Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
Data File : VX020621.D
Acq On : 14 Jan 2021 18:31
Operator : JC/MD
Sample : M1090-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BORE-3-1FT-7FT

Quant Time: Jan 15 05:12:32 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.629	168	191923	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.830	114	324790	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.097	117	313732	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	133119	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.025	65	116986	50.75	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.50%				
35) Dibromofluoromethane	5.464	113	105642	46.94	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.88%				
50) Toluene-d8	8.695	98	363875	45.19	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 90.38%				
62) 4-Bromofluorobenzene	11.122	95	134626	47.34	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.68%				
Target Compounds							Qvalue
6) Chloroethane	1.709	64	139	0.52	ug/l	#	43
11) Tert butyl alcohol	2.989	59	2890	4.61	ug/l	#	76
16) Acetone	2.416	43	9524	8.28	ug/l		96
18) Methyl Acetate	2.745	43	1082	0.53	ug/l		99
20) Methylene Chloride	2.830	84	14505	6.66	ug/l		93
25) 2-Butanone	4.635	43	5412	4.34	ug/l		99
29) Tetrahydrofuran	5.111	42	860	1.13	ug/l	#	69
31) Cyclohexane	5.623	56	3412	1.26	ug/l	#	1
36) 1,1-Dichloropropene	5.629	75	13050	4.40	ug/l	#	50
38) Carbon Tetrachloride	5.629	117	18395	5.31	ug/l	#	17
41) Methacrylonitrile	5.104	41	461	0.33	ug/l	#	36
43) Isopropyl Acetate	6.403	43	13166	3.15	ug/l		99
48) Methyl methacrylate	7.647	41	3777	1.86	ug/l	#	10
49) 1,4-Dioxane	7.854	88	96	1.87	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.592	43	47365	18.27	ug/l	#	48
54) cis-1,3-Dichloropropene	8.592	75	28040	7.58	ug/l	#	57
57) 1,3-Dichloropropane	9.524	76	17060	4.38	ug/l	#	43
59) 2-Hexanone	9.524	43	179712	92.49	ug/l	#	49
74) N-amyl acetate	10.805	43	1080	1.57	ug/l	#	46
76) 1,2,3-Trichloropropane	11.122	75	64877	23.13	ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.122	75	64877	63.03	ug/l	#	12
95) Naphthalene	13.822	128	113	3.86	ug/l	#	69

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

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MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT

Quant Time: Jan 15 05:12:32 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
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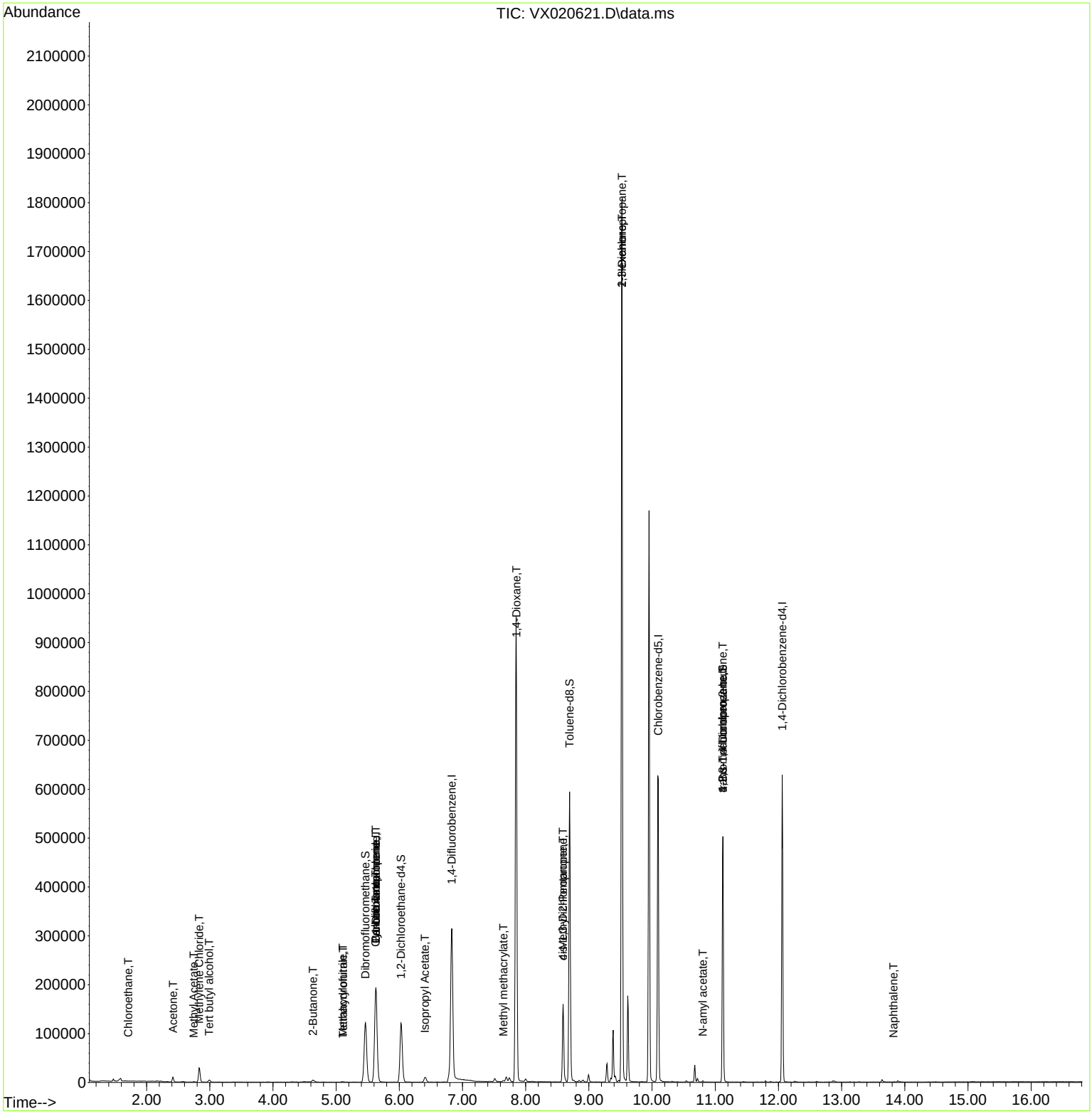
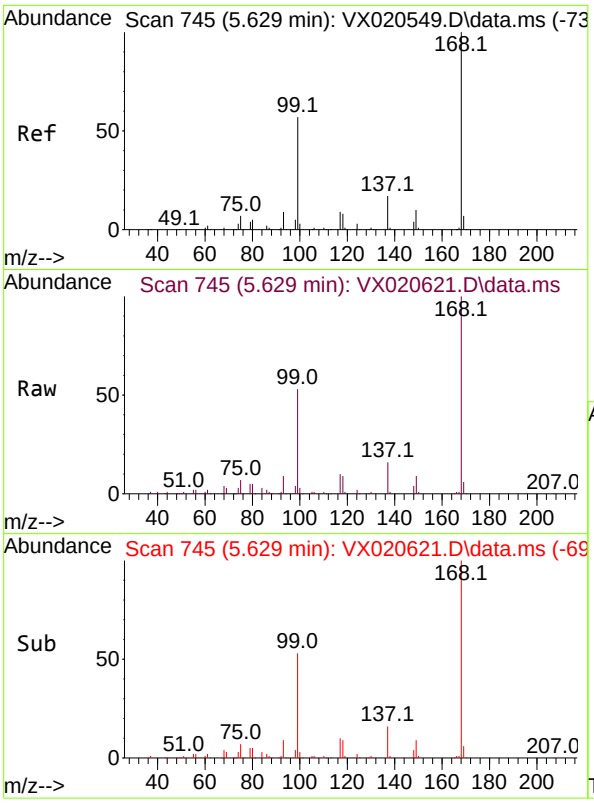
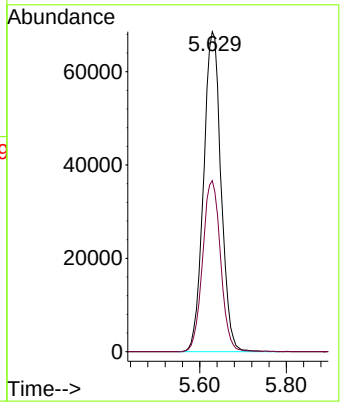




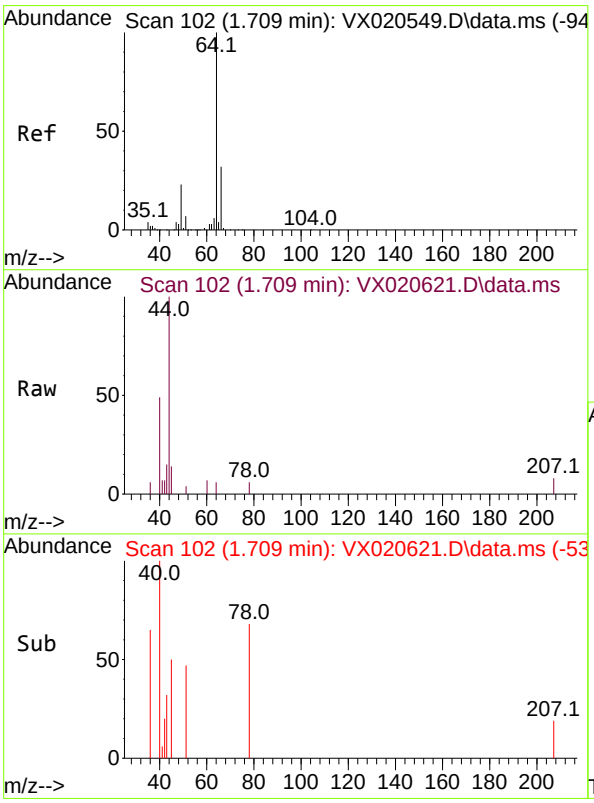
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion:168 Resp: 191923

