Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
Data File : VN068974.D
Acq On : 18 Oct 2021 13:03
Operator : JC/MD
Sample : M4243-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Oct 19 06:34:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

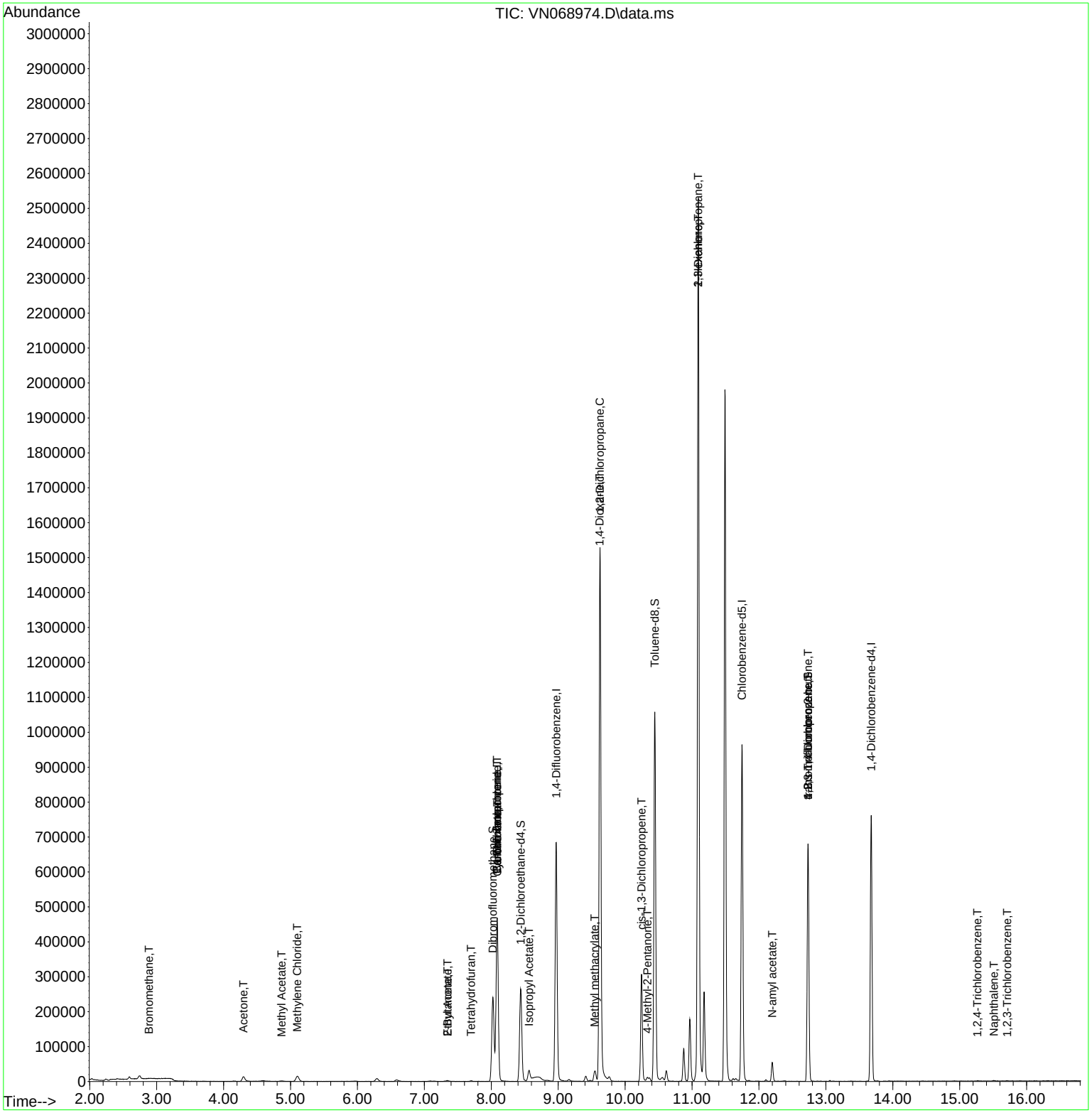
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	355178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	607967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	567554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	204537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	228913	48.883	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.760%			
35) Dibromofluoromethane	8.024	113	180581	51.052	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.100%			
50) Toluene-d8	10.443	98	761365	53.796	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.600%			
62) 4-Bromofluorobenzene	12.733	95	254884	47.733	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.460%			
Target Compounds						Qvalue
5) Bromomethane	2.882	94	743	0.306	ug/l	89
16) Acetone	4.296	43	25714	14.714	ug/l	97
18) Methyl Acetate	4.867	43	2031	0.306	ug/l #	89
20) Methylene Chloride	5.098	84	12742	3.168	ug/l	99
25) 2-Butanone	7.345	43	4732	1.791	ug/l	95
29) Tetrahydrofuran	7.697	42	1238	0.722	ug/l #	69
31) Cyclohexane	8.091	56	8150	1.119	ug/l #	7
36) 1,1-Dichloropropene	8.088	75	29213	5.625	ug/l #	50
37) Ethyl Acetate	7.345	43	4732	0.882	ug/l #	68
38) Carbon Tetrachloride	8.088	117	37180	6.519	ug/l #	16
43) Isopropyl Acetate	8.566	43	43459	4.593	ug/l #	85
45) 1,2-Dichloropropane	9.622	63	1883	0.459	ug/l #	43
48) Methyl methacrylate	9.545	41	8978	2.019	ug/l #	13
49) 1,4-Dioxane	9.620	88	80	36.524	ug/l #	1
51) 4-Methyl-2-Pentanone	10.333	43	5544	1.010	ug/l #	80
54) cis-1,3-Dichloropropene	10.245	75	58558	8.560	ug/l #	58
57) 1,3-Dichloropropane	11.092	76	27359	4.136	ug/l #	42
59) 2-Hexanone	11.092	43	398568	101.290	ug/l #	50
74) N-amyl acetate	12.197	43	18507	2.869	ug/l #	54
76) 1,2,3-Trichloropropane	12.733	75	133232	30.614	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	133232	73.243	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.262	180	282	2.679	ug/l #	36
95) Naphthalene	15.509	128	2450	4.050	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.708	180	400	2.630	ug/l #	83

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

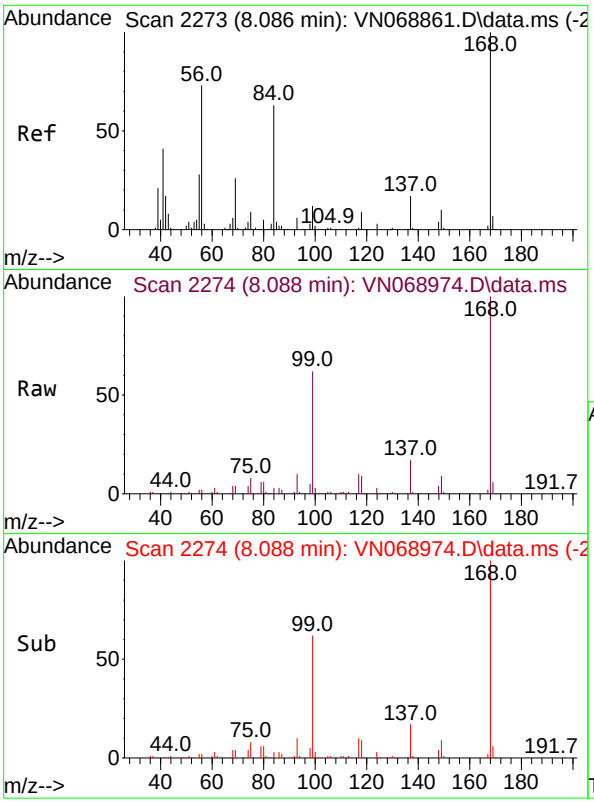
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
Data File : VN068974.D
Acq On : 18 Oct 2021 13:03
Operator : JC/MD
Sample : M4243-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 19 06:34:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration



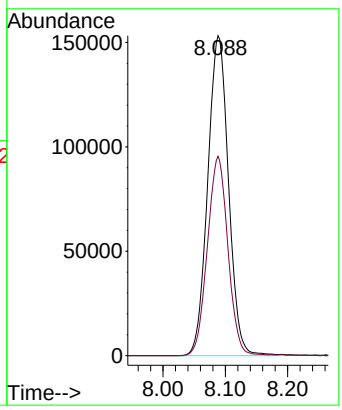
Instrument :
MSVOA_N
ClientSampleId :

