Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
Data File : VN082868.D
Acq On : 11 Jul 2024 11:54
Operator : JC\MD
Sample : VN0711WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 12 01:04:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	145091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	246093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107428	52.819	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.640%			
35) Dibromofluoromethane	8.171	113	80381	50.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	10.565	98	297043	50.930	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.860%			
62) 4-Bromofluorobenzene	12.847	95	102863	49.098	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	33829	18.009	ug/l	97
3) Chloromethane	2.359	50	29920	16.796	ug/l	96
4) Vinyl Chloride	2.518	62	32008	17.108	ug/l	99
5) Bromomethane	2.959	94	23083	17.112	ug/l	84
6) Chloroethane	3.124	64	21928	17.127	ug/l	92
7) Trichlorofluoromethane	3.495	101	51671	19.202	ug/l	92
8) Diethyl Ether	3.965	74	17543	19.049	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	29078	19.093	ug/l	98
10) Methyl Iodide	4.595	142	29654	18.992	ug/l #	95
11) Tert butyl alcohol	5.530	59	31615	92.418	ug/l	100
12) 1,1-Dichloroethene	4.336	96	26591	17.953	ug/l	83
13) Acrolein	4.177	56	21244	86.016	ug/l	100
14) Allyl chloride	5.024	41	43794	18.963	ug/l	92
15) Acrylonitrile	5.724	53	70921	90.211	ug/l	99
16) Acetone	4.430	43	61583	86.001	ug/l	96
17) Carbon Disulfide	4.718	76	72073	16.284	ug/l	99
18) Methyl Acetate	5.024	43	35544	18.759	ug/l	91
19) Methyl tert-butyl Ether	5.795	73	97123	19.009	ug/l	98
20) Methylene Chloride	5.277	84	30614	17.703	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	27687	17.252	ug/l #	81
22) Diisopropyl ether	6.671	45	92992	19.247	ug/l #	94
23) Vinyl Acetate	6.606	43	365504	95.262	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	54571	18.621	ug/l	96
25) 2-Butanone	7.489	43	97942	90.583	ug/l #	90
26) 2,2-Dichloropropane	7.494	77	48741	17.888	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	33949	18.069	ug/l	92
28) Bromochloromethane	7.812	49	24391	19.401	ug/l #	81
29) Tetrahydrofuran	7.841	42	63217	92.871	ug/l #	85
30) Chloroform	7.965	83	59301	19.074	ug/l	97
31) Cyclohexane	8.259	56	45085	16.955	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	53689	18.599	ug/l	92
36) 1,1-Dichloropropene	8.377	75	39891	18.322	ug/l	98
37) Ethyl Acetate	7.559	43	41170	18.574	ug/l #	95
38) Carbon Tetrachloride	8.365	117	46595	17.775	ug/l	99
39) Methylcyclohexane	9.600	83	38833	16.512	ug/l	92
40) Benzene	8.606	78	122409	18.278	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
Data File : VN082868.D
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Sample : VN0711WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 12 01:04:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	20944	17.539	ug/l	#	87
42) 1,2-Dichloroethane	8.671	62	44716	18.547	ug/l		95
43) Isopropyl Acetate	8.688	43	73568	15.558	ug/l	#	92
44) Trichloroethene	9.359	130	30502	17.777	ug/l		89
45) 1,2-Dichloropropane	9.624	63	30259	19.353	ug/l		95
46) Dibromomethane	9.712	93	23094	18.960	ug/l		97
47) Bromodichloromethane	9.888	83	47537	18.888	ug/l		96
48) Methyl methacrylate	9.682	41	33368	19.199	ug/l		90
49) 1,4-Dioxane	9.700	88	13710	357.492	ug/l		94
51) 4-Methyl-2-Pentanone	10.447	43	207975	94.643	ug/l		94
52) Toluene	10.630	92	79002	18.884	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	49168	18.964	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	50949	18.565	ug/l		92
55) 1,1,2-Trichloroethane	11.018	97	30063	19.542	ug/l		98
56) Ethyl methacrylate	10.877	69	46295	19.343	ug/l		87
57) 1,3-Dichloropropane	11.165	76	52599	19.316	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	132509	107.898	ug/l		94
59) 2-Hexanone	11.194	43	154637	94.650	ug/l		92
60) Dibromochloromethane	11.359	129	37142	18.956	ug/l		99
61) 1,2-Dibromoethane	11.471	107	31515	19.291	ug/l		100
64) Tetrachloroethene	11.106	164	29746	17.938	ug/l		99
65) Chlorobenzene	11.894	112	85682	17.990	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	30578	18.049	ug/l		97
67) Ethyl Benzene	11.965	91	143644	17.945	ug/l		98
68) m/p-Xylenes	12.071	106	110853	36.680	ug/l		98
69) o-Xylene	12.400	106	52549	18.147	ug/l		97
70) Styrene	12.412	104	89307	18.665	ug/l		98
71) Bromoform	12.582	173	24804	18.617	ug/l	#	99
73) Isopropylbenzene	12.694	105	135030	18.414	ug/l		100
74) N-amyl acetate	12.494	43	57205	18.860	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	41128	18.727	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	57366	32.972	ug/l		41
77) Bromobenzene	12.982	156	34683	18.334	ug/l		93
78) n-propylbenzene	13.035	91	153384	18.192	ug/l		99
79) 2-Chlorotoluene	13.123	91	97725	18.191	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	110012	18.560	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	15827	17.891	ug/l		95
82) 4-Chlorotoluene	13.223	91	97323	18.303	ug/l		99
83) tert-Butylbenzene	13.441	119	94293	17.944	ug/l		96
84) 1,2,4-Trimethylbenzene	13.482	105	112175	18.568	ug/l		96
85) sec-Butylbenzene	13.618	105	126026	17.747	ug/l		98
86) p-Isopropyltoluene	13.729	119	107895	18.211	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	60150	17.601	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	61338	17.355	ug/l		98
89) n-Butylbenzene	14.059	91	88484	17.432	ug/l		99
90) Hexachloroethane	14.335	117	20436	16.301	ug/l		95
91) 1,2-Dichlorobenzene	14.106	146	59821	18.029	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8726	17.174	ug/l		94
93) 1,2,4-Trichlorobenzene	15.394	180	32080	17.949	ug/l		99
94) Hexachlorobutadiene	15.506	225	13396	16.907	ug/l		97
95) Naphthalene	15.641	128	109099	17.822	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	31472	17.126	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
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Sample : VN0711WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 12 01:04:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
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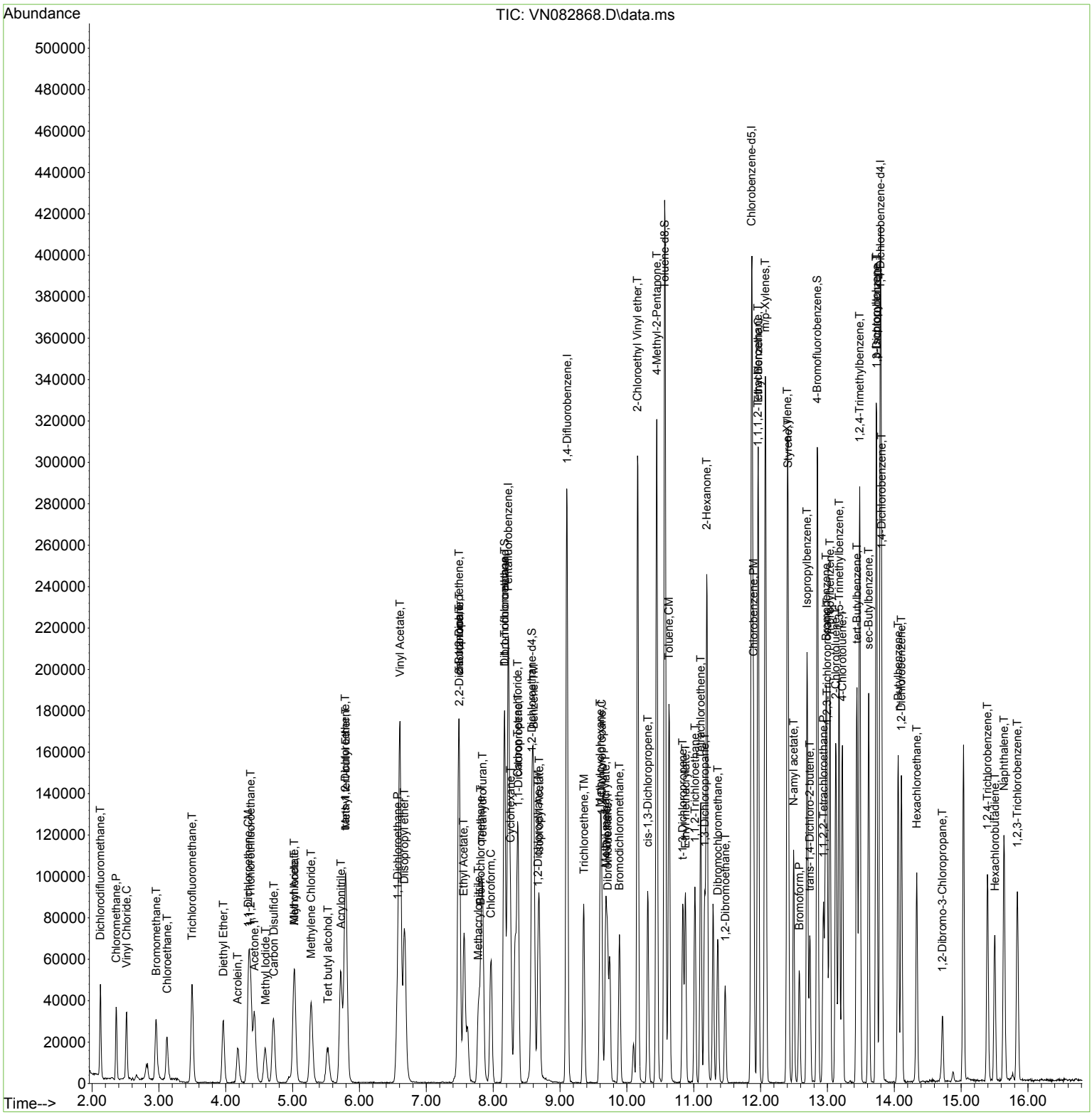
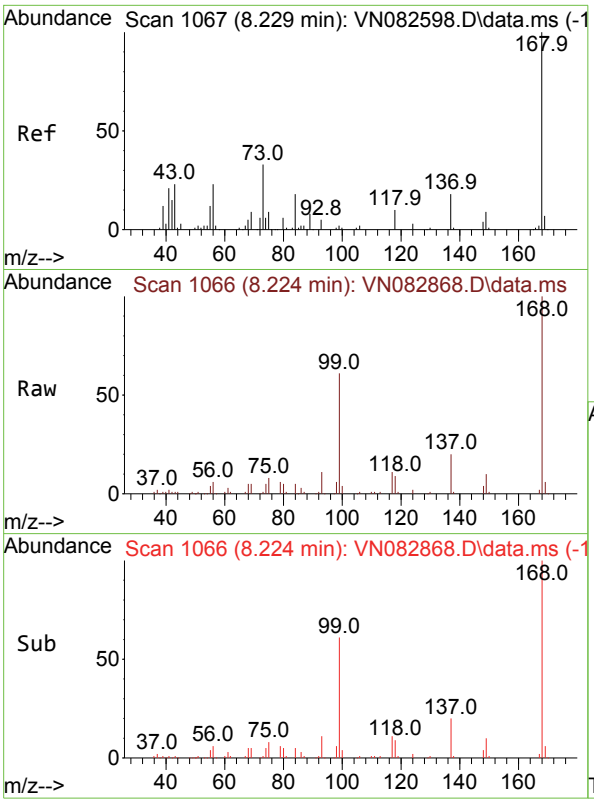
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



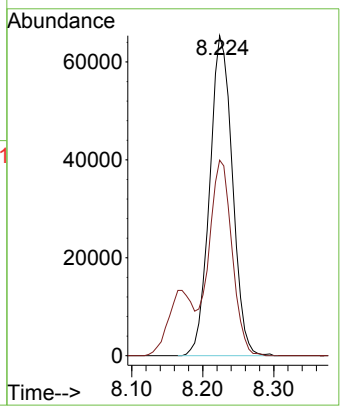


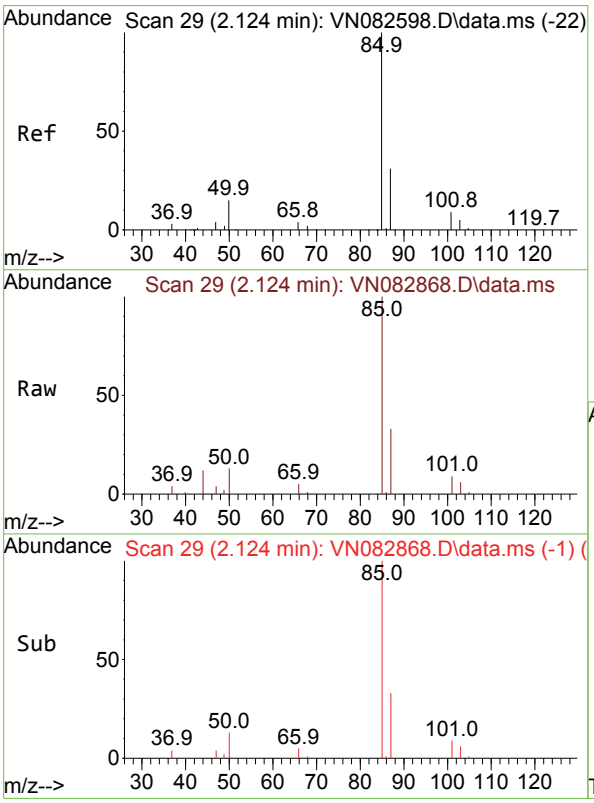
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 145091

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.2	72.4

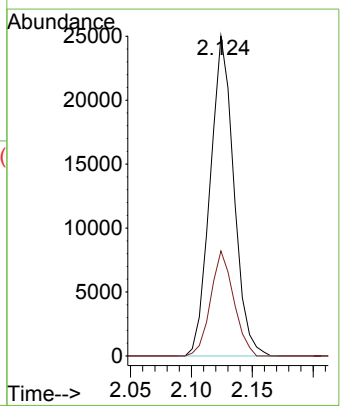


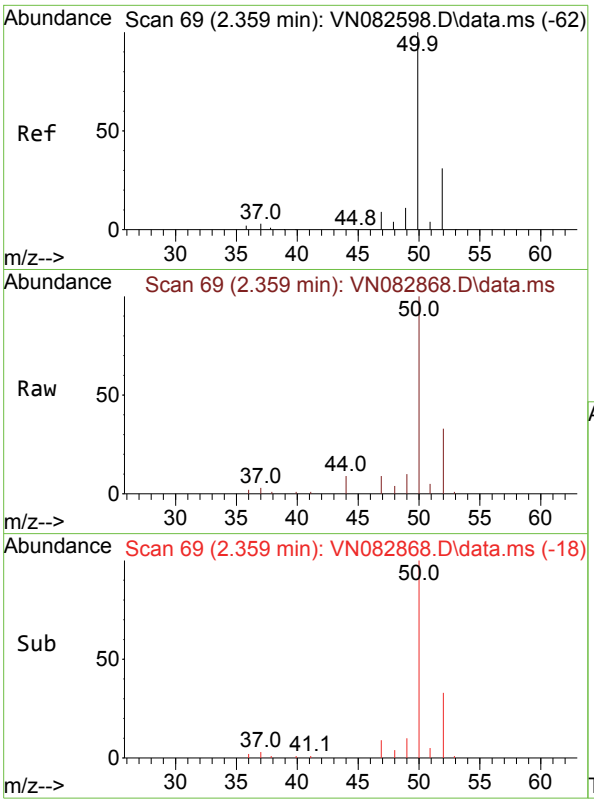


#2
Dichlorodifluoromethane
Concen: 18.009 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 85 Resp: 33829

Ion	Ratio	Lower	Upper
85	100		
87	32.8	15.7	47.0



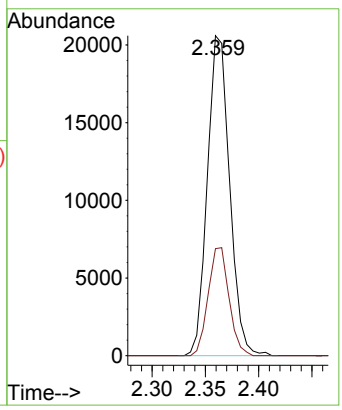


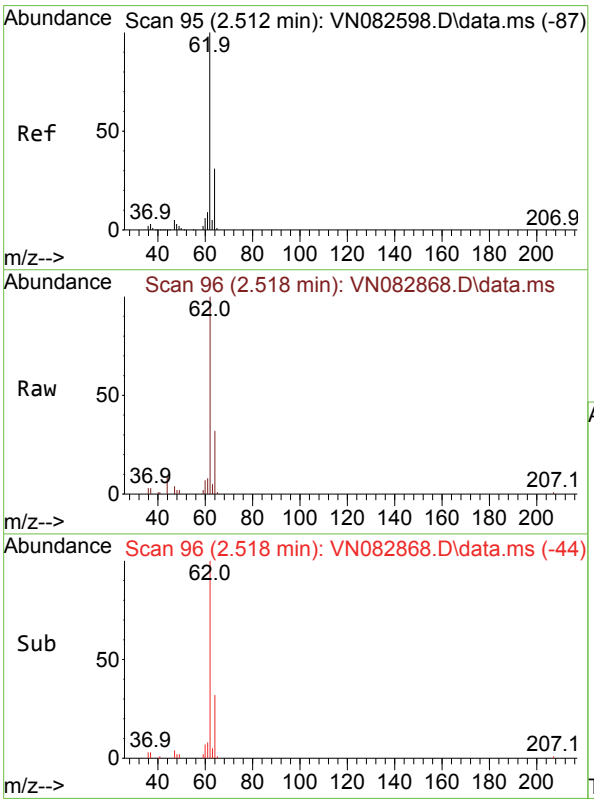
#3
Chloromethane
Concen: 16.796 ug/l
RT: 2.359 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 50 Resp: 29920

Ion	Ratio	Lower	Upper
50	100		
52	33.5	25.0	37.4

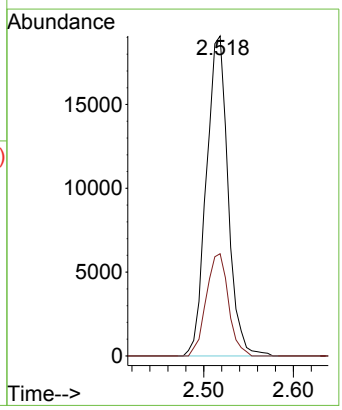


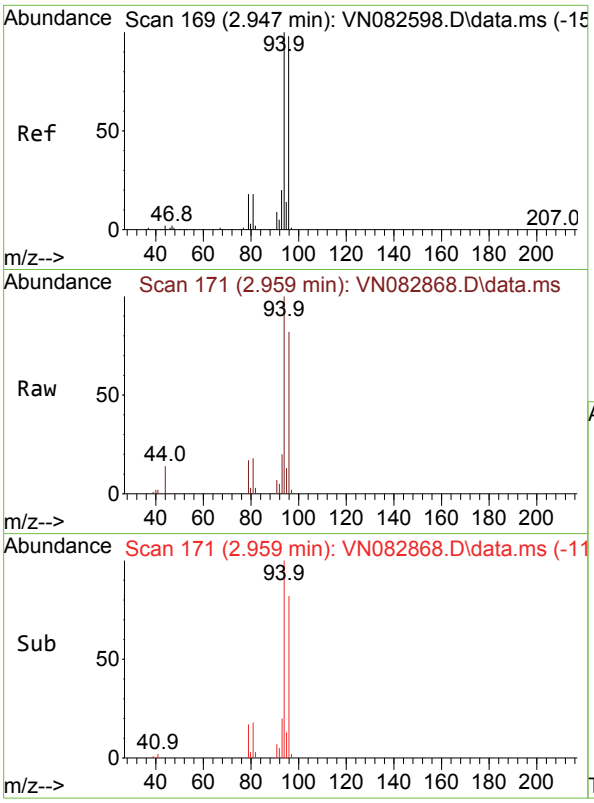


#4
Vinyl Chloride
Concen: 17.108 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 62 Resp: 32008

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.0	37.6



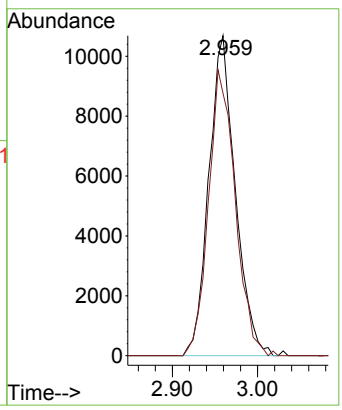


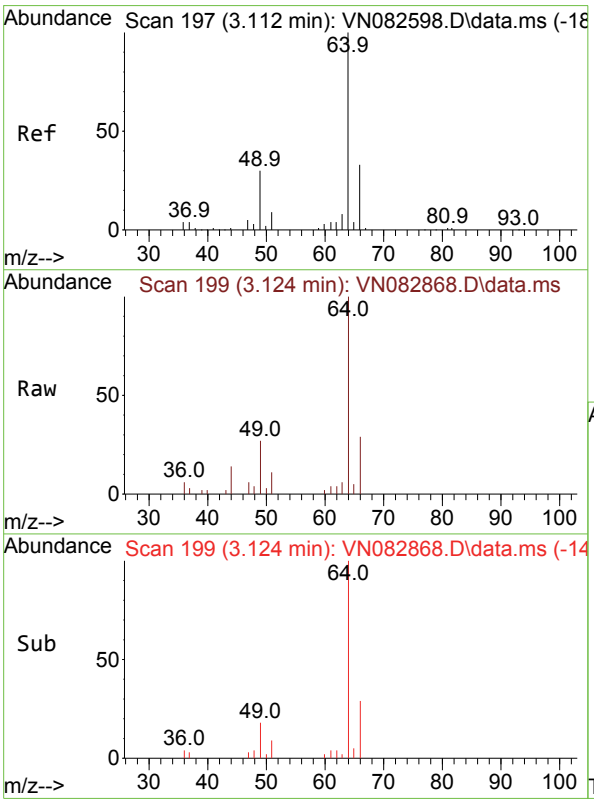
#5
Bromomethane
Concen: 17.112 ug/l
RT: 2.959 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 23083

Ion	Ratio	Lower	Upper
94	100		
96	82.0	78.0	117.0

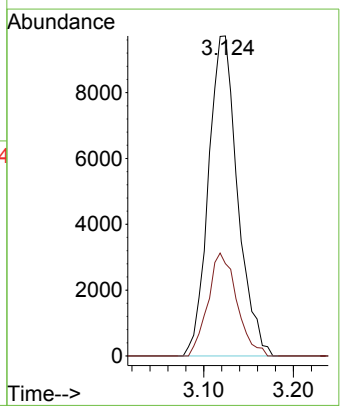


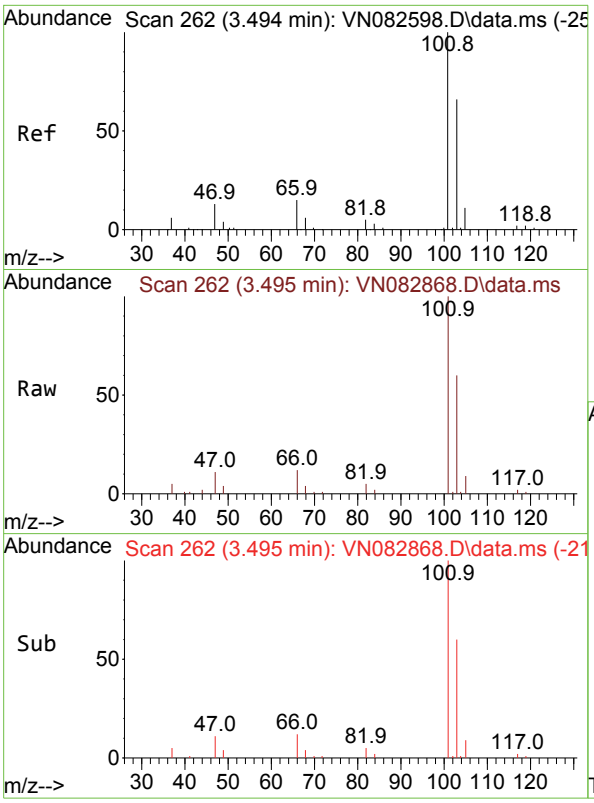


#6
Chloroethane
Concen: 17.127 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 64 Resp: 21928

Ion	Ratio	Lower	Upper
64	100		
66	28.8	26.6	40.0



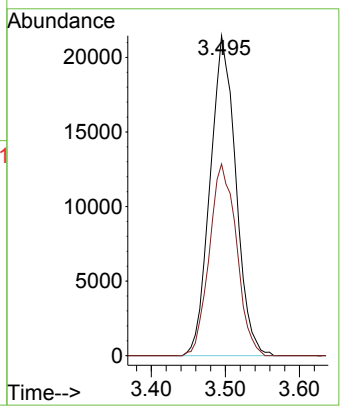


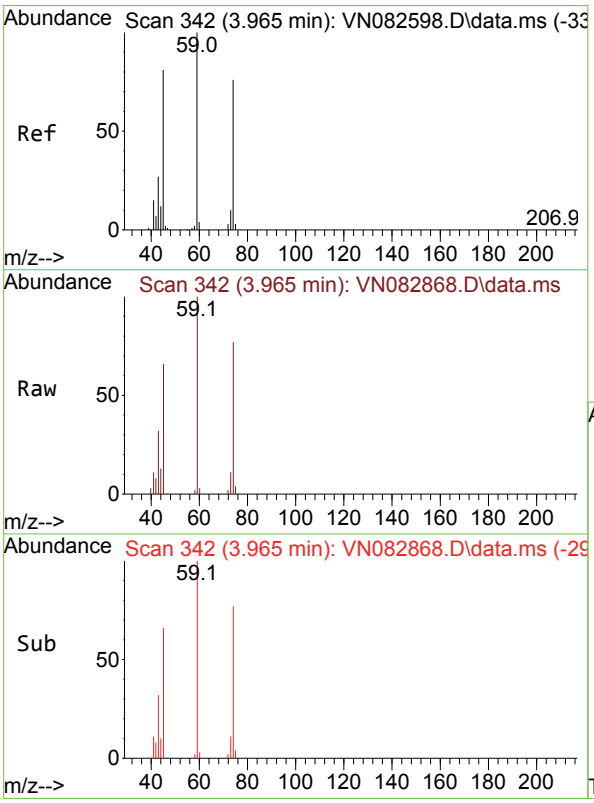
#7
Trichlorofluoromethane
Concen: 19.202 ug/l
RT: 3.495 min Scan# 2
Delta R.T. 0.001 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 51671