Ion	Ratio	Lower	Upper
168	100		
99	53.5	45.8	68.6



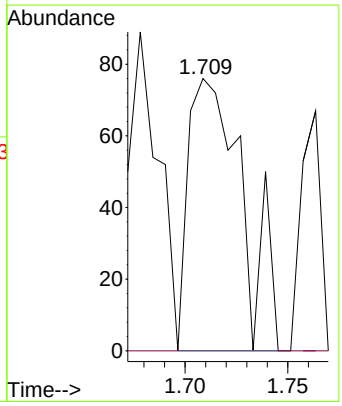
Instrument :
MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT



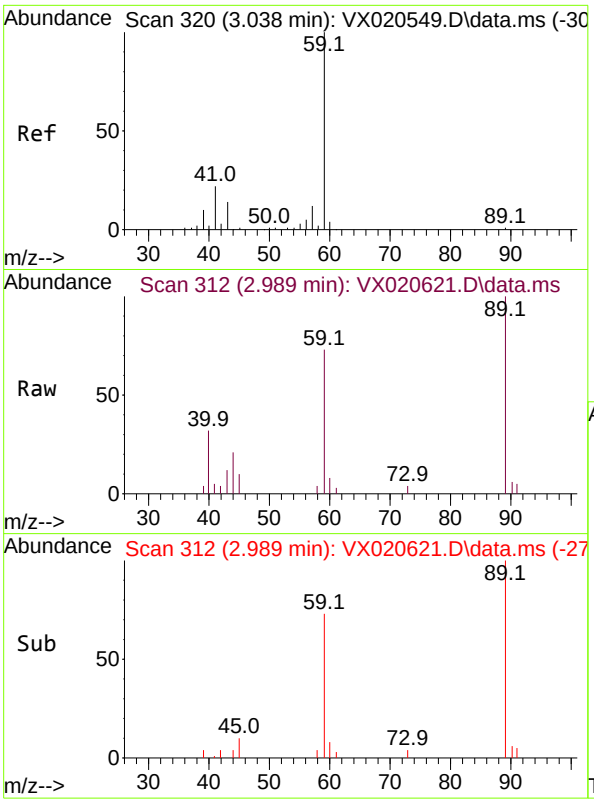
#6
Chloroethane
Concen: 0.52 ug/l
RT: 1.709 min Scan# 102
Delta R.T. -0.000 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 64 Resp: 139

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



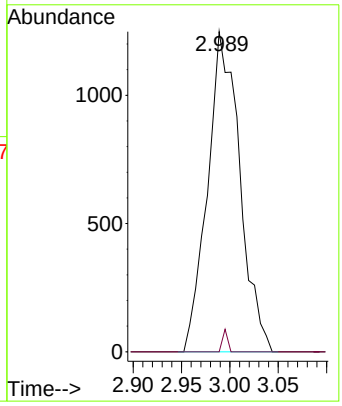
Instrument :
MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT

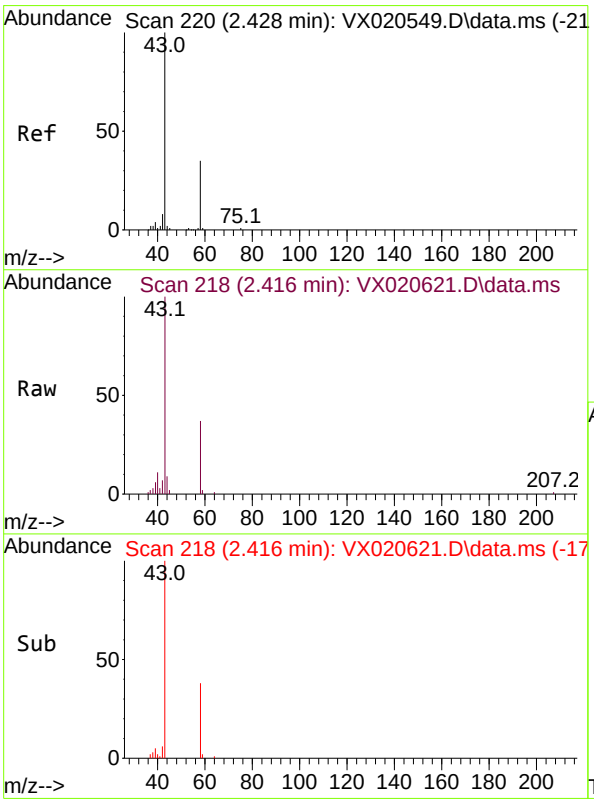


#11
Tert butyl alcohol
Concen: 4.61 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 59 Resp: 2890

Ion	Ratio	Lower	Upper
59	100		
57	1.1	7.8	11.8#

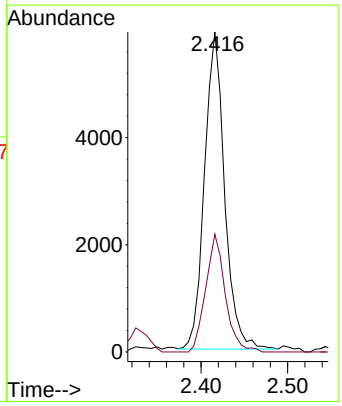




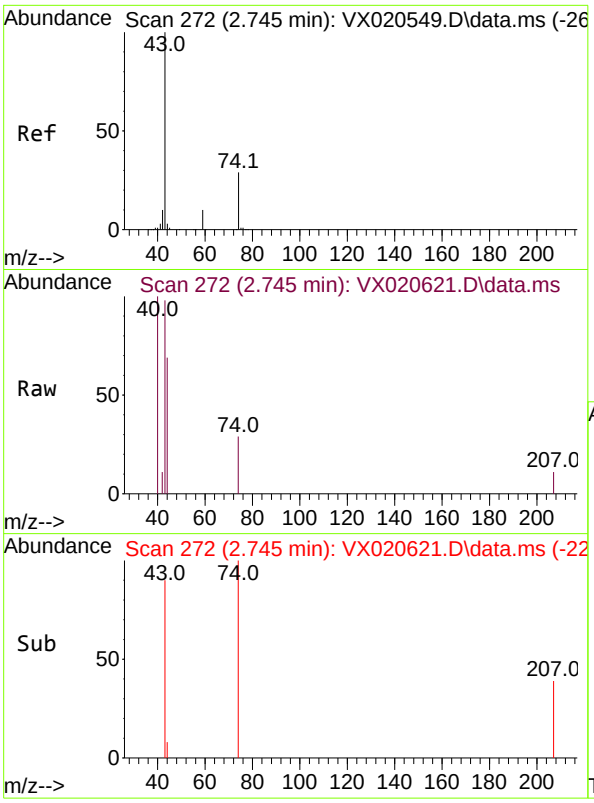
#16
Acetone
Concen: 8.28 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 43 Resp: 9524

Ion	Ratio	Lower	Upper
43	100		
58	37.1	27.8	41.8



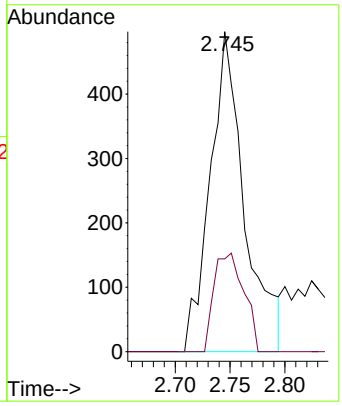
Instrument :
MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT

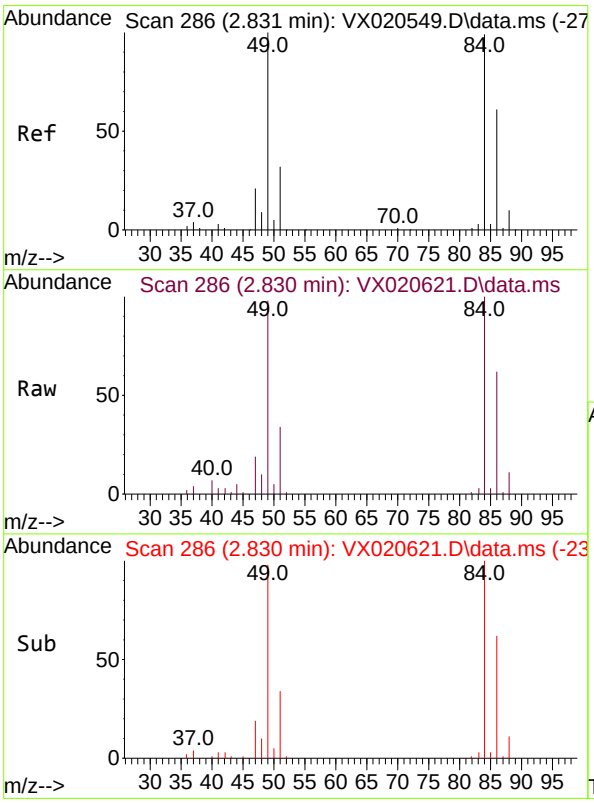


#18
Methyl Acetate
Concen: 0.53 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 43 Resp: 1082

