Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
Data File : VX022982.D
Acq On : 28 Jun 2021 16:36
Operator : JC/MD
Sample : M2826-02 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LS-1(LIQUID-BLUE)

Quant Time: Jun 28 17:00:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	50347	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	102551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	87176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	44953	49.199	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.400%			
35) Dibromofluoromethane	5.397	113	31058	47.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.380%			
50) Toluene-d8	8.653	98	124564	48.805	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.620%			
62) 4-Bromofluorobenzene	11.085	95	42714	44.843	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.680%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	187	0.472	ug/l #	75
10) Methyl Iodide	2.477	142	171	4.079	ug/l #	42
11) Tert butyl alcohol	2.940	59	647	3.398	ug/l #	73
13) Acrolein	2.251	56	795	6.713	ug/l #	82
16) Acetone	2.391	43	4236	10.458	ug/l	98
17) Carbon Disulfide	2.519	76	247	3.645	ug/l #	75
20) Methylene Chloride	2.794	84	567	1.073	ug/l #	86
22) Diisopropyl ether	3.861	45	2142	0.830	ug/l #	1
23) Vinyl Acetate	3.867	43	5610	2.591	ug/l #	68
25) 2-Butanone	4.580	43	1640	2.604	ug/l	97
29) Tetrahydrofuran	5.019	42	22025	54.361	ug/l #	84
31) Cyclohexane	5.556	56	1876	1.454	ug/l #	61
36) 1,1-Dichloropropene	5.556	75	5372	4.932	ug/l #	48
38) Carbon Tetrachloride	5.562	117	6272	6.865	ug/l #	17
41) Methacrylonitrile	5.031	41	12450	17.911	ug/l #	43
51) 4-Methyl-2-Pentanone	8.585	43	369	0.292	ug/l #	84
74) N-amyl acetate	10.859	43	59	2.090	ug/l #	46
76) 1,2,3-Trichloropropane	11.085	75	23660	26.719	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	23660	69.283	ug/l #	12
95) Naphthalene	13.786	128	278	2.020	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.975	180	163	0.263	ug/l #	4

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

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)

Quant Time: Jun 28 17:00:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
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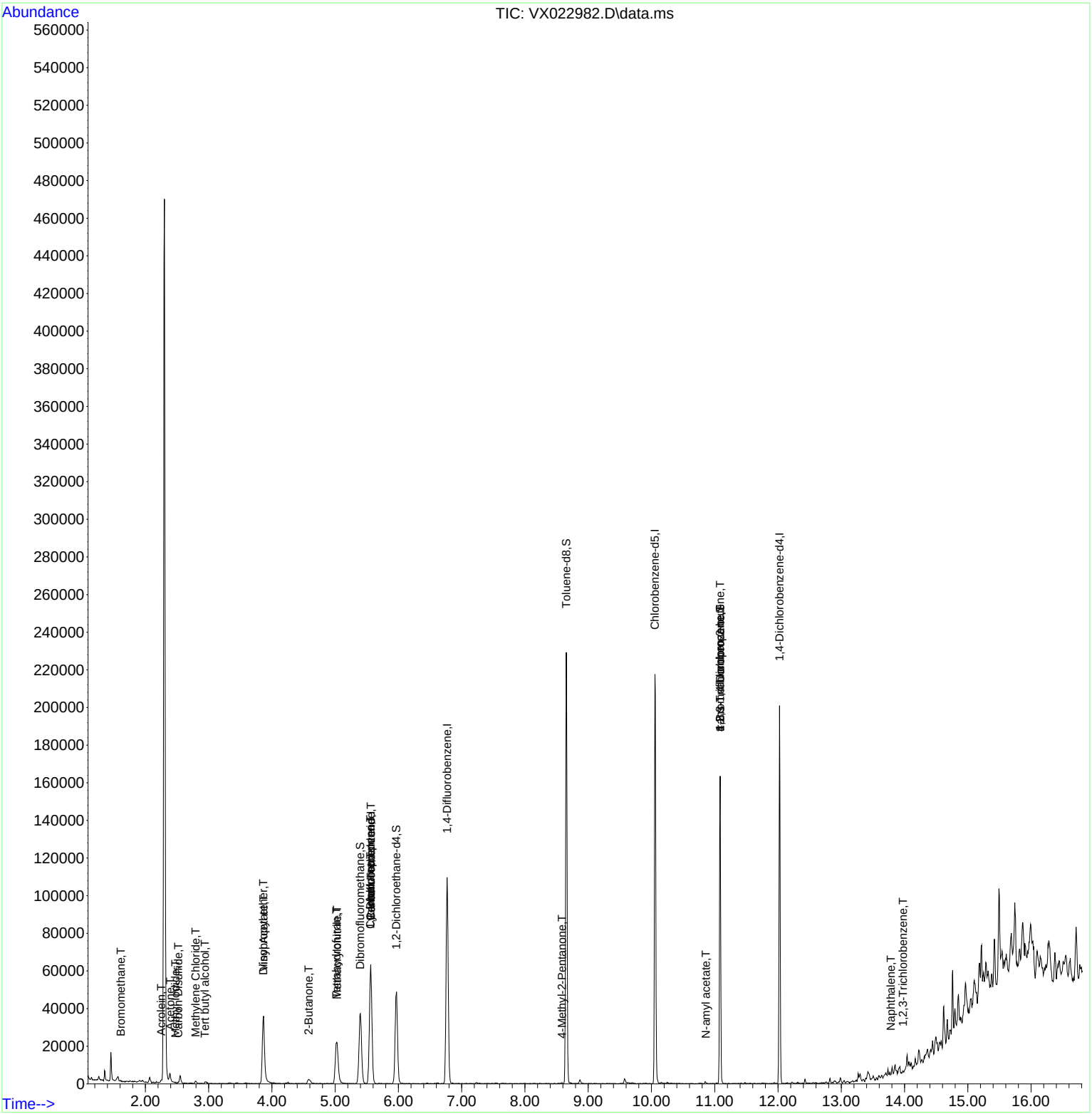
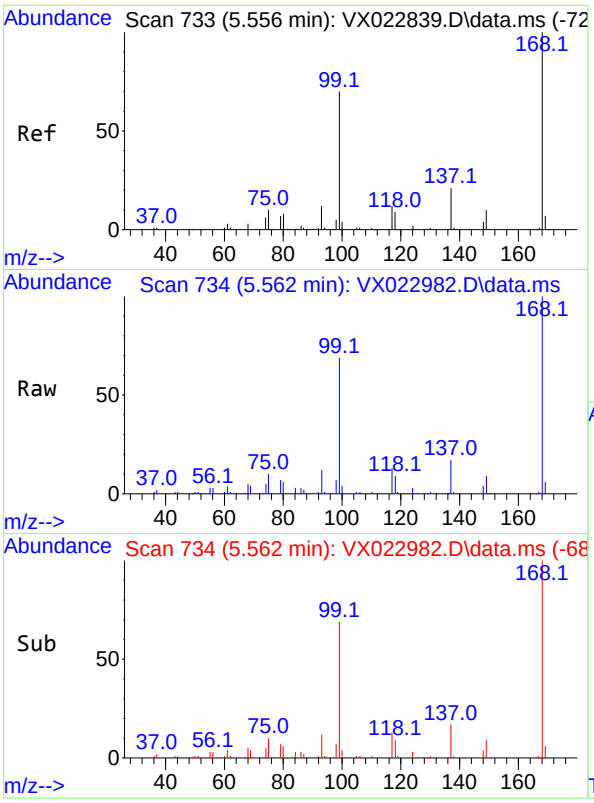
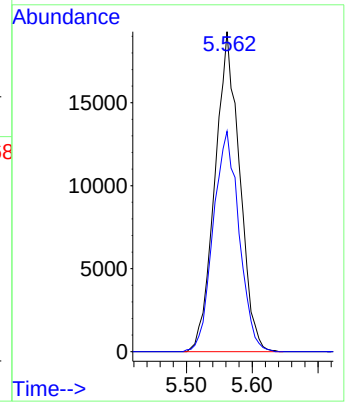




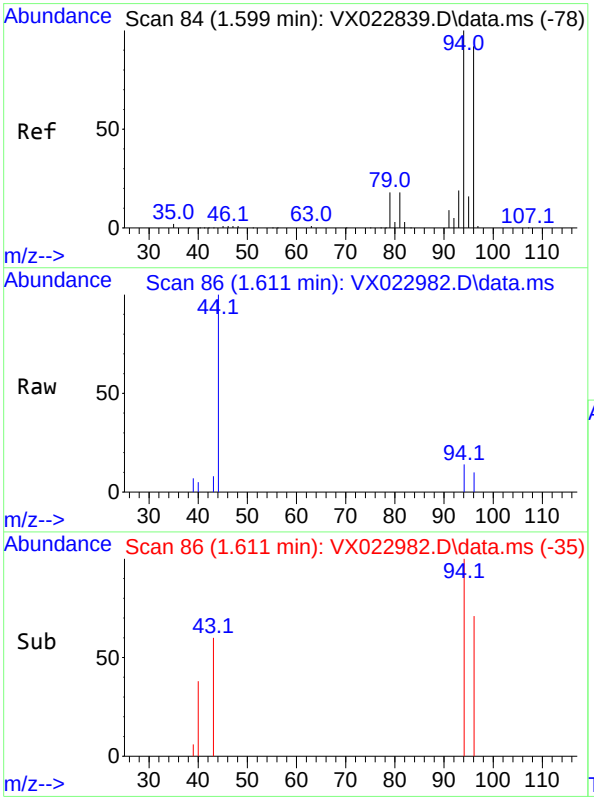
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion:168 Resp: 50347