Ion	Ratio	Lower	Upper
101	100		
103	59.9	52.7	79.1

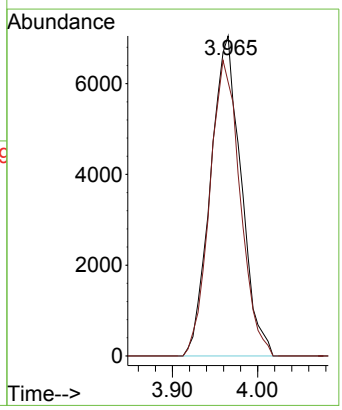


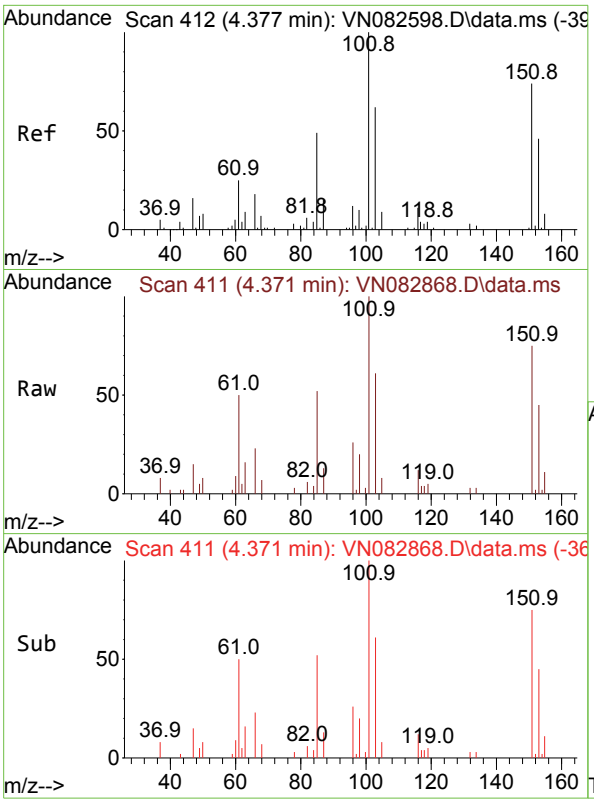


#8
Diethyl Ether
Concen: 19.049 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 74 Resp: 17543

Ion	Ratio	Lower	Upper
74	100		
45	92.3	55.5	166.3



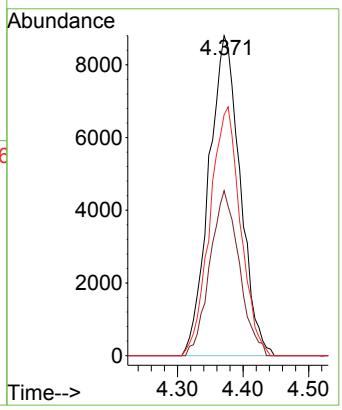


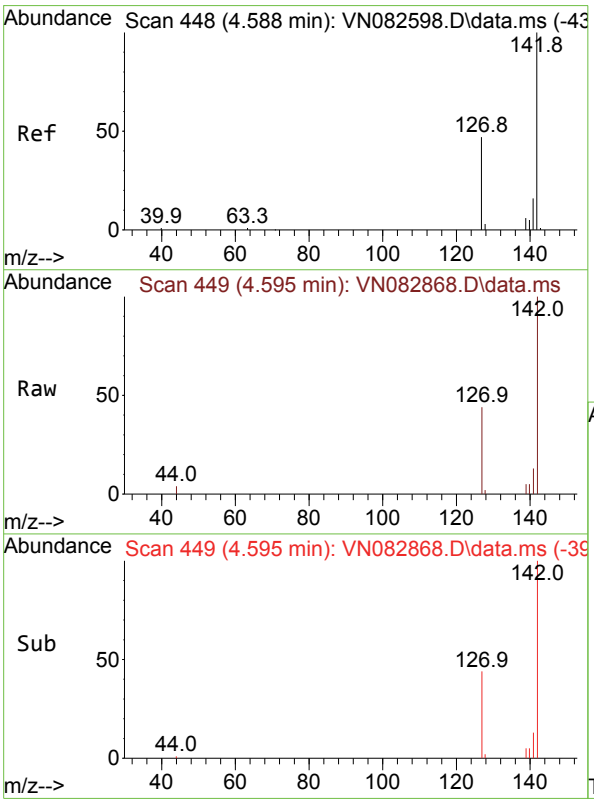
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.093 ug/l
RT: 4.371 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 29078

Ion	Ratio	Lower	Upper
101	100		
85	48.4	38.3	57.5
151	76.1	59.3	88.9

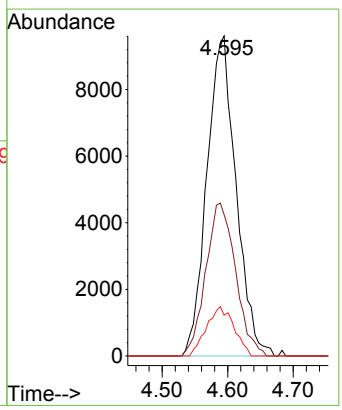


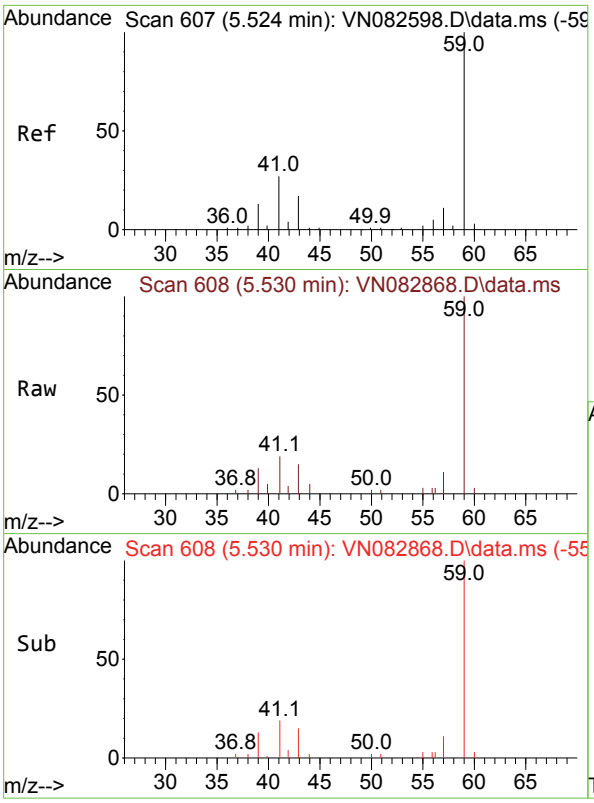


#10
Methyl Iodide
Concen: 18.992 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.007 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:142 Resp: 29654

Ion	Ratio	Lower	Upper
142	100		
127	44.1	37.5	56.3
141	12.8	13.1	19.7#



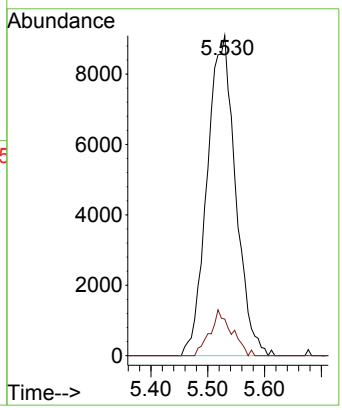


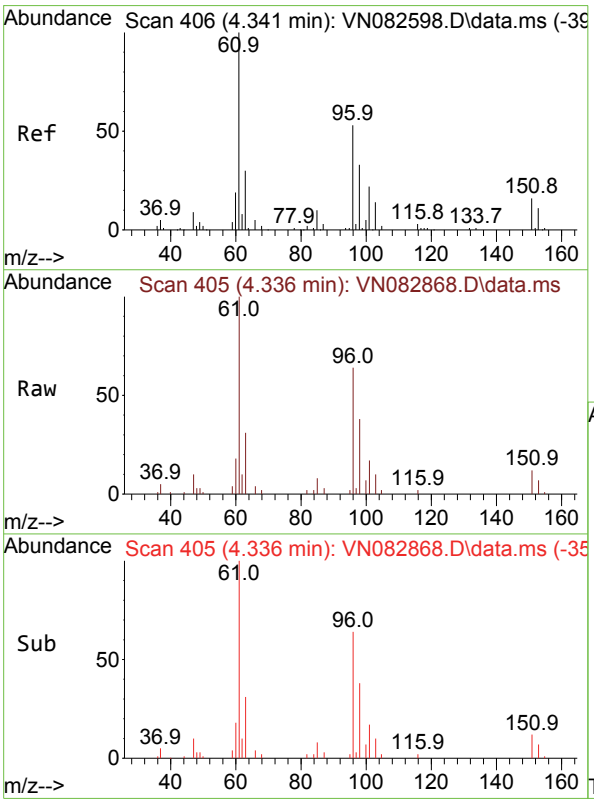
#11
Tert butyl alcohol
Concen: 92.418 ug/l
RT: 5.530 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 31615

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.9	13.3

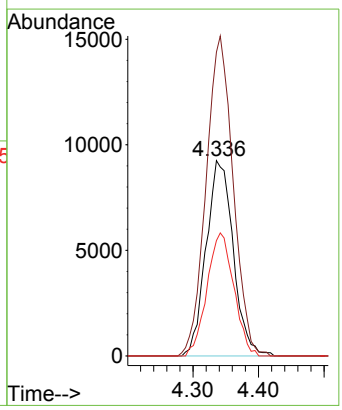


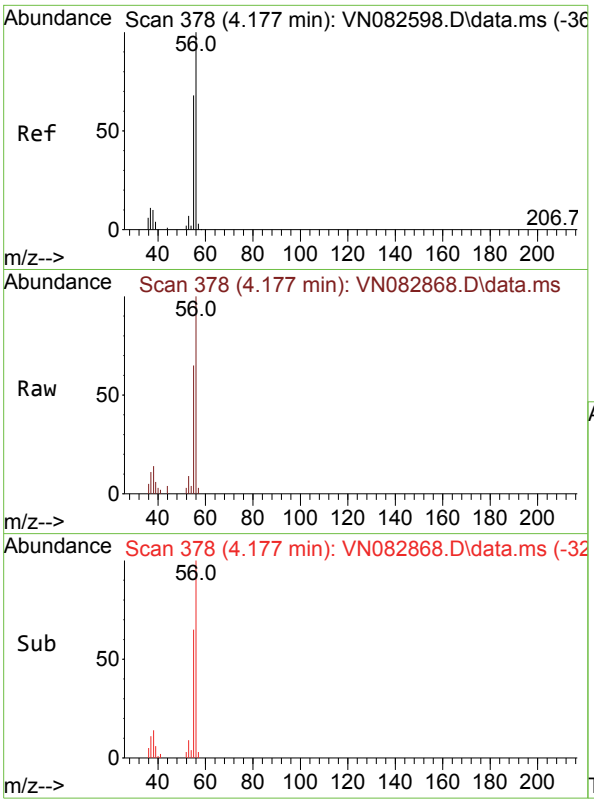


#12
1,1-Dichloroethene
Concen: 17.953 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 96 Resp: 26591

Ion	Ratio	Lower	Upper
96	100		
61	155.5	149.7	224.5
98	59.0	50.1	75.1



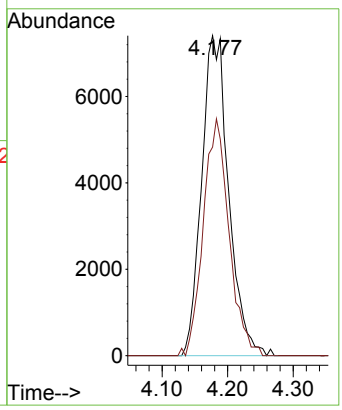


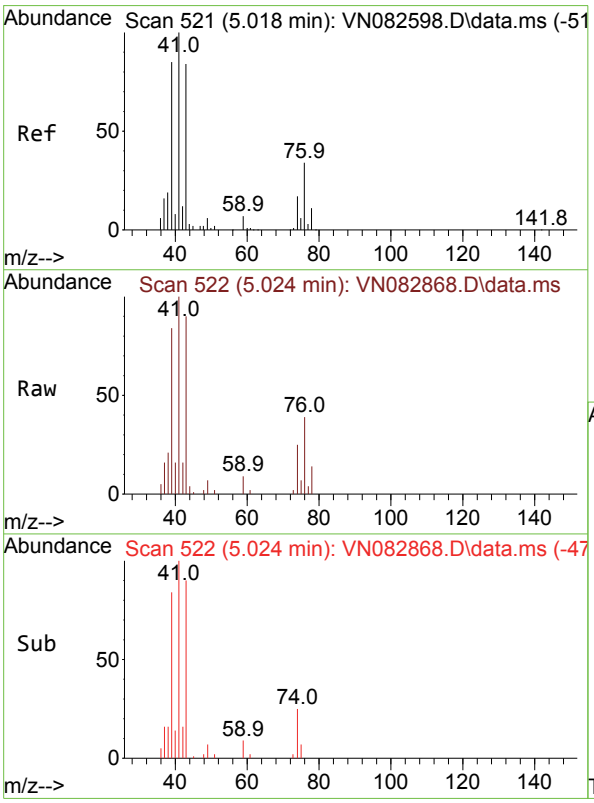
#13
Acrolein
Concen: 86.016 ug/l
RT: 4.177 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 21244

Ion	Ratio	Lower	Upper
56	100		
55	70.4	56.4	84.6

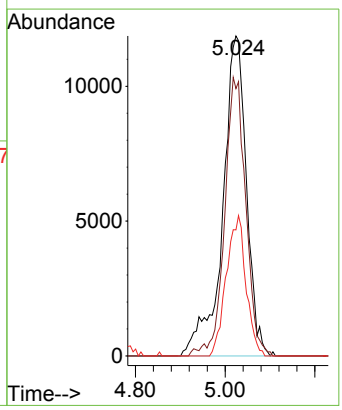


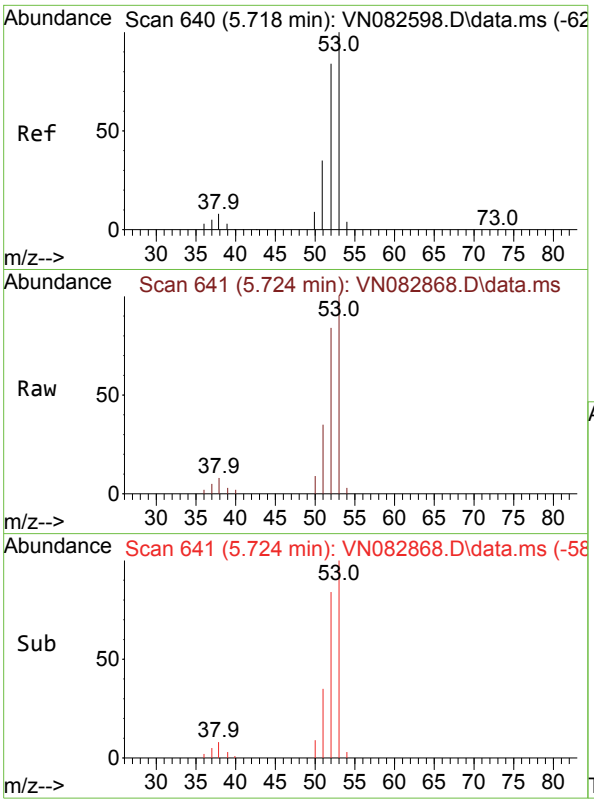


#14
Allyl chloride
Concen: 18.963 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 41 Resp: 43794

Ion	Ratio	Lower	Upper
41	100		
39	77.1	67.8	101.6
76	36.2	25.8	38.8



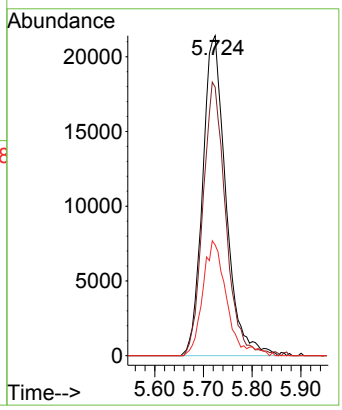


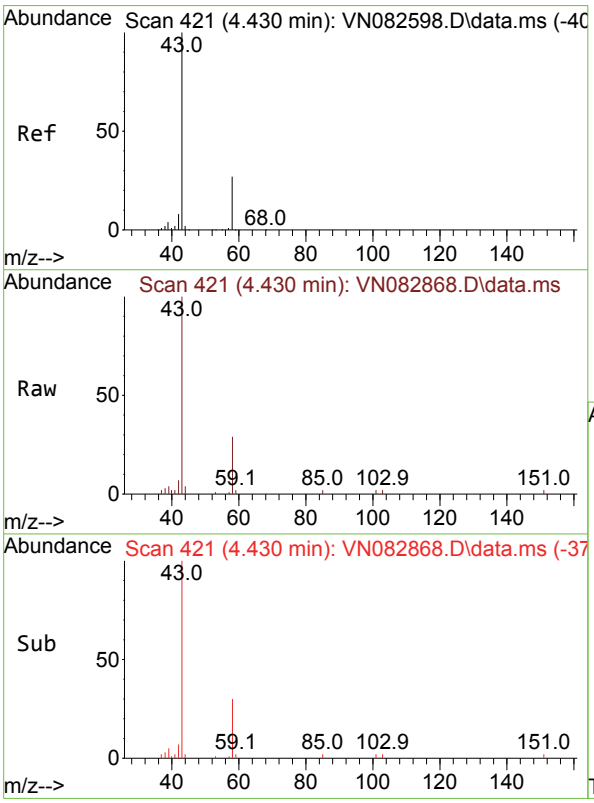
#15
Acrylonitrile
Concen: 90.211 ug/l
RT: 5.724 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 53 Resp: 70921

Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.6	100.0
51	36.9	30.1	45.1

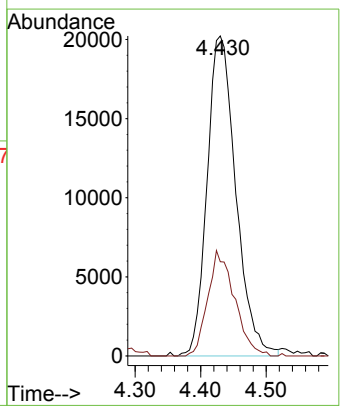


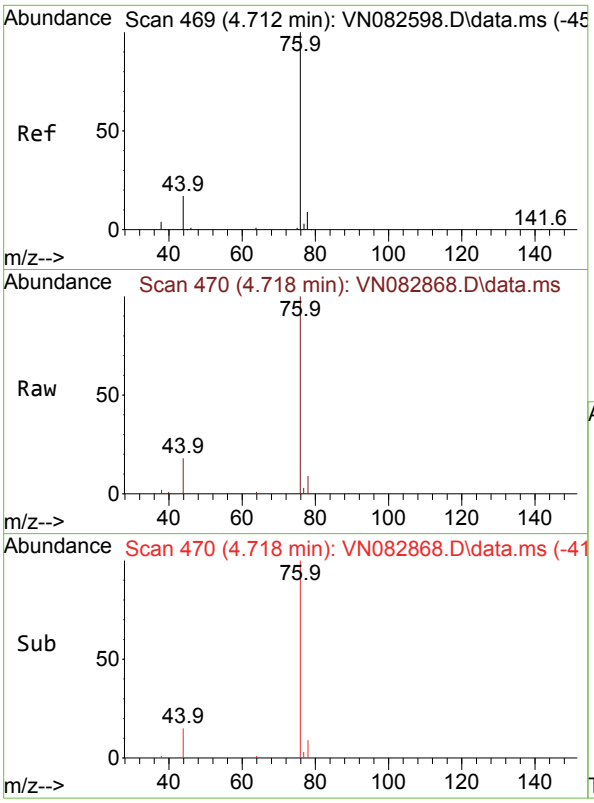


#16
Acetone
Concen: 86.001 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 43 Resp: 61583

Ion	Ratio	Lower	Upper
43	100		
58	29.4	21.8	32.6



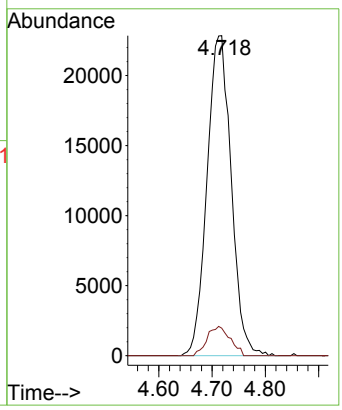


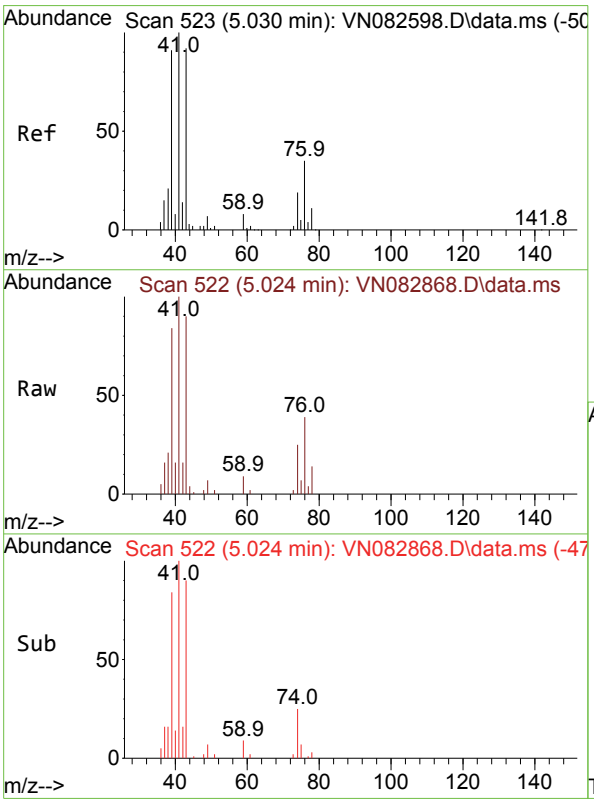
#17
Carbon Disulfide
Concen: 16.284 ug/l
RT: 4.718 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 72073

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

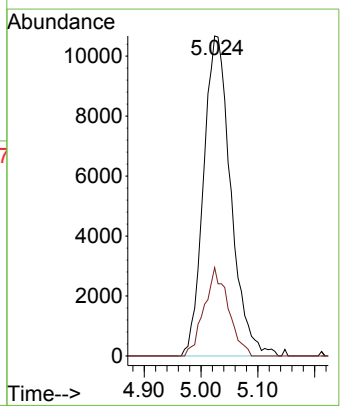


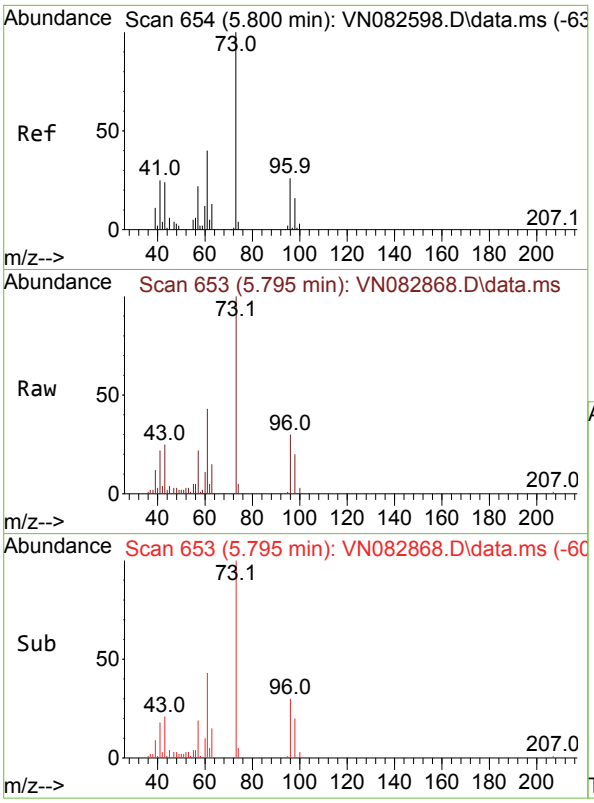


#18
Methyl Acetate
Concen: 18.759 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 43 Resp: 35544

Ion	Ratio	Lower	Upper
43	100		
74	24.5	16.3	24.5



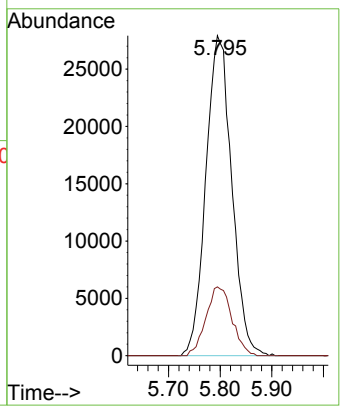


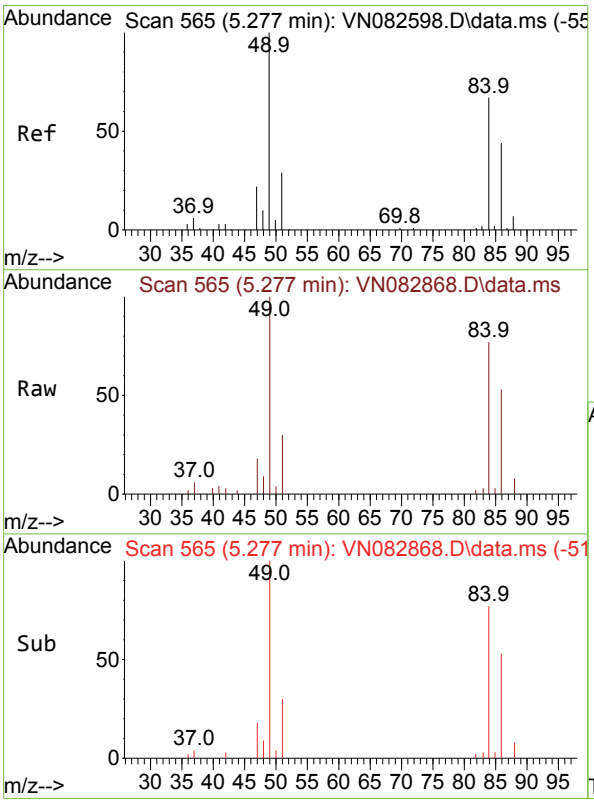
#19
Methyl tert-butyl Ether
Concen: 19.009 ug/l
RT: 5.795 min Scan# 6
Delta R.T. -0.005 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 73 Resp: 97123

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.9	26.9

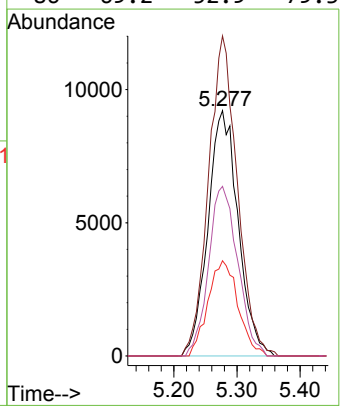


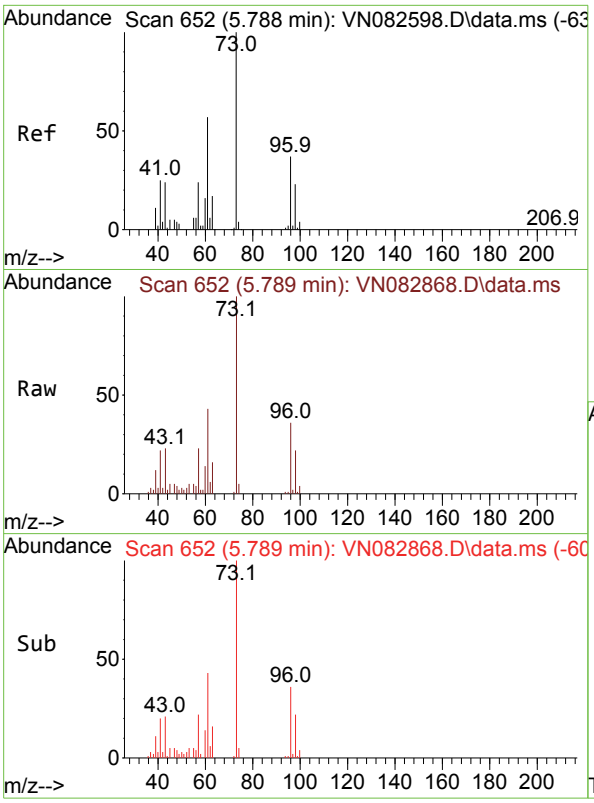


#20
Methylene Chloride
Concen: 17.703 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 84 Resp: 30614

