Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
Data File : VN070531.D
Acq On : 6 Jan 2022 20:15
Operator : JC/MD
Sample : N1016-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 08 01:43:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.086	168	910863	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.965	114	1570870	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.744	117	1414284	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	492619	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.434	65	695981	53.143	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.280%				
35) Dibromofluoromethane	8.021	113	489263	51.477	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.960%				
50) Toluene-d8	10.440	98	1998368	51.468	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.940%				
62) 4-Bromofluorobenzene	12.728	95	712375	50.799	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.600%				
Target Compounds							Qvalue
3) Chloromethane	2.306	50	3370	0.240	ug/l		92
13) Acrolein	4.044	56	857	0.484	ug/l	#	69
16) Acetone	4.288	43	222768	26.203	ug/l		99
18) Methyl Acetate	4.867	43	26728	1.087	ug/l	#	72
20) Methylene Chloride	5.095	84	91105	7.745	ug/l	#	88
25) 2-Butanone	7.343	43	21021	1.964	ug/l	#	87
29) Tetrahydrofuran	7.697	42	2210	0.346	ug/l	#	78
31) Cyclohexane	8.083	56	20326	0.984	ug/l	#	1
36) 1,1-Dichloropropene	8.083	75	73507	4.675	ug/l	#	48
37) Ethyl Acetate	7.343	43	21021	1.031	ug/l	#	68
38) Carbon Tetrachloride	8.086	117	86656	5.772	ug/l	#	16
43) Isopropyl Acetate	8.560	43	156293	4.864	ug/l	#	83
45) 1,2-Dichloropropane	9.622	63	8060	0.621	ug/l	#	44
48) Methyl methacrylate	9.542	41	38981	2.543	ug/l	#	8
49) 1,4-Dioxane	9.566	88	78	0.348	ug/l	#	27
51) 4-Methyl-2-Pentanone	10.328	43	22348	1.107	ug/l		89
52) Toluene	10.505	92	16430	0.563	ug/l		98
54) cis-1,3-Dichloropropene	10.242	75	187907	10.013	ug/l	#	64
57) 1,3-Dichloropropane	11.089	76	101887	4.990	ug/l	#	43
59) 2-Hexanone	11.089	43	1722460	116.984	ug/l	#	49
67) Ethyl Benzene	11.843	91	41549	0.756	ug/l		90
68) m/p-Xylenes	11.948	106	38122	1.905	ug/l		94
69) o-Xylene	12.280	106	25834	1.298	ug/l		96
71) Bromoform	12.725	173	2081	0.262	ug/l	#	1
74) N-amyl acetate	12.194	43	57658	2.998	ug/l	#	52
75) 1,1,2,2-Tetrachloroethane	12.723	83	613	0.484	ug/l	#	1
76) 1,2,3-Trichloropropane	12.728	75	367643	26.564	ug/l	#	1
80) 1,3,5-Trimethylbenzene	13.058	105	27470	0.749	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.728	75	367643	91.181	ug/l	#	5
84) 1,2,4-Trimethylbenzene	13.366	105	57768	1.636	ug/l		96
95) Naphthalene	15.504	128	47827	3.851	ug/l		99

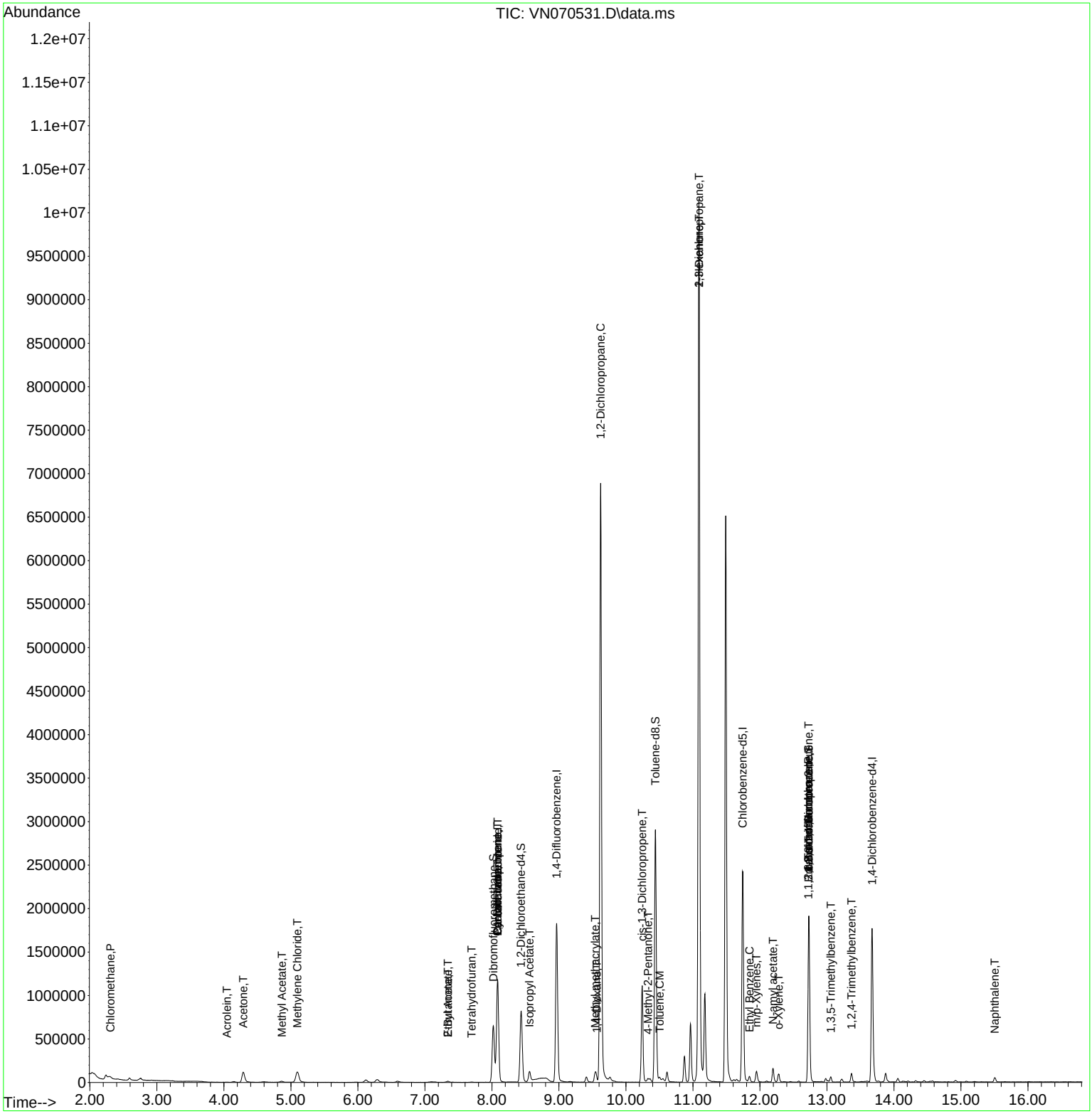
(#) = qualifier out of range (m) = manual integration (+) = signals summed

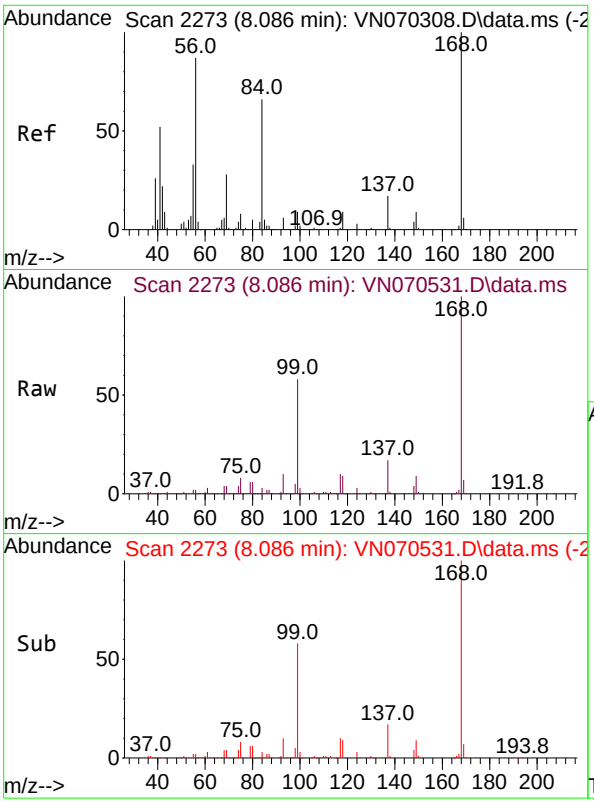
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
Data File : VN070531.D
Acq On : 6 Jan 2022 20:15
Operator : JC/MD
Sample : N1016-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 08 01:43:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration



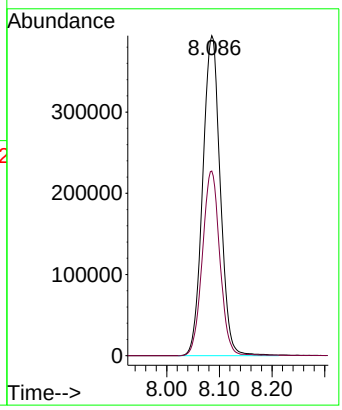


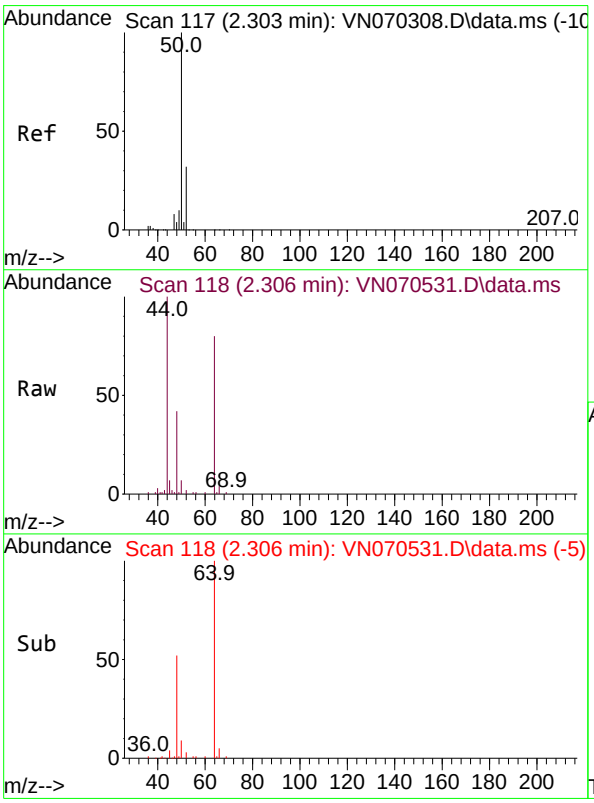
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 910863