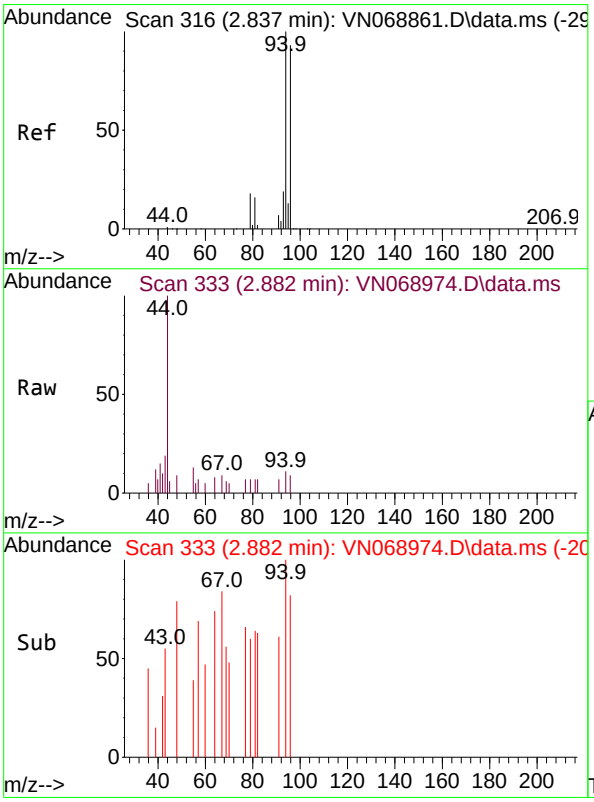


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion:168 Resp: 355178

Ion	Ratio	Lower	Upper
168	100		
99	62.3	48.9	73.3

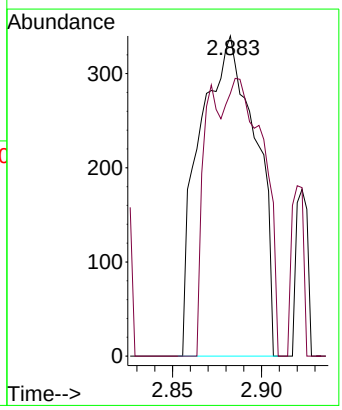


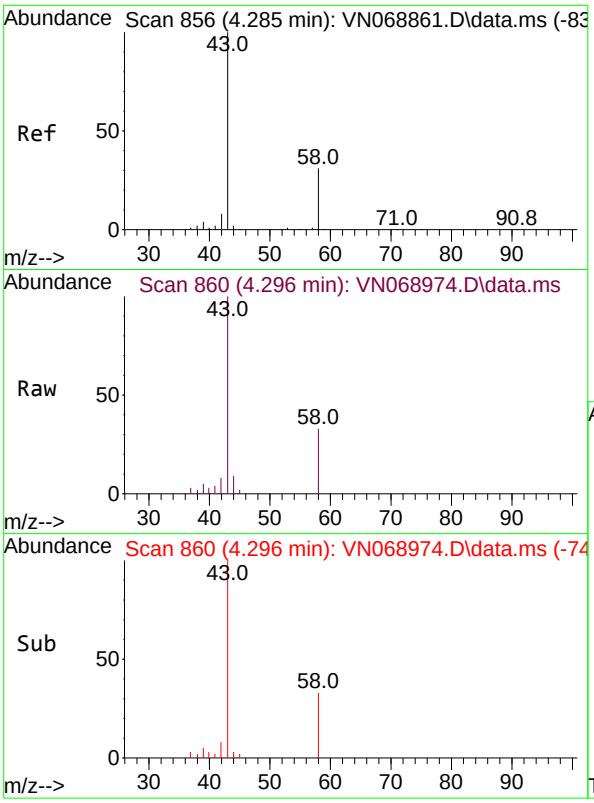


#5
Bromomethane
Concen: 0.306 ug/l
RT: 2.882 min Scan# 333
Delta R.T. 0.046 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 94 Resp: 743

Ion	Ratio	Lower	Upper
94	100		
96	82.1	74.2	111.4

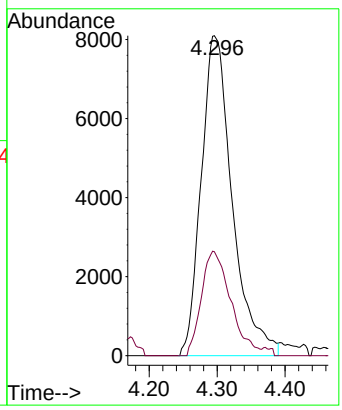




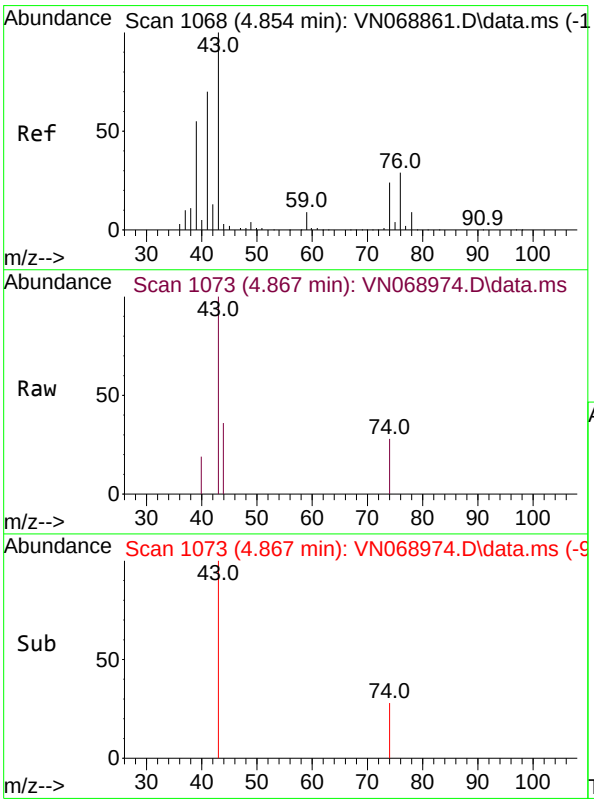
#16
Acetone
Concen: 14.714 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 43 Resp: 25714

Ion	Ratio	Lower	Upper
43	100		
58	32.5	24.5	36.7



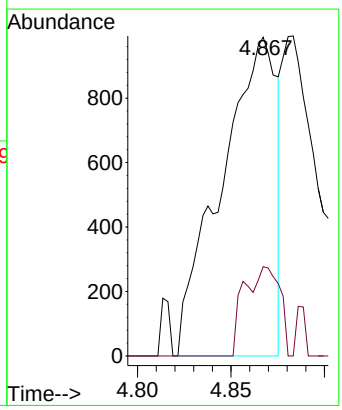
Instrument :
MSVOA_N
ClientSampleId :

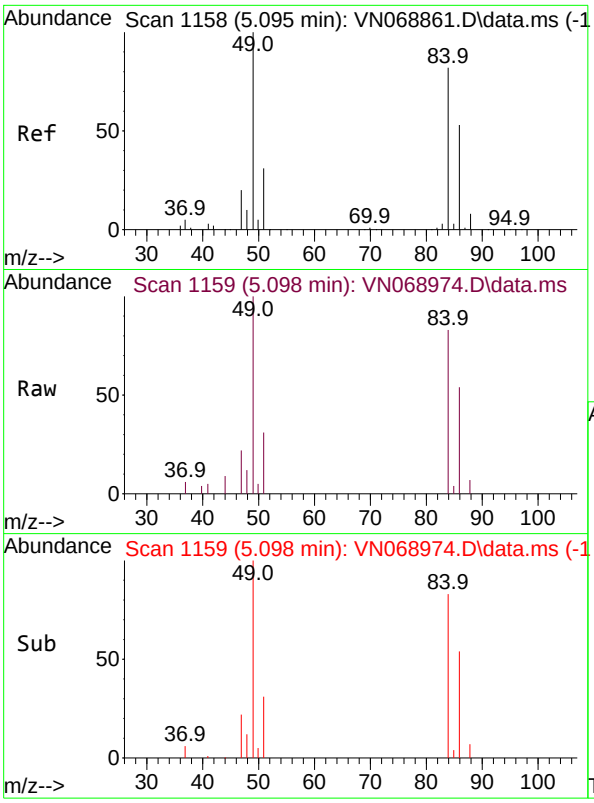


#18
Methyl Acetate
Concen: 0.306 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 43 Resp: 2031

Ion	Ratio	Lower	Upper
43	100		
74	18.0	18.9	28.3#

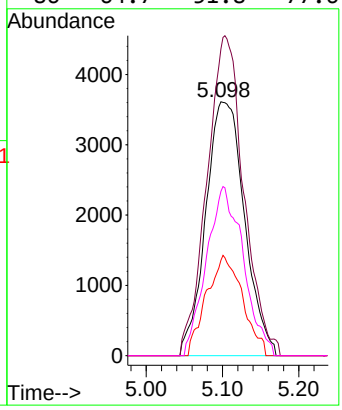




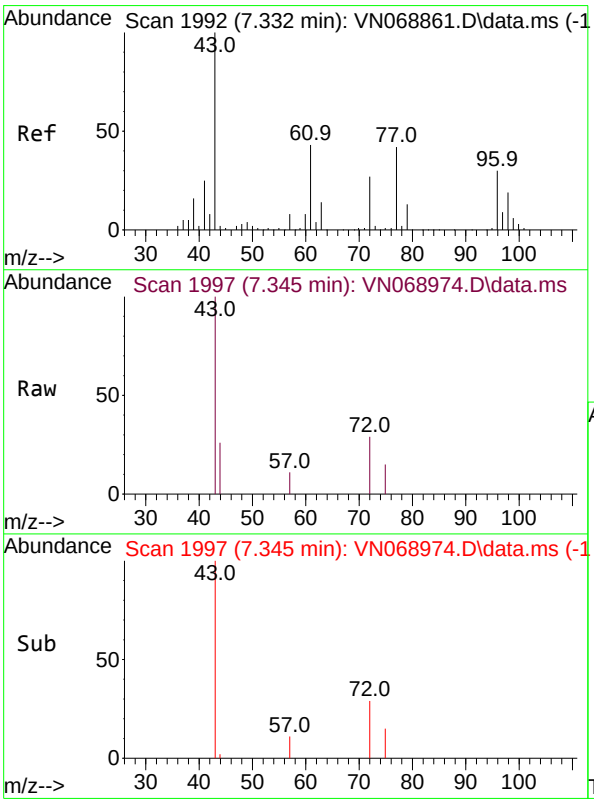
#20
Methylene Chloride
Concen: 3.168 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 84 Resp: 12742

Ion	Ratio	Lower	Upper
84	100		
49	120.8	97.6	146.4
51	37.6	30.3	45.5
86	64.7	51.8	77.6



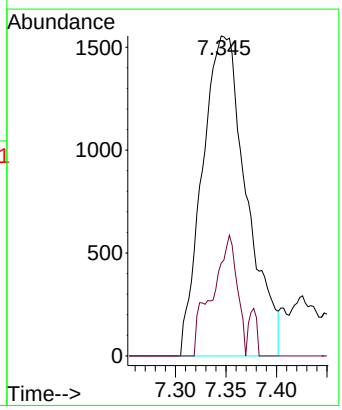
Instrument :
MSVOA_N
ClientSampleId :