Ion	Ratio	Lower	Upper
43	100		
74	26.8	21.9	32.9

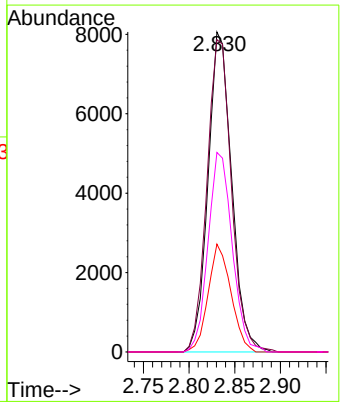


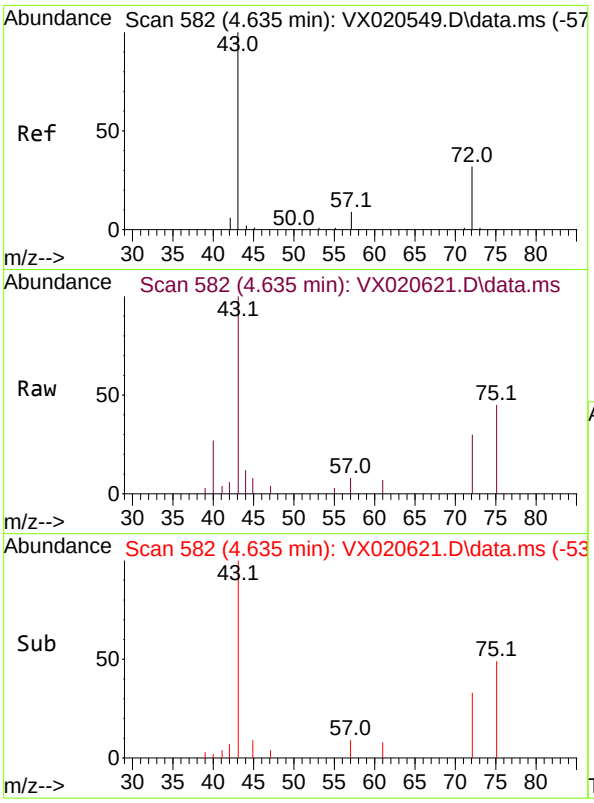


#20
Methylene Chloride
Concen: 6.66 ug/l
RT: 2.830 min Scan# 286
Delta R.T. -0.001 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 84 Resp: 14505

Ion	Ratio	Lower	Upper
84	100		
49	97.6	88.6	132.8
51	33.7	27.0	40.6
86	62.3	50.3	75.5

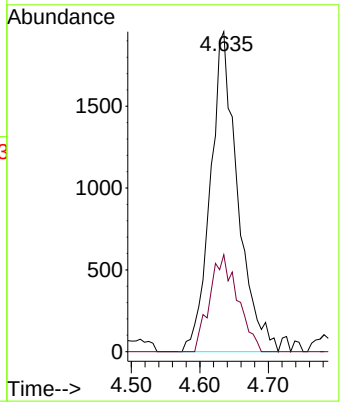




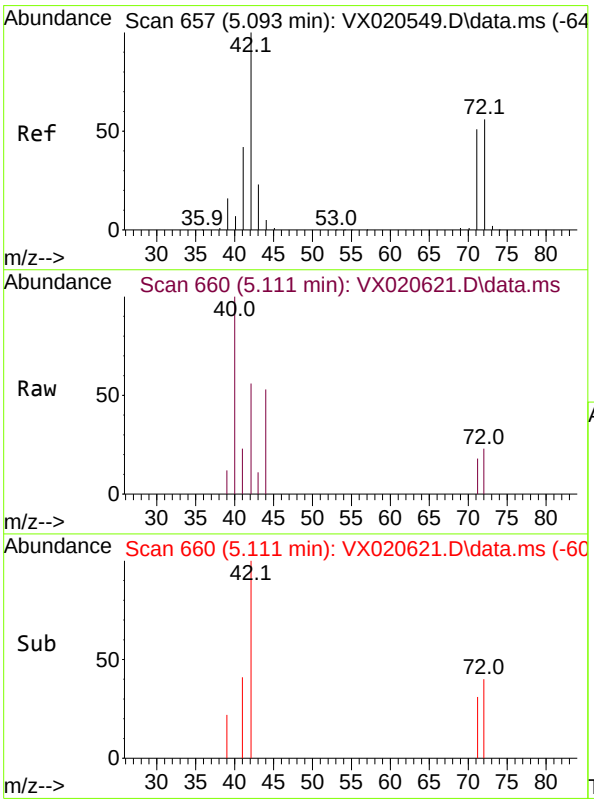
#25
2-Butanone
Concen: 4.34 ug/l
RT: 4.635 min Scan# 582
Delta R.T. -0.000 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 43 Resp: 5412

Ion	Ratio	Lower	Upper
43	100		
72	30.3	23.7	35.5



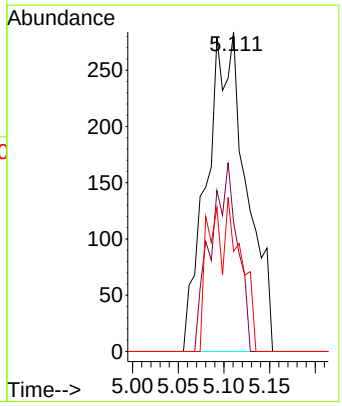
Instrument :
MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT

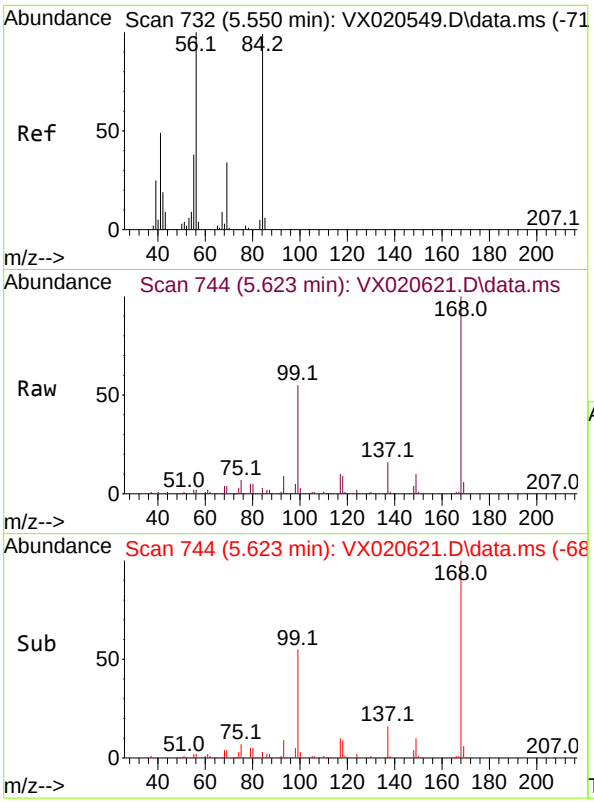


#29
Tetrahydrofuran
Concen: 1.13 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.018 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 42 Resp: 860

Ion	Ratio	Lower	Upper
42	100		
72	39.9	41.7	62.5#
71	17.6	38.4	57.6#

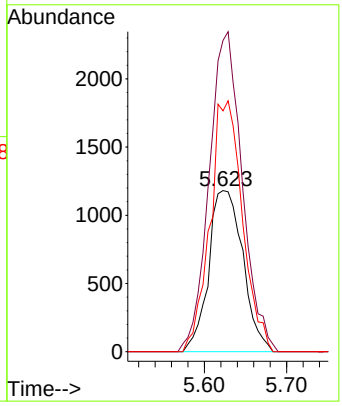




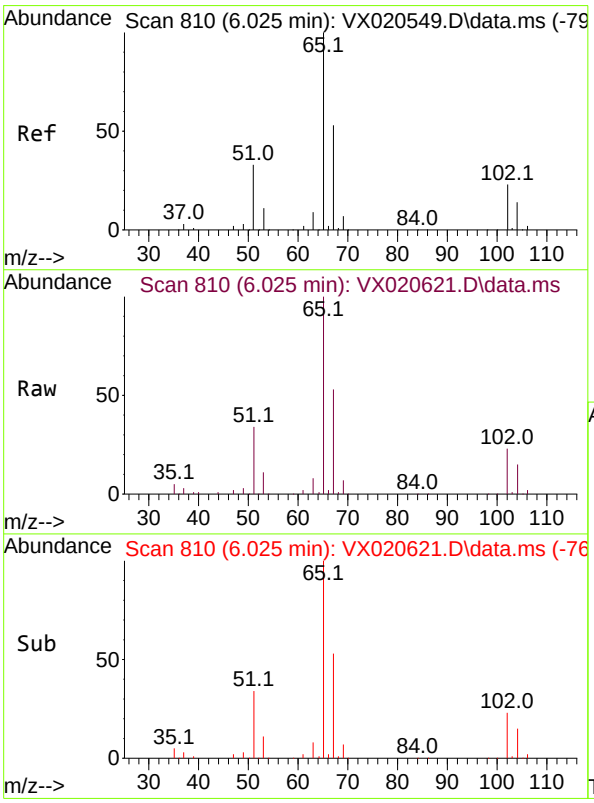
#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 56 Resp: 3412

