Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031921\
Data File : VX021285.D
Acq On : 18 Mar 2021 18:07
Operator : JC/MD
Sample : VX0319WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Mar 19 02:52:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 12 12:55:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.982	128	15943	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.829	114	90411	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.094	117	83783	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.035	65	44470	30.30	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.00%				
60) 4-Bromofluorobenzene	11.118	95	45793	29.89	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.63%				
63) Toluene-d8	8.694	98	114103	30.02	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.07%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.187	85	20580	19.67	ug/l		100
3) Chloromethane	1.311	50	28974	26.61	ug/l		99
4) Vinyl Chloride	1.393	62	20845	19.16	ug/l		99
5) Bromomethane	1.622	94	11248	17.41	ug/l		97
6) Chloroethane	1.711	64	13043	19.41	ug/l		93
7) Trichlorofluoromethane	1.917	101	34205	20.16	ug/l		97
8) Diethyl Ether	2.170	74	11379	19.90	ug/l		77
9) 1,1,2-Trichlorotrifluo...	2.364	101	18364	20.09	ug/l		96
10) 1,1-Dichloroethene	2.352	96	17930	20.29	ug/l		86
11) Methyl Iodide	2.493	142	15068	12.89	ug/l		93
12) Methyl Acetate	2.752	43	32386	21.71	ug/l	#	89
13) Acrolein	2.275	56	22620	119.77	ug/l		100
14) Acrylonitrile	3.117	53	59524	106.15	ug/l		98
15) Acetone	2.422	58	15555	103.59	ug/l		76
16) Carbon Disulfide	2.552	76	49298	19.00	ug/l		98
17) Allyl chloride	2.705	41	36588	19.49	ug/l		87
18) Methylene Chloride	2.834	84	21278	19.84	ug/l	#	83
19) trans-1,2-Dichloroethene	3.146	96	19868	20.26	ug/l		90
20) Diisopropyl ether	3.829	45	74460	20.37	ug/l		94
21) 1,1-Dichloroethane	3.670	63	38943	19.98	ug/l		98
22) cis-1,2-Dichloroethene	4.564	96	23144	20.30	ug/l		90
23) tert-Butyl Alcohol	3.017	59	25138	100.92	ug/l	#	100
24) Methyl tert-Butyl Ether	3.170	73	69092	20.48	ug/l	#	84
25) Chloroform	5.176	83	41249	20.31	ug/l		99
26) Cyclohexane	5.546	56	33734	19.50	ug/l	#	91
29) 1,1-Dichloropropene	5.776	75	28814	19.11	ug/l		97
30) 2-Butanone	4.635	43	86262	102.41	ug/l	#	87
31) 2,2-Dichloropropane	4.546	77	32758	19.36	ug/l		96
32) 1,1,1-Trichloroethane	5.464	97	36115	19.64	ug/l		95
33) Carbon Tetrachloride	5.758	117	31975	19.83	ug/l		100
34) Benzene	6.111	78	85280	19.75	ug/l		99
35) Methacrylonitrile	4.999	41	19088	19.94	ug/l		89
36) 1,2-Dichloroethane	6.164	62	36851	19.77	ug/l	#	93
37) Trichloroethene	7.188	130	21367	18.88	ug/l		93
38) Methylcyclohexane	7.441	83	32729	19.21	ug/l		91
39) 1,2-Dichloropropane	7.488	63	22441	19.16	ug/l		95
40) Dibromomethane	7.635	93	16110	19.42	ug/l		93
41) Bromodichloromethane	7.876	83	33619	19.39	ug/l		99
42) Vinyl Acetate	3.781	43	313010	98.22	ug/l	#	92

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031921\
Data File : VX021285.D
Acq On : 18 Mar 2021 18:07
Operator : JC/MD
Sample : VX0319WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Mar 19 02:52:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 12 12:55:27 2021
Response via : Initial Calibration

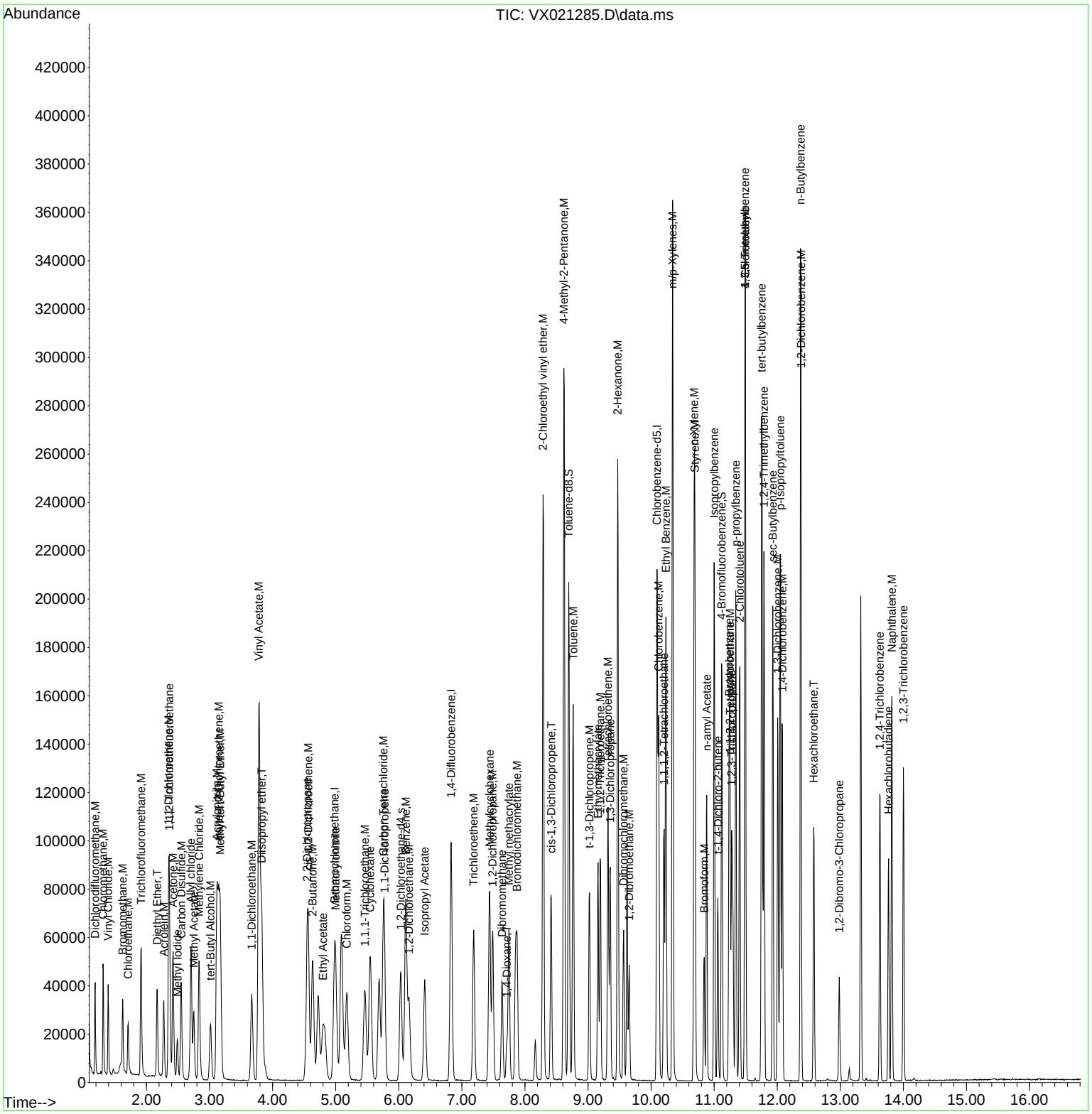
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	4.799	43	34031	20.25	ug/l		99
44) Isopropyl Acetate	6.411	43	55279	19.76	ug/l		92
45) 1,4-Dioxane	7.711	88	11144	427.11	ug/l	#	86
46) Methyl methacrylate	7.747	41	29891	19.92	ug/l		81
47) n-amyl Acetate	10.882	43	49720	20.35	ug/l		92
48) t-1,3-Dichloropropene	9.023	75	34023	19.09	ug/l		98
49) cis-1,3-Dichloropropene	8.417	75	36868	19.42	ug/l	#	87
50) 1,1,2-Trichloroethane	9.194	97	22159	19.98	ug/l		94
51) Ethyl methacrylate	9.159	69	34851	19.83	ug/l	#	72
52) 1,3-Dichloropropane	9.353	76	38787	20.11	ug/l		98
53) Dibromochloromethane	9.565	129	24982	19.50	ug/l		99
54) 1,2-Dibromoethane	9.653	107	24247	20.68	ug/l		100
55) 2-Chloroethyl vinyl ether	8.288	63	91100	98.54	ug/l		97
56) Bromoform	10.841	173	17145	18.94	ug/l		99
58) 4-Methyl-2-Pentanone	8.617	43	177153	104.43	ug/l	#	89
59) 2-Hexanone	9.470	43	134795	105.44	ug/l		87
61) Tetrachloroethene	9.318	164	19239	17.72	ug/l		97
62) Toluene	8.765	91	92486	19.92	ug/l		98
64) Chlorobenzene	10.118	112	57638	20.08	ug/l		96
65) 1,1,1,2-Tetrachloroethane	10.206	131	22137	20.31	ug/l		97
66) Ethyl Benzene	10.235	91	104864	19.63	ug/l		99
67) m/p-Xylenes	10.341	106	76359	39.71	ug/l		95
68) o-Xylene	10.682	106	37140	19.95	ug/l		93
69) Styrene	10.694	104	62330	19.74	ug/l		93
70) Isopropylbenzene	11.000	105	101937	20.03	ug/l		100
71) 1,1,2,2-Tetrachloroethane	11.253	83	35042	21.70	ug/l		99
72) 1,2,3-Trichloropropane	11.277	75	40879	24.88	ug/l		93
73) Bromobenzene	11.235	156	23734	19.67	ug/l		89
74) n-propylbenzene	11.341	91	118005	19.52	ug/l		98
75) 2-Chlorotoluene	11.406	91	73054	20.07	ug/l		96
76) 1,3,5-Trimethylbenzene	11.488	105	87886	20.30	ug/l		98
77) t-1,4-Dichloro-2-butene	11.059	75	10746	19.91	ug/l		85
78) 4-Chlorotoluene	11.494	91	84235	19.87	ug/l		97
79) tert-butylbenzene	11.753	119	82113	20.47	ug/l		94
80) 1,2,4-Trimethylbenzene	11.788	105	87563	20.13	ug/l		97
81) sec-Butylbenzene	11.930	105	97738	20.23	ug/l		100
82) p-Isopropyltoluene	12.047	119	88291	20.12	ug/l		96
83) 1,3-Dichlorobenzene	12.006	146	43749	20.26	ug/l		98
84) 1,4-Dichlorobenzene	12.083	146	42559	19.65	ug/l		97
85) n-Butylbenzene	12.371	91	79400	19.51	ug/l		98
86) Hexachloroethane	12.577	117	15031	18.55	ug/l		95
87) 1,2-Dichlorobenzene	12.377	146	42903	20.27	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	12.983	75	8114	20.19	ug/l		81
89) 1,2,4-Trichlorobenzene	13.624	180	26857	20.17	ug/l		96
90) Hexachlorobutadiene	13.765	225	11614	20.03	ug/l		99
91) Naphthalene	13.818	128	92819	21.57	ug/l		100
92) 1,2,3-Trichlorobenzene	14.000	180	26922	20.78	ug/l		99

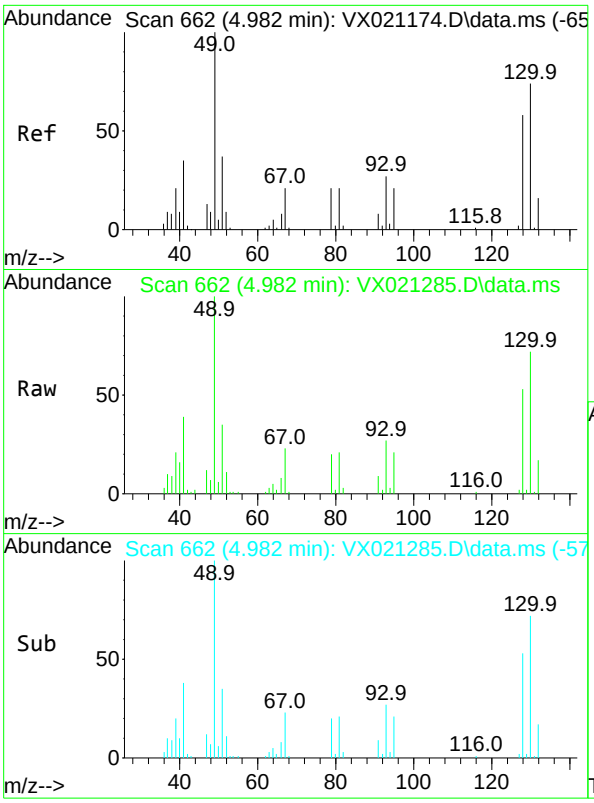
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031921\
Data File : VX021285.D
Acq On : 18 Mar 2021 18:07
Operator : JC/MD
Sample : VX0319WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 19 02:52:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 12 12:55:27 2021
Response via : Initial Calibration

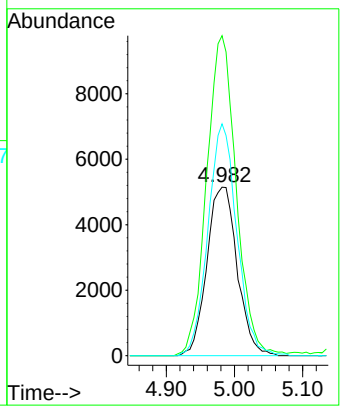




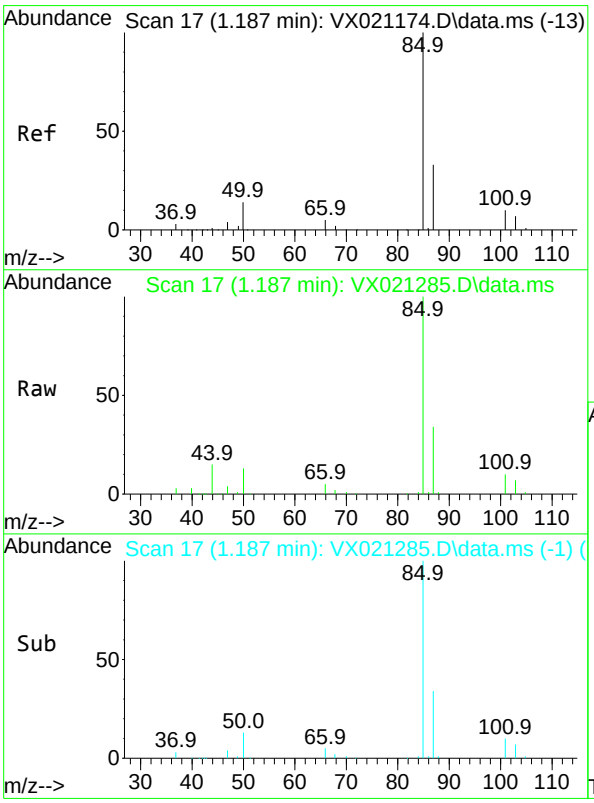
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.982 min Scan# 662
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:128 Resp: 15943