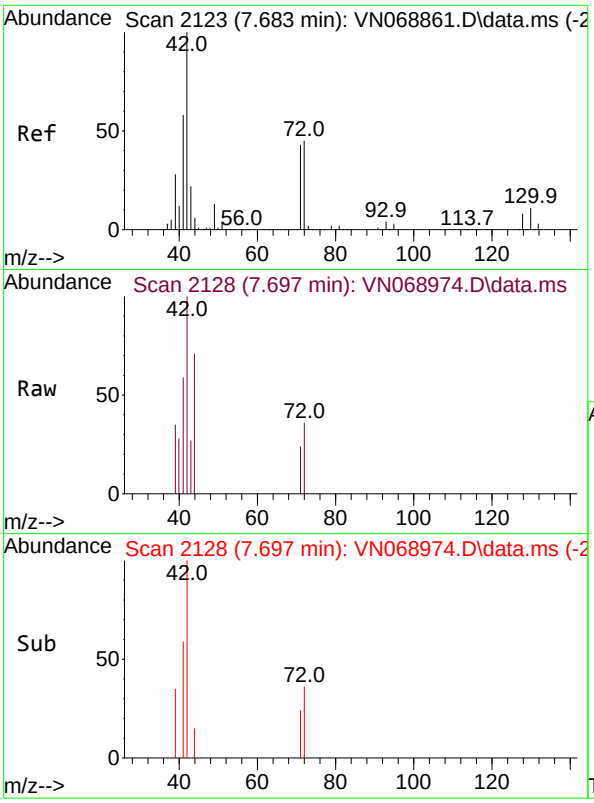
#25
2-Butanone
Concen: 1.791 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.013 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 43 Resp: 4732

Ion	Ratio	Lower	Upper
43	100		
72	29.0	21.2	31.8



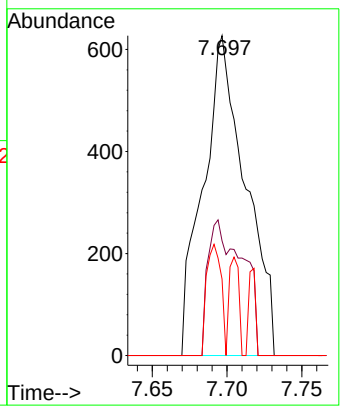
Instrument :
MSVOA_N
ClientSampleId :

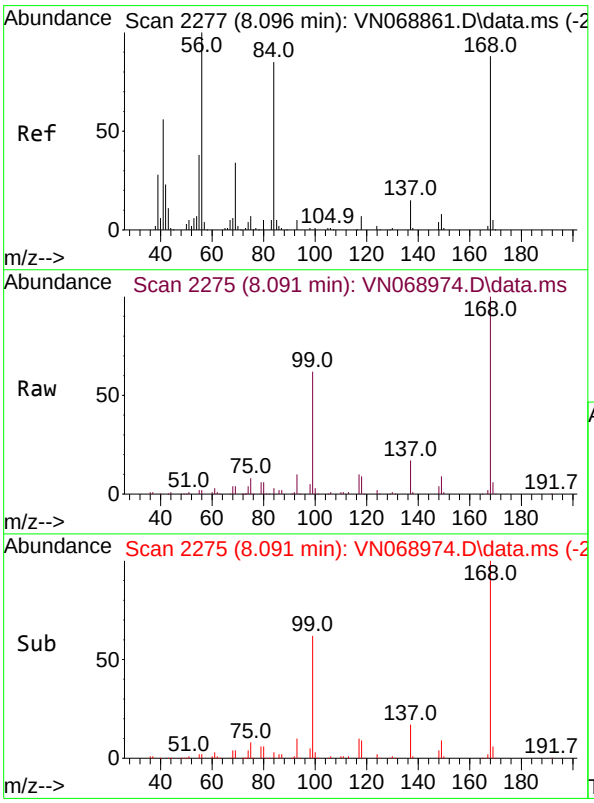


#29
Tetrahydrofuran
Concen: 0.722 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.013 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 42 Resp: 1238

Ion	Ratio	Lower	Upper
42	100		
72	34.6	35.4	53.2#
71	11.9	33.8	50.6#

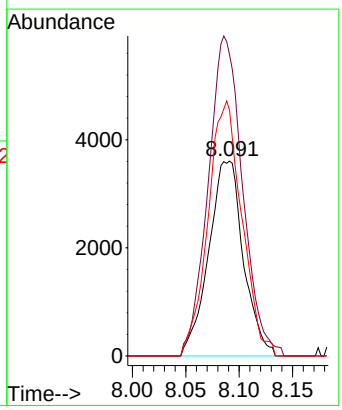


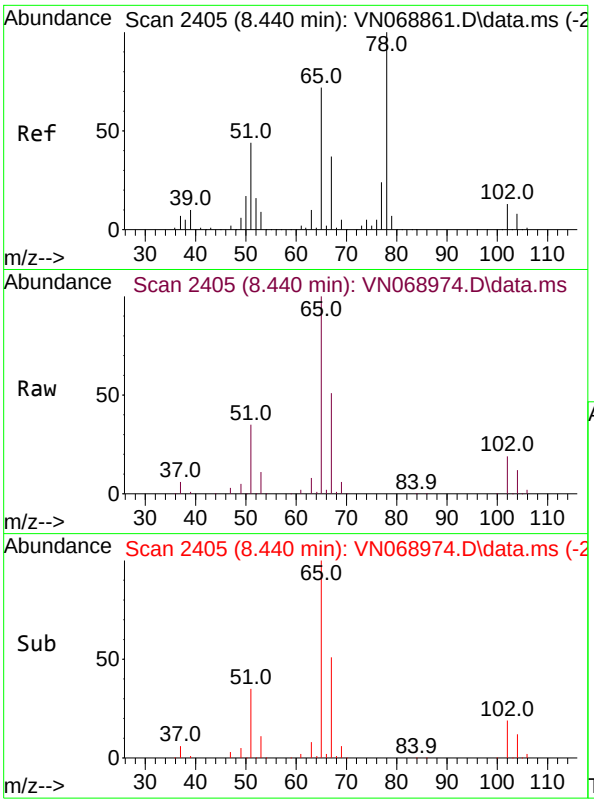


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 56 Resp: 8150

Ion	Ratio	Lower	Upper
56	100		
69	154.5	26.9	40.3#
84	126.0	67.6	101.4#

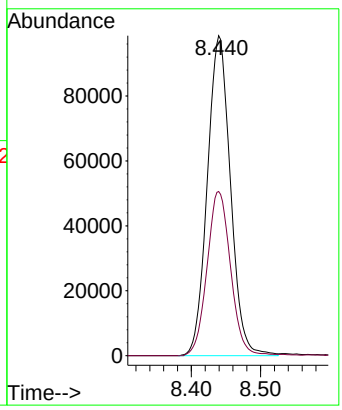




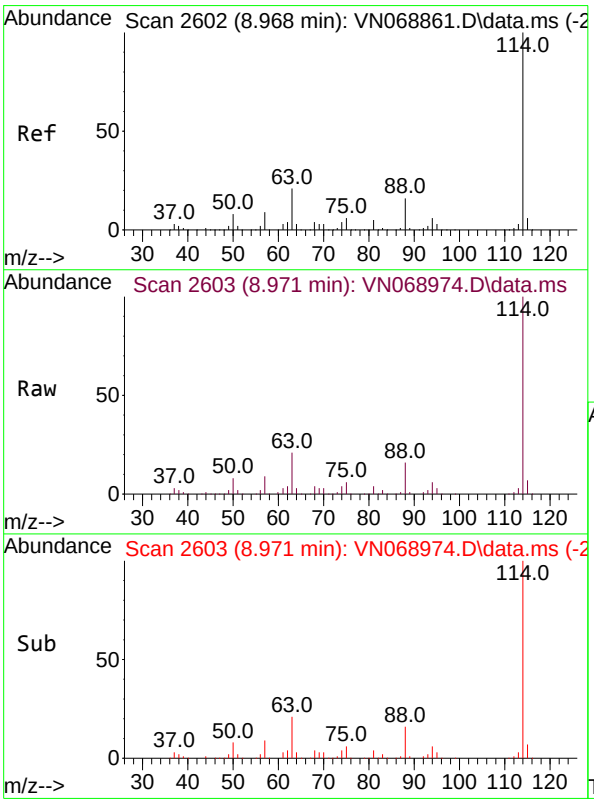
#33
1,2-Dichloroethane-d4
Concen: 48.883 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 65 Resp: 228913

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.8



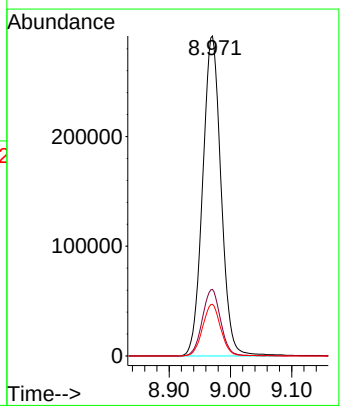
Instrument :
MSVOA_N
ClientSampleId :