Ion	Ratio	Lower	Upper
84	100		
49	130.5	119.6	179.4
51	38.8	34.8	52.2
86	69.2	52.9	79.3



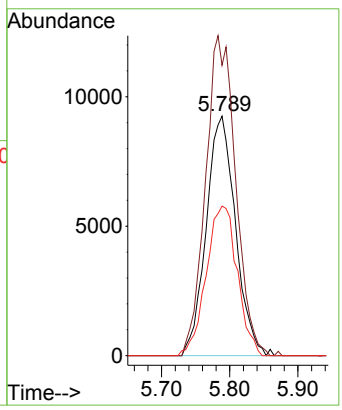


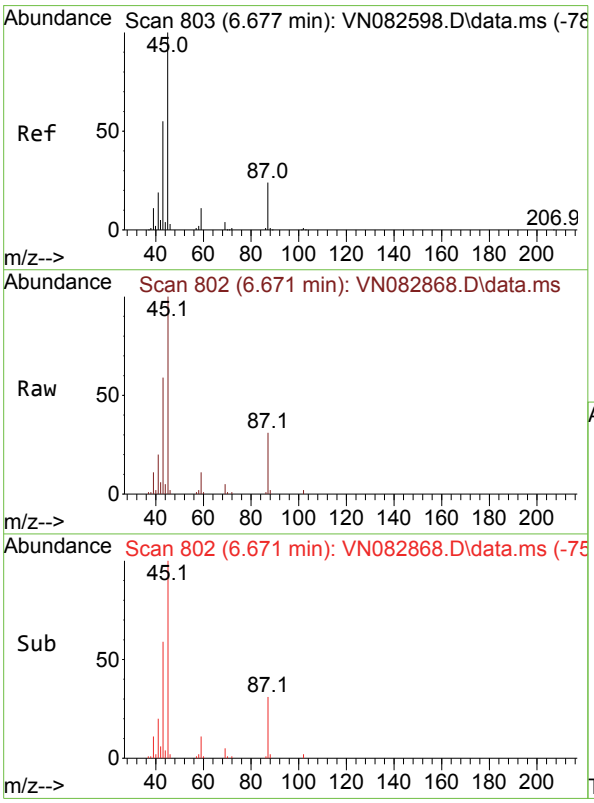
#21
trans-1,2-Dichloroethene
Concen: 17.252 ug/l
RT: 5.789 min Scan# 6
Delta R.T. 0.001 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 27687

Ion	Ratio	Lower	Upper
96	100		
61	121.2	123.4	185.2#
98	62.4	49.3	73.9

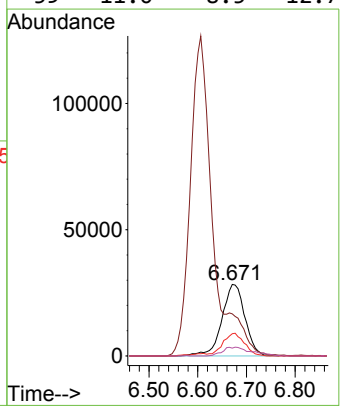


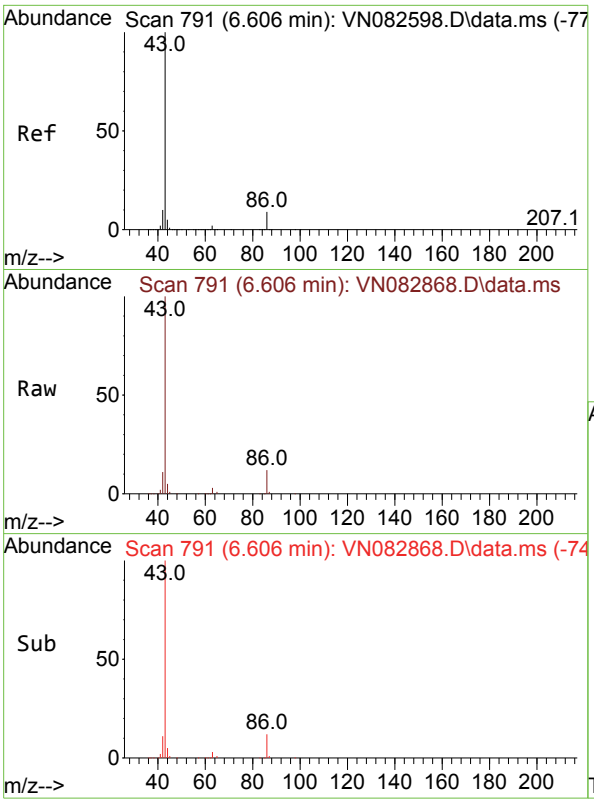


#22
Diisopropyl ether
Concen: 19.247 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 45 Resp: 92992

Ion	Ratio	Lower	Upper
45	100		
43	57.7	44.0	66.0
87	31.0	19.7	29.5#
59	11.0	8.5	12.7



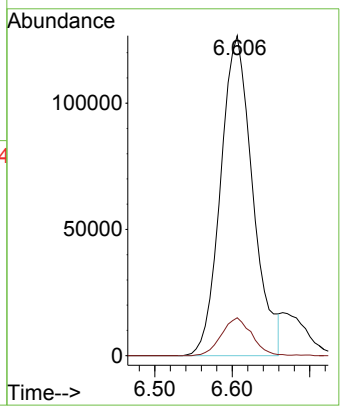


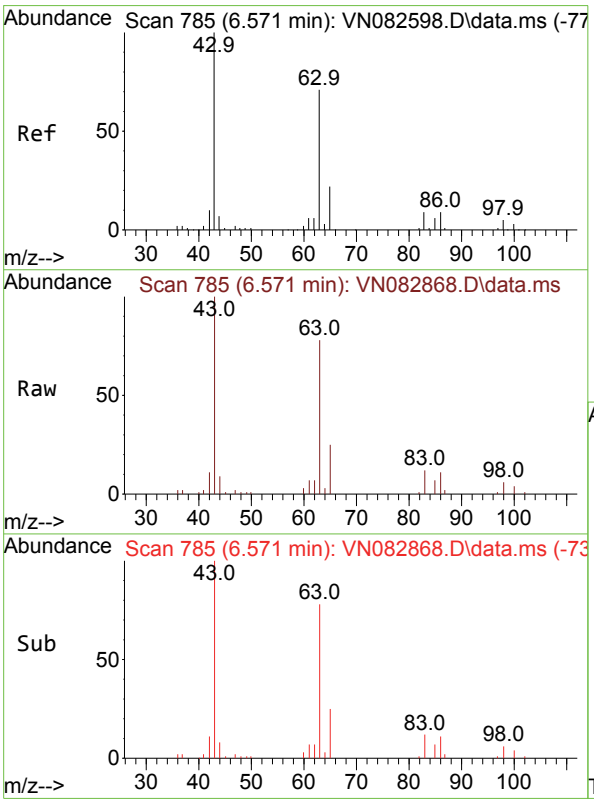
#23
Vinyl Acetate
Concen: 95.262 ug/l
RT: 6.606 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 365504

Ion	Ratio	Lower	Upper
43	100		
86	11.8	7.3	10.9#

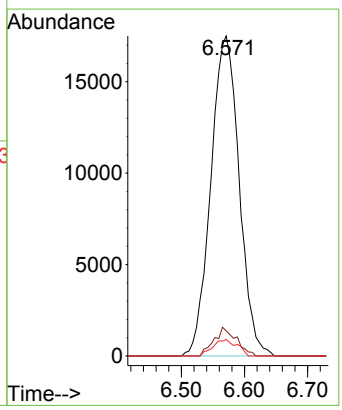


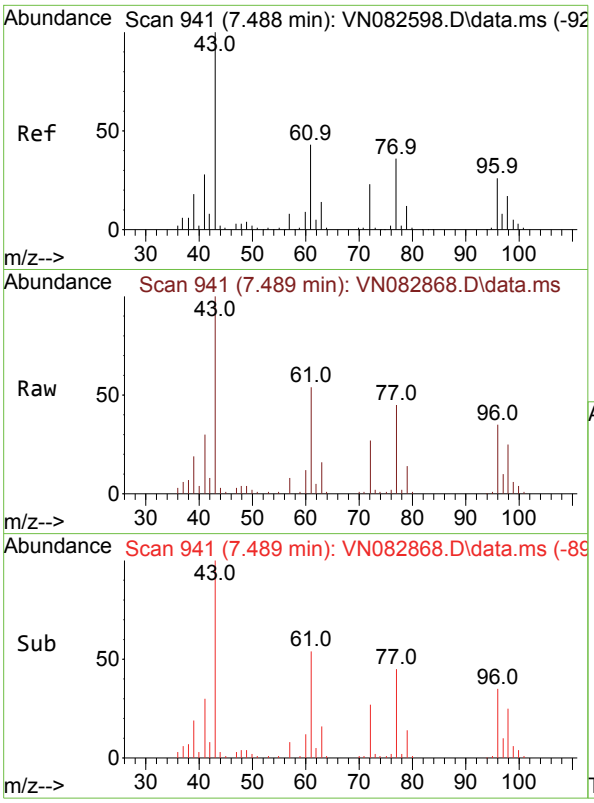


#24
1,1-Dichloroethane
Concen: 18.621 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 63 Resp: 54571

Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.3	9.9
100	5.2	2.0	6.0



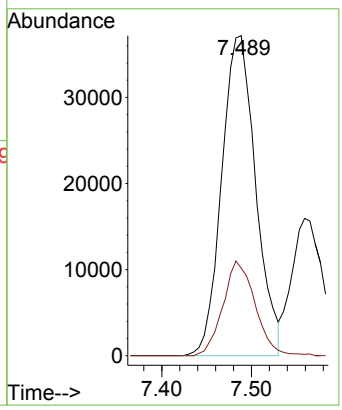


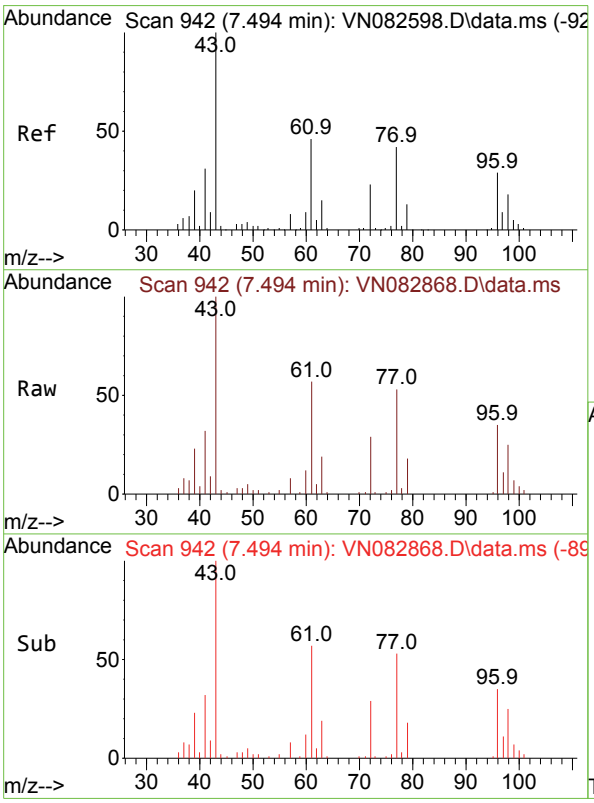
#25
2-Butanone
Concen: 90.583 ug/l
RT: 7.489 min Scan# 94
Delta R.T. 0.001 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 97942

Ion	Ratio	Lower	Upper
43	100		
72	27.4	18.2	27.2#

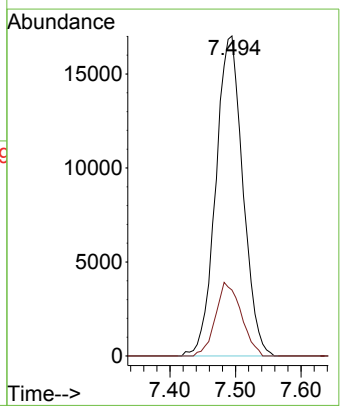


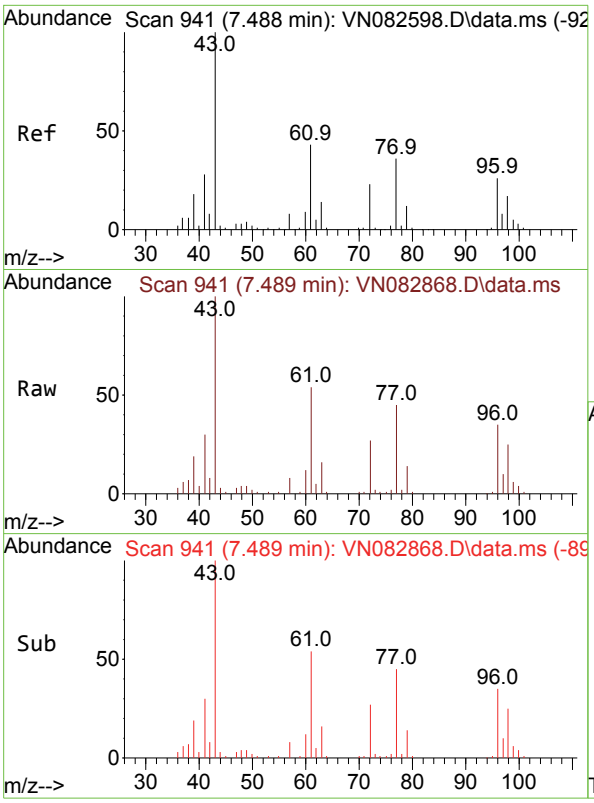


#26
2,2-Dichloropropane
Concen: 17.888 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 77 Resp: 48741

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.3	30.9



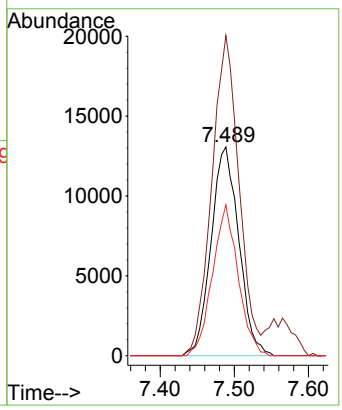


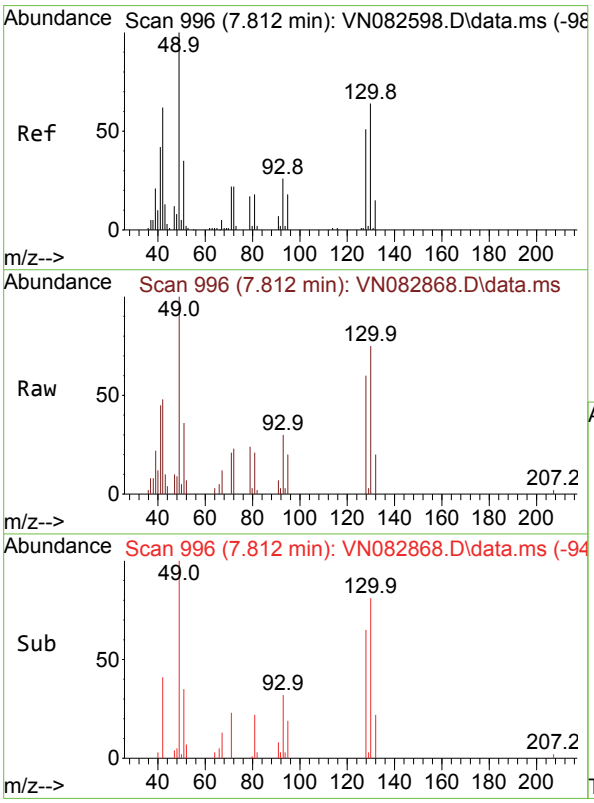
#27
cis-1,2-Dichloroethene
Concen: 18.069 ug/l
RT: 7.489 min Scan# 94
Delta R.T. 0.001 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 33949

Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	329.6
98	66.9	0.0	128.6

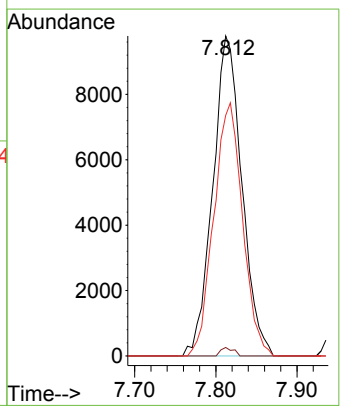


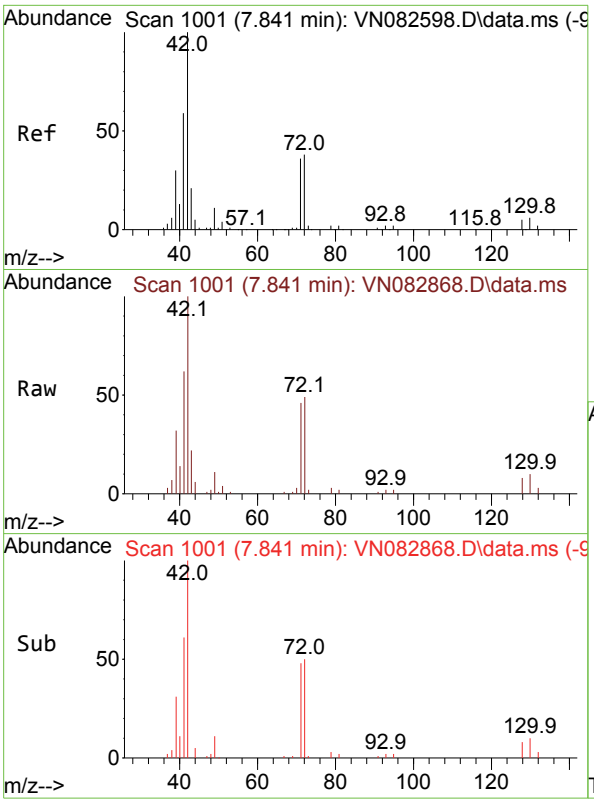


#28
Bromochloromethane
Concen: 19.401 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 49 Resp: 24391

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	78.1	50.5	75.7#



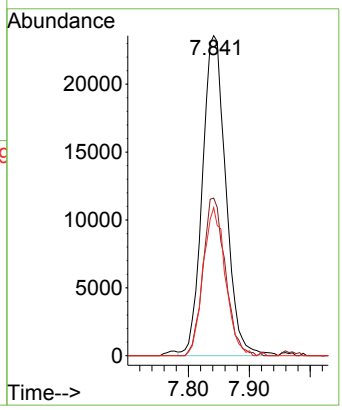


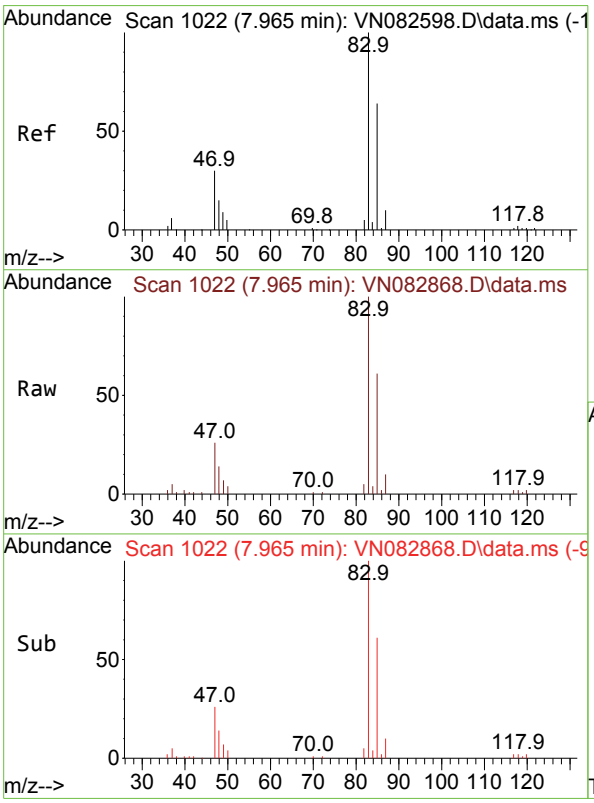
#29
Tetrahydrofuran
Concen: 92.871 ug/l
RT: 7.841 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 63217

Ion	Ratio	Lower	Upper
42	100		
72	47.0	30.0	45.0#
71	43.8	28.3	42.5#

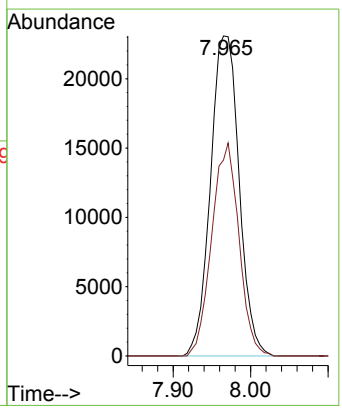


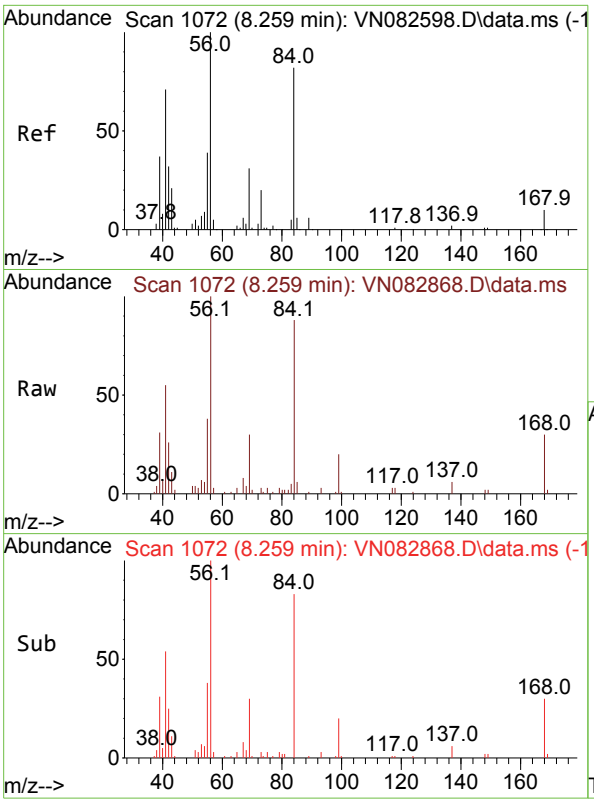


#30
Chloroform
Concen: 19.074 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 83 Resp: 59301

Ion	Ratio	Lower	Upper
83	100		
85	61.2	50.9	76.3



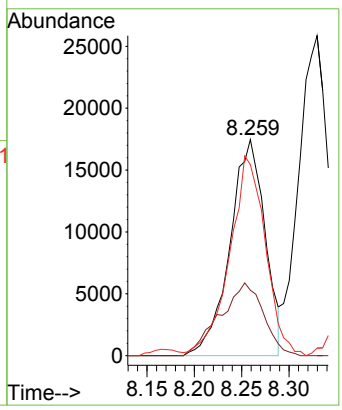


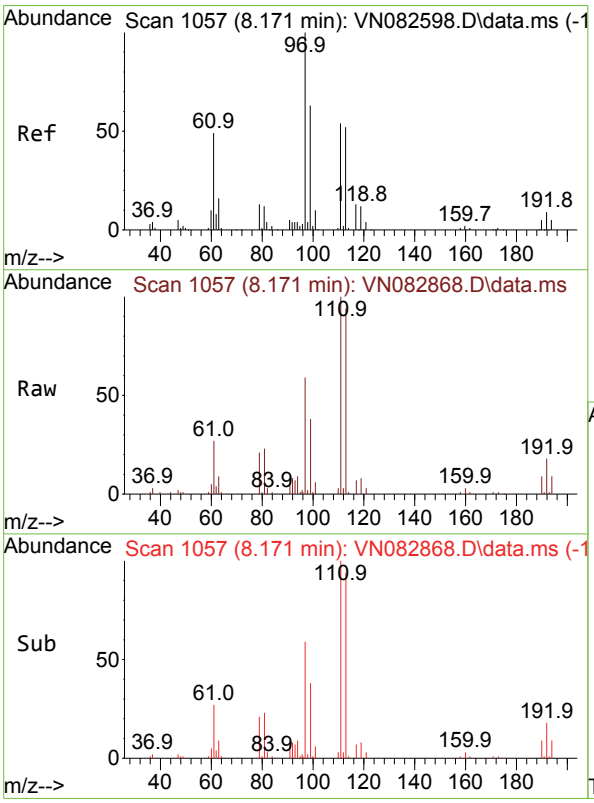
#31
Cyclohexane
Concen: 16.955 ug/l
RT: 8.259 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 45085

Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.5	36.7
84	86.6	66.0	99.0

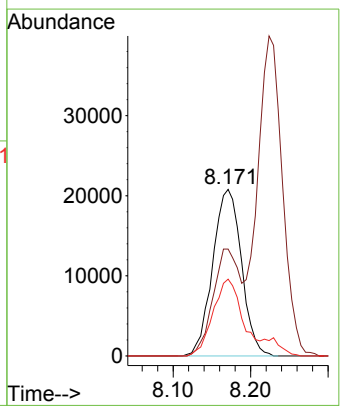


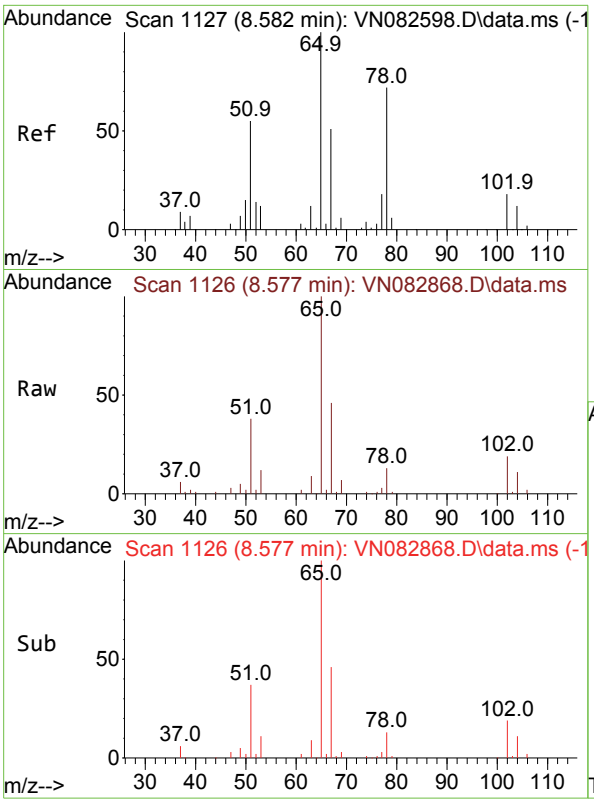


#32
1,1,1-Trichloroethane
Concen: 18.599 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 97 Resp: 53689