Ion	Ratio	Lower	Upper
168	100		
99	68.9	45.8	68.6#



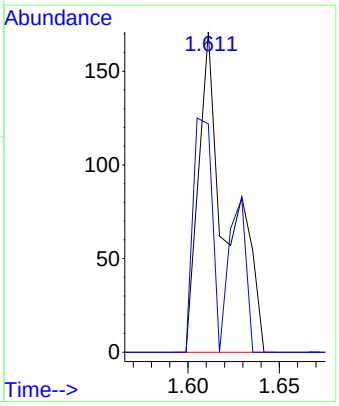
Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)

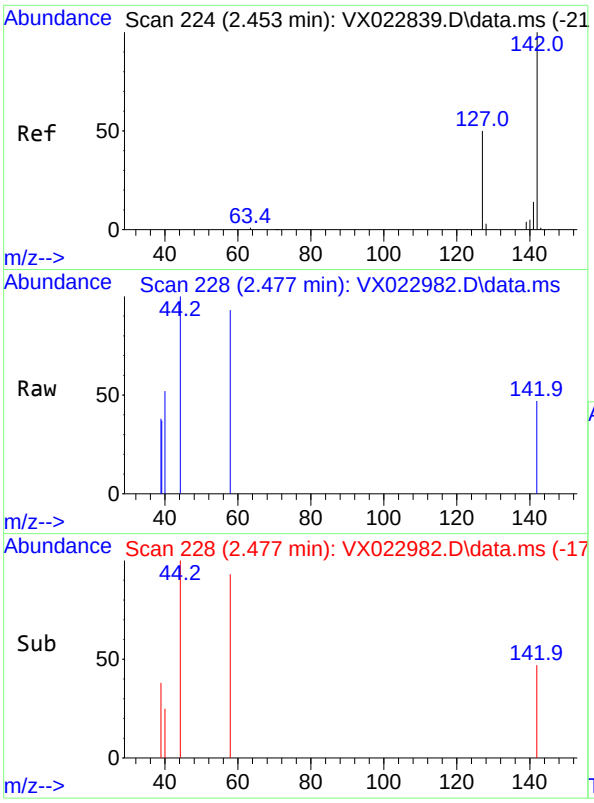


#5
Bromomethane
Concen: 0.472 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 94 Resp: 187

Ion	Ratio	Lower	Upper
94	100		
96	71.3	76.4	114.6#

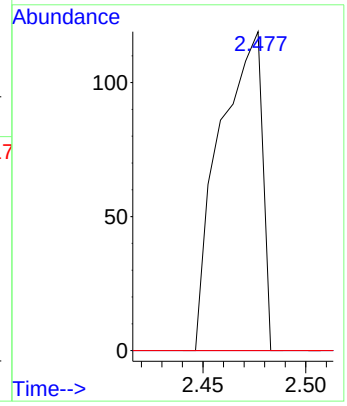




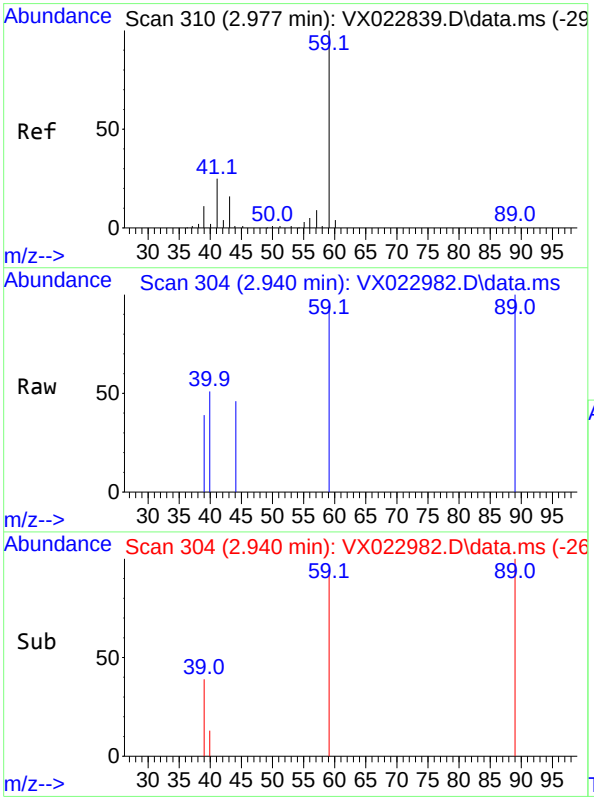
#10
Methyl Iodide
Concen: 4.079 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.024 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion:142 Resp: 171

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.3	49.9#
141	0.0	11.4	17.0#



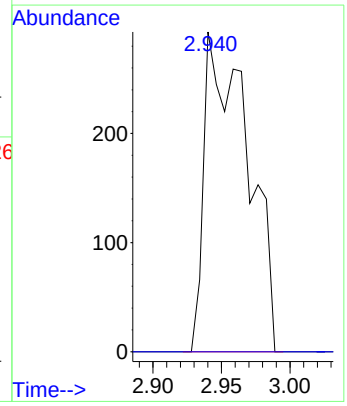
Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)

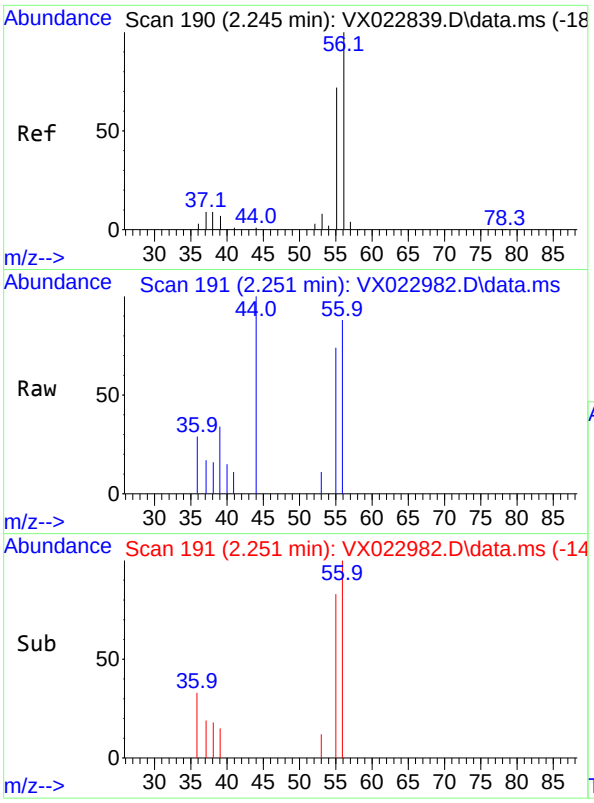


#11
Tert butyl alcohol
Concen: 3.398 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 59 Resp: 647

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

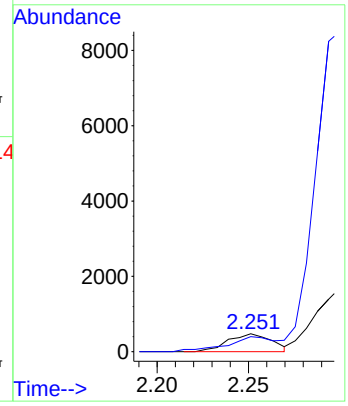




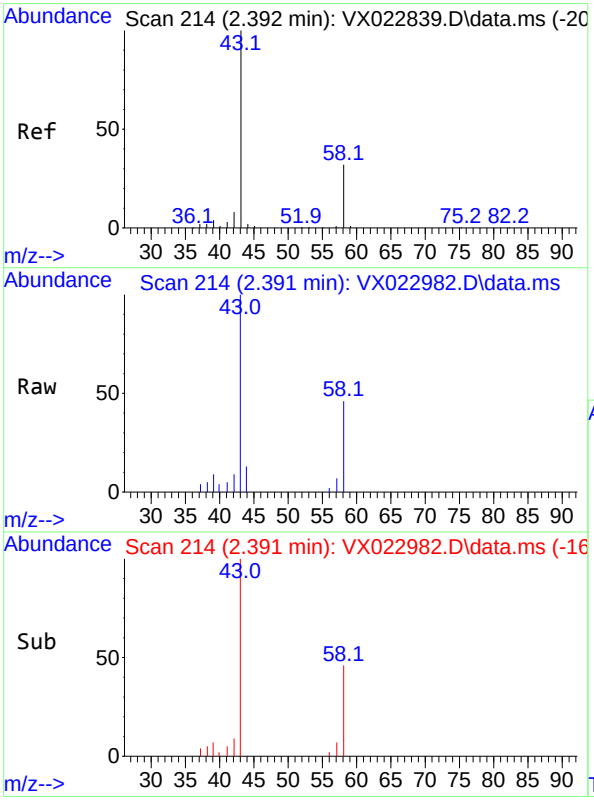
#13
Acrolein
Concen: 6.713 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 56 Resp: 795

