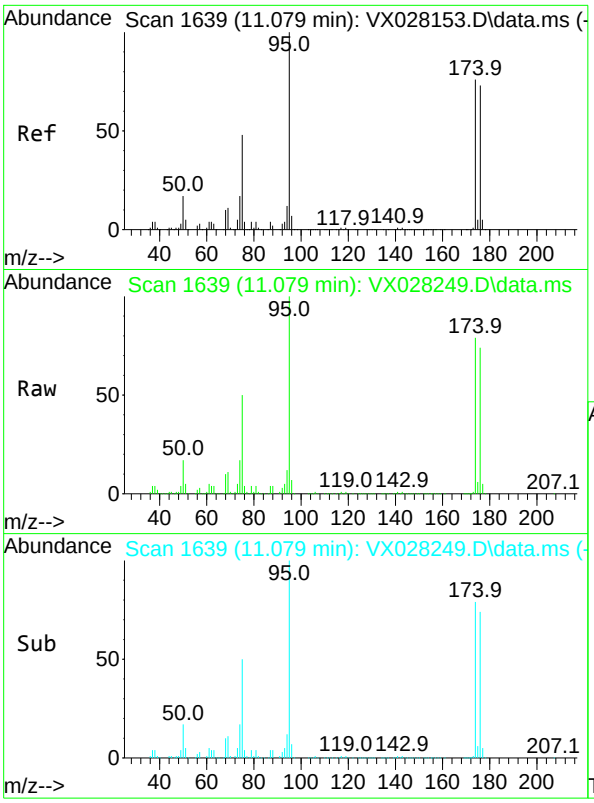


#60
Dibromochloromethane
Concen: 0.284 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion:129 Resp: 1646

Ion	Ratio	Lower	Upper
129	100		
127	0.0	40.3	120.8#



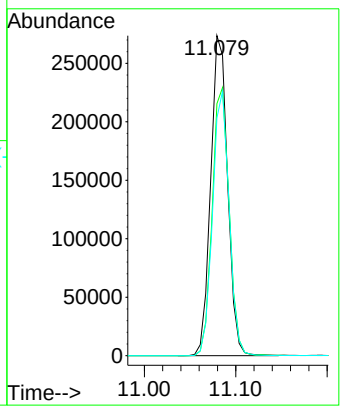


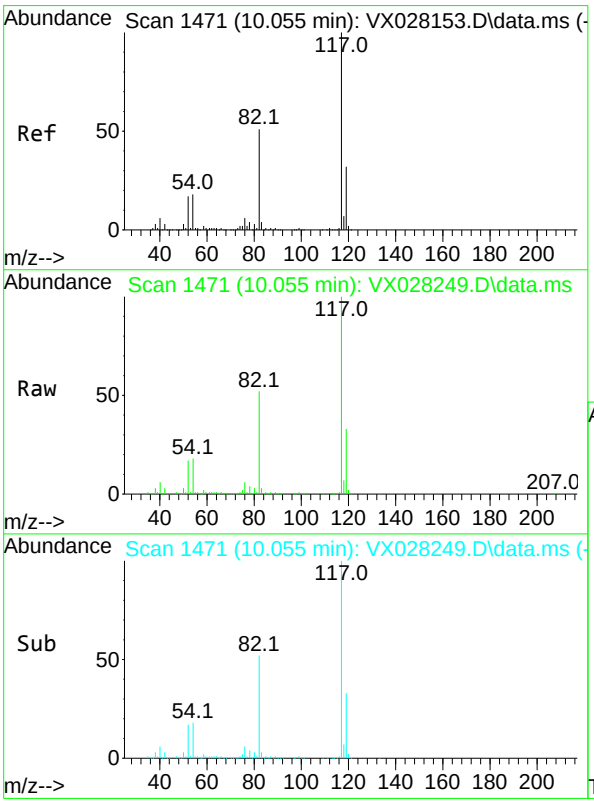
#62
4-Bromofluorobenzene
Concen: 48.610 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion: 95 Resp: 351601

Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	163.0
176	81.3	0.0	155.0

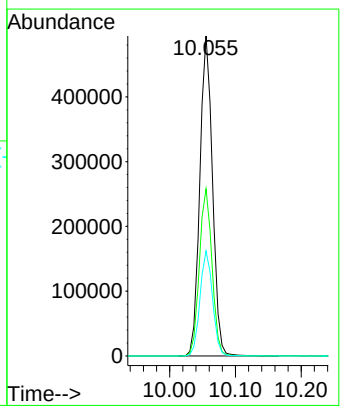


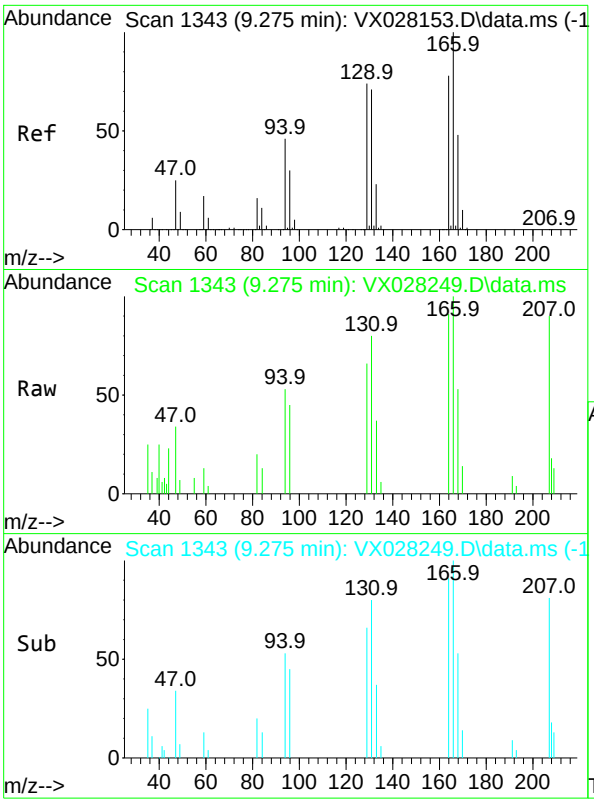


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion:117 Resp: 659544

Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.8	62.8
119	32.8	24.8	37.2



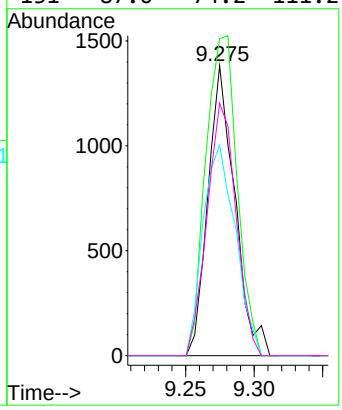


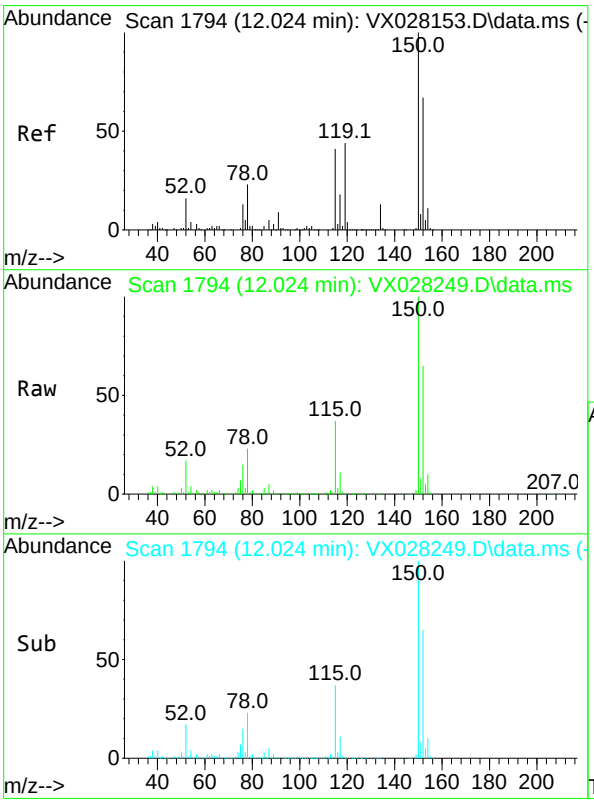
#64
Tetrachloroethene
Concen: 0.366 ug/l
RT: 9.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion:164 Resp: 1886

