Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
Data File : VN065932.D
Acq On : 18 Feb 2021 11:16
Operator : JC/MD
Sample : VN0218WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Feb 19 00:13:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.627	168	161976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	277902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	257721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	110035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	115685	51.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.14%			
35) Dibromofluoromethane	7.550	113	88846	51.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.32%			
50) Toluene-d8	10.058	98	362674	51.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.74%			
62) 4-Bromofluorobenzene	12.373	95	129945	49.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.846	85	38852	18.32	ug/l	98
3) Chloromethane	2.049	50	48283	18.17	ug/l	98
4) Vinyl Chloride	2.177	62	48155	18.40	ug/l	100
5) Bromomethane	2.531	94	31949	19.92	ug/l	97
6) Chloroethane	2.679	64	27802	18.83	ug/l	99
7) Trichlorofluoromethane	2.997	101	63622	19.52	ug/l	98
8) Diethyl Ether	3.383	74	22816	19.08	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.721	101	32877	19.07	ug/l	98
10) Methyl Iodide	3.910	142	49800	18.50	ug/l	98
11) Tert butyl alcohol	4.775	59	30110	95.60	ug/l	98
12) 1,1-Dichloroethene	3.695	96	34098	18.74	ug/l	95
13) Acrolein	3.576	56	27034	93.79	ug/l	95
14) Allyl chloride	4.277	41	57040	18.37	ug/l	93
15) Acrylonitrile	4.946	53	83738	95.88	ug/l	99
16) Acetone	3.788	43	69056	96.06	ug/l	99
17) Carbon Disulfide	4.010	76	93271	18.00	ug/l	100
18) Methyl Acetate	4.293	43	35865	19.16	ug/l	96
19) Methyl tert-butyl Ether	5.007	73	108413	18.52	ug/l	99
20) Methylene Chloride	4.505	84	39685	18.89	ug/l	96
21) trans-1,2-Dichloroethene	4.987	96	35594	18.62	ug/l	92
22) Diisopropyl ether	5.913	45	116551	18.76	ug/l	98
23) Vinyl Acetate	5.852	43	461354	94.68	ug/l	99
24) 1,1-Dichloroethane	5.804	63	67631	18.84	ug/l	98
25) 2-Butanone	6.798	43	106180	94.70	ug/l	94
26) 2,2-Dichloropropane	6.782	77	53233	18.91	ug/l	98
27) cis-1,2-Dichloroethene	6.782	96	40754	18.71	ug/l	94
28) Bromochloromethane	7.151	49	34225	20.69	ug/l	90
29) Tetrahydrofuran	7.177	42	71400	92.50	ug/l	100
30) Chloroform	7.331	83	68151	19.22	ug/l	97
31) Cyclohexane	7.611	56	61954	18.34	ug/l	95
32) 1,1,1-Trichloroethane	7.528	97	55553	18.68	ug/l	97
36) 1,1-Dichloropropene	7.753	75	52615	19.20	ug/l	96
37) Ethyl Acetate	6.894	43	46151	18.65	ug/l	99
38) Carbon Tetrachloride	7.730	117	48354	18.99	ug/l	99
39) Methylcyclohexane	9.045	83	56641	18.39	ug/l	98
40) Benzene	8.003	78	158165	18.81	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
Data File : VN065932.D
Acq On : 18 Feb 2021 11:16
Operator : JC/MD
Sample : VN0218WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 19 00:13:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.132	41	20791	17.36	ug/l	#	100
42) 1,2-Dichloroethane	8.087	62	54131	19.59	ug/l		98
43) Isopropyl Acetate	8.132	43	74906	18.99	ug/l	#	91
44) Trichloroethene	8.801	130	39831	19.16	ug/l		93
45) 1,2-Dichloropropane	9.084	63	41802	19.42	ug/l		96
46) Dibromomethane	9.177	93	25577	19.50	ug/l		93
47) Bromodichloromethane	9.370	83	51546	19.31	ug/l		99
48) Methyl methacrylate	9.167	41	37753	18.89	ug/l		94
49) 1,4-Dioxane	9.171	88	13569	398.55	ug/l		91
51) 4-Methyl-2-Pentanone	9.952	43	229992	95.85	ug/l		100
52) Toluene	10.122	92	97913	18.96	ug/l		98
53) t-1,3-Dichloropropene	10.351	75	56283	18.35	ug/l		97
54) cis-1,3-Dichloropropene	9.807	75	62703	18.94	ug/l		98
55) 1,1,2-Trichloroethane	10.531	97	37060	19.18	ug/l		95
56) Ethyl methacrylate	10.399	69	55613	19.14	ug/l		97
57) 1,3-Dichloropropane	10.675	76	64445	18.92	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.663	63	131185	94.57	ug/l		97
59) 2-Hexanone	10.724	43	160894	94.13	ug/l		100
60) Dibromochloromethane	10.871	129	37333	18.90	ug/l		99
61) 1,2-Dibromoethane	10.974	107	38290	19.51	ug/l		98
64) Tetrachloroethene	10.601	164	38384	19.29	ug/l		94
65) Chlorobenzene	11.402	112	102328	18.99	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.476	131	37143	20.06	ug/l		97
67) Ethyl Benzene	11.479	91	182355	18.69	ug/l		98
68) m/p-Xylenes	11.592	106	138304	38.00	ug/l		97
69) o-Xylene	11.916	106	66332	18.90	ug/l		97
70) Styrene	11.936	104	110090	19.05	ug/l		97
71) Bromoform	12.097	173	23482	18.31	ug/l	#	100
73) Isopropylbenzene	12.219	105	175056	19.49	ug/l		99
74) N-amyl acetate	12.042	43	61727	19.81	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.473	83	51165	19.31	ug/l		100
76) 1,2,3-Trichloropropane	12.521	75	66045	24.99	ug/l	#	100
77) Bromobenzene	12.495	156	41183	20.04	ug/l		86
78) n-propylbenzene	12.560	91	194218	19.02	ug/l		99
79) 2-Chlorotoluene	12.643	91	123319	19.27	ug/l		95
80) 1,3,5-Trimethylbenzene	12.704	105	147872	19.38	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.270	75	15718	18.95	ug/l		97
82) 4-Chlorotoluene	12.743	91	123355	19.08	ug/l		97
83) tert-Butylbenzene	12.965	119	120779	19.16	ug/l		97
84) 1,2,4-Trimethylbenzene	13.010	105	148667	19.41	ug/l		100
85) sec-Butylbenzene	13.141	105	155753	19.03	ug/l		99
86) p-Isopropyltoluene	13.257	119	141613	19.06	ug/l		99
87) 1,3-Dichlorobenzene	13.254	146	69951	19.23	ug/l		96
88) 1,4-Dichlorobenzene	13.331	146	68040	18.31	ug/l		94
89) n-Butylbenzene	13.585	91	114349	18.25	ug/l		98
90) Hexachloroethane	13.842	117	23435	18.63	ug/l		95
91) 1,2-Dichlorobenzene	13.624	146	69876	19.16	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	9645	19.00	ug/l		82
93) 1,2,4-Trichlorobenzene	14.878	180	30960	17.42	ug/l		99
94) Hexachlorobutadiene	14.977	225	15782	18.64	ug/l		98
95) Naphthalene	15.100	128	93679	16.84	ug/l		99
96) 1,2,3-Trichlorobenzene	15.280	180	31702	17.60	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
Data File : VN065932.D
Acq On : 18 Feb 2021 11:16
Operator : JC/MD
Sample : VN0218WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 19 00:13:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

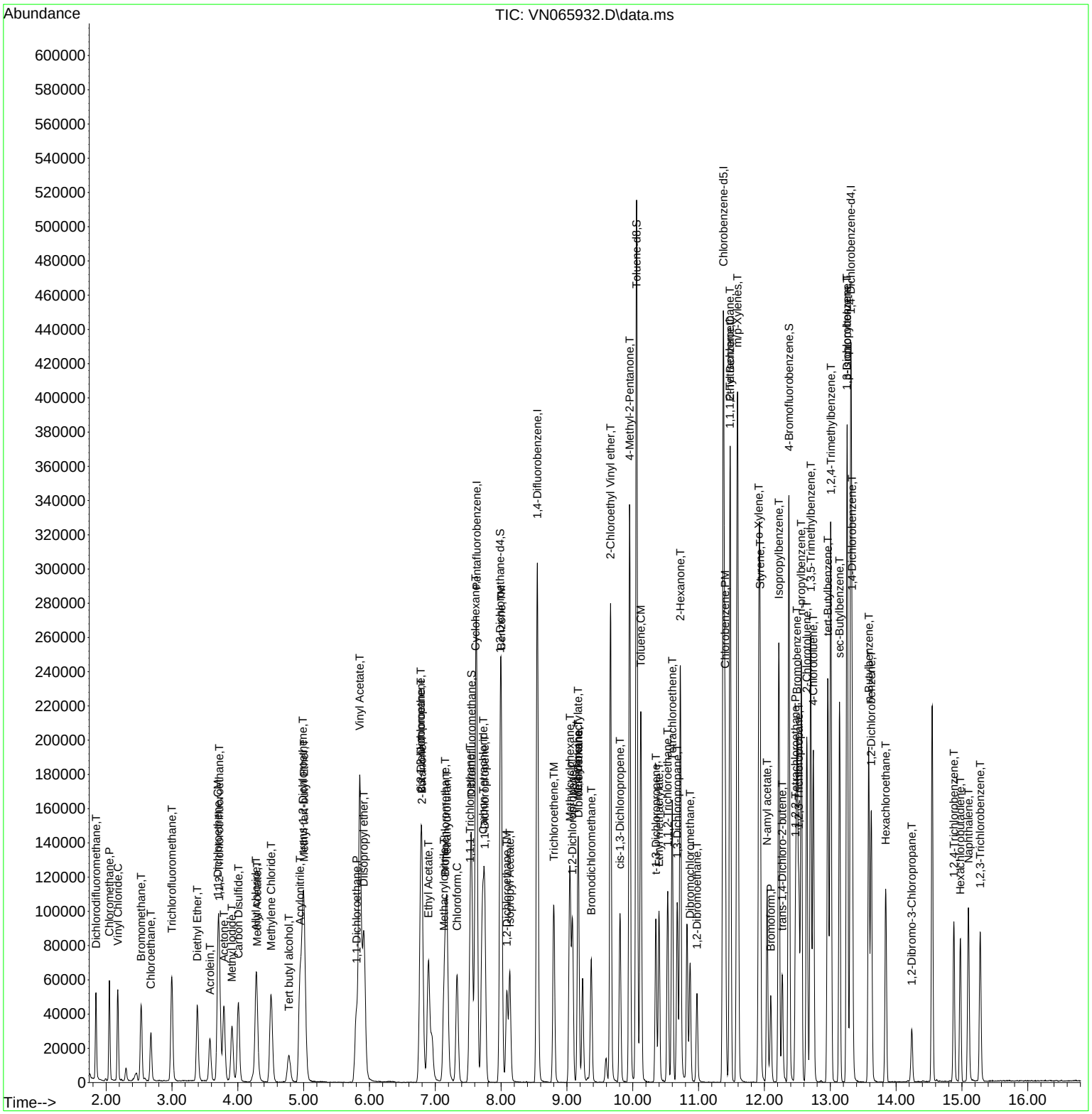
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

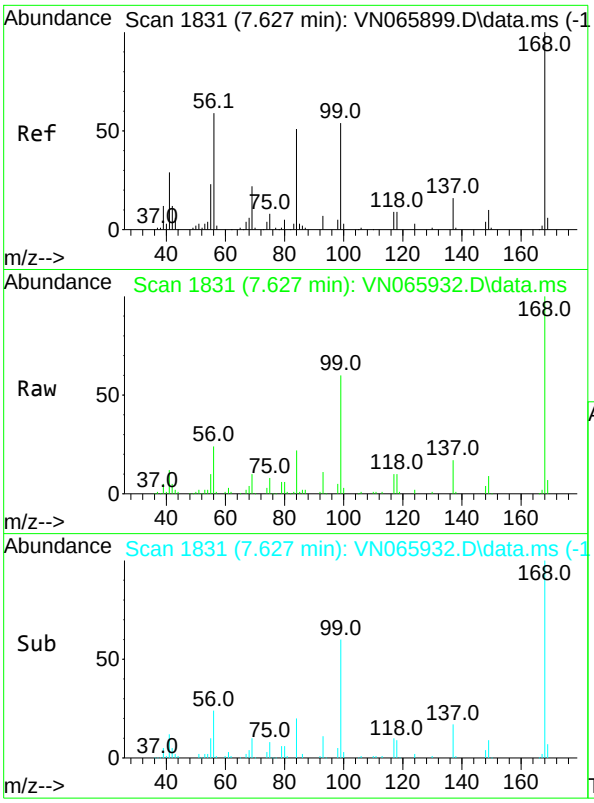
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
Data File : VN065932.D
Acq On : 18 Feb 2021 11:16
Operator : JC/MD
Sample : VN0218WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 19 00:13:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration



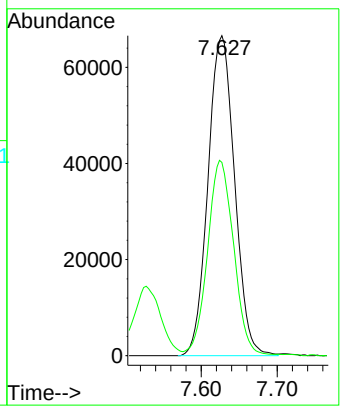
Instrument :
MSVOA_N
ClientSampleId :

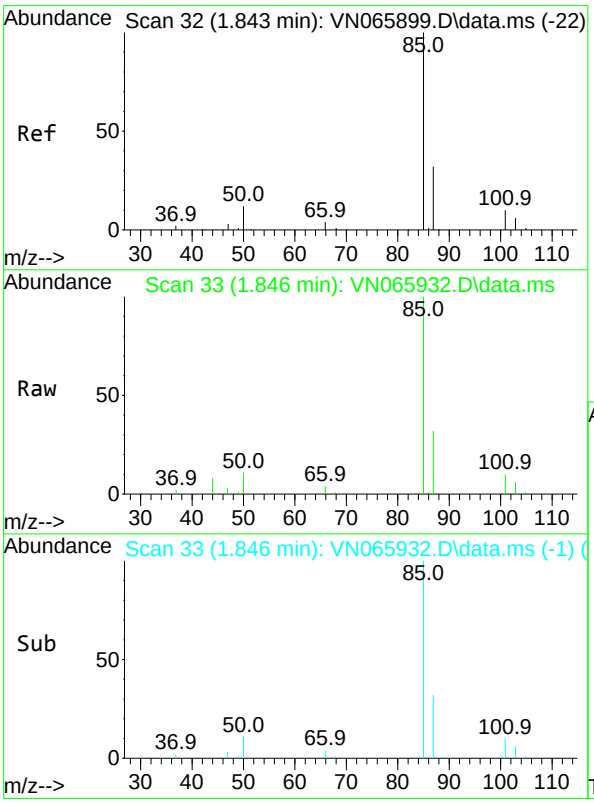


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:168 Resp: 161976

Ion	Ratio	Lower	Upper
168	100		
99	59.9	42.6	63.8

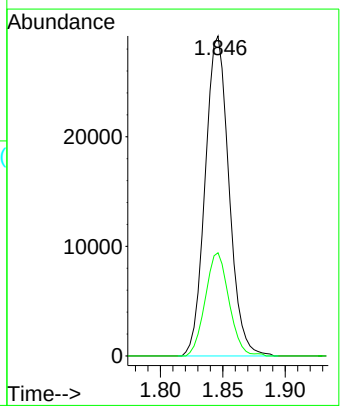




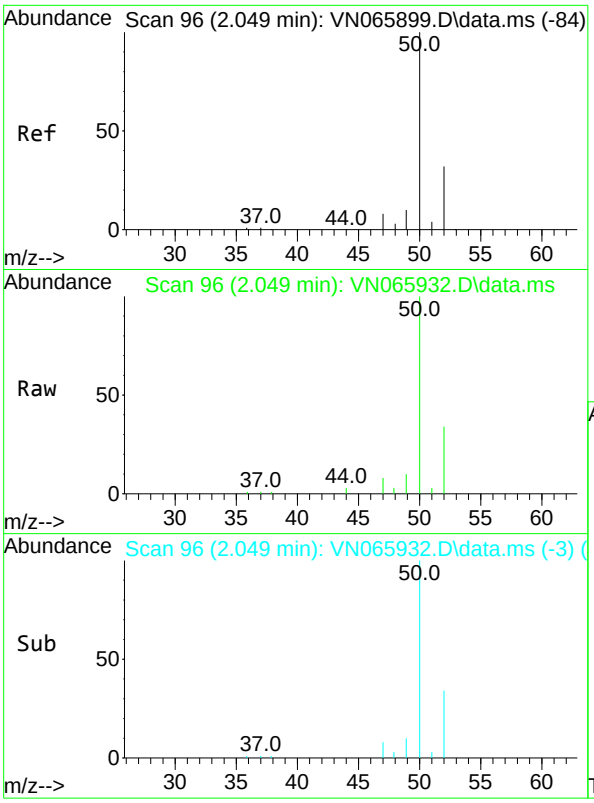
#2
Dichlorodifluoromethane
Concen: 18.32 ug/l
RT: 1.846 min Scan# 33
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 85 Resp: 38852

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.6	49.8



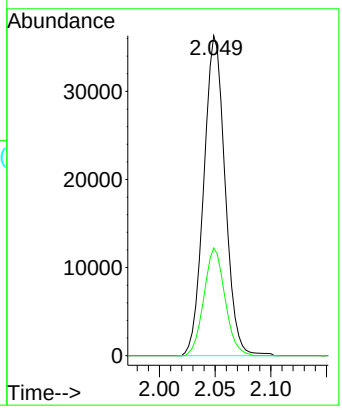
Instrument :
MSVOA_N
ClientSampleId :

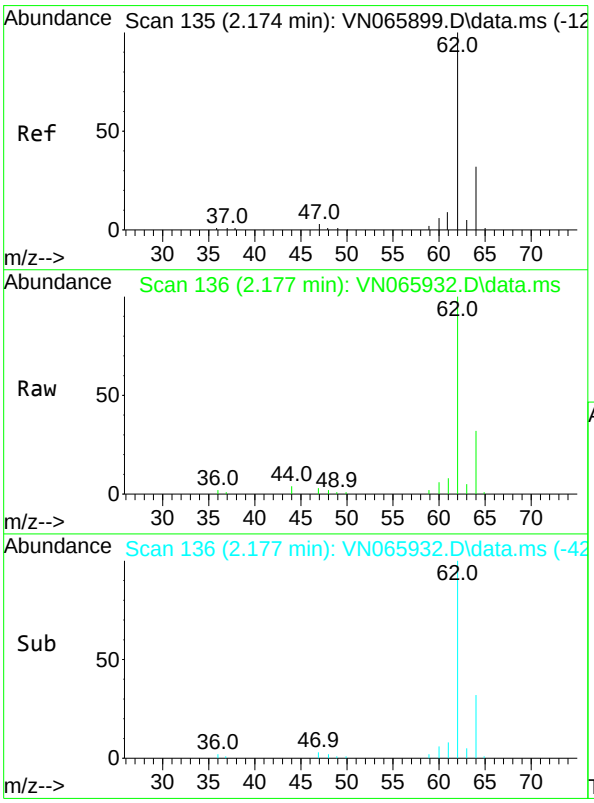


#3
Chloromethane
Concen: 18.17 ug/l
RT: 2.049 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 50 Resp: 48283

Ion	Ratio	Lower	Upper
50	100		
52	33.6	25.8	38.8

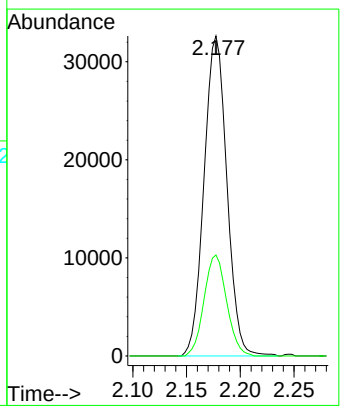




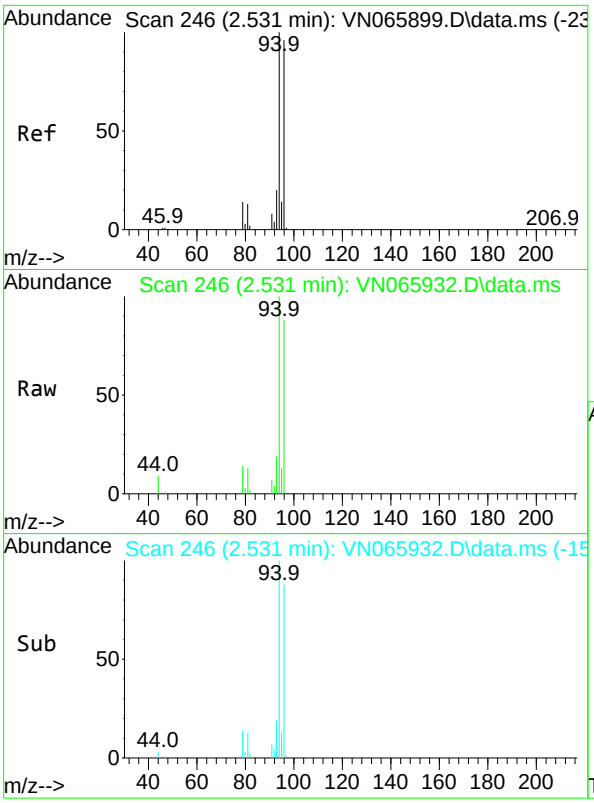
#4
Vinyl Chloride
Concen: 18.40 ug/l
RT: 2.177 min Scan# 136
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 62 Resp: 48155

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.1	37.7



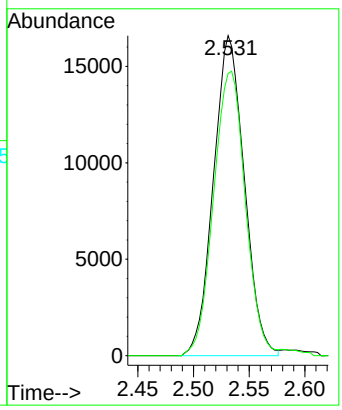
Instrument :
MSVOA_N
ClientSampleId :

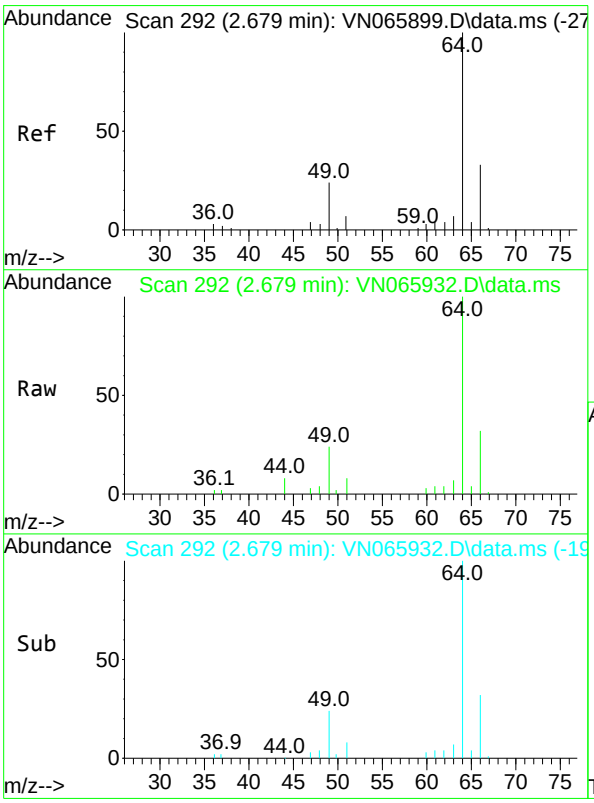


#5
Bromomethane
Concen: 19.92 ug/l
RT: 2.531 min Scan# 246
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 94 Resp: 31949

Ion	Ratio	Lower	Upper
94	100		
96	88.2	73.0	109.4

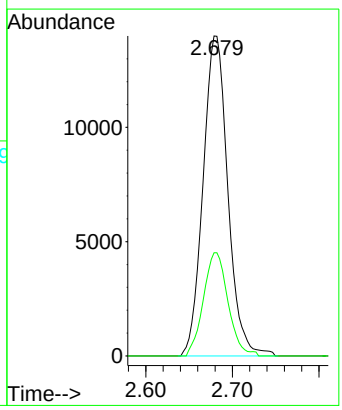




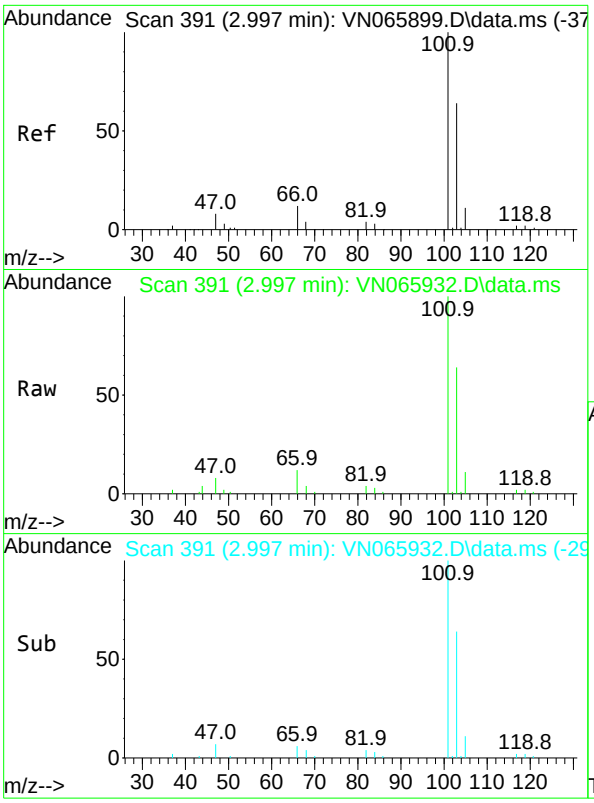
#6
Chloroethane
Concen: 18.83 ug/l
RT: 2.679 min Scan# 292
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 64 Resp: 27802

Ion	Ratio	Lower	Upper
64	100		
66	32.2	25.4	38.2



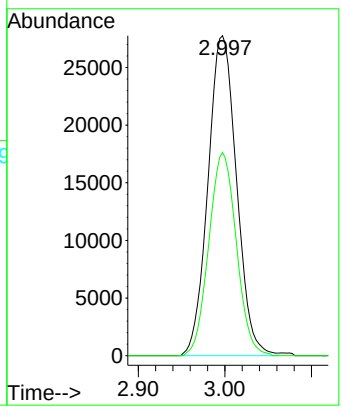
Instrument :
MSVOA_N
ClientSampleId :

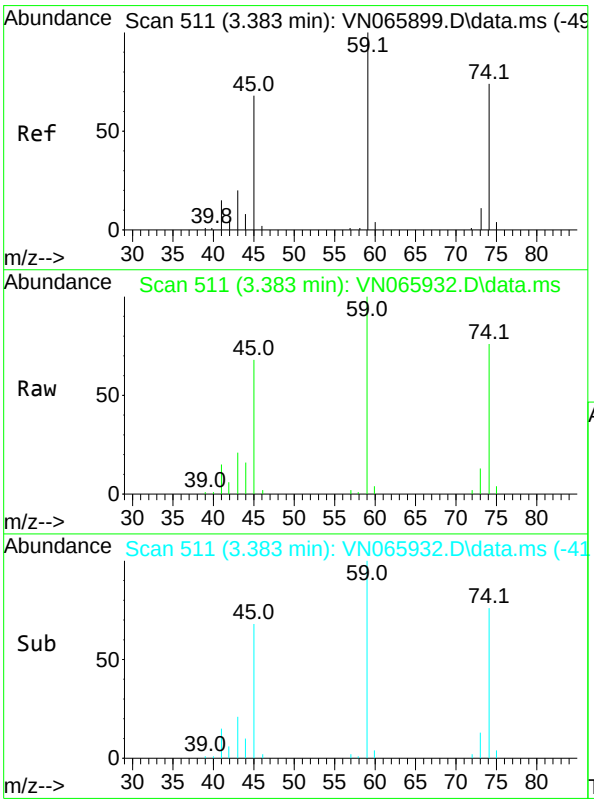


#7
Trichlorofluoromethane
Concen: 19.52 ug/l
RT: 2.997 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:101 Resp: 63622