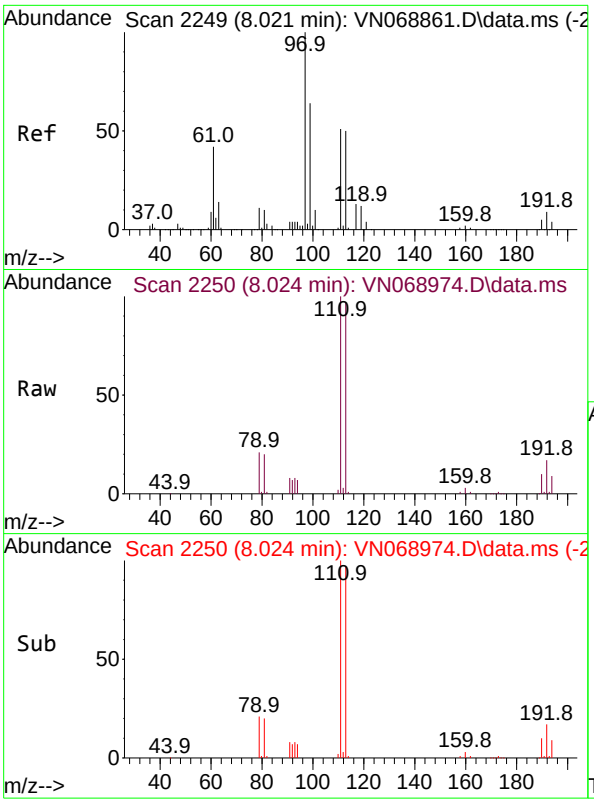


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion:114 Resp: 607967

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.6
88	16.1	0.0	32.0

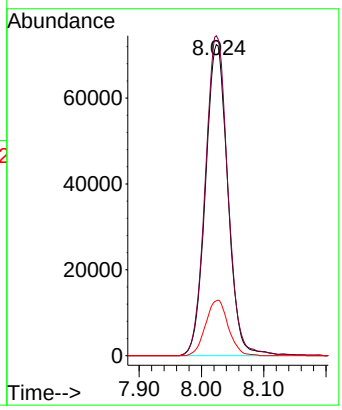




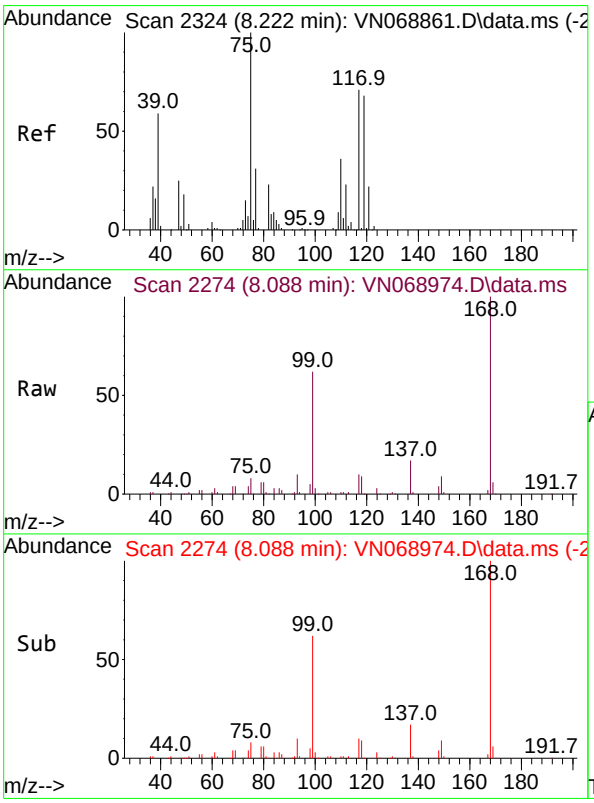
#35
Dibromofluoromethane
Concen: 51.052 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion:113 Resp: 180581

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.2	124.8
192	18.1	15.0	22.4



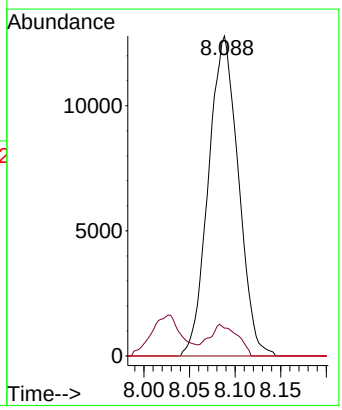
Instrument :
MSVOA_N
ClientSampleId :



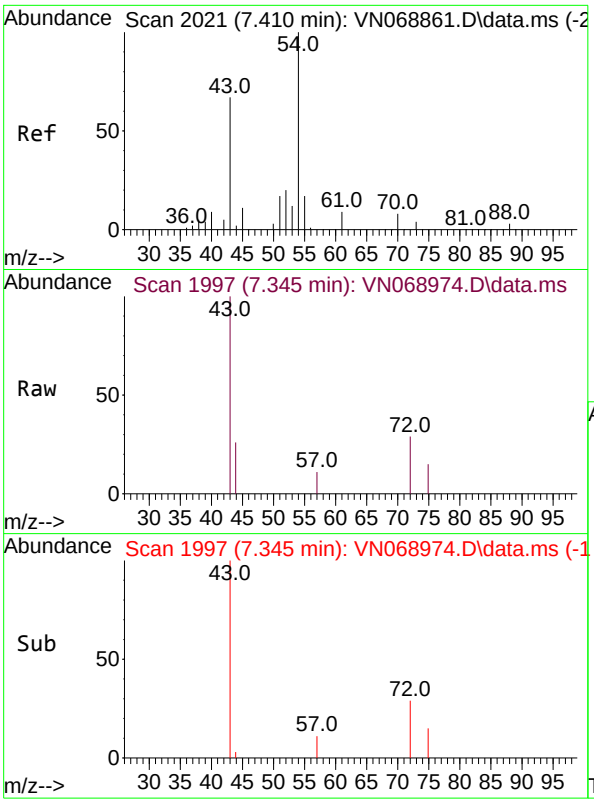
#36
1,1-Dichloropropene
Concen: 5.625 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 75 Resp: 29213

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.9	53.8#
77	0.0	24.7	37.1#



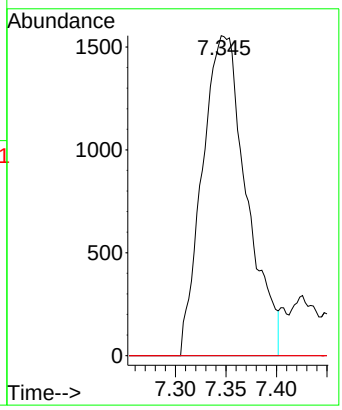
Instrument :
MSVOA_N
ClientSampleId :

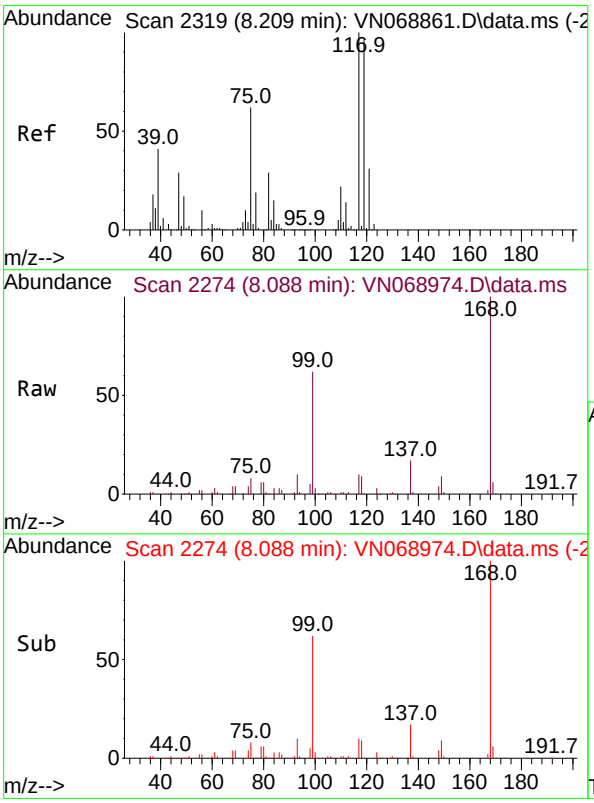


#37
Ethyl Acetate
Concen: 0.882 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. -0.064 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 43 Resp: 4732

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.2	16.8#
70	0.0	8.4	12.6#

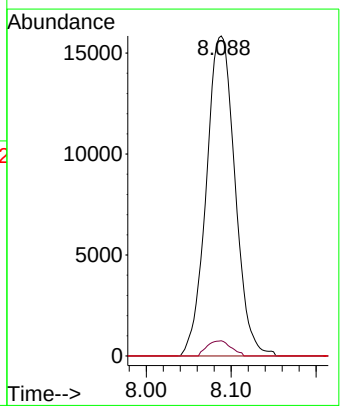




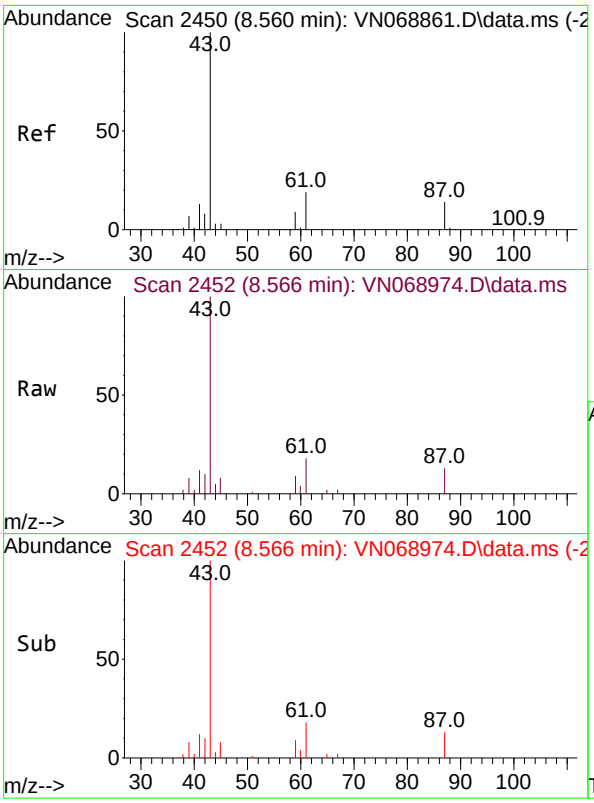
#38
Carbon Tetrachloride
Concen: 6.519 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion:117 Resp: 37180

Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.9	115.3#
121	0.0	24.6	37.0#



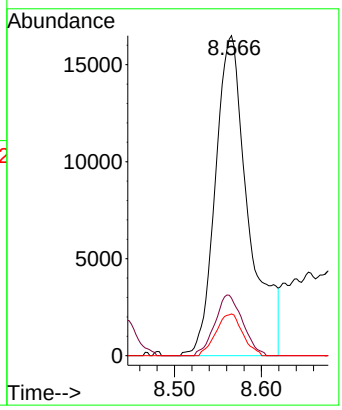
Instrument :
MSVOA_N
ClientSampleId :

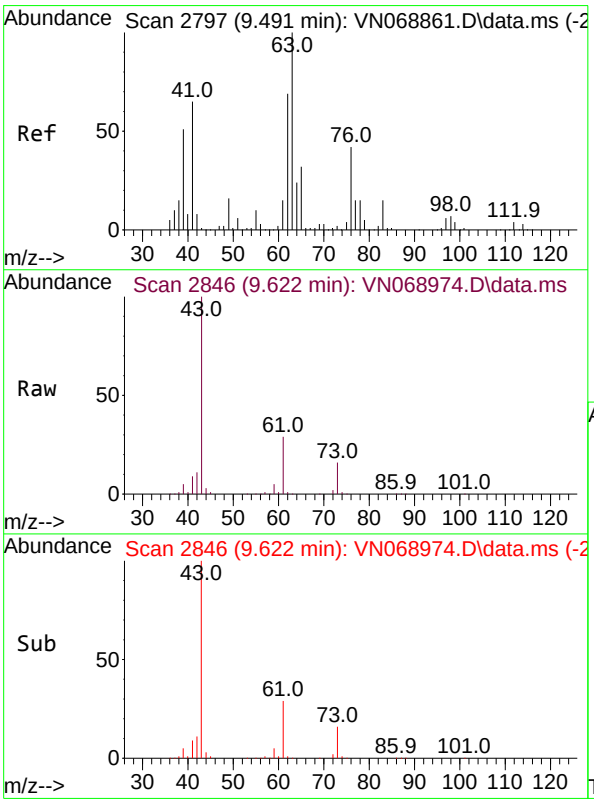


#43
Isopropyl Acetate
Concen: 4.593 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.005 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 43 Resp: 43459

Ion	Ratio	Lower	Upper
43	100		
61	16.0	20.4	30.6#
87	10.6	10.7	16.1#

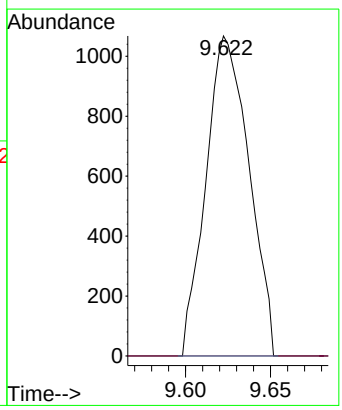




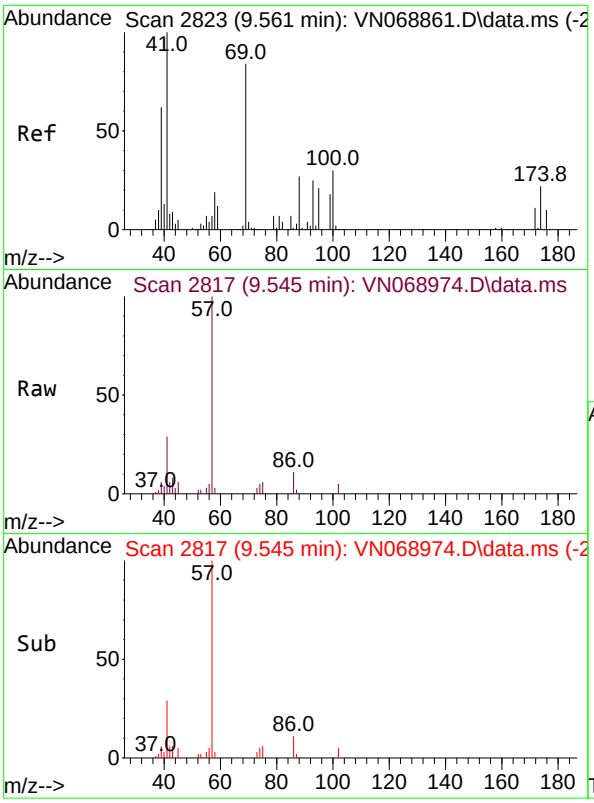
#45
1,2-Dichloropropane
Concen: 0.459 ug/l
RT: 9.622 min Scan# 2846
Delta R.T. 0.131 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 63 Resp: 1883

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#



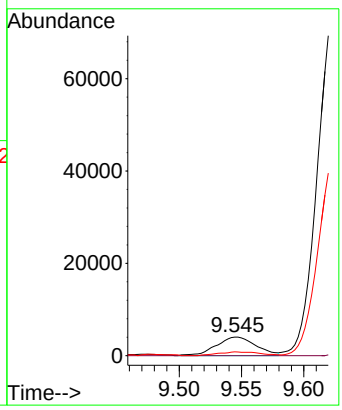
Instrument :
MSVOA_N
ClientSampleId :

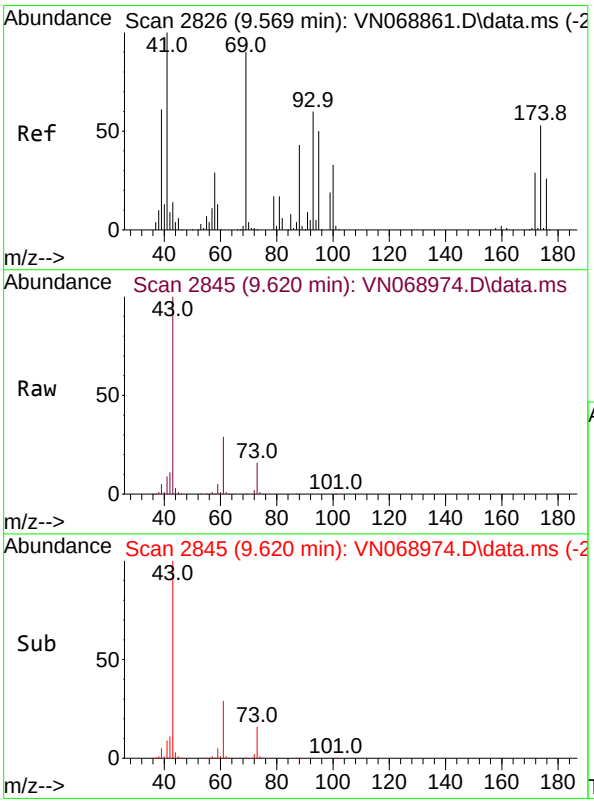


#48
Methyl methacrylate
Concen: 2.019 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.016 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 41 Resp: 8978

Ion	Ratio	Lower	Upper
41	100		
69	0.0	66.4	99.6#
39	0.0	50.2	75.2#

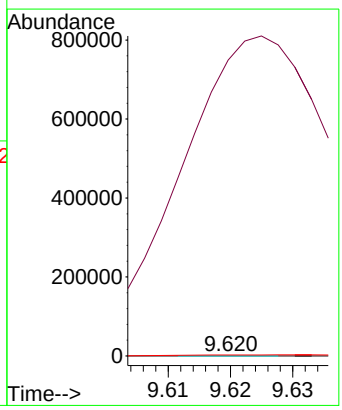




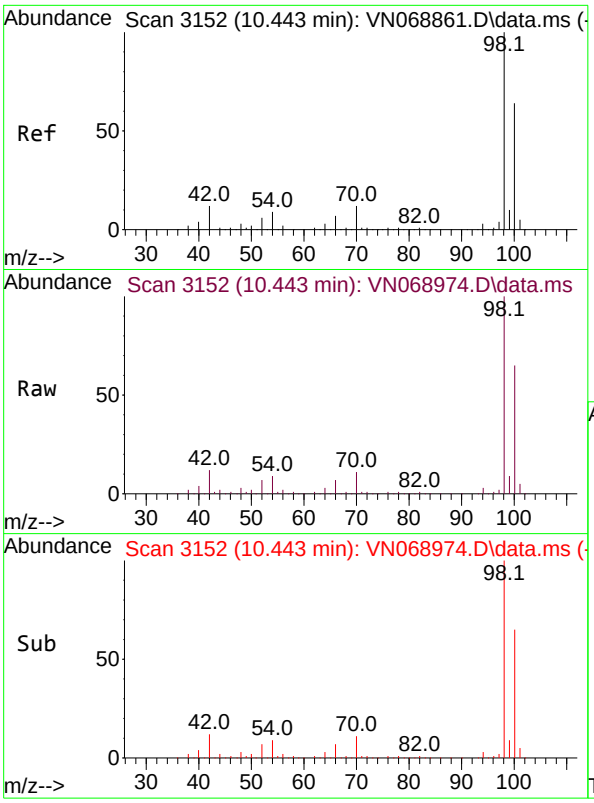
#49
1,4-Dioxane
Concen: 36.524 ug/l
RT: 9.620 min Scan# 2845
Delta R.T. 0.051 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	1954783.8	24.9	37.3#
58	7113.8	56.9	85.3#



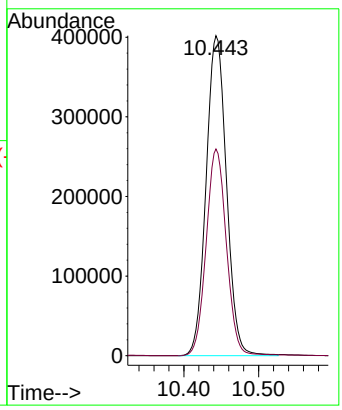
Instrument :
MSVOA_N
ClientSampleId :