Ion	Ratio	Lower	Upper
168	100		
99	57.7	41.3	61.9

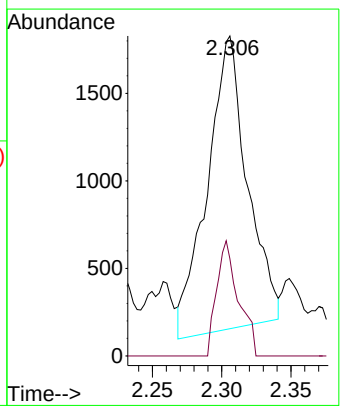


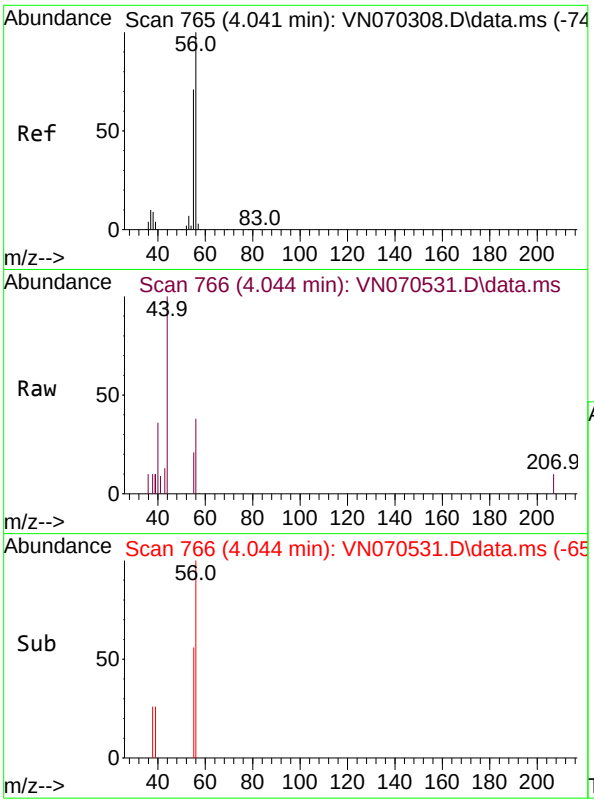


#3
Chloromethane
Concen: 0.240 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 50 Resp: 3370

Ion	Ratio	Lower	Upper
50	100		
52	35.9	25.4	38.0



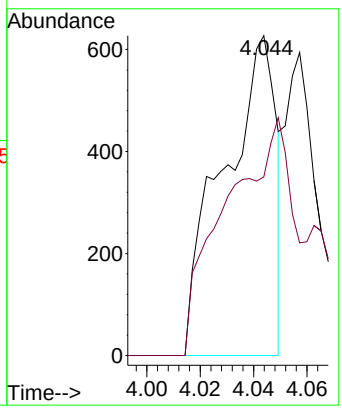


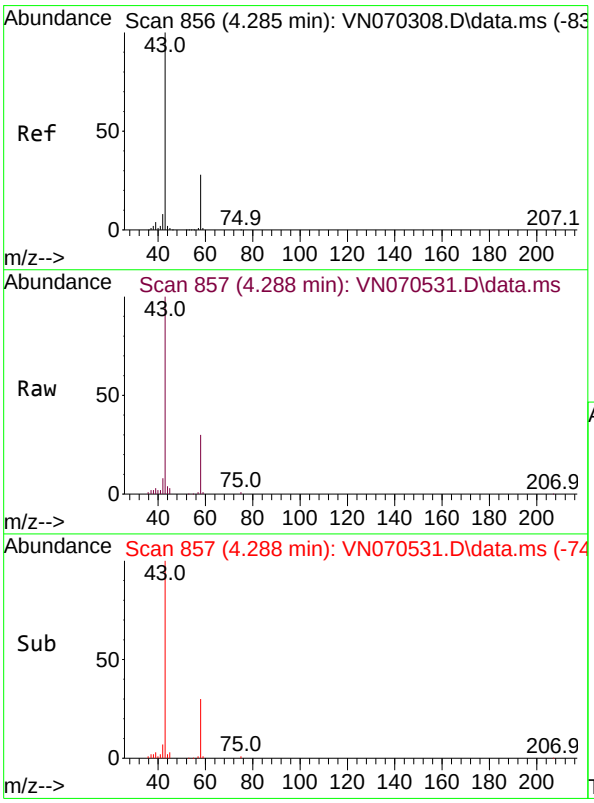
#13
Acrolein
Concen: 0.484 ug/l
RT: 4.044 min Scan# 7
Delta R.T. 0.003 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 857

Ion	Ratio	Lower	Upper
56	100		
55	96.6	56.6	85.0#

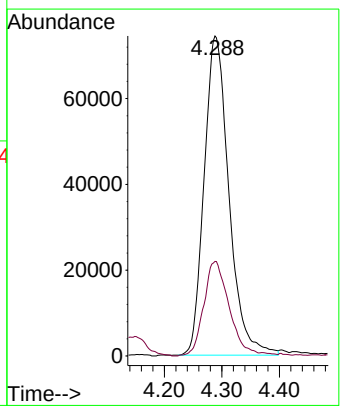


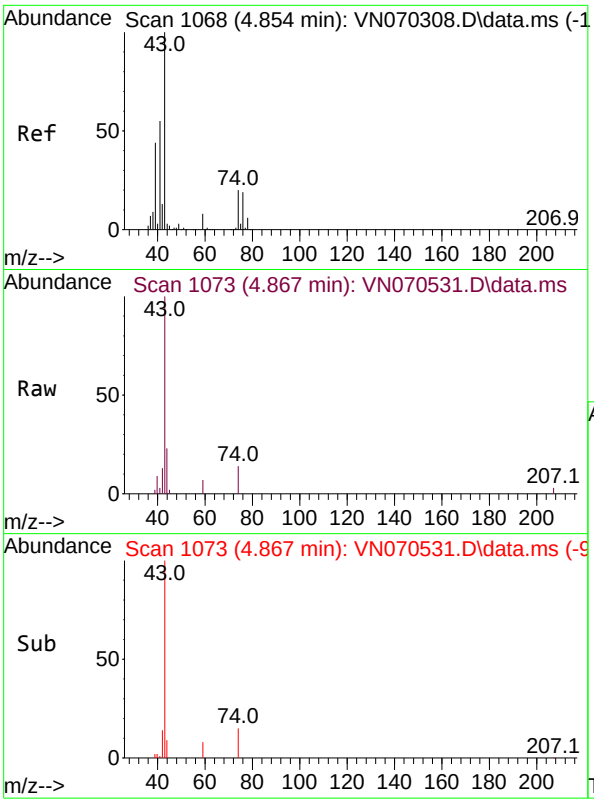


#16
Acetone
Concen: 26.203 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 43 Resp: 222768

Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.1	34.7



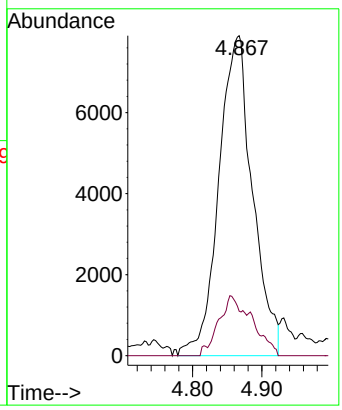


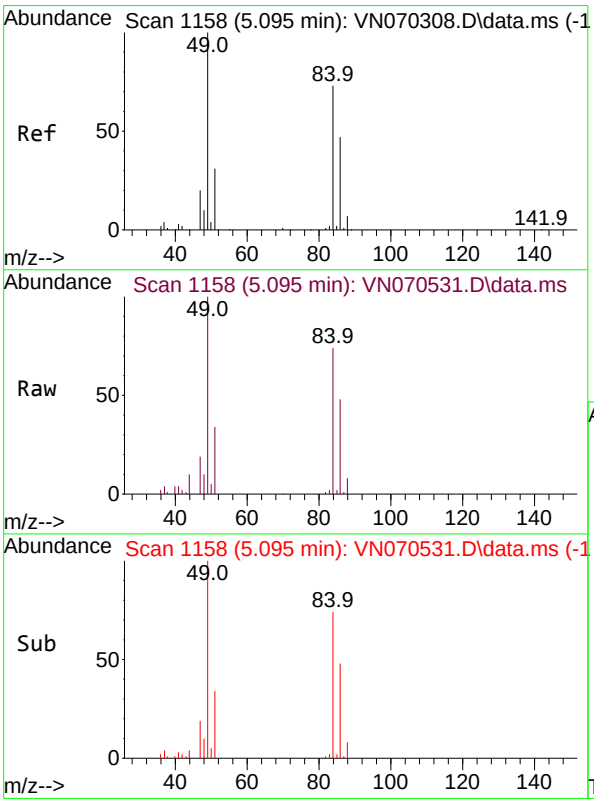
#18
Methyl Acetate
Concen: 1.087 ug/l
RT: 4.867 min Scan# 1
Delta R.T. 0.013 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 26728

Ion	Ratio	Lower	Upper
43	100		
74	10.3	19.4	29.2#

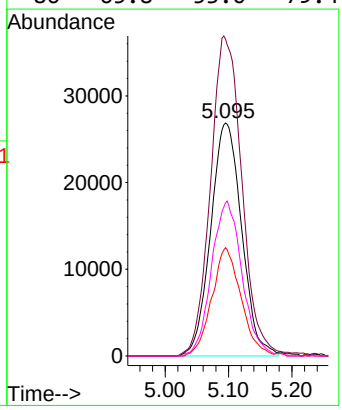


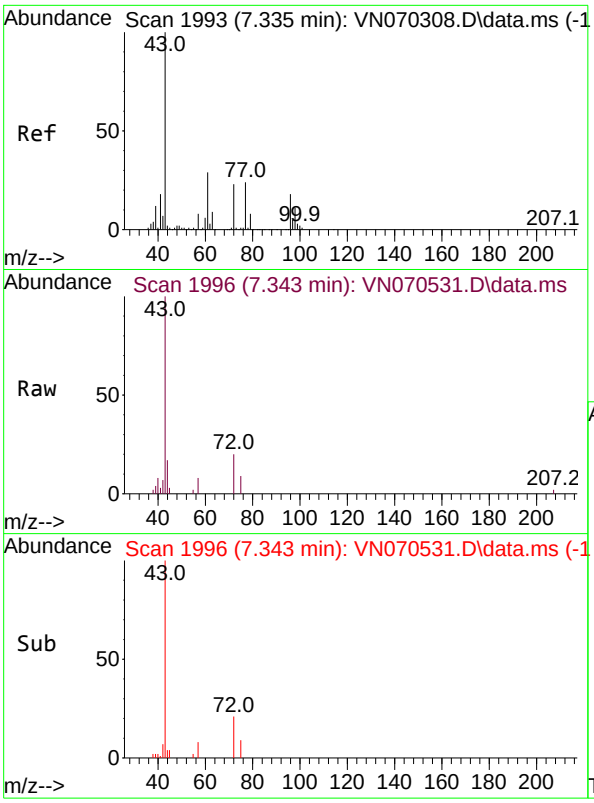


#20
Methylene Chloride
Concen: 7.745 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 84 Resp: 91105

Ion	Ratio	Lower	Upper
84	100		
49	136.0	93.5	140.3
51	46.5	29.4	44.2#
86	65.8	53.0	79.4



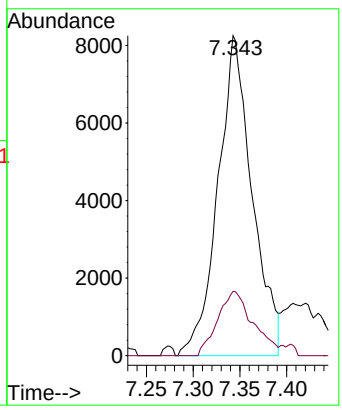


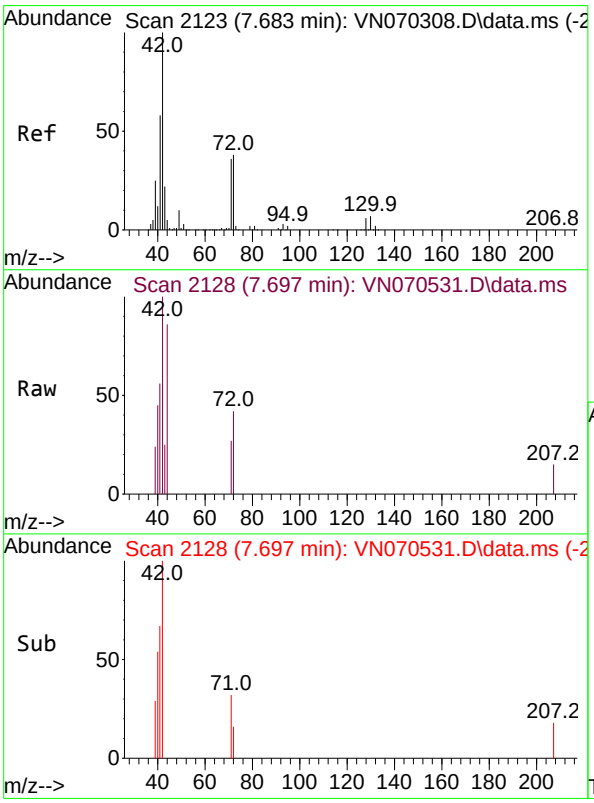
#25
2-Butanone
Concen: 1.964 ug/l
RT: 7.343 min Scan# 1
Delta R.T. 0.008 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 21021