Ion	Ratio	Lower	Upper
101	100		
103	63.5	52.1	78.1

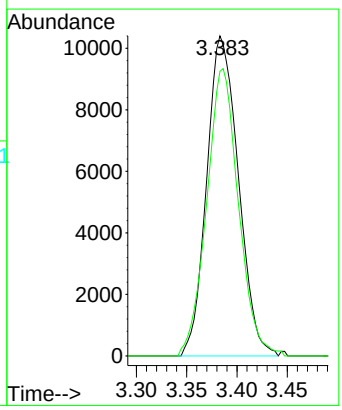


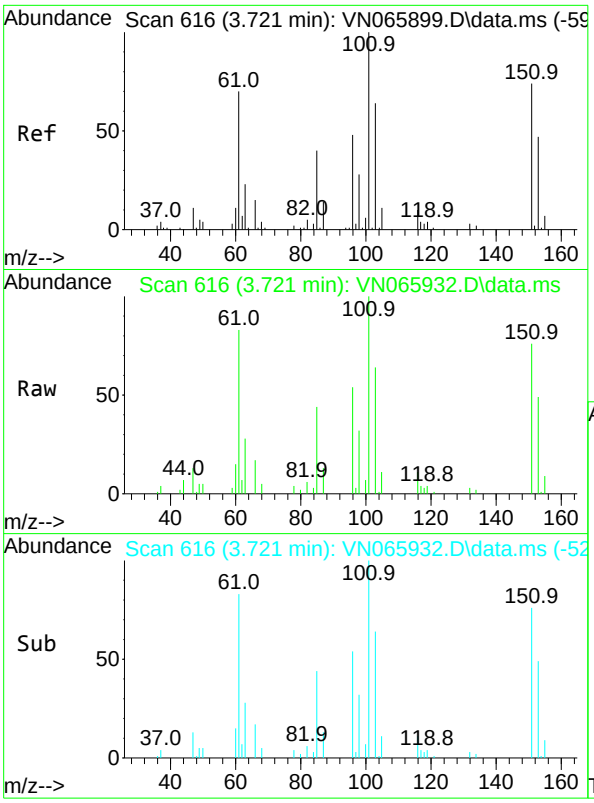


#8
Diethyl Ether
Concen: 19.08 ug/l
RT: 3.383 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 74 Resp: 22816

Ion	Ratio	Lower	Upper
74	100		
45	90.1	46.4	139.1

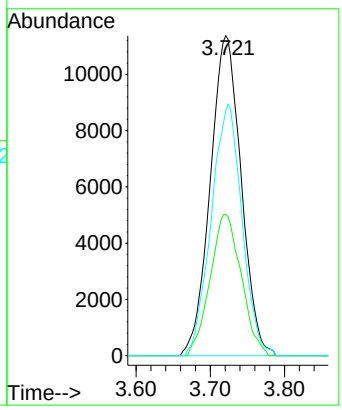




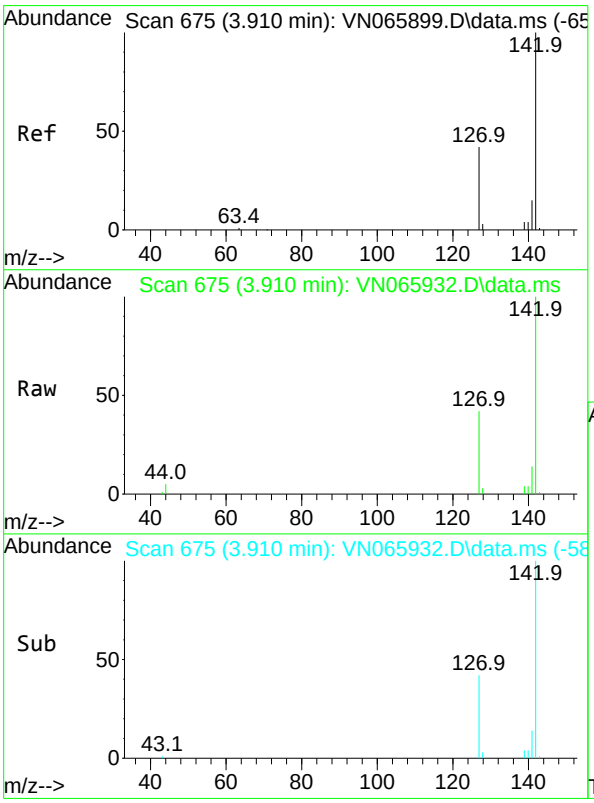
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.07 ug/l
RT: 3.721 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:101 Resp: 32877

Ion	Ratio	Lower	Upper
101	100		
85	44.5	34.6	51.8
151	78.2	63.5	95.3



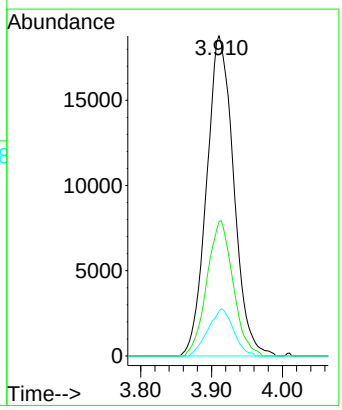
Instrument :
MSVOA_N
ClientSampleId :

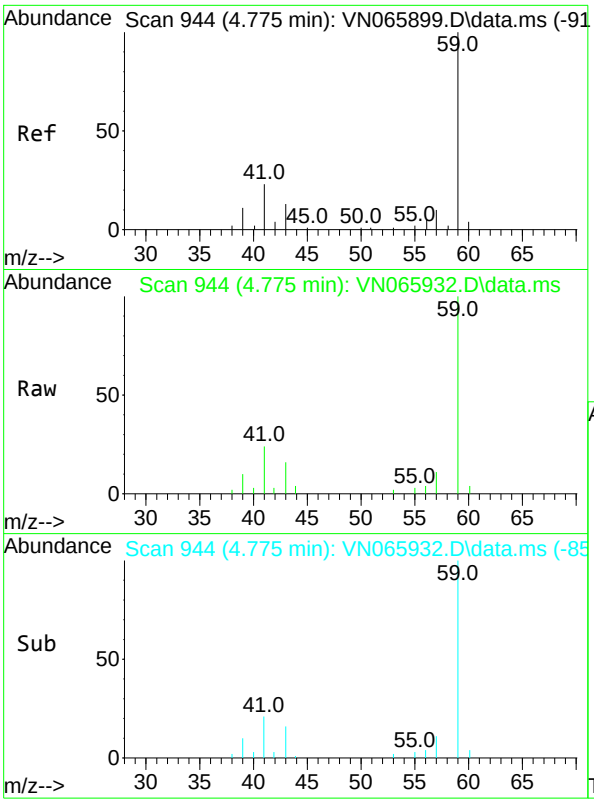


#10
Methyl Iodide
Concen: 18.50 ug/l
RT: 3.910 min Scan# 675
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:142 Resp: 49800

Ion	Ratio	Lower	Upper
142	100		
127	40.9	31.7	47.5
141	13.9	10.9	16.3

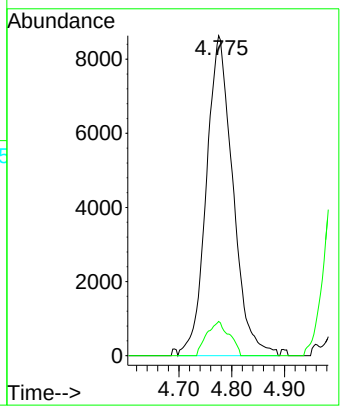




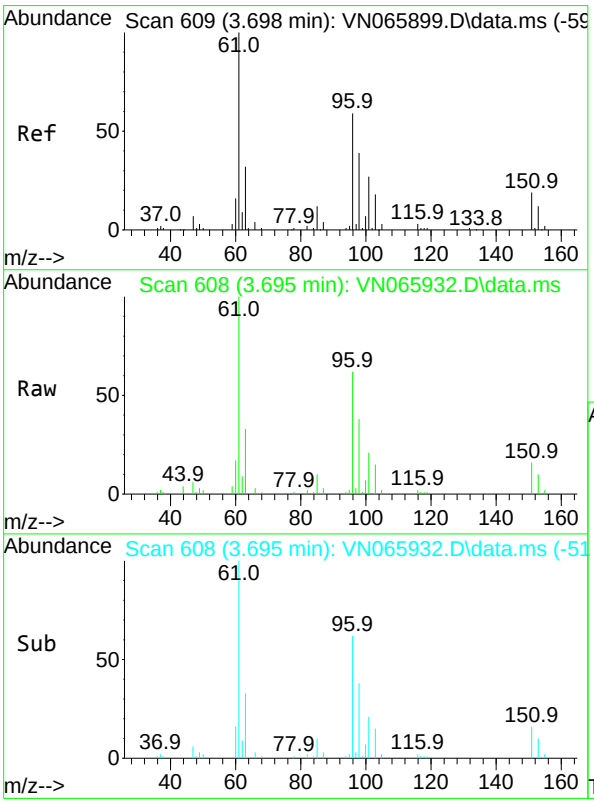
#11
Tert butyl alcohol
Concen: 95.60 ug/l
RT: 4.775 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 59 Resp: 30110

Ion	Ratio	Lower	Upper
59	100		
57	9.1	8.0	12.0



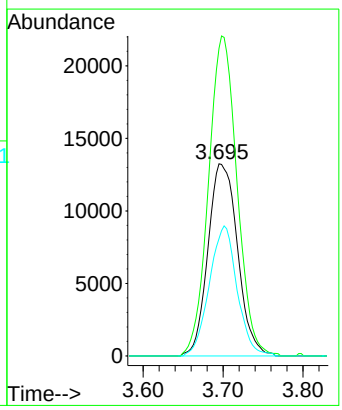
Instrument :
MSVOA_N
ClientSampleId :



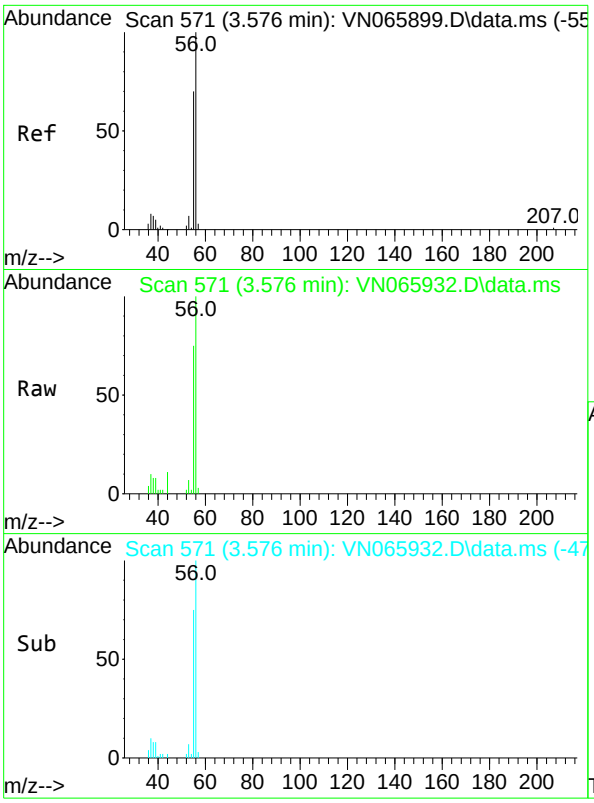
#12
1,1-Dichloroethene
Concen: 18.74 ug/l
RT: 3.695 min Scan# 608
Delta R.T. -0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 96 Resp: 34098

Ion	Ratio	Lower	Upper
96	100		
61	160.1	122.5	183.7
98	61.1	50.8	76.2



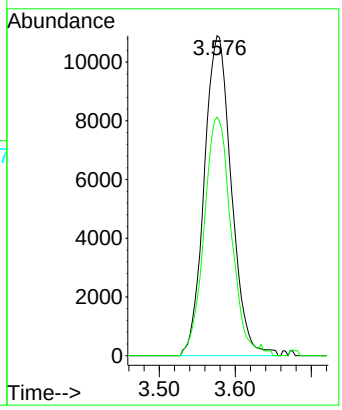
Instrument :
MSVOA_N
ClientSampleId :

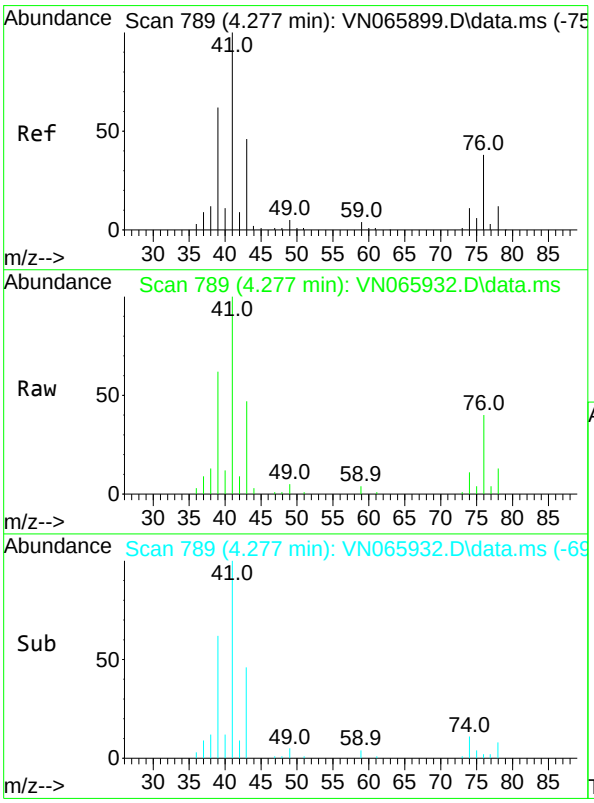


#13
Acrolein
Concen: 93.79 ug/l
RT: 3.576 min Scan# 571
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 56 Resp: 27034

Ion	Ratio	Lower	Upper
56	100		
55	73.8	56.0	84.0

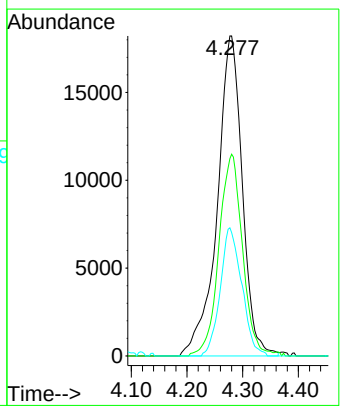




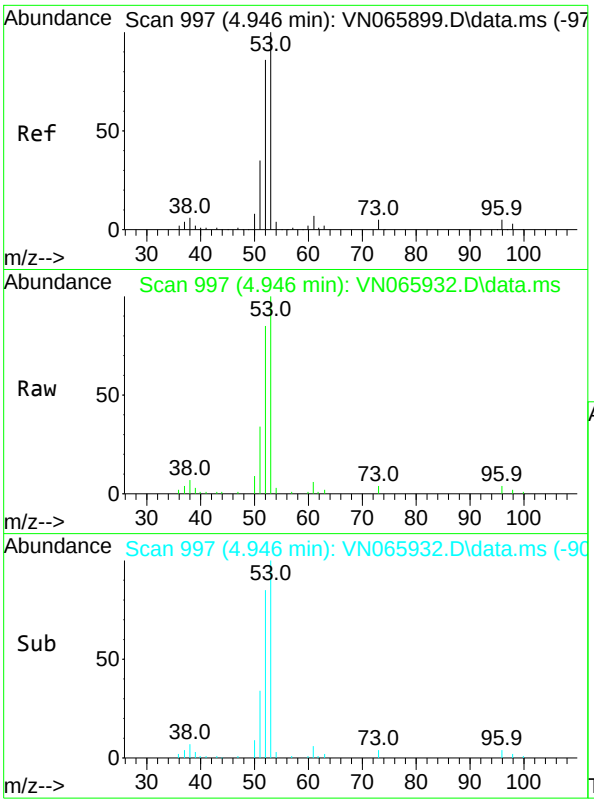
#14
Allyl chloride
Concen: 18.37 ug/l
RT: 4.277 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 41 Resp: 57040

Ion	Ratio	Lower	Upper
41	100		
39	59.3	53.0	79.4
76	34.3	28.9	43.3



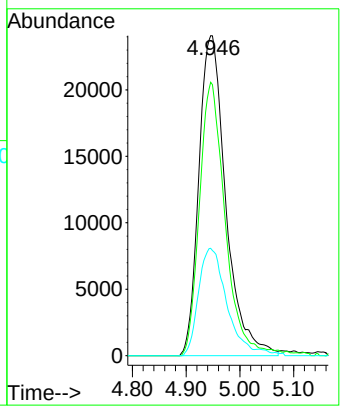
Instrument :
MSVOA_N
ClientSampleId :

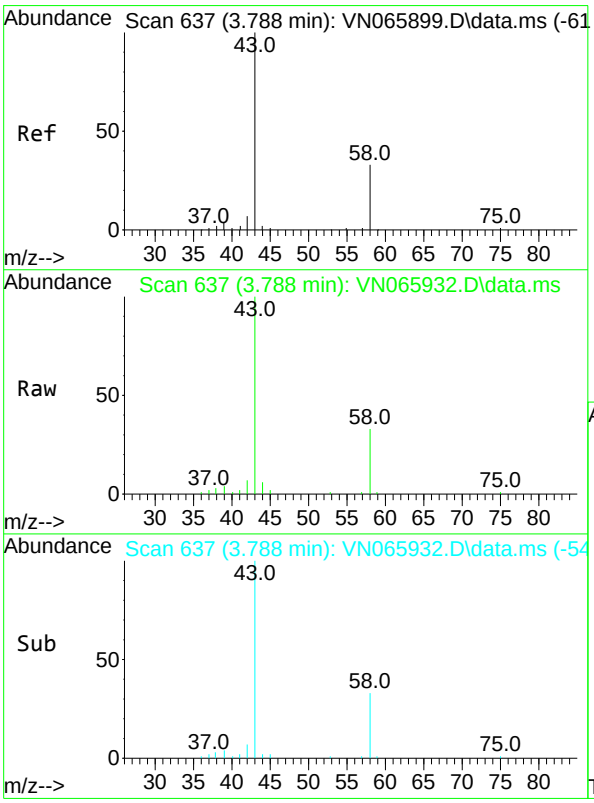


#15
Acrylonitrile
Concen: 95.88 ug/l
RT: 4.946 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 53 Resp: 83738

Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.1	99.1
51	34.5	27.9	41.9

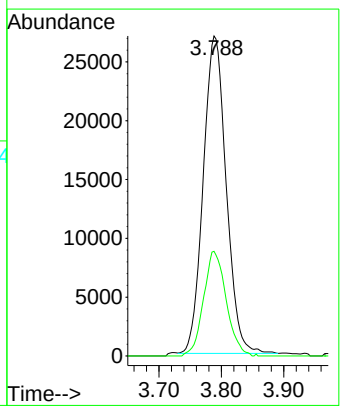




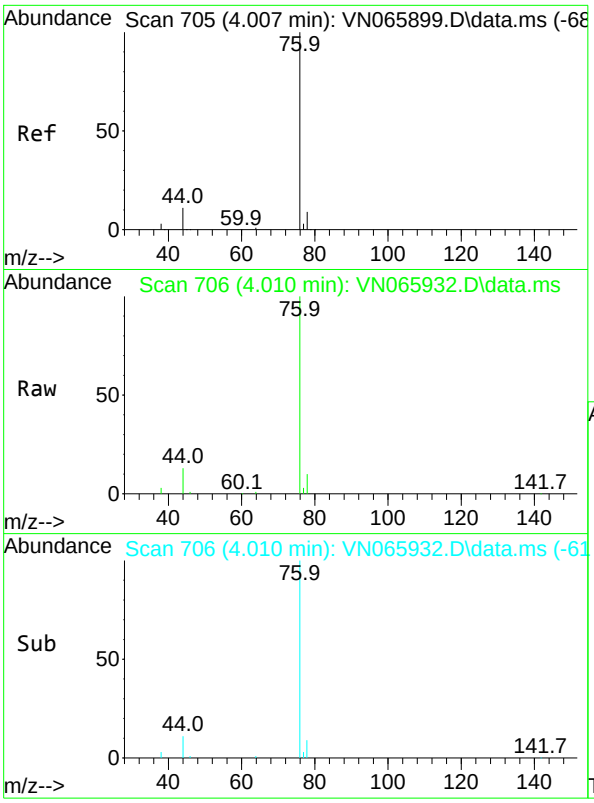
#16
Acetone
Concen: 96.06 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 43 Resp: 69056

Ion	Ratio	Lower	Upper
43	100		
58	33.0	27.0	40.6



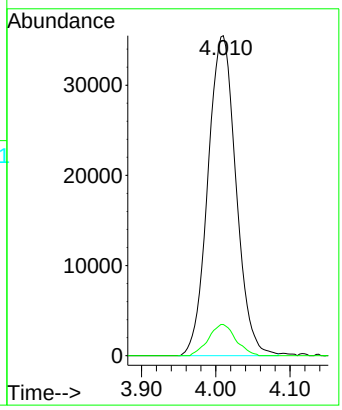
Instrument :
MSVOA_N
ClientSampleId :

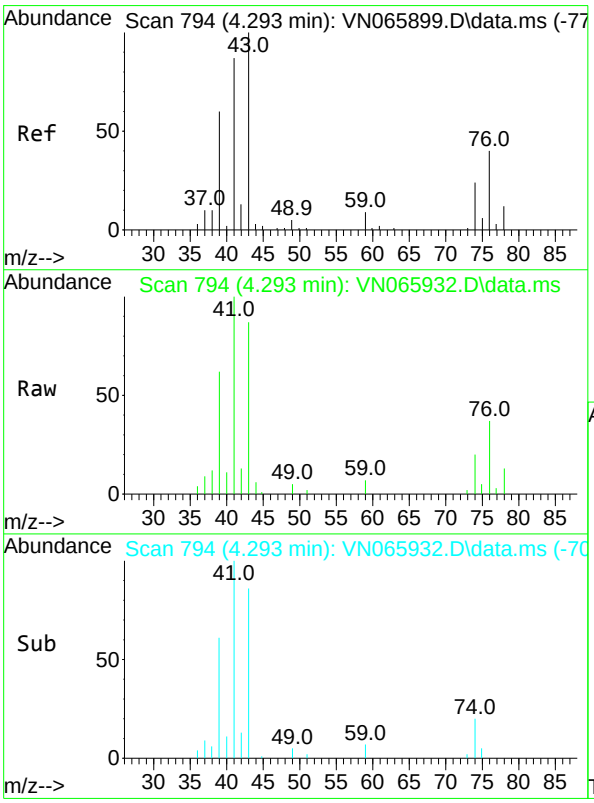


#17
Carbon Disulfide
Concen: 18.00 ug/l
RT: 4.010 min Scan# 706
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 76 Resp: 93271

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.8	11.6

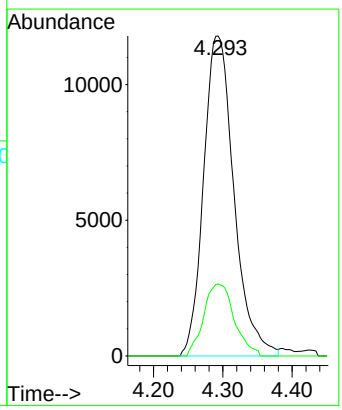


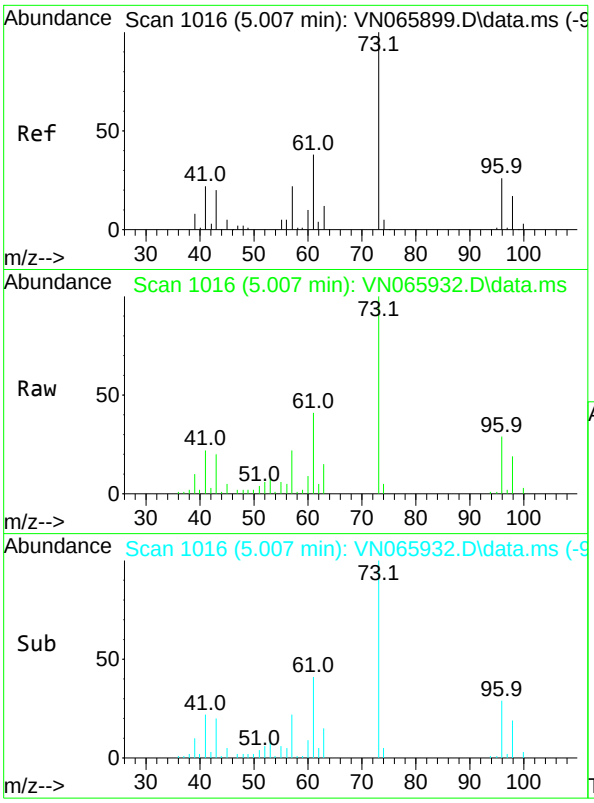


#18
Methyl Acetate
Concen: 19.16 ug/l
RT: 4.293 min Scan# 794
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 43 Resp: 35865

Ion	Ratio	Lower	Upper
43	100		
74	22.6	19.5	29.3

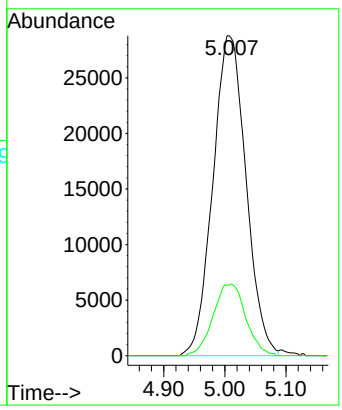




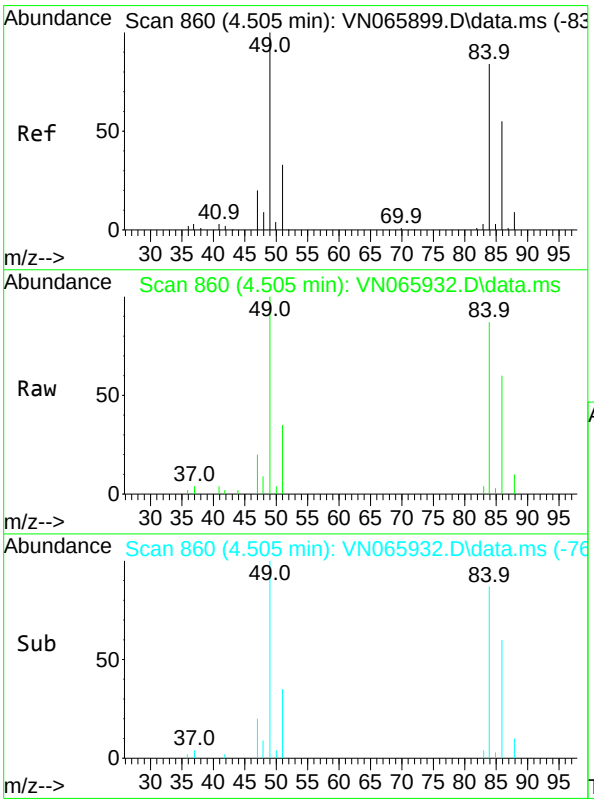
#19
Methyl tert-butyl Ether
Concen: 18.52 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 73 Resp: 108413

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.3	25.9



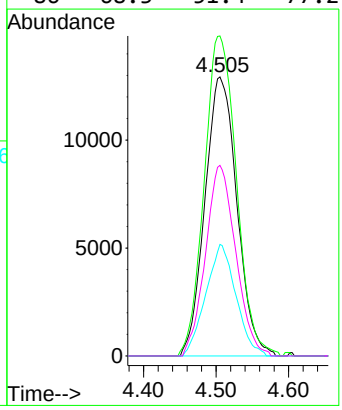
Instrument :
MSVOA_N
ClientSampleId :