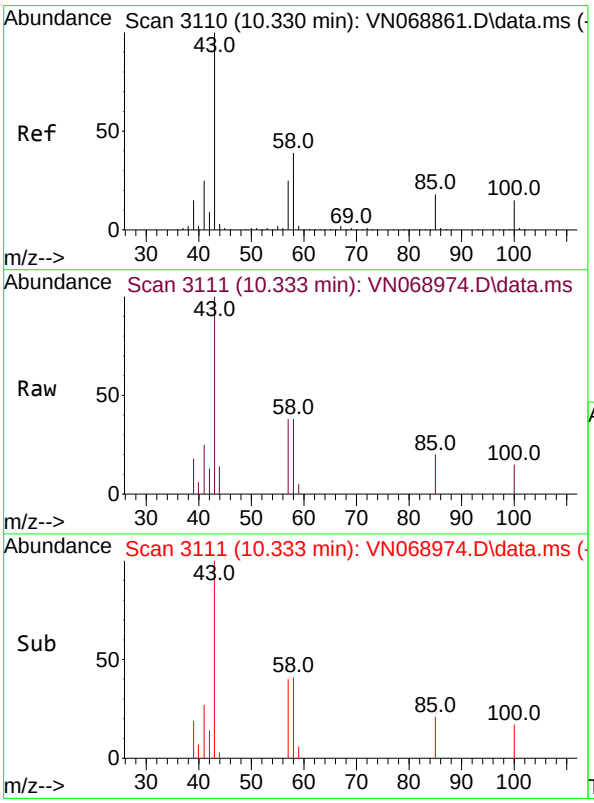


#50
Toluene-d8
Concen: 53.796 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 98 Resp: 761365

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3

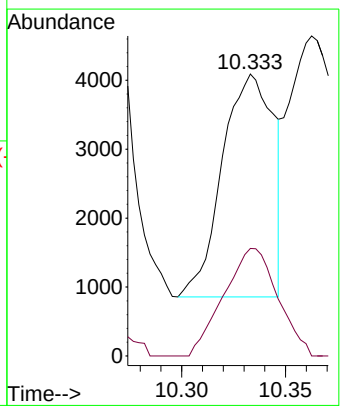




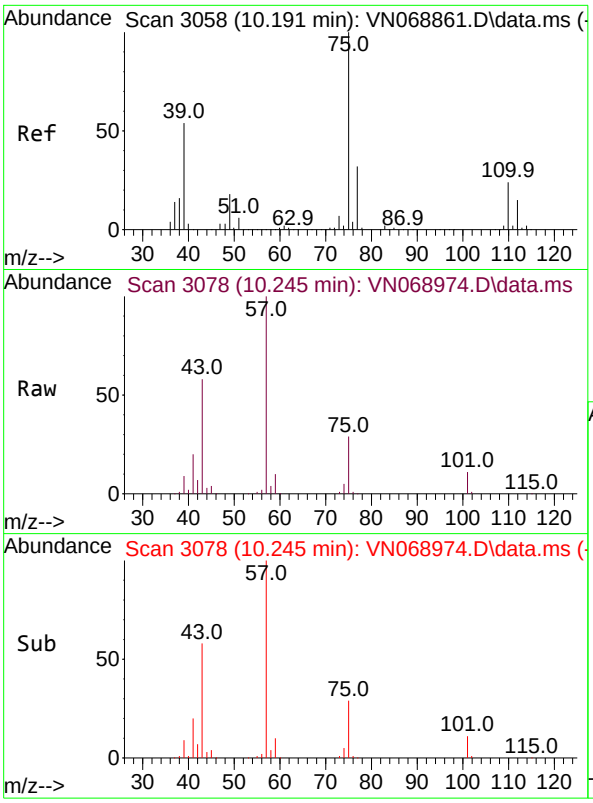
#51
4-Methyl-2-Pentanone
Concen: 1.010 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 43 Resp: 5544

Ion	Ratio	Lower	Upper
43	100		
58	50.8	31.0	46.4#



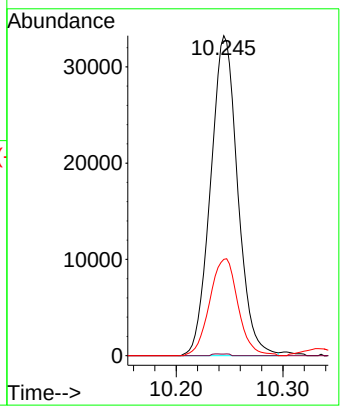
Instrument :
MSVOA_N
ClientSampleId :

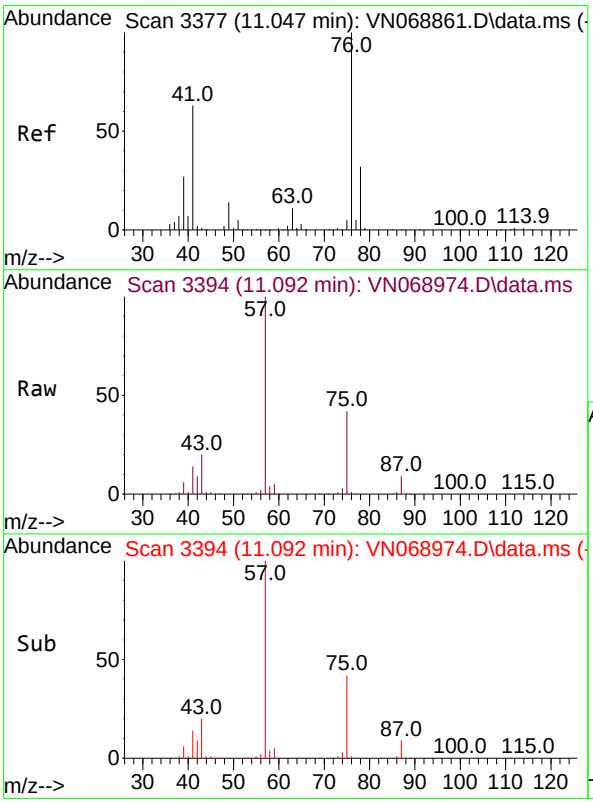


#54
cis-1,3-Dichloropropene
Concen: 8.560 ug/l
RT: 10.245 min Scan# 3078
Delta R.T. 0.054 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 75 Resp: 58558

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.6	38.4#
39	30.1	42.9	64.3#

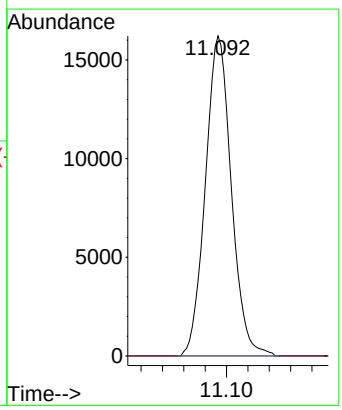




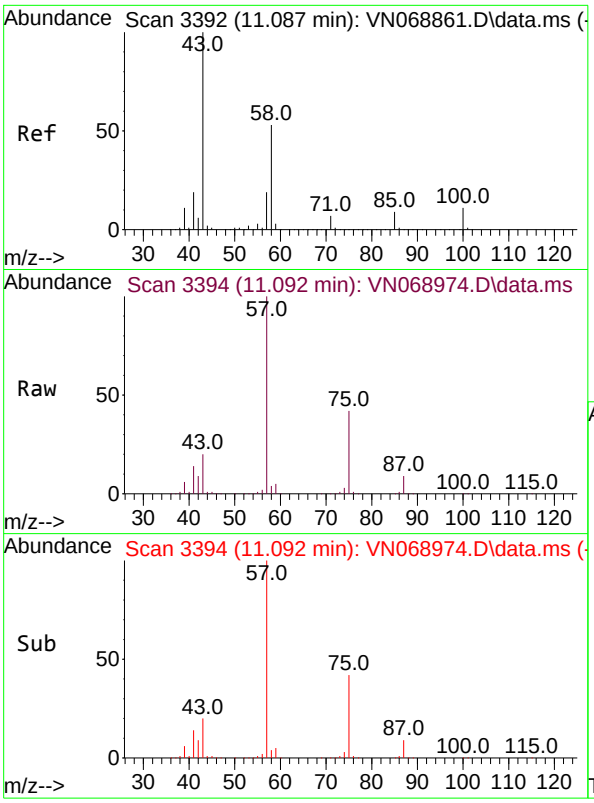
#57
1,3-Dichloropropane
Concen: 4.136 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.046 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 76 Resp: 27359

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#



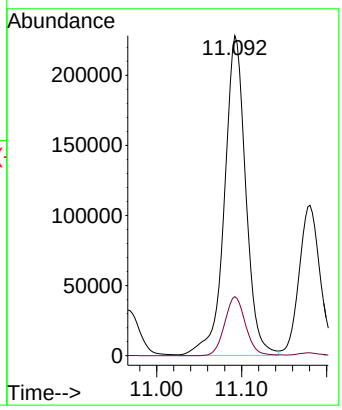
Instrument :
MSVOA_N
ClientSampleId :

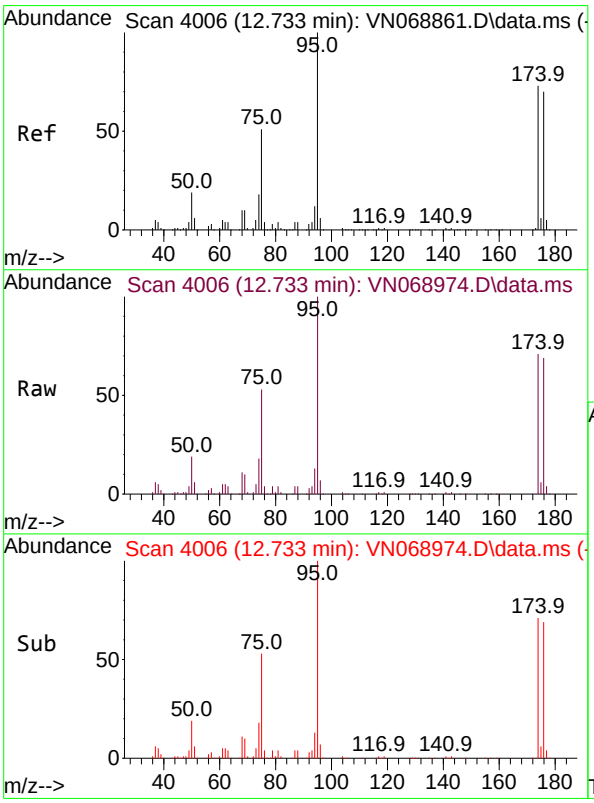


#59
2-Hexanone
Concen: 101.290 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 43 Resp: 398568