Ion	Ratio	Lower	Upper
43	100		
72	20.1	21.7	32.5#

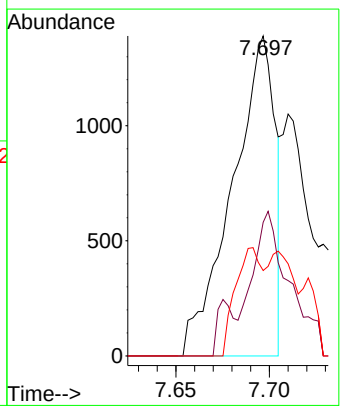


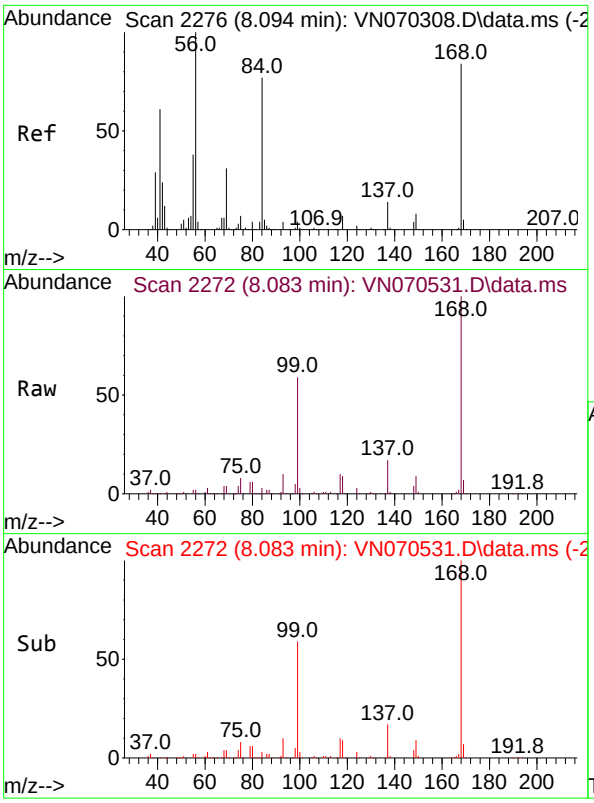


#29
Tetrahydrofuran
Concen: 0.346 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.014 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 42 Resp: 2210

Ion	Ratio	Lower	Upper
42	100		
72	38.9	36.3	54.5
71	21.0	34.7	52.1#



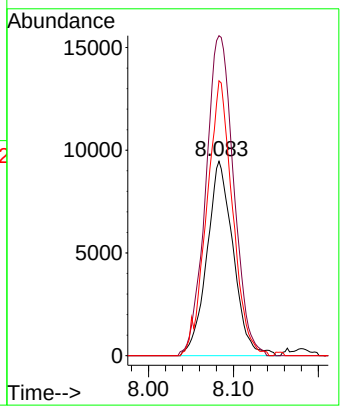


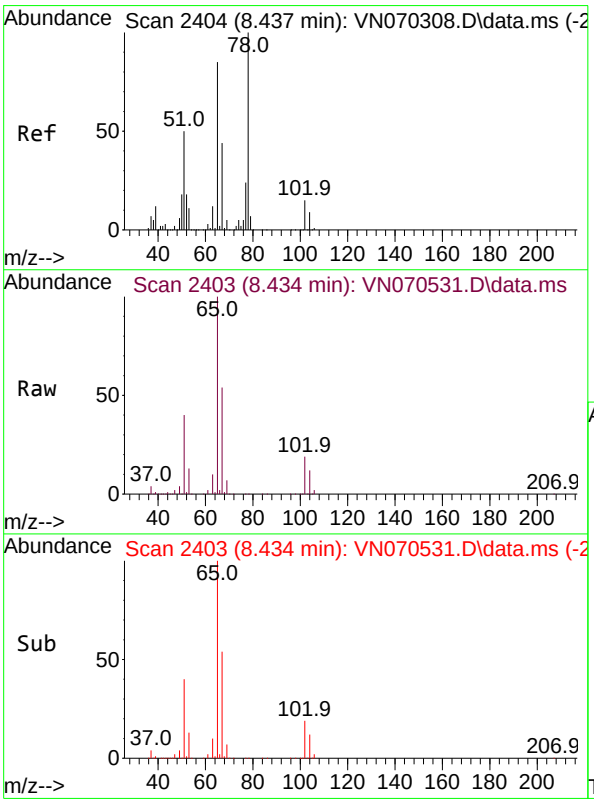
#31
Cyclohexane
Concen: 0.984 ug/l
RT: 8.083 min Scan# 2
Delta R.T. -0.011 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 20326

Ion	Ratio	Lower	Upper
56	100		
69	164.6	27.1	40.7#
84	141.4	73.4	110.0#

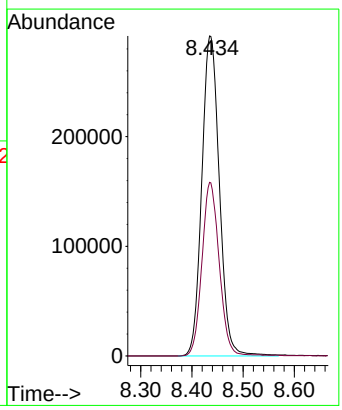


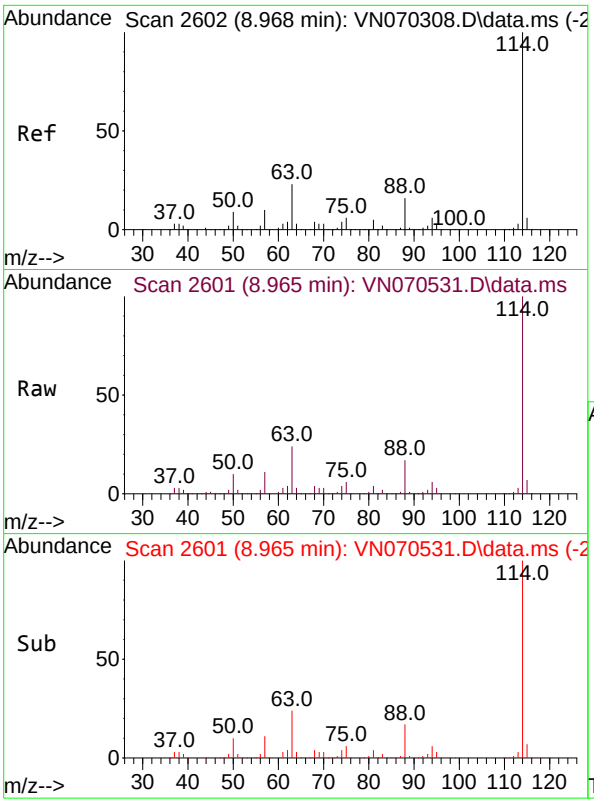


#33
1,2-Dichloroethane-d4
Concen: 53.143 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 65 Resp: 695981

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	103.0



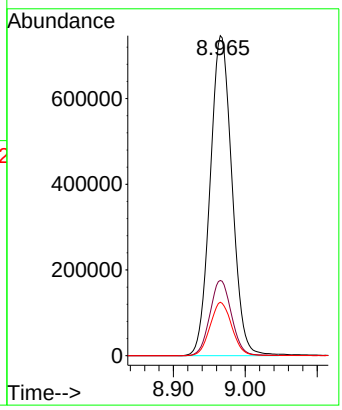


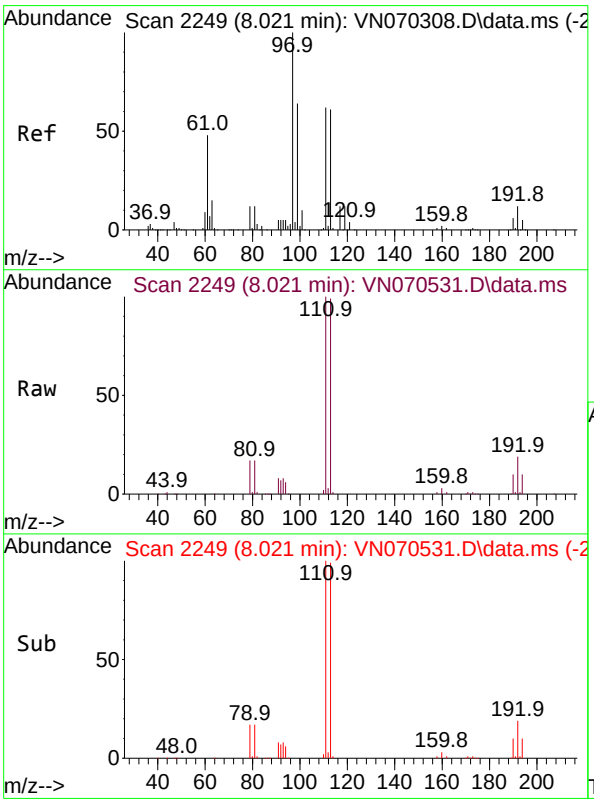
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2
Delta R.T. -0.003 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 1570870

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	37.8
88	16.7	0.0	27.4

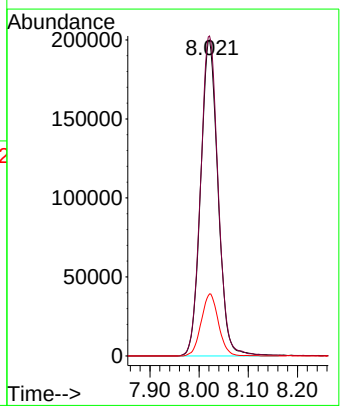


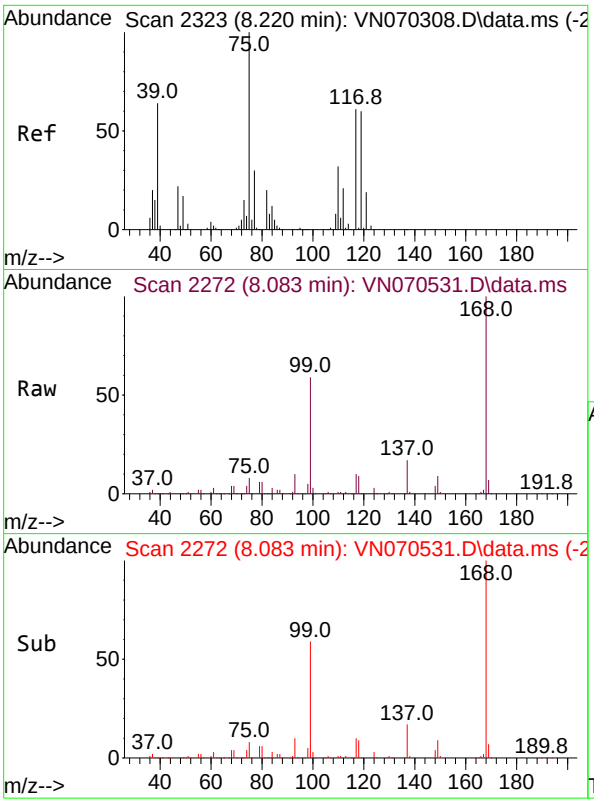


#35
Dibromofluoromethane
Concen: 51.477 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion:113 Resp: 489263