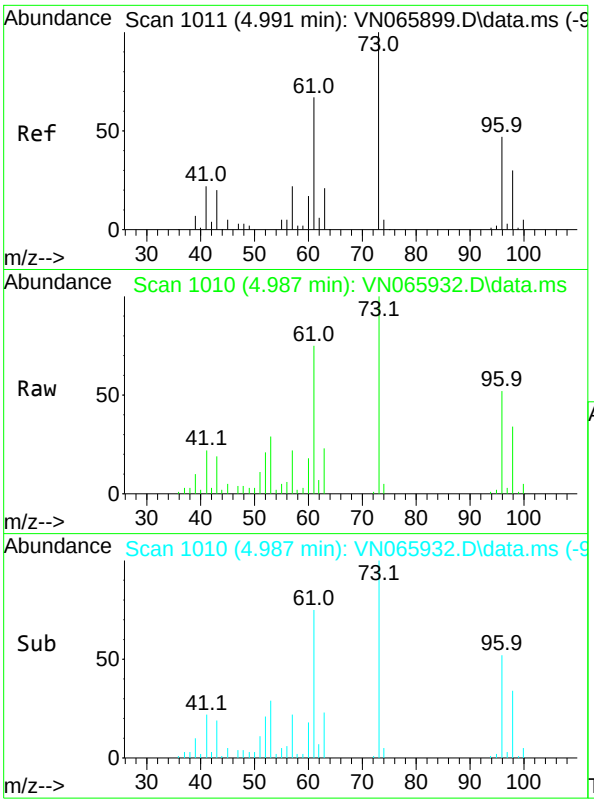


#20
Methylene Chloride
Concen: 18.89 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 84 Resp: 39685

Ion	Ratio	Lower	Upper
84	100		
49	114.7	94.6	141.8
51	40.0	29.9	44.9
86	68.3	51.4	77.2

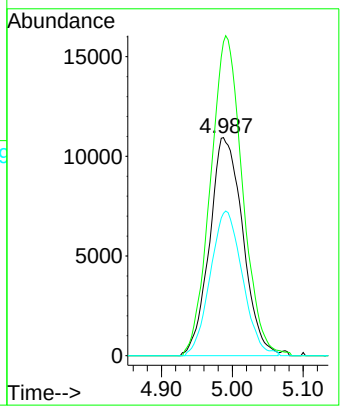




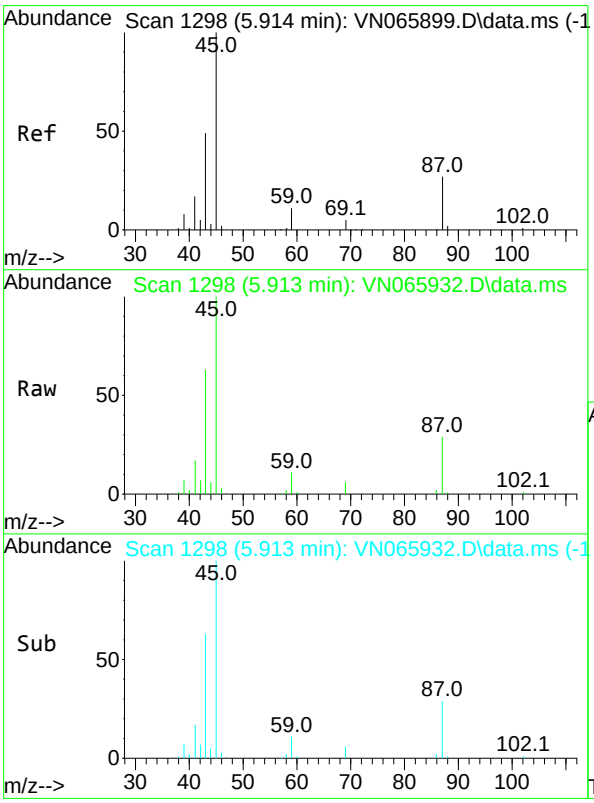
#21
trans-1,2-Dichloroethene
Concen: 18.62 ug/l
RT: 4.987 min Scan# 1010
Delta R.T. -0.004 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 96 Resp: 35594

Ion	Ratio	Lower	Upper
96	100		
61	143.9	104.9	157.3
98	65.3	51.8	77.8



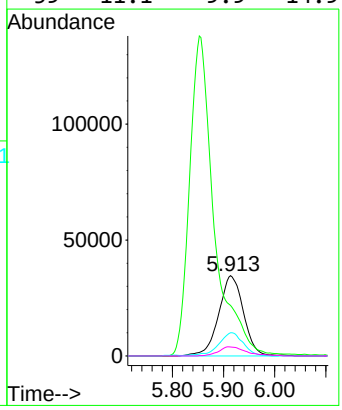
Instrument :
MSVOA_N
ClientSampleId :



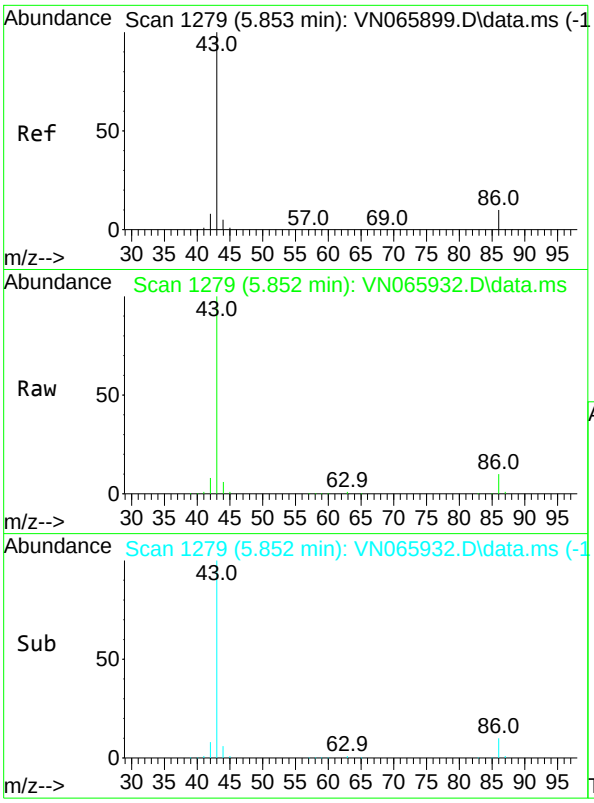
#22
Diisopropyl ether
Concen: 18.76 ug/l
RT: 5.913 min Scan# 1298
Delta R.T. -0.001 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 45 Resp: 116551

Ion	Ratio	Lower	Upper
45	100		
43	60.2	48.9	73.3
87	28.8	23.7	35.5
59	11.1	9.9	14.9



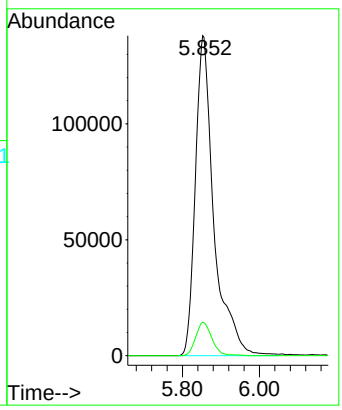
Instrument :
MSVOA_N
ClientSampleId :

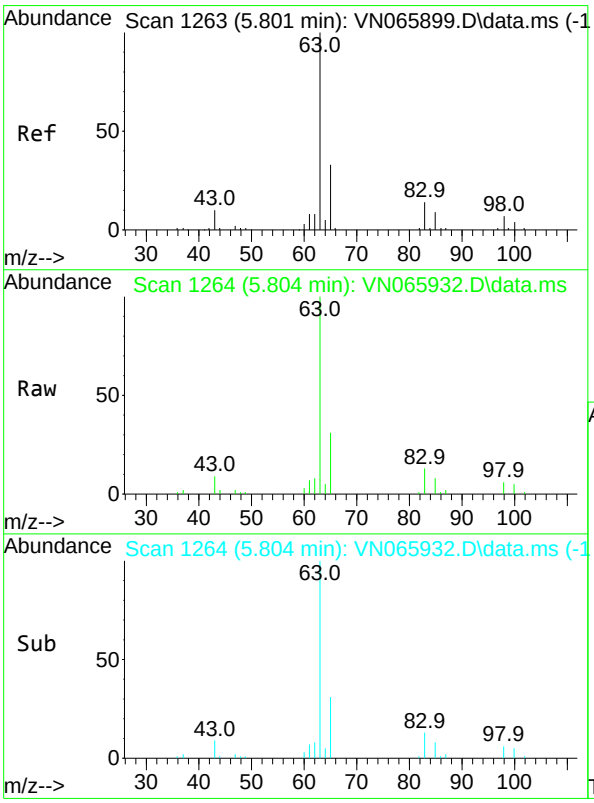


#23
Vinyl Acetate
Concen: 94.68 ug/l
RT: 5.852 min Scan# 1279
Delta R.T. -0.001 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 43 Resp: 461354

Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.6	13.0

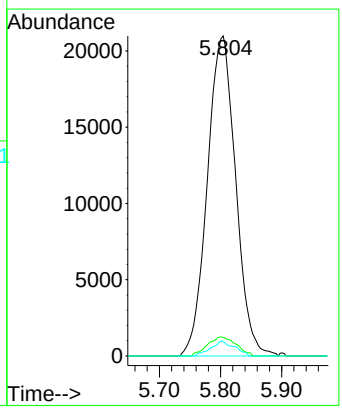




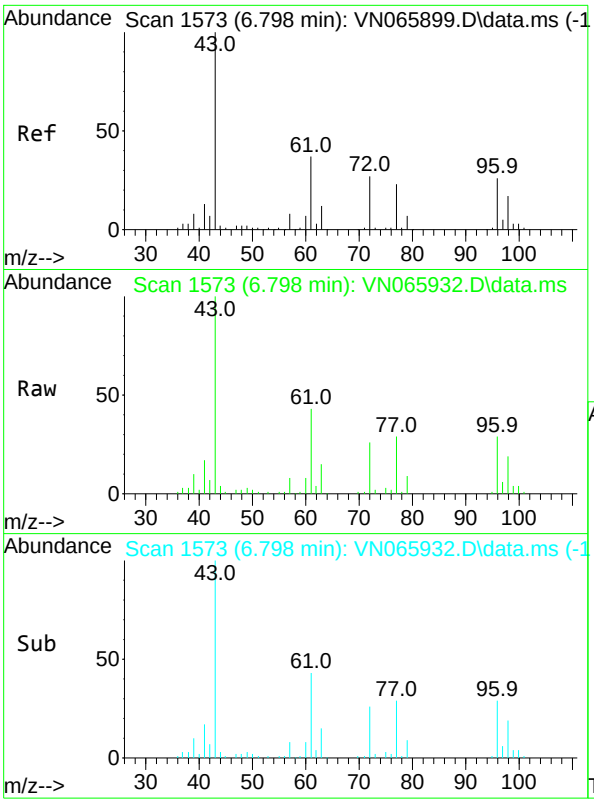
#24
1,1-Dichloroethane
Concen: 18.84 ug/l
RT: 5.804 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 63 Resp: 67631

Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.5	10.4
100	4.6	2.3	6.9



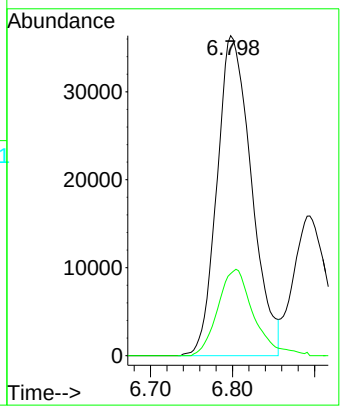
Instrument :
MSVOA_N
ClientSampleId :

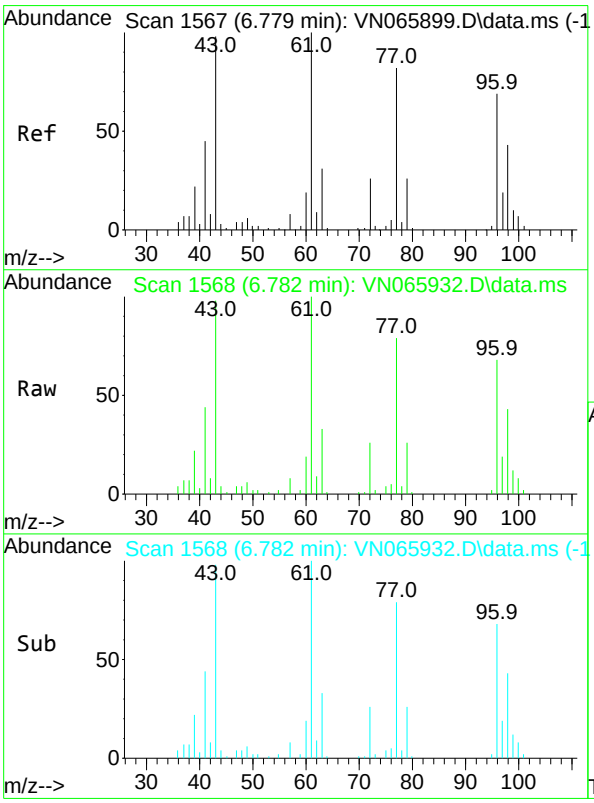


#25
2-Butanone
Concen: 94.70 ug/l
RT: 6.798 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 43 Resp: 106180

Ion	Ratio	Lower	Upper
43	100		
72	25.7	23.1	34.7

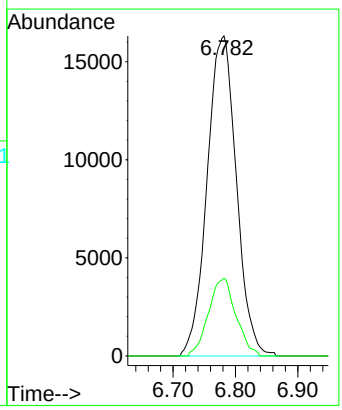


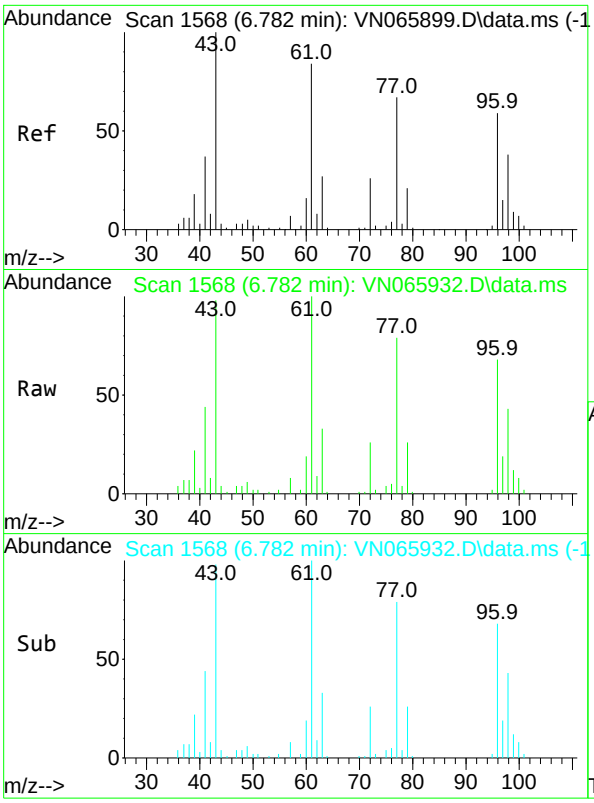


#26
2,2-Dichloropropane
Concen: 18.91 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 77 Resp: 53233

Ion	Ratio	Lower	Upper
77	100		
97	22.7	11.9	35.9

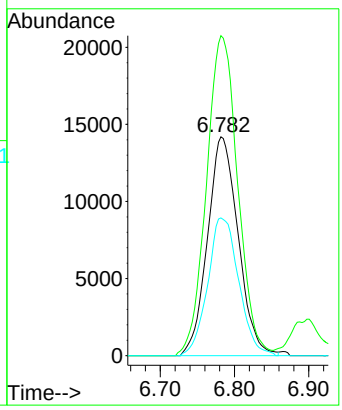




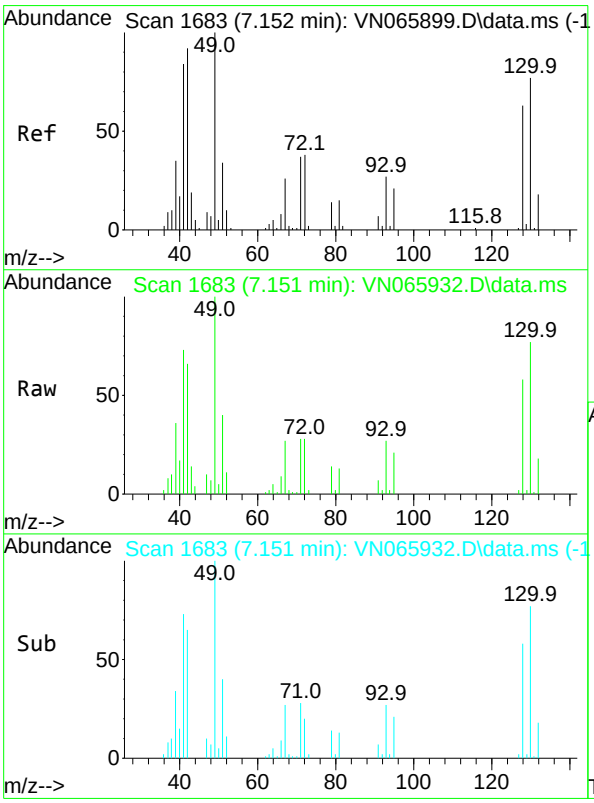
#27
cis-1,2-Dichloroethene
Concen: 18.71 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 96 Resp: 40754

Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	276.8
98	63.7	0.0	129.4



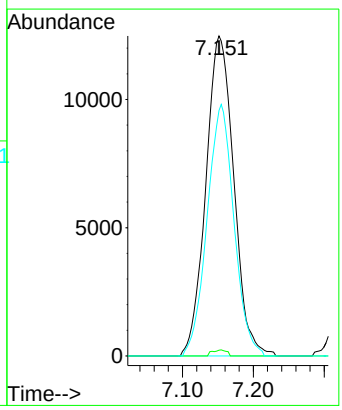
Instrument :
MSVOA_N
ClientSampleId :



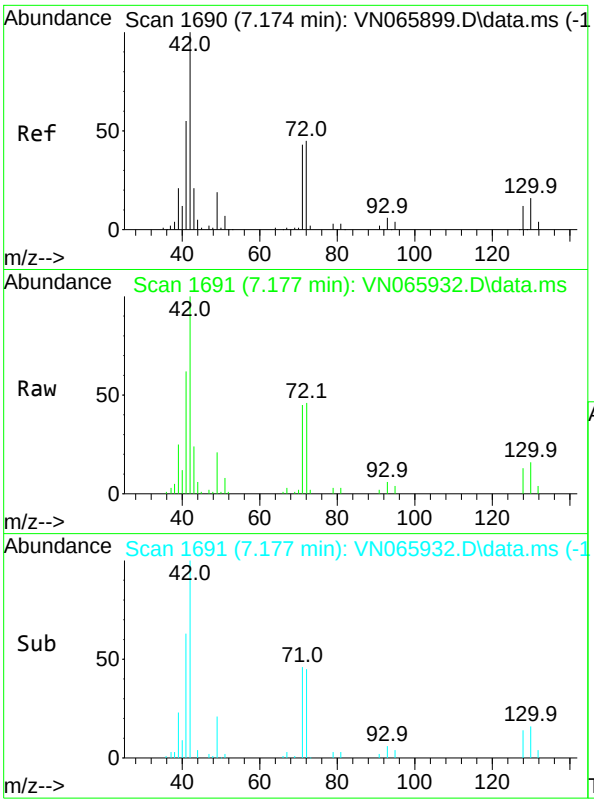
#28
Bromochloromethane
Concen: 20.69 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. -0.001 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 49 Resp: 34225

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.6
130	75.6	67.8	101.6



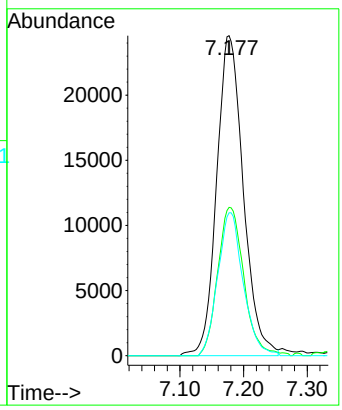
Instrument :
MSVOA_N
ClientSampleId :

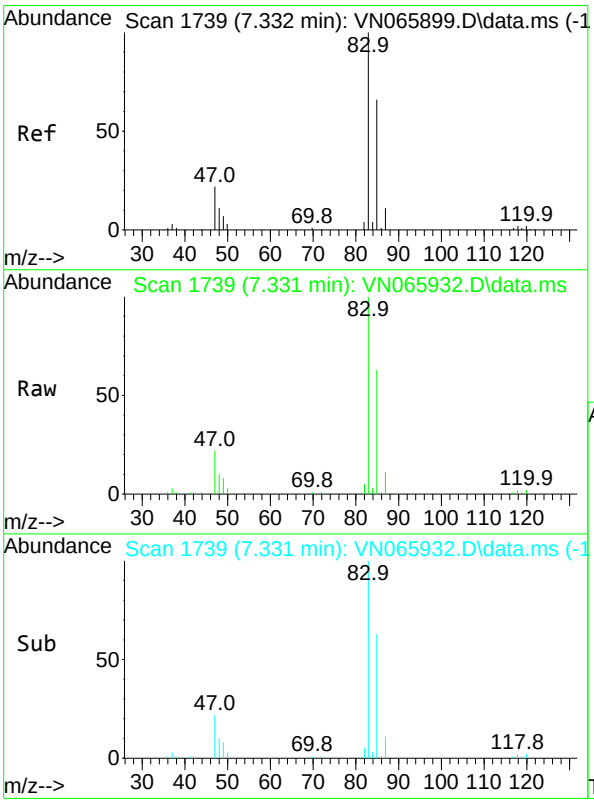


#29
Tetrahydrofuran
Concen: 92.50 ug/l
RT: 7.177 min Scan# 1691
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 42 Resp: 71400

Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.6	55.0
71	42.7	34.3	51.5

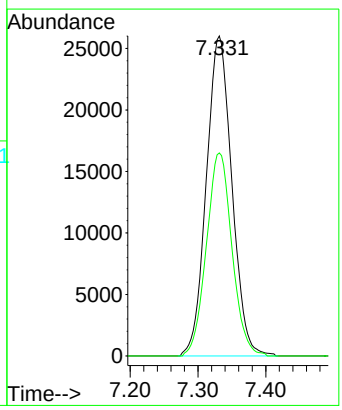


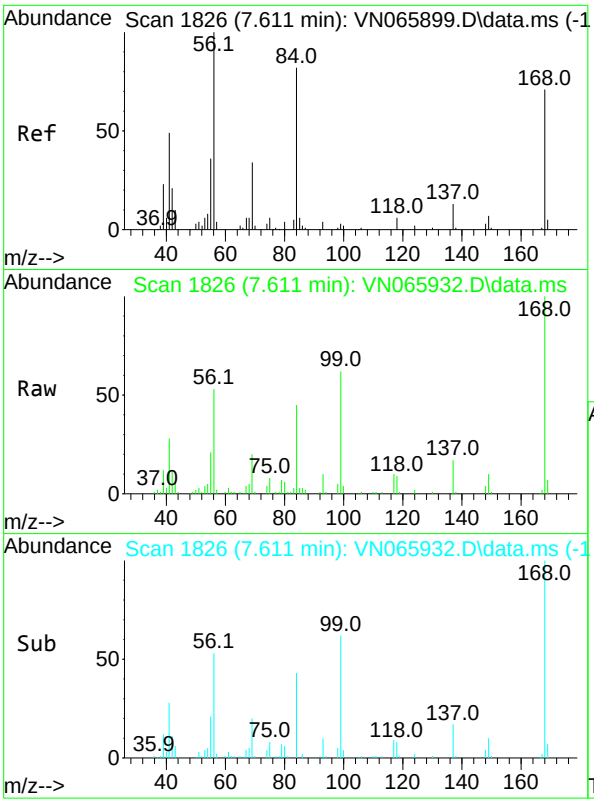


#30
Chloroform
Concen: 19.22 ug/l
RT: 7.331 min Scan# 1739
Delta R.T. -0.001 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 83 Resp: 68151

Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.6	78.8

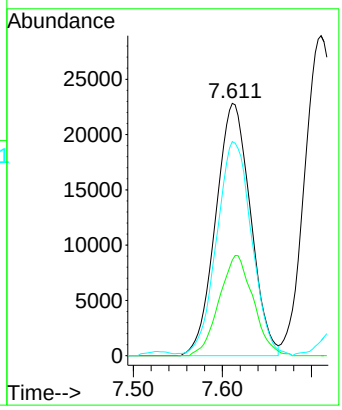




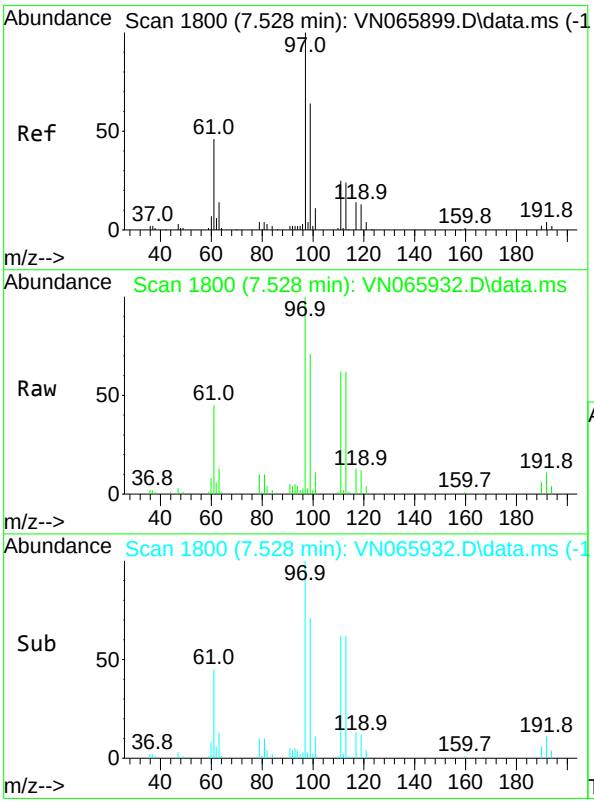
#31
Cyclohexane
Concen: 18.34 ug/l
RT: 7.611 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 56 Resp: 61954

Ion	Ratio	Lower	Upper
56	100		
69	37.8	26.6	39.8
84	84.0	70.4	105.6



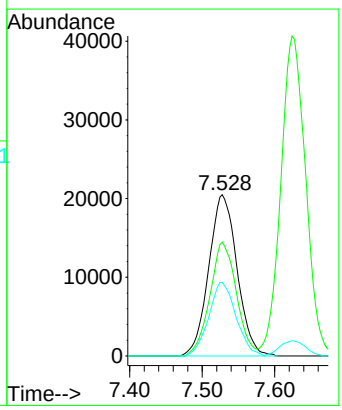
Instrument :
MSVOA_N
ClientSampleId :



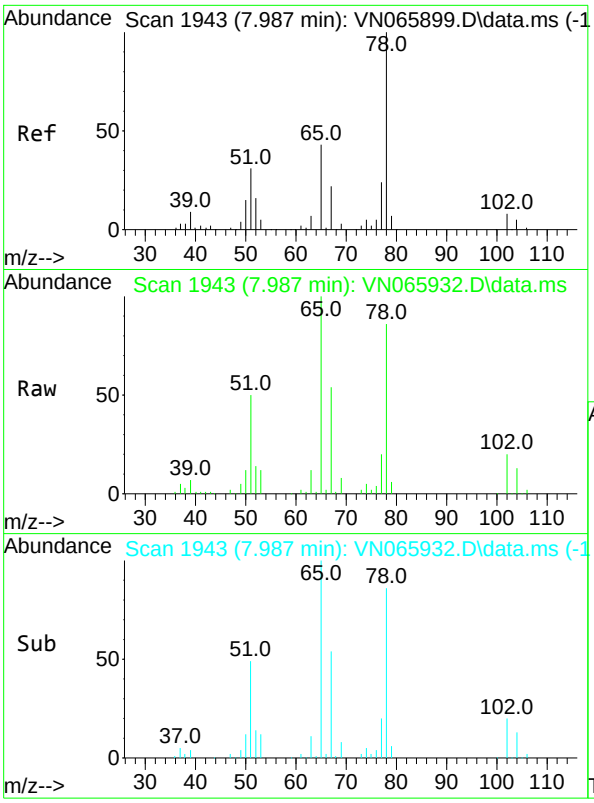
#32
1,1,1-Trichloroethane
Concen: 18.68 ug/l
RT: 7.528 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 97 Resp: 55553