Ion	Ratio	Lower	Upper
97	100		
99	58.7	52.0	78.0
61	47.0	42.1	63.1



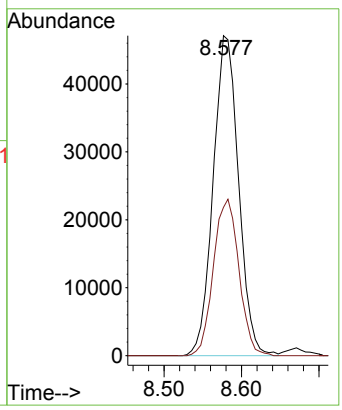


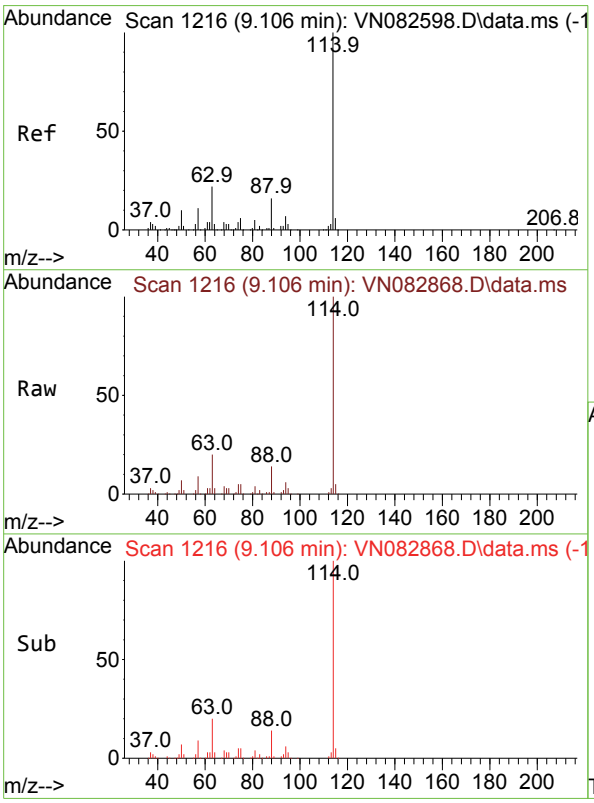
#33
1,2-Dichloroethane-d4
Concen: 52.819 ug/l
RT: 8.577 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 107428

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	104.4

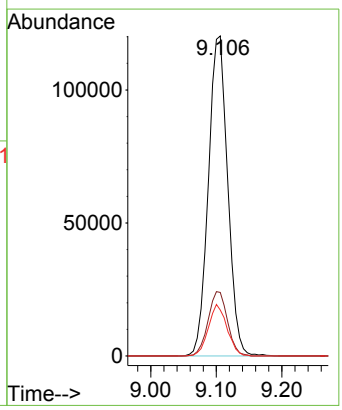


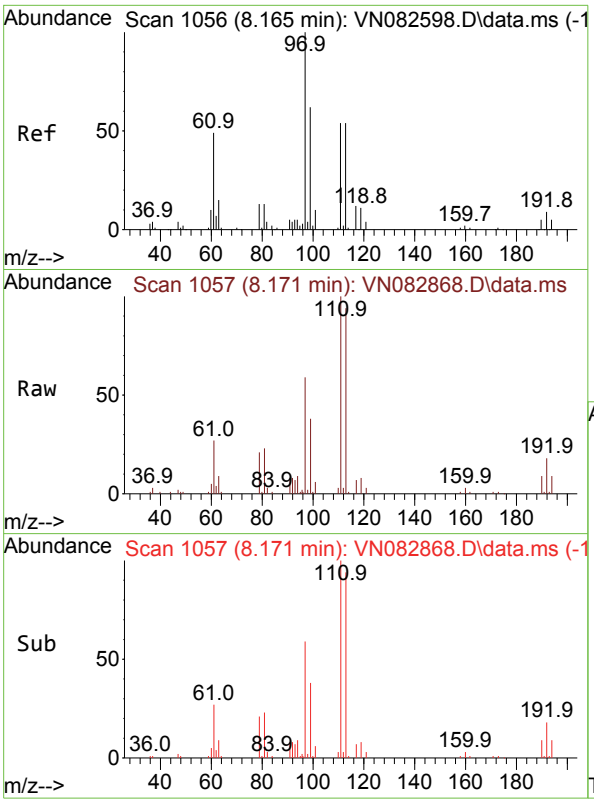


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:114 Resp: 246093

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	44.6
88	14.3	0.0	31.4



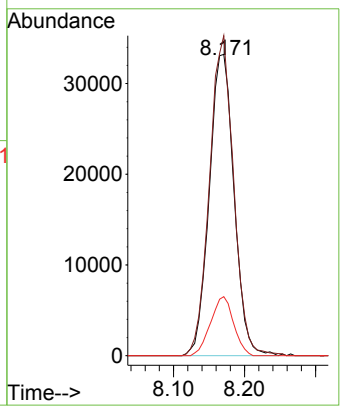


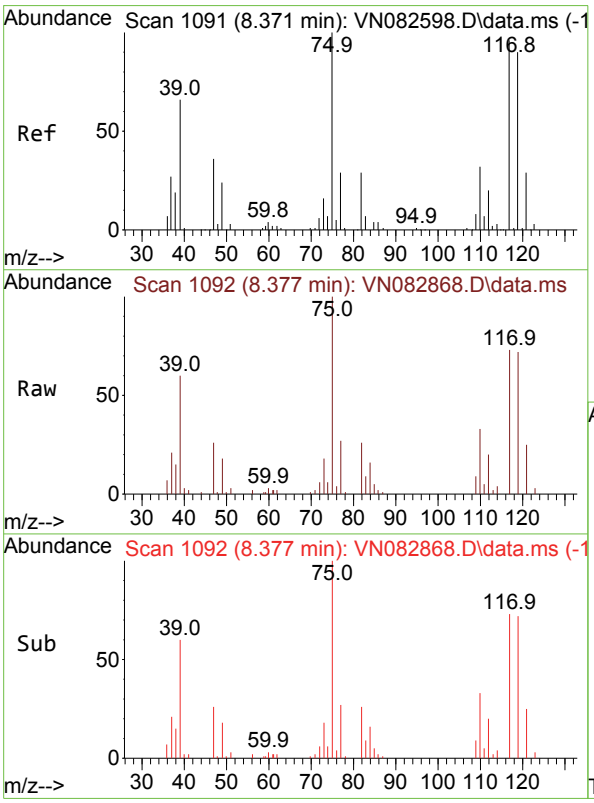
#35
Dibromofluoromethane
Concen: 50.903 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 80381

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	18.3	14.9	22.3

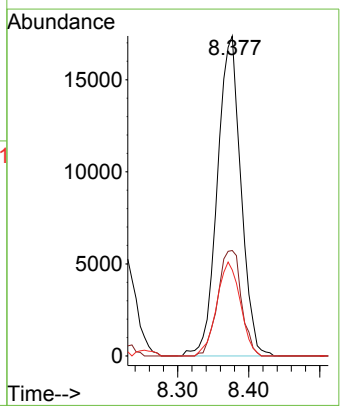


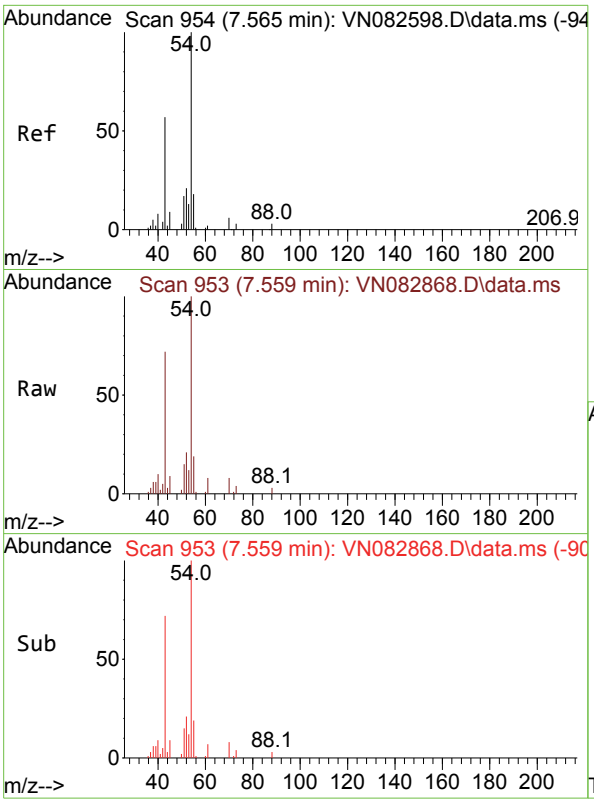


#36
1,1-Dichloropropene
Concen: 18.322 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 75 Resp: 39891

Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.3	48.9
77	29.6	24.6	37.0



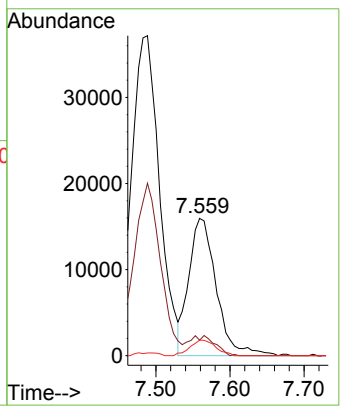


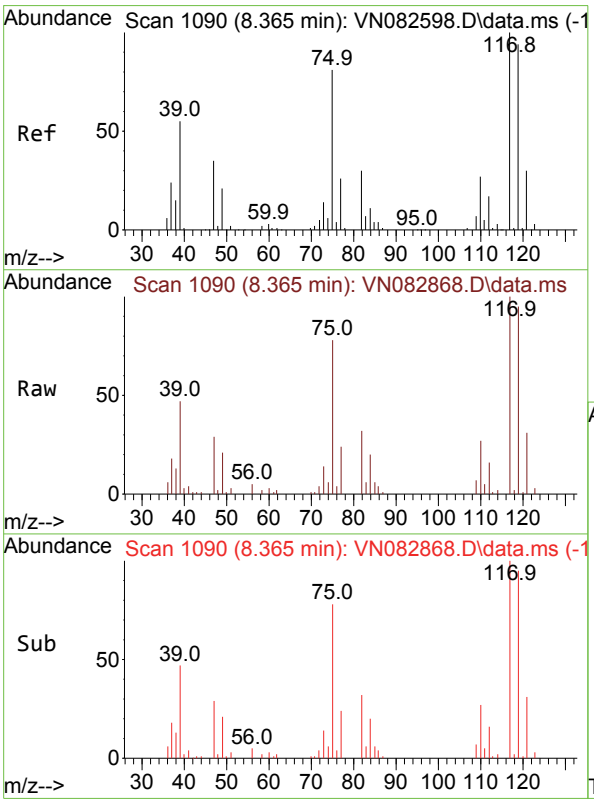
#37
Ethyl Acetate
Concen: 18.574 ug/l
RT: 7.559 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 41170

Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.3	13.9
70	10.6	7.0	10.6#

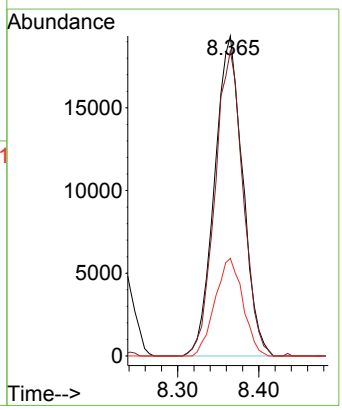


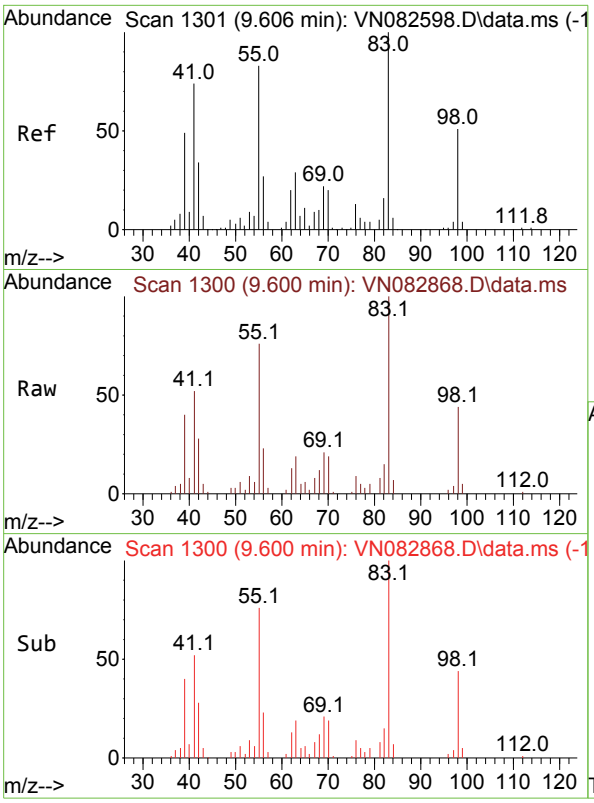


#38
Carbon Tetrachloride
Concen: 17.775 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:117 Resp: 46595

Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.9	112.3
121	30.5	24.3	36.5



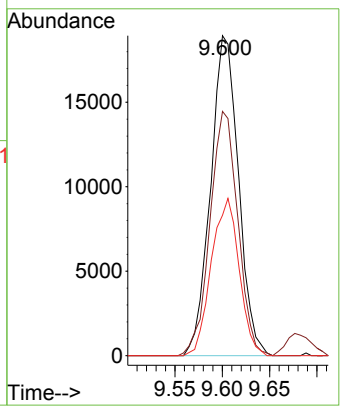


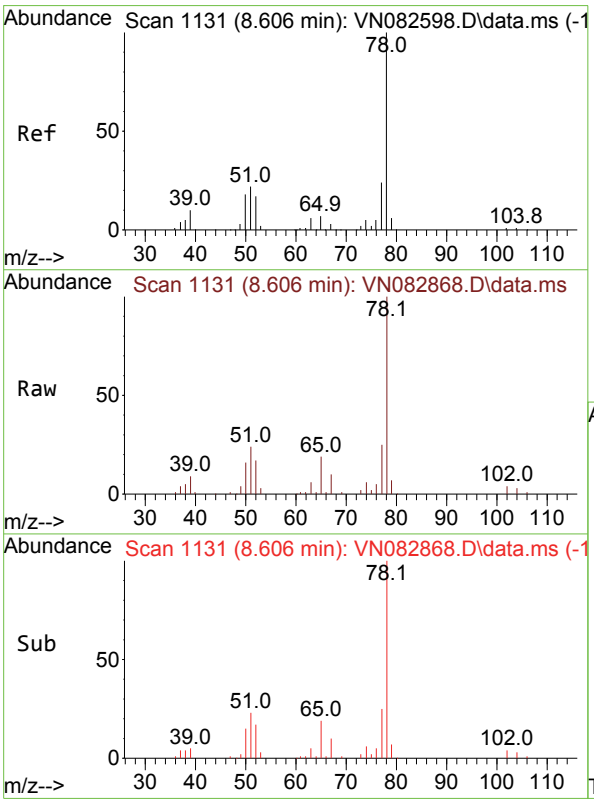
#39
Methylcyclohexane
Concen: 16.512 ug/l
RT: 9.600 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 38833

Ion	Ratio	Lower	Upper
83	100		
55	76.4	66.4	99.6
98	43.9	40.7	61.1

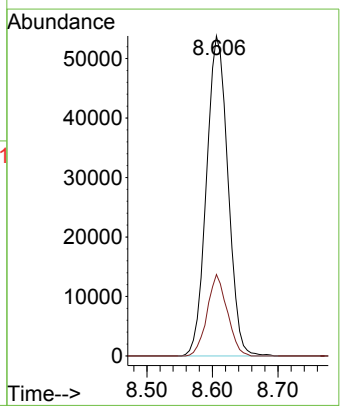


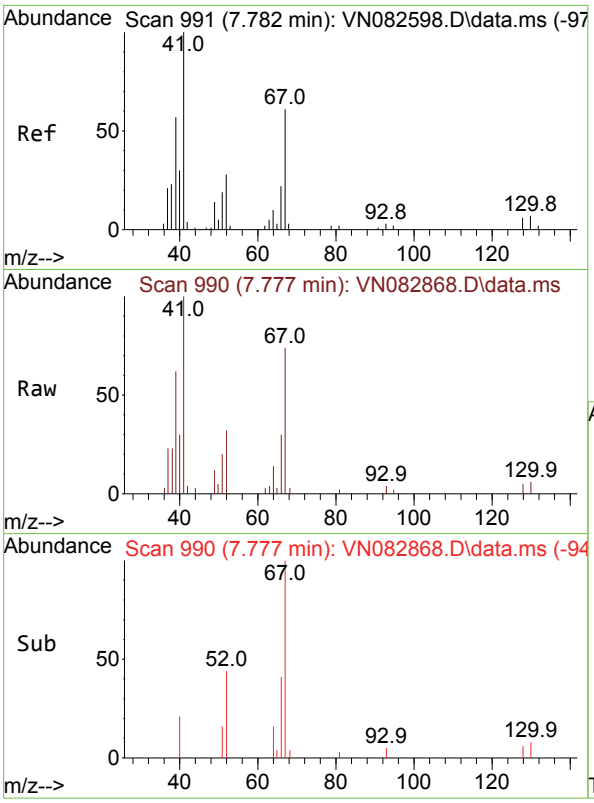


#40
Benzene
Concen: 18.278 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 78 Resp: 122409

Ion	Ratio	Lower	Upper
78	100		
77	25.5	19.0	28.4



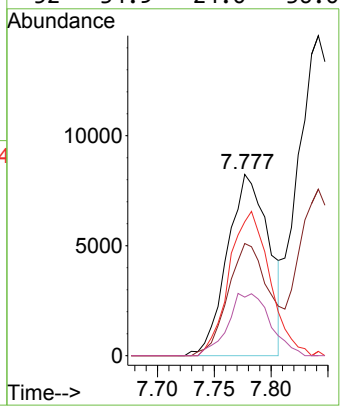


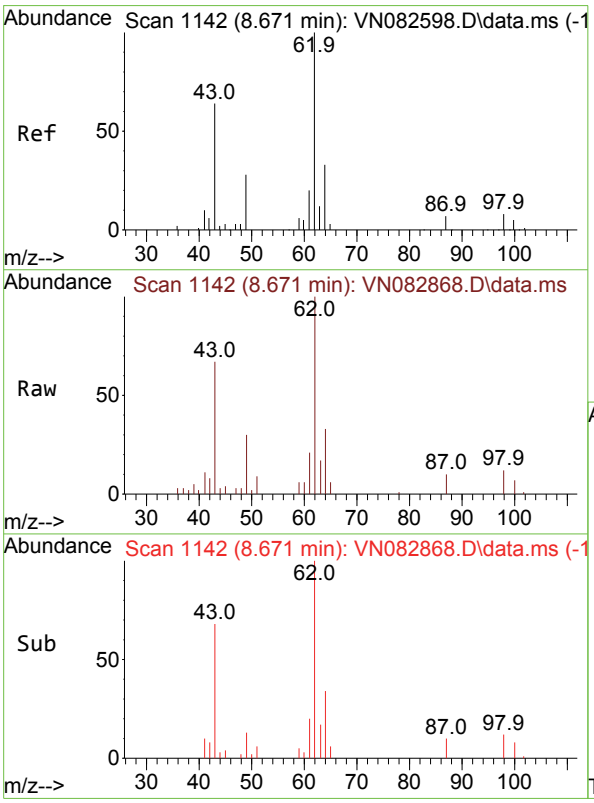
#41
Methacrylonitrile
Concen: 17.539 ug/l
RT: 7.777 min Scan# 9
Delta R.T. -0.005 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 20944

Ion	Ratio	Lower	Upper
41	100		
39	62.8	45.5	68.3
67	78.0	50.5	75.7#
52	34.9	24.0	36.0

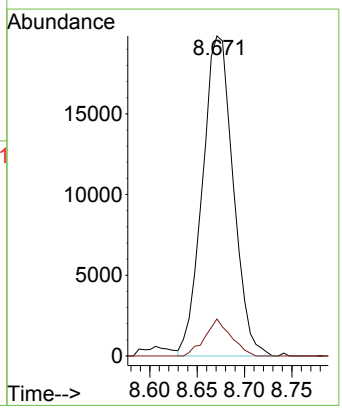


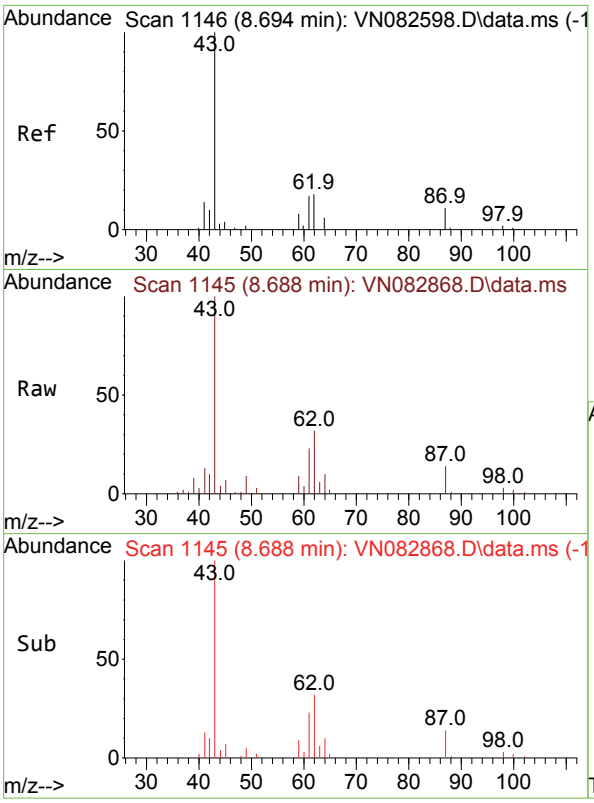


#42
1,2-Dichloroethane
Concen: 18.547 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 62 Resp: 44716

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	15.8



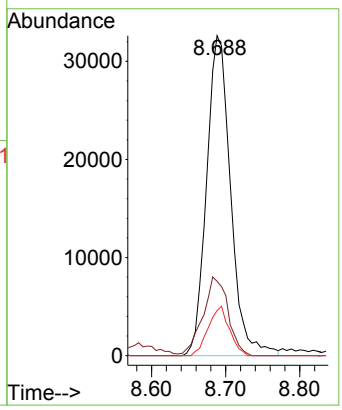


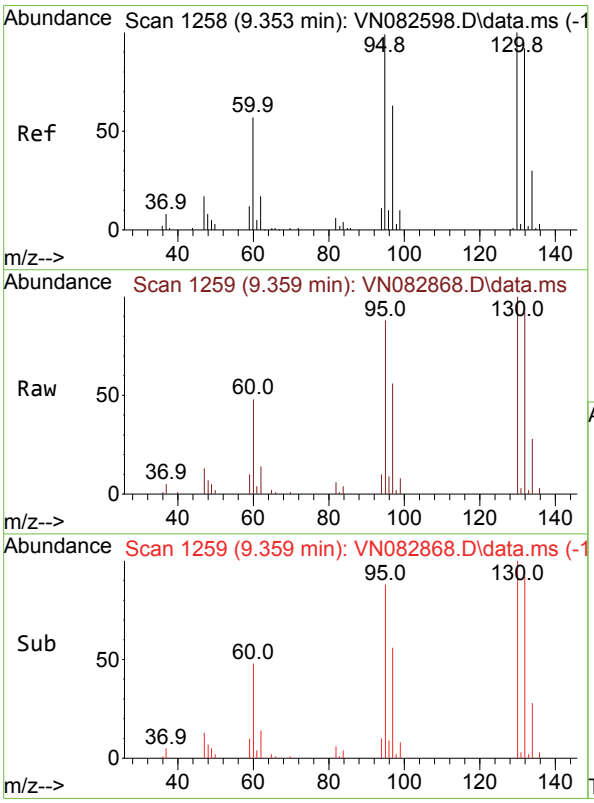
#43
Isopropyl Acetate
Concen: 15.558 ug/l
RT: 8.688 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 73568

Ion	Ratio	Lower	Upper
43	100		
61	25.7	17.8	26.6
87	13.5	8.2	12.2#

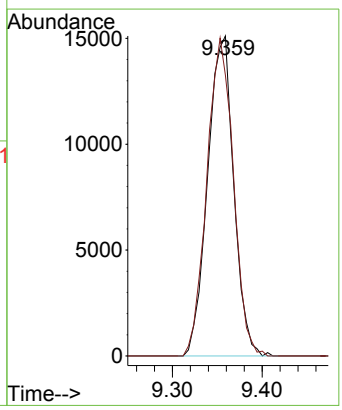


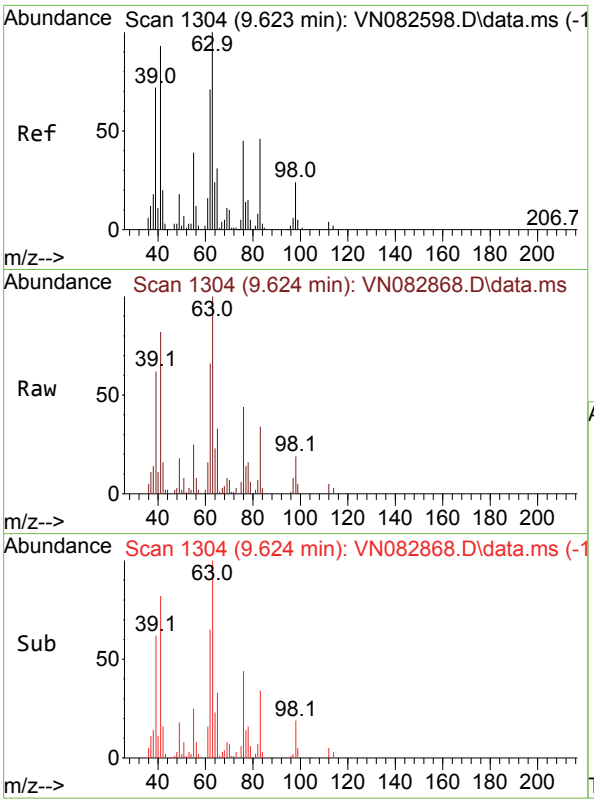


#44
Trichloroethene
Concen: 17.777 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:130 Resp: 30502

Ion	Ratio	Lower	Upper
130	100		
95	87.8	0.0	197.8



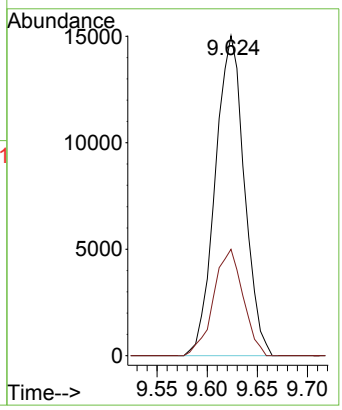


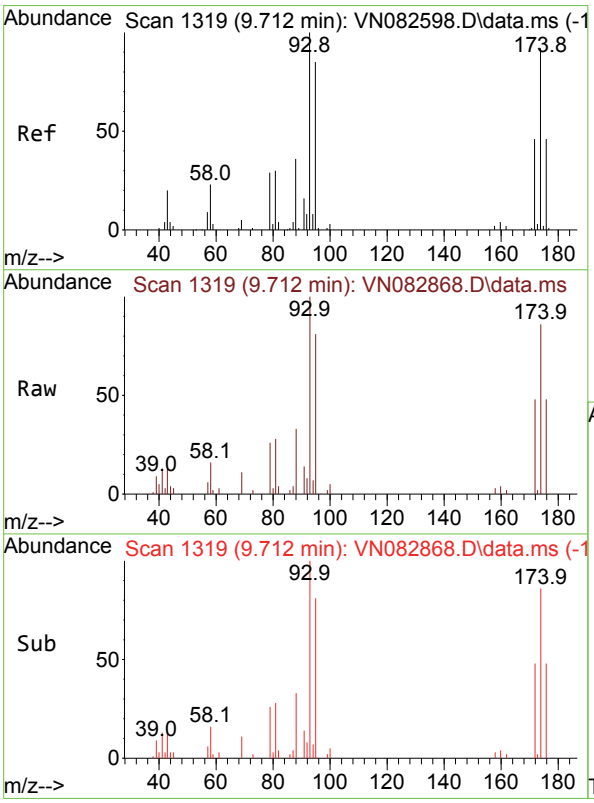
#45
1,2-Dichloropropane
Concen: 19.353 ug/l
RT: 9.624 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 30259