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	19.5	16.9	25.3



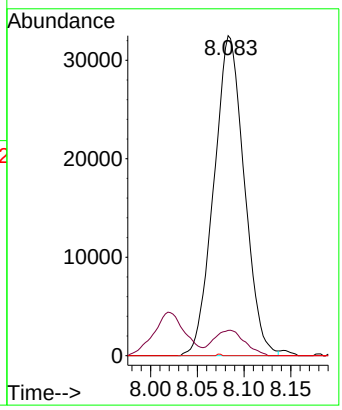


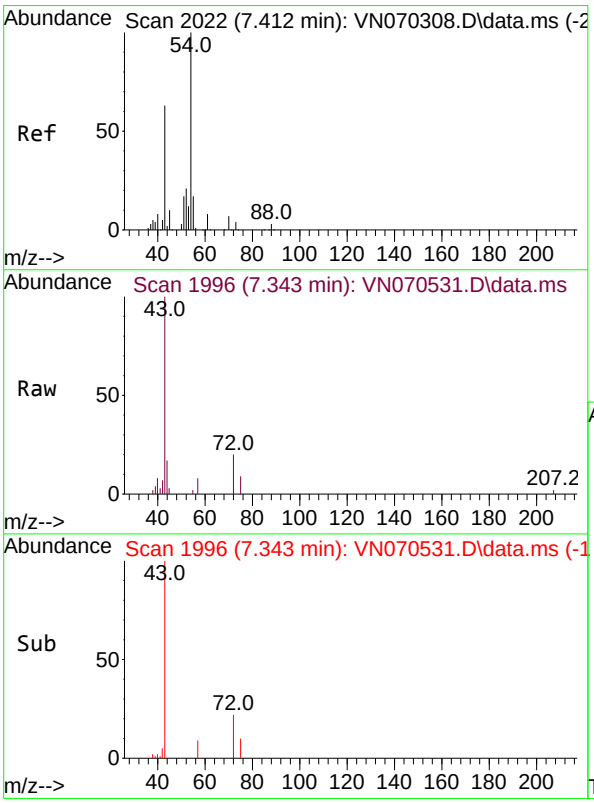
#36
1,1-Dichloropropene
Concen: 4.675 ug/l
RT: 8.083 min Scan# 2
Delta R.T. -0.137 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 73507

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.4	55.2#
77	0.1	24.4	36.6#

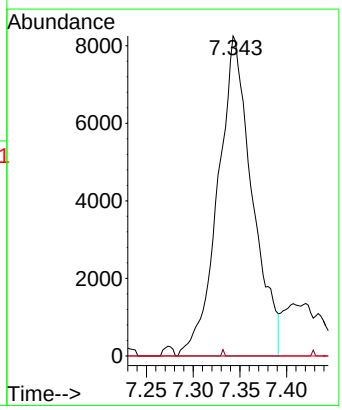


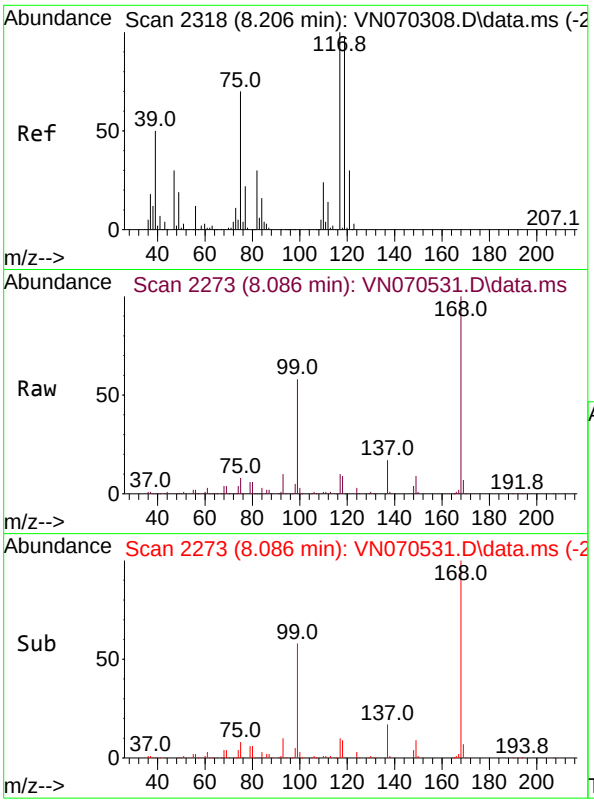


#37
Ethyl Acetate
Concen: 1.031 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.069 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 43 Resp: 21021

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	7.9	11.9#



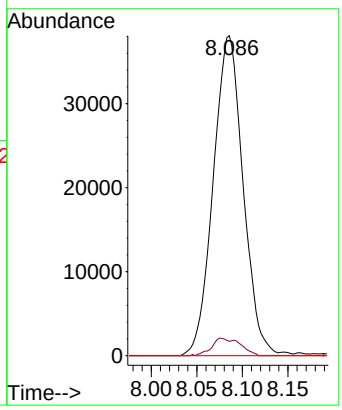


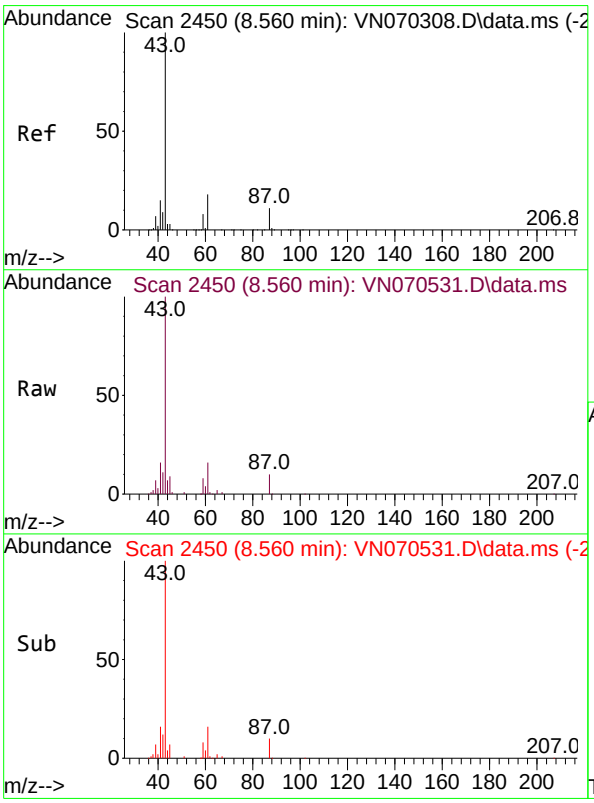
#38
Carbon Tetrachloride
Concen: 5.772 ug/l
RT: 8.086 min Scan# 2
Delta R.T. -0.120 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 86656

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.1	114.1#
121	0.0	24.2	36.2#

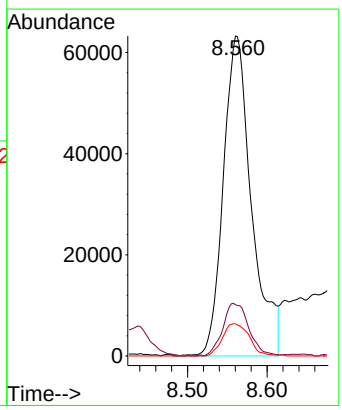


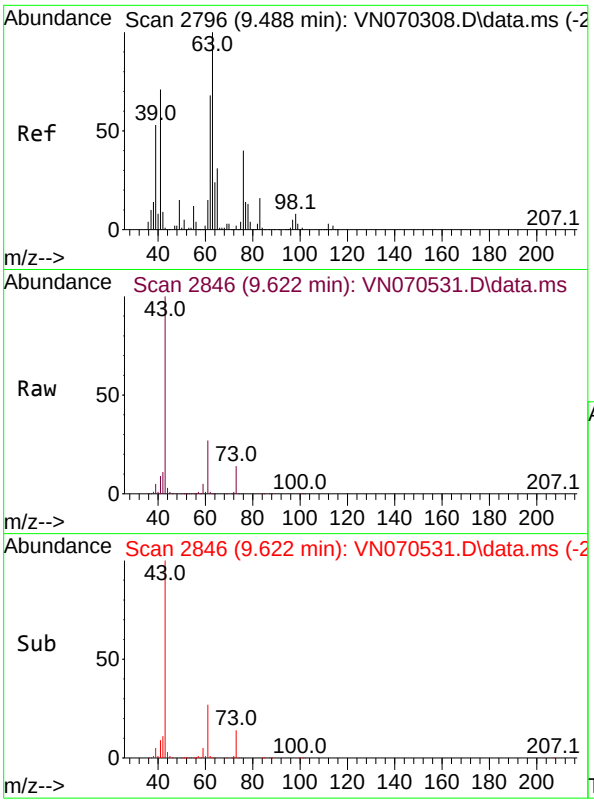


#43
Isopropyl Acetate
Concen: 4.864 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 43 Resp: 156293

Ion	Ratio	Lower	Upper
43	100		
61	15.2	20.4	30.6#
87	9.6	11.2	16.8#



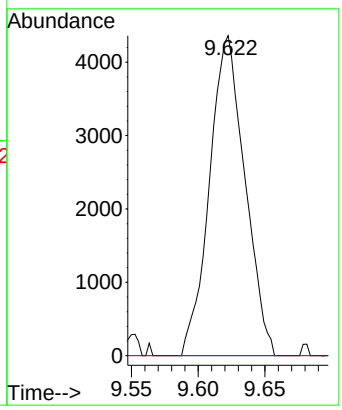


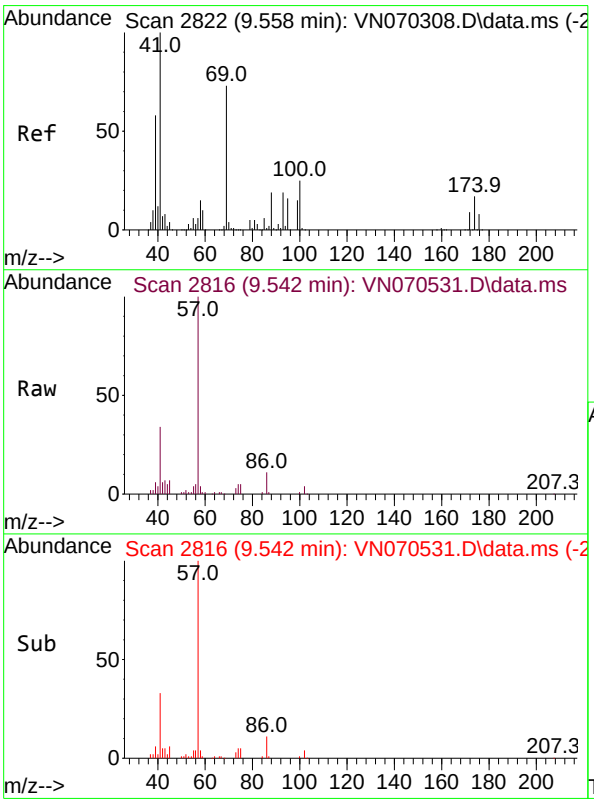
#45
1,2-Dichloropropane
Concen: 0.621 ug/l
RT: 9.622 min Scan# 2
Delta R.T. 0.134 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 8060