Ion	Ratio	Lower	Upper
56	100		
55	85.4	56.4	84.6#



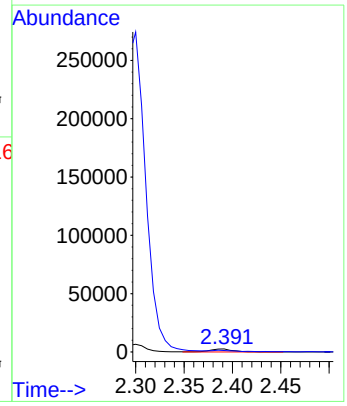
Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)

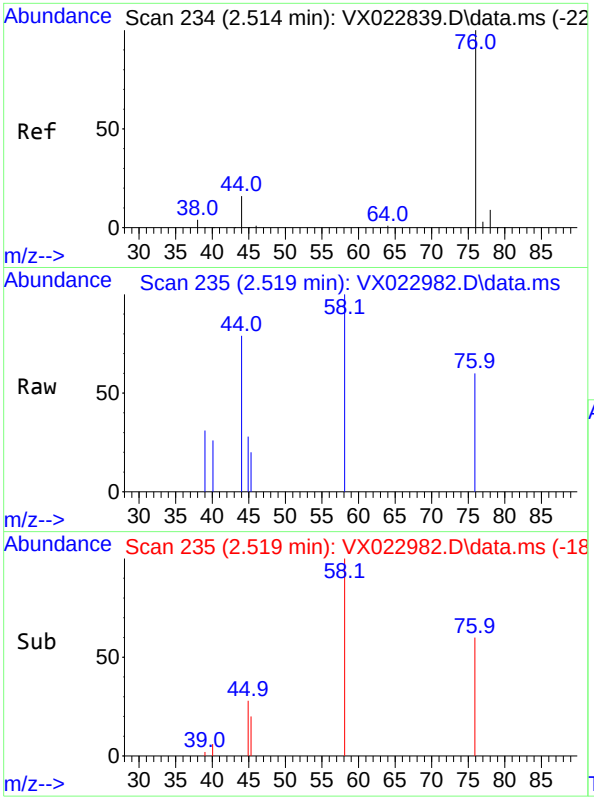


#16
Acetone
Concen: 10.458 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 43 Resp: 4236

Ion	Ratio	Lower	Upper
43	100		
58	33.5	27.8	41.8

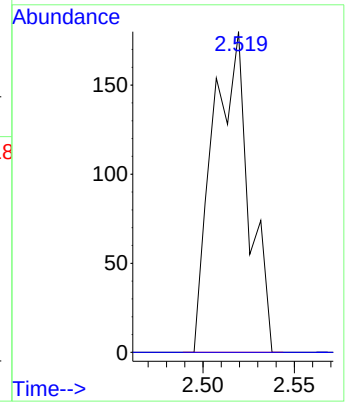




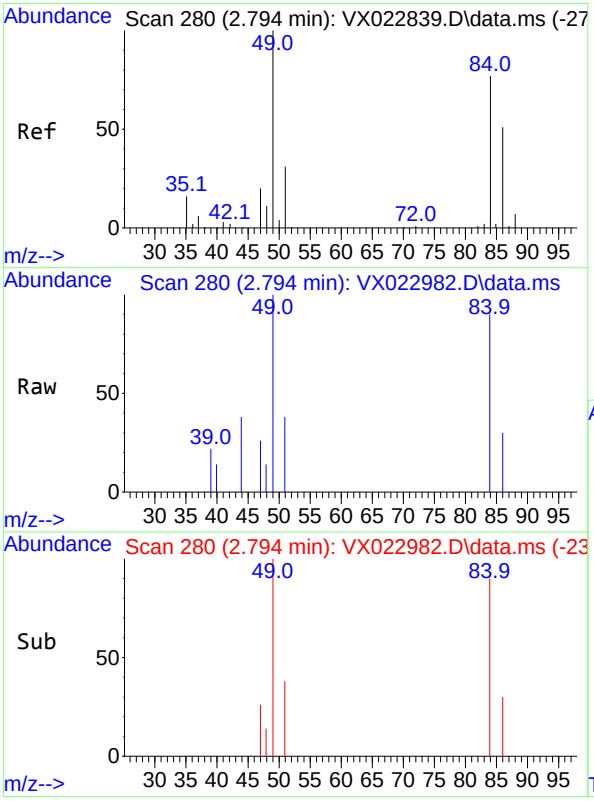
#17
Carbon Disulfide
Concen: 3.645 ug/l
RT: 2.519 min Scan# 235
Delta R.T. 0.005 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 76 Resp: 247

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



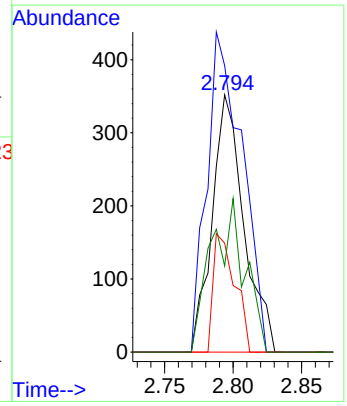
Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)

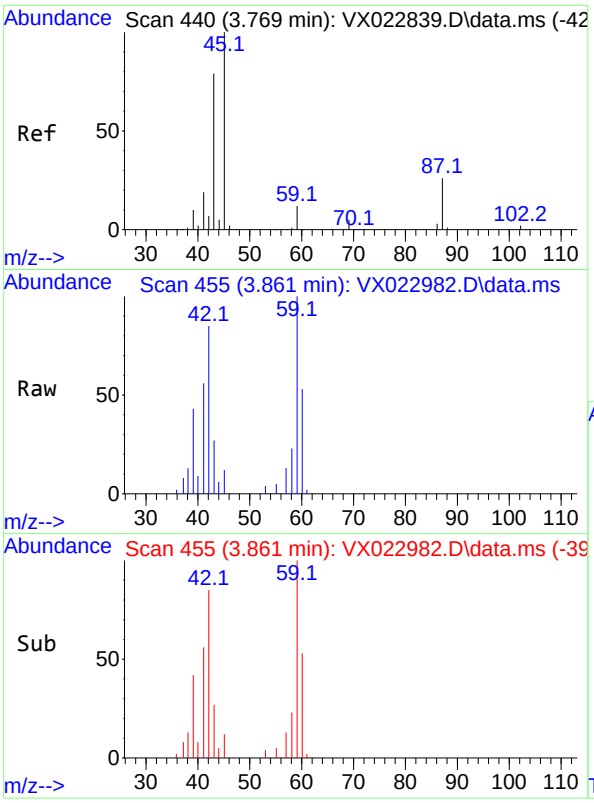


#20
Methylene Chloride
Concen: 1.073 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 84 Resp: 567

Ion	Ratio	Lower	Upper
84	100		
49	111.4	88.6	132.8
51	42.3	27.0	40.6#
86	33.5	50.3	75.5#

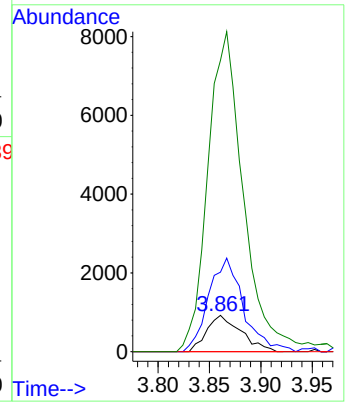




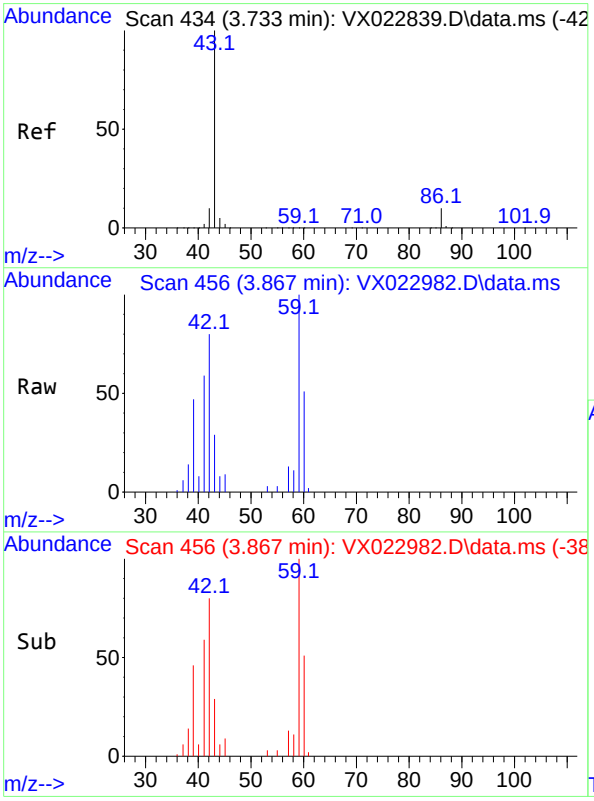
#22
Diisopropyl ether
Concen: 0.830 ug/l
RT: 3.861 min Scan# 455
Delta R.T. 0.092 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 45 Resp: 2142