Ion	Ratio	Lower	Upper
164	100		
166	109.3	101.2	151.8
129	72.6	73.0	109.4#
131	87.0	74.2	111.2

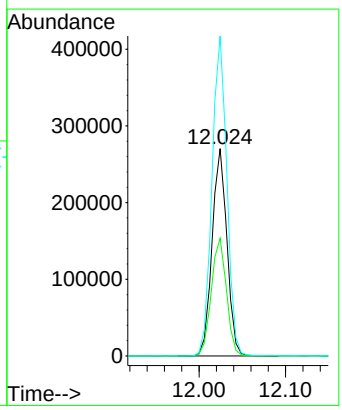


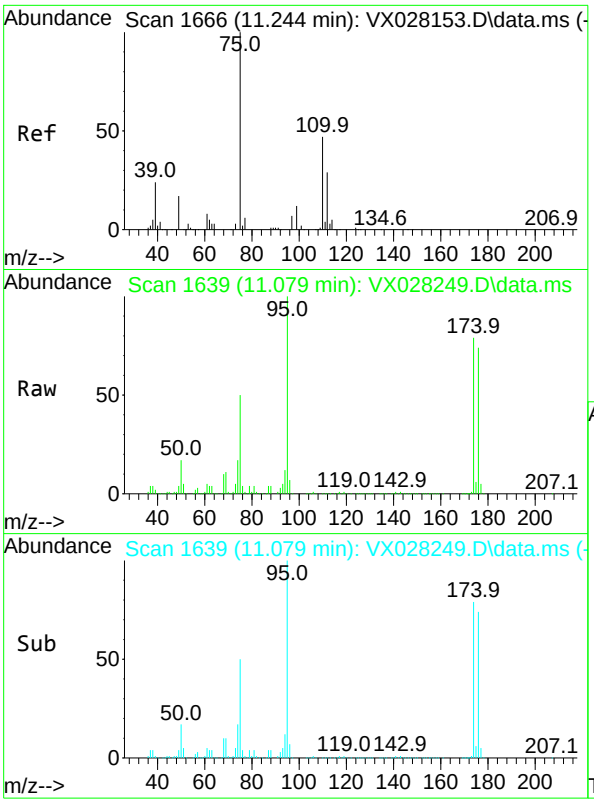


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion:152 Resp: 321935

Ion	Ratio	Lower	Upper
152	100		
115	57.9	37.5	112.7
150	154.6	0.0	338.2



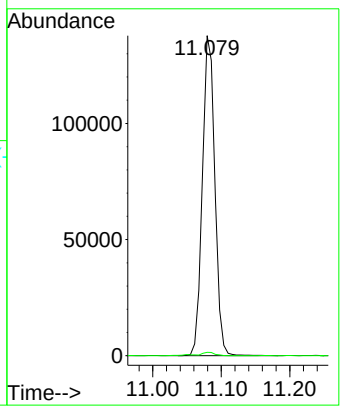


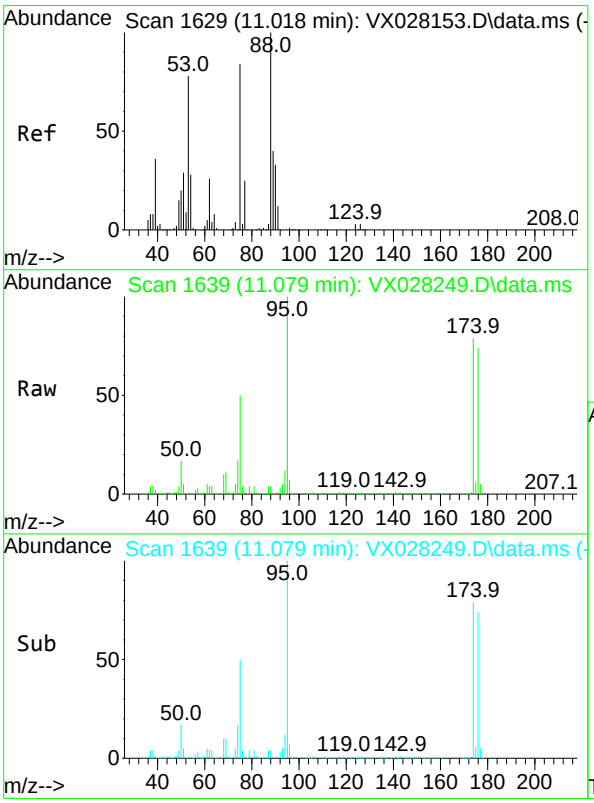
#76