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#

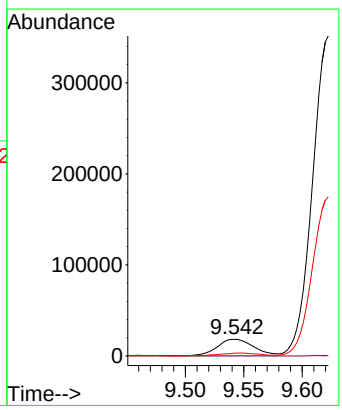


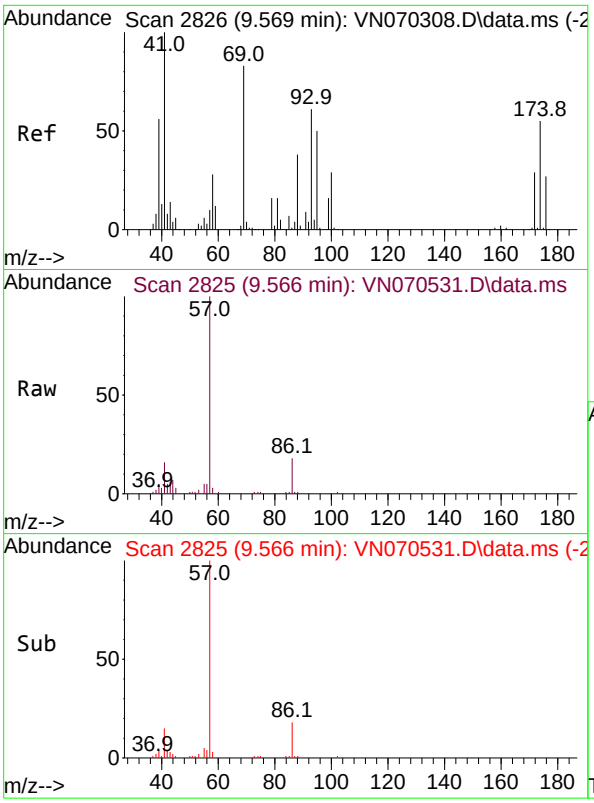


#48
Methyl methacrylate
Concen: 2.543 ug/l
RT: 9.542 min Scan# 2816
Delta R.T. -0.016 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 41 Resp: 38981

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.4	108.6#
39	0.0	58.4	87.6#



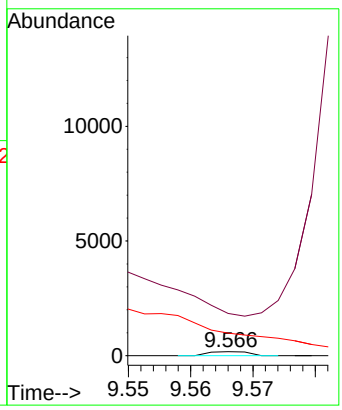


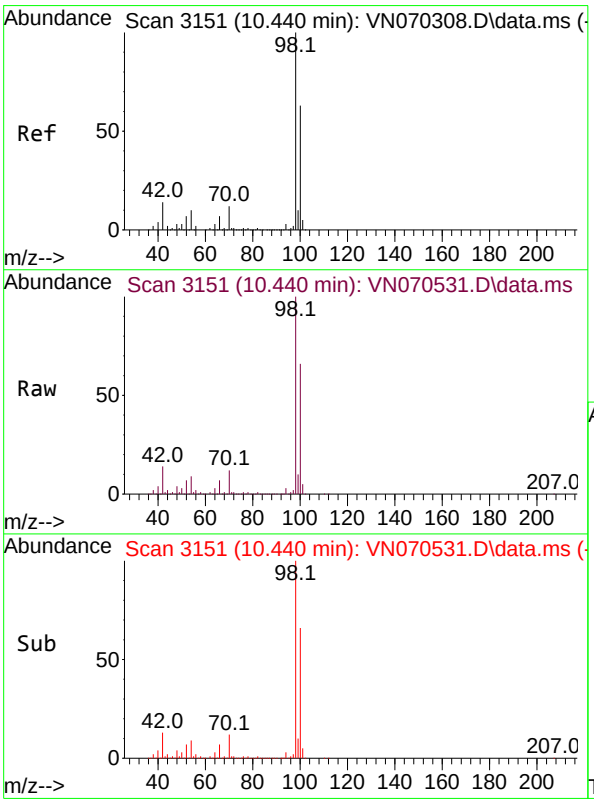
#49
1,4-Dioxane
Concen: 0.348 ug/l
RT: 9.566 min Scan# 2
Delta R.T. -0.003 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 78

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.2#
58	0.0	50.6	75.8#

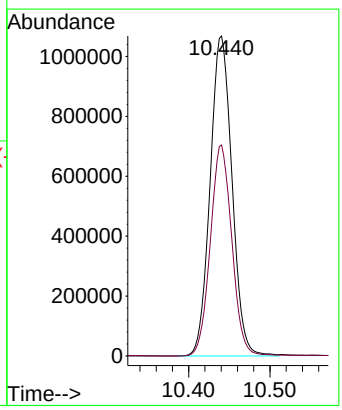


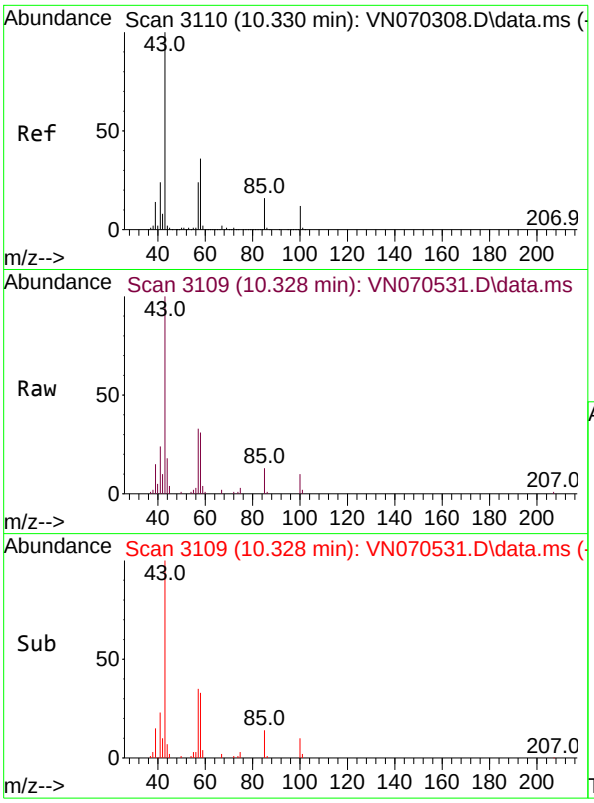


#50
Toluene-d8
Concen: 51.468 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 98 Resp: 1998368

Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.4	75.6



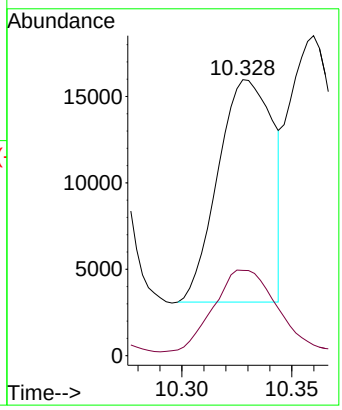


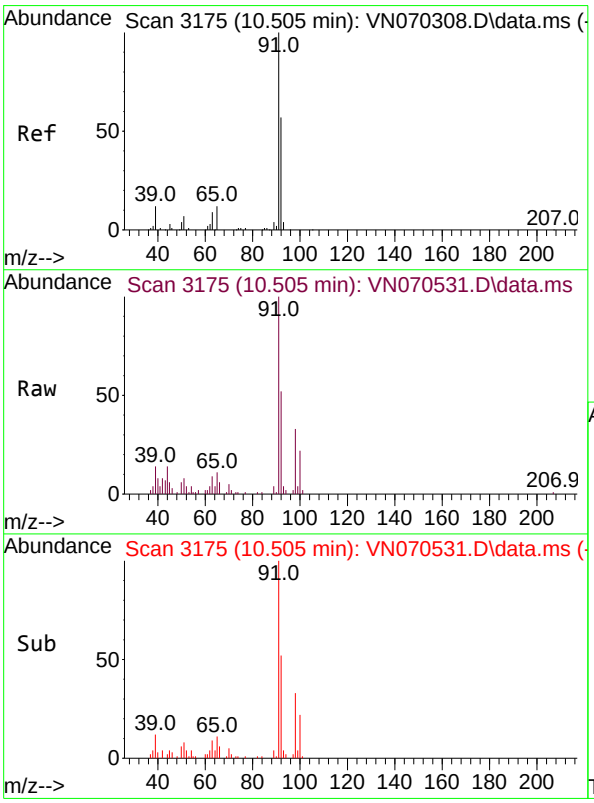
#51
4-Methyl-2-Pentanone
Concen: 1.107 ug/l
RT: 10.328 min Scan# 3
Delta R.T. -0.002 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 22348

Ion	Ratio	Lower	Upper
43	100		
58	44.7	30.4	45.6

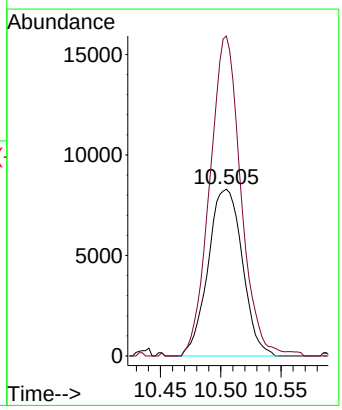


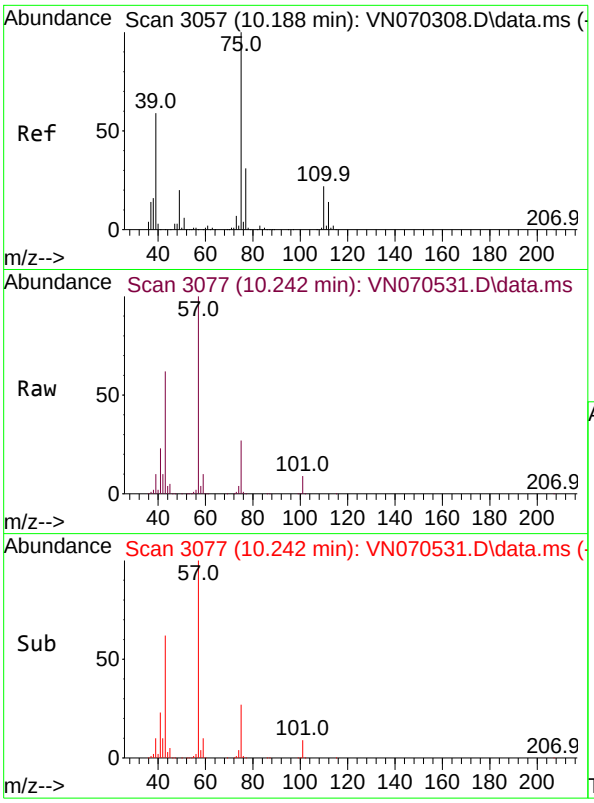


#52
Toluene
Concen: 0.563 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 92 Resp: 16430

Ion	Ratio	Lower	Upper
92	100		
91	174.5	142.0	213.0



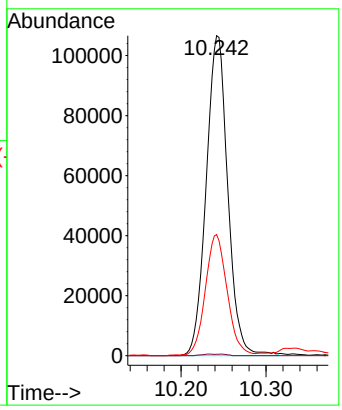


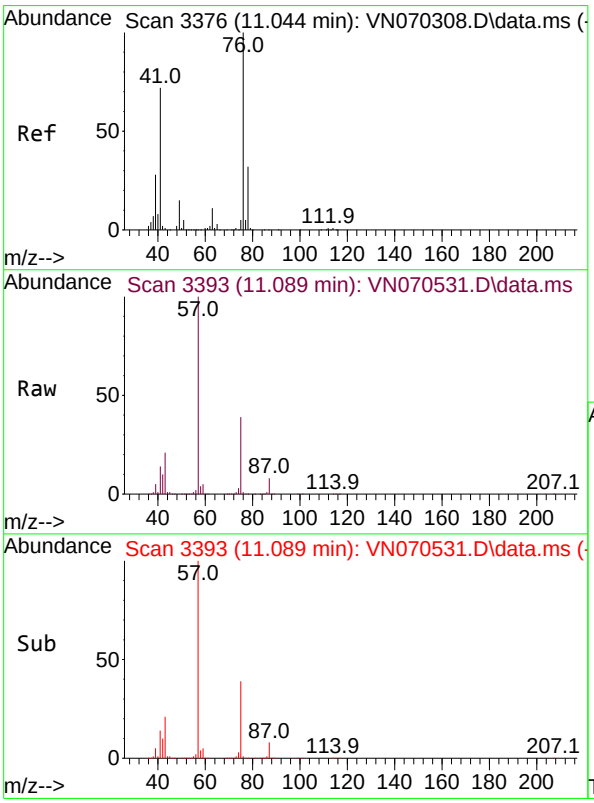
#54
cis-1,3-Dichloropropene
Concen: 10.013 ug/l
RT: 10.242 min Scan# 3
Delta R.T. 0.054 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 187907