Ion	Ratio	Lower	Upper
45	100		
43	219.5	58.0	87.0#
87	0.0	25.4	38.0#
59	785.9	10.2	15.2#



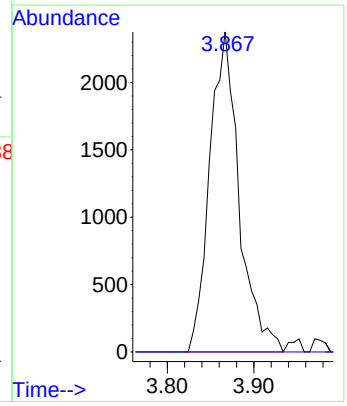
Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)

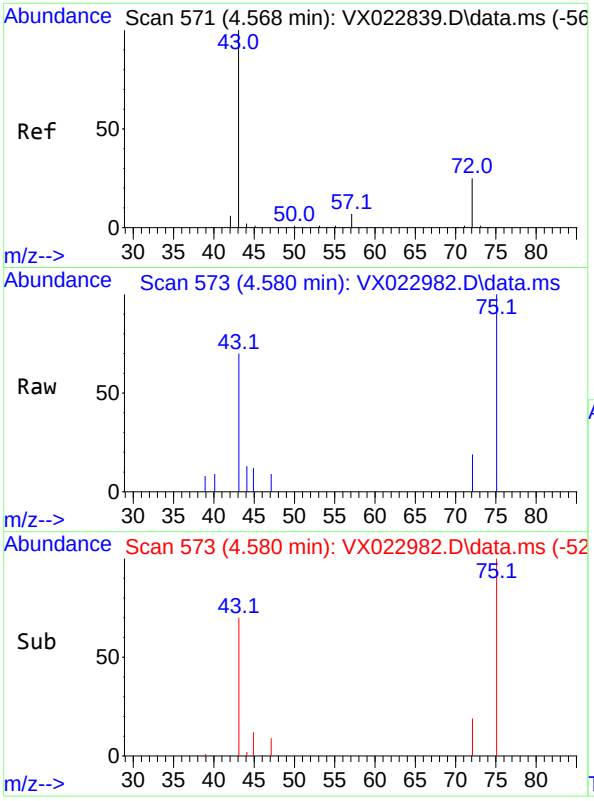


#23
Vinyl Acetate
Concen: 2.591 ug/l
RT: 3.867 min Scan# 456
Delta R.T. 0.134 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 43 Resp: 5610

Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.9	14.9#

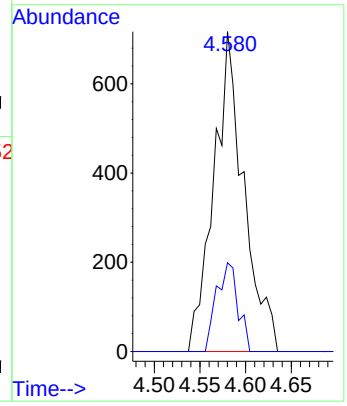




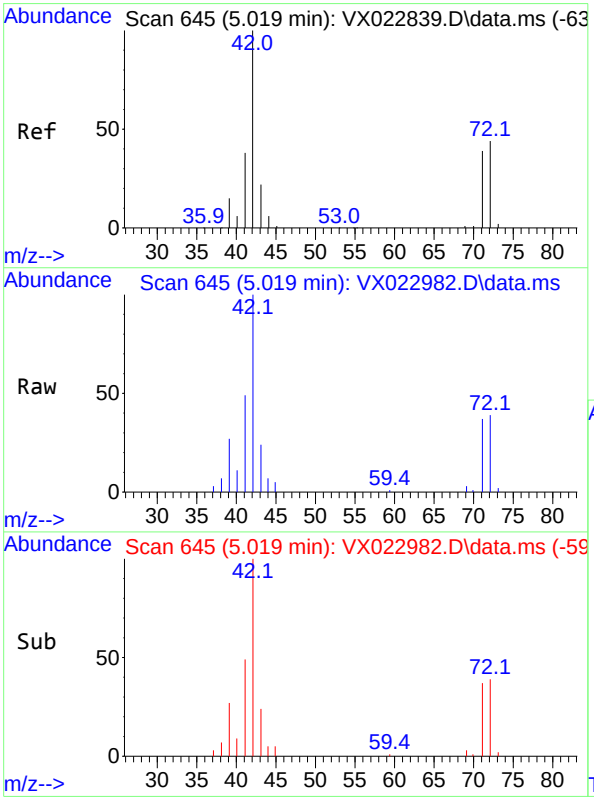
#25
2-Butanone
Concen: 2.604 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 43 Resp: 1640

Ion	Ratio	Lower	Upper
43	100		
72	27.8	23.7	35.5



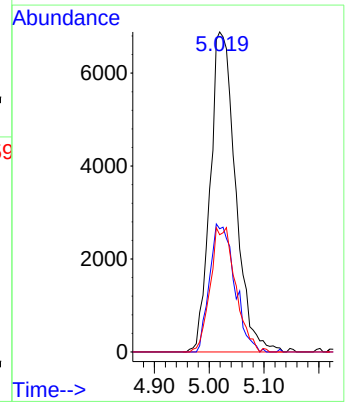
Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)

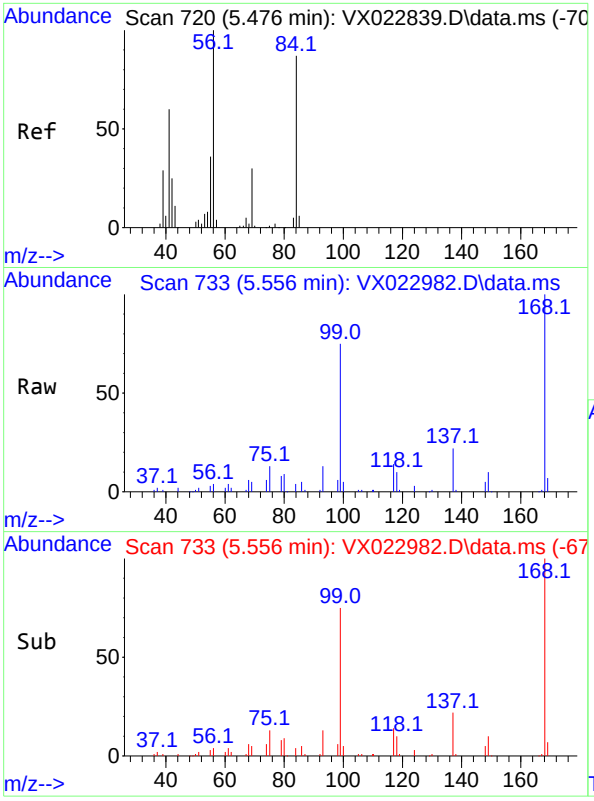


#29
Tetrahydrofuran
Concen: 54.361 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.000 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 42 Resp: 22025

Ion	Ratio	Lower	Upper
42	100		
72	39.7	41.7	62.5#
71	38.7	38.4	57.6

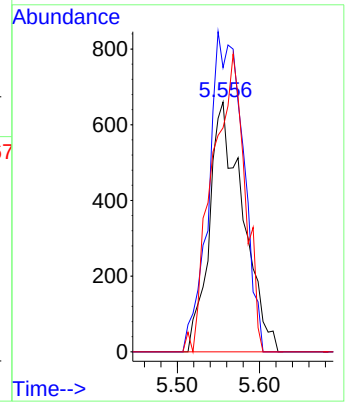




#31
Cyclohexane
Concen: 1.454 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 56 Resp: 1876