Ion	Ratio	Lower	Upper
56	100		
69	193.1	25.3	37.9#
84	149.4	71.4	107.0#



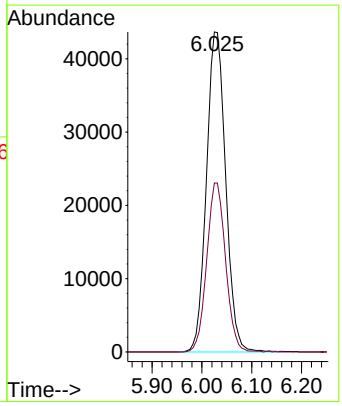
Instrument :
MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT



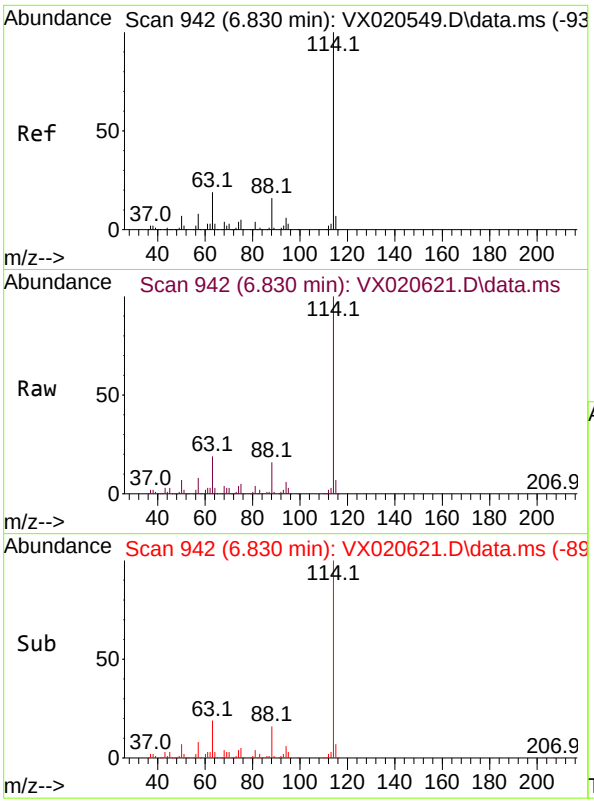
#33
1,2-Dichloroethane-d4
Concen: 50.75 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 65 Resp: 116986

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.4



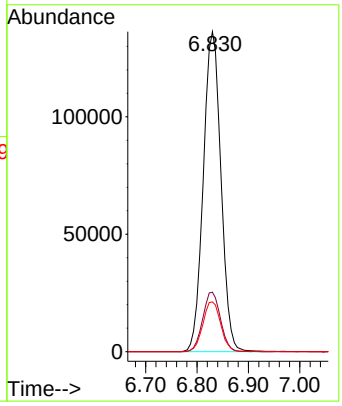
Instrument :
MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT

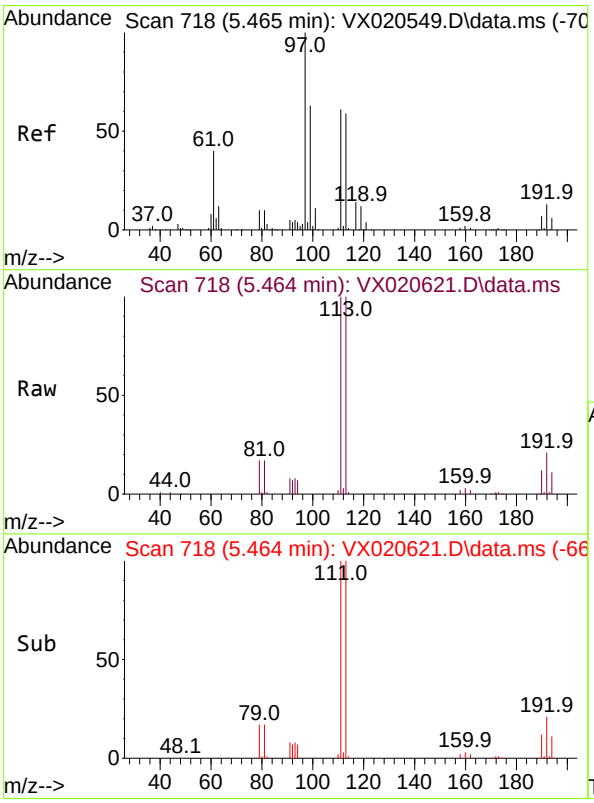


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion:114 Resp: 324790

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	40.8
88	15.5	0.0	32.8

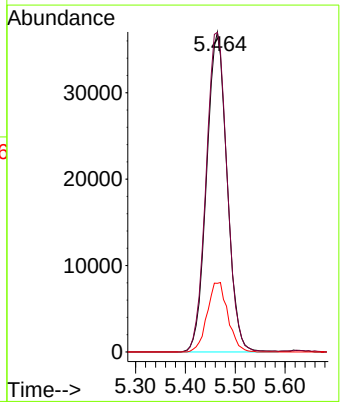




#35
Dibromofluoromethane
Concen: 46.94 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion:113 Resp: 105642

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	21.9	16.7	25.1



Instrument :
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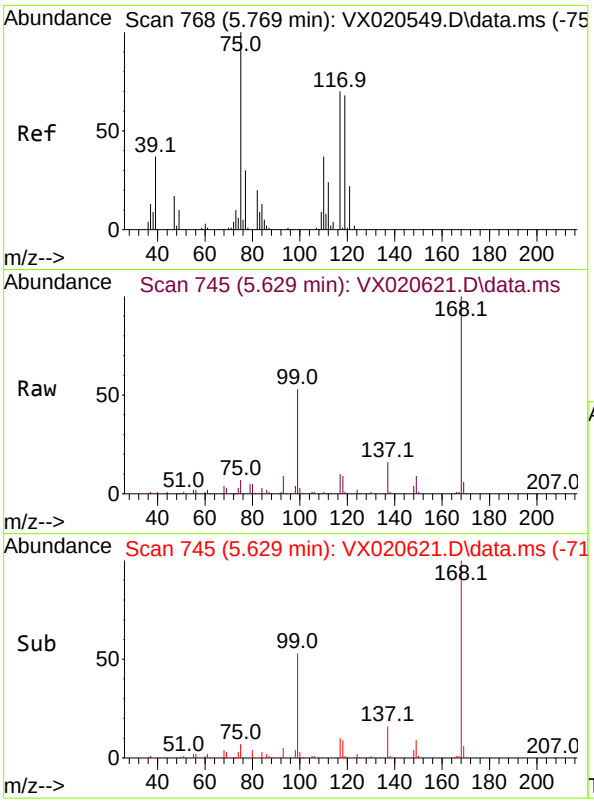
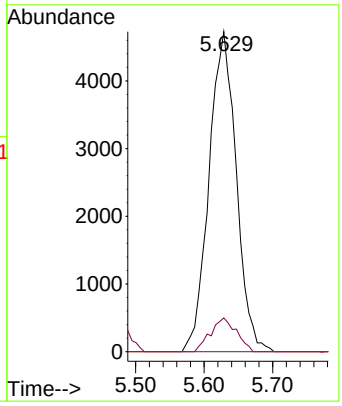
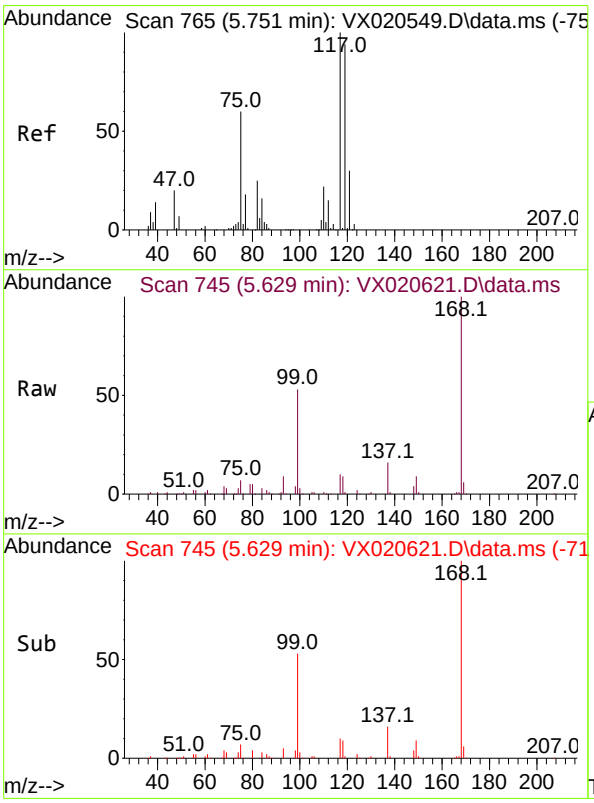