Ion	Ratio	Lower	Upper
128	100		
49	183.6	0.0	367.5
130	130.9	0.0	318.8



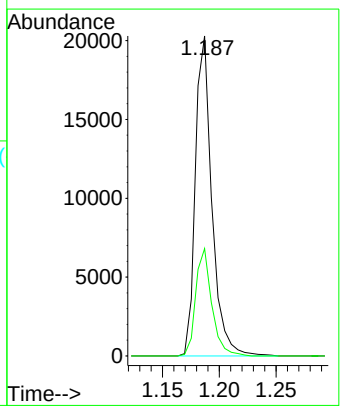
Instrument :
MSVOA_X
ClientSampleId :

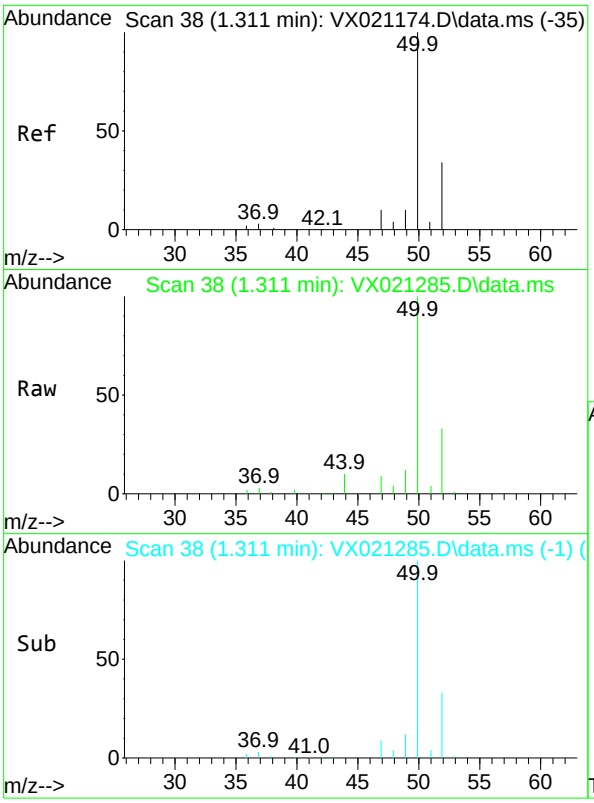


#2
Dichlorodifluoromethane
Concen: 19.67 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 85 Resp: 20580

Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.8	50.4

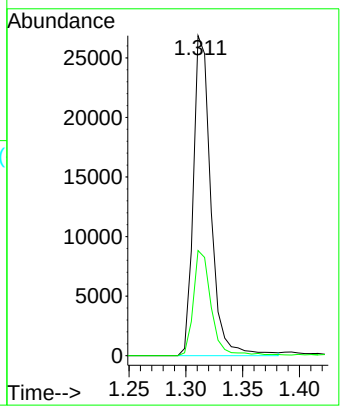




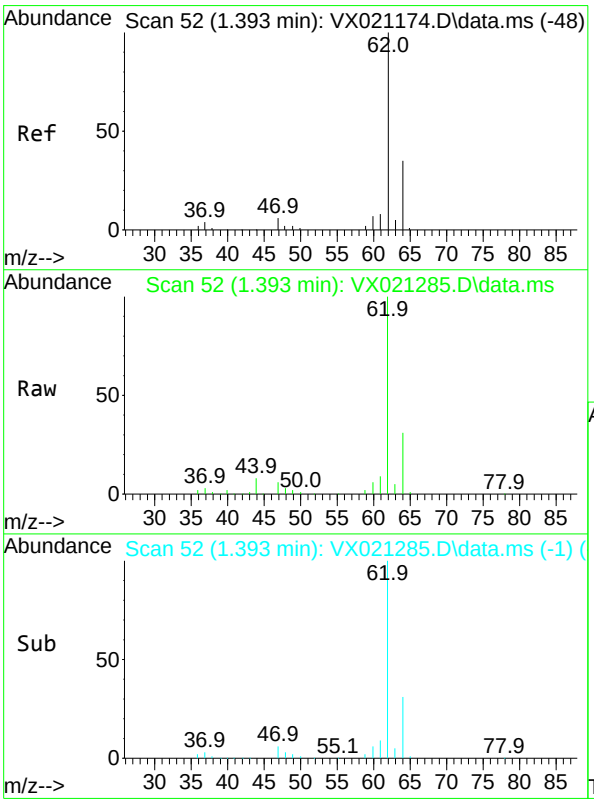
#3
Chloromethane
Concen: 26.61 ug/l
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 50 Resp: 28974

Ion	Ratio	Lower	Upper
50	100		
52	32.8	26.9	40.3



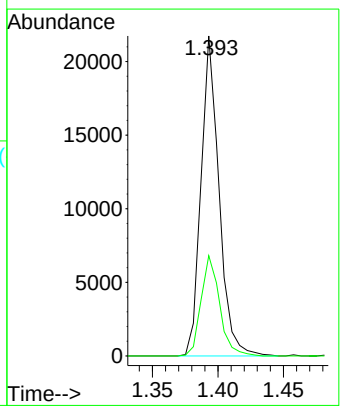
Instrument :
MSVOA_X
ClientSampleId :



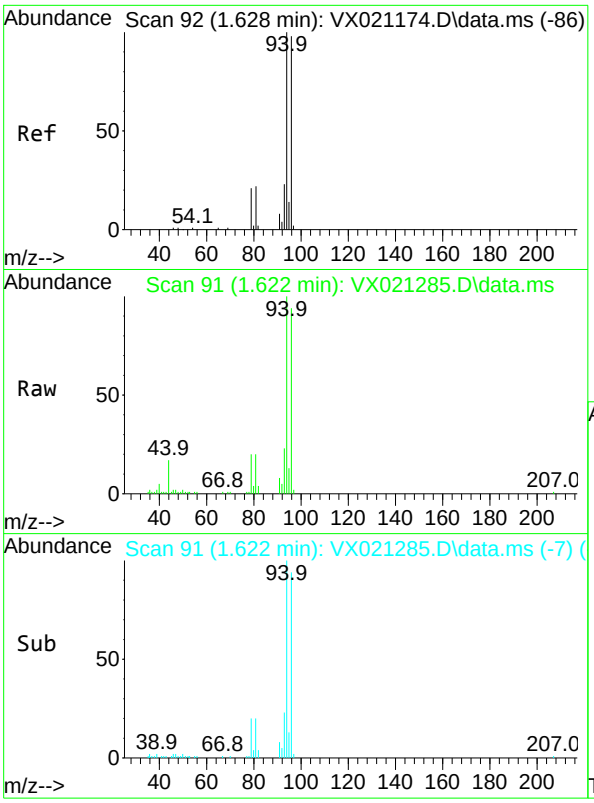
#4
Vinyl Chloride
Concen: 19.16 ug/l
RT: 1.393 min Scan# 52
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 62 Resp: 20845

Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.4	38.2



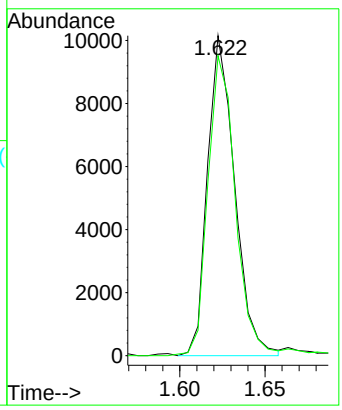
Instrument :
MSVOA_X
ClientSampleId :

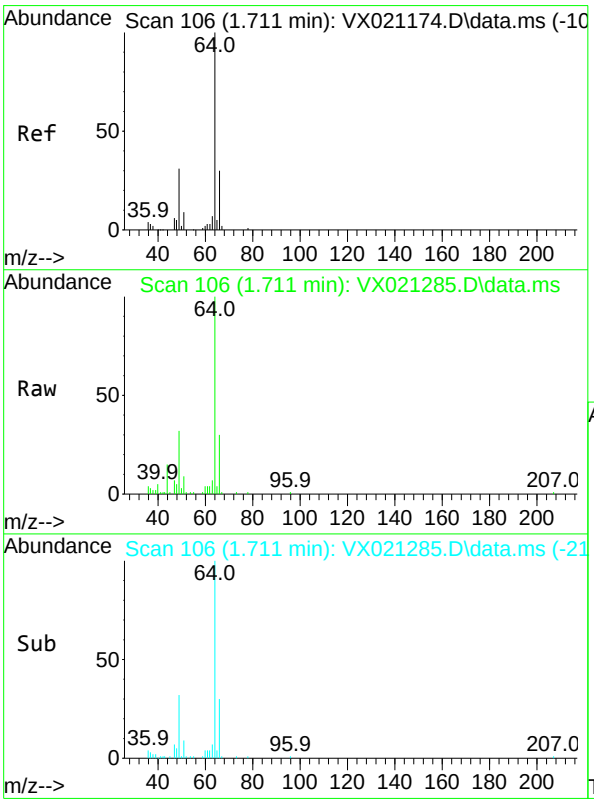


#5
Bromomethane
Concen: 17.41 ug/l
RT: 1.622 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 94 Resp: 11248

Ion	Ratio	Lower	Upper
94	100		
96	93.1	76.6	114.8

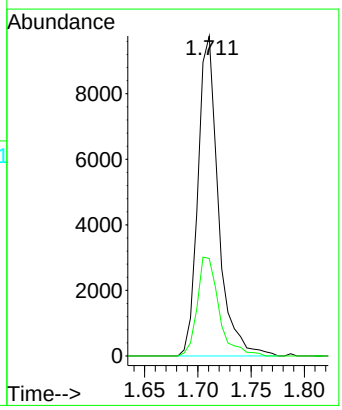




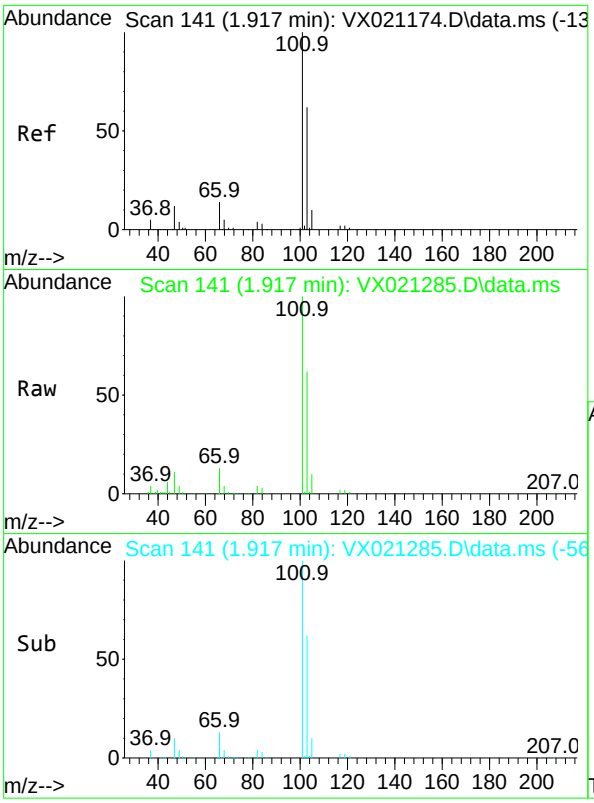
#6
Chloroethane
Concen: 19.41 ug/l
RT: 1.711 min Scan# 106
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 64 Resp: 13043

Ion	Ratio	Lower	Upper
64	100		
66	30.4	27.4	41.2



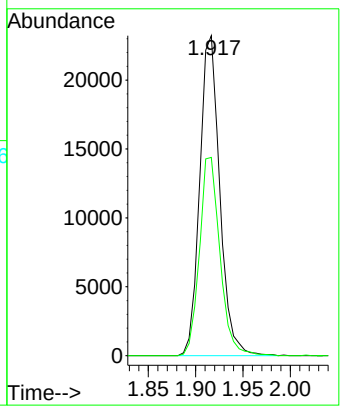
Instrument :
MSVOA_X
ClientSampleId :

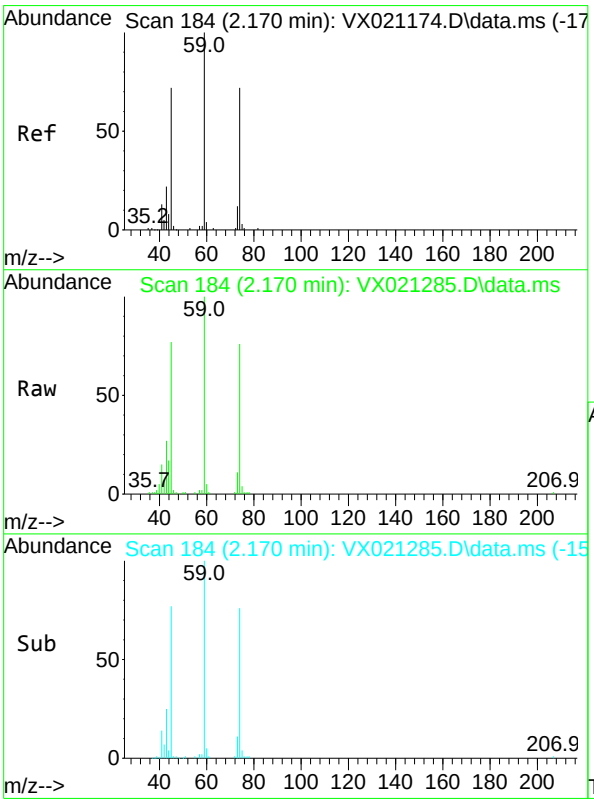


#7
Trichlorofluoromethane
Concen: 20.16 ug/l
RT: 1.917 min Scan# 141
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:101 Resp: 34205