Ion	Ratio	Lower	Upper
56	100		
69	113.8	25.3	37.9#
84	89.7	71.4	107.0



Instrument :
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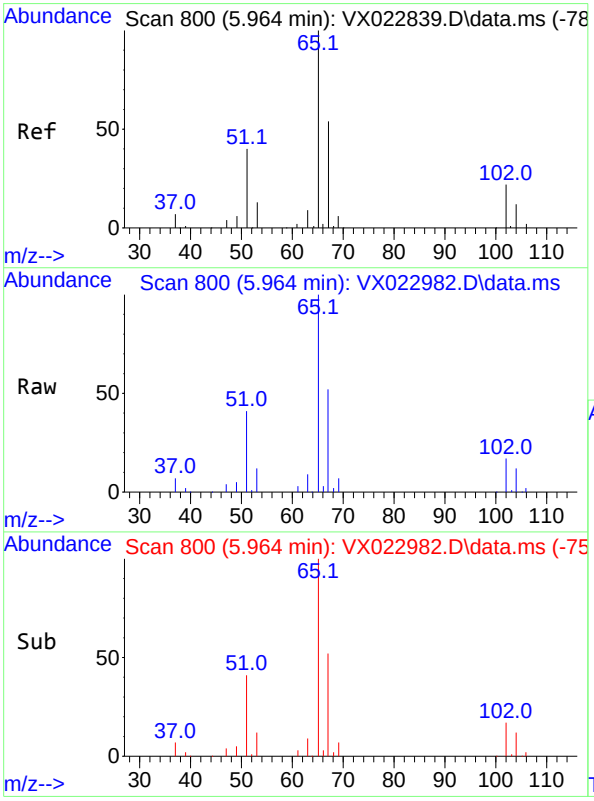
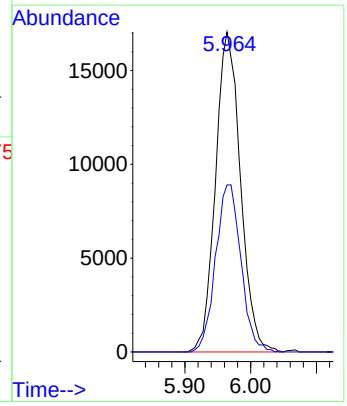


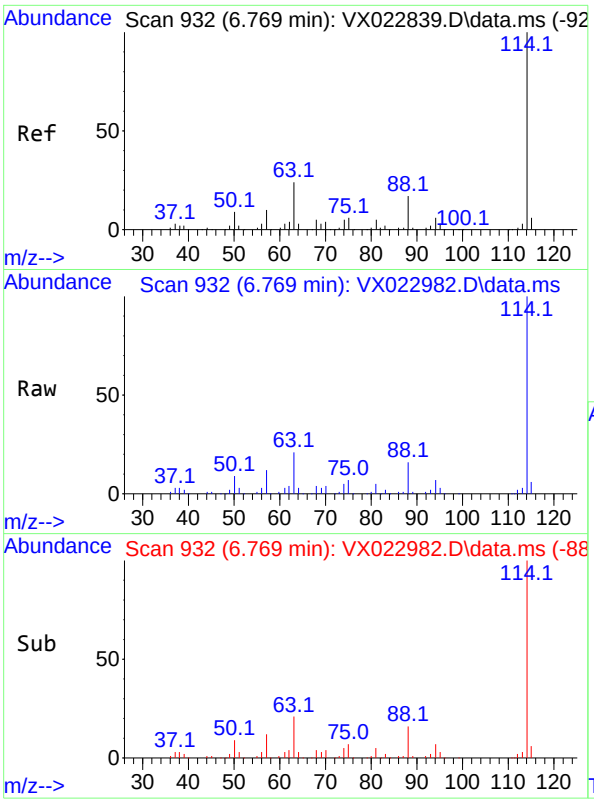
#33
1,2-Dichloroethane-d4
Concen: 49.199 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 65 Resp: 44953

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.4



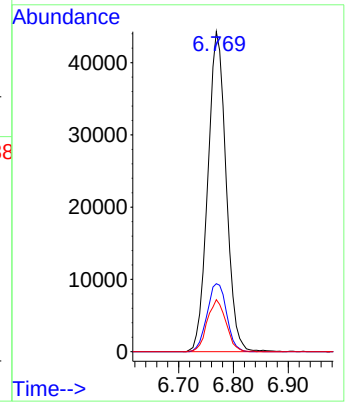
Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)

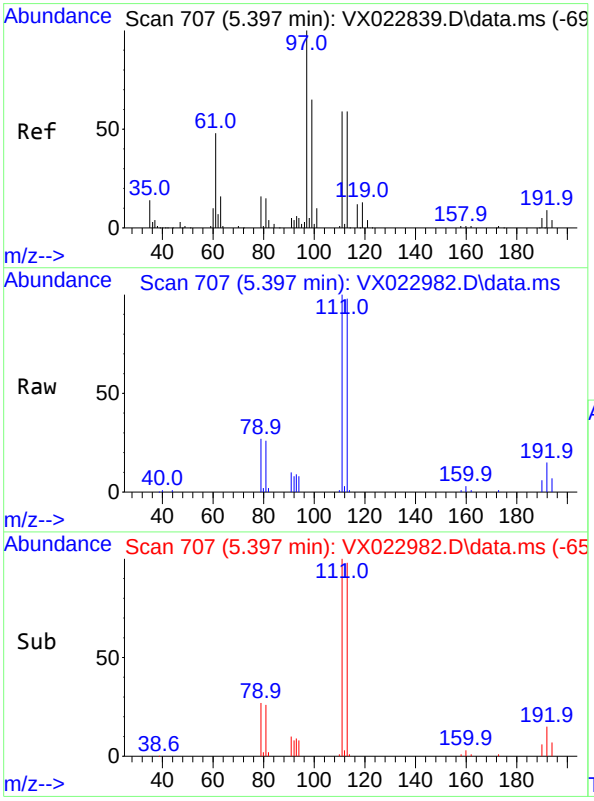


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion:114 Resp: 102551

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.8
88	16.3	0.0	32.8

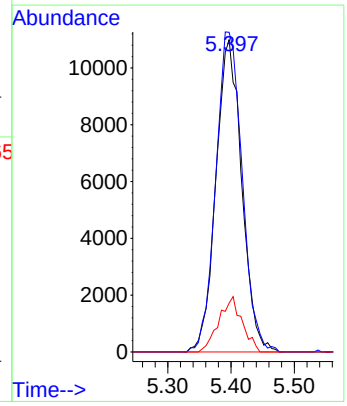




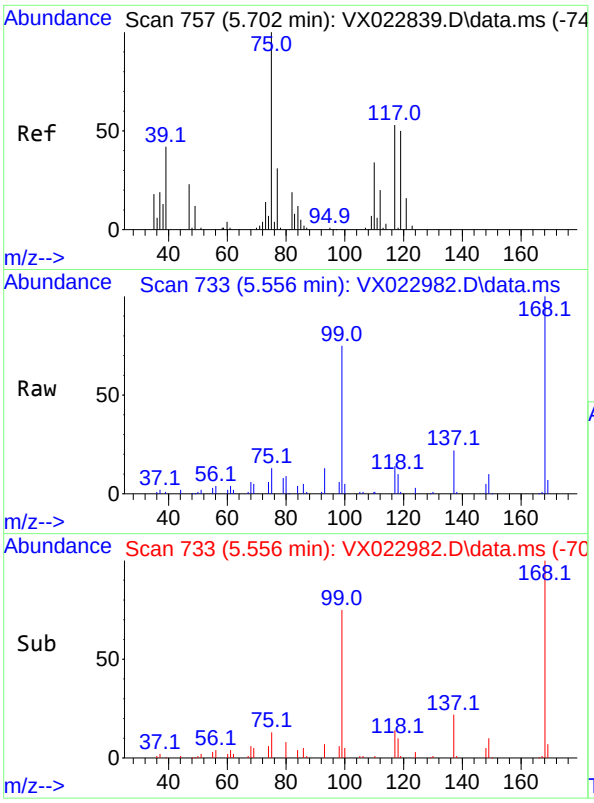
#35
Dibromofluoromethane
Concen: 47.692 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion:113 Resp: 31058

Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.9	122.9
192	15.9	16.7	25.1#



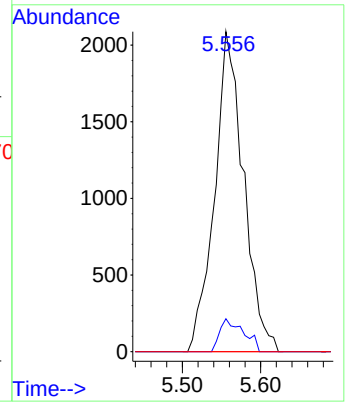
Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)