1,2,3-Trichloropropane
Concen: 27.605 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.165 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion: 75 Resp: 174904

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.4	58.2#

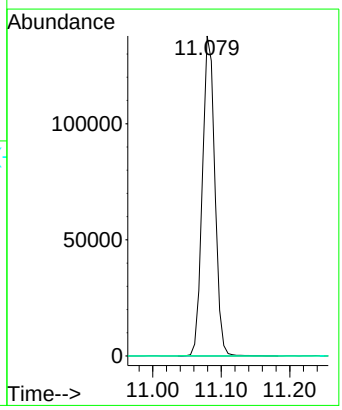


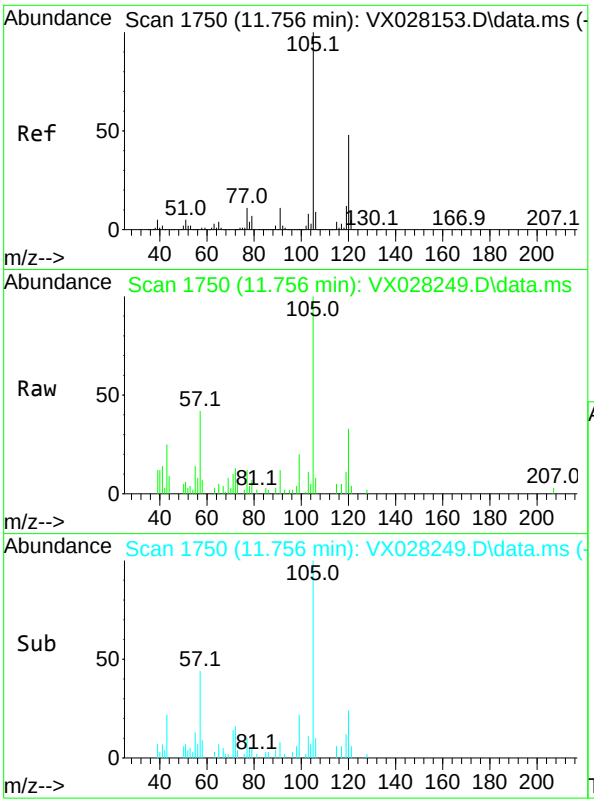


#81
trans-1,4-Dichloro-2-butene
Concen: 82.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 75 Resp: 174904