Ion	Ratio	Lower	Upper
101	100		
103	61.9	51.4	77.2

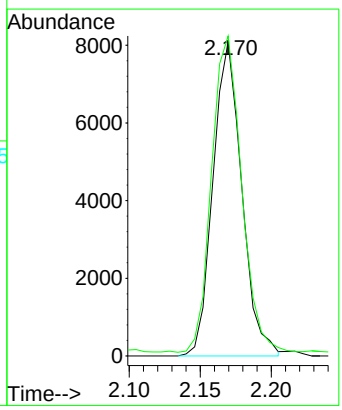


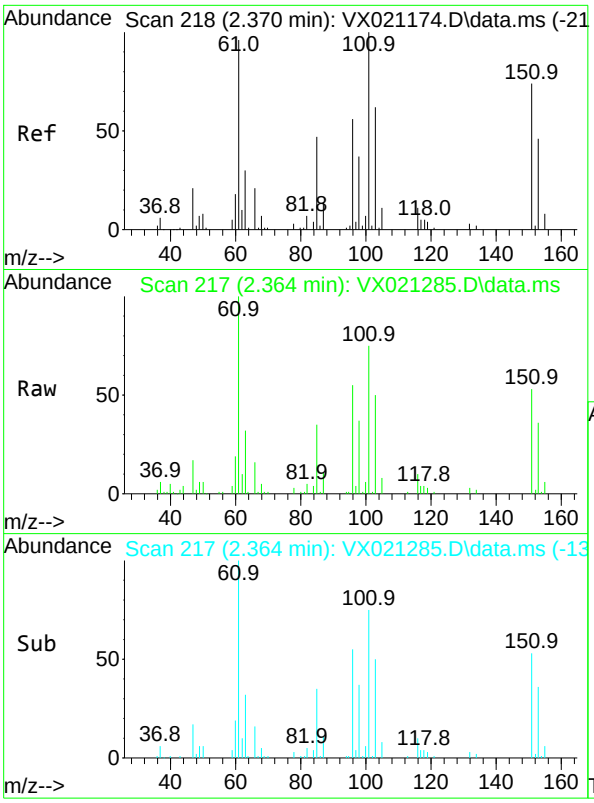


#8
Diethyl Ether
Concen: 19.90 ug/l
RT: 2.170 min Scan# 184
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 74 Resp: 11379

Ion	Ratio	Lower	Upper
74	100		
45	107.4	17.3	155.7

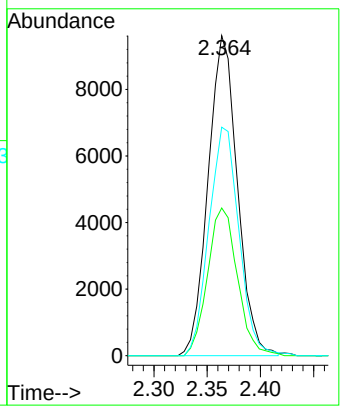




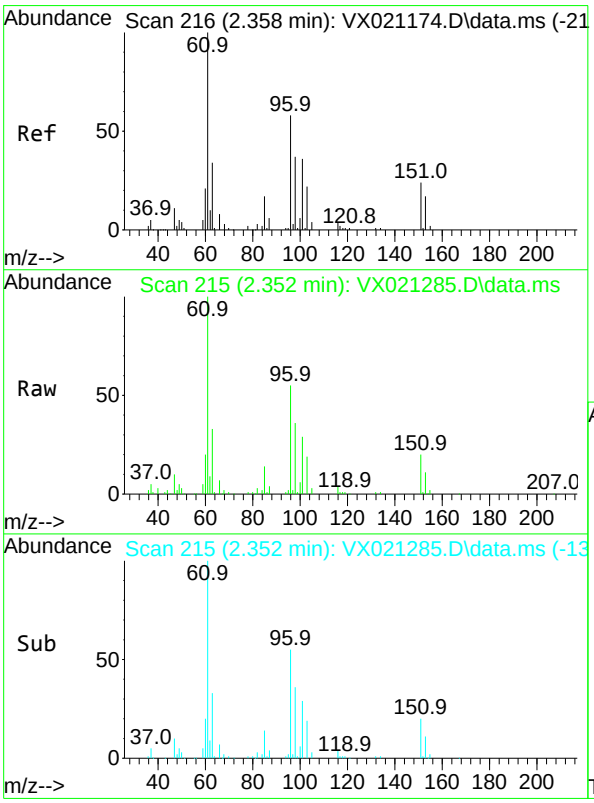
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.09 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:101 Resp: 18364

Ion	Ratio	Lower	Upper
101	100		
85	47.0	0.0	88.0
151	73.5	0.0	151.8



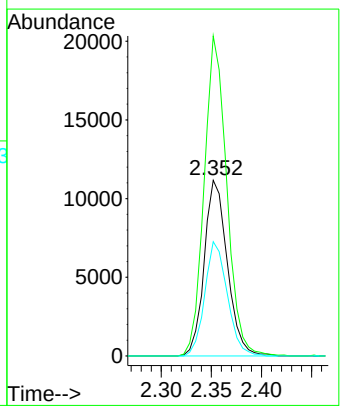
Instrument :
MSVOA_X
ClientSampleId :

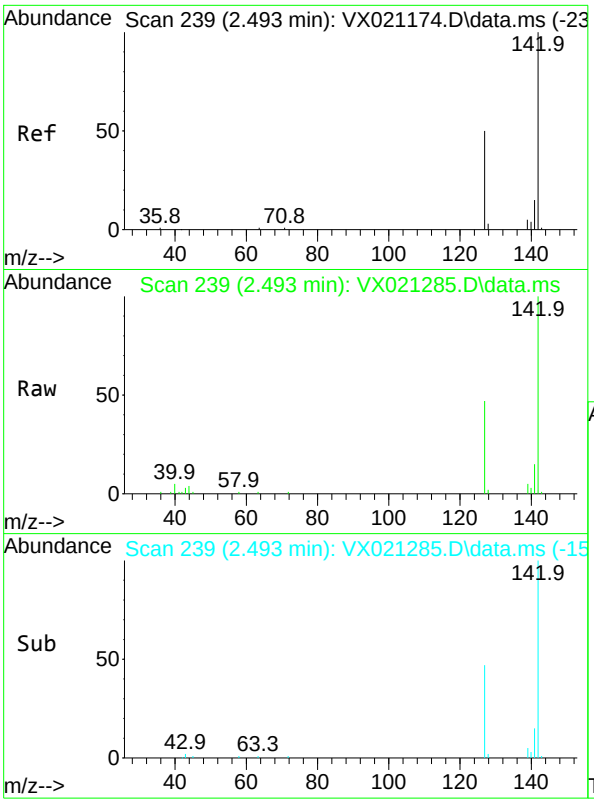


#10
1,1-Dichloroethene
Concen: 20.29 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 96 Resp: 17930

Ion	Ratio	Lower	Upper
96	100		
61	182.2	126.1	189.1
98	65.0	51.3	76.9

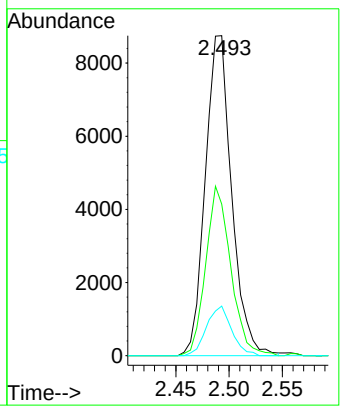




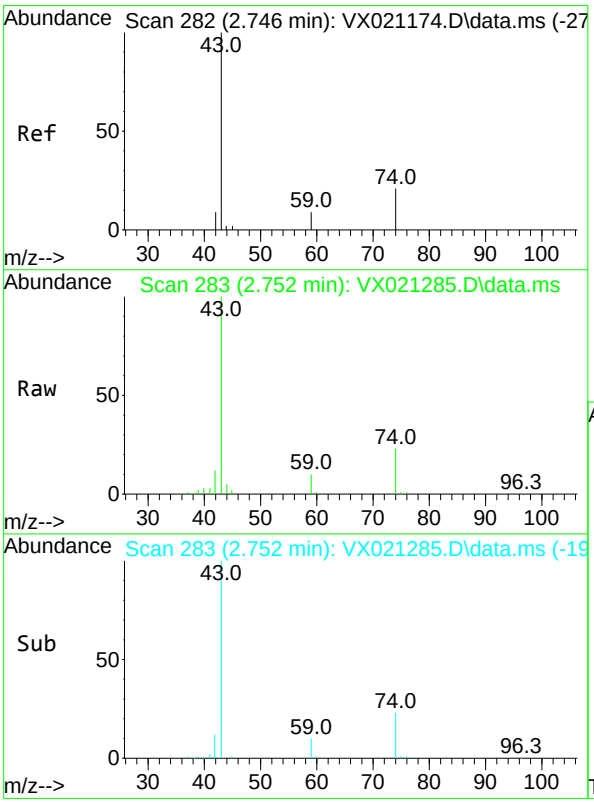
#11
Methyl Iodide
Concen: 12.89 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:142 Resp: 15068

Ion	Ratio	Lower	Upper
142	100		
127	47.5	21.4	64.2
141	15.5	6.5	19.4



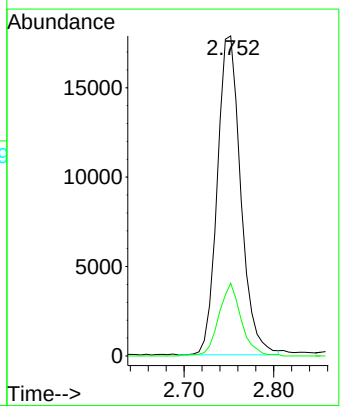
Instrument :
MSVOA_X
ClientSampleId :

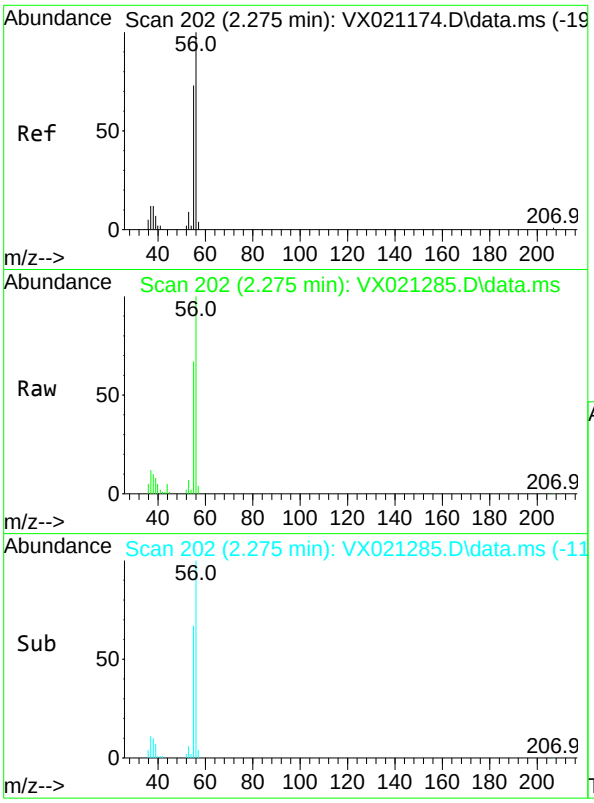


#12
Methyl Acetate
Concen: 21.71 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 43 Resp: 32386

Ion	Ratio	Lower	Upper
43	100		
74	22.7	22.8	34.2#

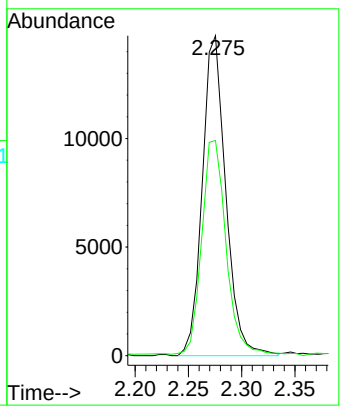




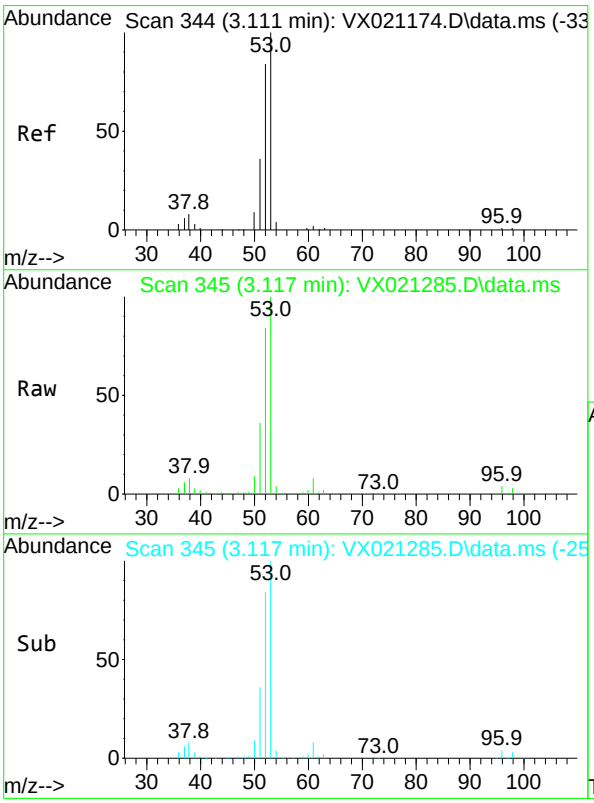
#13
Acrolein
Concen: 119.77 ug/l
RT: 2.275 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 56 Resp: 22620

Ion	Ratio	Lower	Upper
56	100		
55	70.5	56.3	84.5



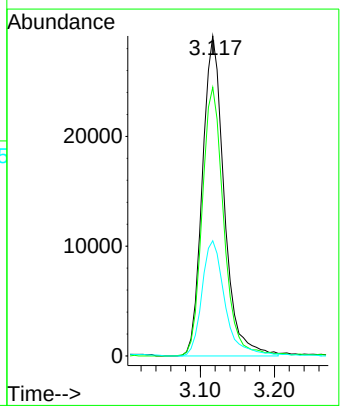
Instrument :
MSVOA_X
ClientSampleId :



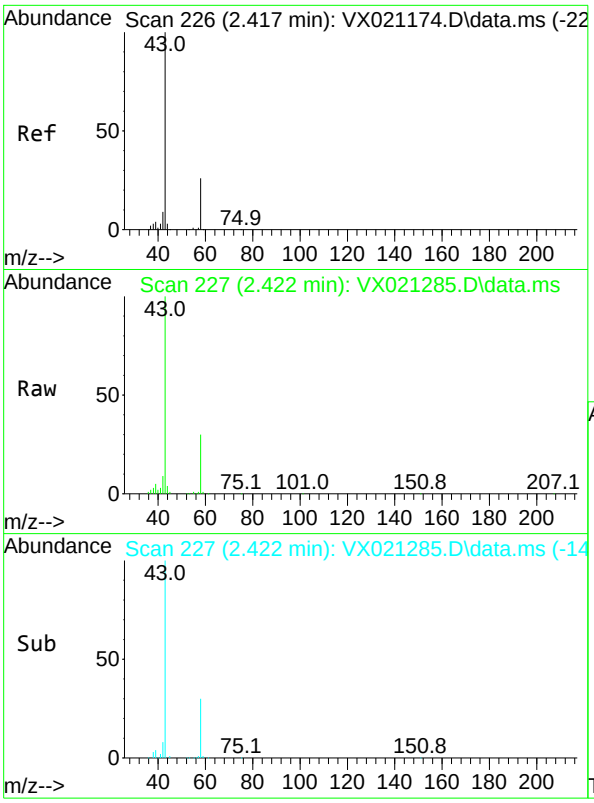
#14
Acrylonitrile
Concen: 106.15 ug/l
RT: 3.117 min Scan# 345
Delta R.T. 0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 53 Resp: 59524