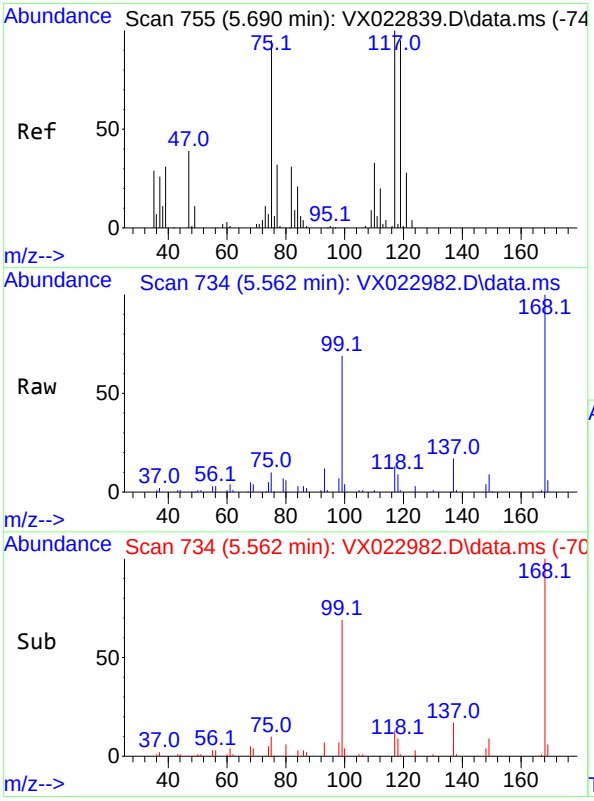


#36
1,1-Dichloropropene
Concen: 4.932 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 75 Resp: 5372

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	25.3	37.9#

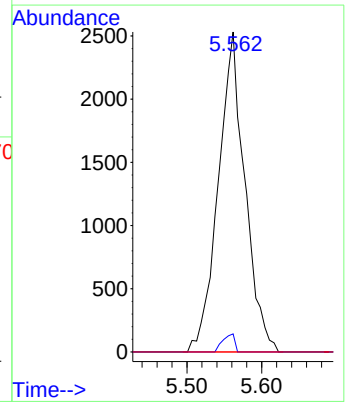




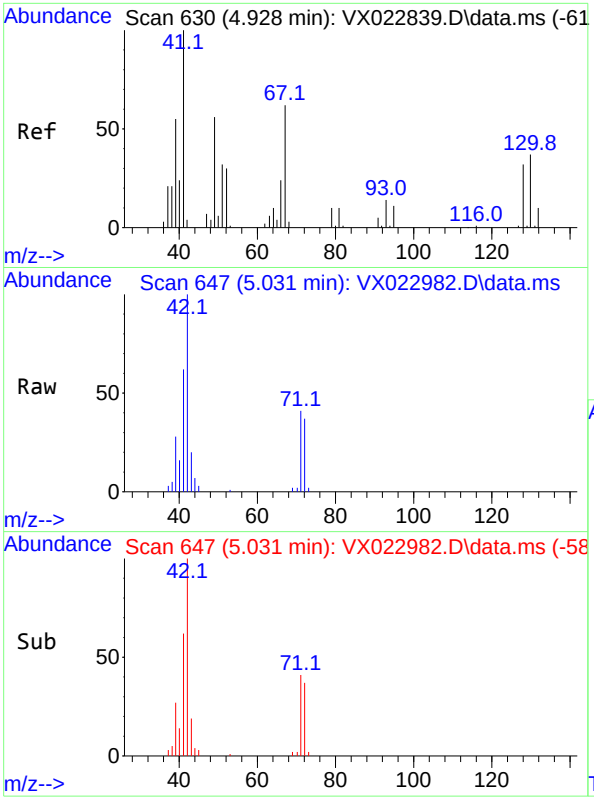
#38
Carbon Tetrachloride
Concen: 6.865 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion:117 Resp: 6272

Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.2	114.2#
121	0.0	24.8	37.2#



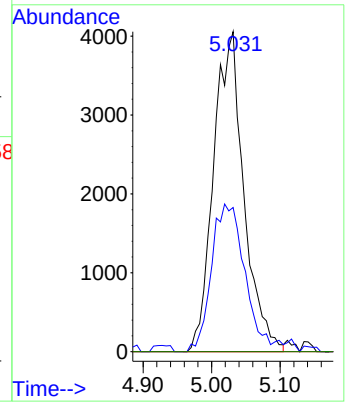
Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)

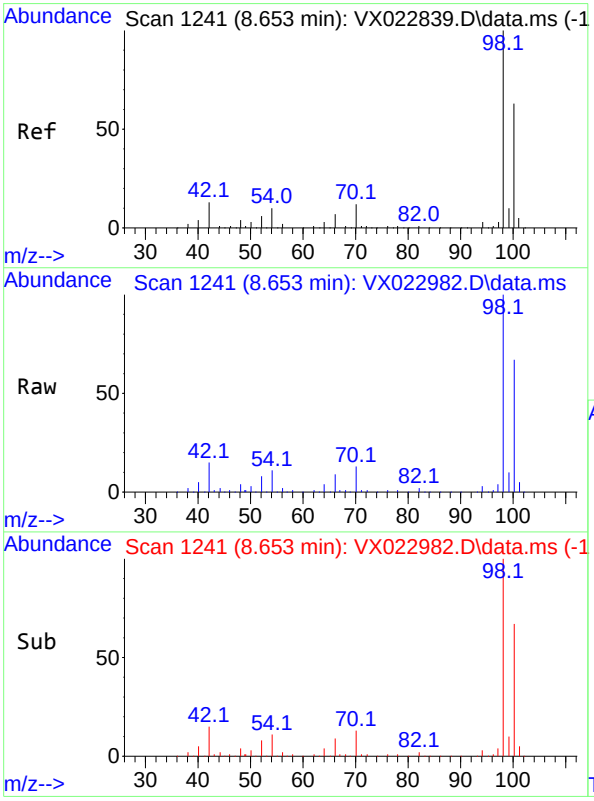


#41
Methacrylonitrile
Concen: 17.911 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.103 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 41 Resp: 12450

Ion	Ratio	Lower	Upper
41	100		
39	50.6	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

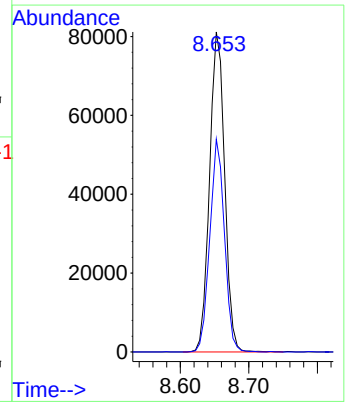




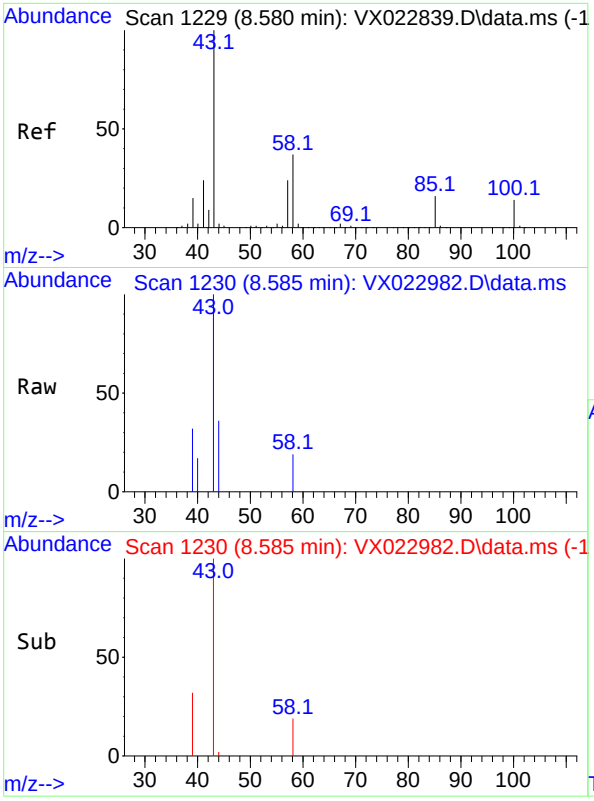
#50
Toluene-d8
Concen: 48.805 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 98 Resp: 124564

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9



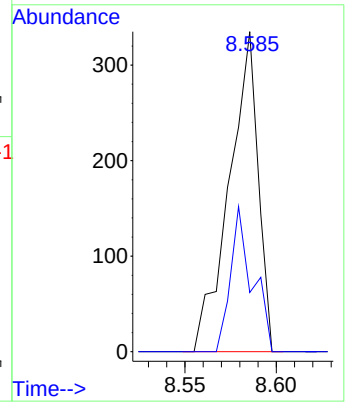
Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)