Ion	Ratio	Lower	Upper
75	100		
77	0.4	26.4	39.6#
39	37.6	42.5	63.7#

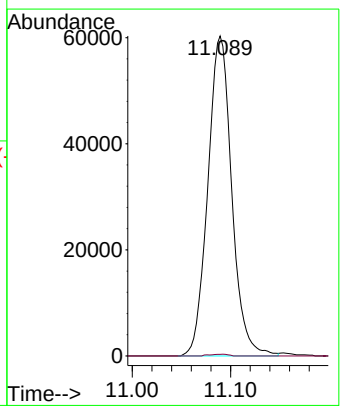


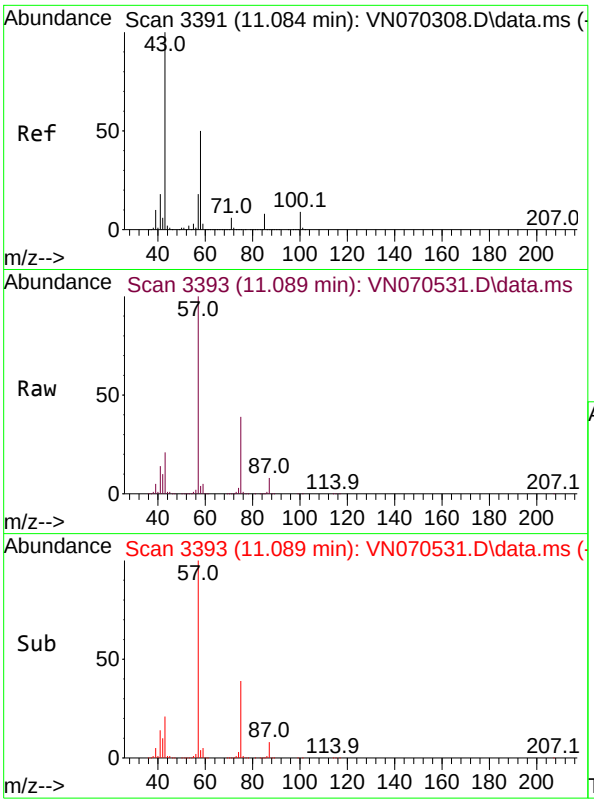


#57
1,3-Dichloropropane
Concen: 4.990 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.045 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 76 Resp: 101887

Ion	Ratio	Lower	Upper
76	100		
78	0.4	25.7	38.5#



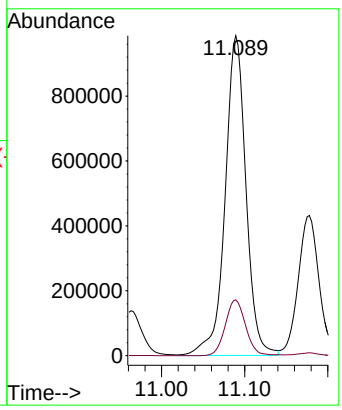


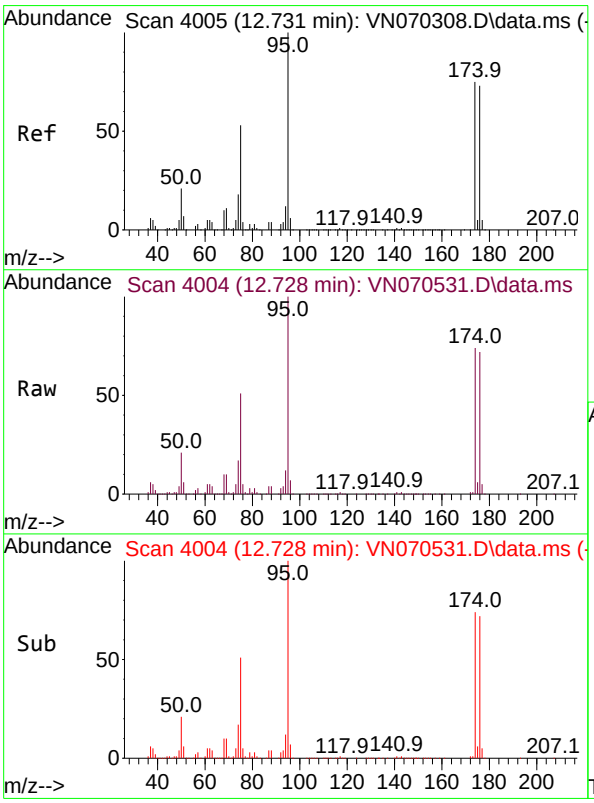
#59
2-Hexanone
Concen: 116.984 ug/l
RT: 11.089 min Scan# 3
Delta R.T. 0.005 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1722460

Ion	Ratio	Lower	Upper
43	100		
58	17.1	26.9	80.7#

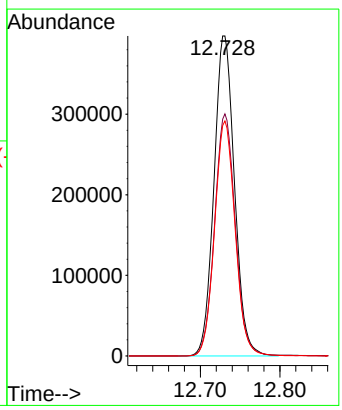


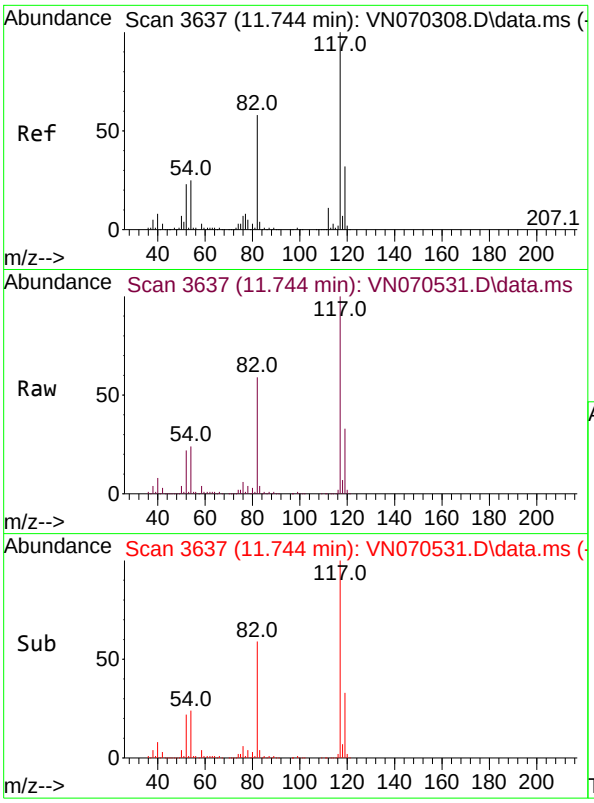


#62
4-Bromofluorobenzene
Concen: 50.799 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 95 Resp: 712375

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	187.2
176	73.5	0.0	181.4



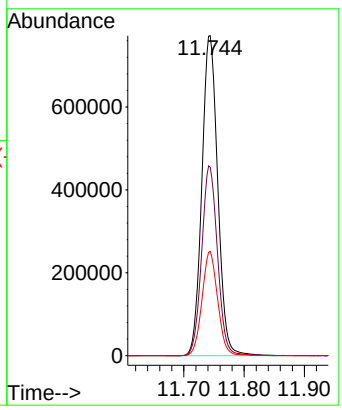


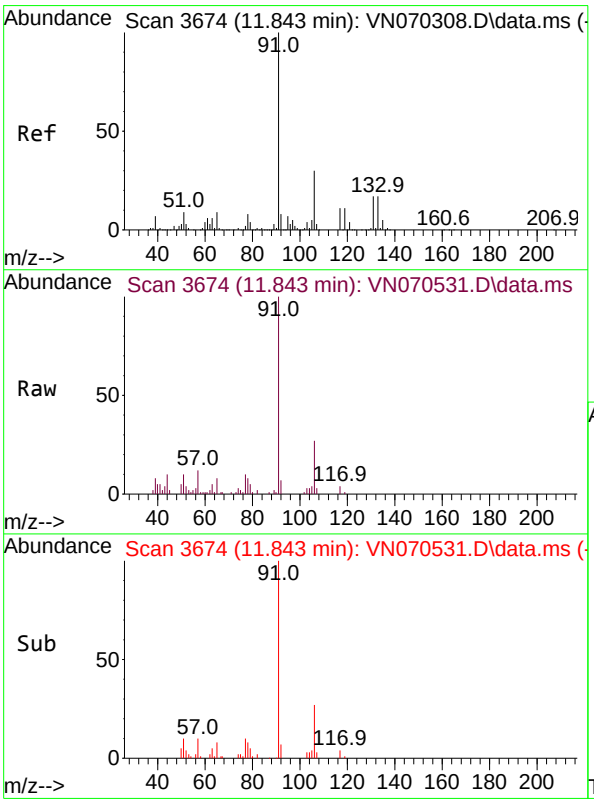
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 1414284

Ion	Ratio	Lower	Upper
117	100		
82	58.9	42.4	63.6
119	32.6	25.4	38.2

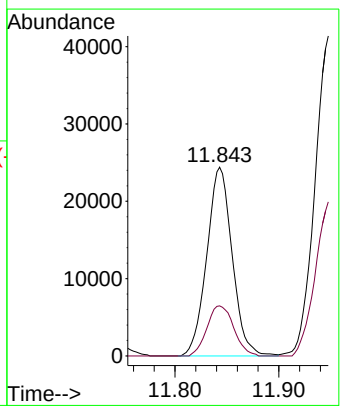


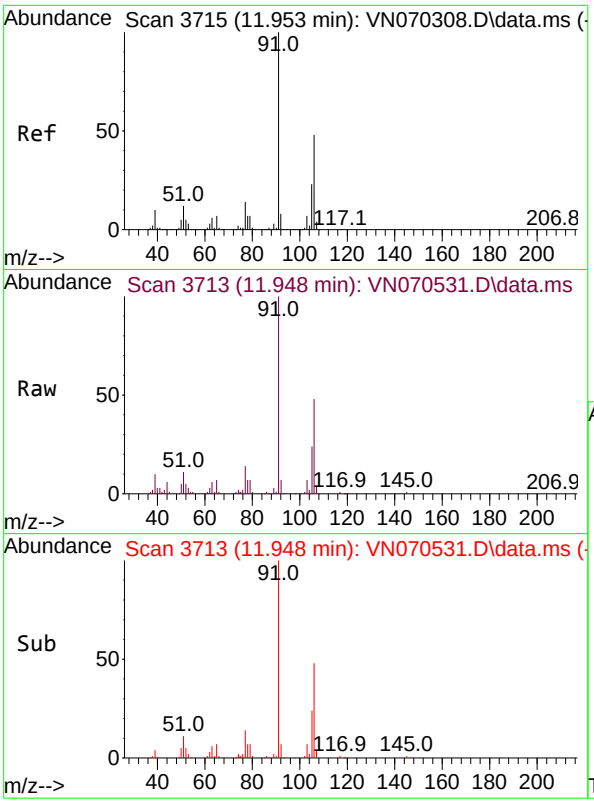


#67
Ethyl Benzene
Concen: 0.756 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 91 Resp: 41549