Ion	Ratio	Lower	Upper
53	100		
52	83.0	41.1	123.3
51	38.3	17.6	52.9



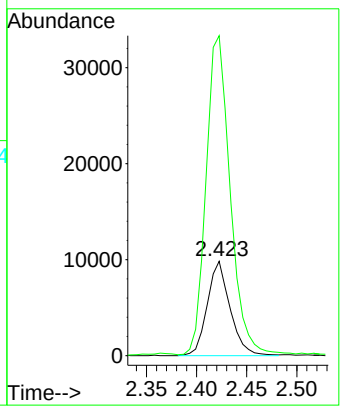
Instrument :
MSVOA_X
ClientSampleId :

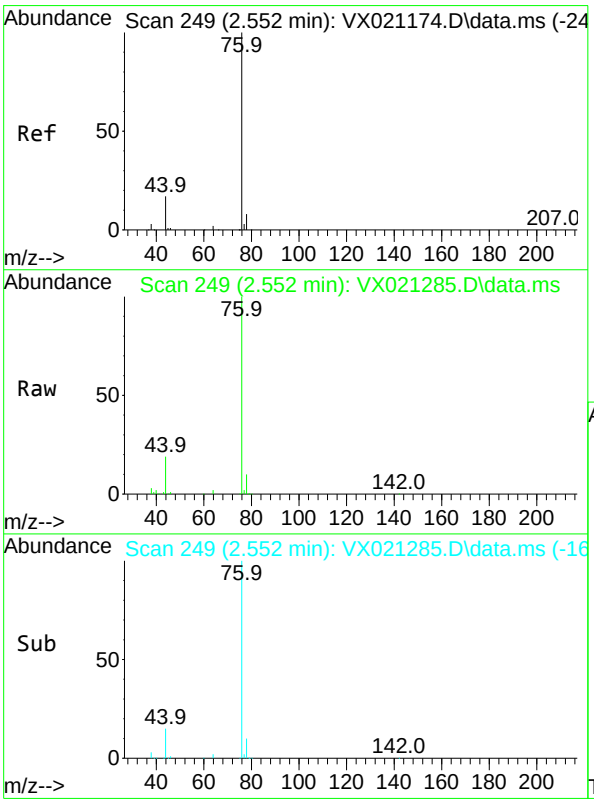


#15
Acetone
Concen: 103.59 ug/l
RT: 2.422 min Scan# 227
Delta R.T. 0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 58 Resp: 15555

Ion	Ratio	Lower	Upper
58	100		
43	337.6	232.6	348.8

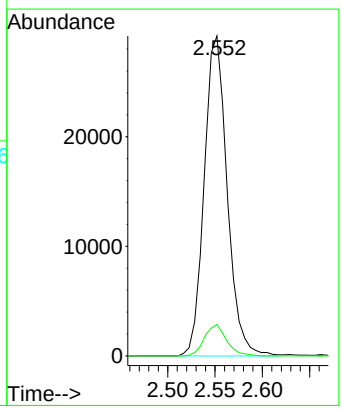




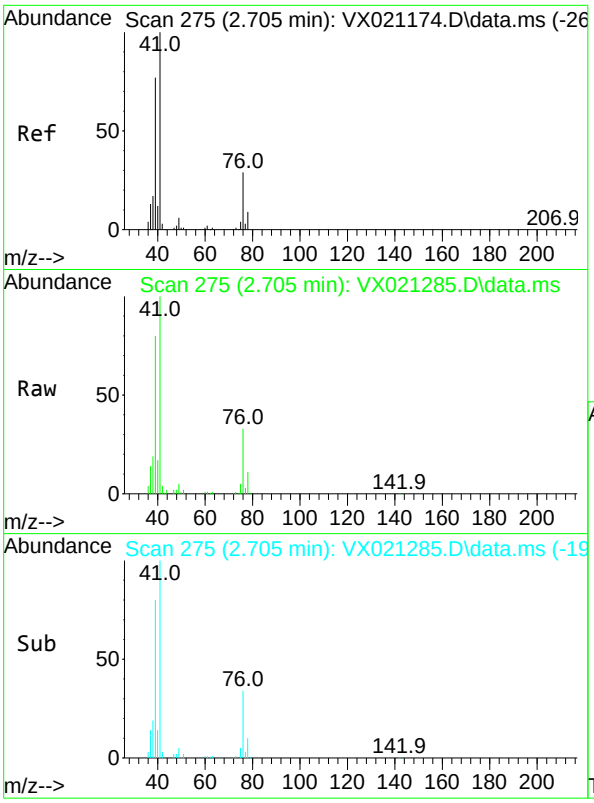
#16
Carbon Disulfide
Concen: 19.00 ug/l
RT: 2.552 min Scan# 249
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 76 Resp: 49298

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.0



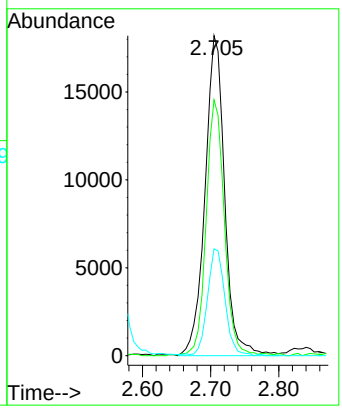
Instrument :
MSVOA_X
ClientSampleId :

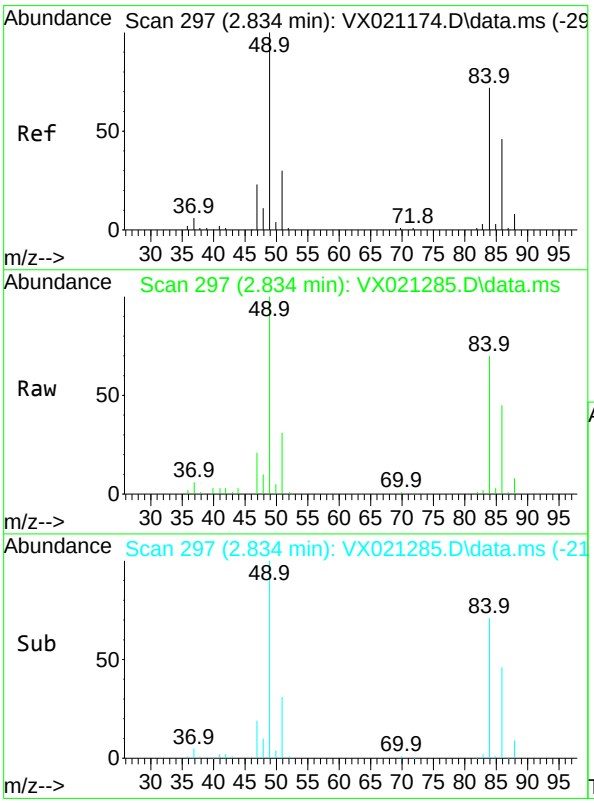


#17
Allyl chloride
Concen: 19.49 ug/l
RT: 2.705 min Scan# 275
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 41 Resp: 36588

Ion	Ratio	Lower	Upper
41	100		
39	79.7	34.8	104.4
76	33.4	21.3	63.9

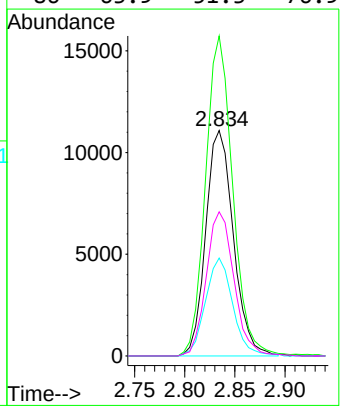




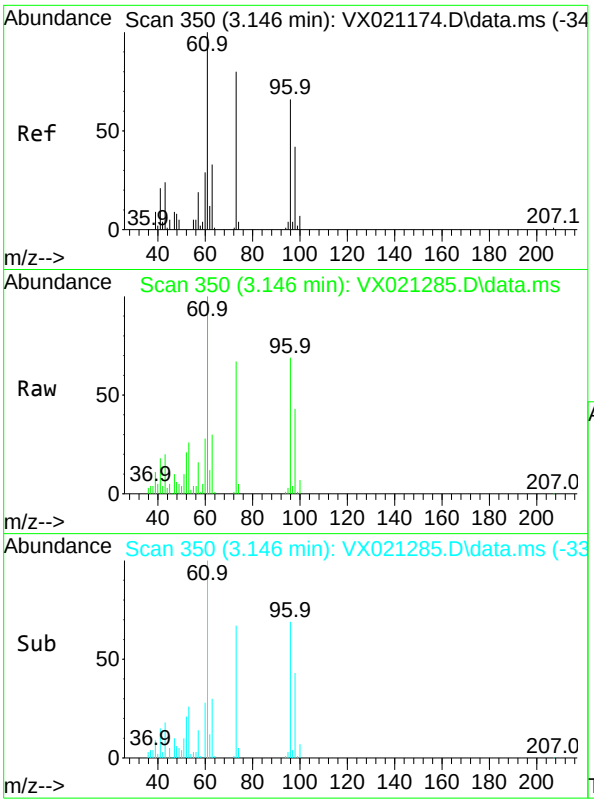
#18
Methylene Chloride
Concen: 19.84 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 84 Resp: 21278

Ion	Ratio	Lower	Upper
84	100		
49	141.9	90.6	136.0#
51	43.4	26.3	39.5#
86	63.9	51.3	76.9



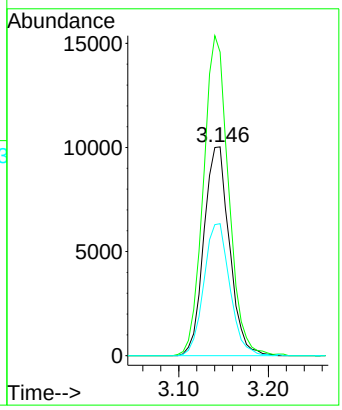
Instrument :
MSVOA_X
ClientSampleId :

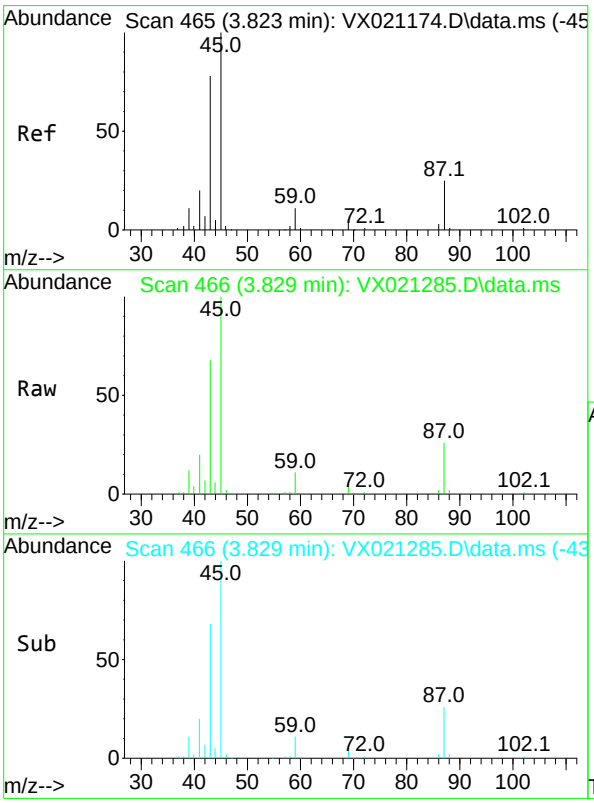


#19
trans-1,2-Dichloroethene
Concen: 20.26 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 96 Resp: 19868

Ion	Ratio	Lower	Upper
96	100		
61	144.7	103.0	154.4
98	63.2	51.8	77.6

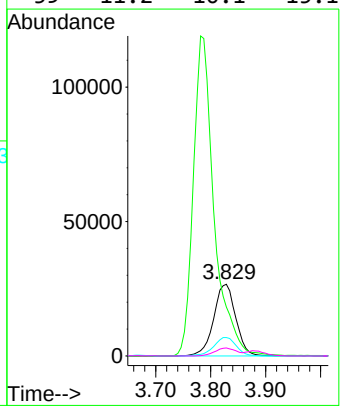




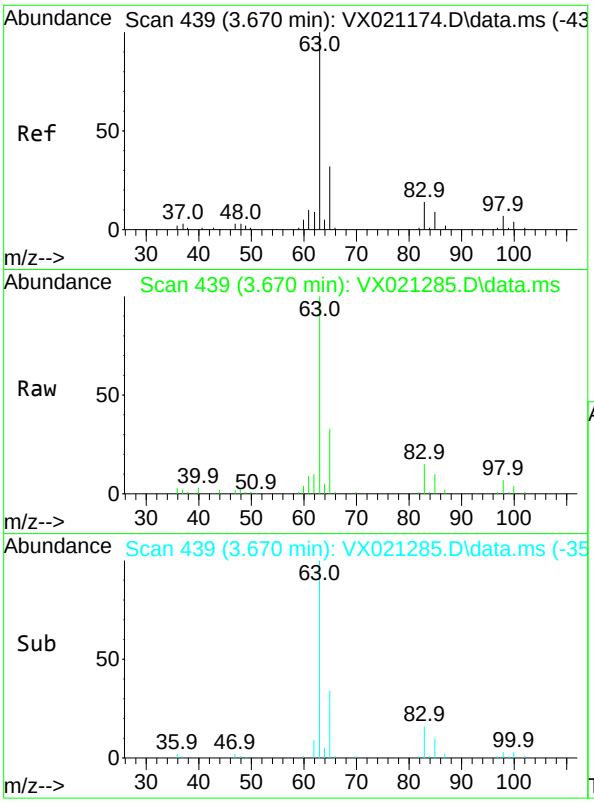
#20
Diisopropyl ether
Concen: 20.37 ug/l
RT: 3.829 min Scan# 466
Delta R.T. 0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 45 Resp: 74460

Ion	Ratio	Lower	Upper
45	100		
43	66.8	56.0	84.0
87	25.6	25.4	38.0
59	11.2	10.1	15.1



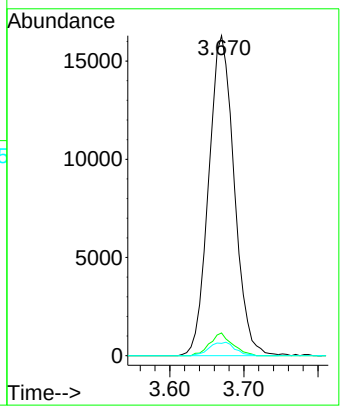
Instrument :
MSVOA_X
ClientSampleId :