Ion	Ratio	Lower	Upper
97	100		
99	66.2	50.8	76.2
61	44.0	34.3	51.5



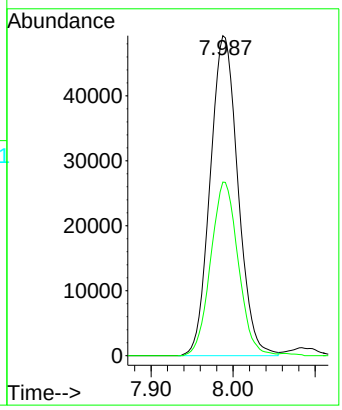
Instrument :
MSVOA_N
ClientSampleId :

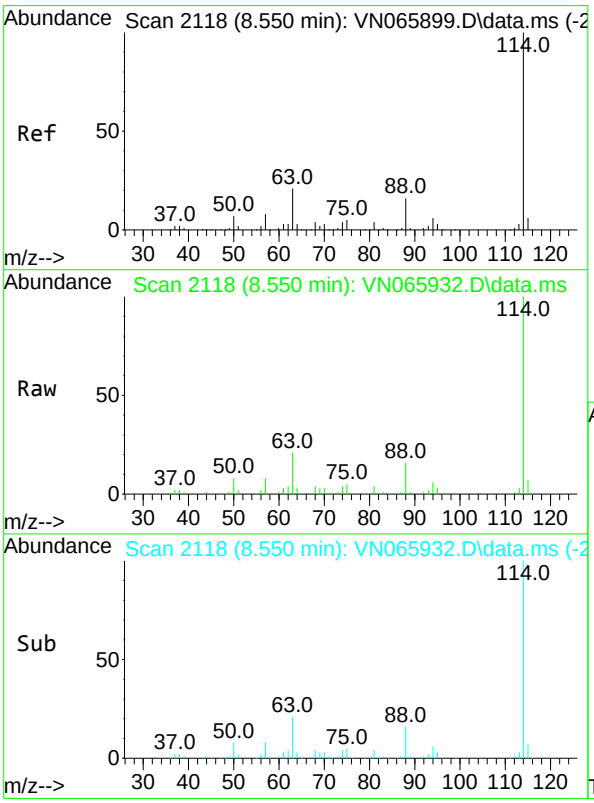


#33
1,2-Dichloroethane-d4
Concen: 51.07 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 65 Resp: 115685

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.2

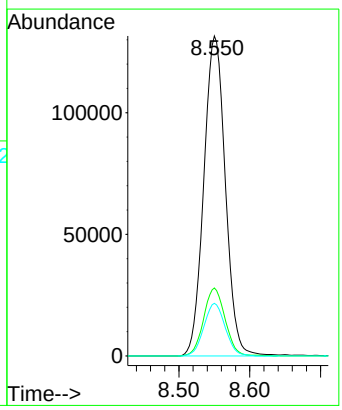




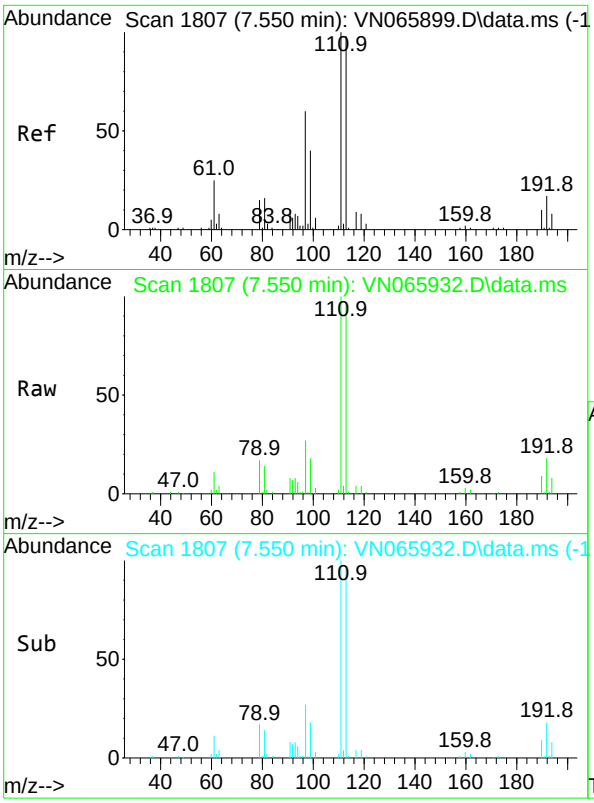
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:114 Resp: 277902

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	38.6
88	16.5	0.0	30.6



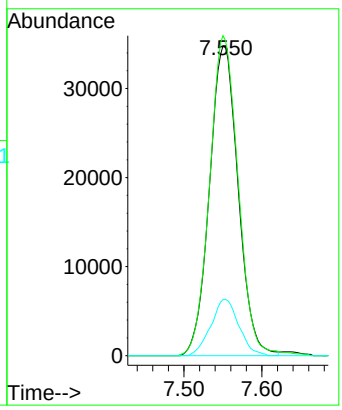
Instrument :
MSVOA_N
ClientSampleId :

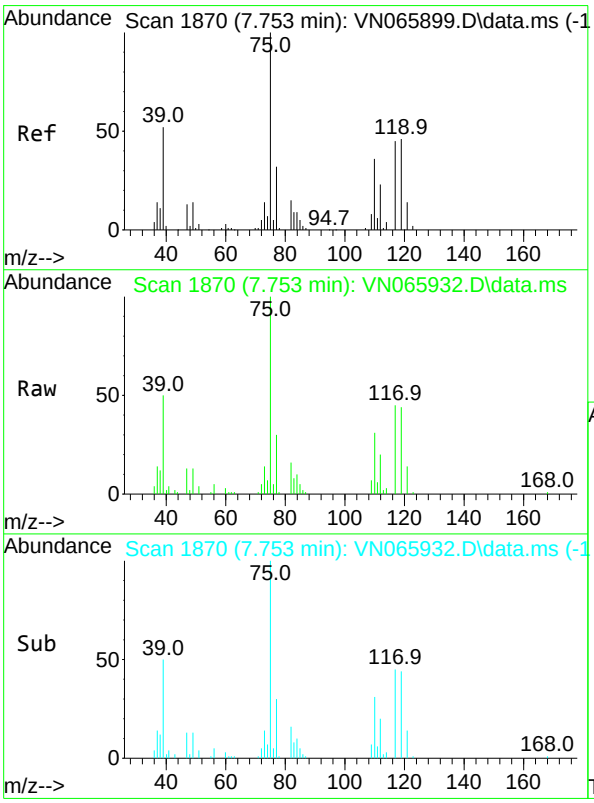


#35
Dibromofluoromethane
Concen: 51.66 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:113 Resp: 88846

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	17.8	15.4	23.0

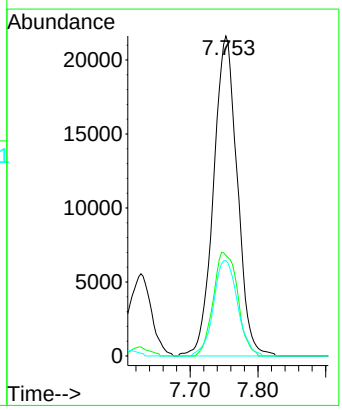




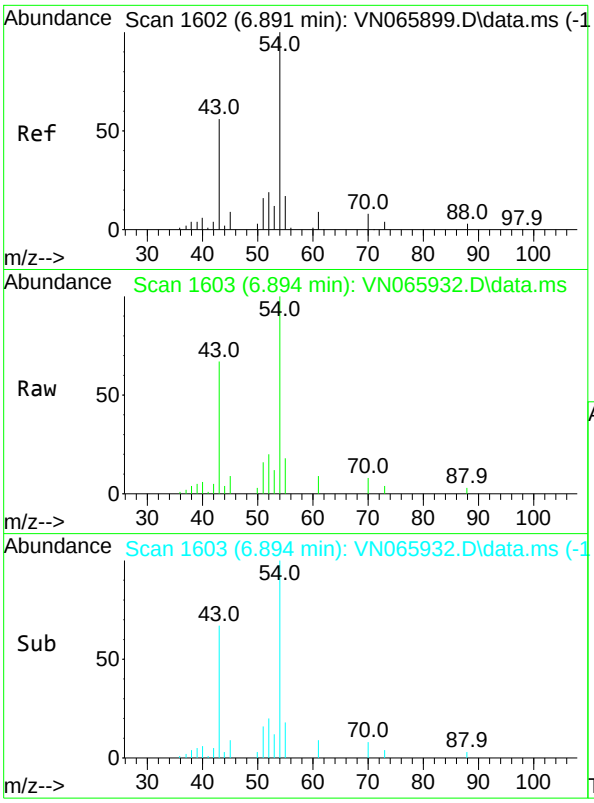
#36
1,1-Dichloropropene
Concen: 19.20 ug/l
RT: 7.753 min Scan# 1870
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 75 Resp: 52615

Ion	Ratio	Lower	Upper
75	100		
110	33.3	18.2	54.6
77	30.3	24.9	37.3



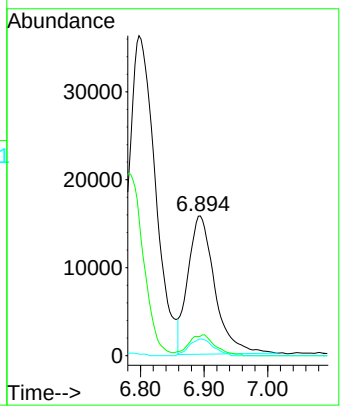
Instrument :
MSVOA_N
ClientSampleId :

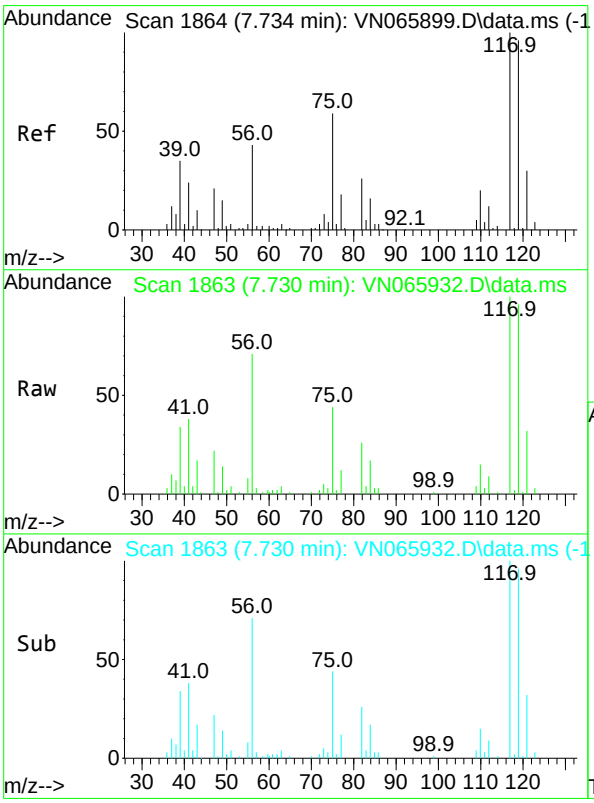


#37
Ethyl Acetate
Concen: 18.65 ug/l
RT: 6.894 min Scan# 1603
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 43 Resp: 46151

Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.6	17.4
70	10.9	8.6	13.0

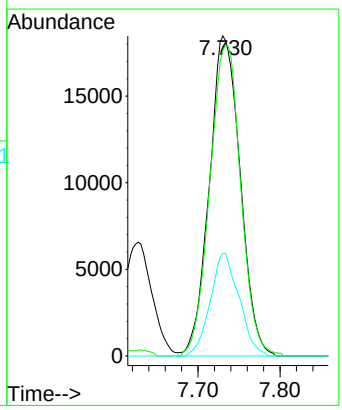




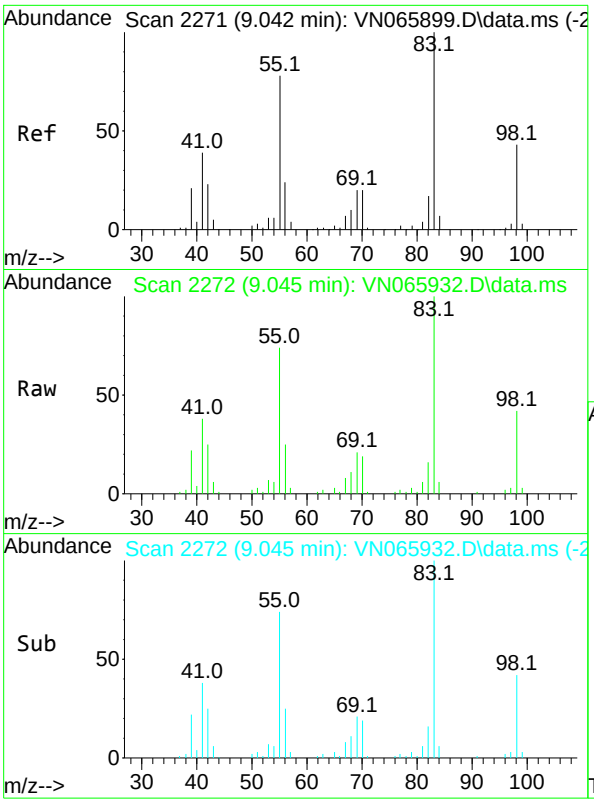
#38
Carbon Tetrachloride
Concen: 18.99 ug/l
RT: 7.730 min Scan# 1863
Delta R.T. -0.004 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:117 Resp: 48354

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.0	114.0
121	32.1	24.5	36.7



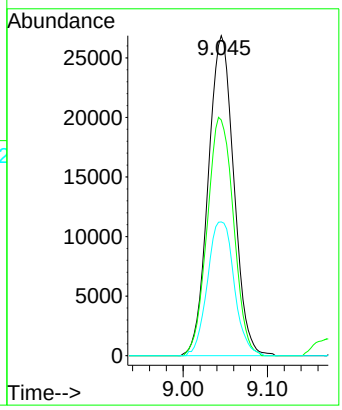
Instrument :
MSVOA_N
ClientSampleId :

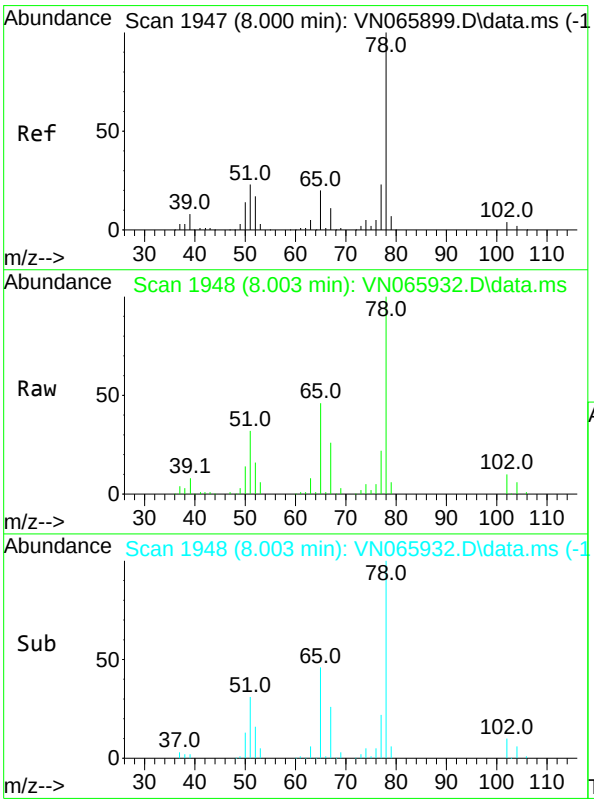


#39
Methylcyclohexane
Concen: 18.39 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 83 Resp: 56641

Ion	Ratio	Lower	Upper
83	100		
55	73.6	58.9	88.3
98	41.8	35.9	53.9

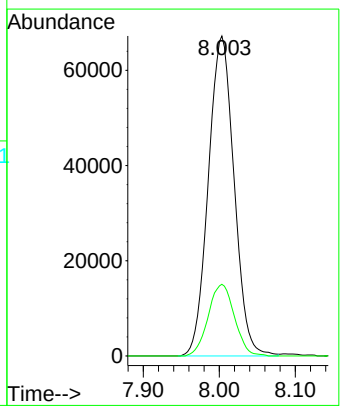




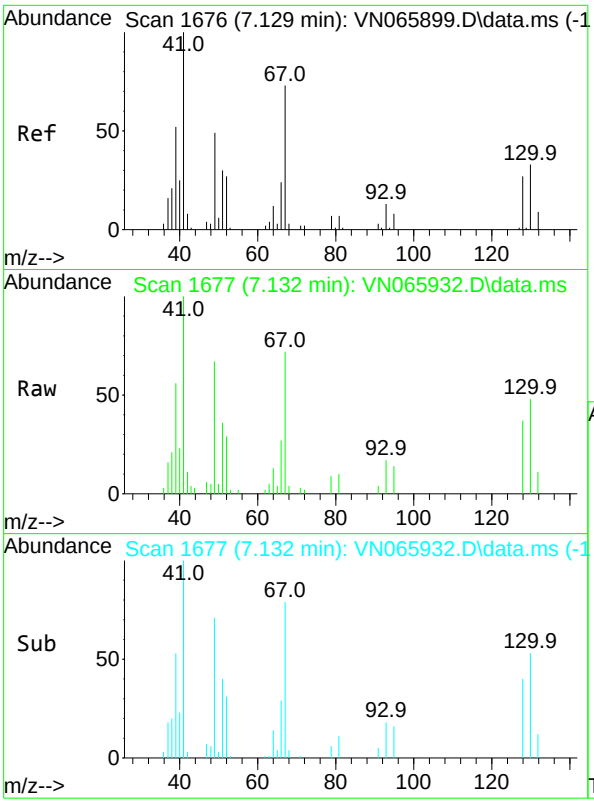
#40
Benzene
Concen: 18.81 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 78 Resp: 158165

Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.4



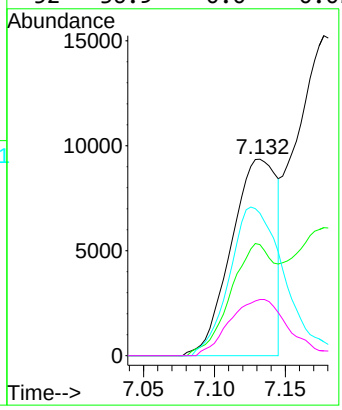
Instrument :
MSVOA_N
ClientSampleId :

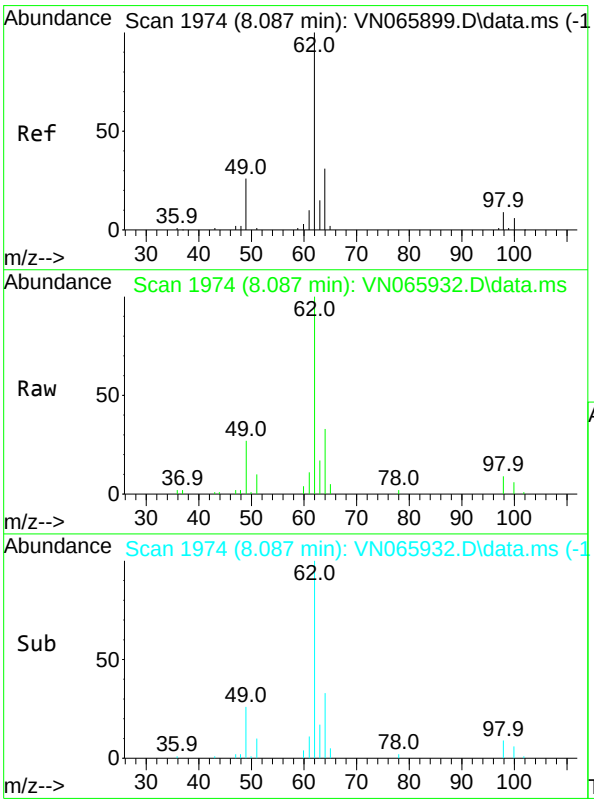


#41
Methacrylonitrile
Concen: 17.36 ug/l
RT: 7.132 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 41 Resp: 20791

Ion	Ratio	Lower	Upper
41	100		
39	55.5	0.0	0.0#
67	92.9	0.0	0.0#
52	36.9	0.0	0.0#

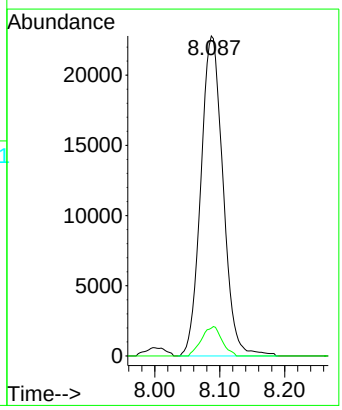




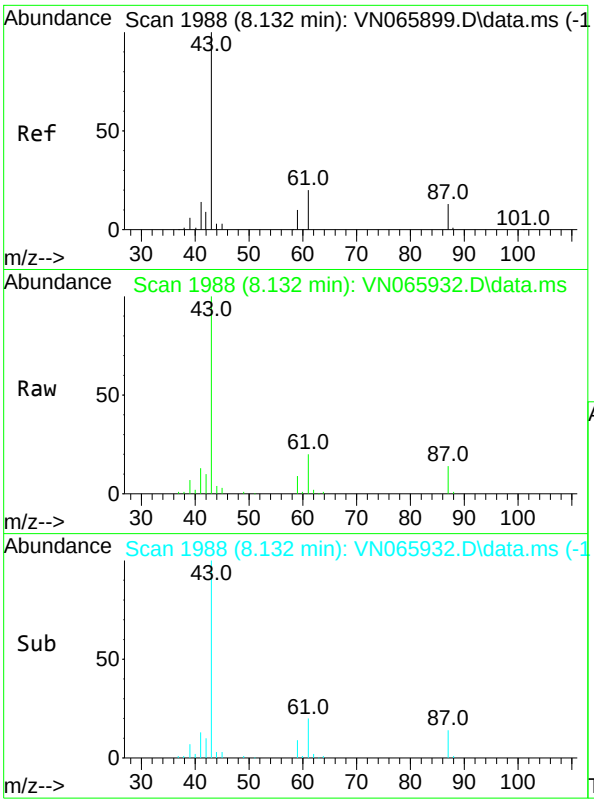
#42
1,2-Dichloroethane
Concen: 19.59 ug/l
RT: 8.087 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 62 Resp: 54131

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.6



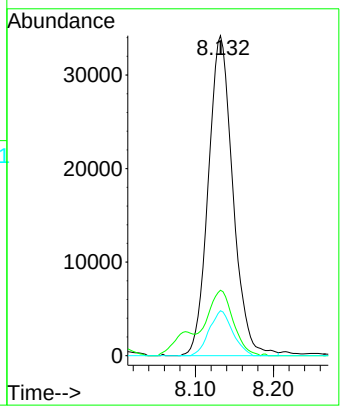
Instrument :
MSVOA_N
ClientSampleId :

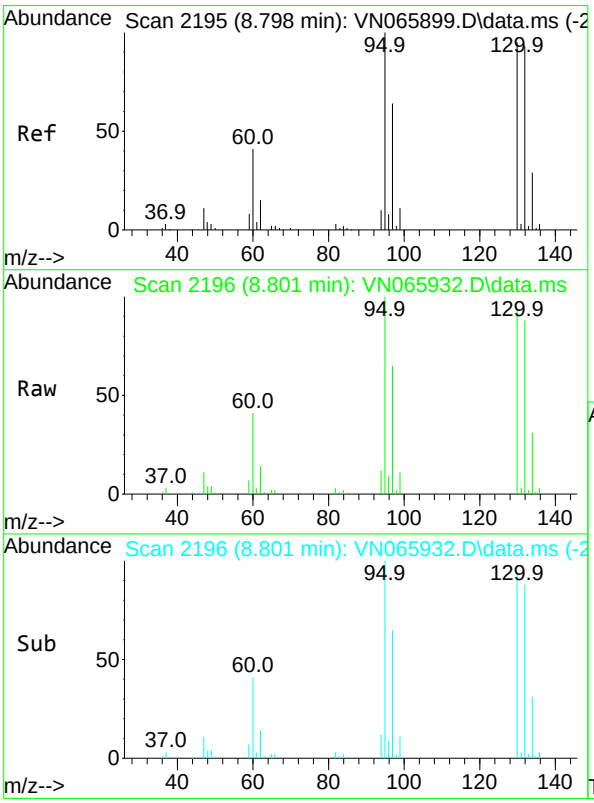


#43
Isopropyl Acetate
Concen: 18.99 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 43 Resp: 74906

Ion	Ratio	Lower	Upper
43	100		
61	21.2	22.5	33.7#
87	13.4	11.1	16.7

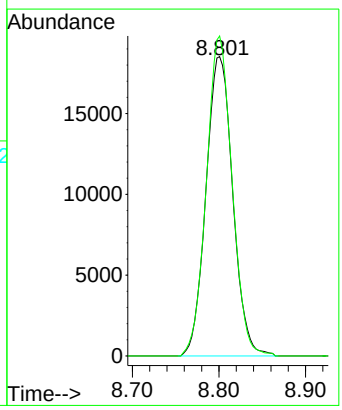




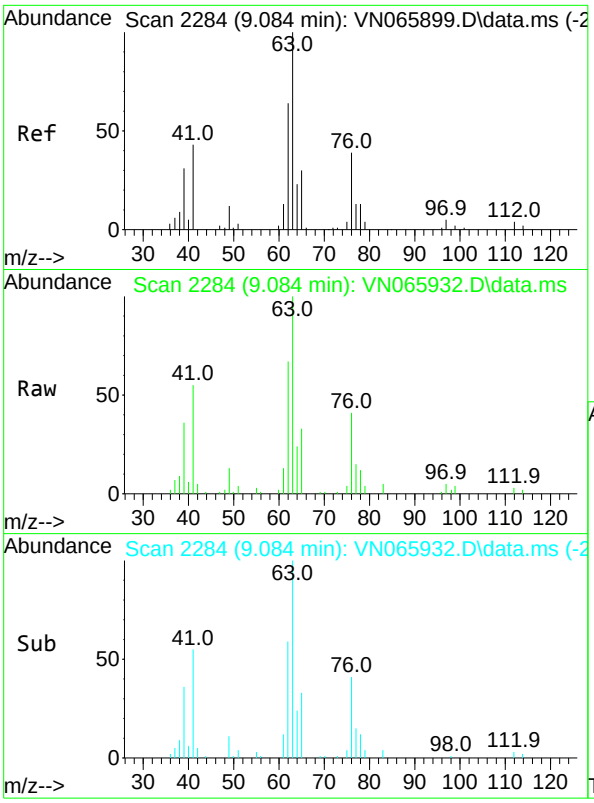
#44
Trichloroethene
Concen: 19.16 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:130 Resp: 39831

Ion	Ratio	Lower	Upper
130	100		
95	106.9	0.0	199.6



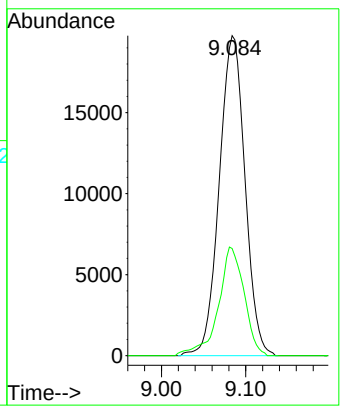
Instrument :
MSVOA_N
ClientSampleId :

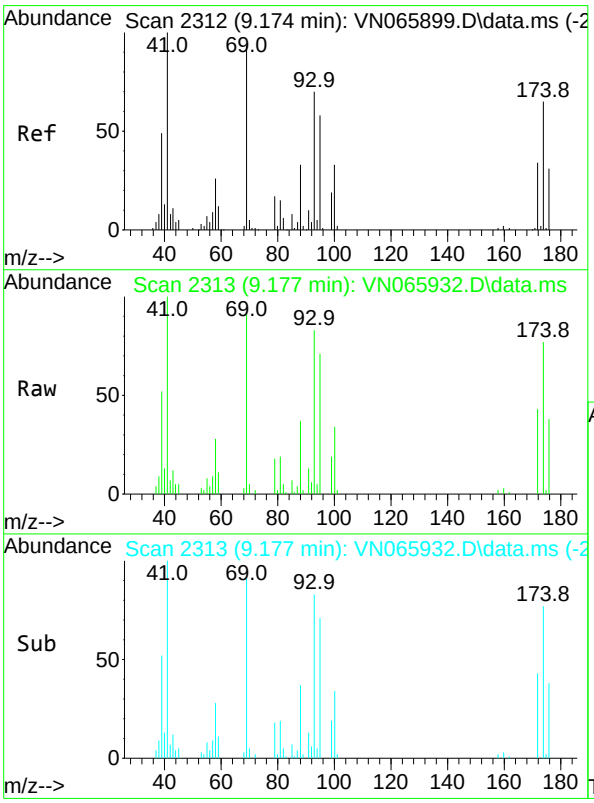


#45
1,2-Dichloropropane
Concen: 19.42 ug/l
RT: 9.084 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 63 Resp: 41802