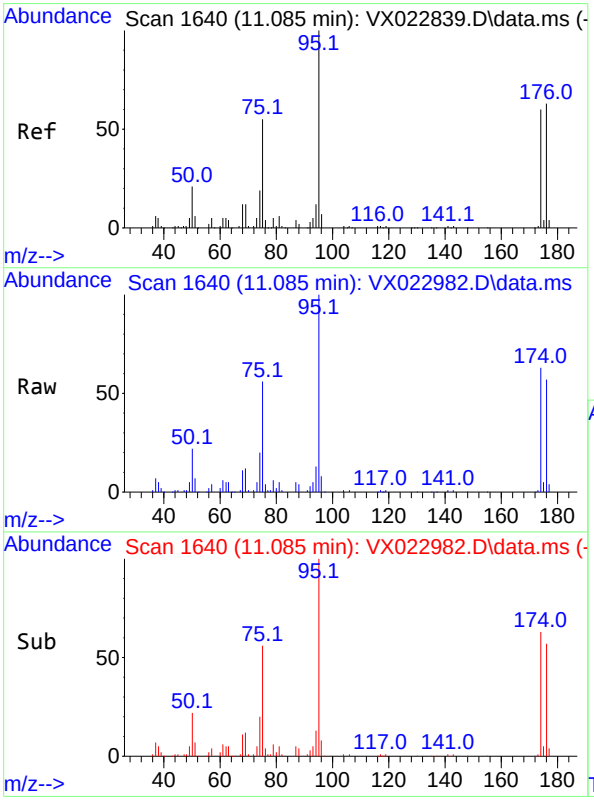


#51
4-Methyl-2-Pentanone
Concen: 0.292 ug/l
RT: 8.585 min Scan# 1230
Delta R.T. 0.005 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 43 Resp: 369

Ion	Ratio	Lower	Upper
43	100		
58	34.1	35.4	53.0#

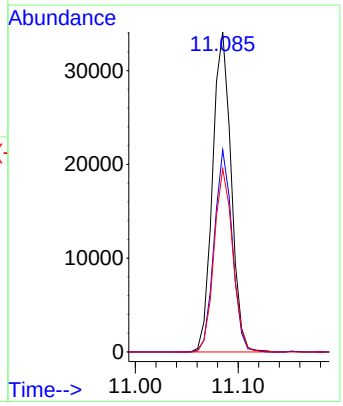


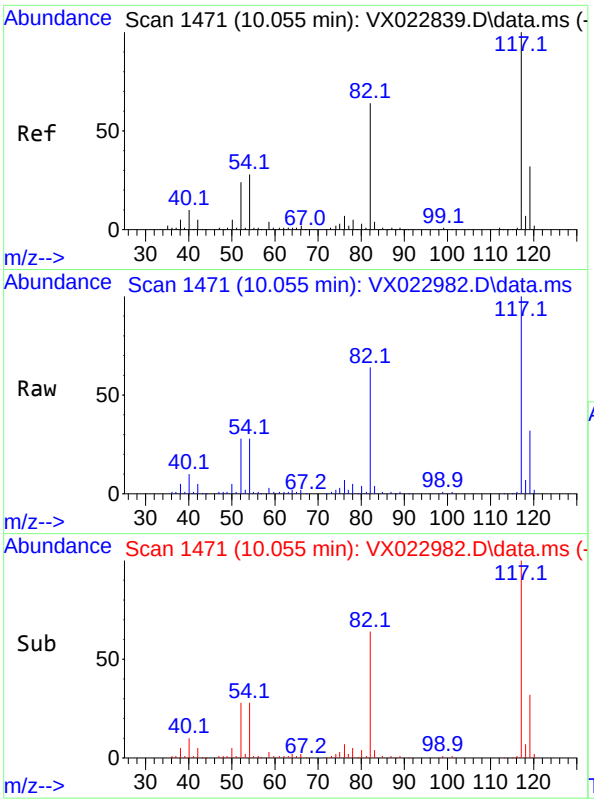


#62
4-Bromofluorobenzene
Concen: 44.843 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 95 Resp: 42714

Ion	Ratio	Lower	Upper
95	100		
174	61.1	0.0	154.6
176	57.5	0.0	155.8

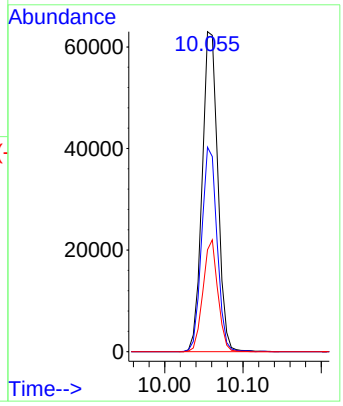




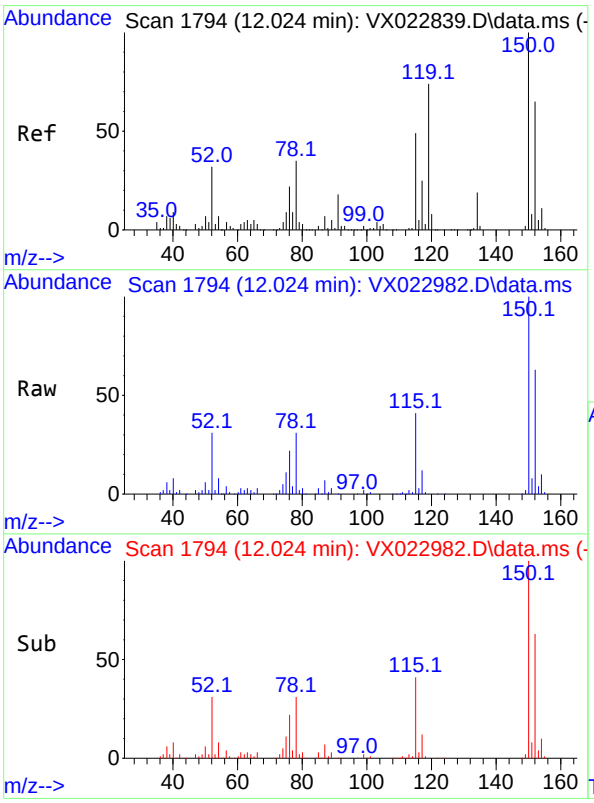
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion:117 Resp: 87176

Ion	Ratio	Lower	Upper
117	100		
82	63.9	47.4	71.2
119	31.9	26.6	39.8



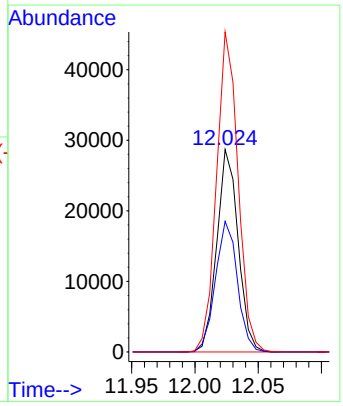
Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)



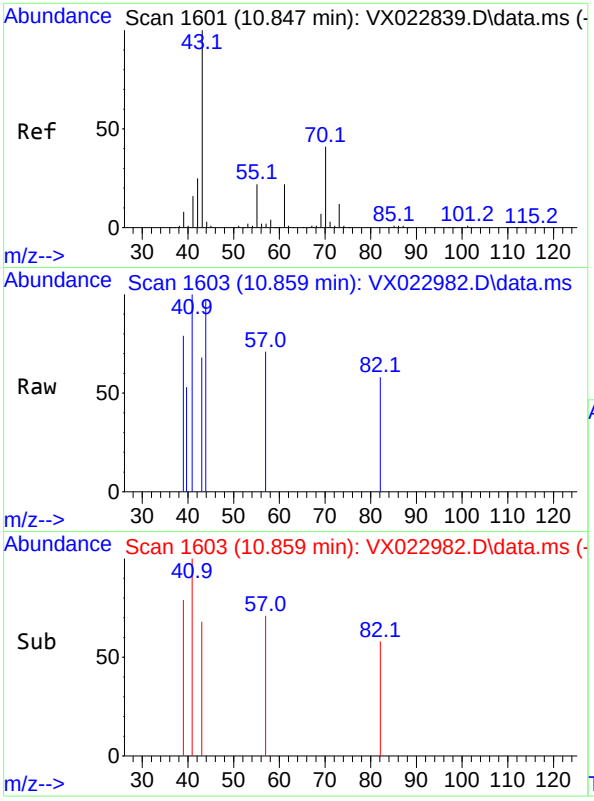
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion:152 Resp: 33524

Ion	Ratio	Lower	Upper
152	100		
115	66.7	41.1	123.3
150	159.7	0.0	349.0



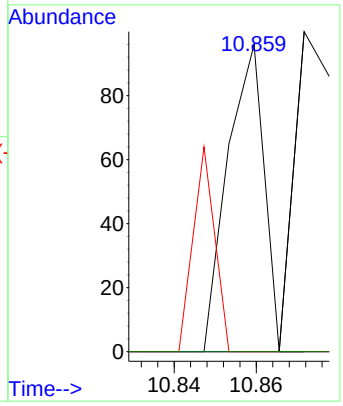
Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)