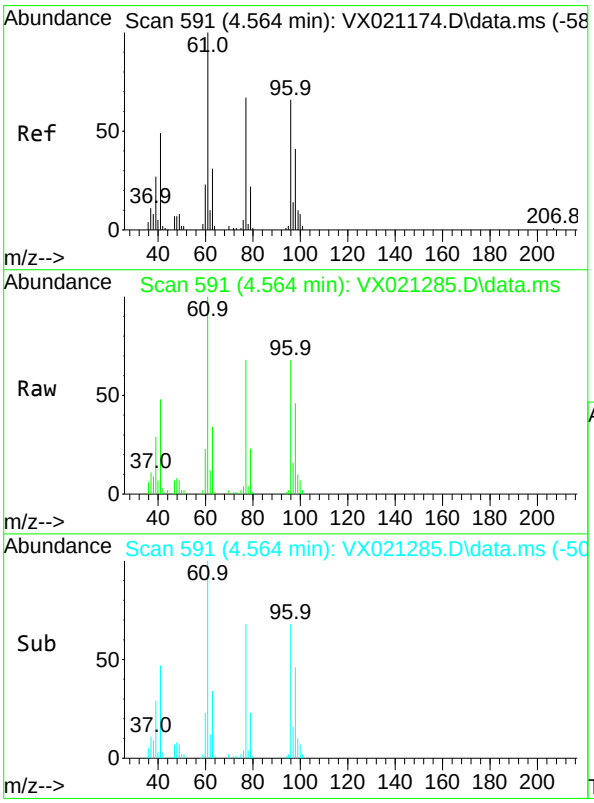


#21
1,1-Dichloroethane
Concen: 19.98 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 63 Resp: 38943

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.9	11.7
100	3.9	2.5	7.4

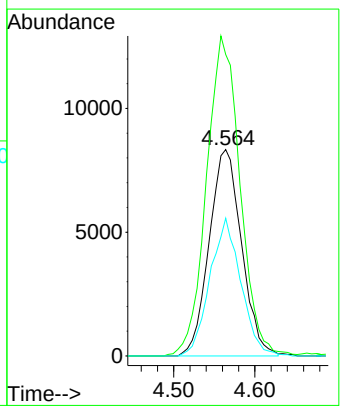




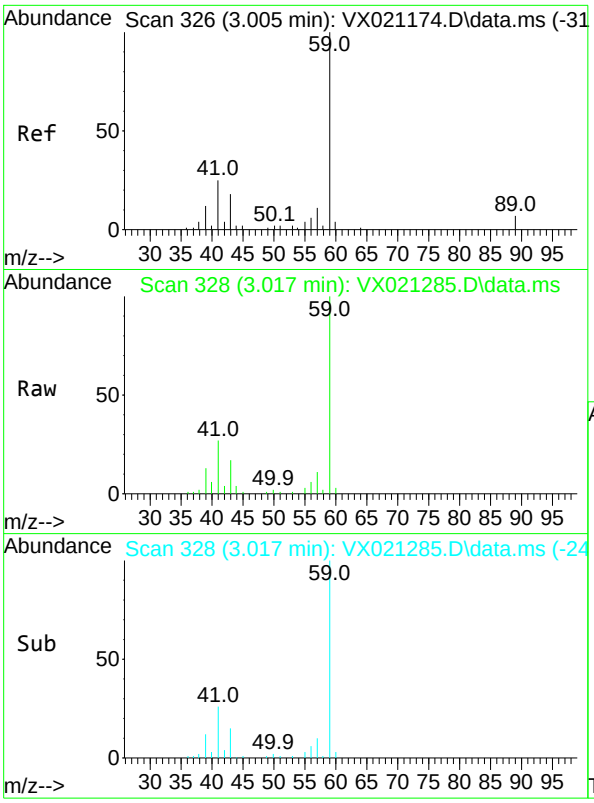
#22
cis-1,2-Dichloroethene
Concen: 20.30 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 96 Resp: 23144

Ion	Ratio	Lower	Upper
96	100		
61	160.5	114.1	171.1
98	63.7	51.8	77.8



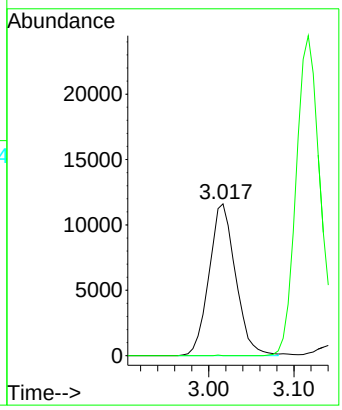
Instrument :
MSVOA_X
ClientSampleId :

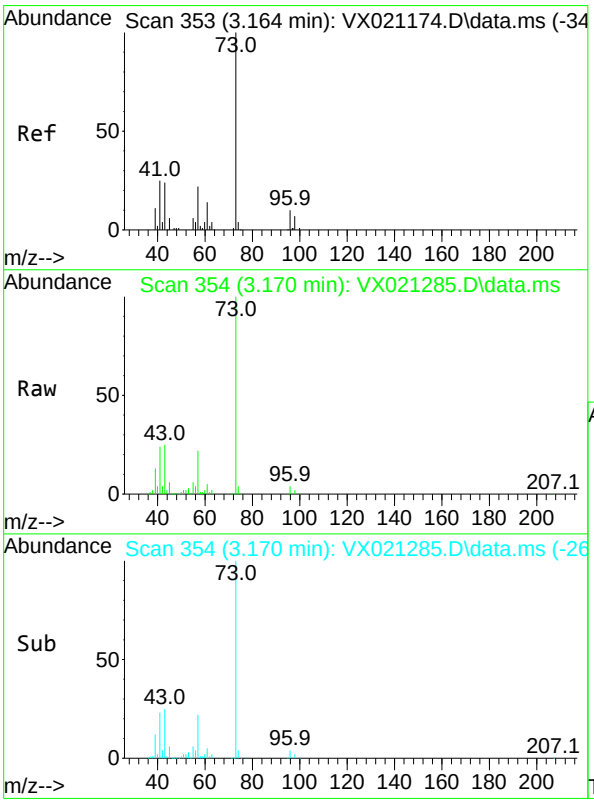


#23
tert-Butyl Alcohol
Concen: 100.92 ug/l
RT: 3.017 min Scan# 328
Delta R.T. 0.012 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 59 Resp: 25138

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.1	0.1#

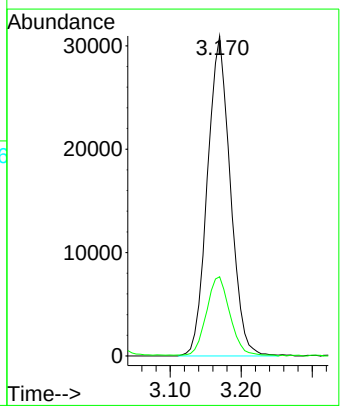


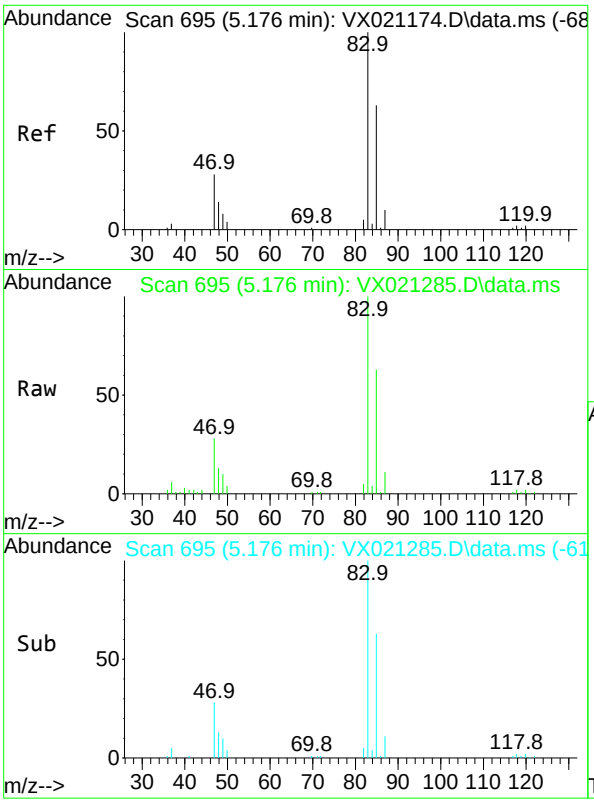


#24
Methyl tert-Butyl Ether
Concen: 20.48 ug/l
RT: 3.170 min Scan# 354
Delta R.T. 0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 73 Resp: 69092

Ion	Ratio	Lower	Upper
73	100		
43	25.7	14.9	22.3#

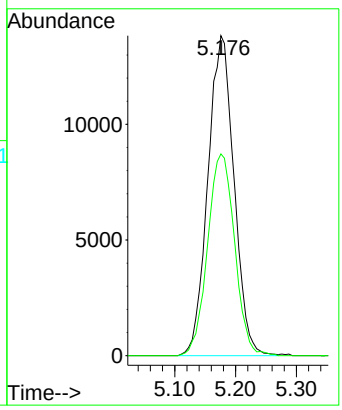




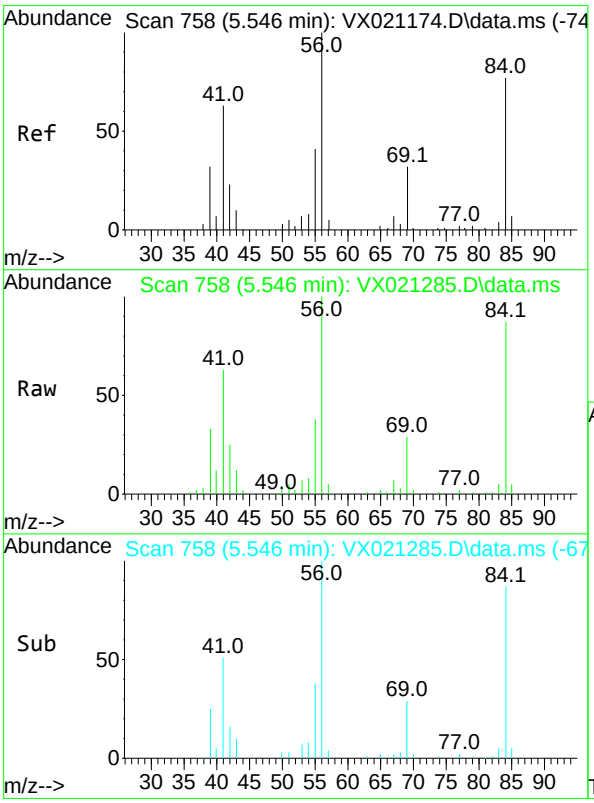
#25
Chloroform
Concen: 20.31 ug/l
RT: 5.176 min Scan# 695
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 83 Resp: 41249

Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.2	76.8



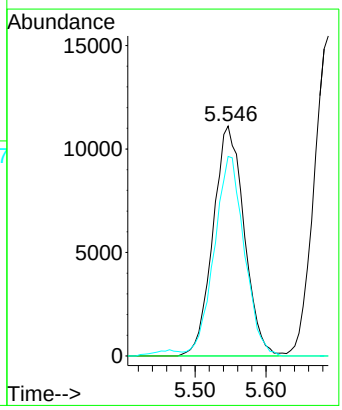
Instrument :
MSVOA_X
ClientSampleId :

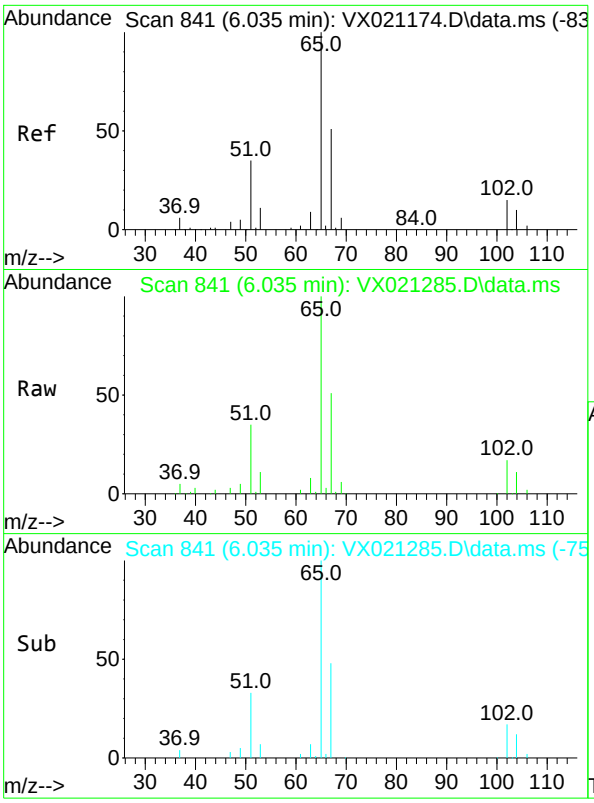


#26
Cyclohexane
Concen: 19.50 ug/l
RT: 5.546 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 56 Resp: 33734

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	84.3	74.1	111.1

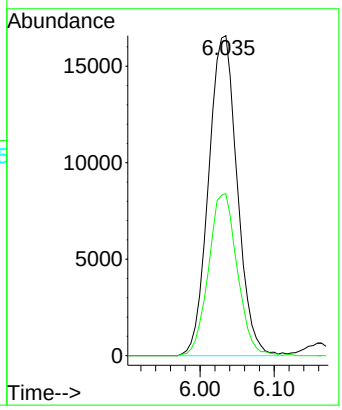




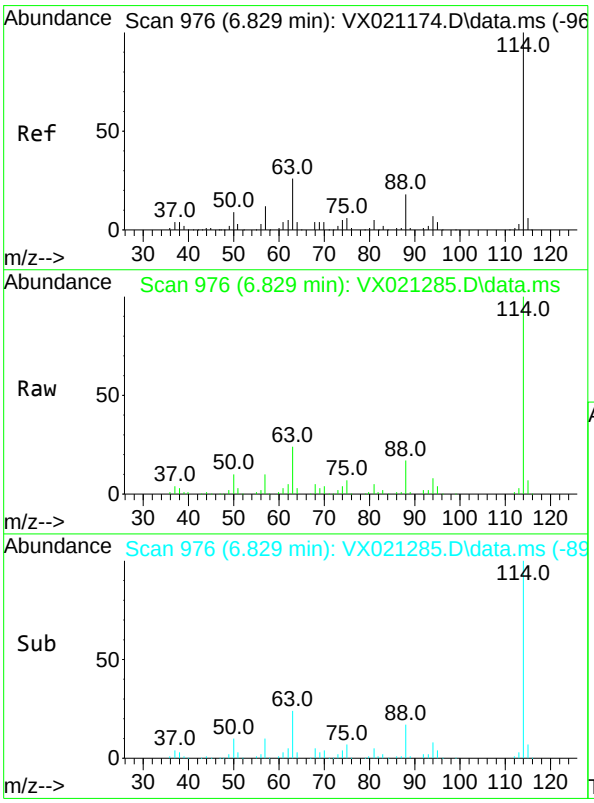
#27
1,2-Dichloroethane-d4
Concen: 30.30 ug/l
RT: 6.035 min Scan# 841
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 65 Resp: 44470