Ion	Ratio	Lower	Upper
63	100		
65	33.5	24.9	37.3

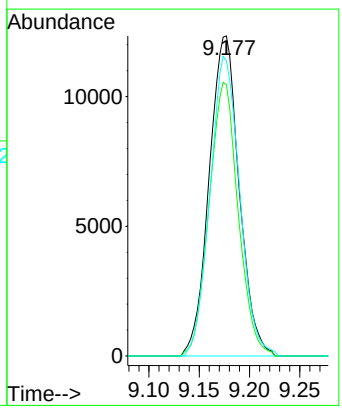




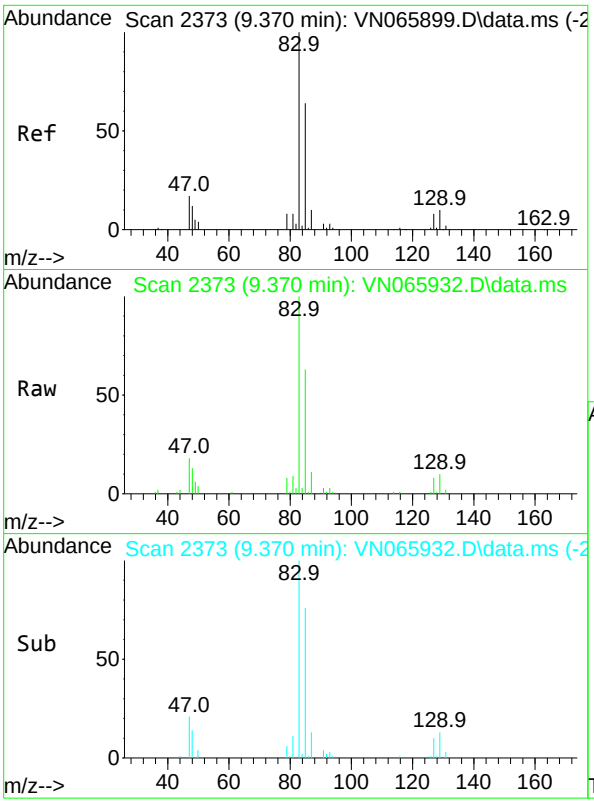
#46
Dibromomethane
Concen: 19.50 ug/l
RT: 9.177 min Scan# 2313
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 93 Resp: 25577

Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.0	100.6
174	92.6	83.2	124.8



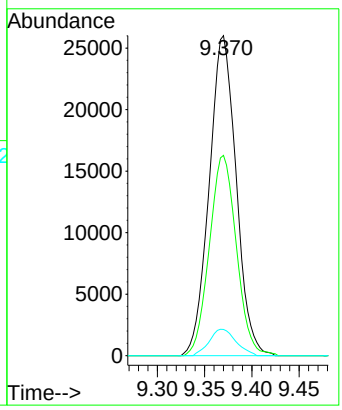
Instrument :
MSVOA_N
ClientSampleId :

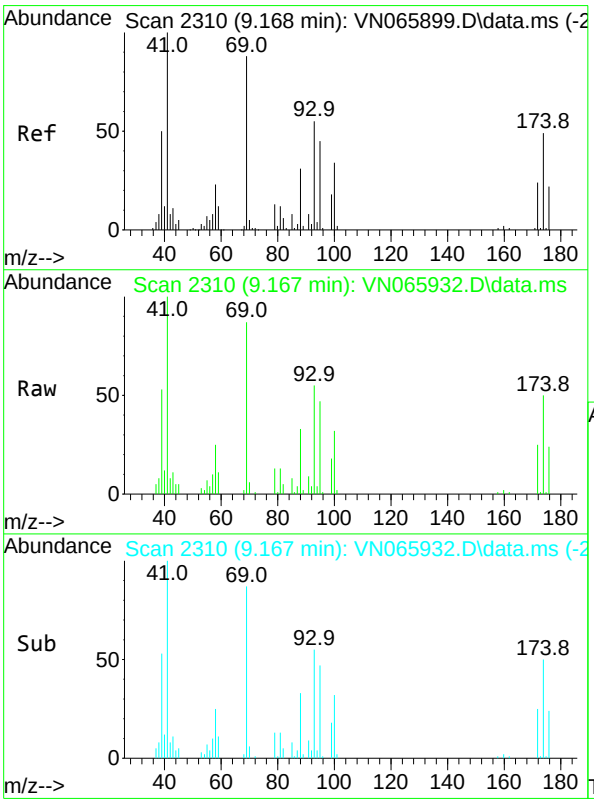


#47
Bromodichloromethane
Concen: 19.31 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 83 Resp: 51546

Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.0	76.4
127	8.2	7.0	10.6

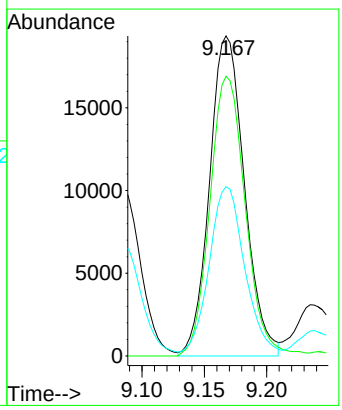




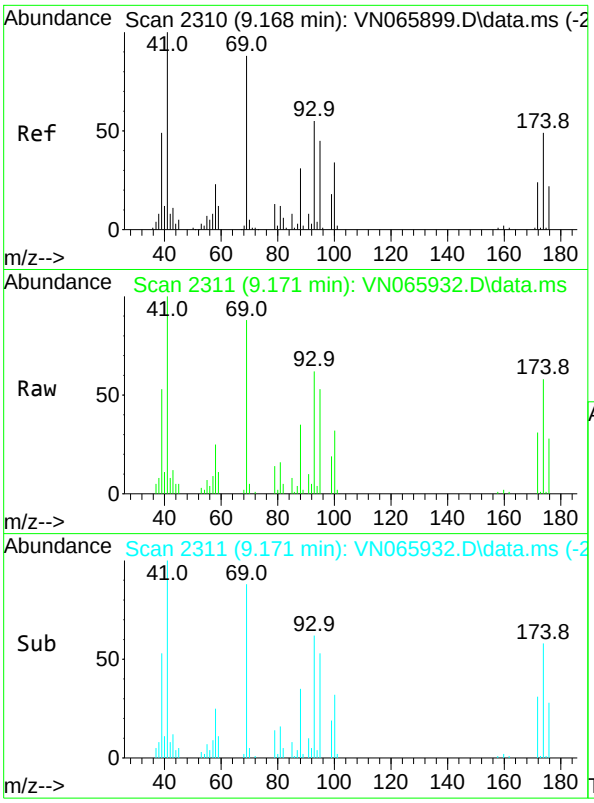
#48
Methyl methacrylate
Concen: 18.89 ug/l
RT: 9.167 min Scan# 2310
Delta R.T. -0.001 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 41 Resp: 37753

Ion	Ratio	Lower	Upper
41	100		
69	88.7	75.9	113.9
39	54.3	46.6	69.8



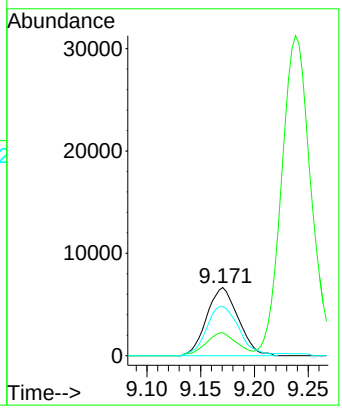
Instrument :
MSVOA_N
ClientSampleId :

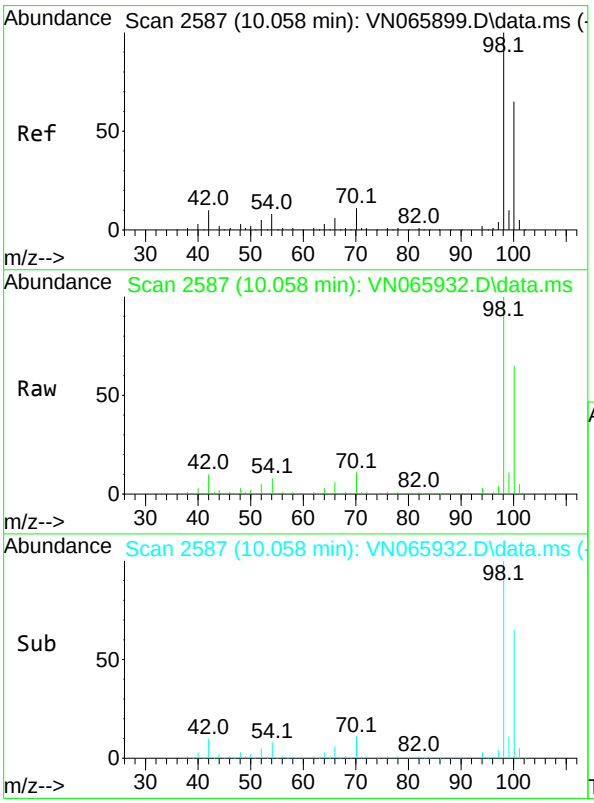


#49
1,4-Dioxane
Concen: 398.55 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 88 Resp: 13569

Ion	Ratio	Lower	Upper
88	100		
43	33.5	24.7	37.1
58	74.2	52.6	78.8

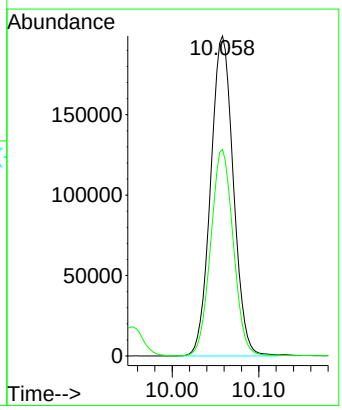




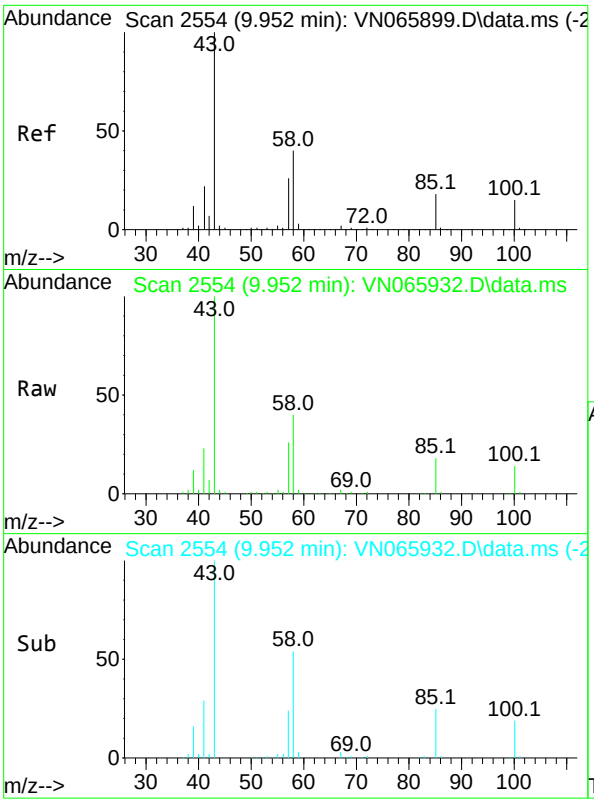
#50
Toluene-d8
Concen: 51.37 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 98 Resp: 362674

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.5	75.7



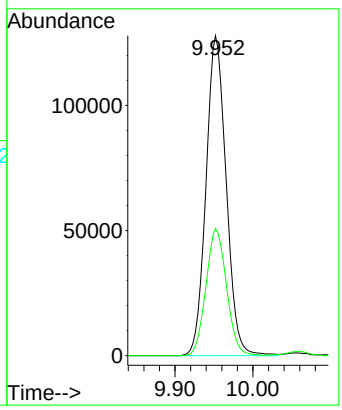
Instrument :
MSVOA_N
ClientSampleId :

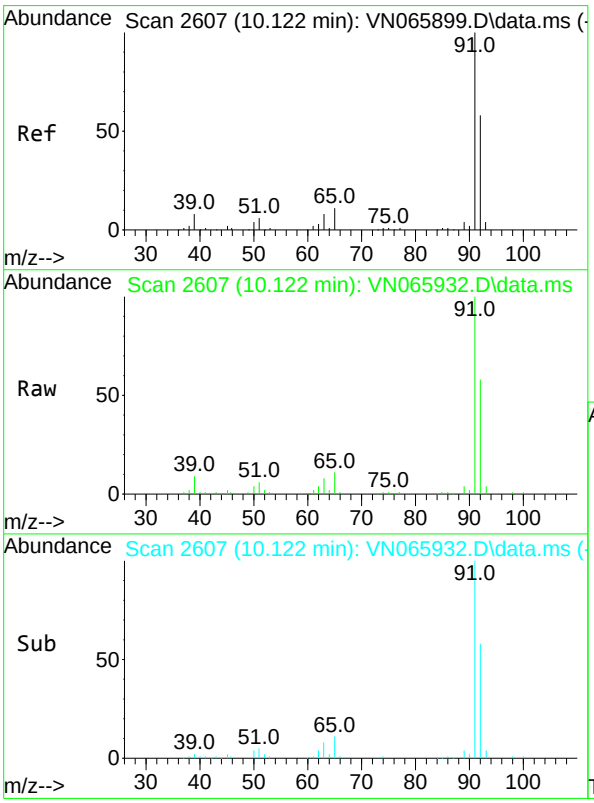


#51
4-Methyl-2-Pentanone
Concen: 95.85 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 43 Resp: 229992

Ion	Ratio	Lower	Upper
43	100		
58	40.5	32.5	48.7

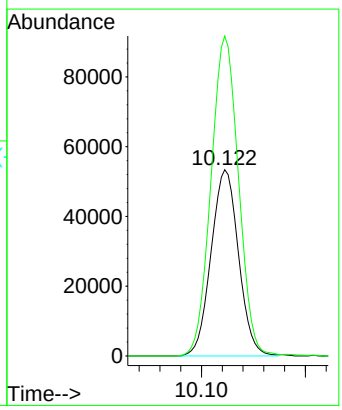




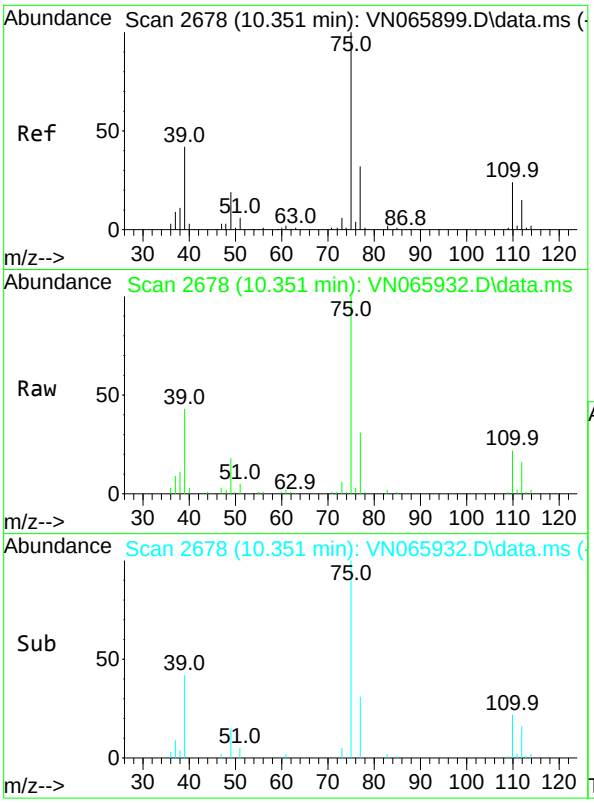
#52
Toluene
Concen: 18.96 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 92 Resp: 97913

Ion	Ratio	Lower	Upper
92	100		
91	172.6	140.7	211.1



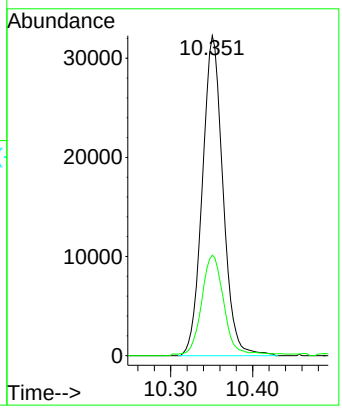
Instrument :
MSVOA_N
ClientSampleId :

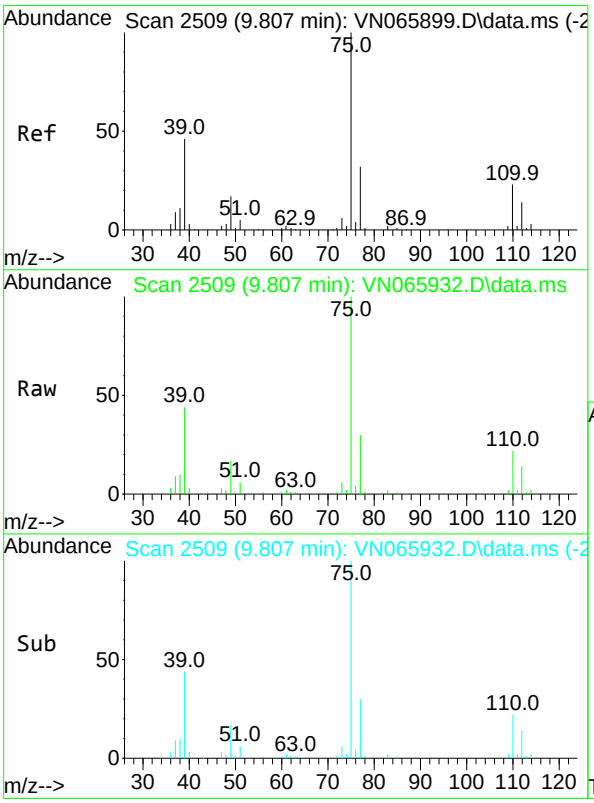


#53
t-1,3-Dichloropropene
Concen: 18.35 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 75 Resp: 56283

Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.2	39.4

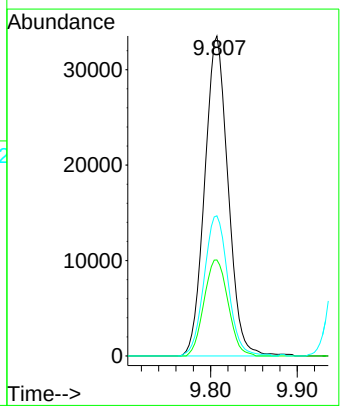




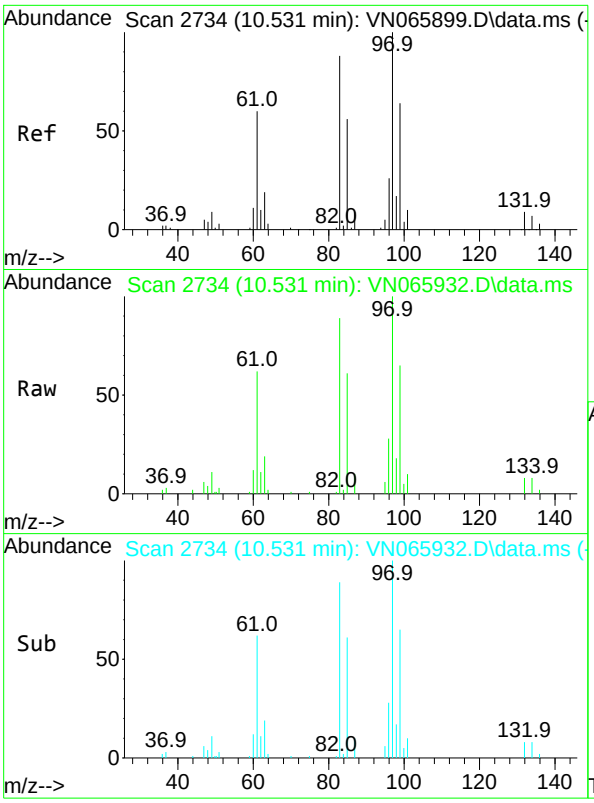
#54
cis-1,3-Dichloropropene
Concen: 18.94 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 75 Resp: 62703

Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.9	37.3
39	43.8	36.2	54.4



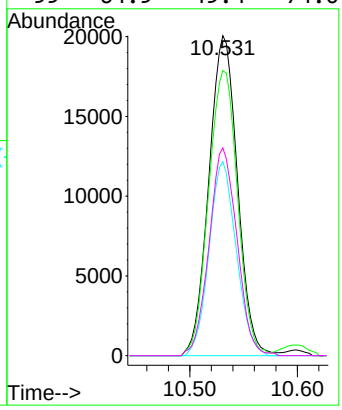
Instrument :
MSVOA_N
ClientSampleId :

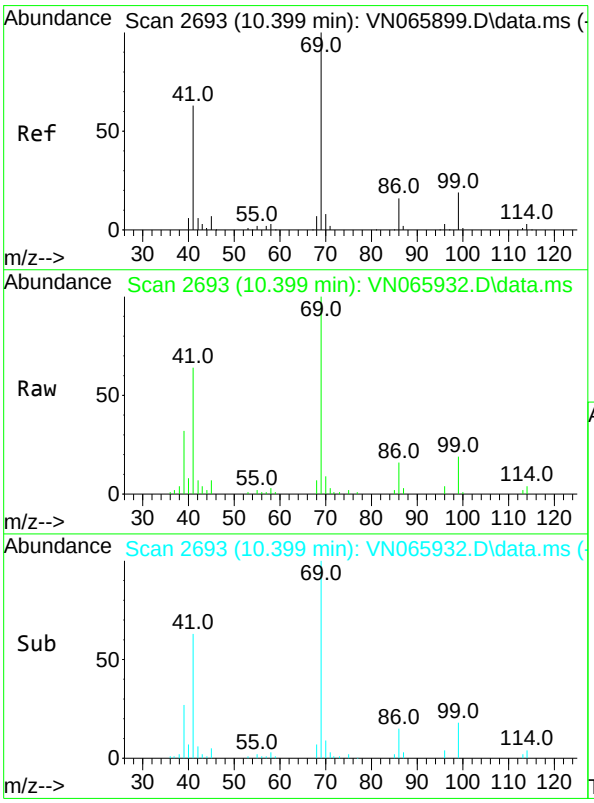


#55
1,1,2-Trichloroethane
Concen: 19.18 ug/l
RT: 10.531 min Scan# 2734
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 97 Resp: 37060

Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.7	101.5
85	60.7	44.5	66.7
99	64.9	49.4	74.0

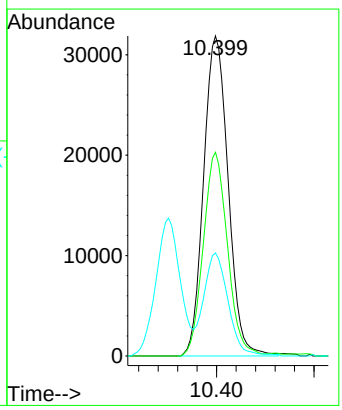




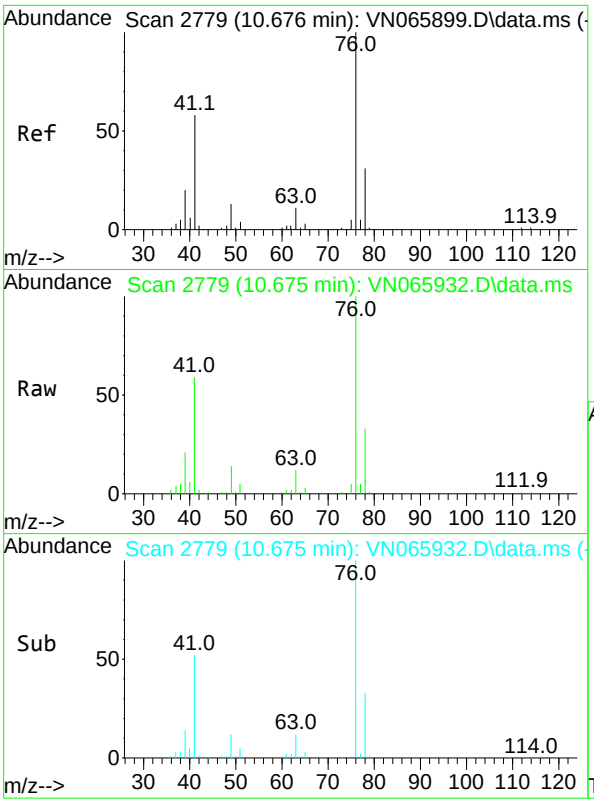
#56
Ethyl methacrylate
Concen: 19.14 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 69 Resp: 55613

Ion	Ratio	Lower	Upper
69	100		
41	62.9	49.6	74.4
39	32.1	28.0	42.0



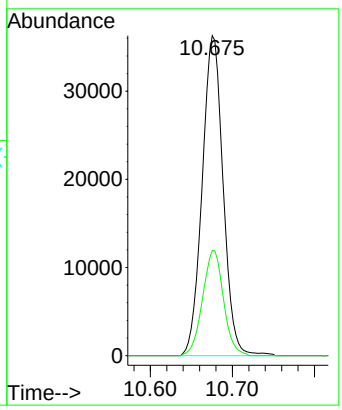
Instrument :
MSVOA_N
ClientSampleId :

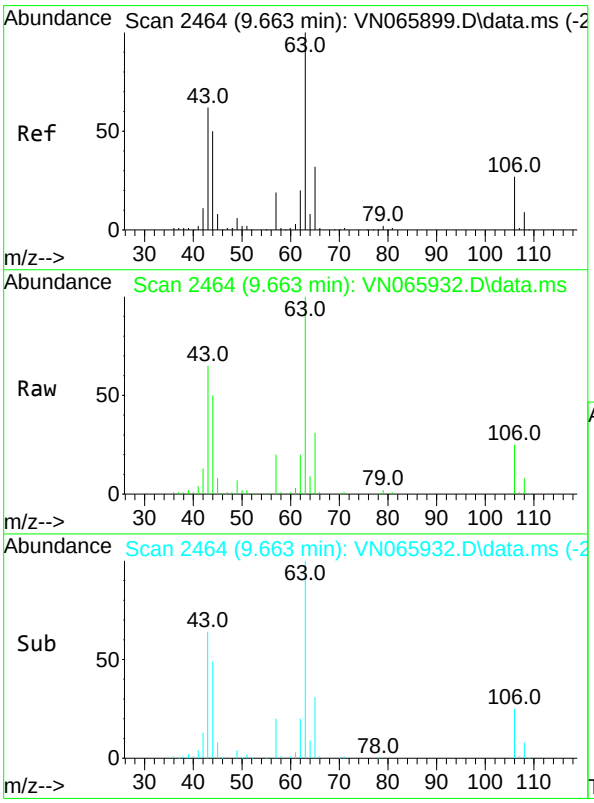


#57
1,3-Dichloropropane
Concen: 18.92 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. -0.001 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 76 Resp: 64445

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.7	38.5

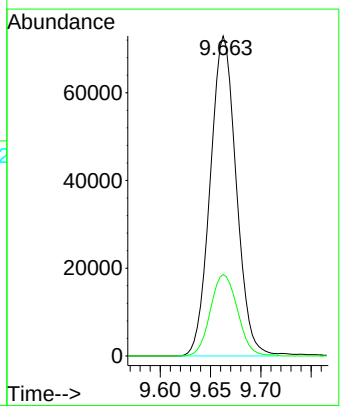




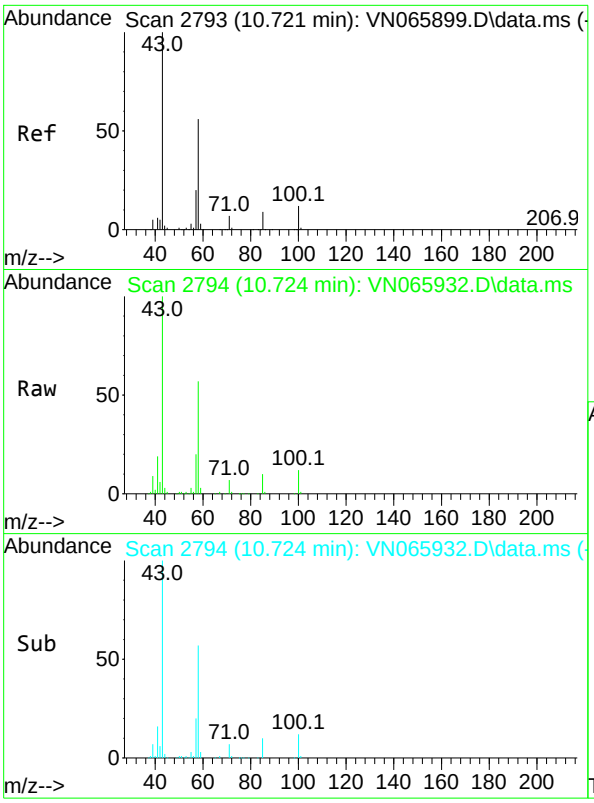
#58
2-Chloroethyl Vinyl ether
Concen: 94.57 ug/l
RT: 9.663 min Scan# 2464
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 63 Resp: 131185