Ion	Ratio	Lower	Upper
63	100		
65	33.3	24.4	36.6

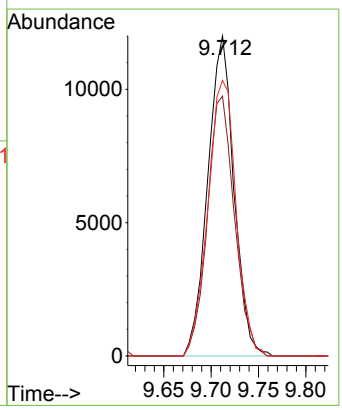


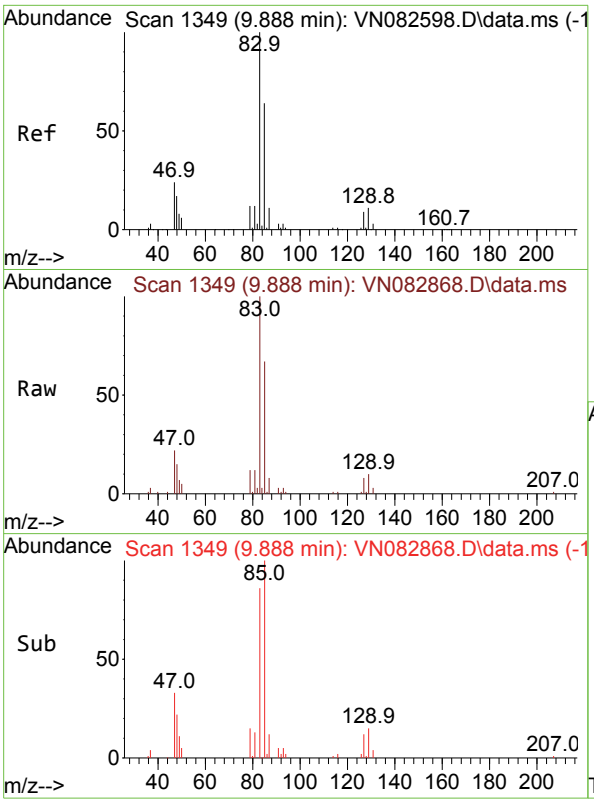


#46
Dibromomethane
Concen: 18.960 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 93 Resp: 23094

Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.8	98.6
174	92.5	71.7	107.5



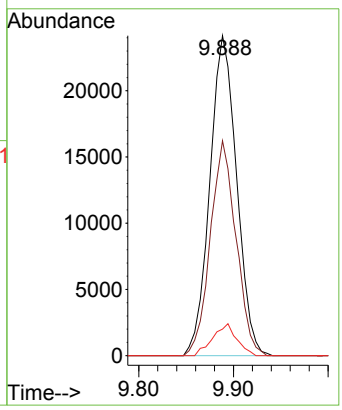


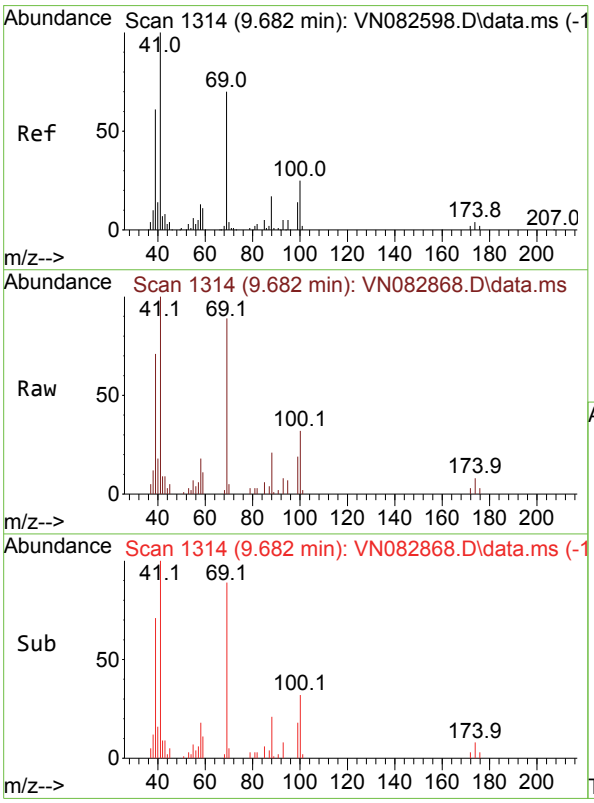
#47
Bromodichloromethane
Concen: 18.888 ug/l
RT: 9.888 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 47537

Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.1	76.7
127	8.3	7.2	10.8

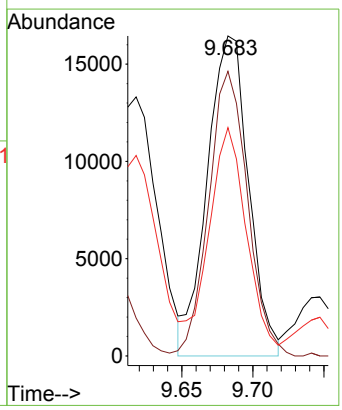


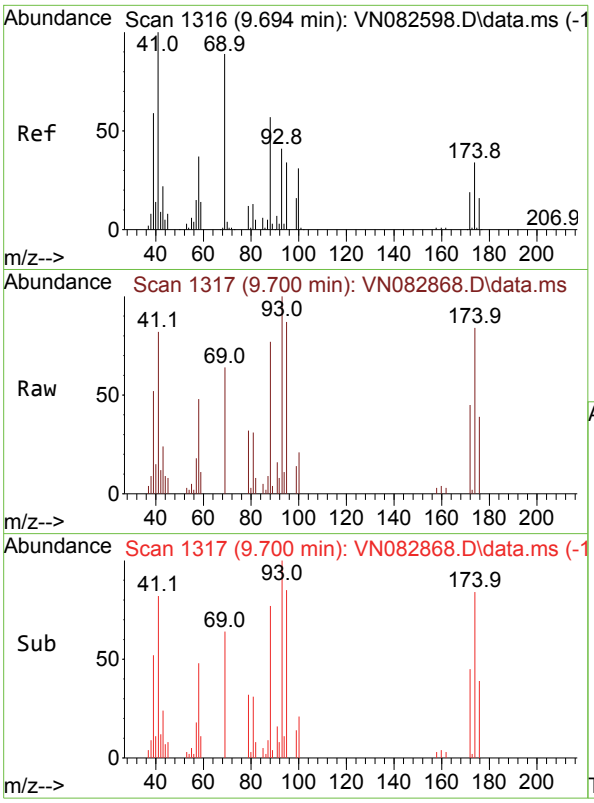


#48
Methyl methacrylate
Concen: 19.199 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 41 Resp: 33368

Ion	Ratio	Lower	Upper
41	100		
69	83.5	56.3	84.5
39	66.2	50.3	75.5



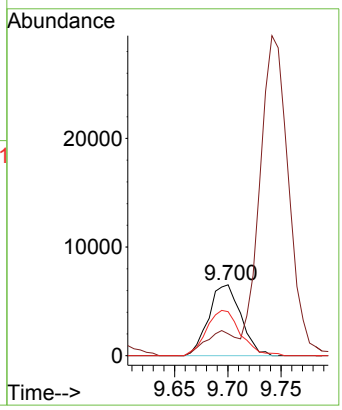


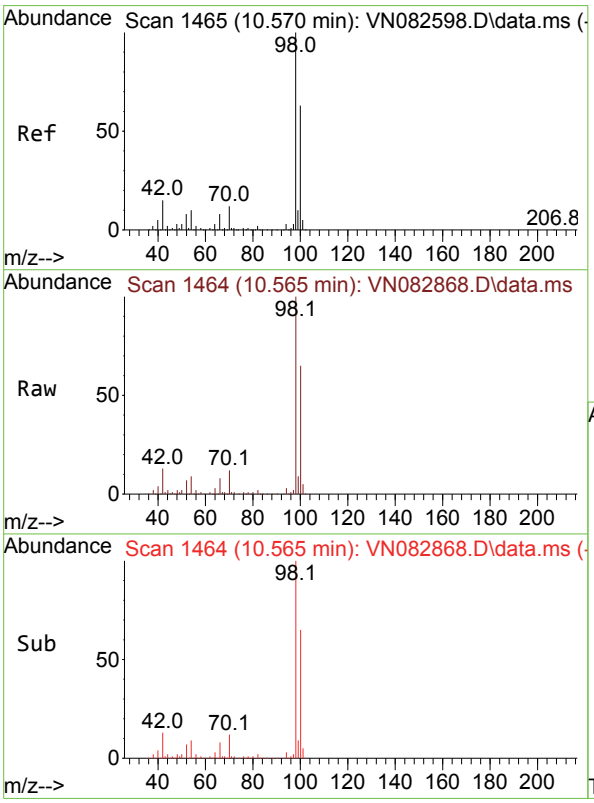
#49
1,4-Dioxane
Concen: 357.492 ug/l
RT: 9.700 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 13710

Ion	Ratio	Lower	Upper
88	100		
43	34.4	27.8	41.8
58	67.3	59.4	89.0

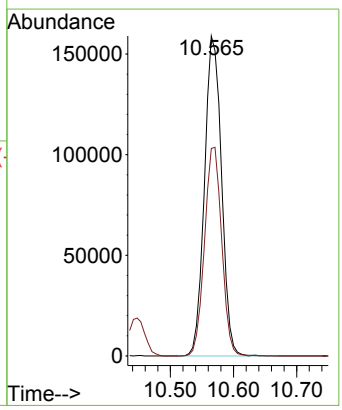


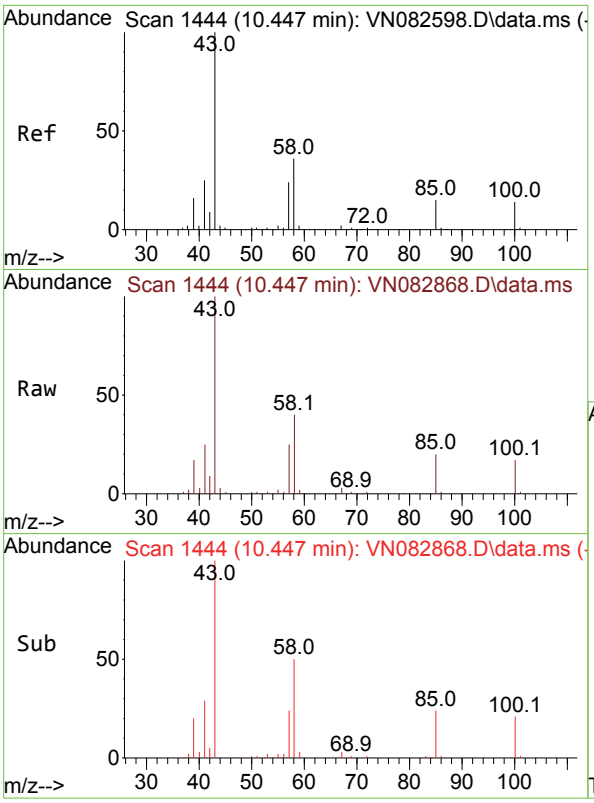


#50
Toluene-d8
Concen: 50.930 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 98 Resp: 297043

Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.5	77.3



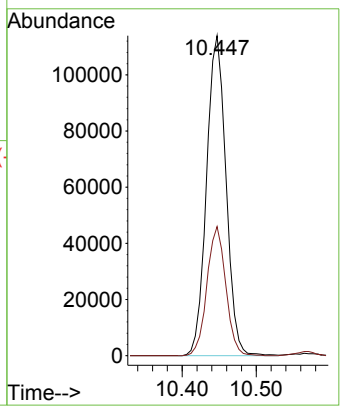


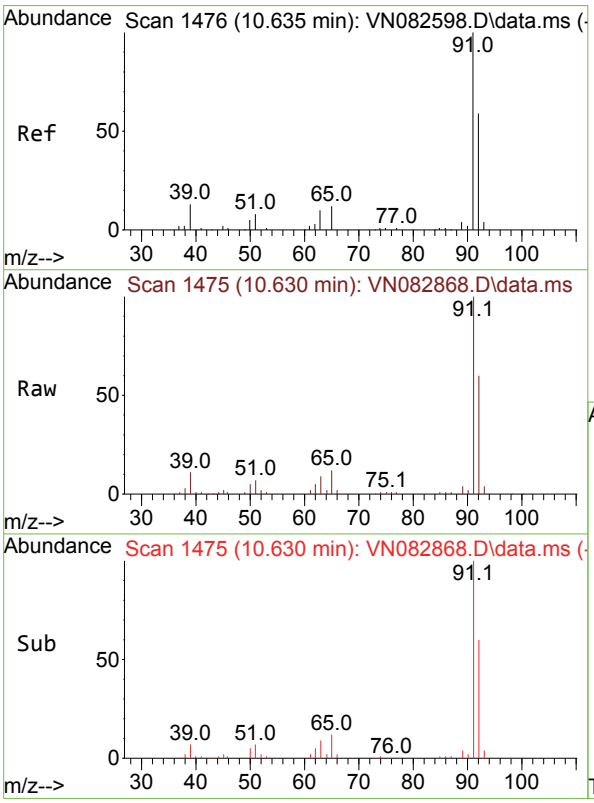
#51
4-Methyl-2-Pentanone
Concen: 94.643 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 207975

Ion	Ratio	Lower	Upper
43	100		
58	39.0	28.2	42.4

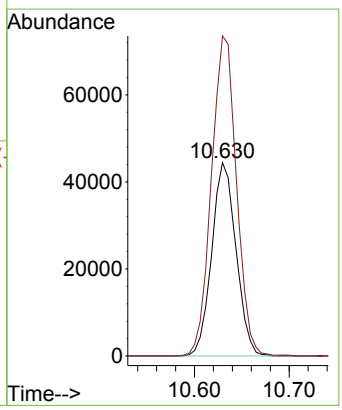


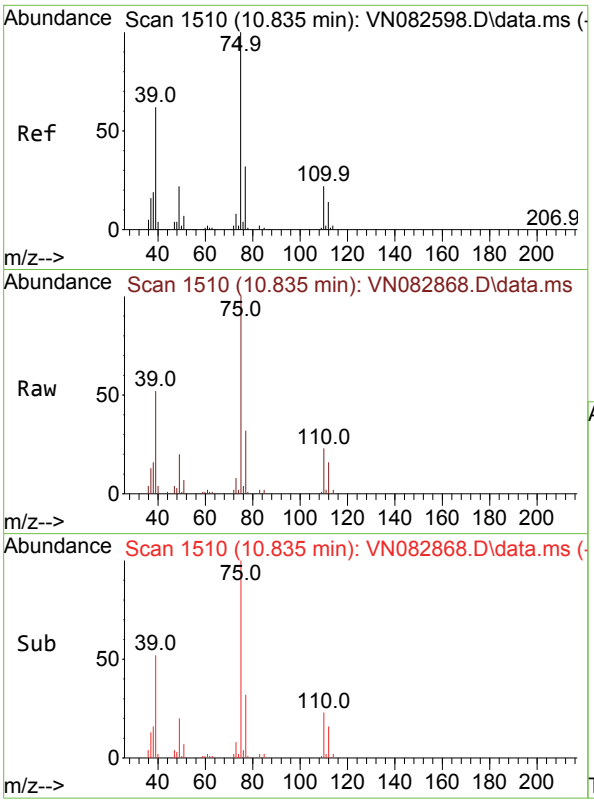


#52
Toluene
Concen: 18.884 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 92 Resp: 79002

Ion	Ratio	Lower	Upper
92	100		
91	171.0	139.4	209.0



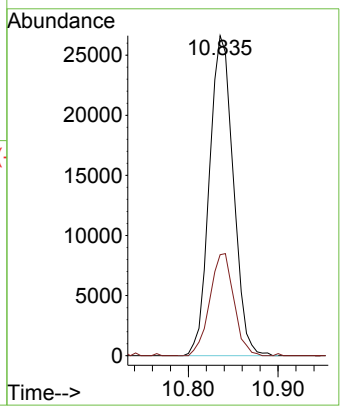


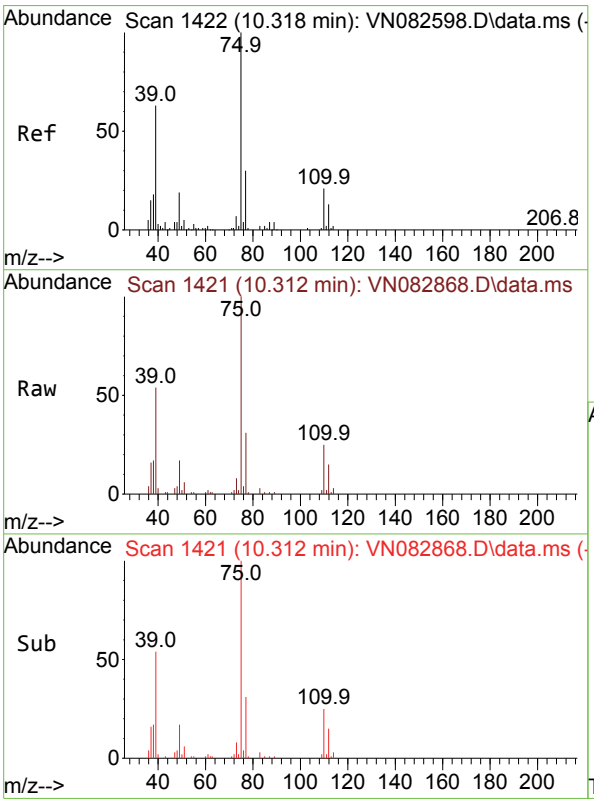
#53
t-1,3-Dichloropropene
Concen: 18.964 ug/l
RT: 10.835 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 49168

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.7	38.5

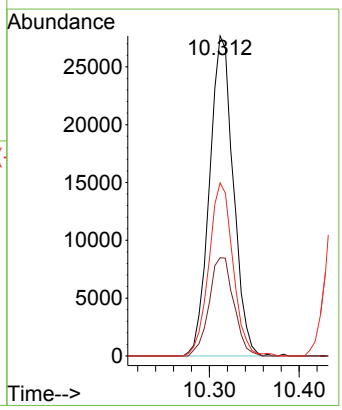


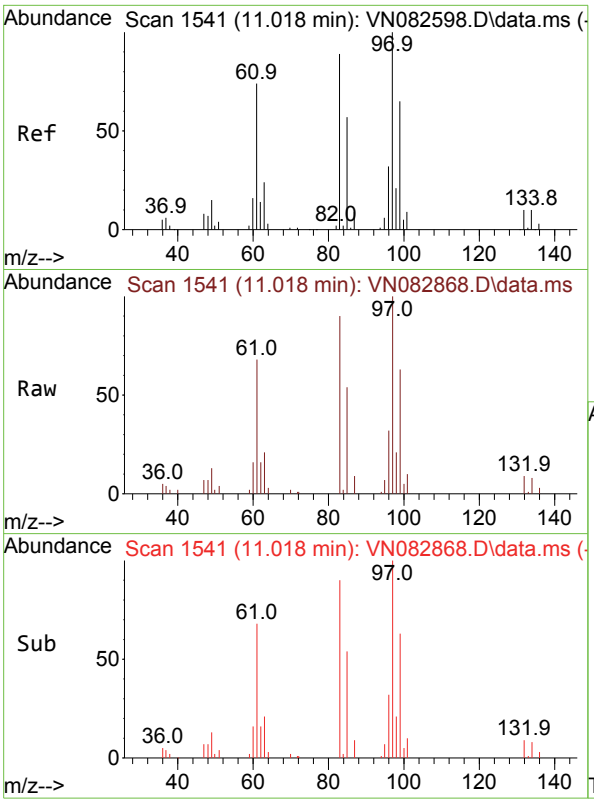


#54
cis-1,3-Dichloropropene
Concen: 18.565 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 75 Resp: 50949

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.3	36.5
39	54.1	50.5	75.7



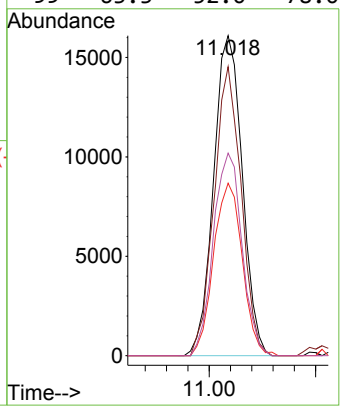


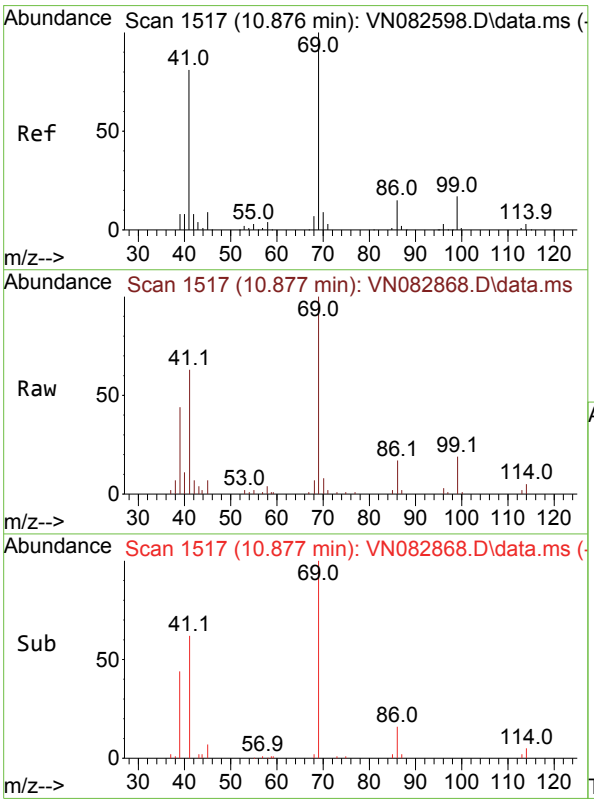
#55
1,1,2-Trichloroethane
Concen: 19.542 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 30063

Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.4	107.0
85	53.9	45.8	68.6
99	63.3	52.0	78.0

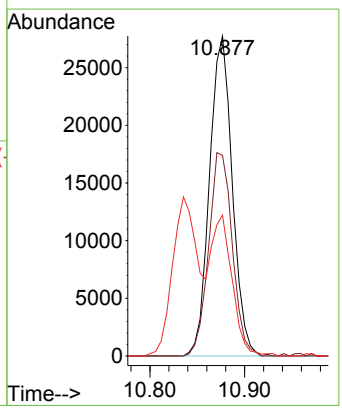


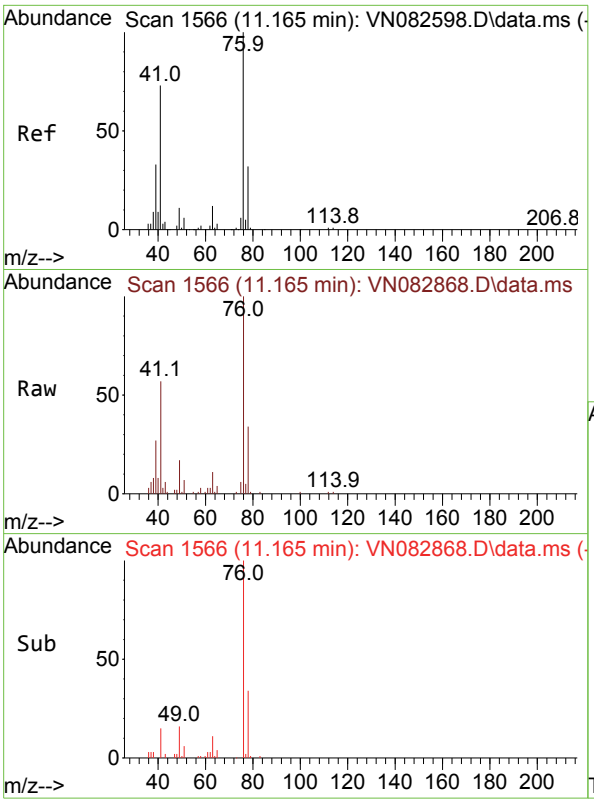


#56
Ethyl methacrylate
Concen: 19.343 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 69 Resp: 46295

Ion	Ratio	Lower	Upper
69	100		
41	66.0	63.4	95.2
39	40.3	37.4	56.0



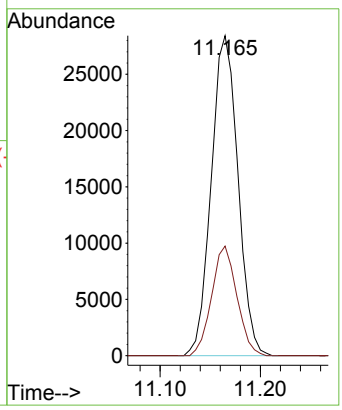


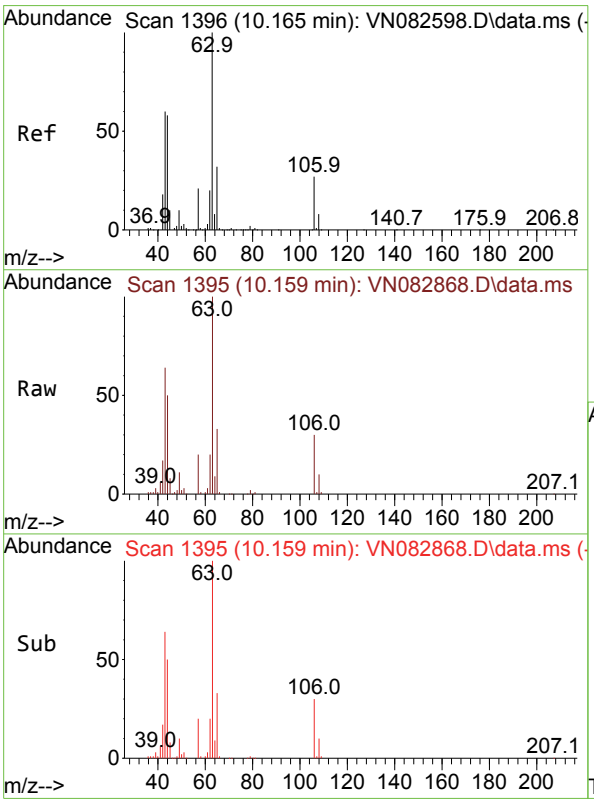
#57
1,3-Dichloropropane
Concen: 19.316 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 52599