Ion	Ratio	Lower	Upper
65	100		
67	50.7	41.9	62.9



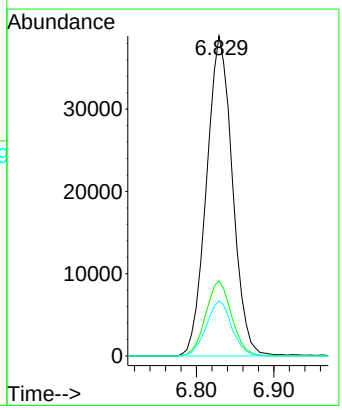
Instrument :
MSVOA_X
ClientSampleId :

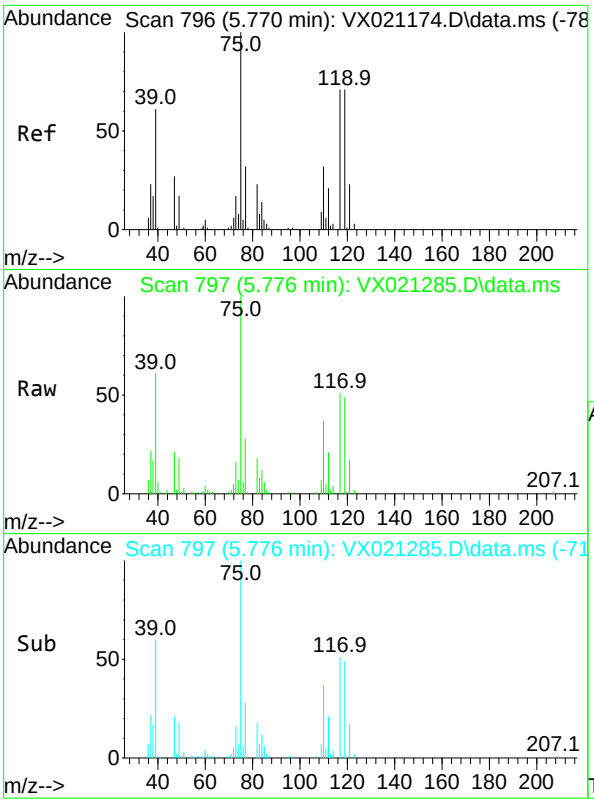


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:114 Resp: 90411

Ion	Ratio	Lower	Upper
114	100		
63	23.4	16.2	24.2
88	17.0	13.0	19.6

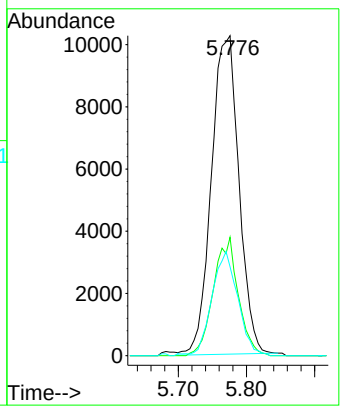




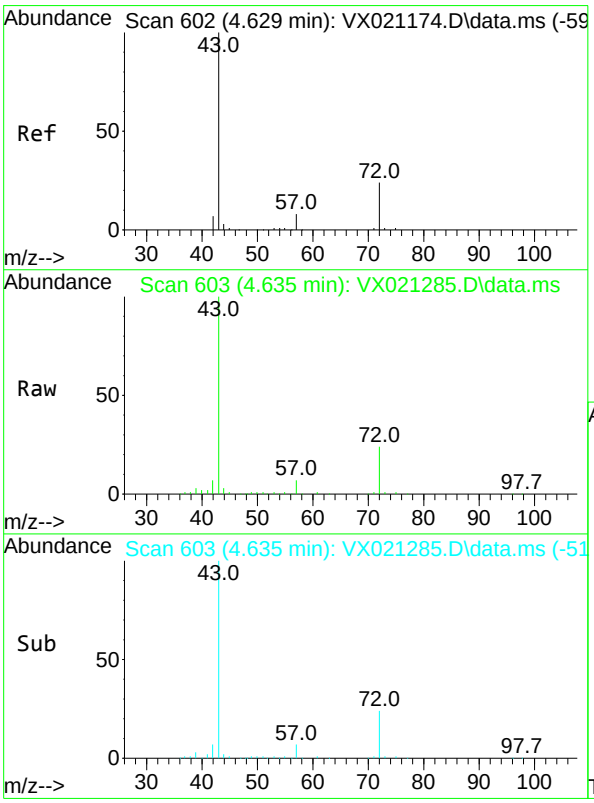
#29
1,1-Dichloropropene
Concen: 19.11 ug/l
RT: 5.776 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 75 Resp: 28814

Ion	Ratio	Lower	Upper
75	100		
110	33.5	0.0	72.4
77	30.5	0.0	62.4



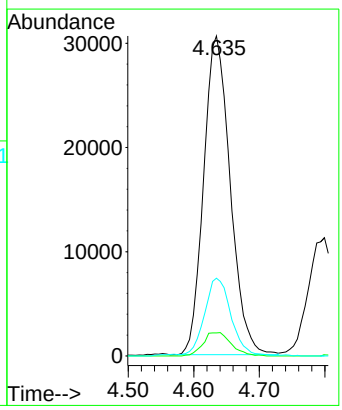
Instrument :
MSVOA_X
ClientSampleId :

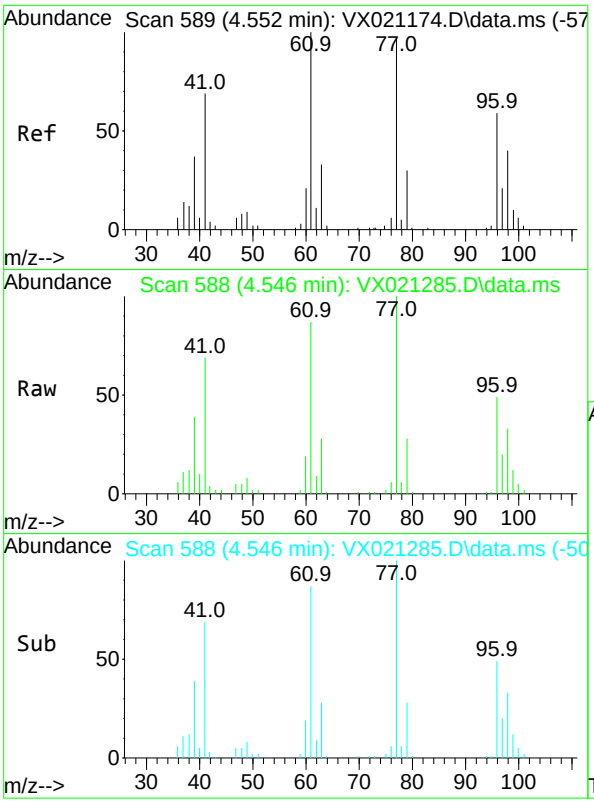


#30
2-Butanone
Concen: 102.41 ug/l
RT: 4.635 min Scan# 603
Delta R.T. 0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 43 Resp: 86262

Ion	Ratio	Lower	Upper
43	100		
57	0.0	7.2	10.8#
72	24.3	23.7	35.5

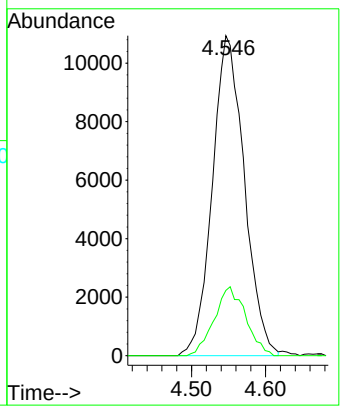




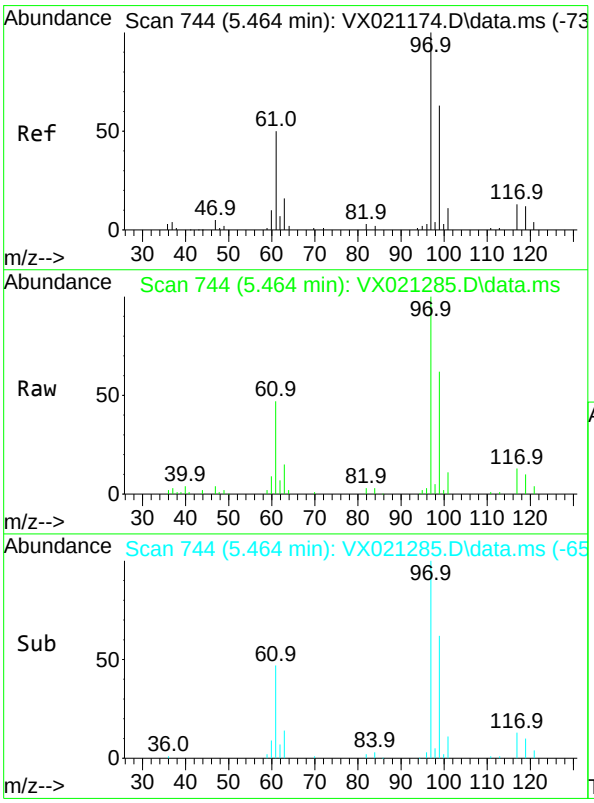
#31
2,2-Dichloropropane
Concen: 19.36 ug/l
RT: 4.546 min Scan# 588
Delta R.T. -0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 77 Resp: 32758

Ion	Ratio	Lower	Upper
77	100		
97	21.2	18.6	28.0



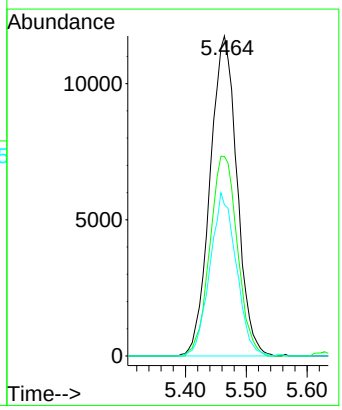
Instrument :
MSVOA_X
ClientSampleId :



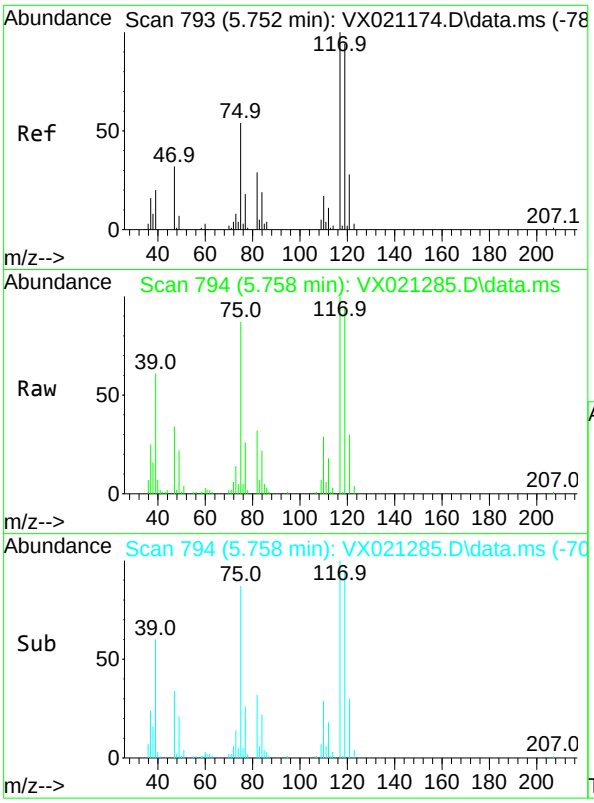
#32
1,1,1-Trichloroethane
Concen: 19.64 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 97 Resp: 36115

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	49.6	34.3	51.5



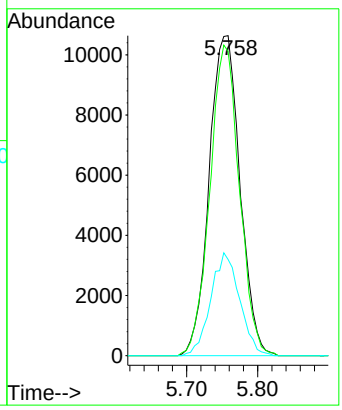
Instrument :
MSVOA_X
ClientSampleId :

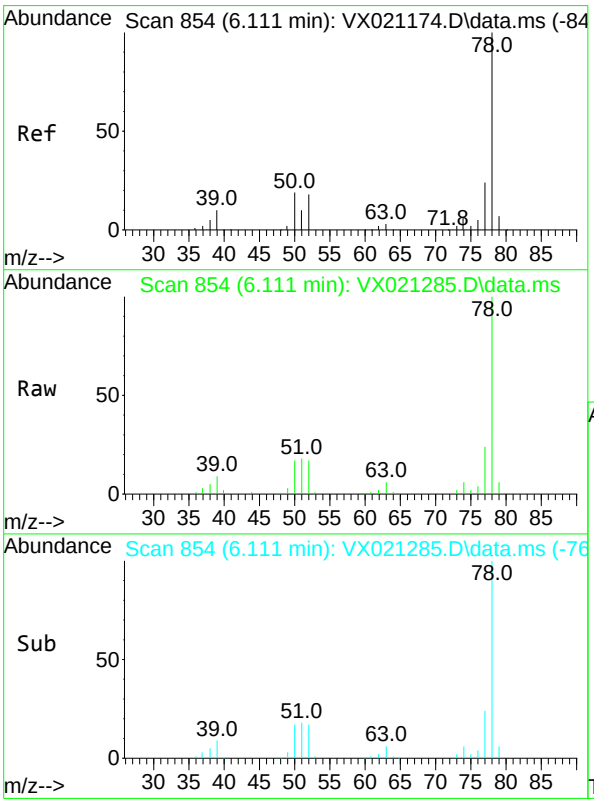


#33
Carbon Tetrachloride
Concen: 19.83 ug/l
RT: 5.758 min Scan# 794
Delta R.T. 0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:117 Resp: 31975