Ion	Ratio	Lower	Upper
91	100		
106	26.5	25.7	38.5



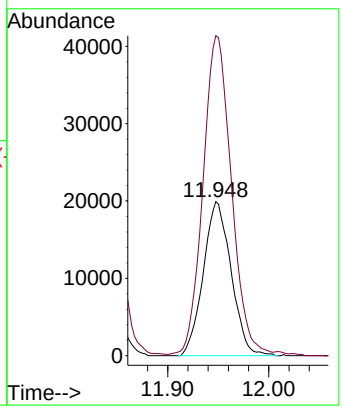


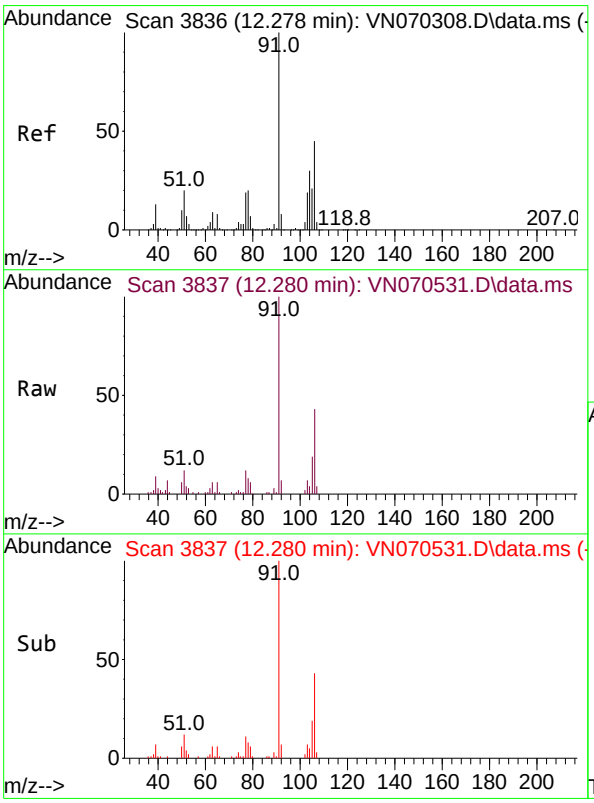
#68
m/p-Xylenes
Concen: 1.905 ug/l
RT: 11.948 min Scan# 3
Delta R.T. -0.005 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 38122

Ion	Ratio	Lower	Upper
106	100		
91	209.8	160.6	240.8

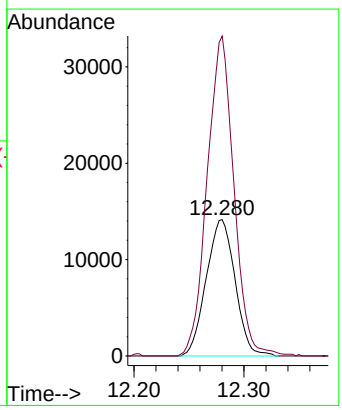


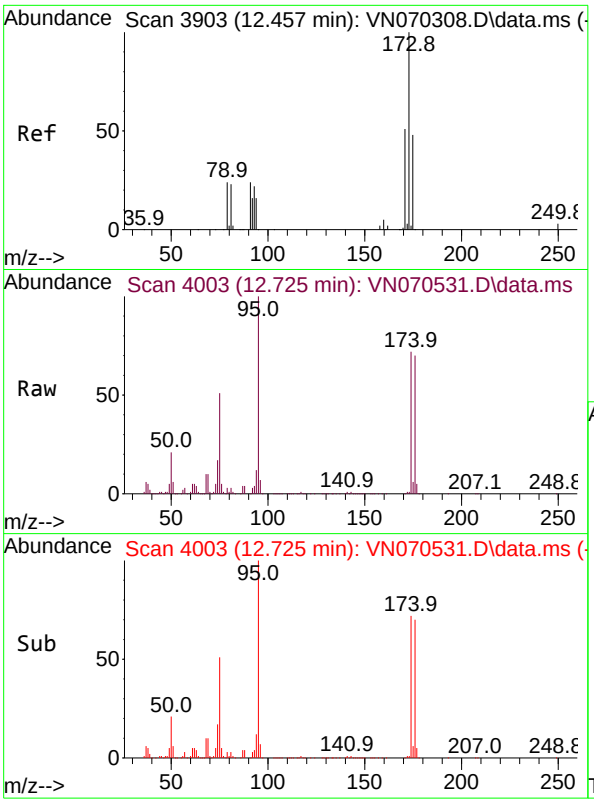


#69
o-Xylene
Concen: 1.298 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion:106 Resp: 25834

Ion	Ratio	Lower	Upper
106	100		
91	217.4	105.8	317.3



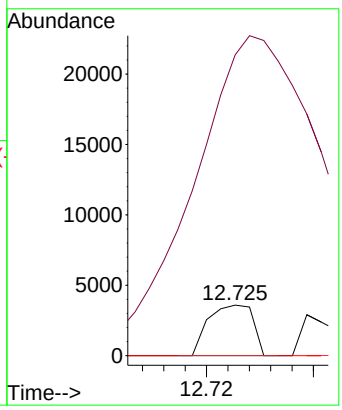


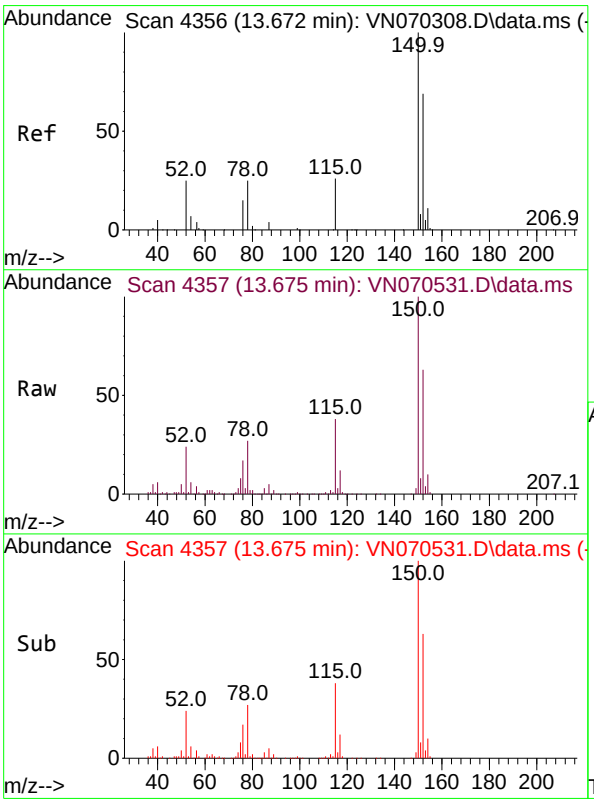
#71
Bromoform
Concen: 0.262 ug/l
RT: 12.725 min Scan# 4
Delta R.T. 0.268 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 2081

Ion	Ratio	Lower	Upper
173	100		
175	1785.7	24.2	72.6#
254	0.0	0.0	0.0

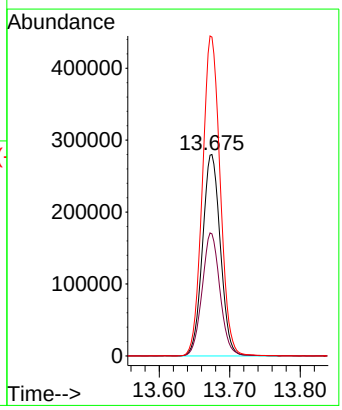


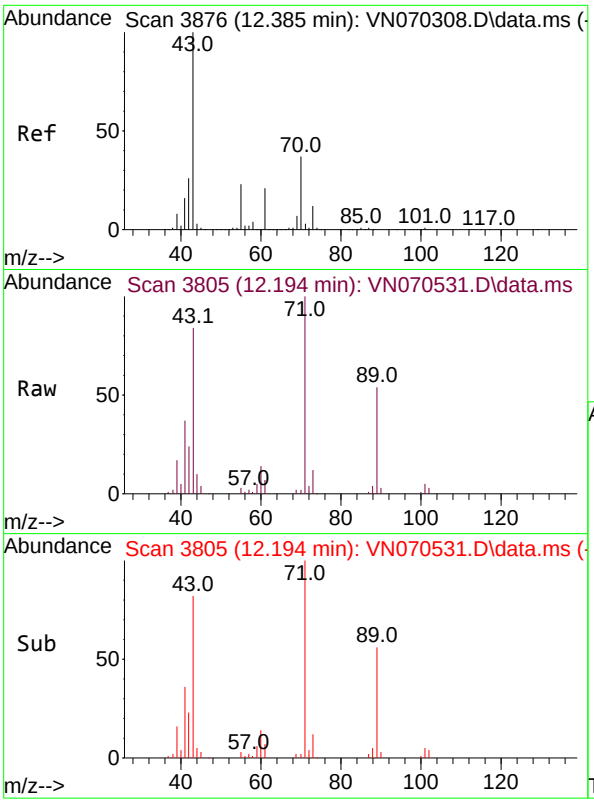


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion:152 Resp: 492619

Ion	Ratio	Lower	Upper
152	100		
115	60.8	27.5	82.5
150	158.2	0.0	344.4



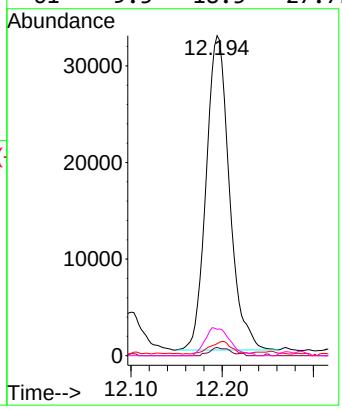


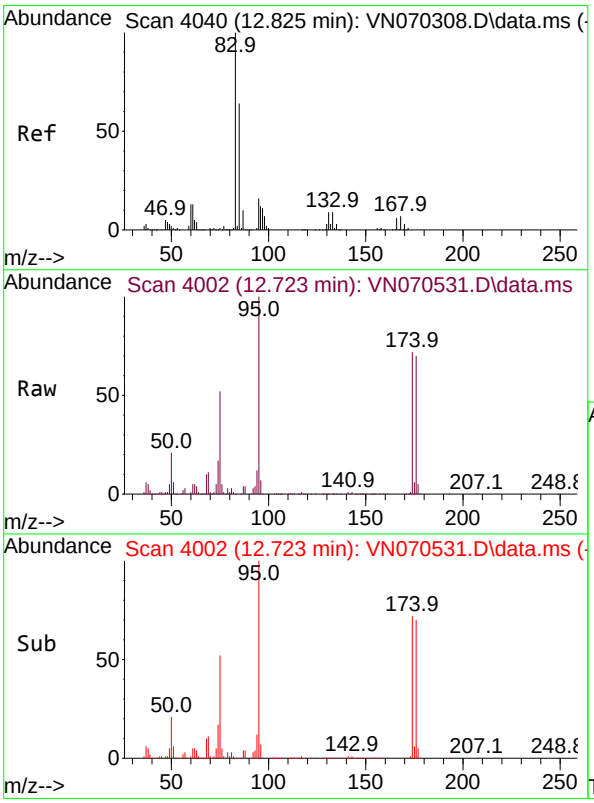
#74
N-amyl acetate
Concen: 2.998 ug/l
RT: 12.194 min Scan# 3
Delta R.T. -0.191 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 57658