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.6	38.4

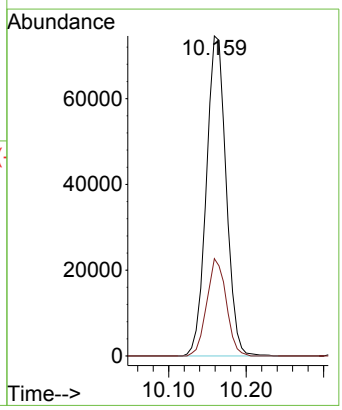


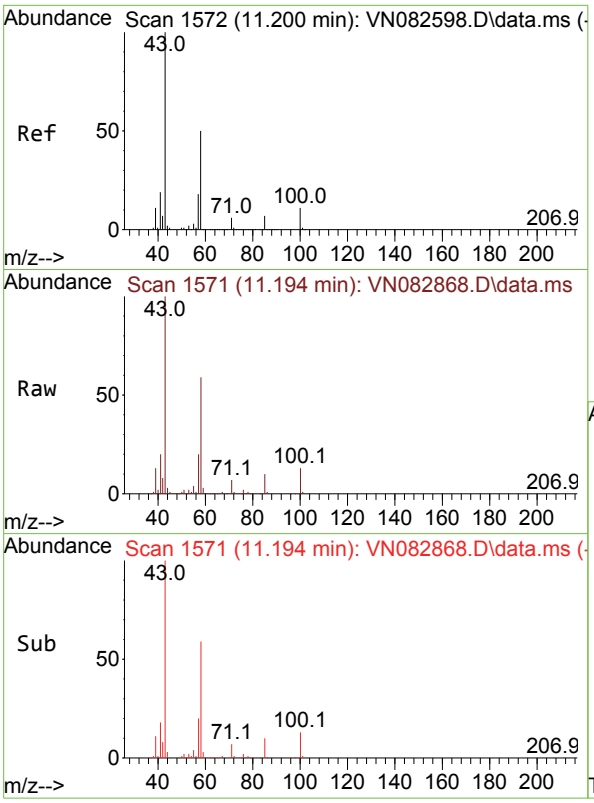


#58
2-Chloroethyl Vinyl ether
Concen: 107.898 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 63 Resp: 132509

Ion	Ratio	Lower	Upper
63	100		
106	29.9	21.4	32.0



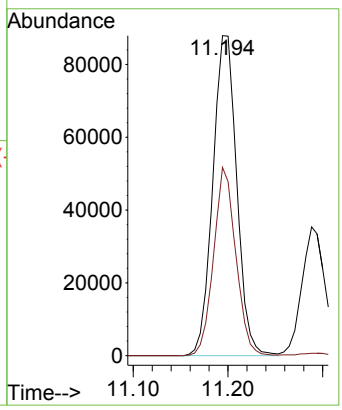


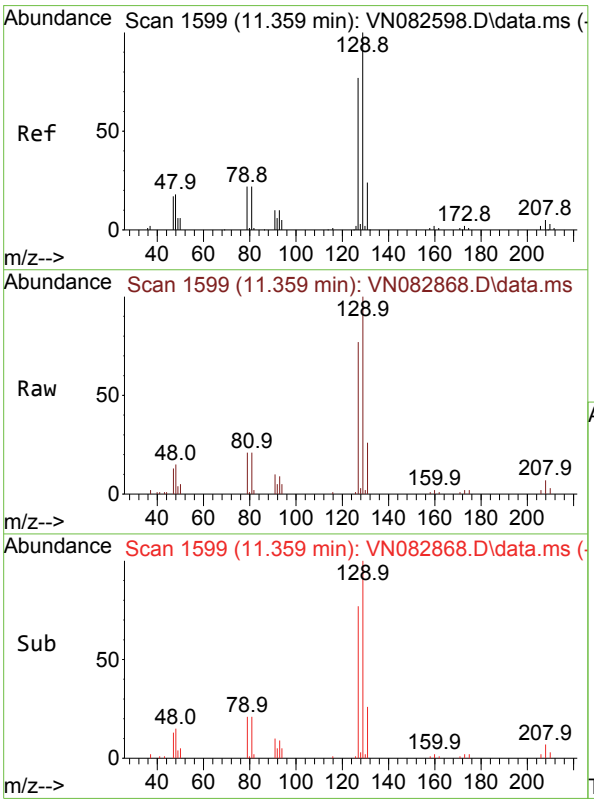
#59
2-Hexanone
Concen: 94.650 ug/l
RT: 11.194 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 154637

Ion	Ratio	Lower	Upper
43	100		
58	54.5	24.6	73.8

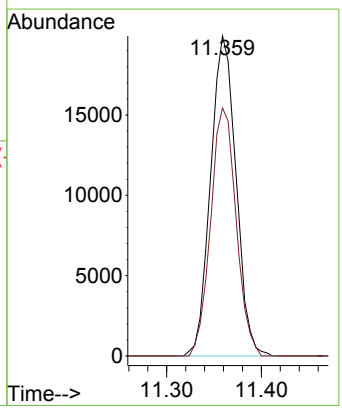


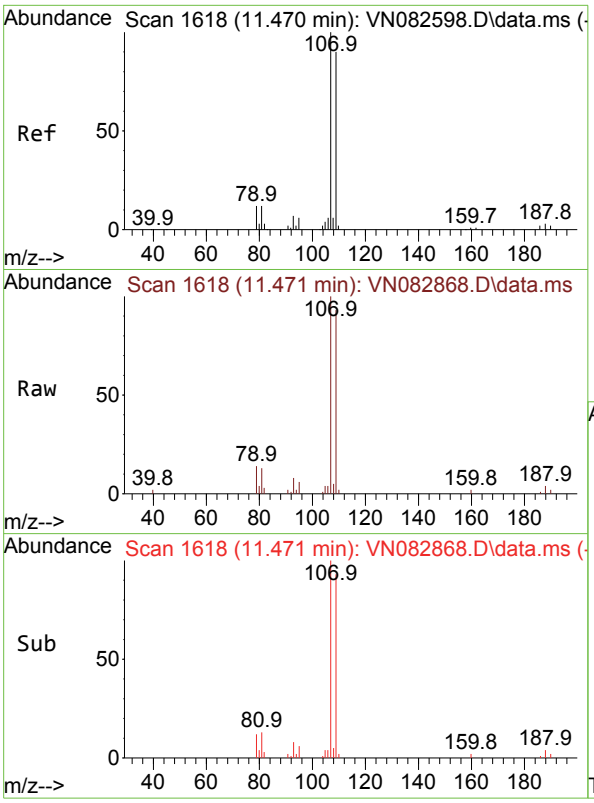


#60
Dibromochloromethane
Concen: 18.956 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:129 Resp: 37142

Ion	Ratio	Lower	Upper
129	100		
127	77.6	39.2	117.6



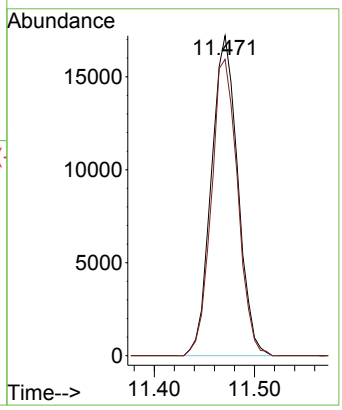


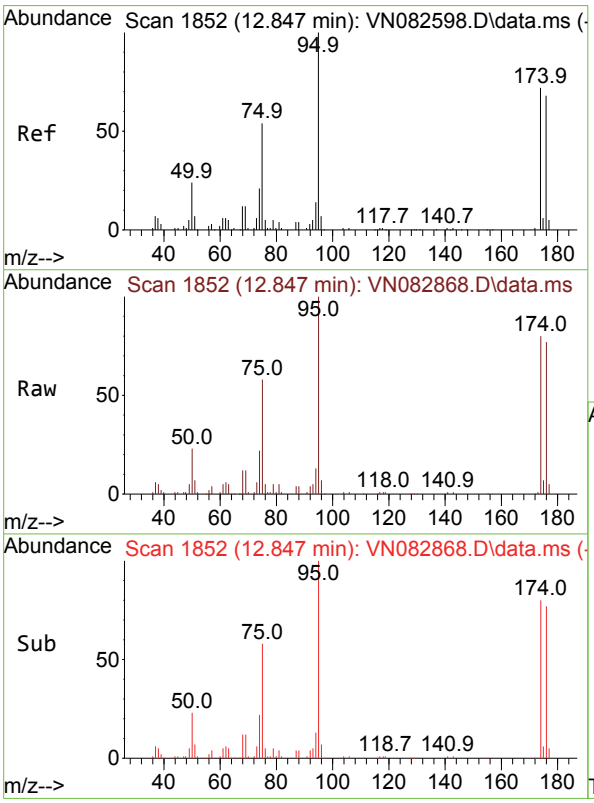
#61
1,2-Dibromoethane
Concen: 19.291 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:107 Resp: 31515

Ion	Ratio	Lower	Upper
107	100		
109	92.0	73.7	110.5

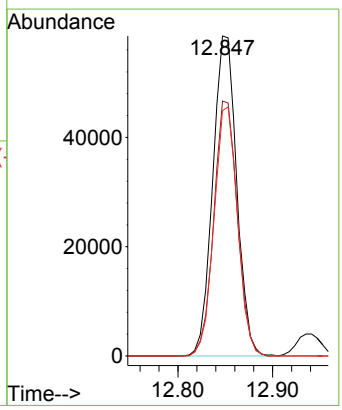


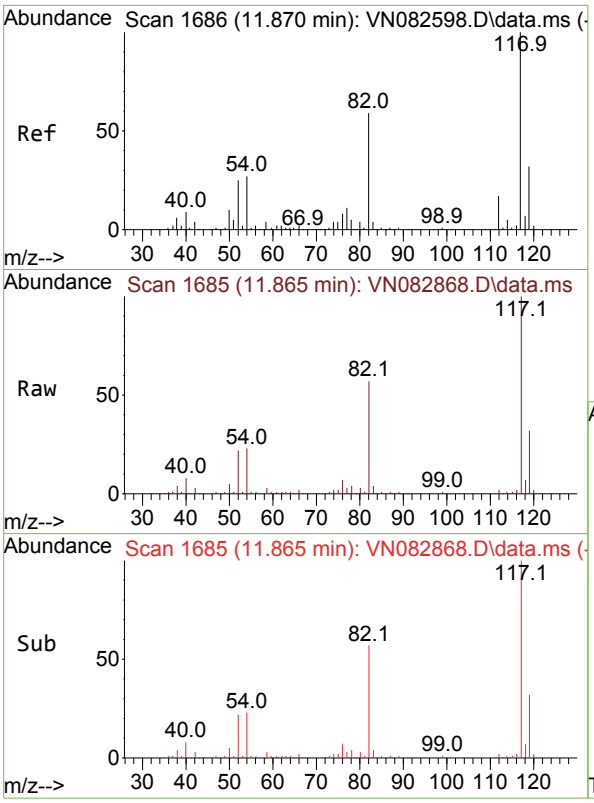


#62
4-Bromofluorobenzene
Concen: 49.098 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 95 Resp: 102863

Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	159.2
176	76.2	0.0	147.6



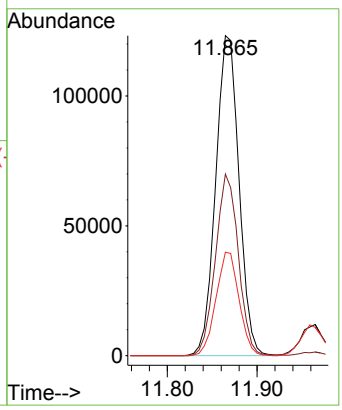


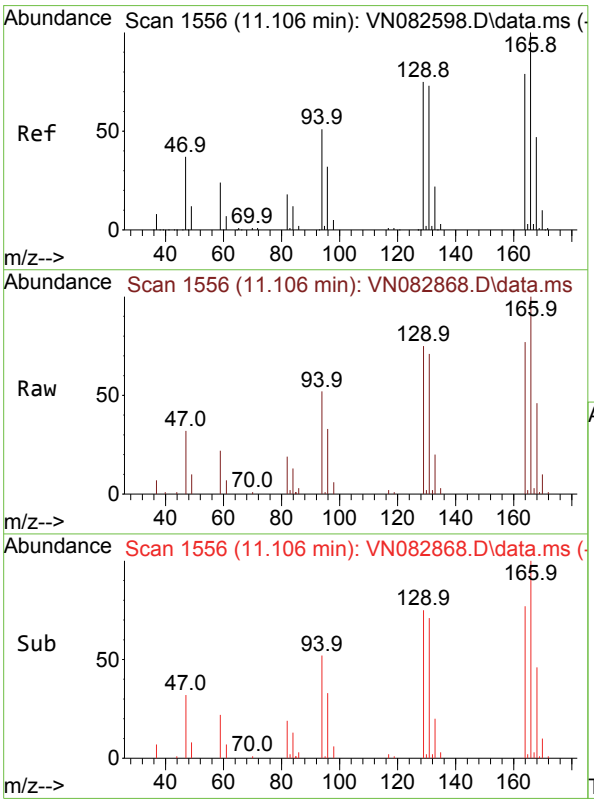
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 222267

Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.5	71.3
119	32.4	25.6	38.4

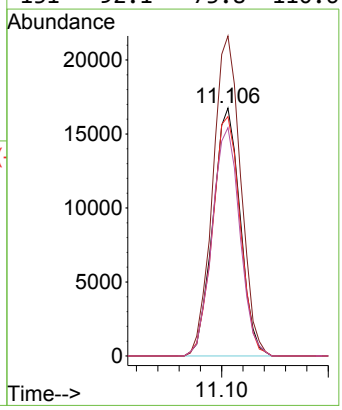


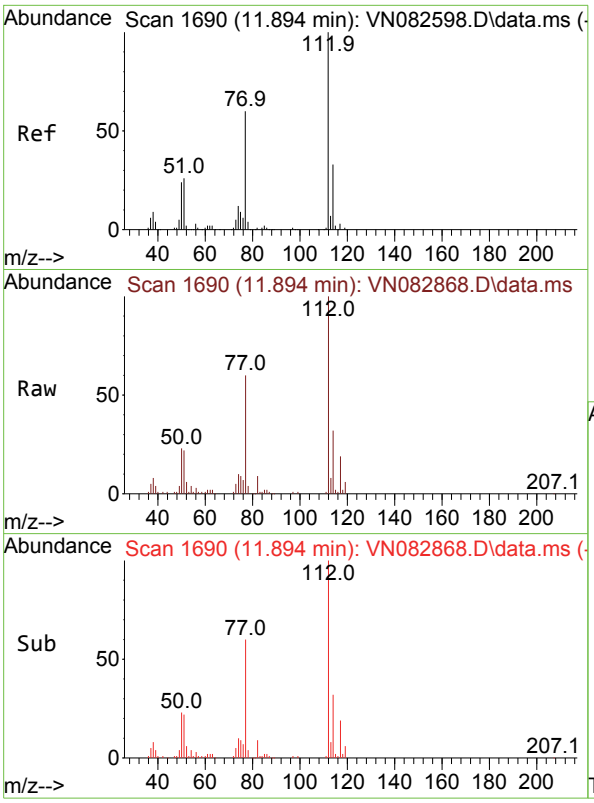


#64
Tetrachloroethene
Concen: 17.938 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:164 Resp: 29746

Ion	Ratio	Lower	Upper
164	100		
166	129.1	101.4	152.0
129	96.5	75.7	113.5
131	92.1	73.8	110.6



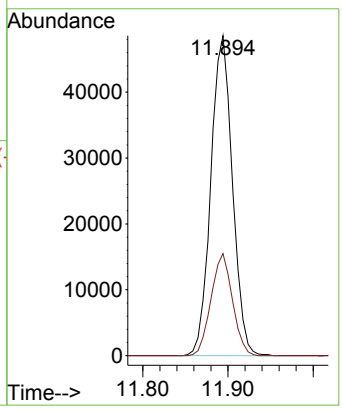


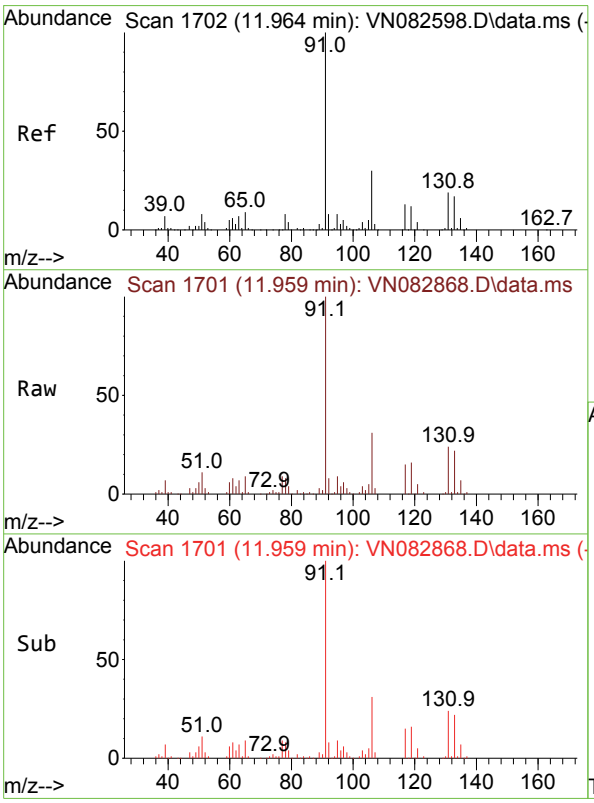
#65
Chlorobenzene
Concen: 17.990 ug/l
RT: 11.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:112 Resp: 85682

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.2	39.2

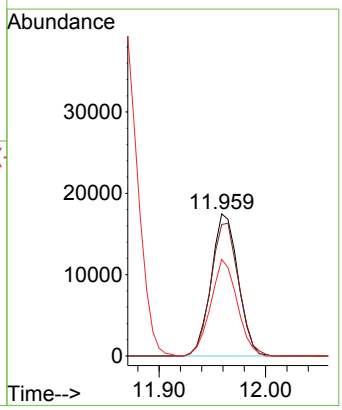


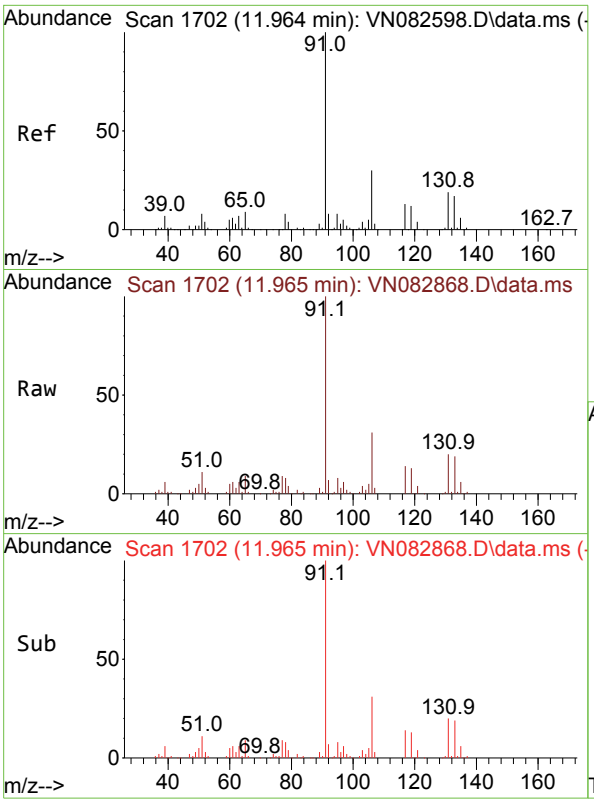


#66
1,1,1,2-Tetrachloroethane
Concen: 18.049 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:131 Resp: 30578

Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.3	142.0
119	67.1	32.5	97.4



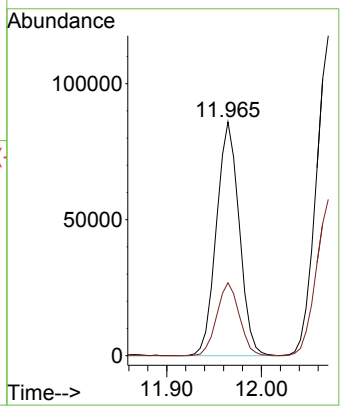


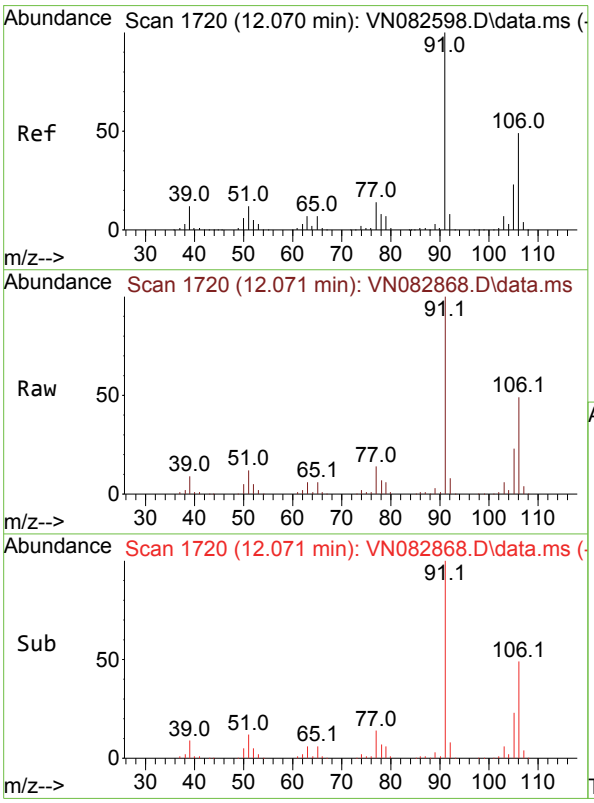
#67
Ethyl Benzene
Concen: 17.945 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 143644

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.0	36.0

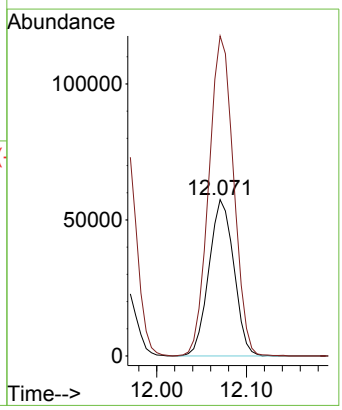


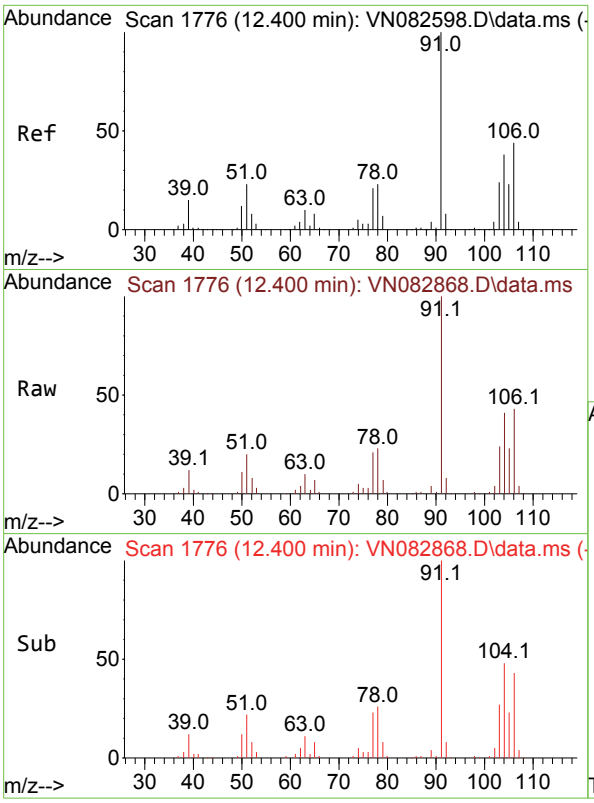


#68
m/p-Xylenes
Concen: 36.680 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:106 Resp: 110853

Ion	Ratio	Lower	Upper
106	100		
91	204.0	166.1	249.1



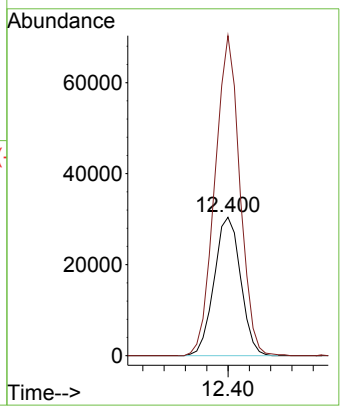


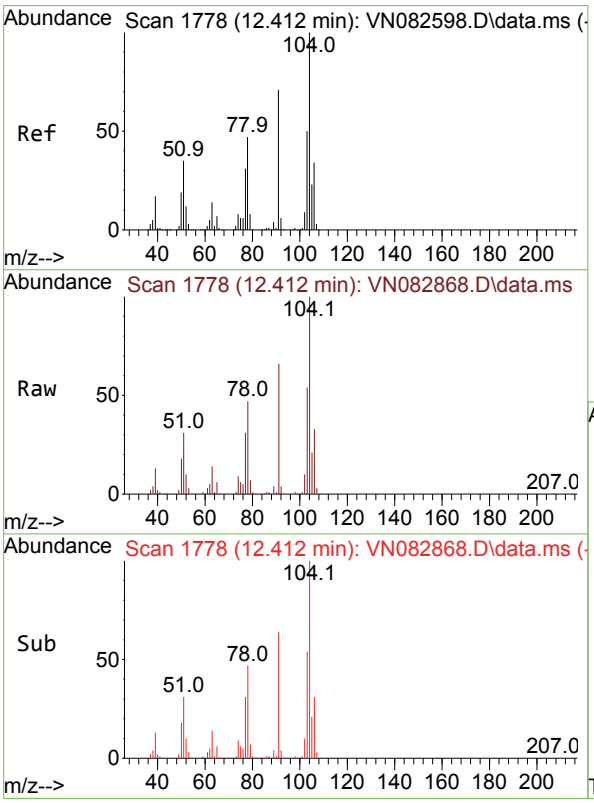
#69
o-Xylene
Concen: 18.147 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 52549

Ion	Ratio	Lower	Upper
106	100		
91	217.9	111.3	333.9

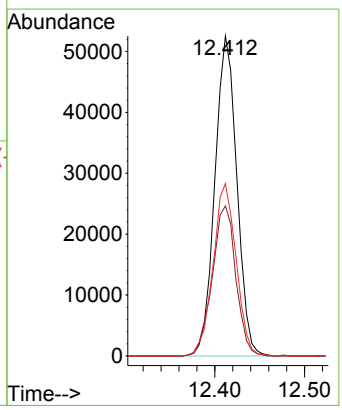


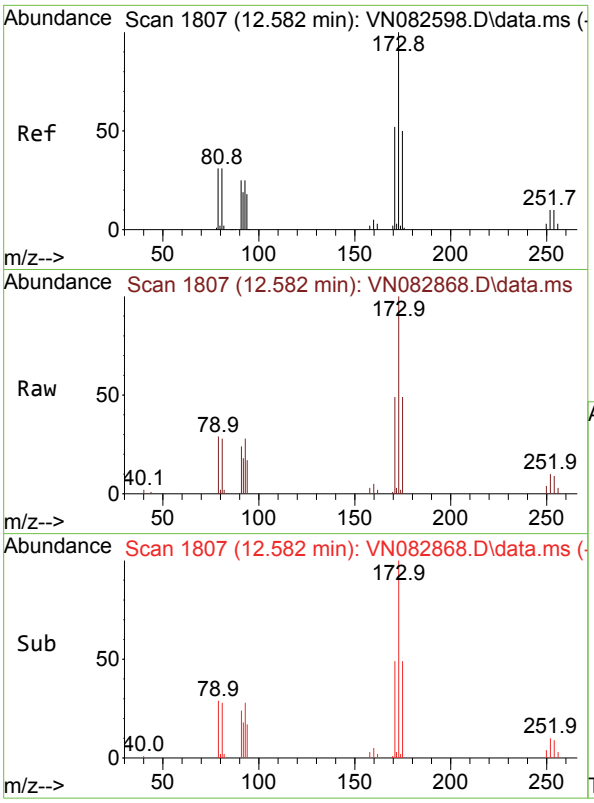


#70
Styrene
Concen: 18.665 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:104 Resp: 89307