#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 75 Resp: 13050

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.0	25.3	37.9#

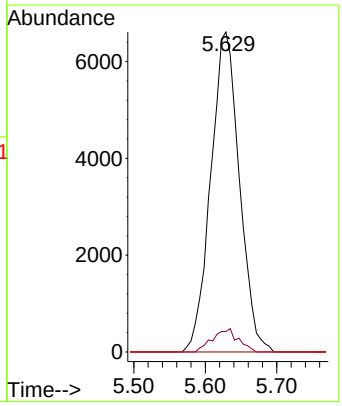


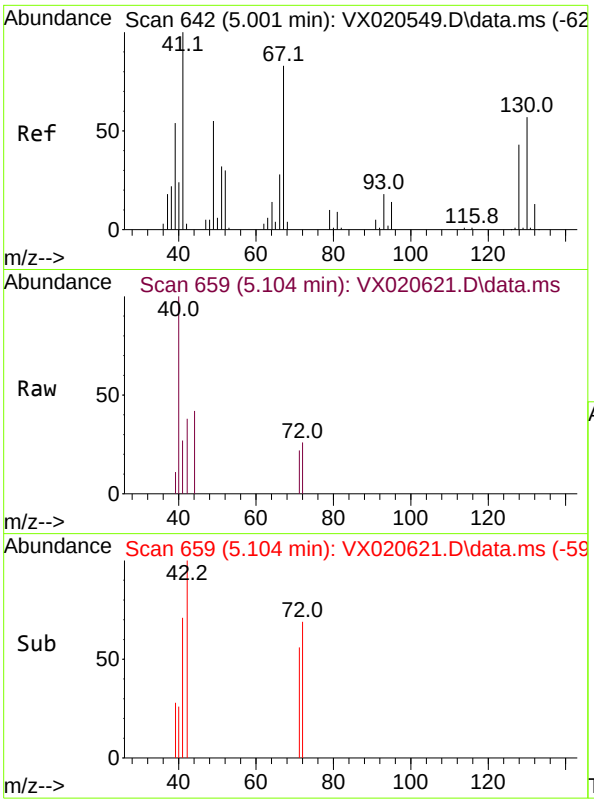


#38
Carbon Tetrachloride
Concen: 5.31 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion:117 Resp: 18395

Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.2	114.2#
121	0.0	24.8	37.2#

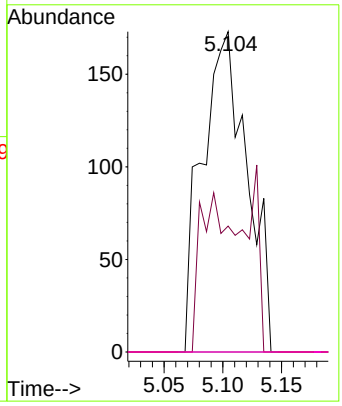




#41
Methacrylonitrile
Concen: 0.33 ug/l
RT: 5.104 min Scan# 659
Delta R.T. 0.103 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 41 Resp: 461

Ion	Ratio	Lower	Upper
41	100		
39	33.8	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



Instrument :
MSVOA_X
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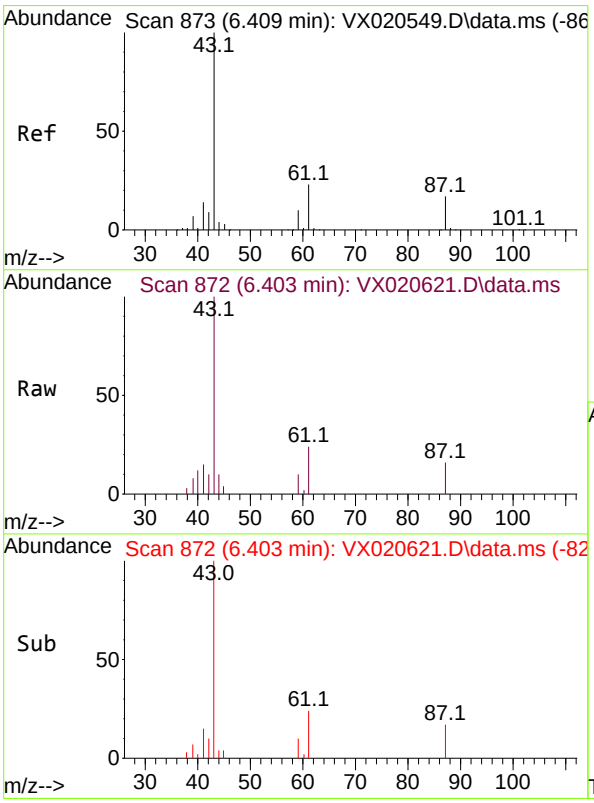
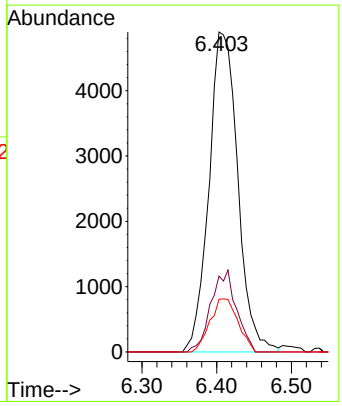
BORE-3-1FT-7FT



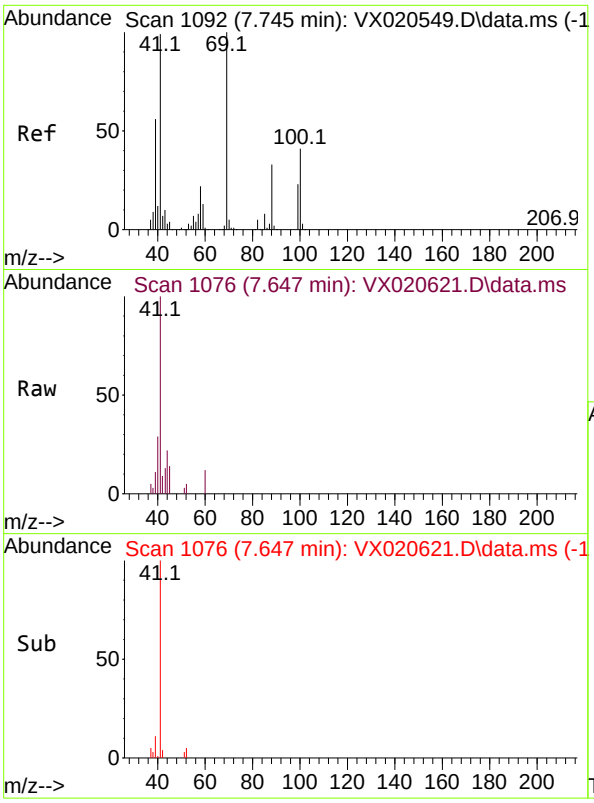
#43
Isopropyl Acetate
Concen: 3.15 ug/l
RT: 6.403 min Scan# 872
Delta R.T. -0.006 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 43 Resp: 13166

Ion	Ratio	Lower	Upper
43	100		
61	22.5	18.2	27.4
87	16.0	12.5	18.7



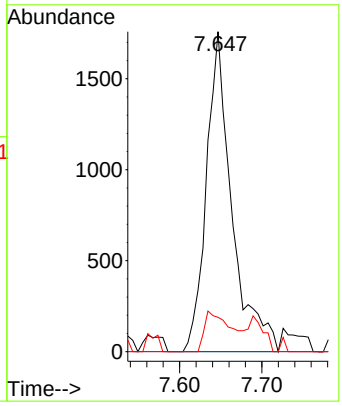
Instrument :
MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT

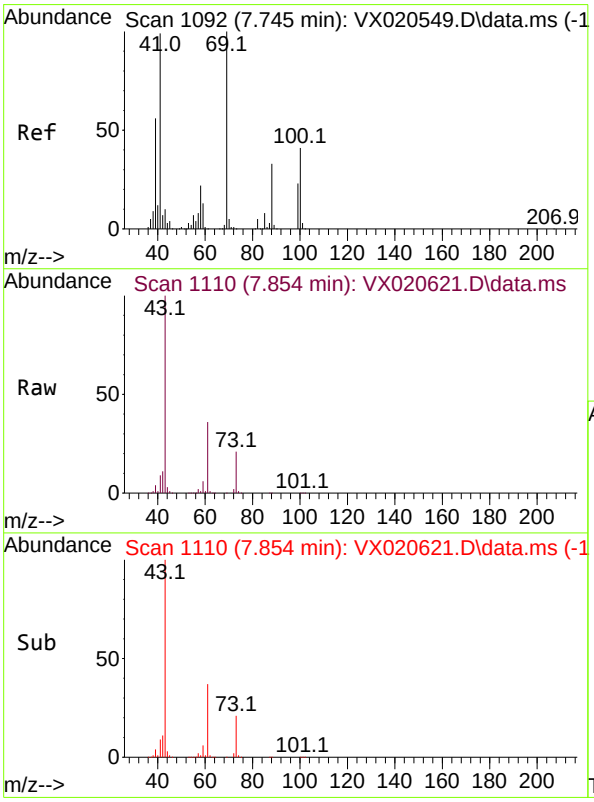


#48
Methyl methacrylate
Concen: 1.86 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.098 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 41 Resp: 3777