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.1	114.1
121	30.1	24.1	36.1

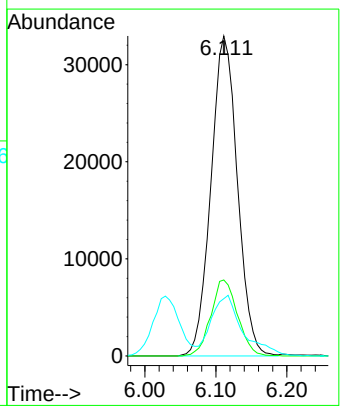


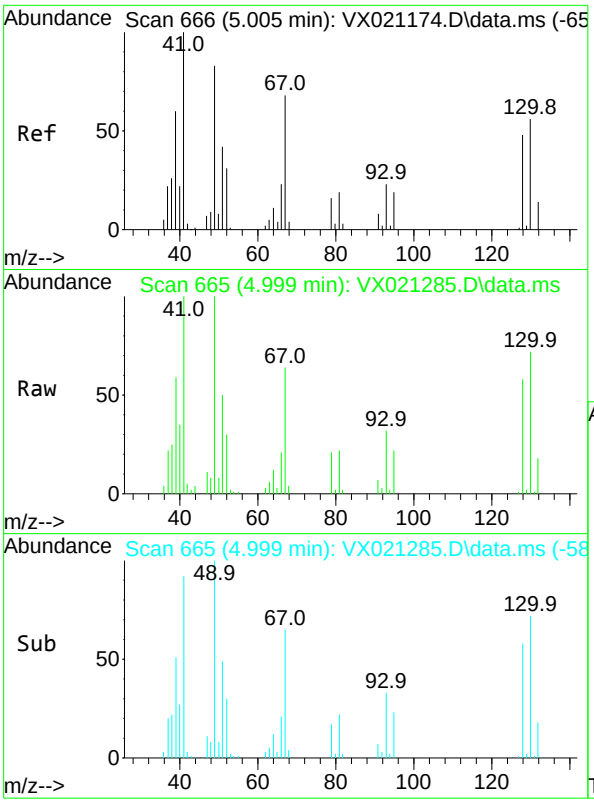


#34
Benzene
Concen: 19.75 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 78 Resp: 85280

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4
51	16.6	12.5	18.7

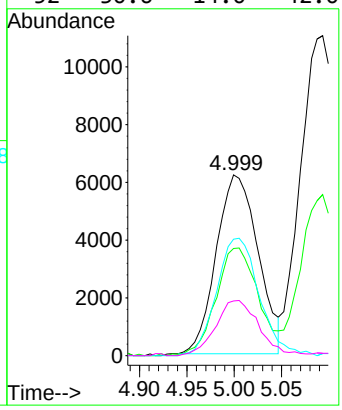




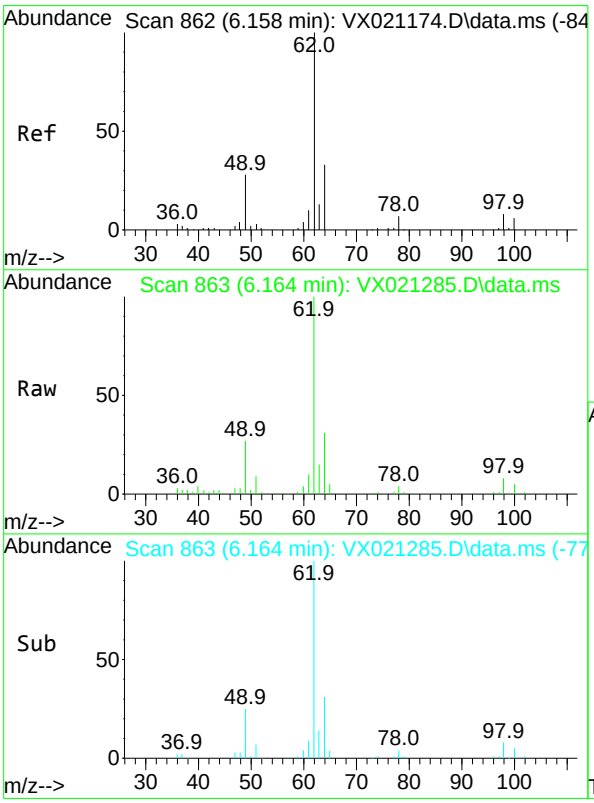
#35
Methacrylonitrile
Concen: 19.94 ug/l
RT: 4.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 41 Resp: 19088

Ion	Ratio	Lower	Upper
41	100		
39	59.1	26.8	80.3
67	65.1	39.1	117.2
52	30.6	14.0	42.0



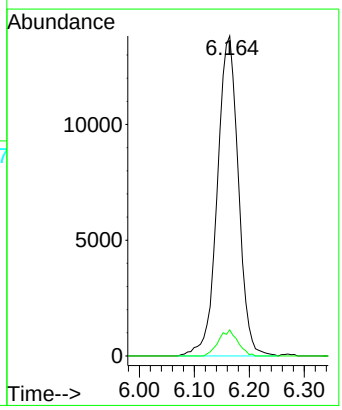
Instrument :
MSVOA_X
ClientSampleId :

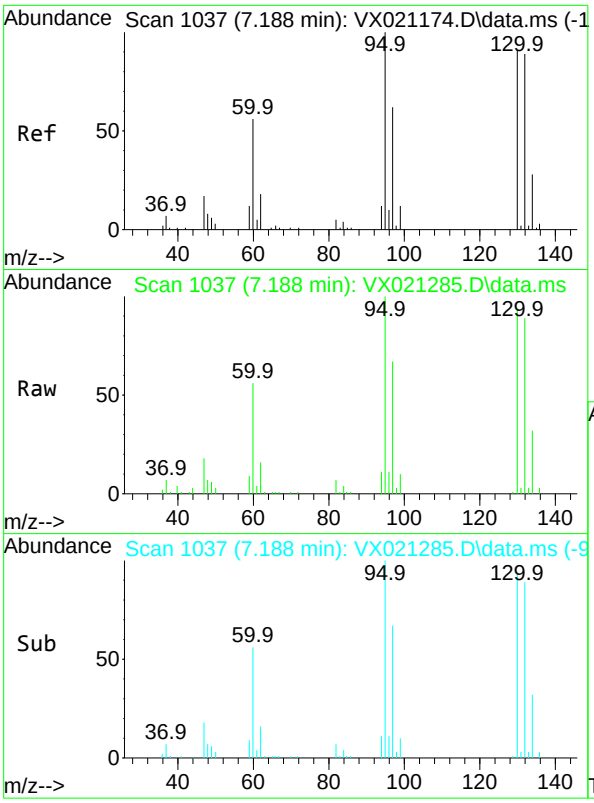


#36
1,2-Dichloroethane
Concen: 19.77 ug/l
RT: 6.164 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 62 Resp: 36851

Ion	Ratio	Lower	Upper
62	100		
98	7.5	8.1	12.1#

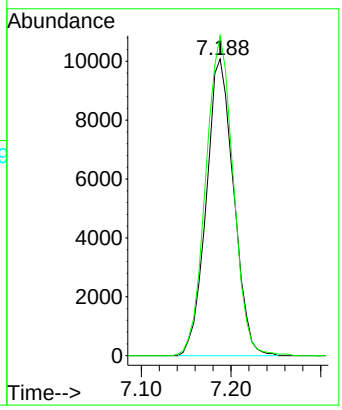




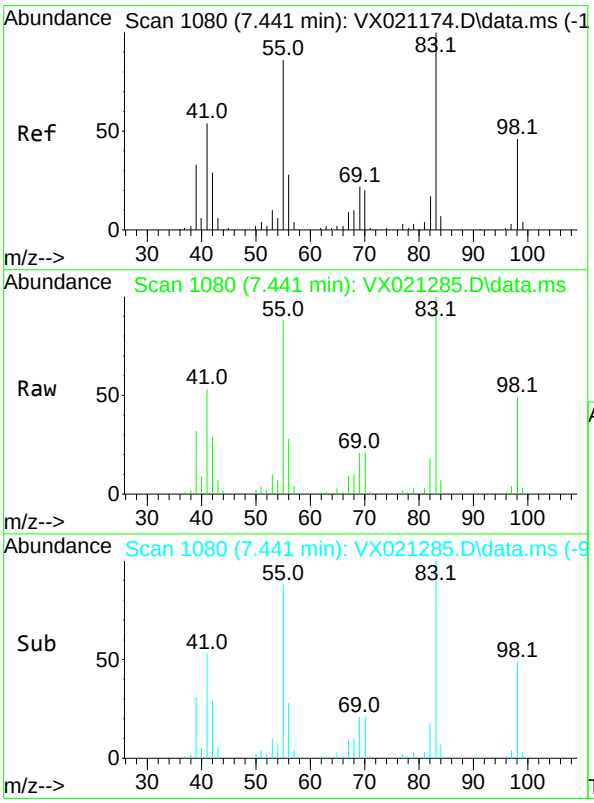
#37
Trichloroethene
Concen: 18.88 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:130 Resp: 21367

Ion	Ratio	Lower	Upper
130	100		
95	107.4	80.2	120.4



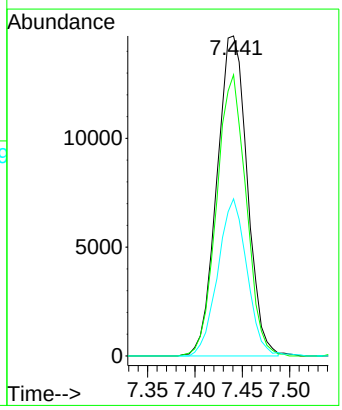
Instrument :
MSVOA_X
ClientSampleId :



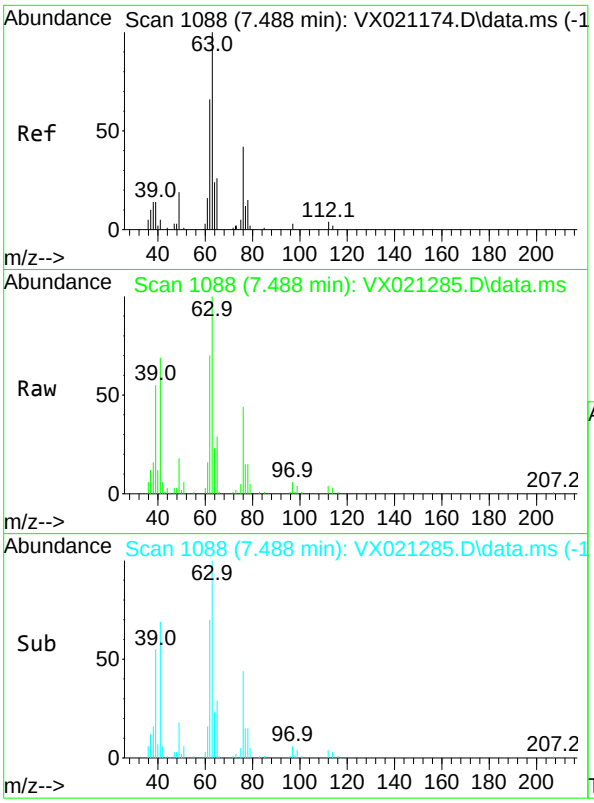
#38
Methylcyclohexane
Concen: 19.21 ug/l
RT: 7.441 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 83 Resp: 32729

Ion	Ratio	Lower	Upper
83	100		
55	85.3	37.4	112.1
98	47.4	24.7	74.1



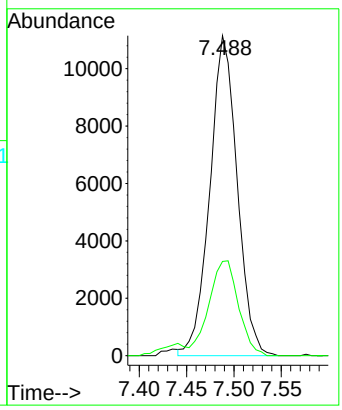
Instrument :
MSVOA_X
ClientSampleId :

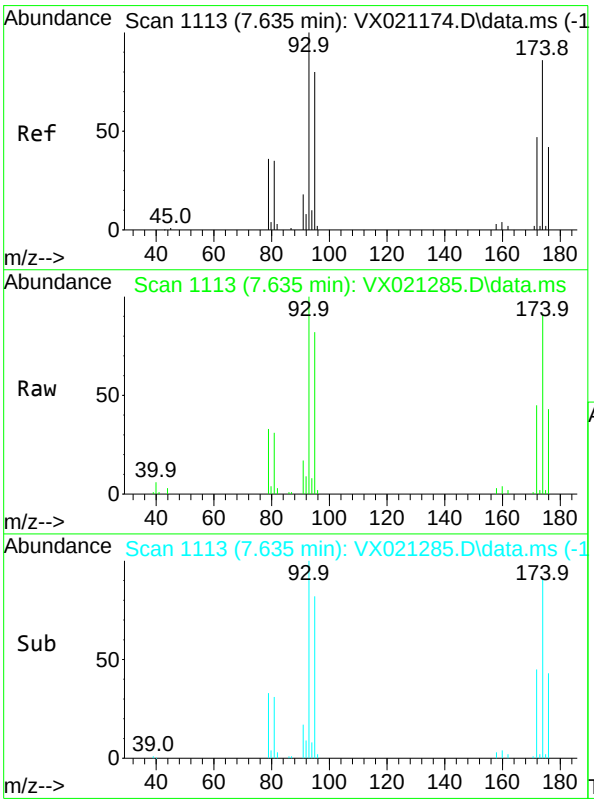


#39
1,2-Dichloropropane
Concen: 19.16 ug/l
RT: 7.488 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 63 Resp: 22441

Ion	Ratio	Lower	Upper
63	100		
65	29.4	25.6	38.4

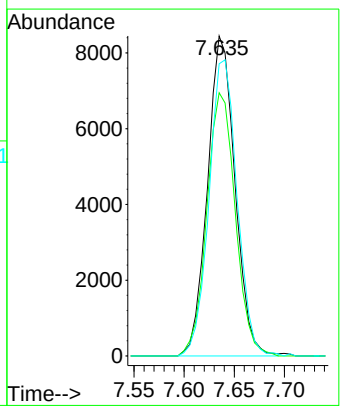


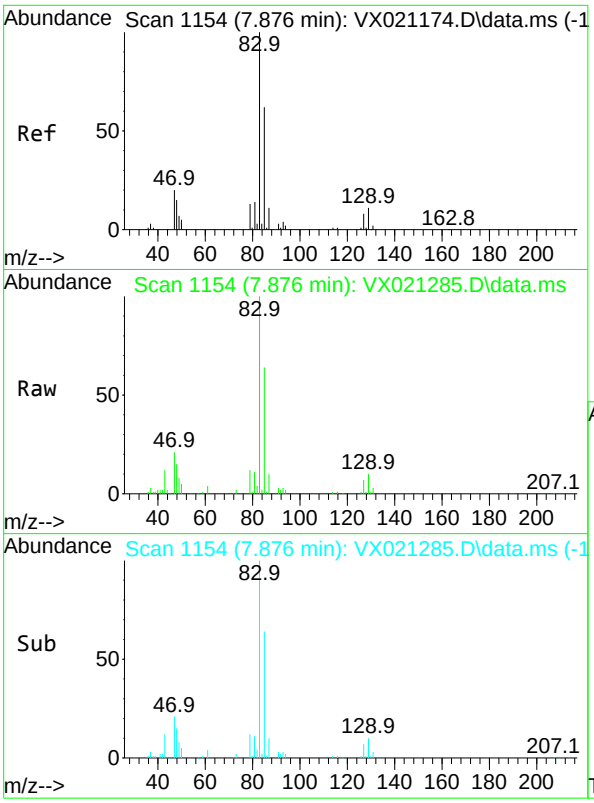


#40
Dibromomethane
Concen: 19.42 ug/l
RT: 7.635 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 93 Resp: 16110