Ion	Ratio	Lower	Upper
104	100		
78	50.2	41.6	62.4
103	56.6	44.0	66.0



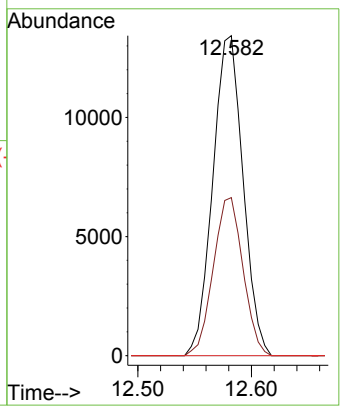


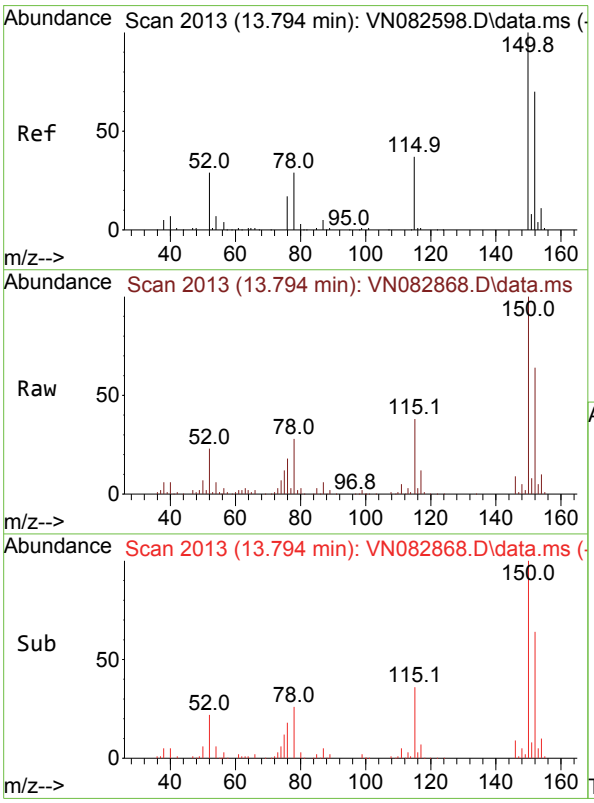
#71
Bromoform
Concen: 18.617 ug/l
RT: 12.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 24804

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.0	72.0
254	0.0	0.0	0.0

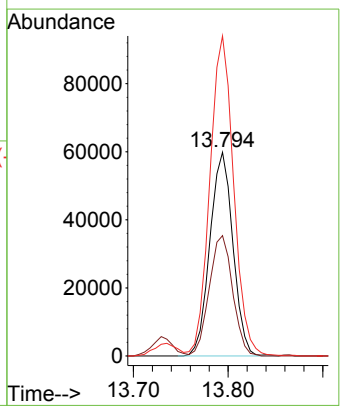


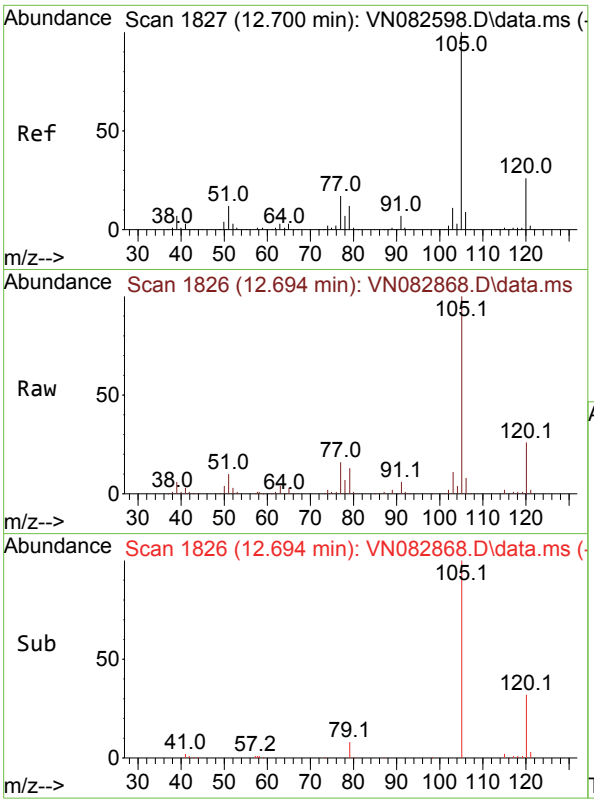


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:152 Resp: 100916

Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.6	91.6
150	162.5	0.0	348.6



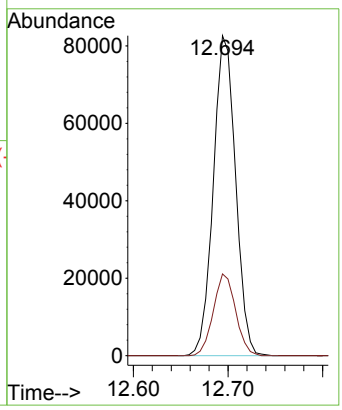


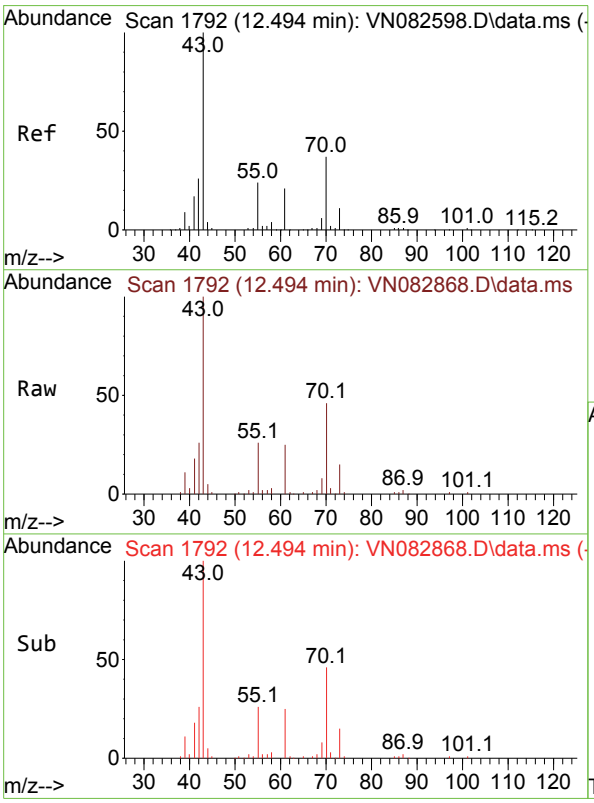
#73
Isopropylbenzene
Concen: 18.414 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 135030

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.9	38.6

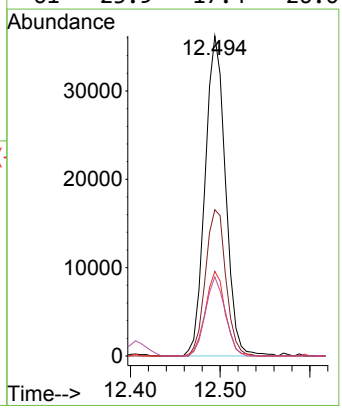


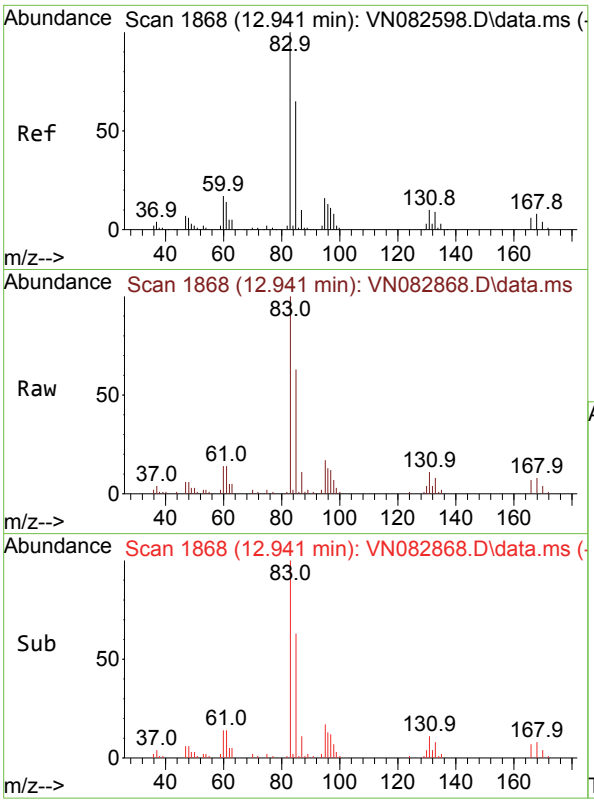


#74
N-amyl acetate
Concen: 18.860 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 43 Resp: 57205

Ion	Ratio	Lower	Upper
43	100		
70	45.9	29.8	44.6#
55	25.7	18.7	28.1
61	23.9	17.4	26.0



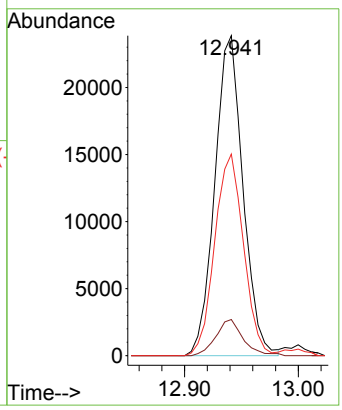


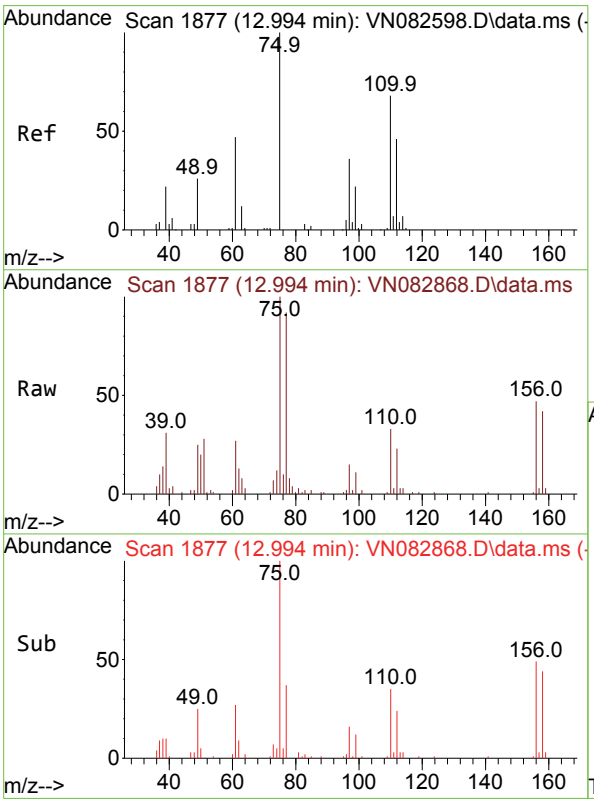
#75
1,1,2,2-Tetrachloroethane
Concen: 18.727 ug/l
RT: 12.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 41128

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.0	14.9
85	64.2	31.9	95.7

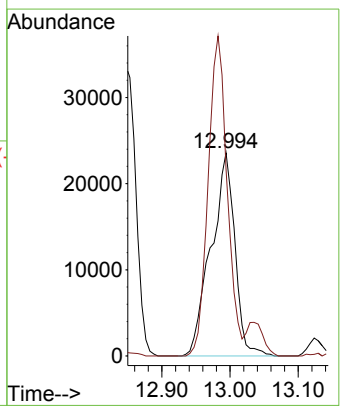


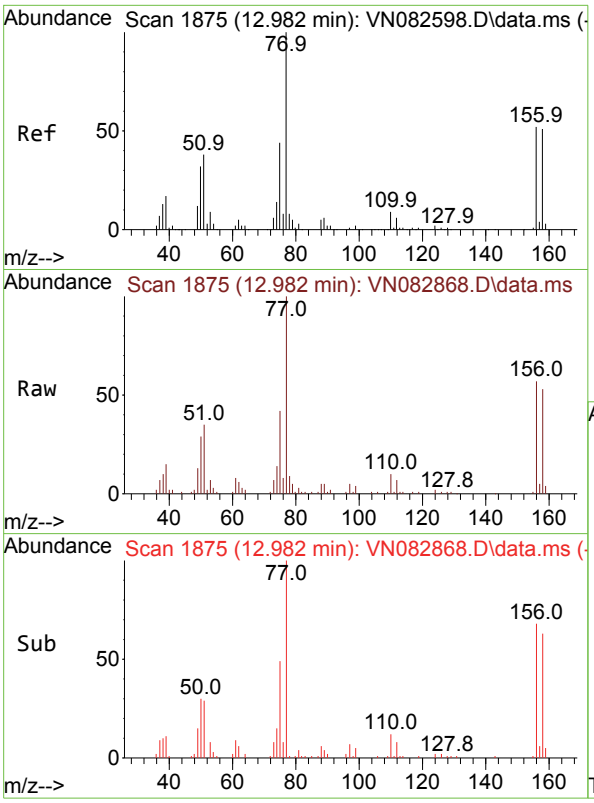


#76
1,2,3-Trichloropropane
Concen: 32.972 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 75 Resp: 57366

Ion	Ratio	Lower	Upper
75	100		
77	125.8	110.9	332.6



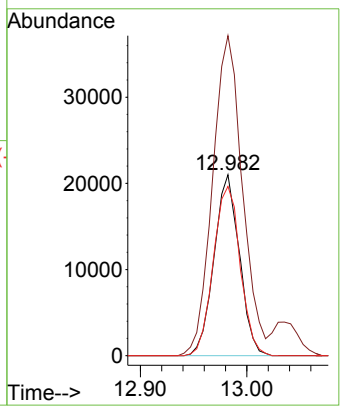


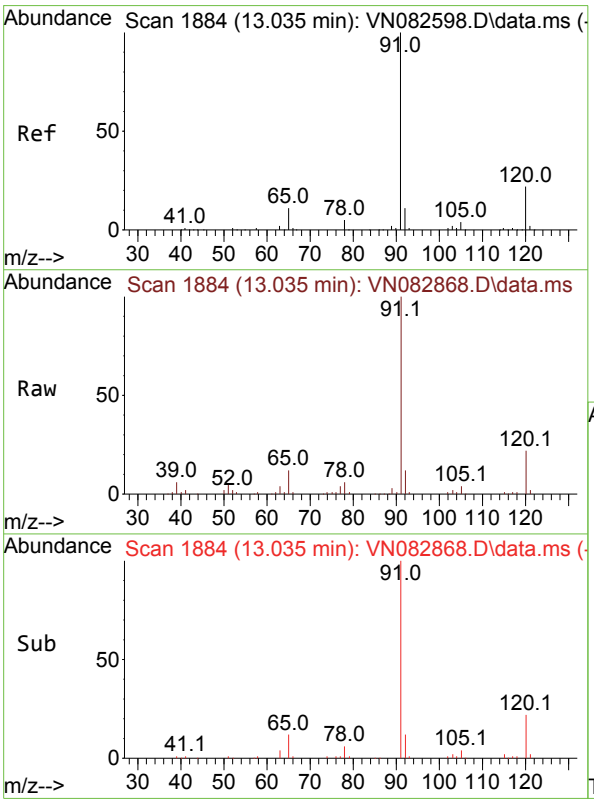
#77
Bromobenzene
Concen: 18.334 ug/l
RT: 12.982 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:156 Resp: 34683

Ion	Ratio	Lower	Upper
156	100		
77	208.1	111.3	333.8
158	99.2	48.3	144.9

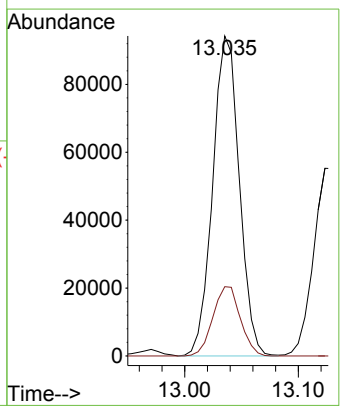


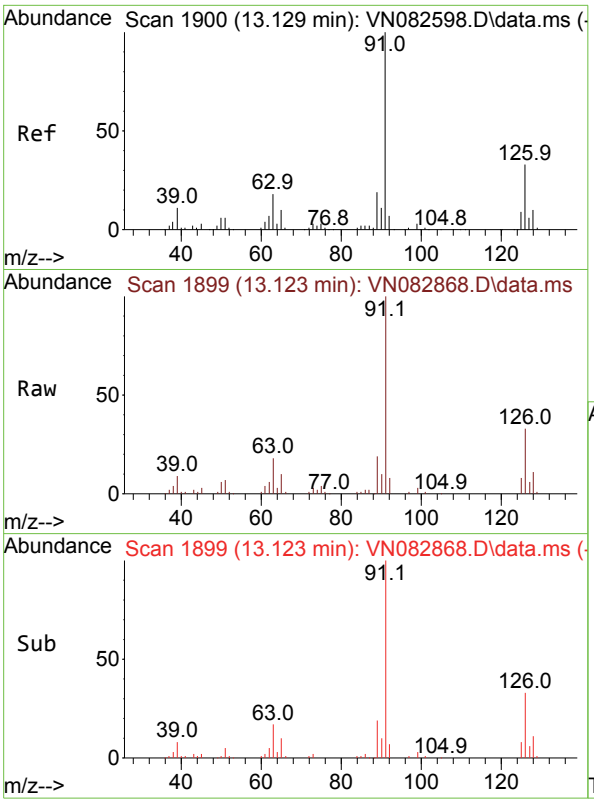


#78
n-propylbenzene
Concen: 18.192 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 91 Resp: 153384

Ion	Ratio	Lower	Upper
91	100		
120	22.3	10.9	32.9



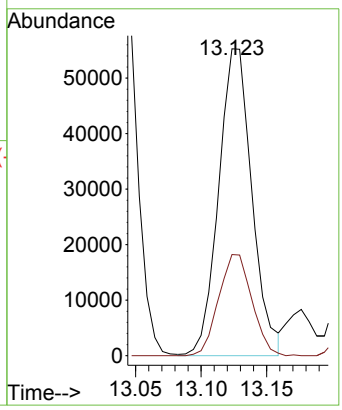


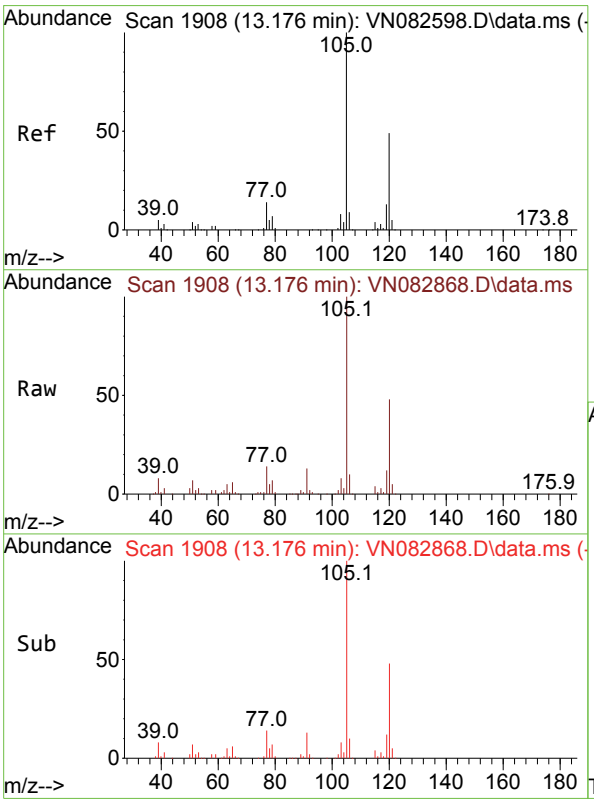
#79
2-Chlorotoluene
Concen: 18.191 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 97725

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.2	48.6

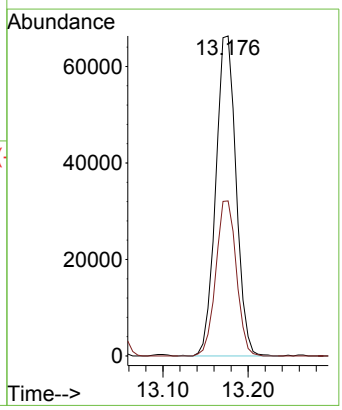


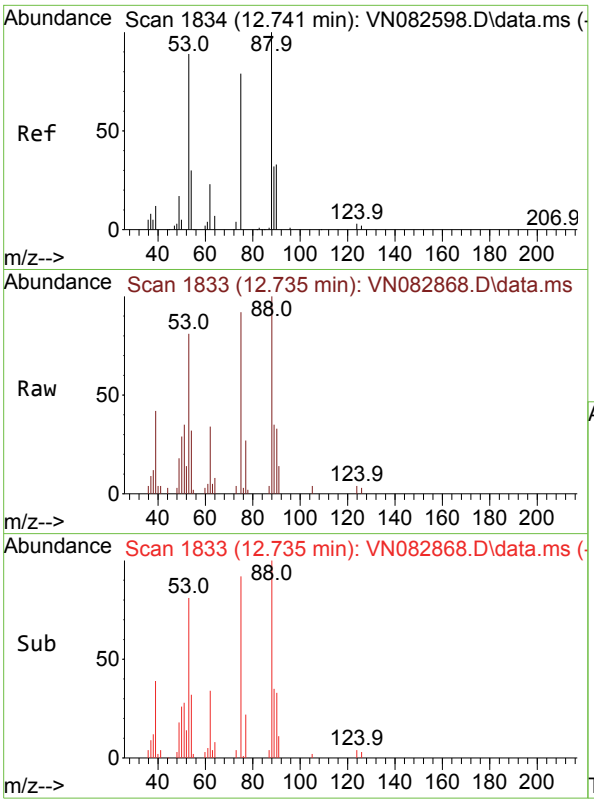


#80
1,3,5-Trimethylbenzene
Concen: 18.560 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:105 Resp: 110012

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.3	72.8



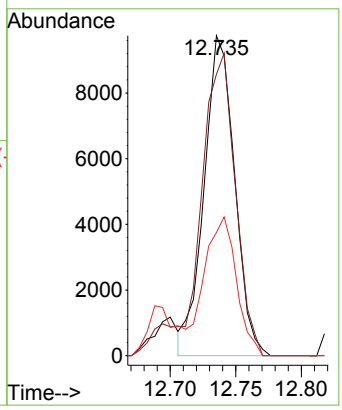


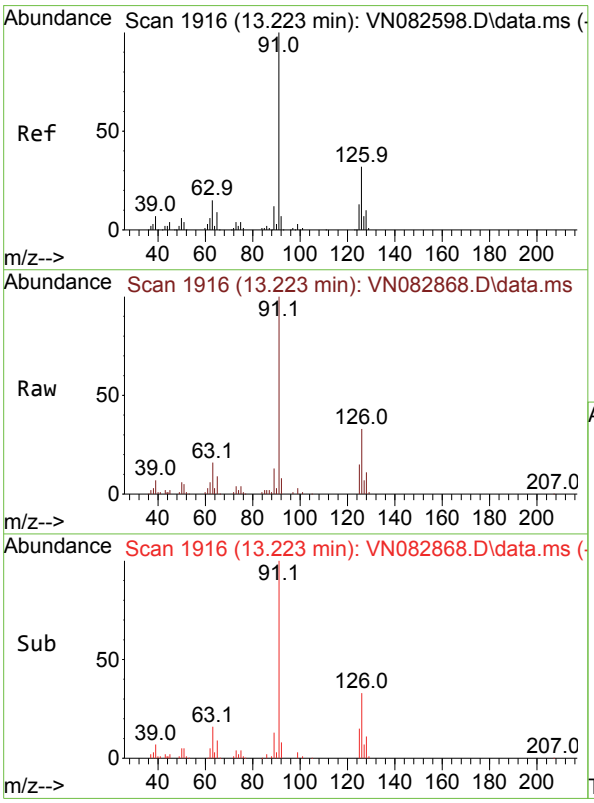
#81
trans-1,4-Dichloro-2-butene
Concen: 17.891 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 15827

Ion	Ratio	Lower	Upper
75	100		
53	103.1	88.4	132.6
89	45.4	36.3	54.5

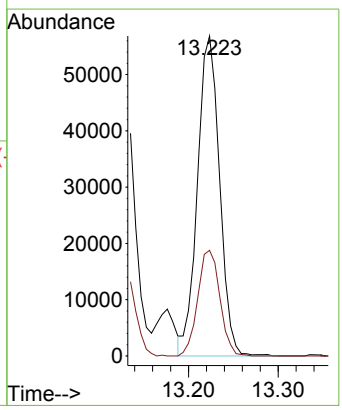


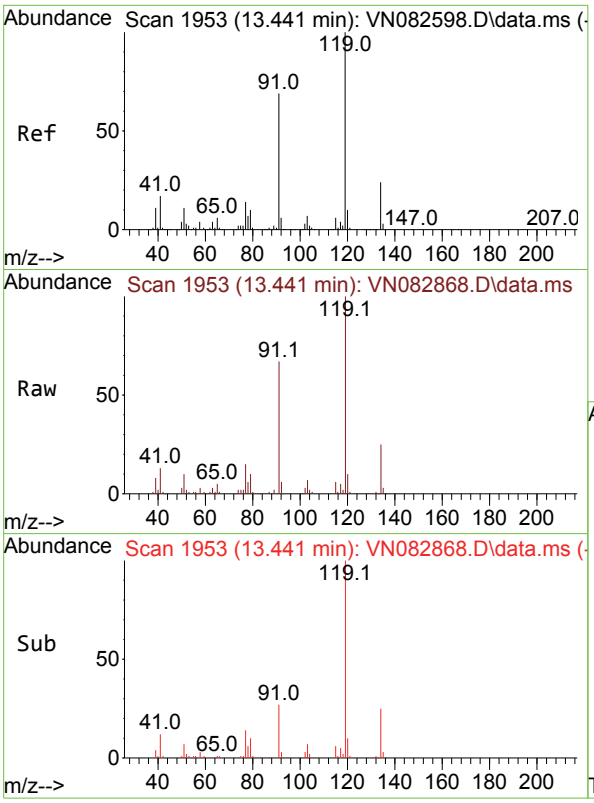


#82
4-Chlorotoluene
Concen: 18.303 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 91 Resp: 97323

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.2	48.6



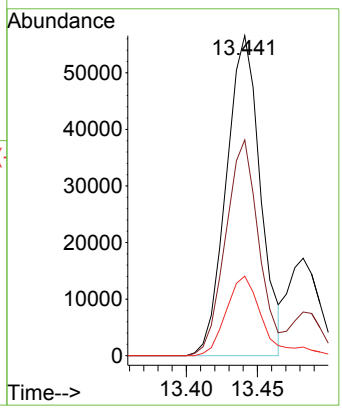


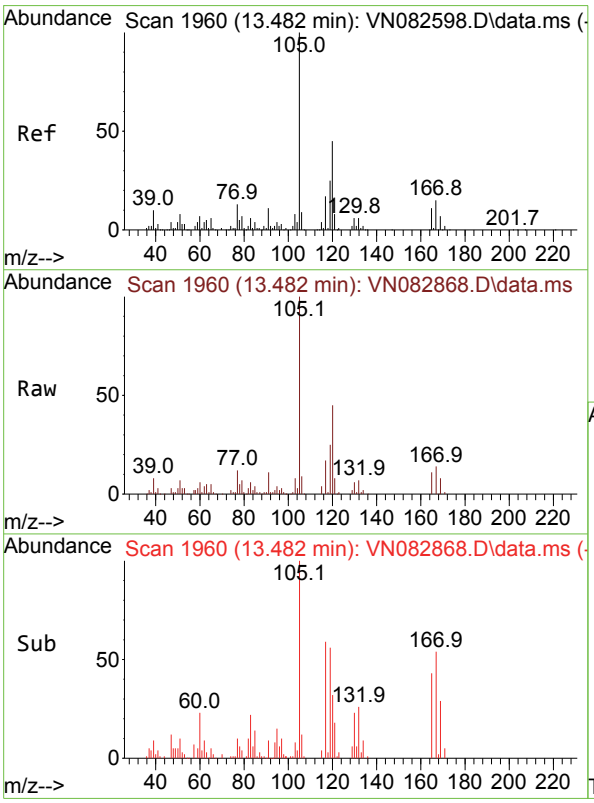
#83
tert-Butylbenzene
Concen: 17.944 ug/l
RT: 13.441 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 94293