Ion	Ratio	Lower	Upper
63	100		
106	26.6	22.6	33.8



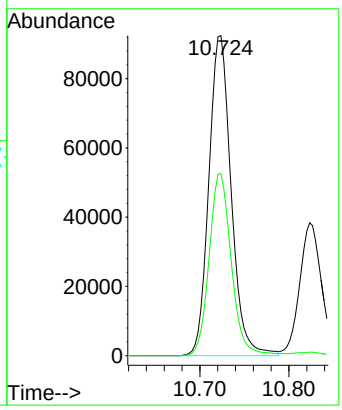
Instrument :
MSVOA_N
ClientSampleId :

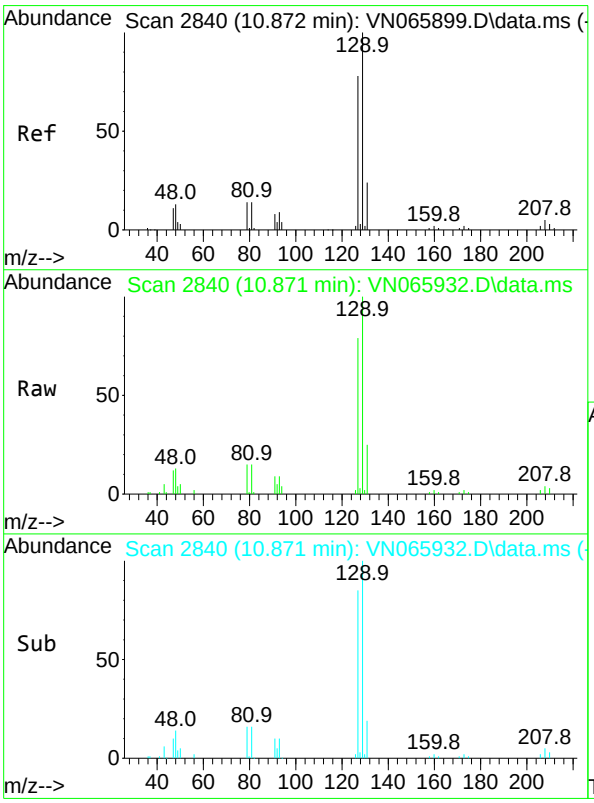


#59
2-Hexanone
Concen: 94.13 ug/l
RT: 10.724 min Scan# 2794
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 43 Resp: 160894

Ion	Ratio	Lower	Upper
43	100		
58	56.5	28.1	84.3

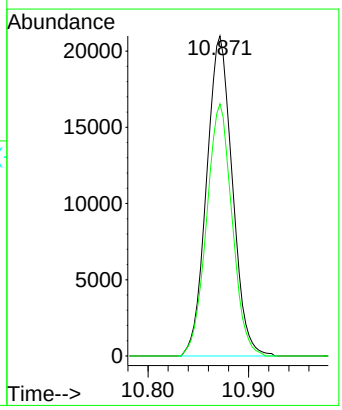


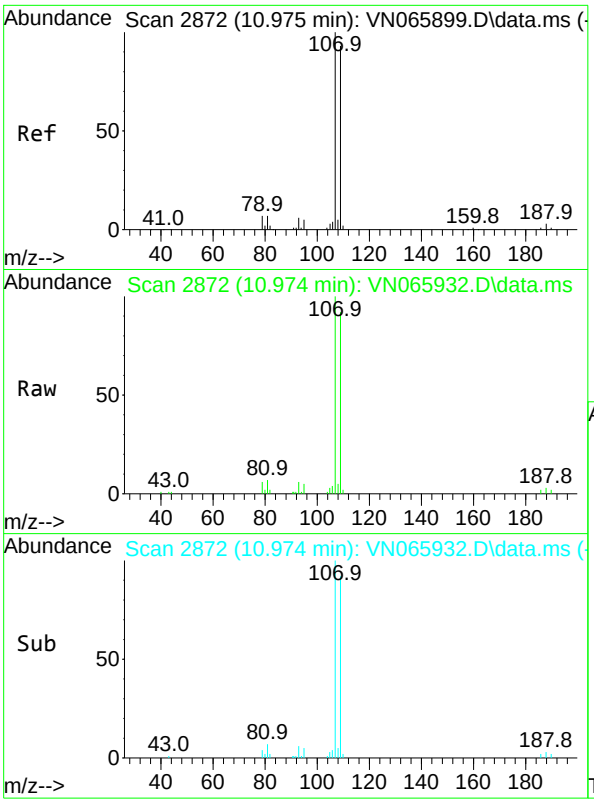


#60
Dibromochloromethane
Concen: 18.90 ug/l
RT: 10.871 min Scan# 2840
Delta R.T. -0.001 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:129 Resp: 37333

Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.5	115.5

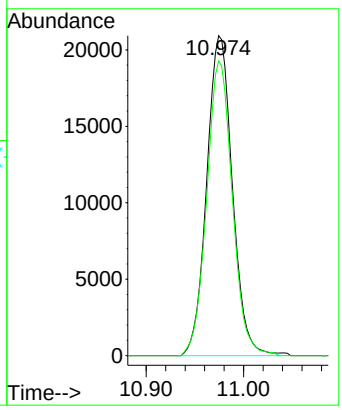




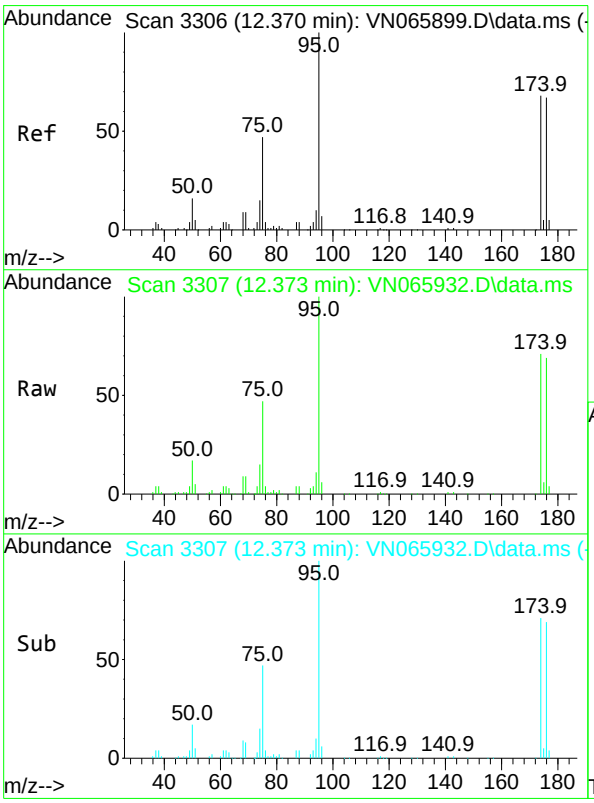
#61
1,2-Dibromoethane
Concen: 19.51 ug/l
RT: 10.974 min Scan# 2872
Delta R.T. -0.001 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:107 Resp: 38290

Ion	Ratio	Lower	Upper
107	100		
109	92.3	75.6	113.4



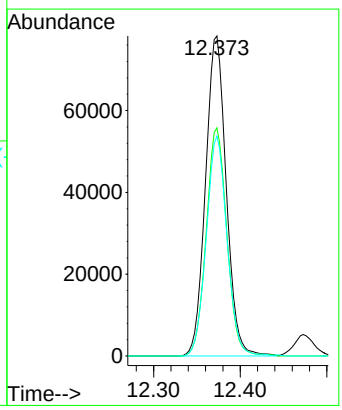
Instrument :
MSVOA_N
ClientSampleId :



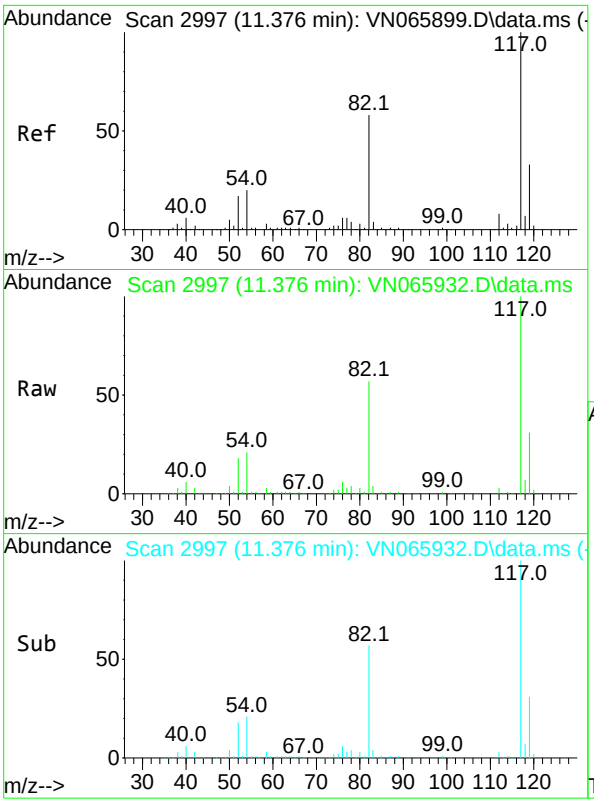
#62
4-Bromofluorobenzene
Concen: 49.03 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 95 Resp: 129945

Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	169.0
176	68.8	0.0	162.4



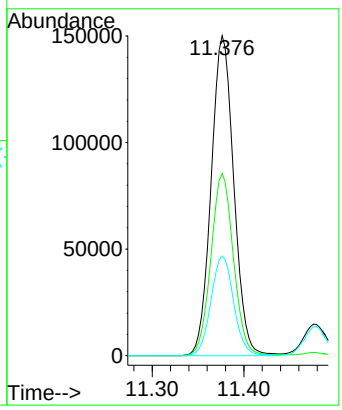
Instrument :
MSVOA_N
ClientSampleId :

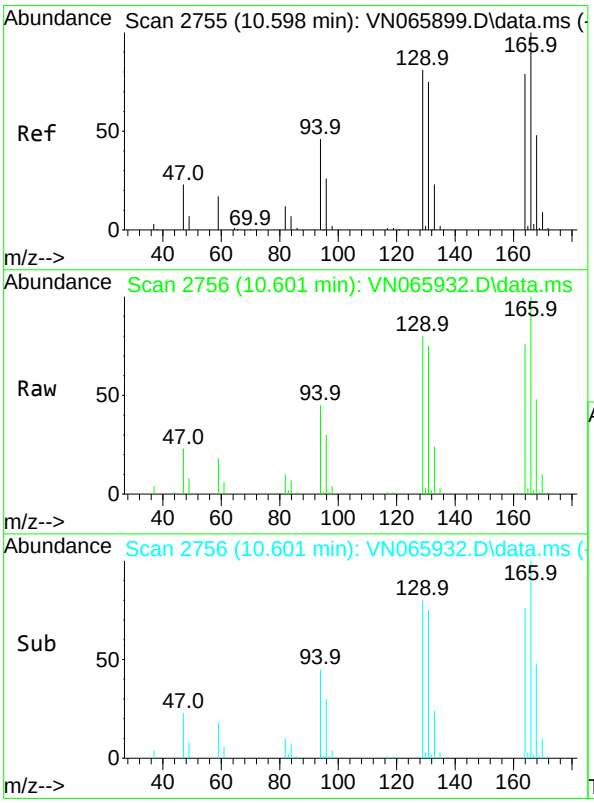


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:117 Resp: 257721

Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.7	65.5
119	31.1	26.1	39.1

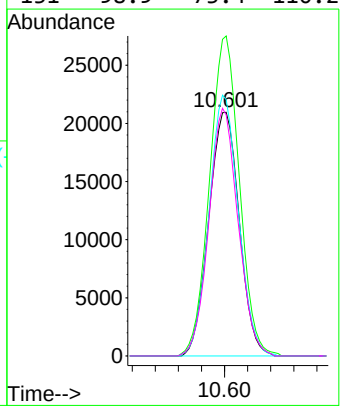




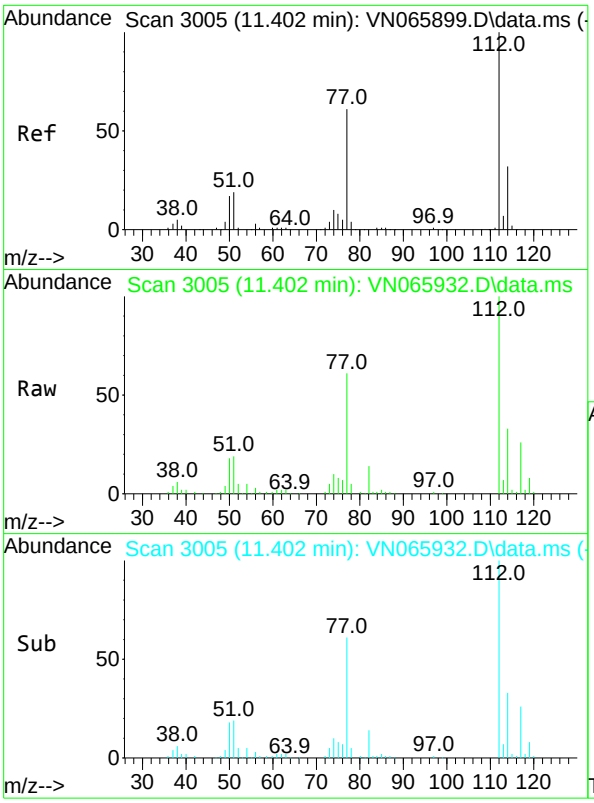
#64
Tetrachloroethene
Concen: 19.29 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:164 Resp: 38384

Ion	Ratio	Lower	Upper
164	100		
166	131.3	102.6	154.0
129	105.2	76.2	114.4
131	98.9	73.4	110.2



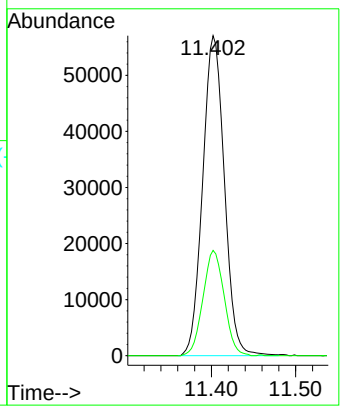
Instrument :
MSVOA_N
ClientSampleId :

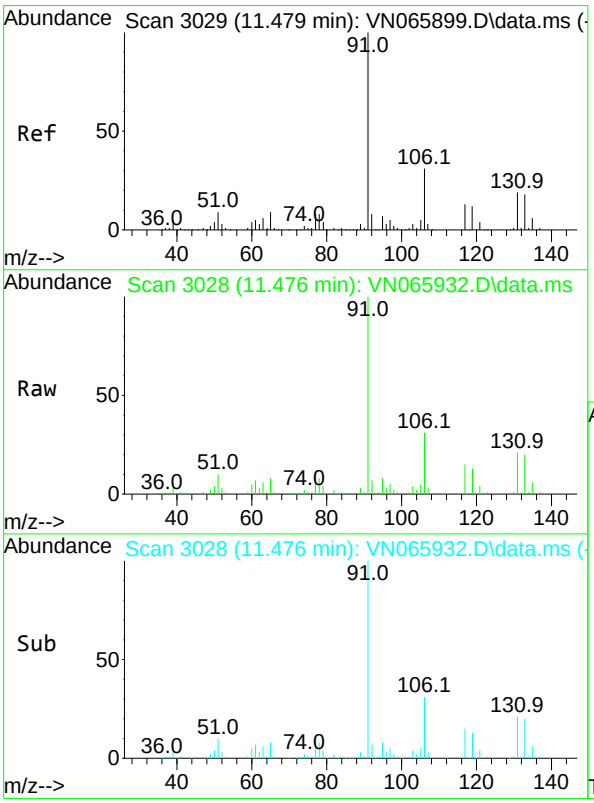


#65
Chlorobenzene
Concen: 18.99 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:112 Resp: 102328

Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.1	39.1

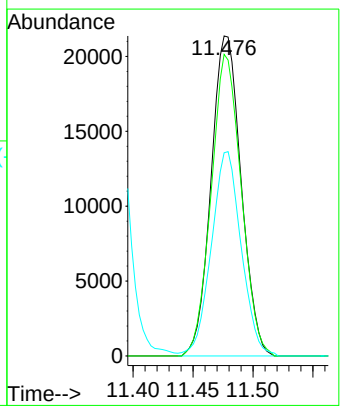




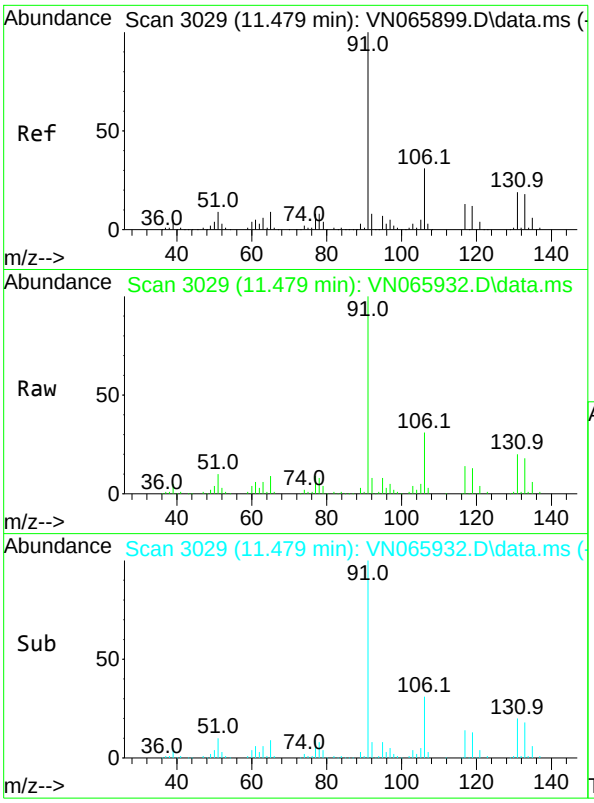
#66
1,1,1,2-Tetrachloroethane
Concen: 20.06 ug/l
RT: 11.476 min Scan# 3028
Delta R.T. -0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:131 Resp: 37143

Ion	Ratio	Lower	Upper
131	100		
133	94.3	48.0	144.0
119	63.6	34.1	102.2



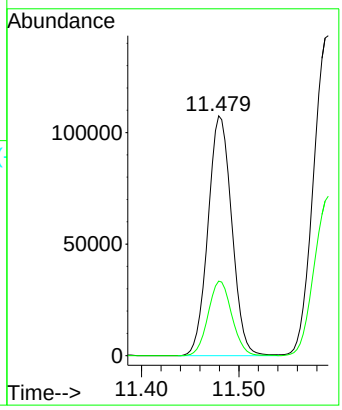
Instrument :
MSVOA_N
ClientSampleId :

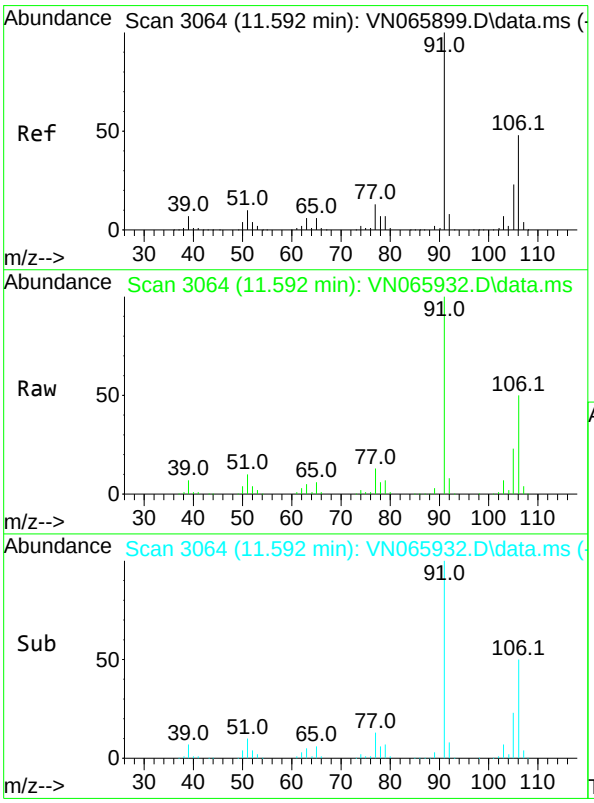


#67
Ethyl Benzene
Concen: 18.69 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 91 Resp: 182355

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.5	38.3

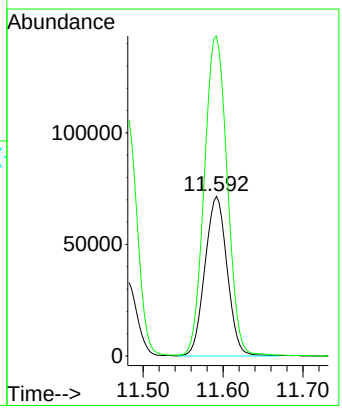




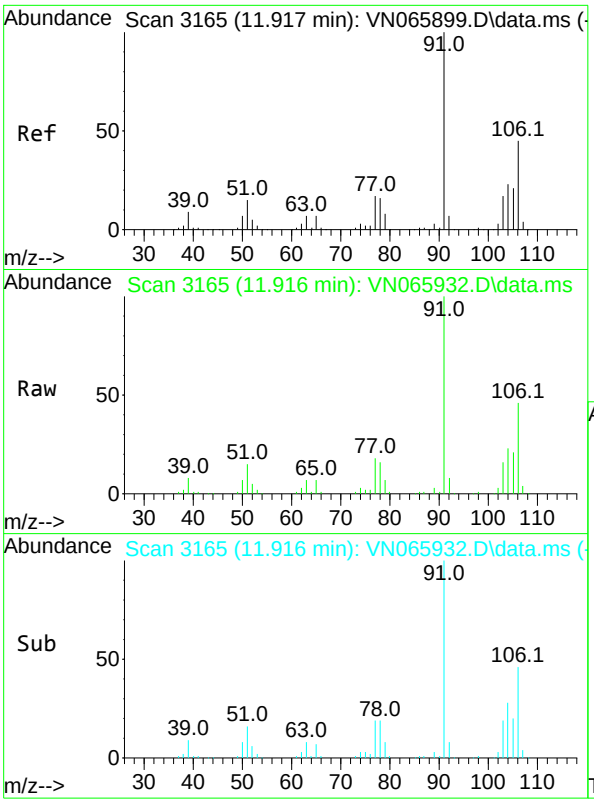
#68
m/p-Xylenes
Concen: 38.00 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:106 Resp: 138304

Ion	Ratio	Lower	Upper
106	100		
91	206.3	161.4	242.0



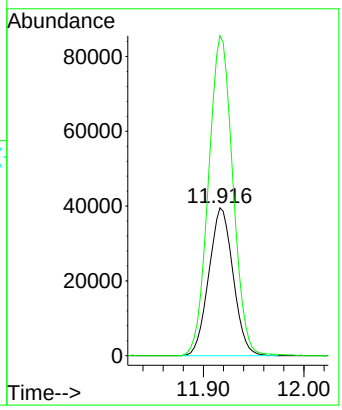
Instrument :
MSVOA_N
ClientSampleId :

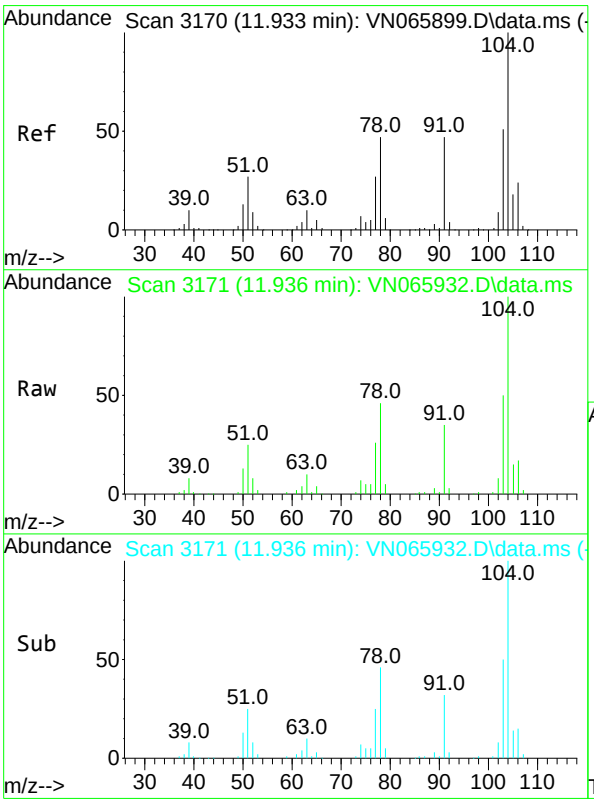


#69
o-Xylene
Concen: 18.90 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. -0.001 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:106 Resp: 66332

Ion	Ratio	Lower	Upper
106	100		
91	217.6	106.8	320.4

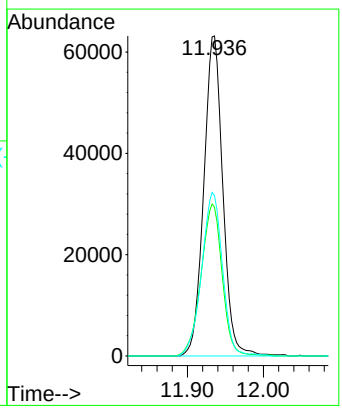


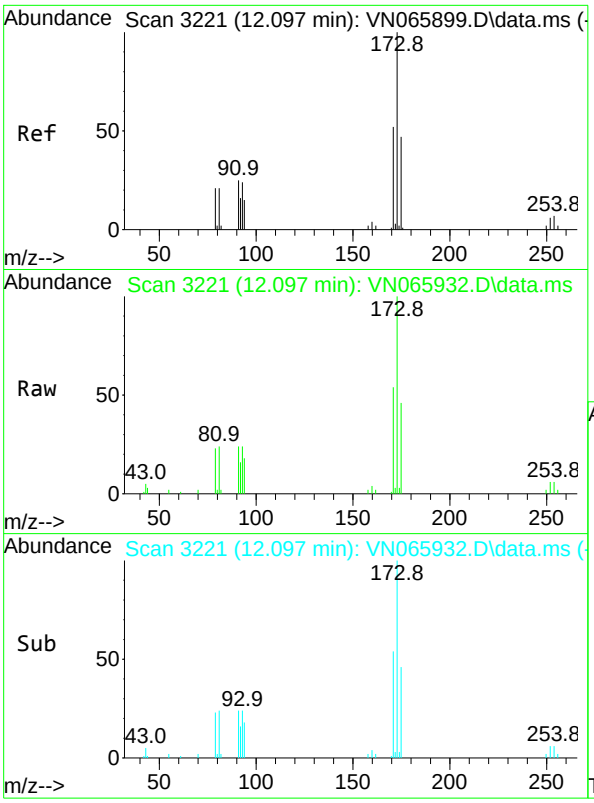


#70
Styrene
Concen: 19.05 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:104 Resp: 110090