Ion	Ratio	Lower	Upper
43	100		
70	2.2	33.4	50.0#
55	3.7	19.3	28.9#
61	9.5	18.5	27.7#

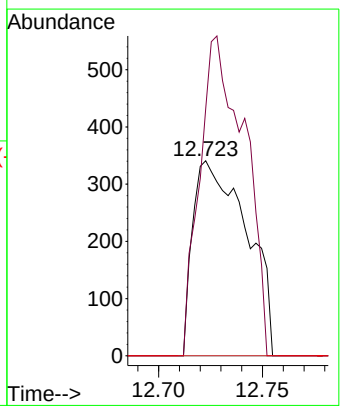


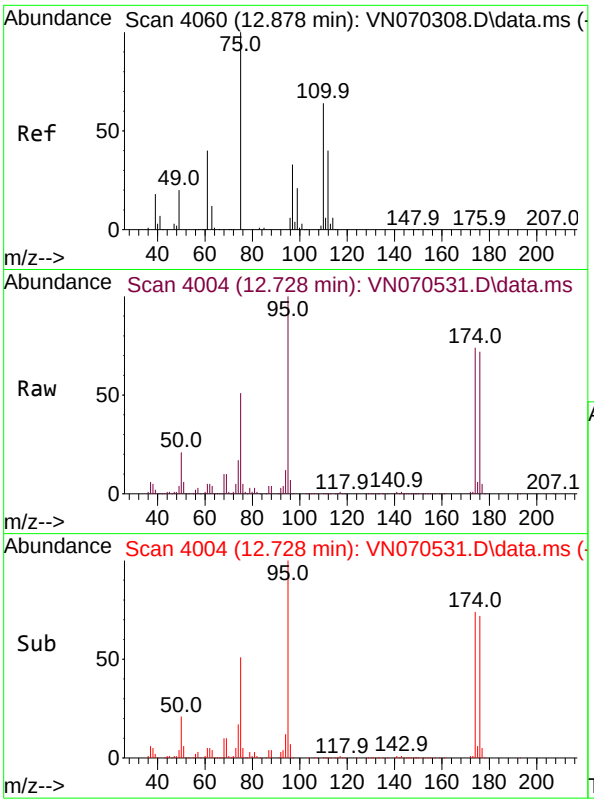


#75
1,1,2,2-Tetrachloroethane
Concen: 0.484 ug/l
RT: 12.723 min Scan# 4002
Delta R.T. -0.102 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 83 Resp: 613

Ion	Ratio	Lower	Upper
83	100		
131	136.5	5.5	16.5#
85	0.0	32.4	97.2#



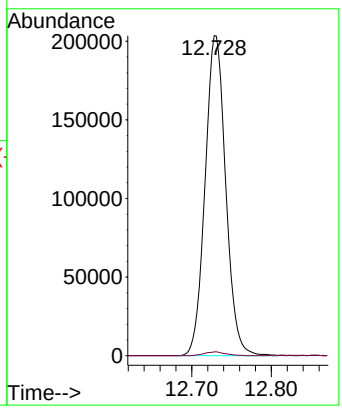


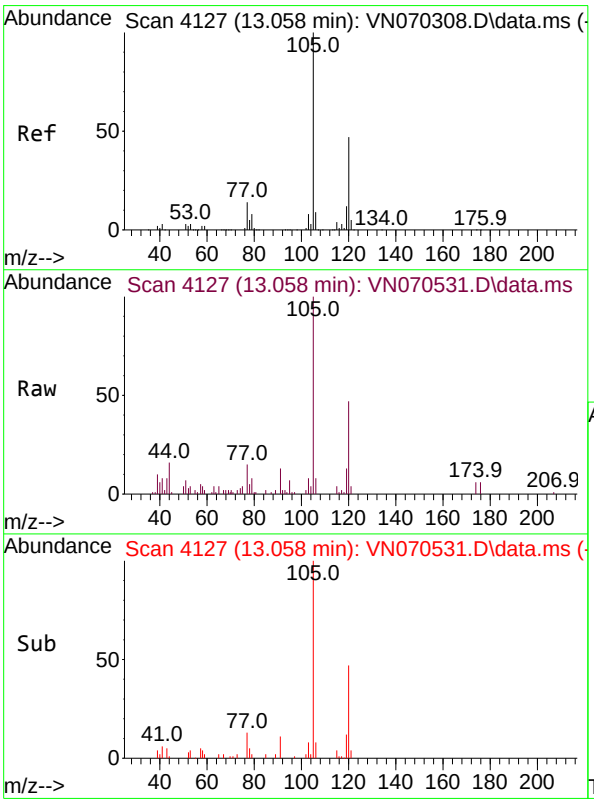
#76
1,2,3-Trichloropropane
Concen: 26.564 ug/l
RT: 12.728 min Scan# 4
Delta R.T. -0.150 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 367643

Ion	Ratio	Lower	Upper
75	100		
77	1.2	82.6	247.8#

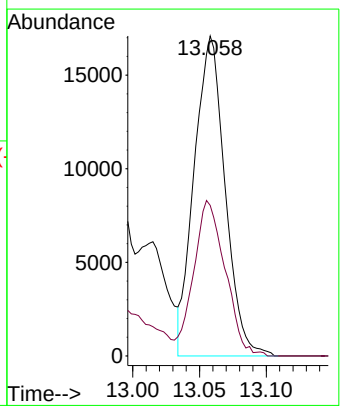


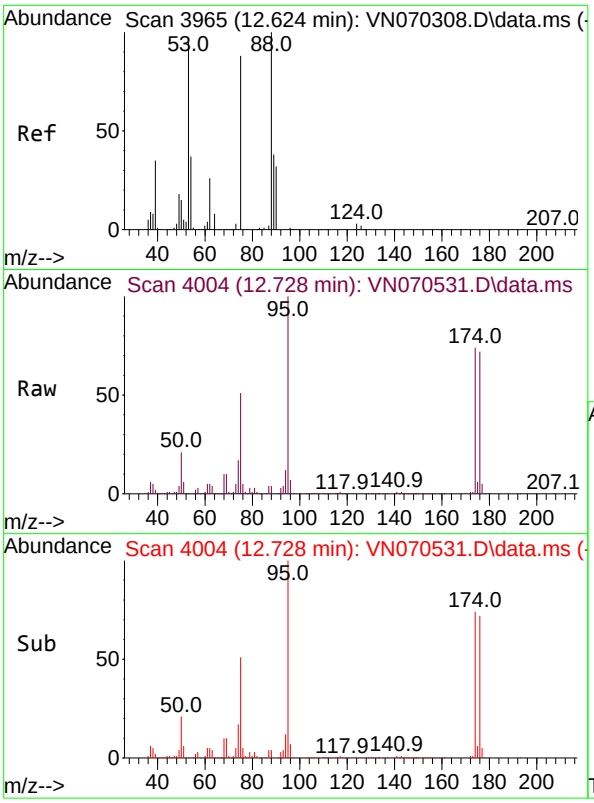


#80
1,3,5-Trimethylbenzene
Concen: 0.749 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion:105 Resp: 27470

Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.6	73.6



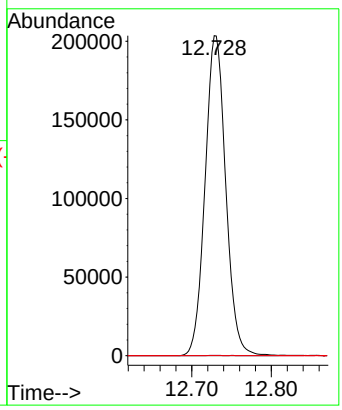


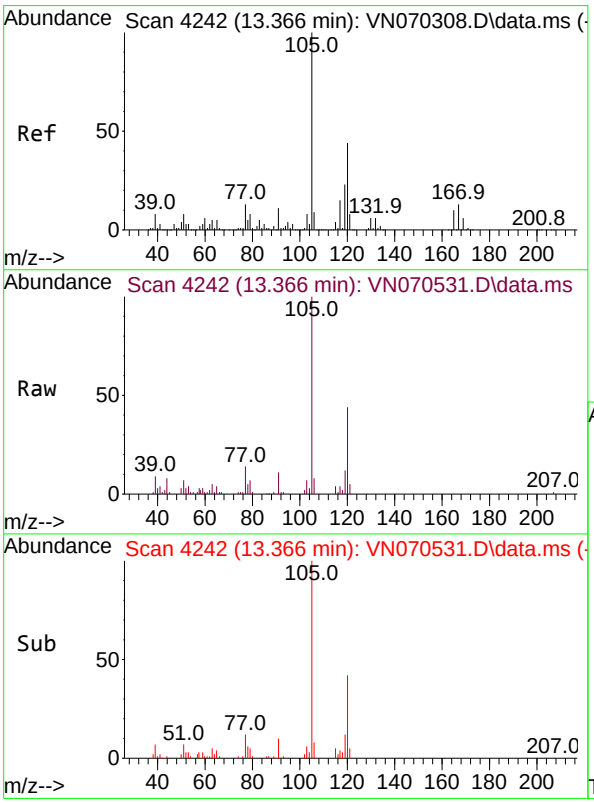
#81
trans-1,4-Dichloro-2-butene
Concen: 91.181 ug/l
RT: 12.728 min Scan# 4
Delta R.T. 0.104 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 367643

Ion	Ratio	Lower	Upper
75	100		
53	0.1	90.5	135.7#
89	0.0	38.2	57.4#

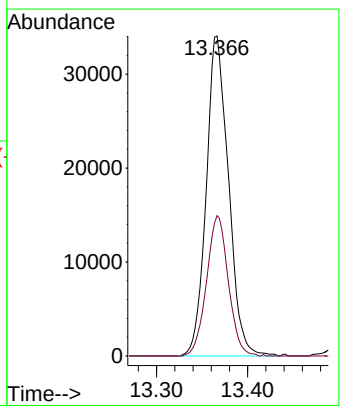


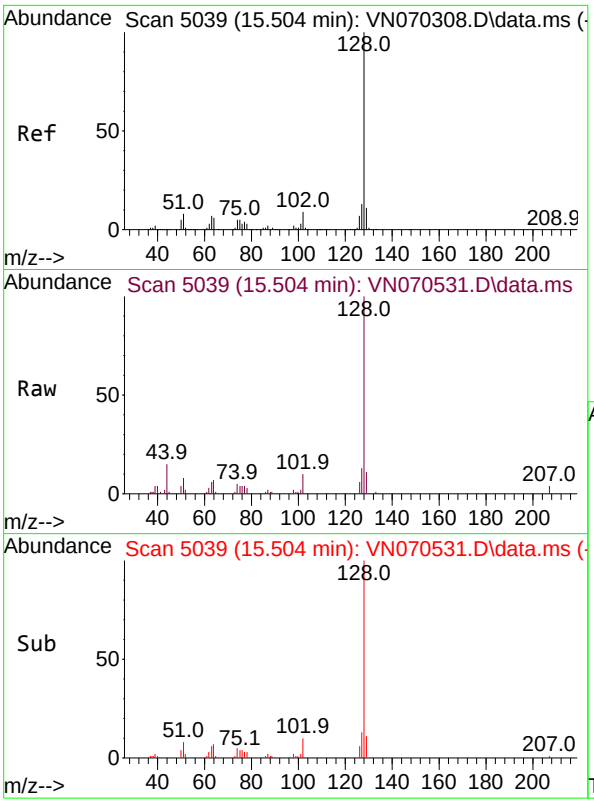


#84
1,2,4-Trimethylbenzene
Concen: 1.636 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion:105 Resp: 57768

Ion	Ratio	Lower	Upper
105	100		
120	42.8	22.8	68.4





#95
Naphthalene
Concen: 3.851 ug/l
RT: 15.504 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 47827

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.3	8.7	13.1