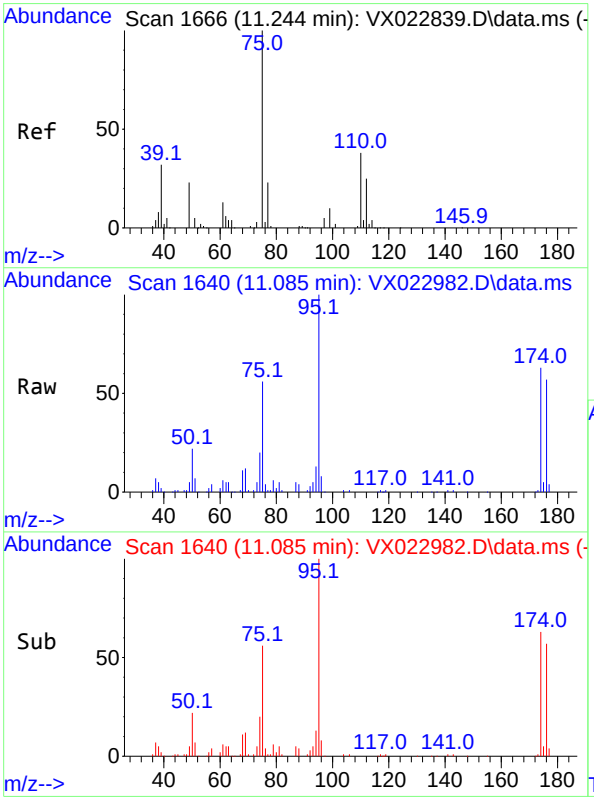


#74
N-amyl acetate
Concen: 2.090 ug/l
RT: 10.859 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 43 Resp: 59

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	39.0	21.5	32.3#
61	0.0	22.1	33.1#

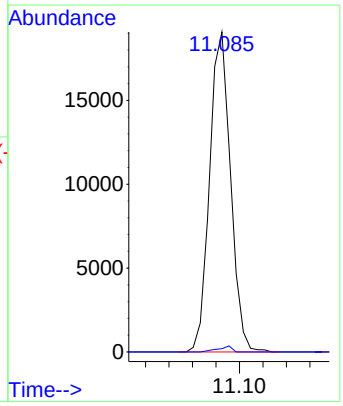


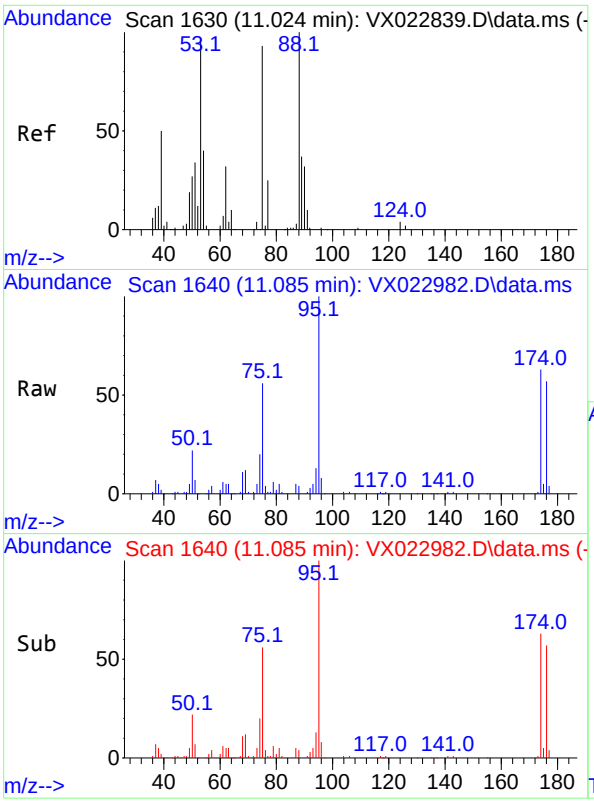


#76
1,2,3-Trichloropropane
Concen: 26.719 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 75 Resp: 23660

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#

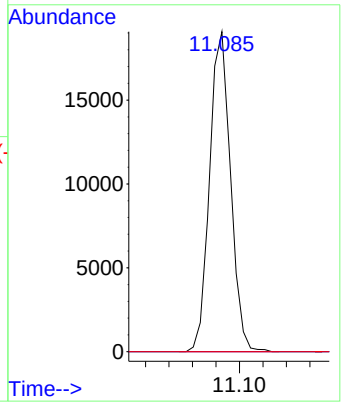




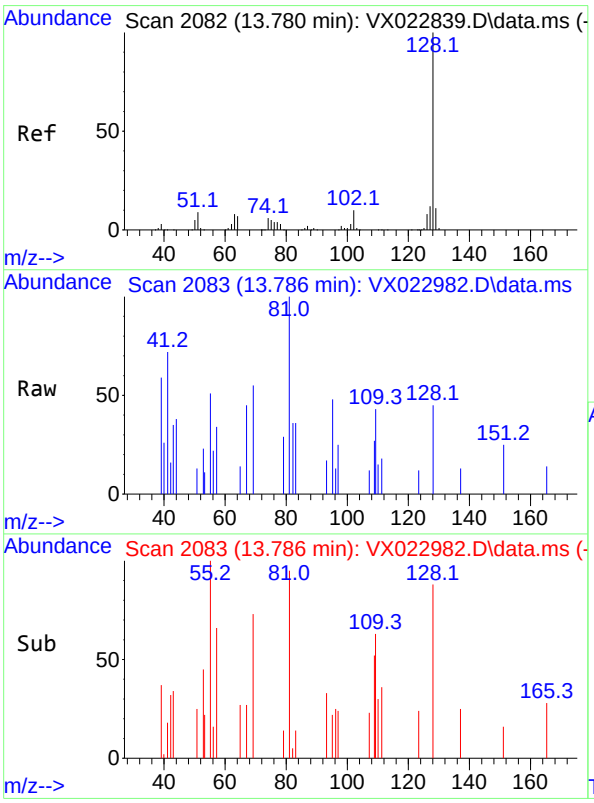
#81
trans-1,4-Dichloro-2-butene
Concen: 69.283 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion: 75 Resp: 23660

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#



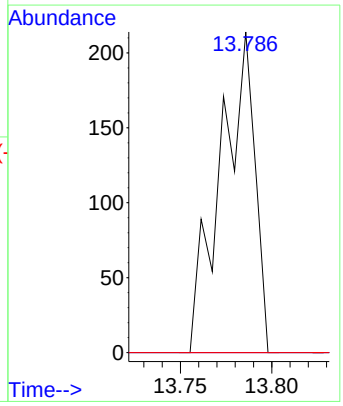
Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)

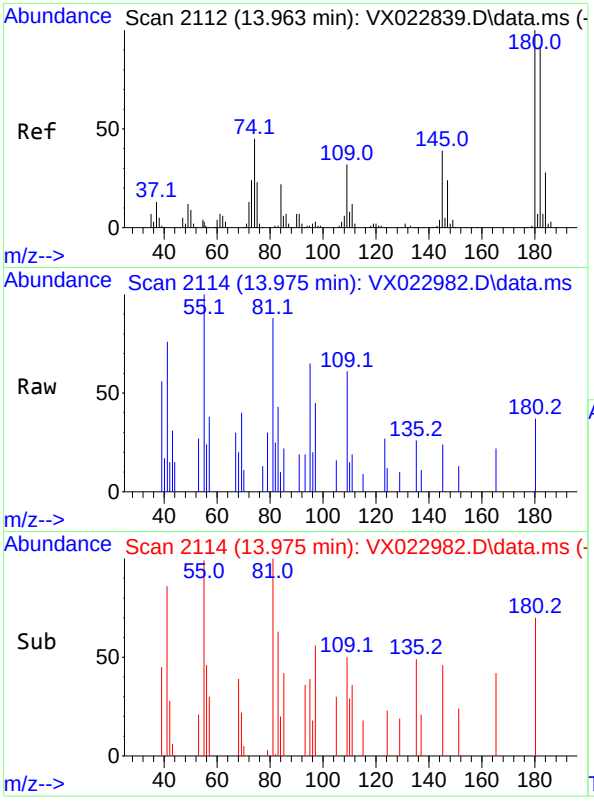


#95
Naphthalene
Concen: 2.020 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion:128 Resp: 278

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

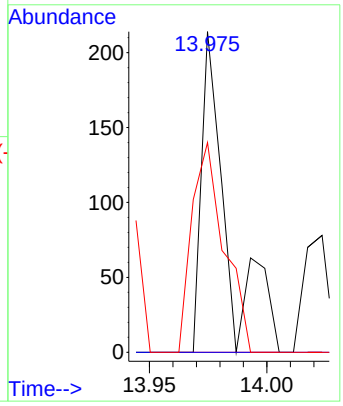




#96
1,2,3-Trichlorobenzene
Concen: 0.263 ug/l
RT: 13.975 min Scan# 2114
Delta R.T. 0.012 min
Lab File: VX022982.D
Acq: 28 Jun 2021 16:36

Tgt Ion:180 Resp: 163

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.6	142.9#
145	82.2	16.1	48.3#



Instrument :
MSVOA_X
ClientSampleId :
LS-1(LIQUID-BLUE)