Ion	Ratio	Lower	Upper
104	100		
78	52.4	39.0	58.4
103	55.4	44.5	66.7

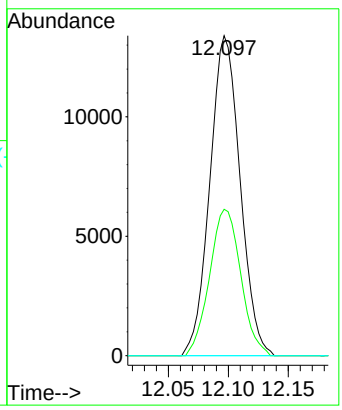




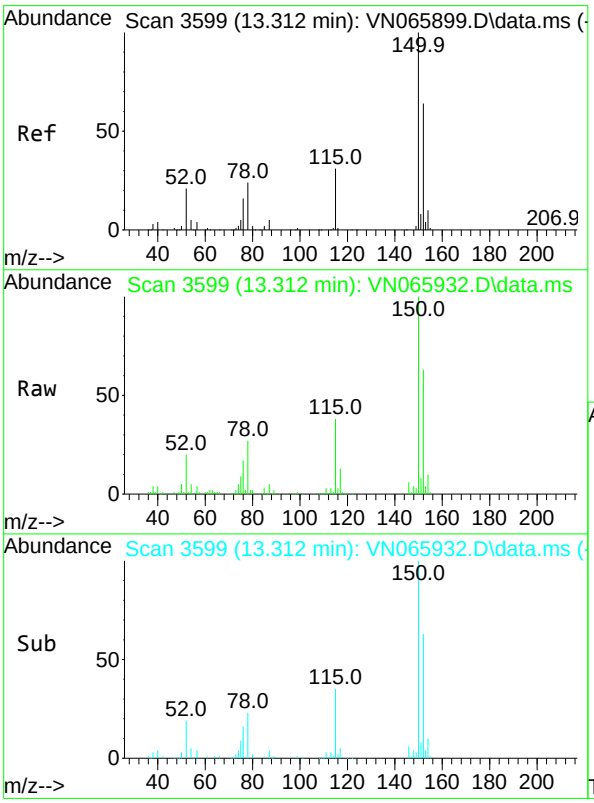
#71
Bromoform
Concen: 18.31 ug/l
RT: 12.097 min Scan# 3221
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:173 Resp: 23482

Ion	Ratio	Lower	Upper
173	100		
175	47.2	23.8	71.2
254	0.0	0.0	0.0



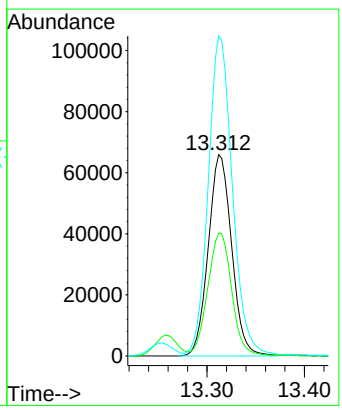
Instrument :
MSVOA_N
ClientSampleId :



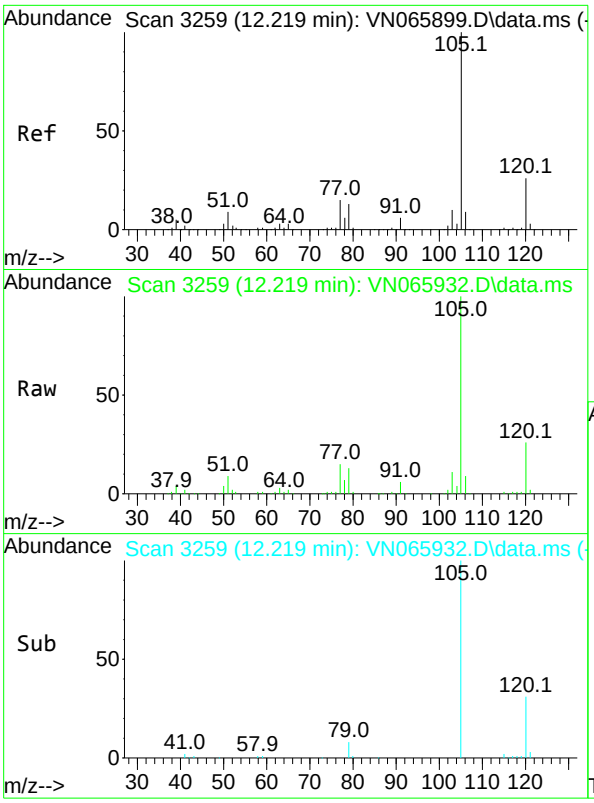
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:152 Resp: 110035

Ion	Ratio	Lower	Upper
152	100		
115	62.7	28.5	85.6
150	162.9	0.0	347.6



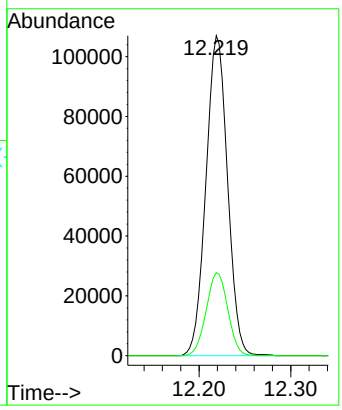
Instrument :
MSVOA_N
ClientSampleId :

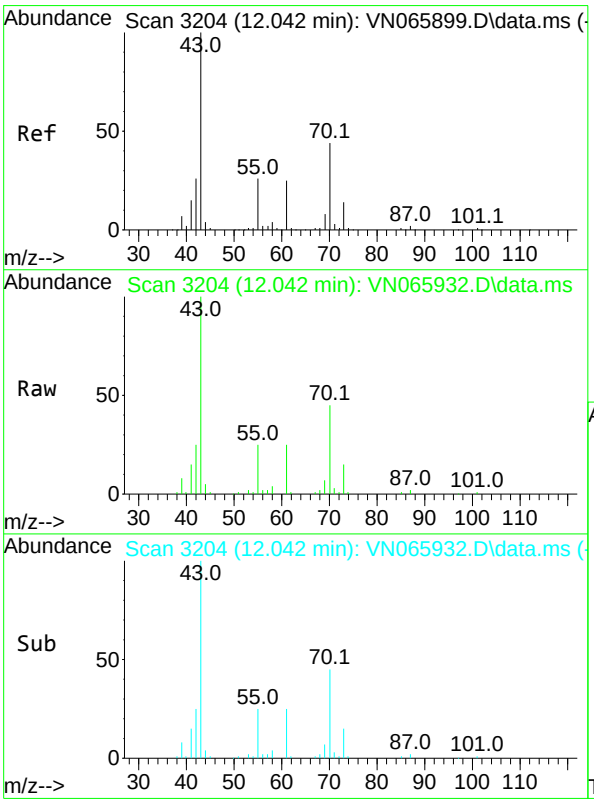


#73
Isopropylbenzene
Concen: 19.49 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:105 Resp: 175056

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.3	39.9

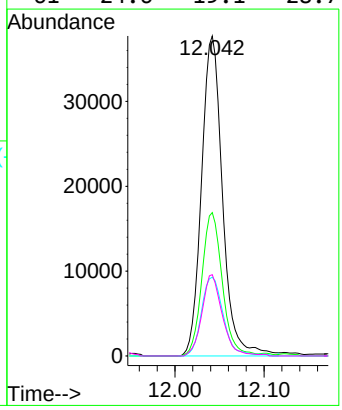




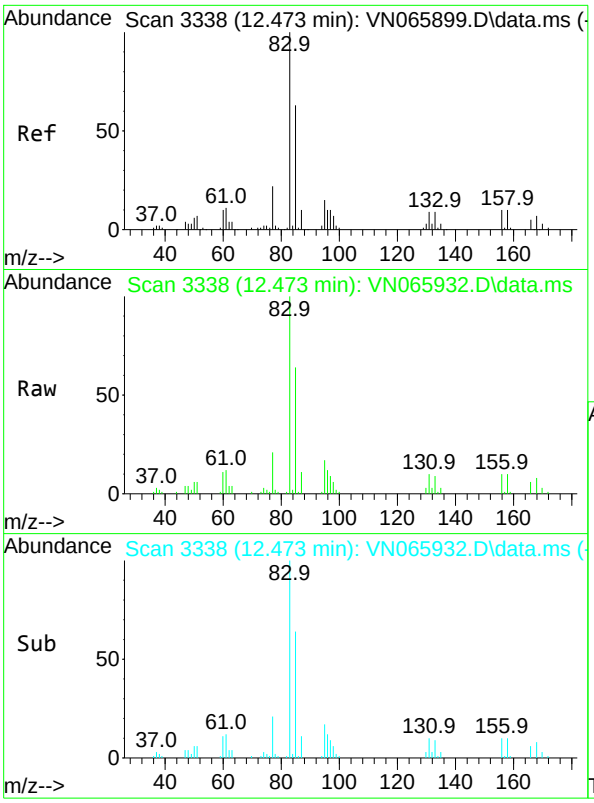
#74
N-amyl acetate
Concen: 19.81 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 43 Resp: 61727

Ion	Ratio	Lower	Upper
43	100		
70	43.6	34.4	51.6
55	25.7	20.7	31.1
61	24.6	19.1	28.7



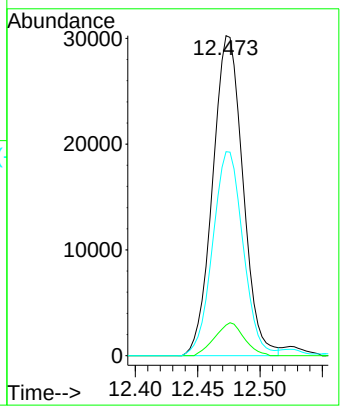
Instrument :
MSVOA_N
ClientSampleId :

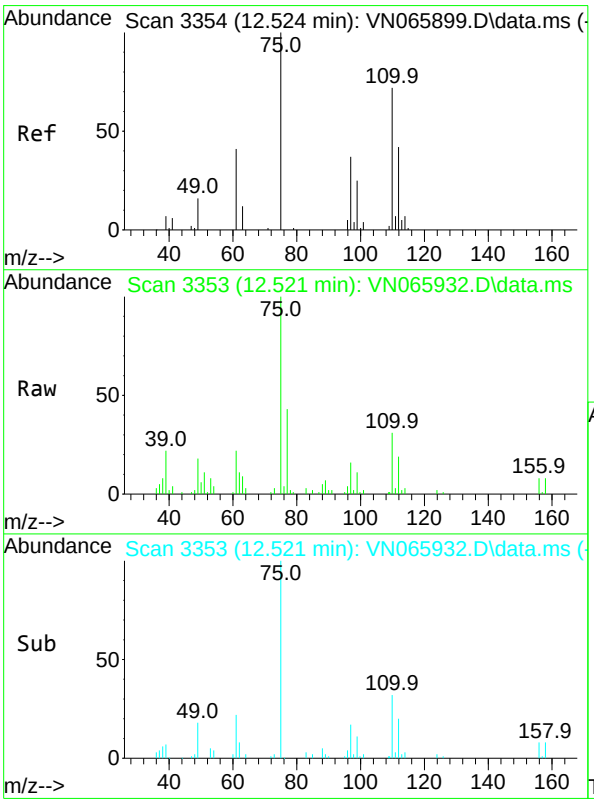


#75
1,1,2,2-Tetrachloroethane
Concen: 19.31 ug/l
RT: 12.473 min Scan# 3338
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 83 Resp: 51165

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.3	15.8
85	63.9	32.0	96.0

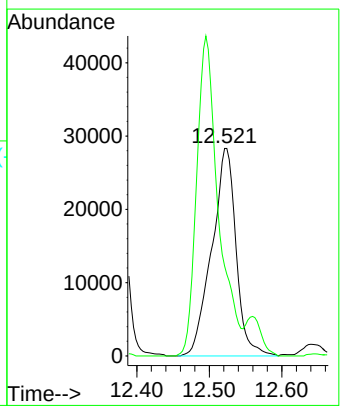




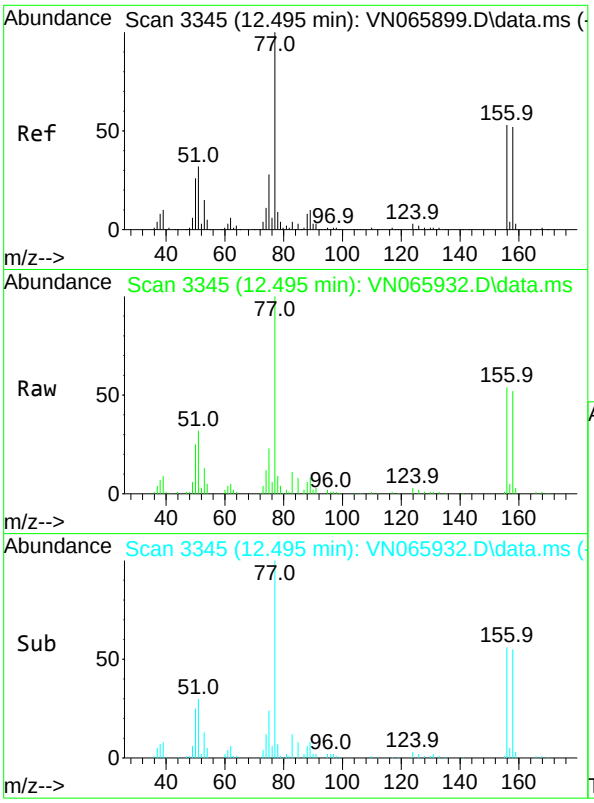
#76
1,2,3-Trichloropropane
Concen: 24.99 ug/l
RT: 12.521 min Scan# 3353
Delta R.T. -0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 75 Resp: 66045

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



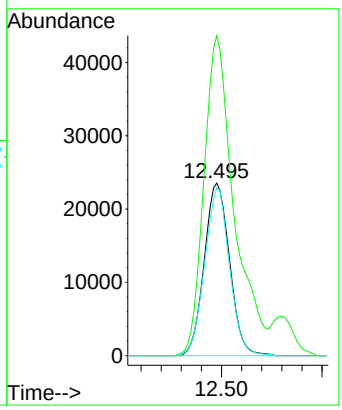
Instrument :
MSVOA_N
ClientSampleId :

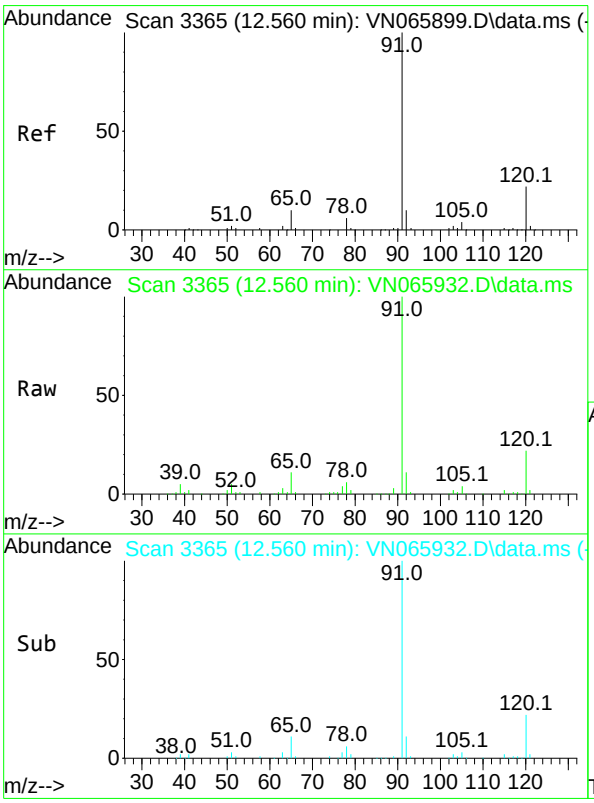


#77
Bromobenzene
Concen: 20.04 ug/l
RT: 12.495 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:156 Resp: 41183

Ion	Ratio	Lower	Upper
156	100		
77	221.4	96.3	288.8
158	95.8	49.0	147.0

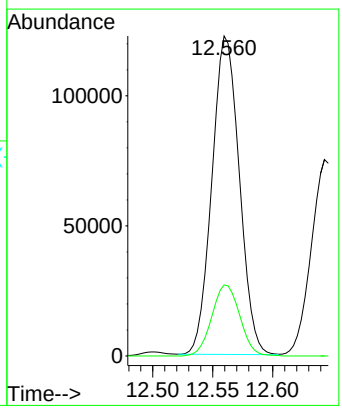


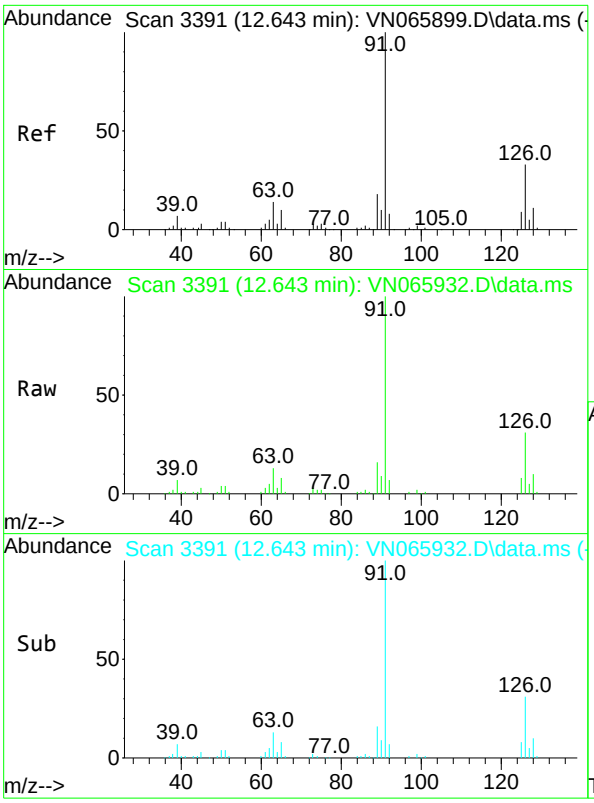


#78
n-propylbenzene
Concen: 19.02 ug/l
RT: 12.560 min Scan# 3365
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 91 Resp: 194218

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.8	35.3

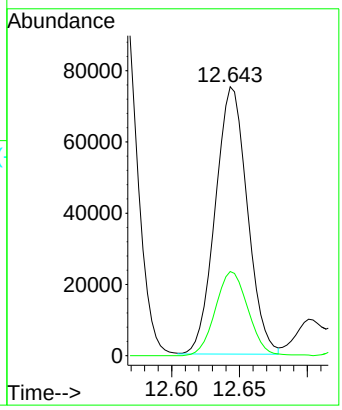




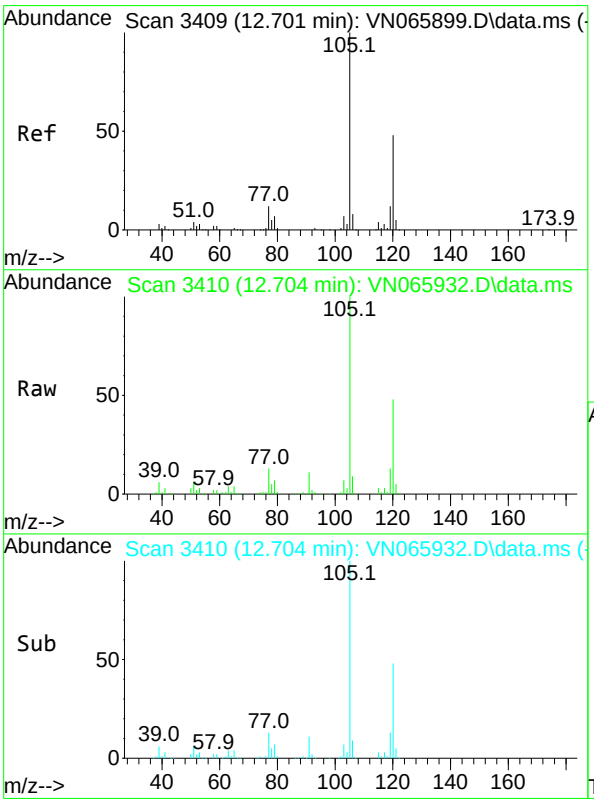
#79
2-Chlorotoluene
Concen: 19.27 ug/l
RT: 12.643 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 91 Resp: 123319

Ion	Ratio	Lower	Upper
91	100		
126	32.1	17.4	52.3



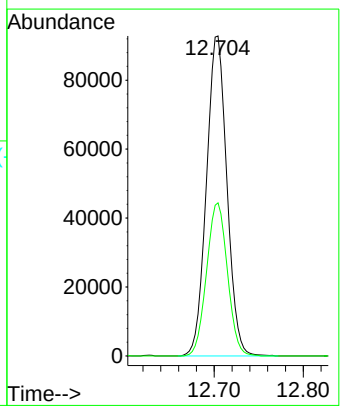
Instrument :
MSVOA_N
ClientSampleId :



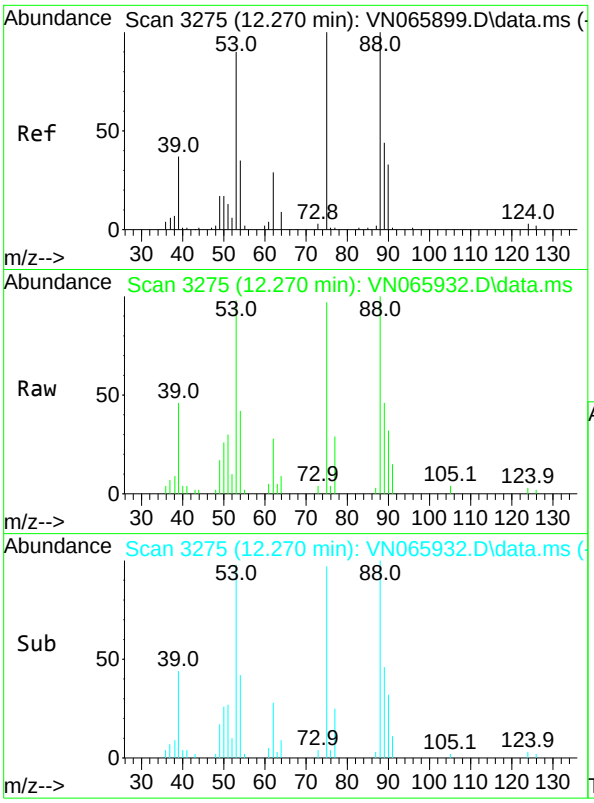
#80
1,3,5-Trimethylbenzene
Concen: 19.38 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:105 Resp: 147872

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.3	72.8



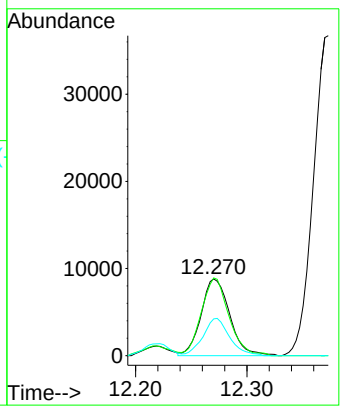
Instrument :
MSVOA_N
ClientSampleId :

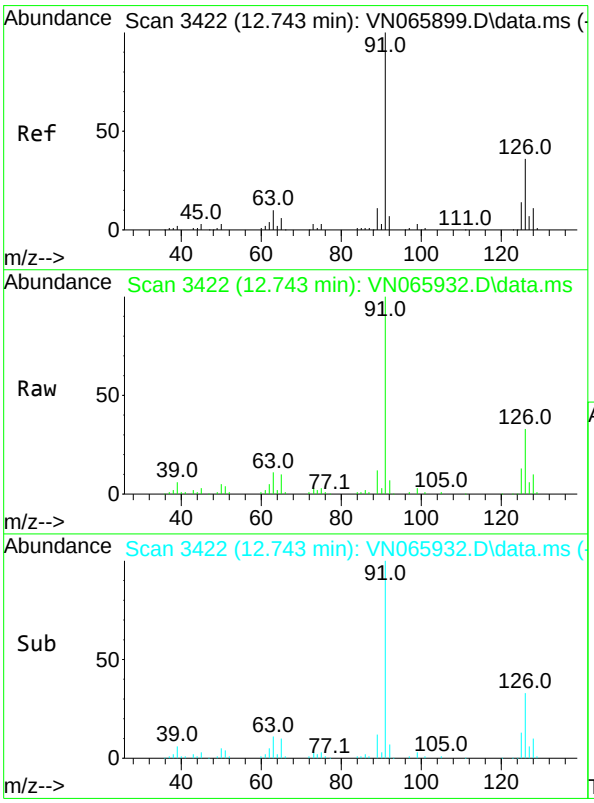


#81
trans-1,4-Dichloro-2-butene
Concen: 18.95 ug/l
RT: 12.270 min Scan# 3275
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 75 Resp: 15718

Ion	Ratio	Lower	Upper
75	100		
53	97.5	74.6	111.8
89	45.3	35.8	53.8

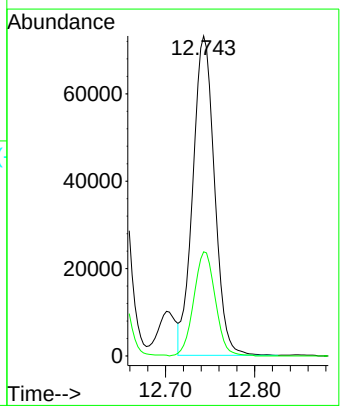




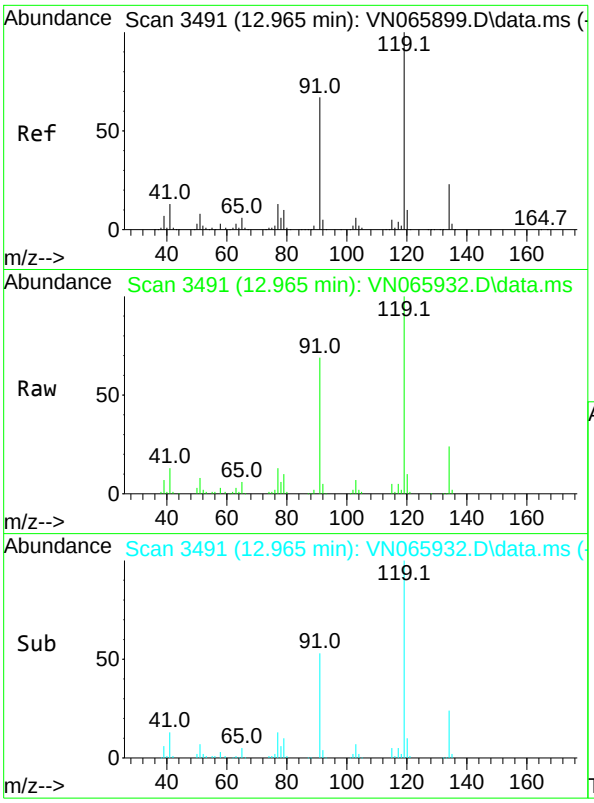
#82
4-Chlorotoluene
Concen: 19.08 ug/l
RT: 12.743 min Scan# 3422
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 91 Resp: 123355

Ion	Ratio	Lower	Upper
91	100		
126	32.5	17.2	51.6



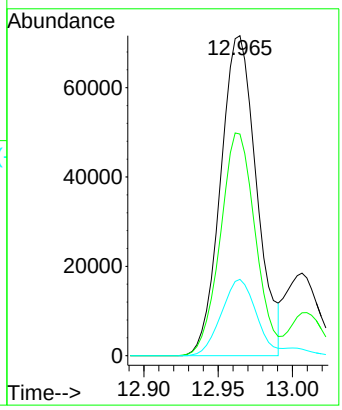
Instrument :
MSVOA_N
ClientSampleId :

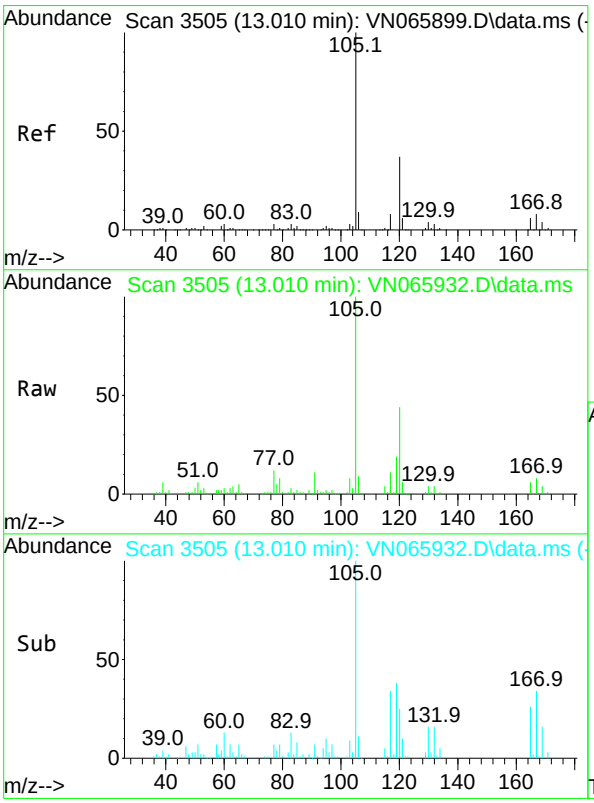


#83
tert-Butylbenzene
Concen: 19.16 ug/l
RT: 12.965 min Scan# 3491
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:119 Resp: 120779