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

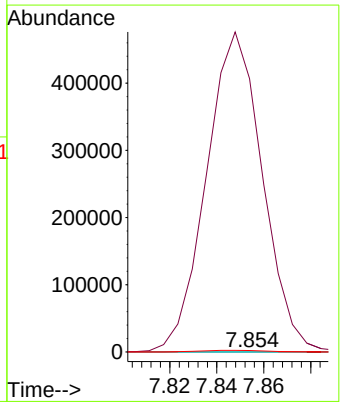


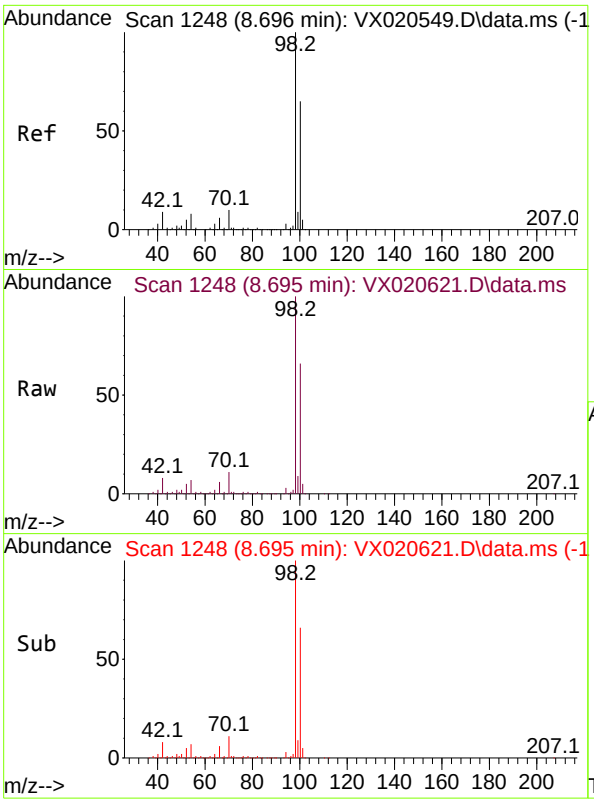


#49
1,4-Dioxane
Concen: 1.87 ug/l
RT: 7.854 min Scan# 1110
Delta R.T. 0.109 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 88 Resp: 96

Ion	Ratio	Lower	Upper
88	100		
43	828382.3	23.2	34.8#
58	4884.4	55.0	82.4#

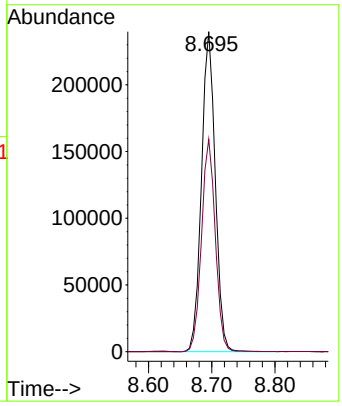




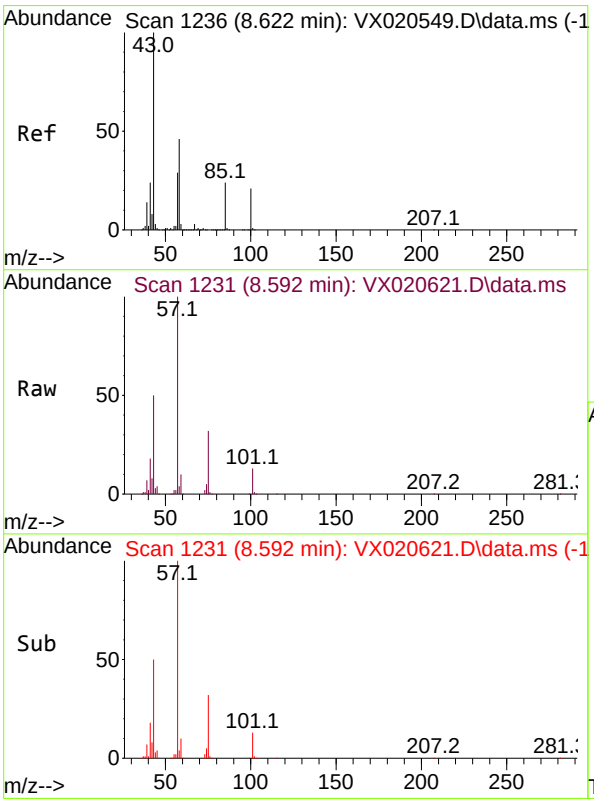
#50
Toluene-d8
Concen: 45.19 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 98 Resp: 363875

Ion	Ratio	Lower	Upper
98	100		
100	66.5	51.9	77.9



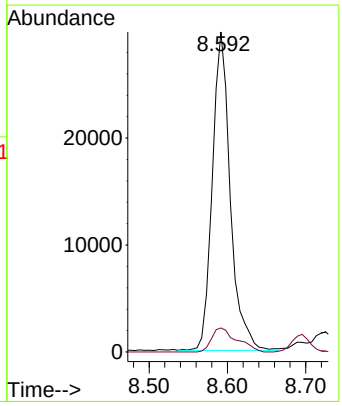
Instrument :
MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT



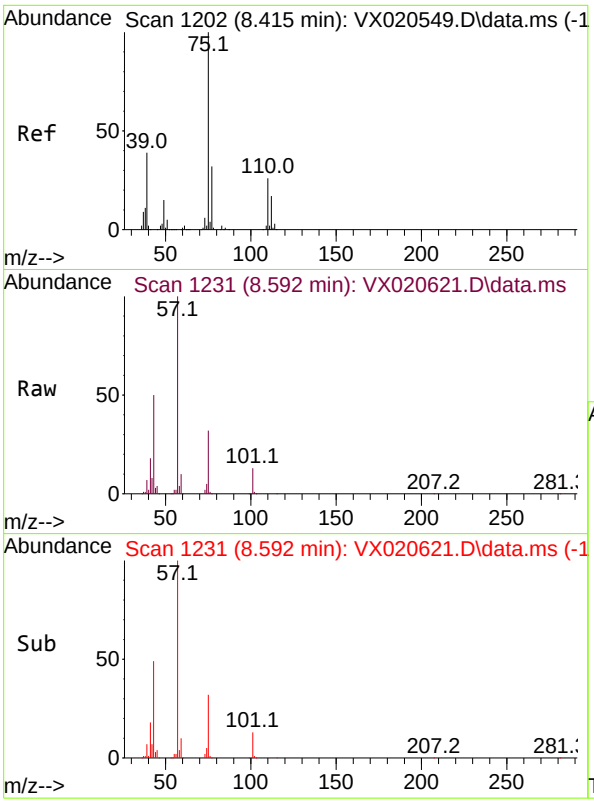
#51
4-Methyl-2-Pentanone
Concen: 18.27 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.030 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 43 Resp: 47365

Ion	Ratio	Lower	Upper
43	100		
58	10.5	35.4	53.0#



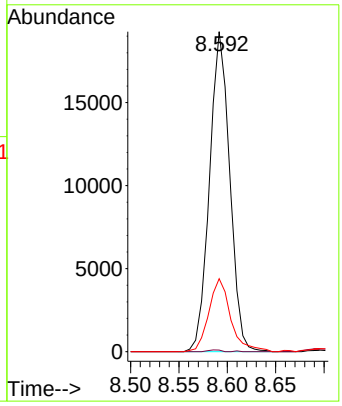
Instrument :
MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT

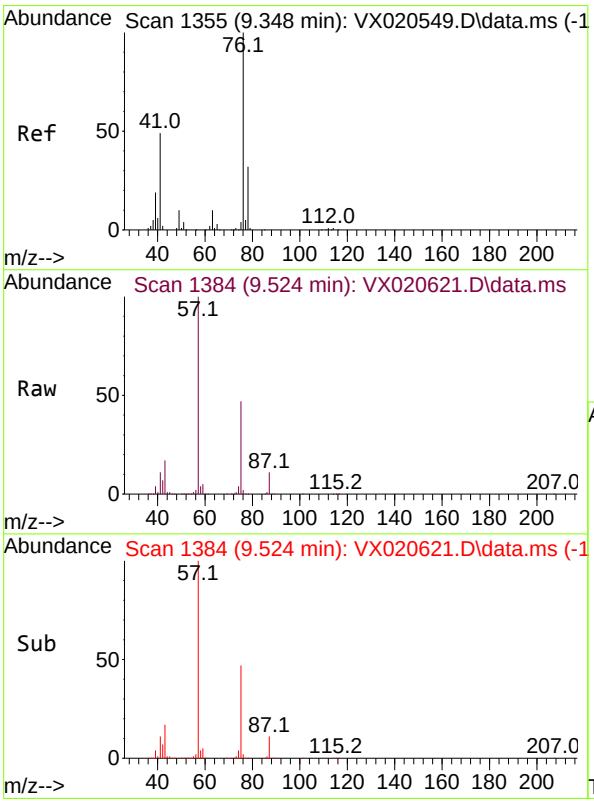


#54
cis-1,3-Dichloropropene
Concen: 7.58 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.177 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 75 Resp: 28040