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.0	103.4#
89	0.0	37.0	55.6#



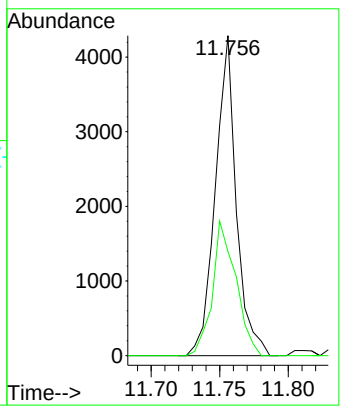


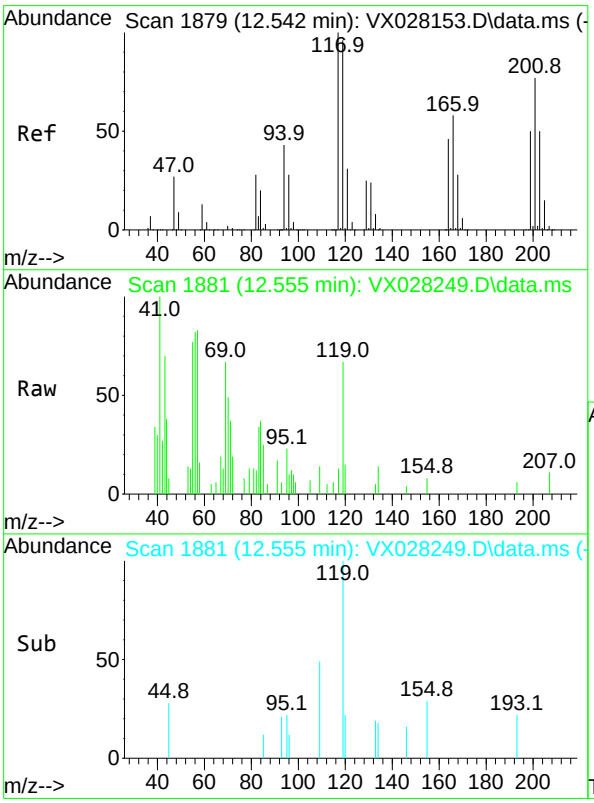
#84
1,2,4-Trimethylbenzene
Concen: 0.244 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion:105 Resp: 4547

Ion	Ratio	Lower	Upper
105	100		
120	47.1	22.6	67.8

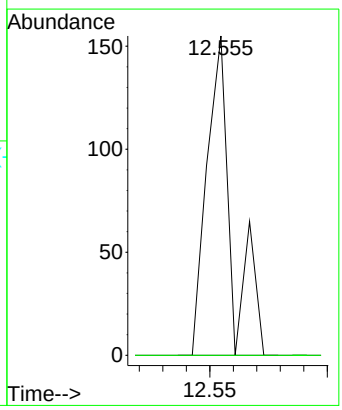


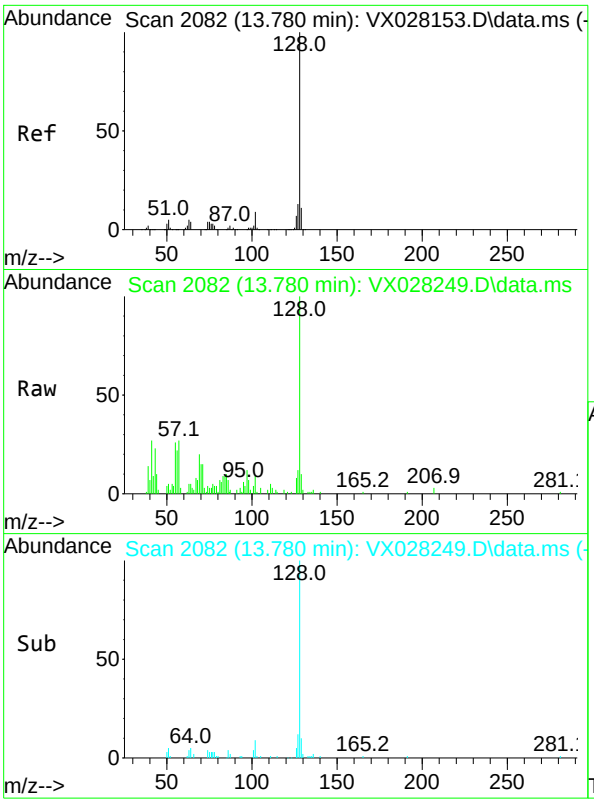


#90
Hexachloroethane
Concen: 1.844 ug/l
RT: 12.555 min Scan# 1881
Delta R.T. 0.013 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion:117 Resp: 114

Ion	Ratio	Lower	Upper
117	100		
201	0.0	39.5	118.5#





#95
Naphthalene
Concen: 0.395 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
4922B

Tgt Ion:128 Resp: 8427

Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.2	15.4#
129	12.9	8.7	13.1