Ion	Ratio	Lower	Upper
43	100		
58	18.1	26.9	80.7#

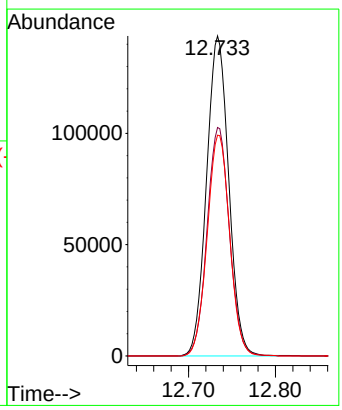


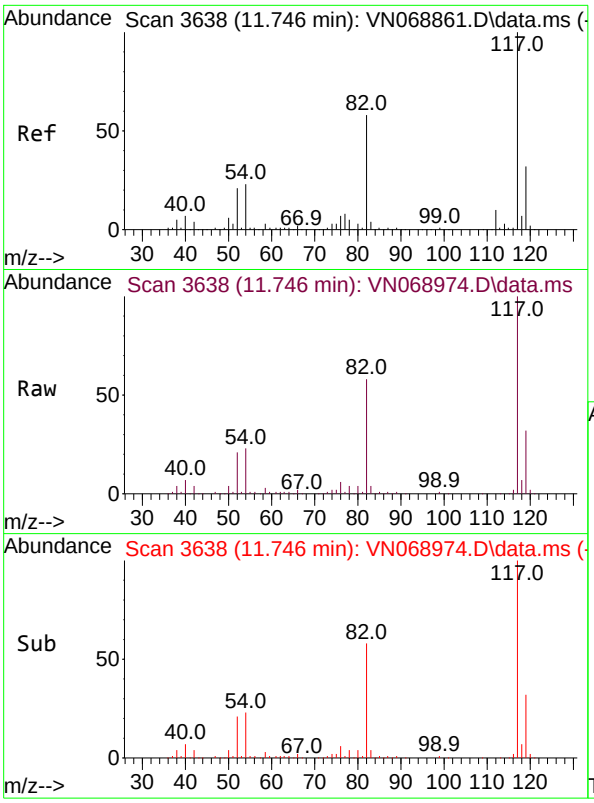


#62
4-Bromofluorobenzene
Concen: 47.733 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 95 Resp: 254884

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	144.8
176	69.9	0.0	140.0

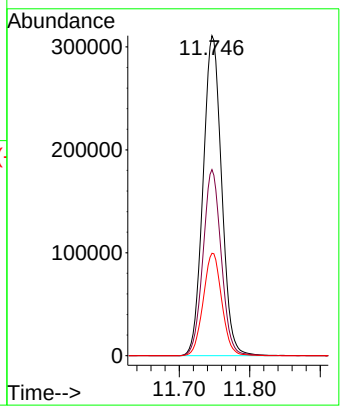




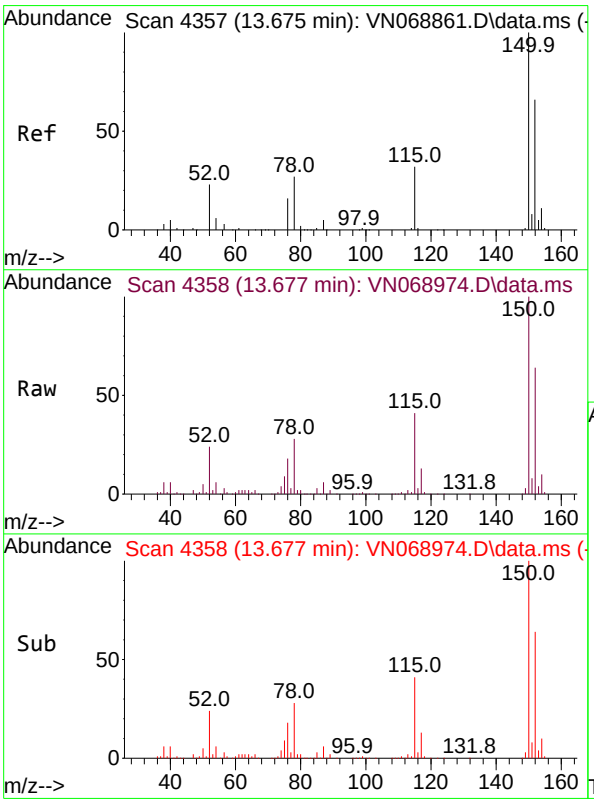
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion:117 Resp: 567554

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.4	69.6
119	32.0	26.0	39.0



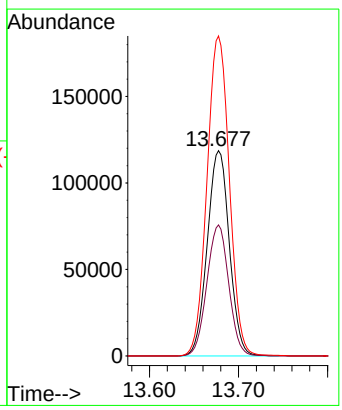
Instrument :
MSVOA_N
ClientSampleId :



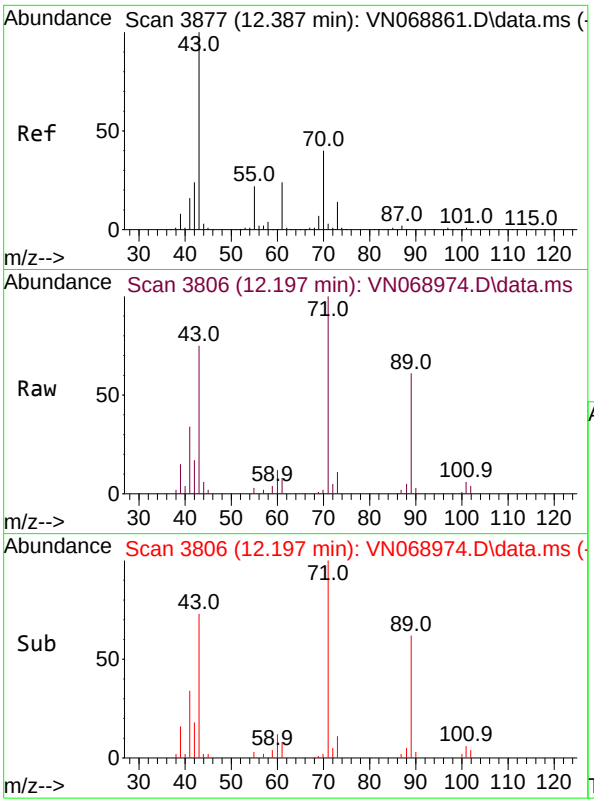
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion:152 Resp: 204537

Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.4	94.3
150	157.8	0.0	351.0



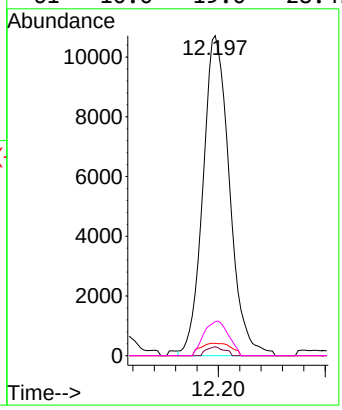
Instrument :
MSVOA_N
ClientSampleId :

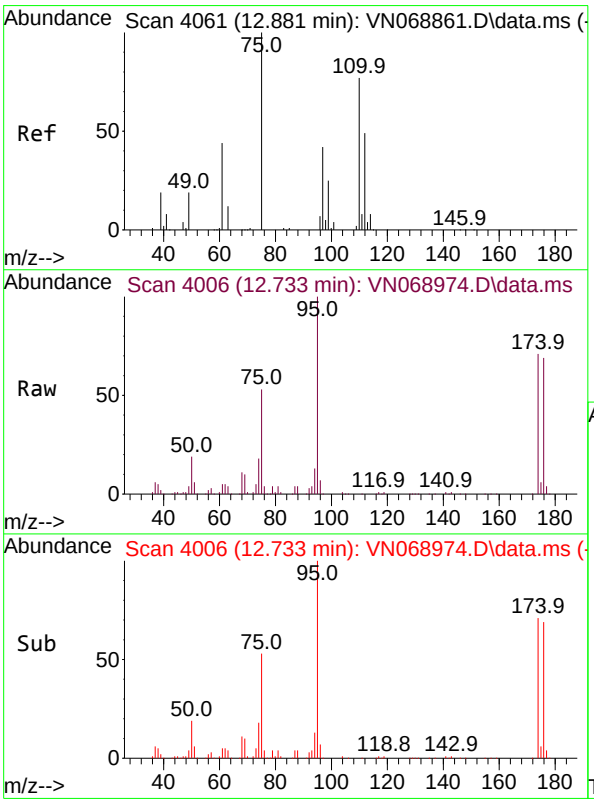


#74
N-amyl acetate
Concen: 2.869 ug/l
RT: 12.197 min Scan# 3806
Delta R.T. -0.191 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 43 Resp: 18507

Ion	Ratio	Lower	Upper
43	100		
70	1.9	32.2	48.2#
55	4.5	18.0	27.0#
61	10.0	19.0	28.4#