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.7	38.5#
39	22.8	35.1	52.7#

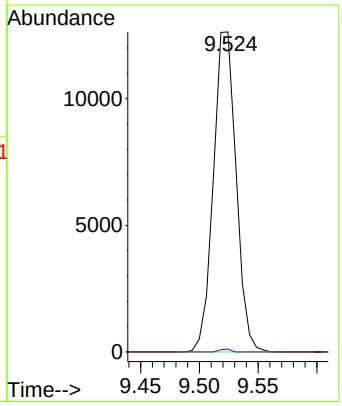


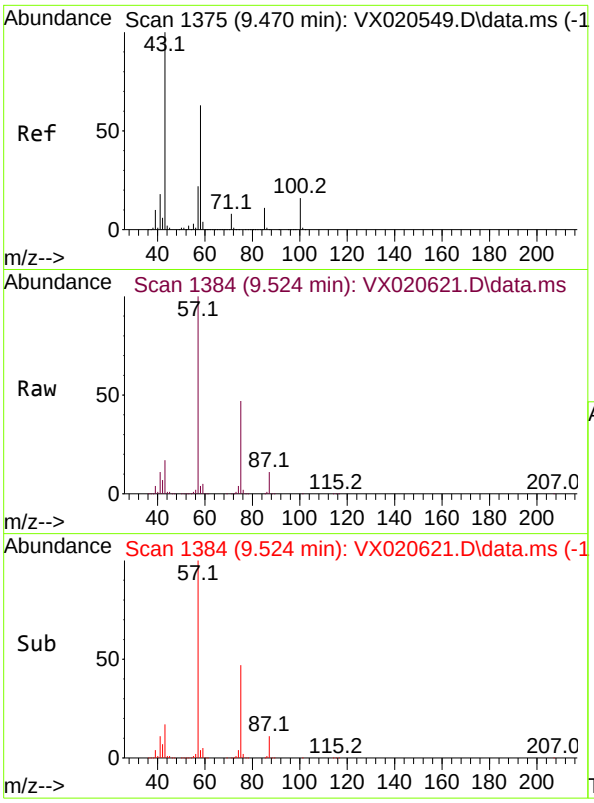


#57
1,3-Dichloropropane
Concen: 4.38 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.176 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 76 Resp: 17060

Ion	Ratio	Lower	Upper
76	100		
78	0.4	26.2	39.2#

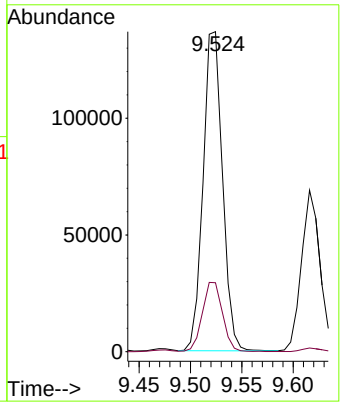




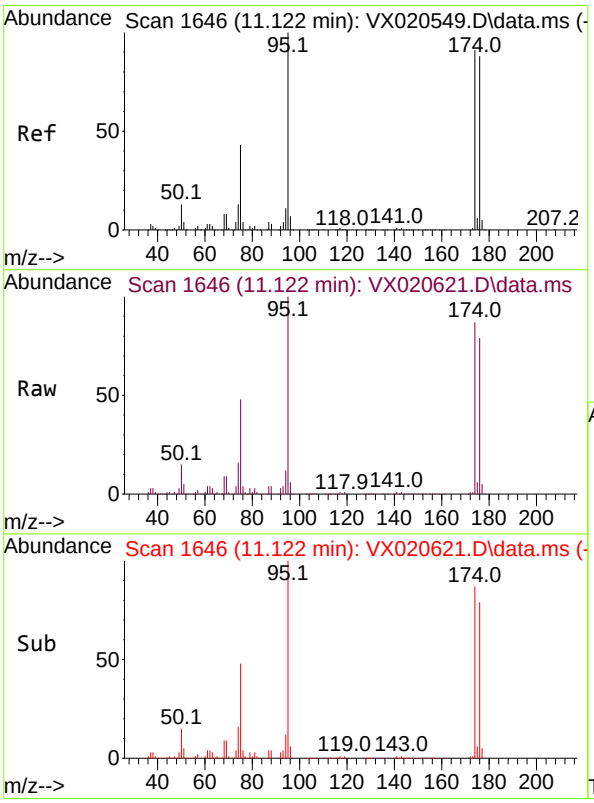
#59
2-Hexanone
Concen: 92.49 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.054 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 43 Resp: 179712

Ion	Ratio	Lower	Upper
43	100		
58	22.7	30.9	92.8#



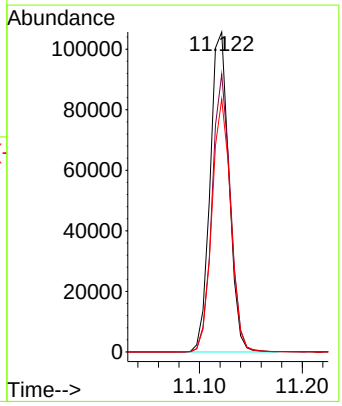
Instrument :
MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT

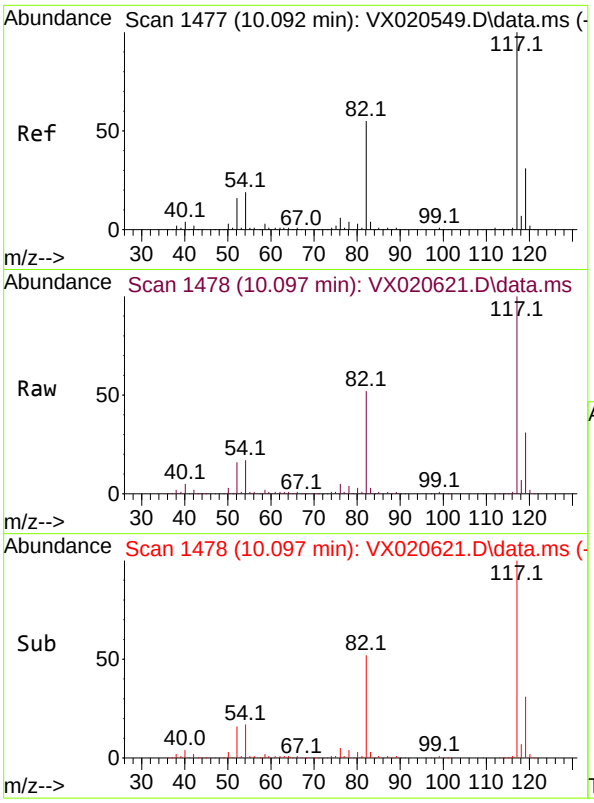


#62
4-Bromofluorobenzene
Concen: 47.34 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 95 Resp: 134626

Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	154.6
176	78.9	0.0	155.8

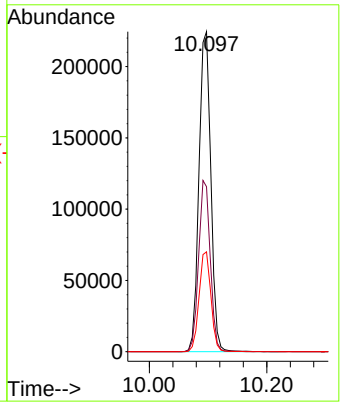




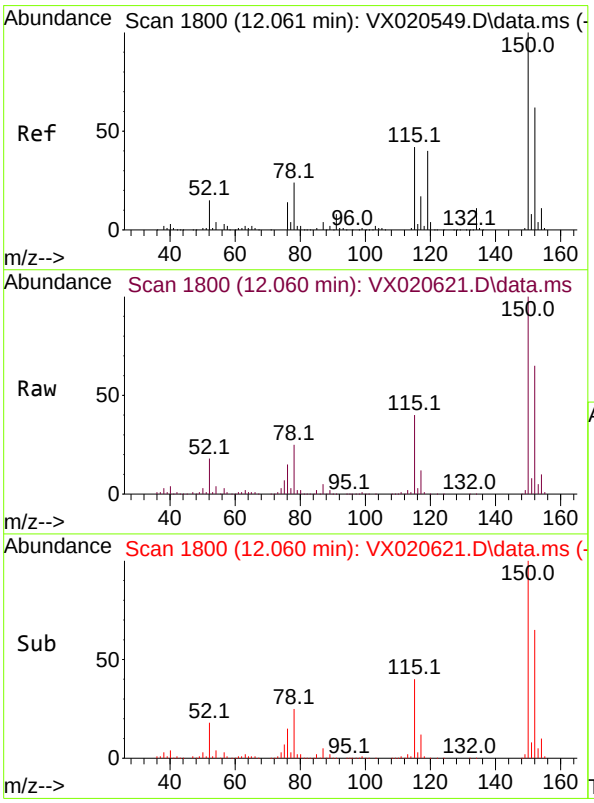
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion:117 Resp: 313732