Ion	Ratio	Lower	Upper
119	100		
91	67.7	33.0	98.9
134	23.3	12.7	38.1

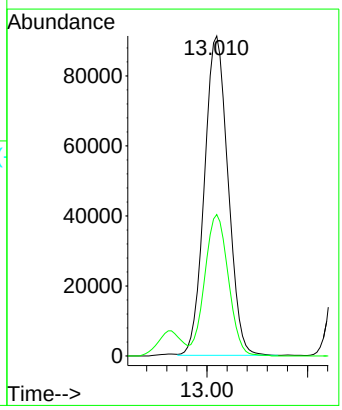




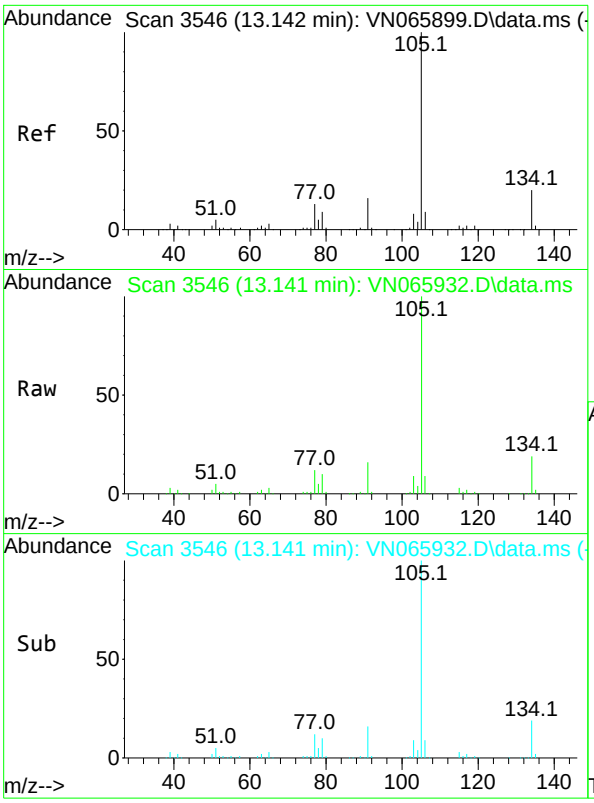
#84
1,2,4-Trimethylbenzene
Concen: 19.41 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:105 Resp: 148667

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.0



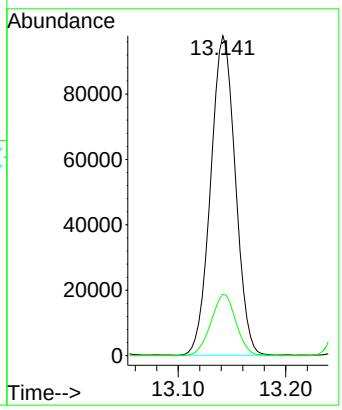
Instrument :
MSVOA_N
ClientSampleId :

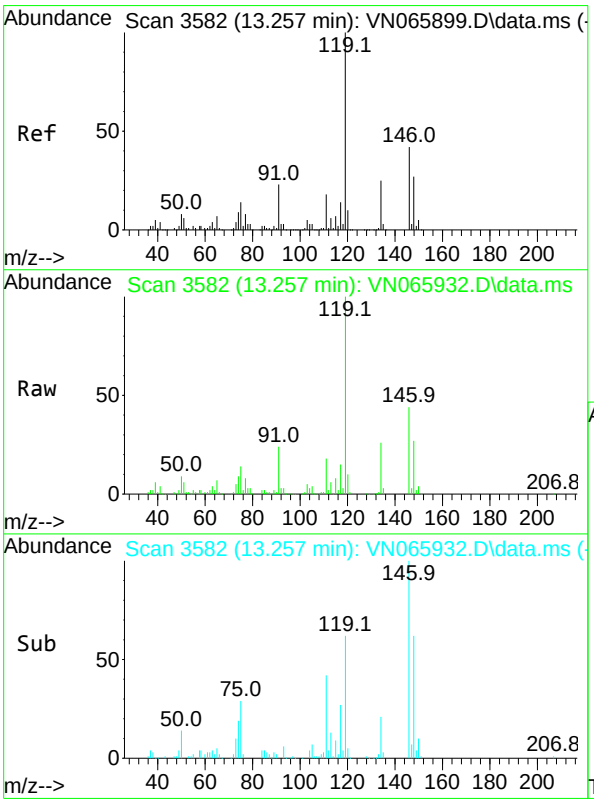


#85
sec-Butylbenzene
Concen: 19.03 ug/l
RT: 13.141 min Scan# 3546
Delta R.T. -0.001 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:105 Resp: 155753

Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.0	30.0

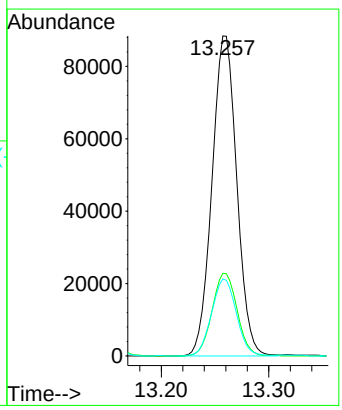




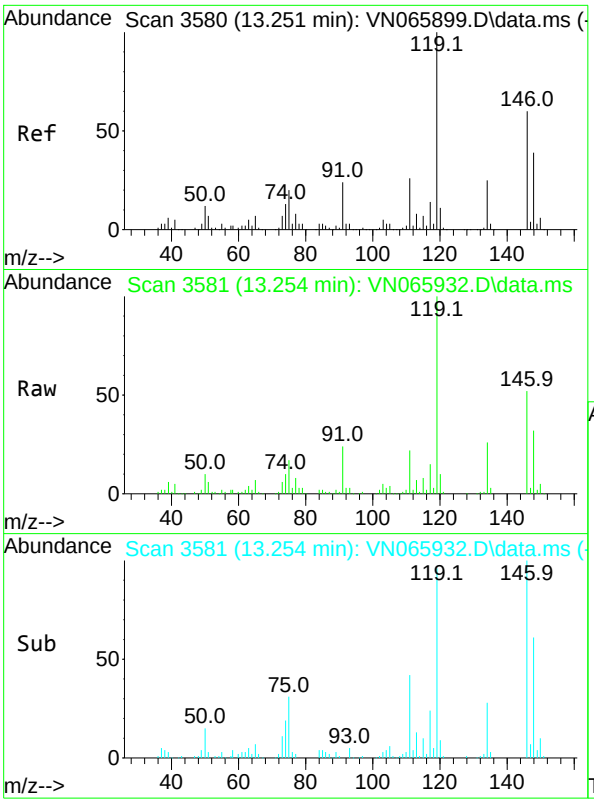
#86
p-Isopropyltoluene
Concen: 19.06 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:119 Resp: 141613

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.3	39.8
91	24.1	11.8	35.3



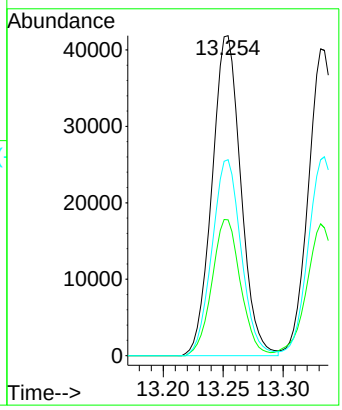
Instrument :
MSVOA_N
ClientSampleId :

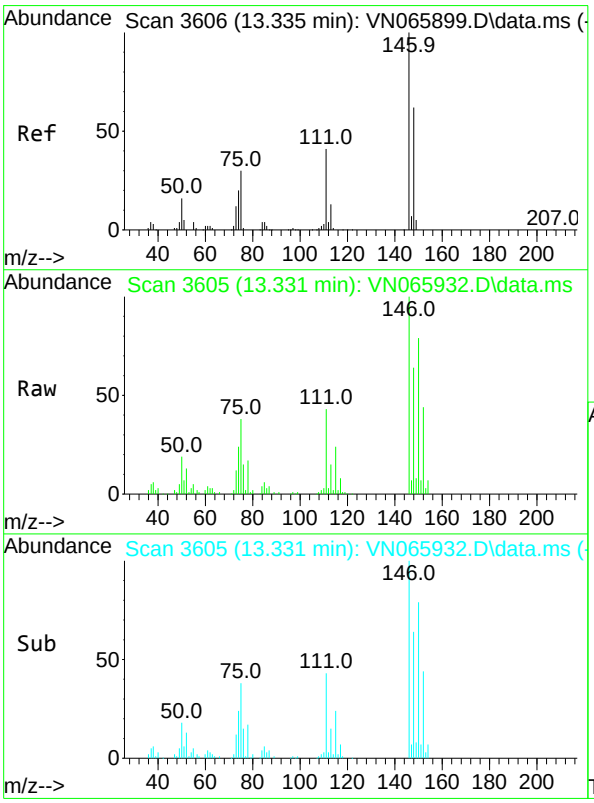


#87
1,3-Dichlorobenzene
Concen: 19.23 ug/l
RT: 13.254 min Scan# 3581
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:146 Resp: 69951

Ion	Ratio	Lower	Upper
146	100		
111	42.1	19.5	58.5
148	62.1	32.3	96.9

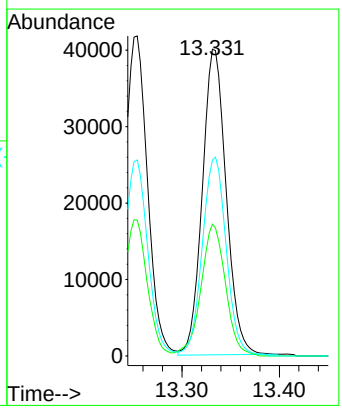




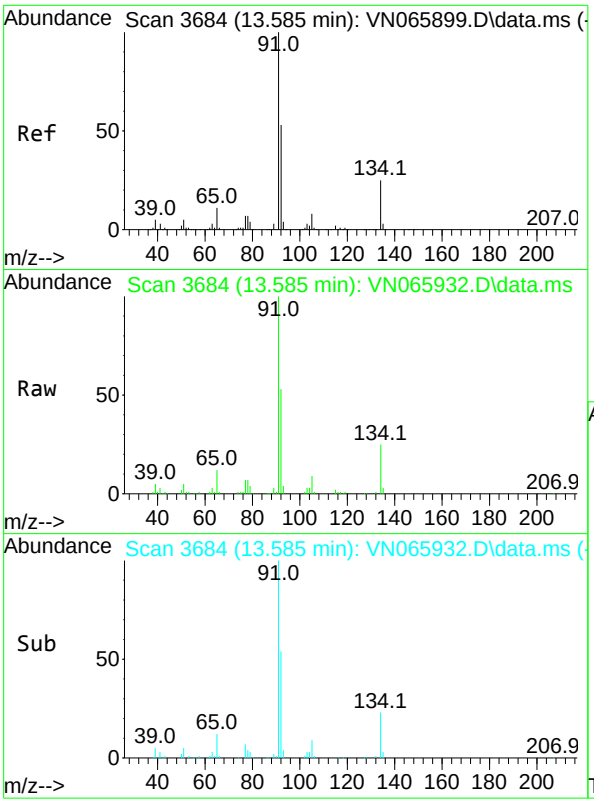
#88
1,4-Dichlorobenzene
Concen: 18.31 ug/l
RT: 13.331 min Scan# 3605
Delta R.T. -0.004 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:146 Resp: 68040

Ion	Ratio	Lower	Upper
146	100		
111	44.3	19.0	57.0
148	65.7	31.8	95.3



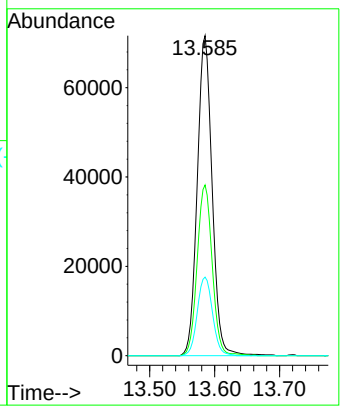
Instrument :
MSVOA_N
ClientSampleId :

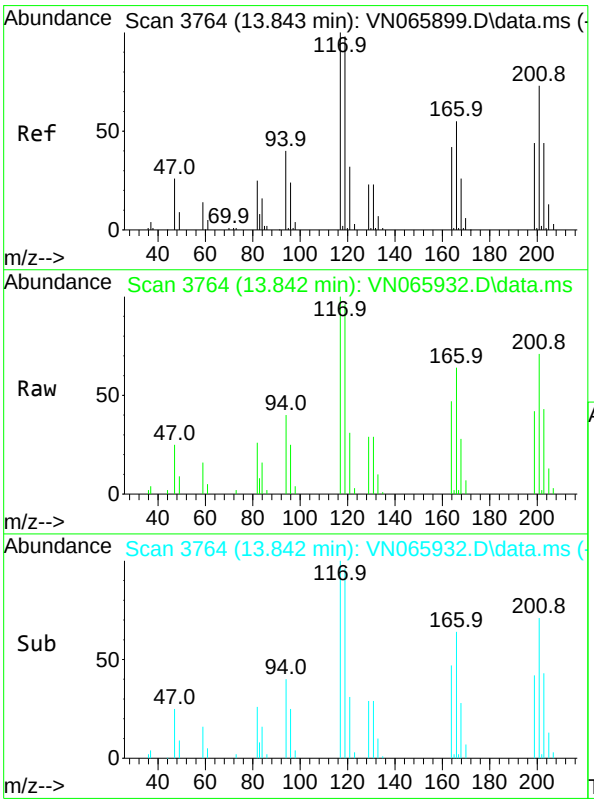


#89
n-Butylbenzene
Concen: 18.25 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 91 Resp: 114349

Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.1	78.3
134	25.2	13.0	38.9

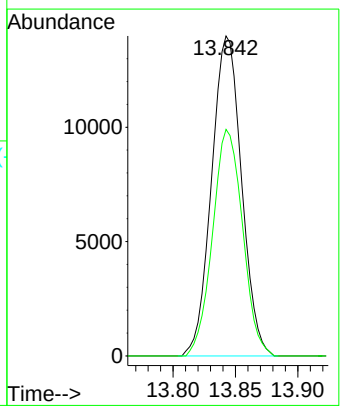




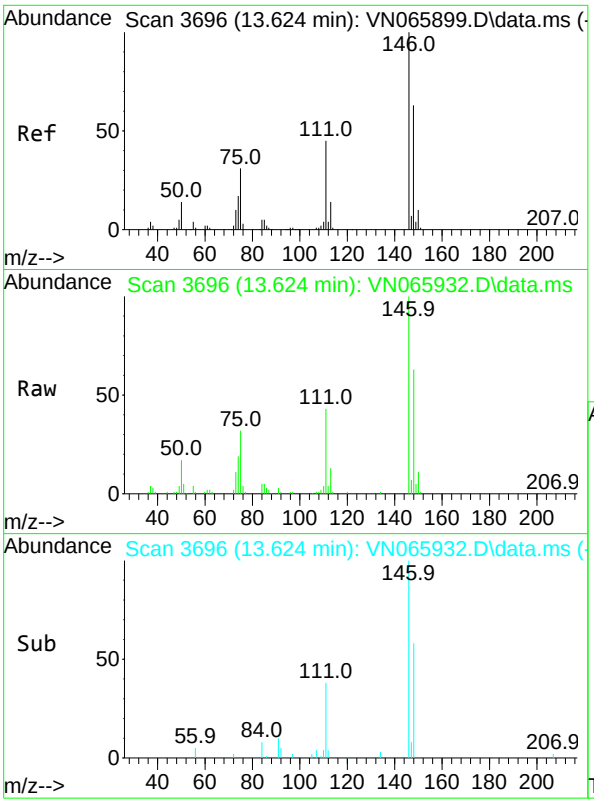
#90
Hexachloroethane
Concen: 18.63 ug/l
RT: 13.842 min Scan# 3764
Delta R.T. -0.001 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:117 Resp: 23435

Ion	Ratio	Lower	Upper
117	100		
201	70.8	37.8	113.3



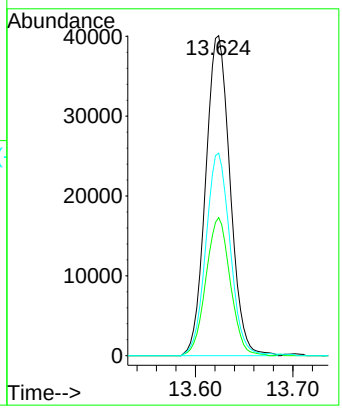
Instrument :
MSVOA_N
ClientSampleId :

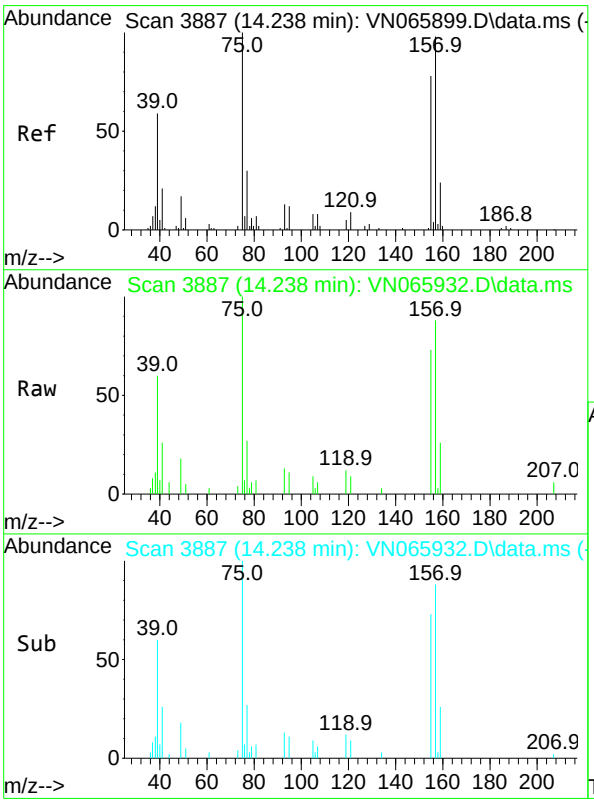


#91
1,2-Dichlorobenzene
Concen: 19.16 ug/l
RT: 13.624 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:146 Resp: 69876

Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.1	60.3
148	63.2	32.0	96.0

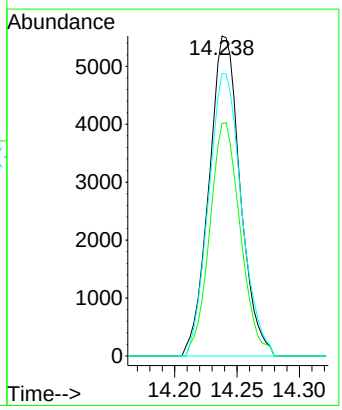




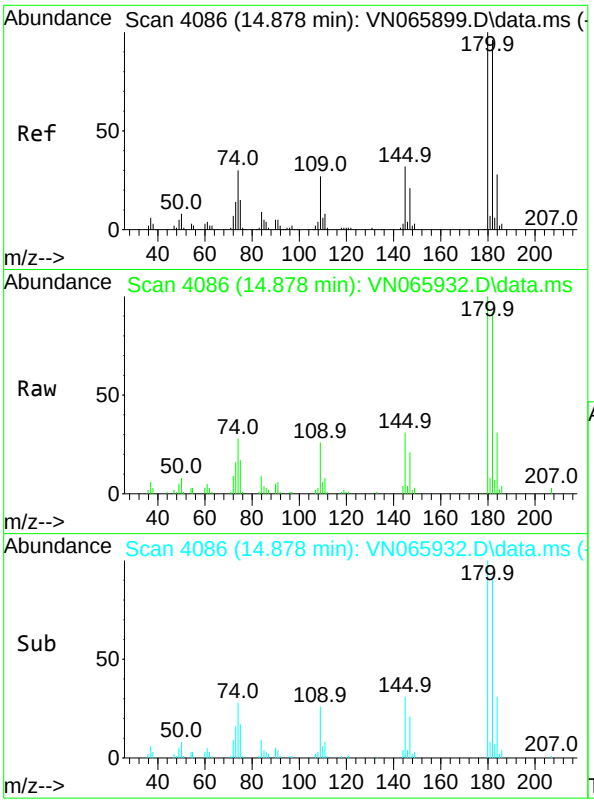
#92
1,2-Dibromo-3-Chloropropane
Concen: 19.00 ug/l
RT: 14.238 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion: 75 Resp: 9645

Ion	Ratio	Lower	Upper
75	100		
155	71.2	44.1	132.4
157	92.6	56.0	168.2



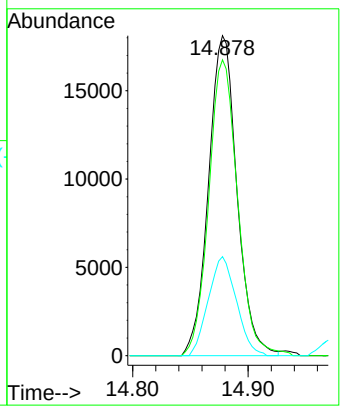
Instrument :
MSVOA_N
ClientSampleId :

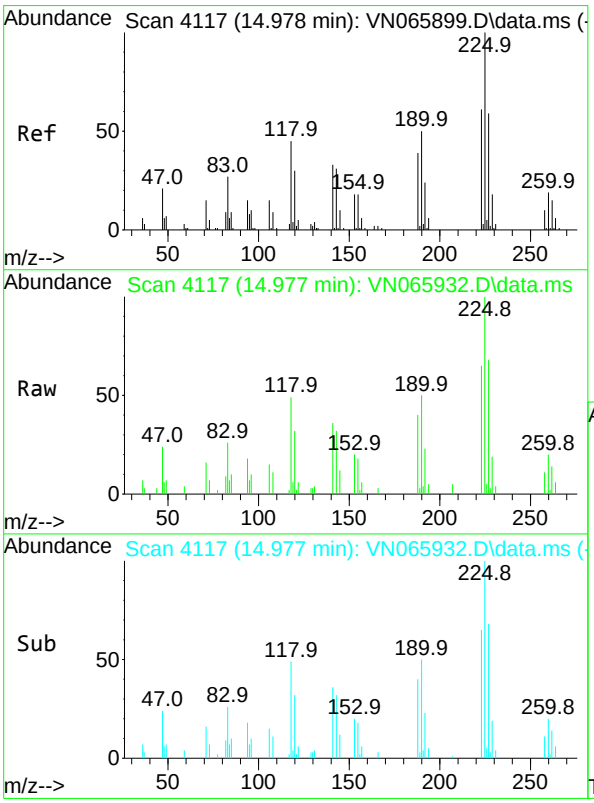


#93
1,2,4-Trichlorobenzene
Concen: 17.42 ug/l
RT: 14.878 min Scan# 4086
Delta R.T. -0.000 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:180 Resp: 30960

Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	142.0
145	30.5	15.6	46.8

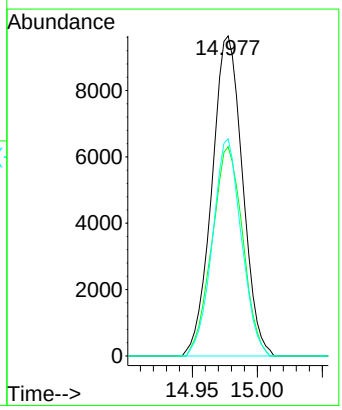




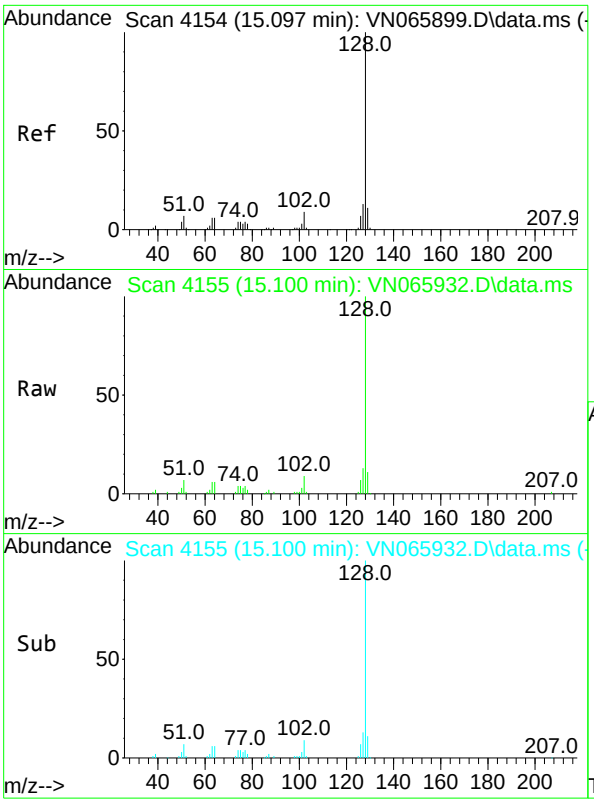
#94
Hexachlorobutadiene
Concen: 18.64 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. -0.001 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:225 Resp: 15782

Ion	Ratio	Lower	Upper
225	100		
223	65.5	31.9	95.9
227	64.1	31.6	95.0



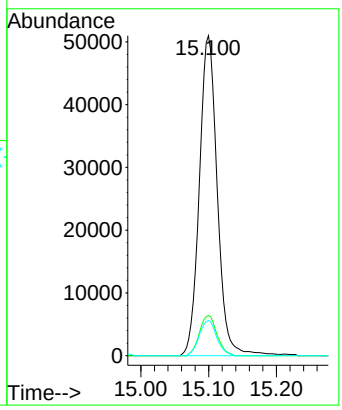
Instrument :
MSVOA_N
ClientSampleId :

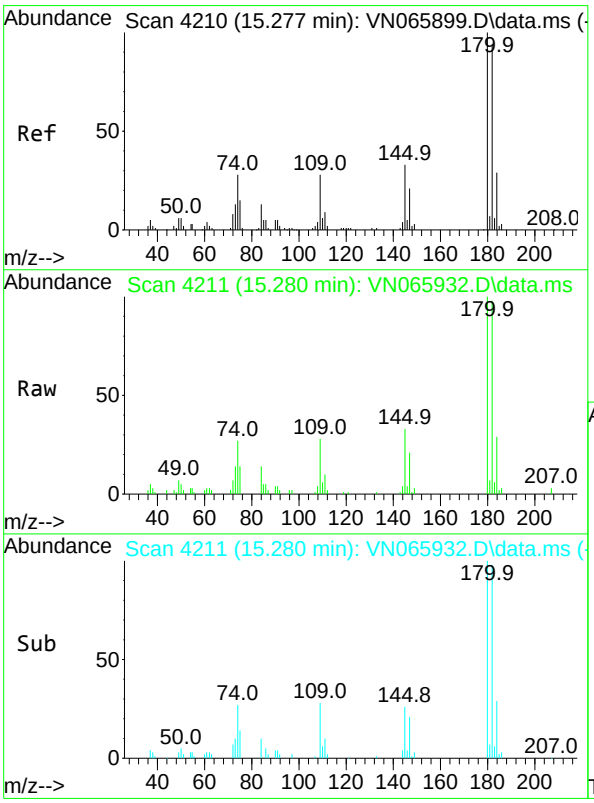


#95
Naphthalene
Concen: 16.84 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

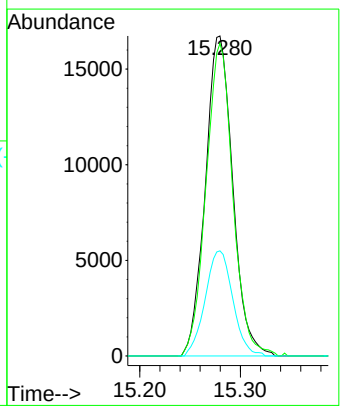
Tgt Ion:128 Resp: 93679

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.7	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 17.60 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. 0.003 min
Lab File: VN065932.D
Acq: 18 Feb 2021 11:16

Tgt Ion:180 Resp: 31702

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.3
145	33.1	16.5	49.5