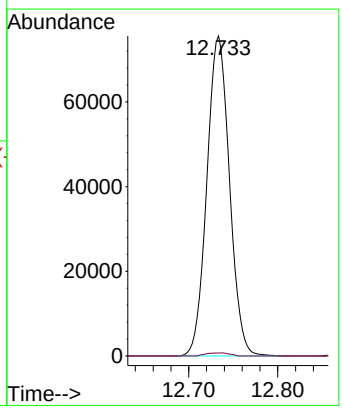




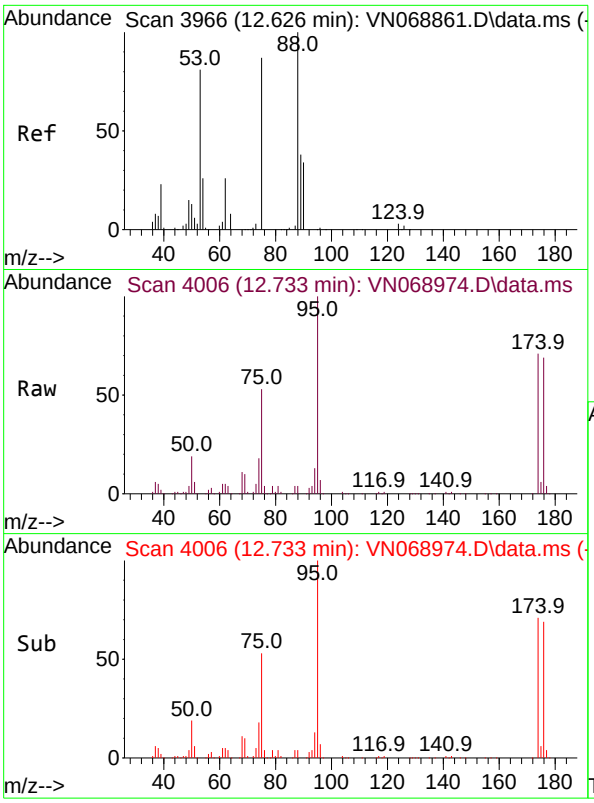
#76
1,2,3-Trichloropropane
Concen: 30.614 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 75 Resp: 133232

Ion	Ratio	Lower	Upper
75	100		
77	1.0	96.2	288.4#



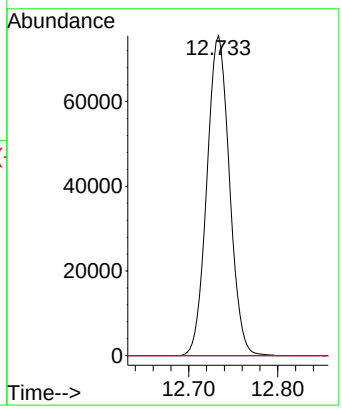
Instrument :
MSVOA_N
ClientSampleId :

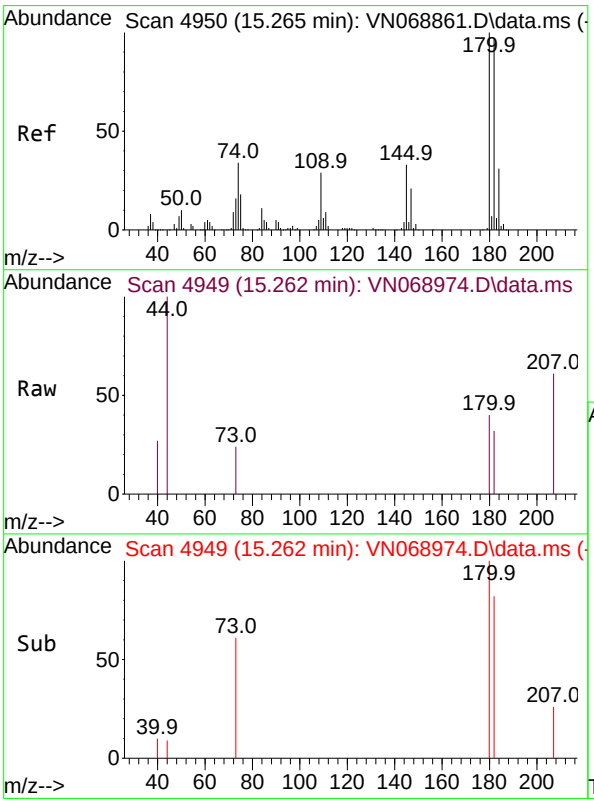


#81
trans-1,4-Dichloro-2-butene
Concen: 73.243 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion: 75 Resp: 133232

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.4	113.2#
89	0.0	36.9	55.3#

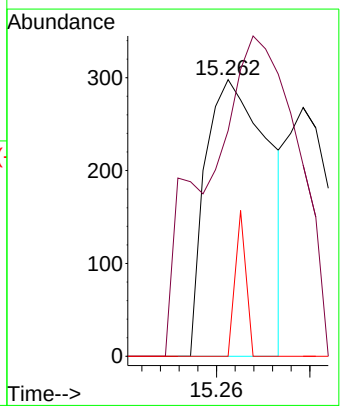




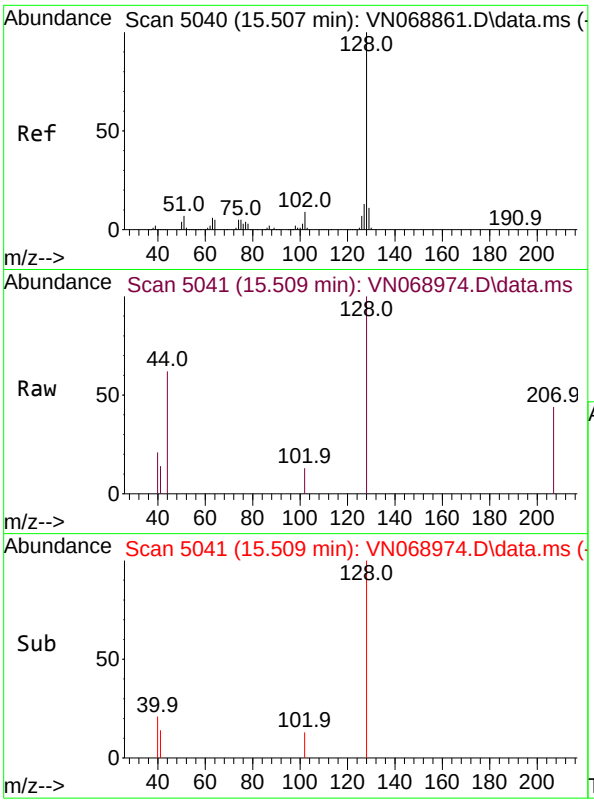
#93
1,2,4-Trichlorobenzene
Concen: 2.679 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion:180 Resp: 282

Ion	Ratio	Lower	Upper
180	100		
182	165.6	47.9	143.7#
145	8.9	16.4	49.2#



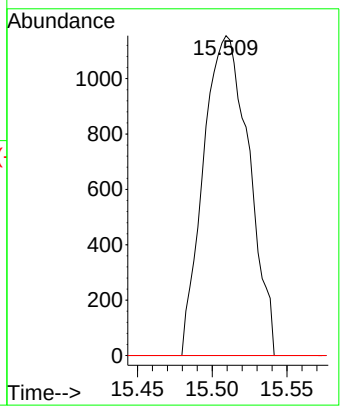
Instrument :
MSVOA_N
ClientSampleId :

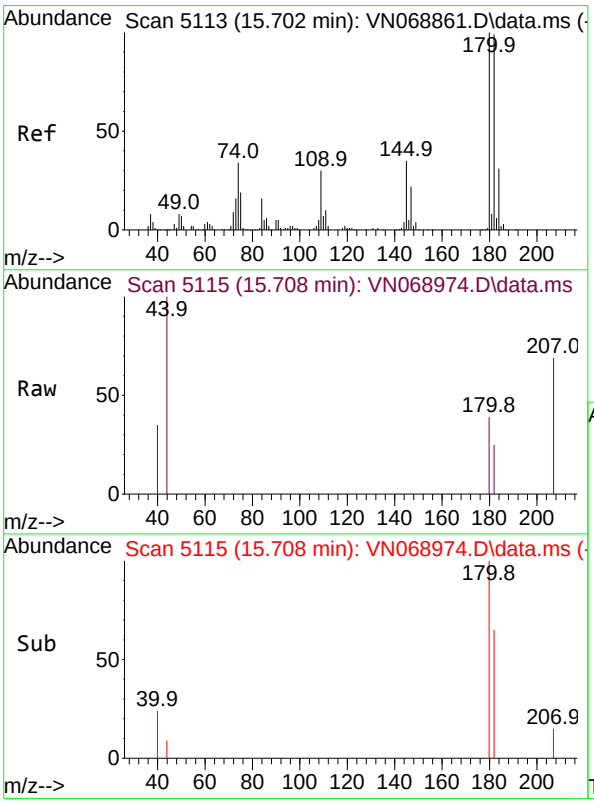


#95
Naphthalene
Concen: 4.050 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

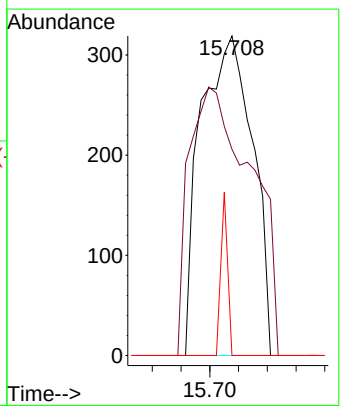
Tgt Ion:128 Resp: 2450

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.9	13.3#





#96
1,2,3-Trichlorobenzene
Concen: 2.630 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.006 min
Lab File: VN068974.D
Acq: 18 Oct 2021 13:03

Tgt Ion:180 Resp: 400

Ion	Ratio	Lower	Upper
180	100		
182	101.0	48.1	144.3
145	6.5	17.4	52.2#