Ion	Ratio	Lower	Upper
117	100		
82	51.6	47.4	71.2
119	31.2	26.6	39.8



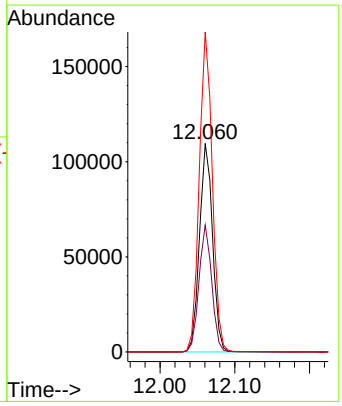
Instrument :
MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT

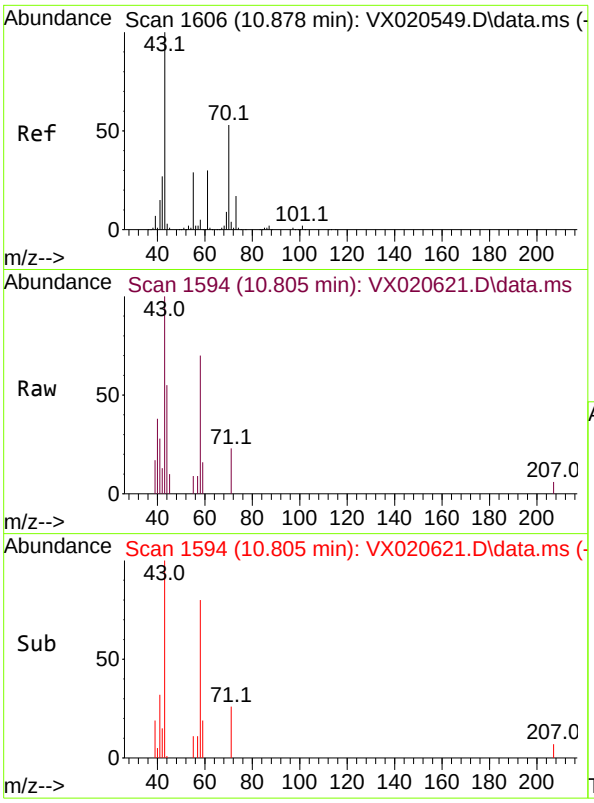


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion:152 Resp: 133119

Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.1	123.3
150	153.1	0.0	349.0

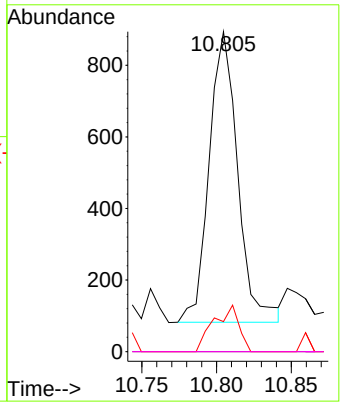




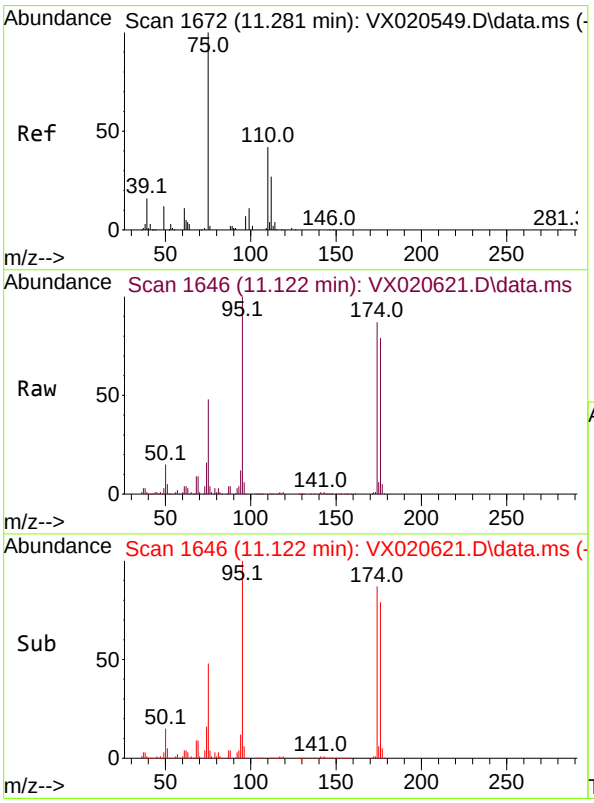
#74
N-amyl acetate
Concen: 1.57 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.073 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 43 Resp: 1080

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	14.1	21.5	32.3#
61	0.0	22.1	33.1#



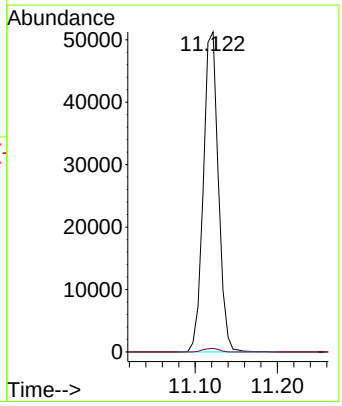
Instrument :
MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT



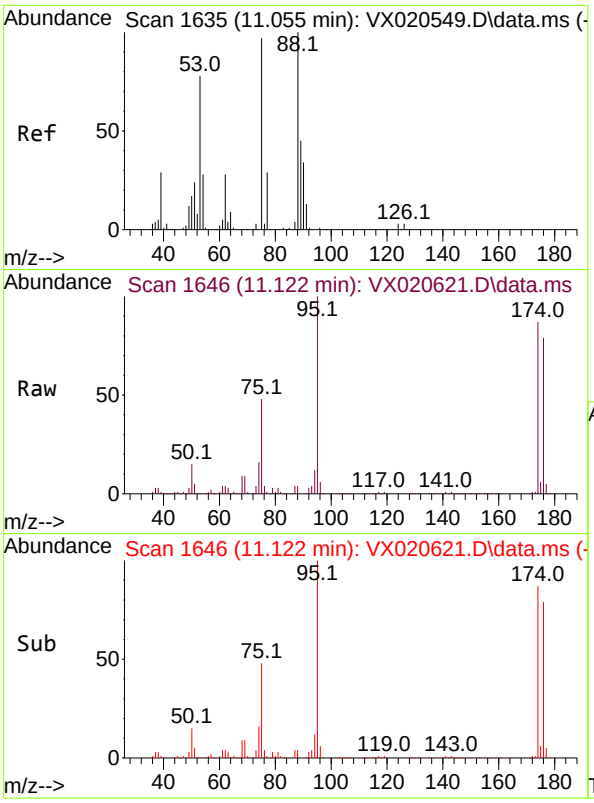
#76
1,2,3-Trichloropropane
Concen: 23.13 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 75 Resp: 64877

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#



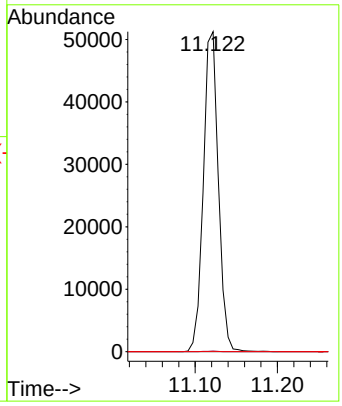
Instrument :
MSVOA_X
ClientSampleId :
BORE-3-1FT-7FT

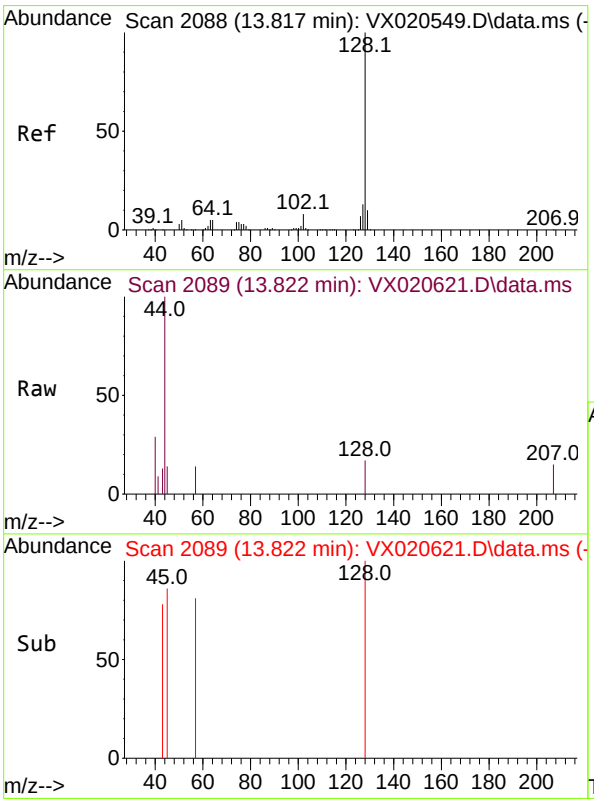


#81
trans-1,4-Dichloro-2-butene
Concen: 63.03 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion: 75 Resp: 64877

Ion	Ratio	Lower	Upper
75	100		
53	0.2	74.5	111.7#
89	0.0	37.9	56.9#





#95
Naphthalene
Concen: 3.86 ug/l
RT: 13.822 min Scan# 2089
Delta R.T. 0.005 min
Lab File: VX020621.D
Acq: 14 Jan 2021 18:31

Tgt Ion:128 Resp: 113

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