Ion	Ratio	Lower	Upper
119	100		
91	65.6	35.0	105.1
134	26.7	13.3	39.8

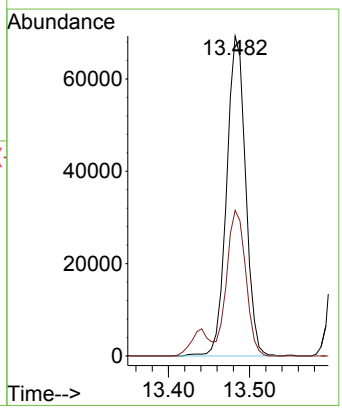


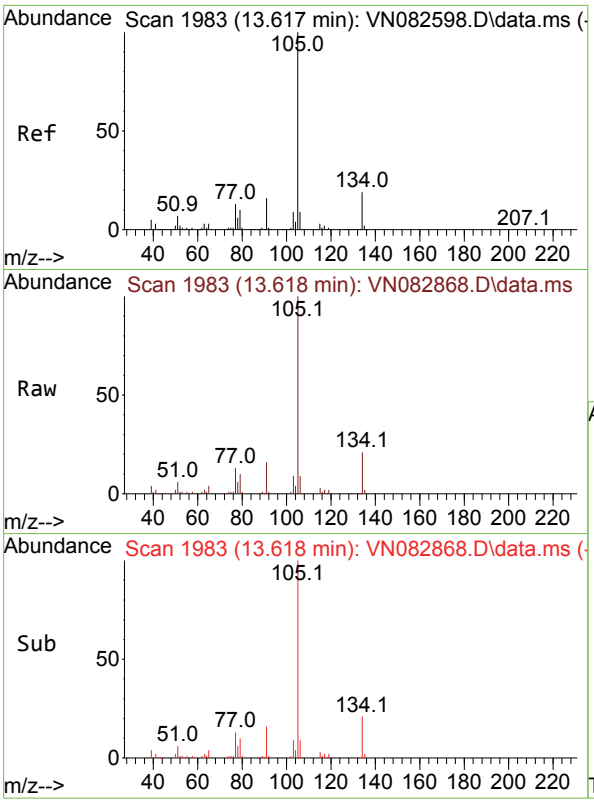


#84
1,2,4-Trimethylbenzene
Concen: 18.568 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:105 Resp: 112175

Ion	Ratio	Lower	Upper
105	100		
120	46.2	21.9	65.8



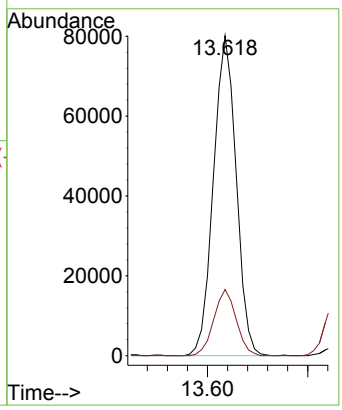


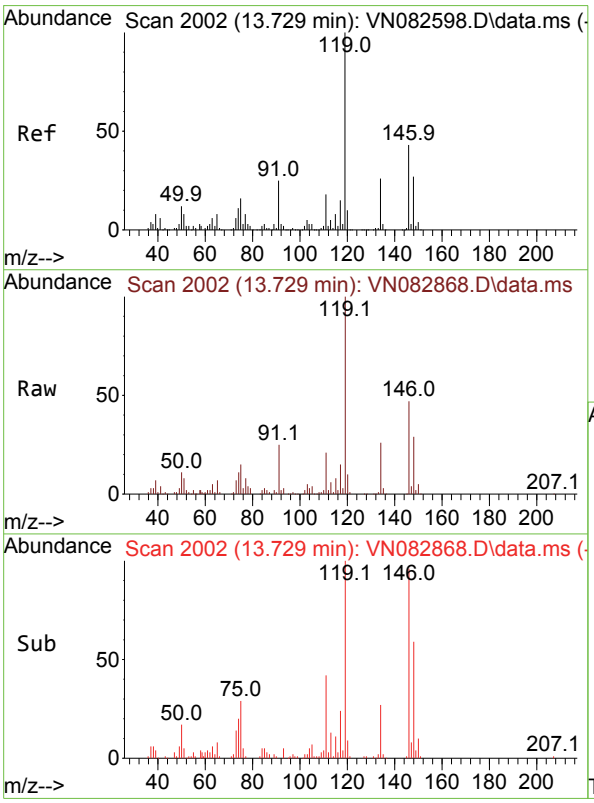
#85
sec-Butylbenzene
Concen: 17.747 ug/l
RT: 13.618 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 126026

Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.8	29.3

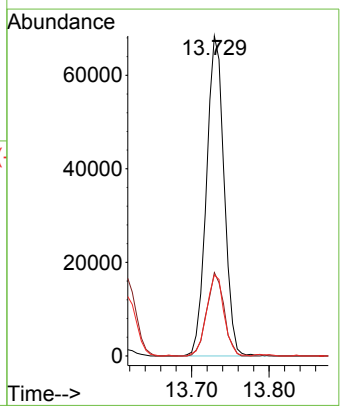


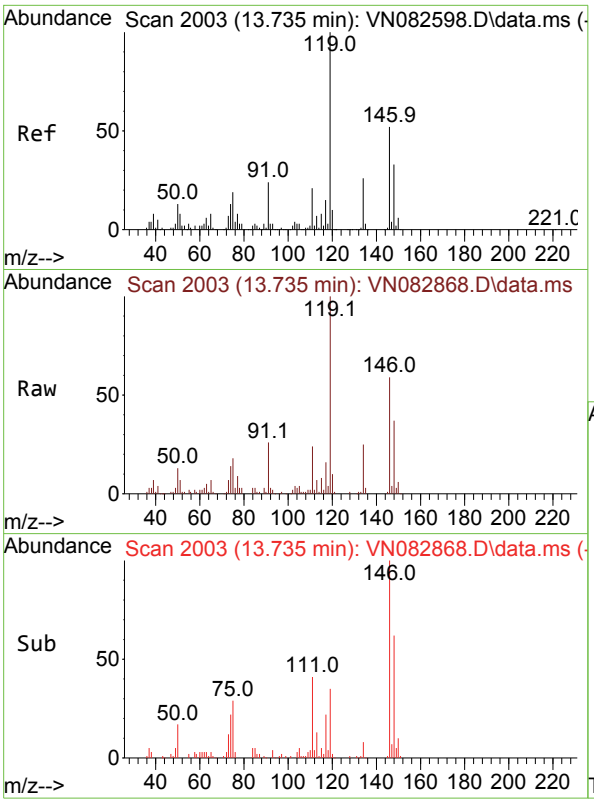


#86
p-Isopropyltoluene
Concen: 18.211 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:119 Resp: 107895

Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.0	39.0
91	25.2	12.3	36.9



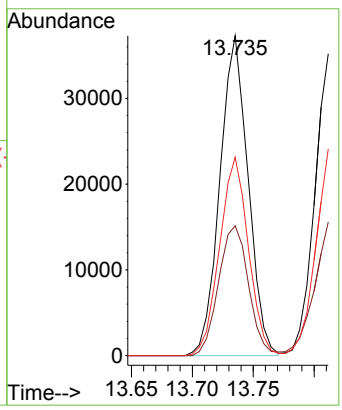


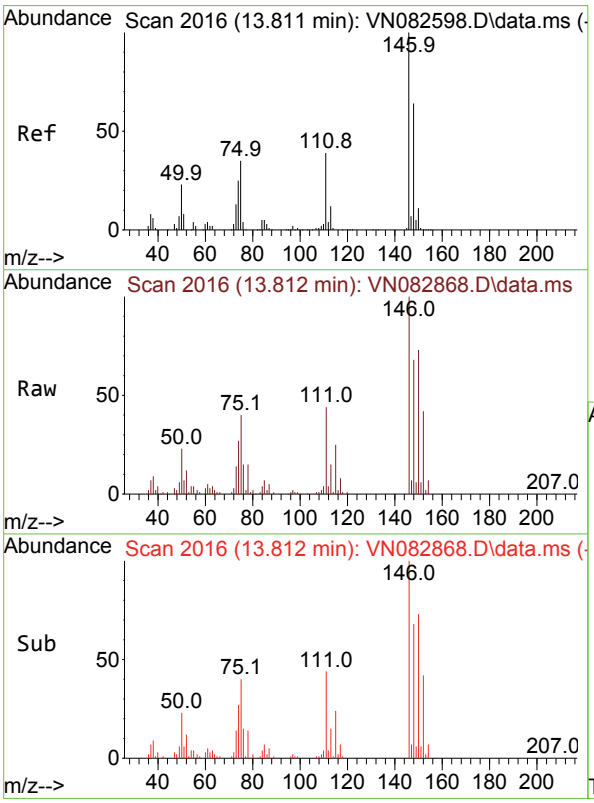
#87
1,3-Dichlorobenzene
Concen: 17.601 ug/l
RT: 13.735 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 60150

Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.6	61.9
148	63.5	31.8	95.3

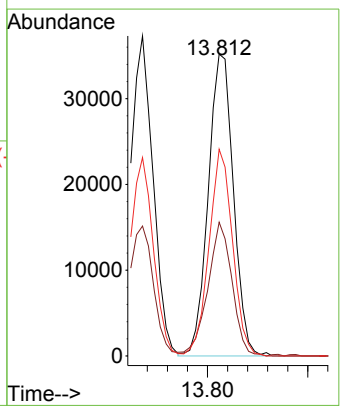


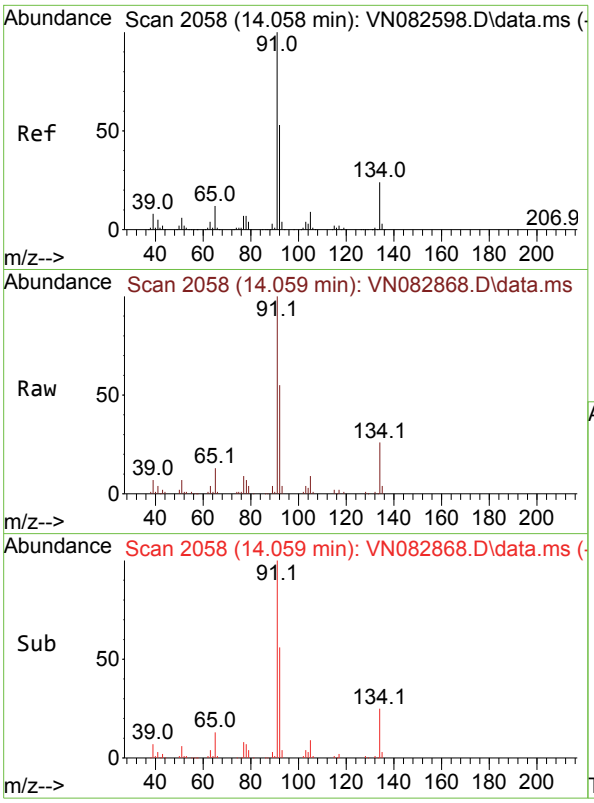


#88
1,4-Dichlorobenzene
Concen: 17.355 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:146 Resp: 61338

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.1	60.3
148	64.2	32.2	96.6



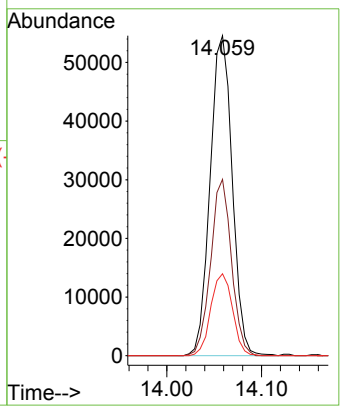


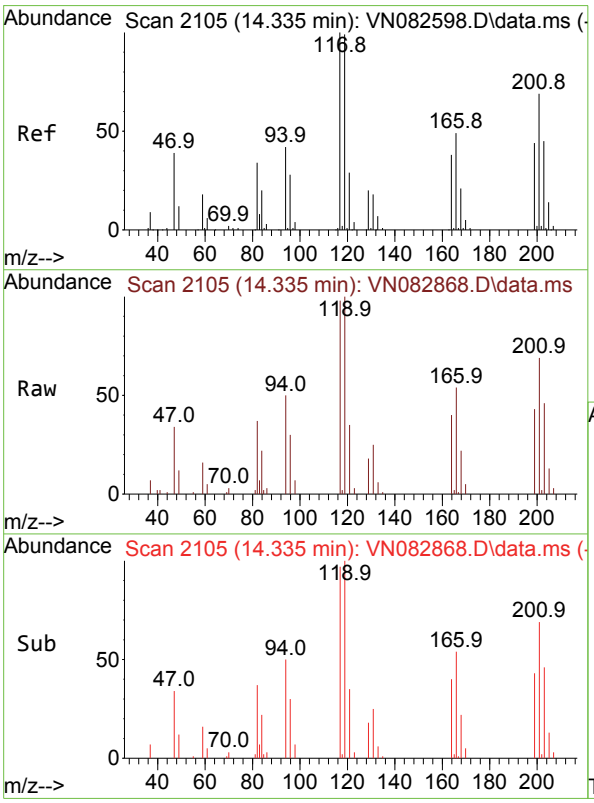
#89
n-Butylbenzene
Concen: 17.432 ug/l
RT: 14.059 min Scan# 2
Delta R.T. 0.001 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 88484

Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.1	78.3
134	25.2	12.1	36.3

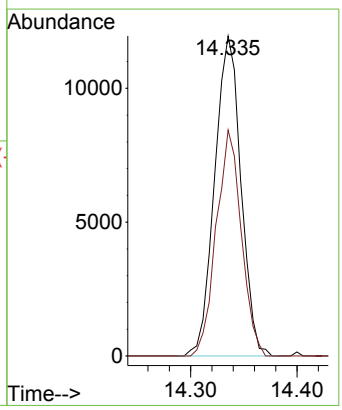


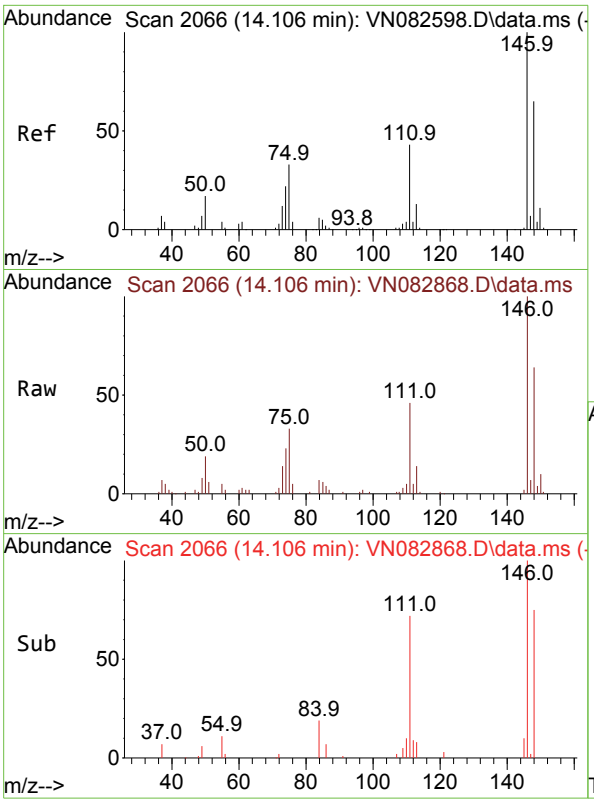


#90
Hexachloroethane
Concen: 16.301 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:117 Resp: 20436

Ion	Ratio	Lower	Upper
117	100		
201	67.5	35.8	107.3



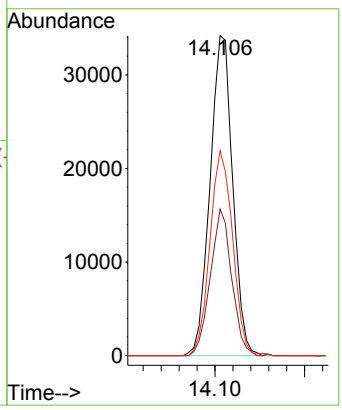


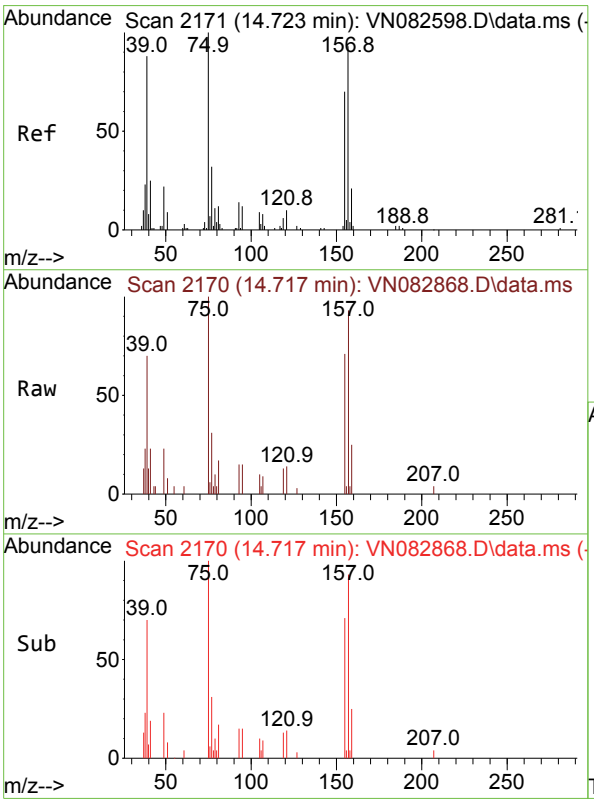
#91
1,2-Dichlorobenzene
Concen: 18.029 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 59821

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.4	64.2
148	64.5	32.1	96.5

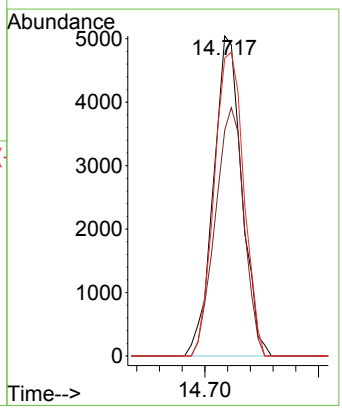


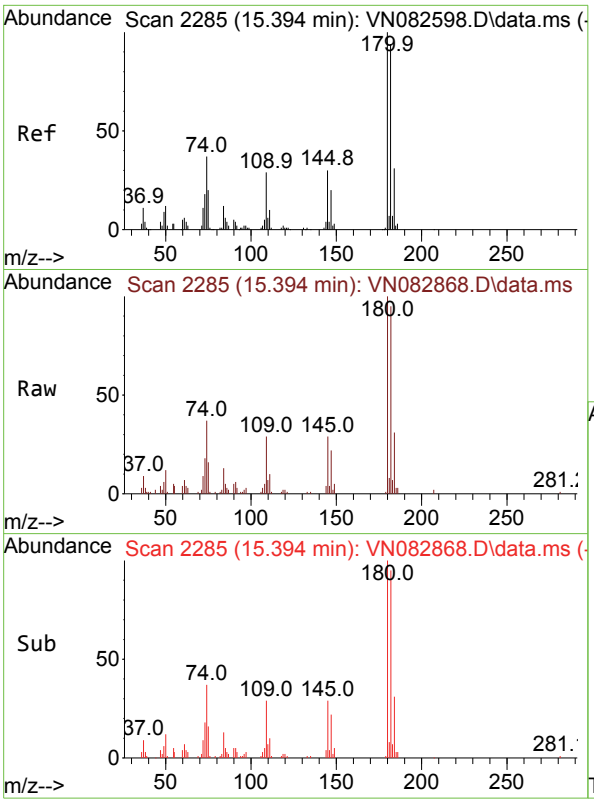


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.174 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion: 75 Resp: 8726

Ion	Ratio	Lower	Upper
75	100		
155	78.8	36.6	109.8
157	99.5	46.9	140.6



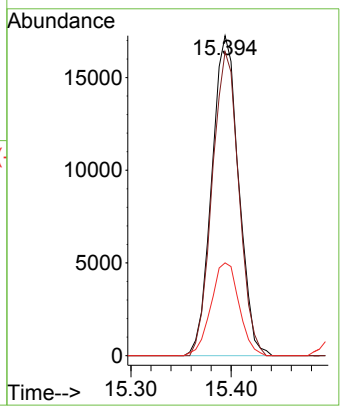


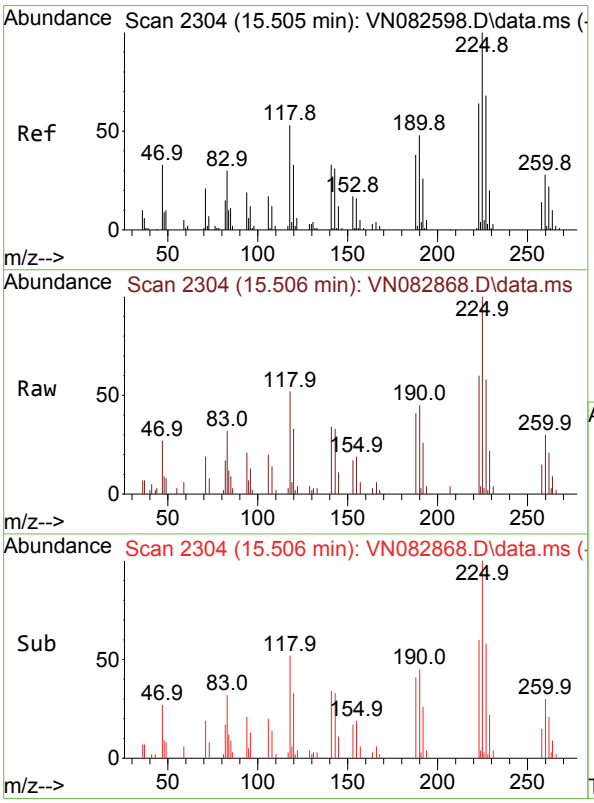
#93
1,2,4-Trichlorobenzene
Concen: 17.949 ug/l
RT: 15.394 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 32080

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	141.8
145	30.4	15.7	47.1

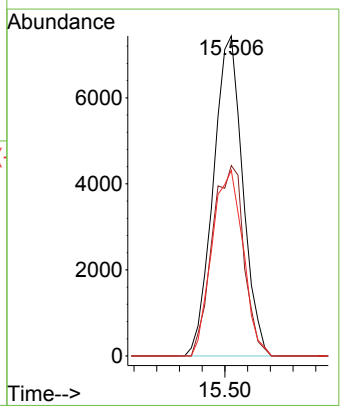


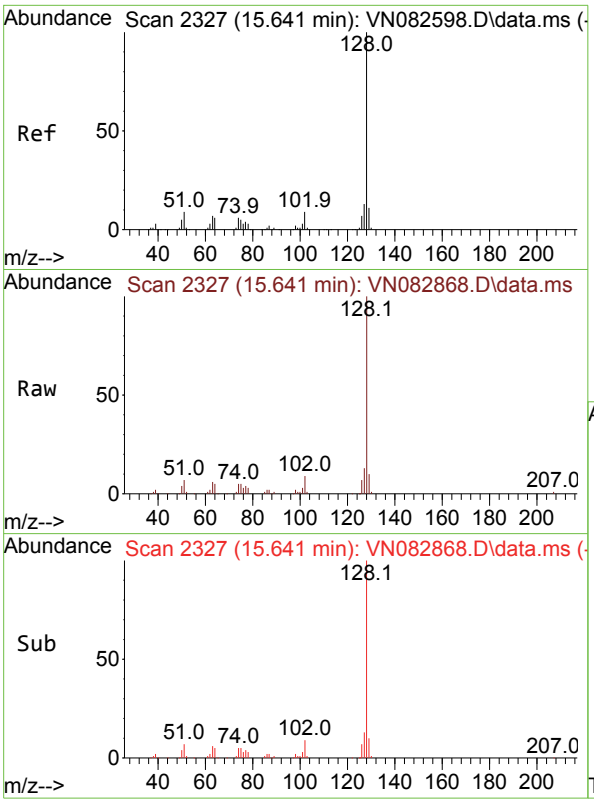


#94
Hexachlorobutadiene
Concen: 16.907 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:225 Resp: 13396

Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.9	95.7
227	61.4	32.5	97.5



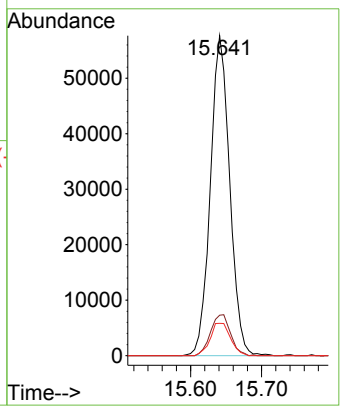


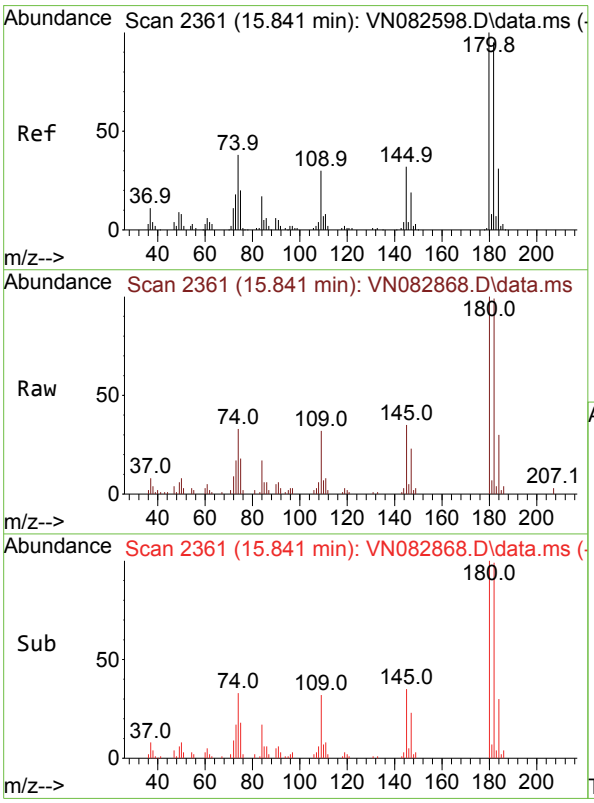
#95
Naphthalene
Concen: 17.822 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

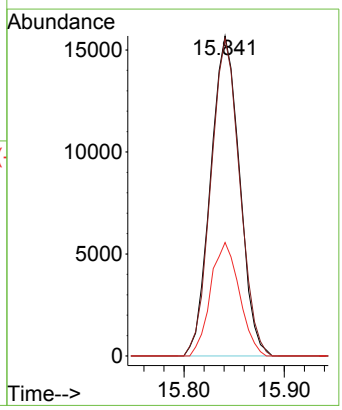
Tgt Ion:128 Resp: 109099

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.7	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 17.126 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082868.D
Acq: 11 Jul 2024 11:54

Tgt Ion:180 Resp: 31472

Ion	Ratio	Lower	Upper
180	100		
182	98.7	48.9	146.8
145	35.2	16.8	50.4