Ion	Ratio	Lower	Upper
93	100		
95	85.2	0.0	167.4
174	94.1	0.0	211.8

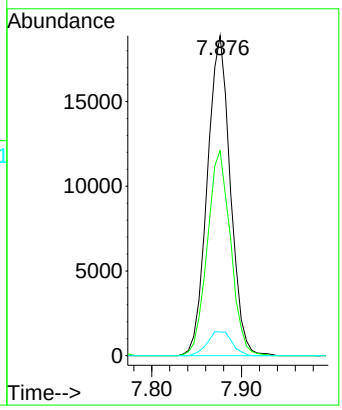




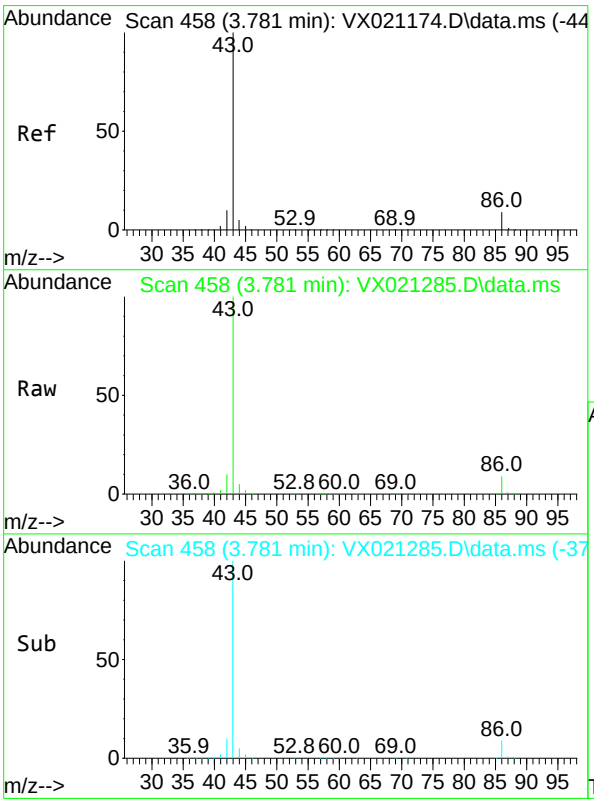
#41
Bromodichloromethane
Concen: 19.39 ug/l
RT: 7.876 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 83 Resp: 33619

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.4	77.0
127	7.4	7.1	10.7



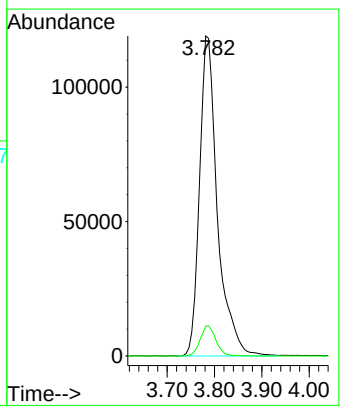
Instrument :
MSVOA_X
ClientSampleId :



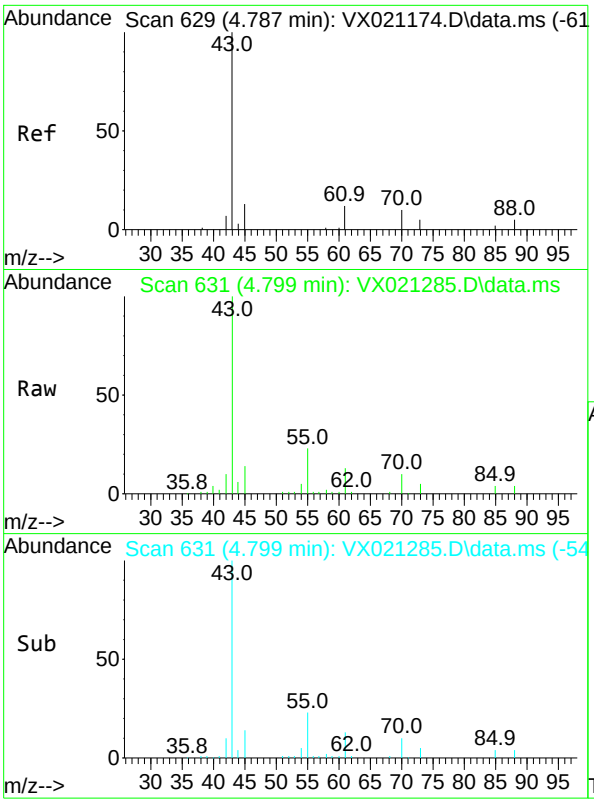
#42
Vinyl Acetate
Concen: 98.22 ug/l
RT: 3.781 min Scan# 458
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 43 Resp: 313010

Ion	Ratio	Lower	Upper
43	100		
86	8.3	9.0	13.4#



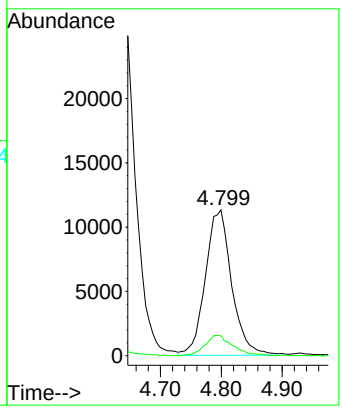
Instrument :
MSVOA_X
ClientSampleId :

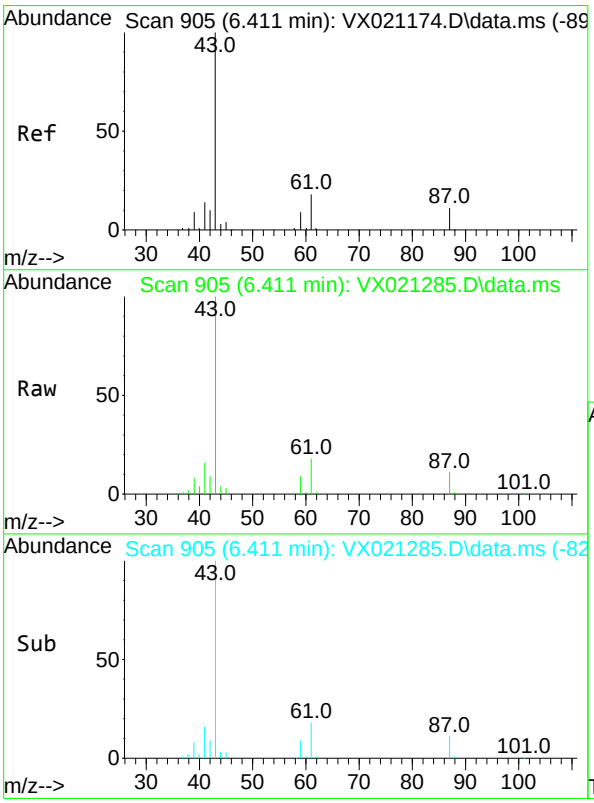


#43
Ethyl Acetate
Concen: 20.25 ug/l
RT: 4.799 min Scan# 631
Delta R.T. 0.012 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 43 Resp: 34031

Ion	Ratio	Lower	Upper
43	100		
45	14.7	12.2	18.4

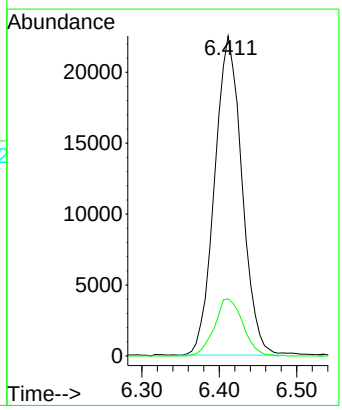


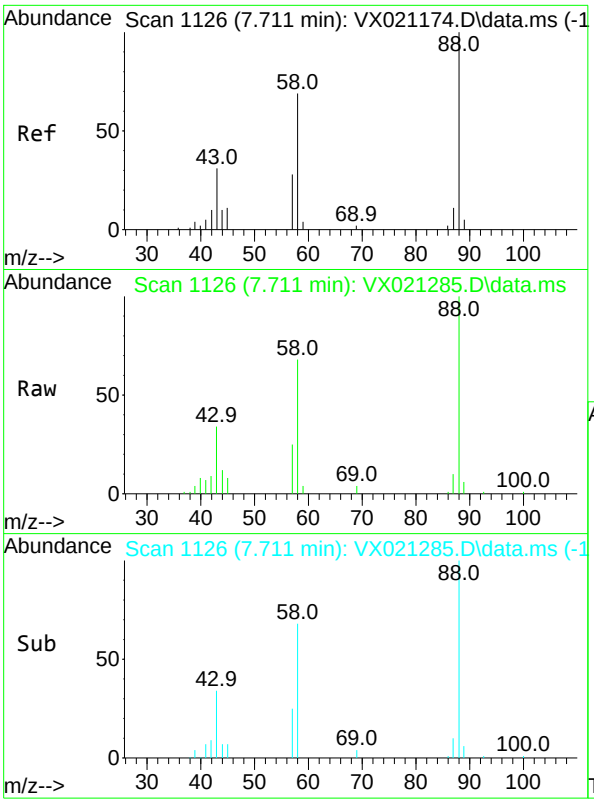


#44
Isopropyl Acetate
Concen: 19.76 ug/l
RT: 6.411 min Scan# 905
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 43 Resp: 55279

Ion	Ratio	Lower	Upper
43	100		
61	18.6	18.1	27.1

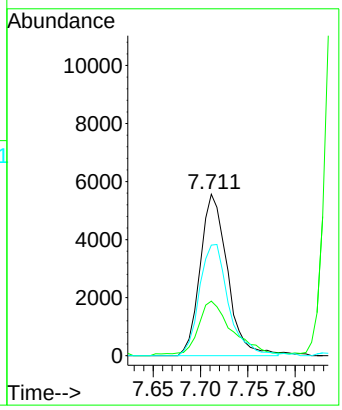




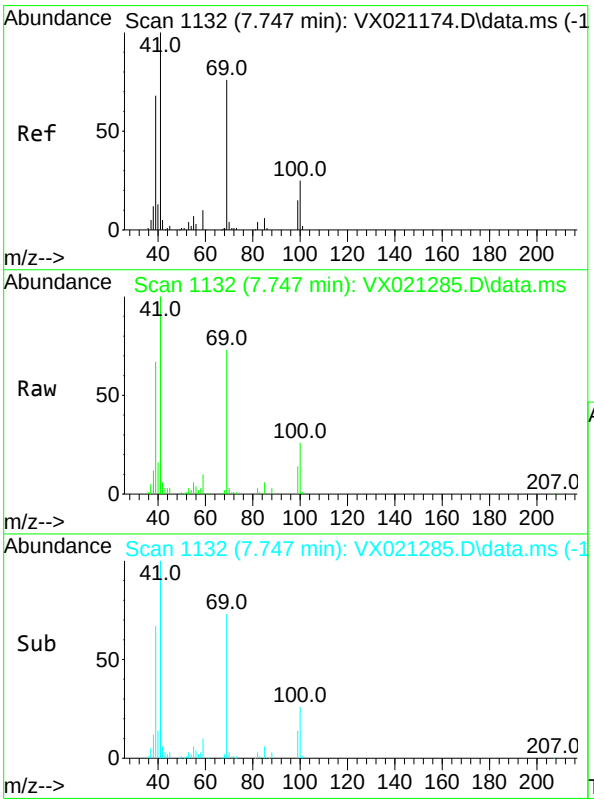
#45
1,4-Dioxane
Concen: 427.11 ug/l
RT: 7.711 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 88 Resp: 11144

Ion	Ratio	Lower	Upper
88	100		
43	43.4	22.2	33.2#
58	73.5	53.9	80.9



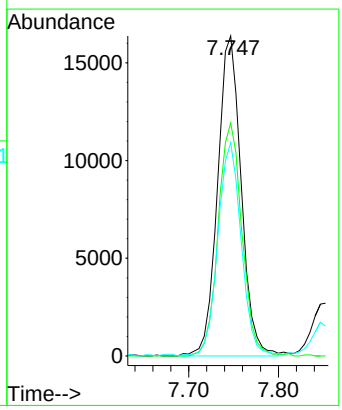
Instrument :
MSVOA_X
ClientSampleId :

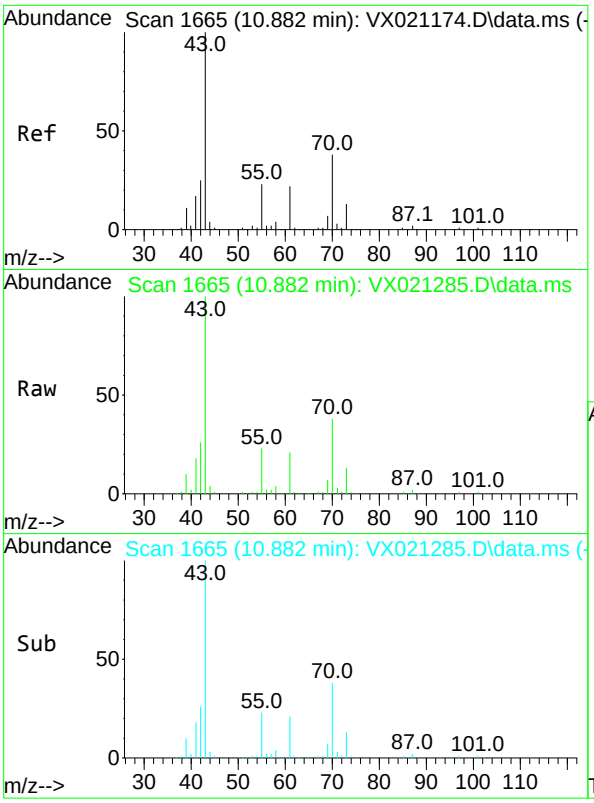


#46
Methyl methacrylate
Concen: 19.92 ug/l
RT: 7.747 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 41 Resp: 29891

Ion	Ratio	Lower	Upper
41	100		
69	72.9	46.9	140.6
39	66.6	28.0	83.9

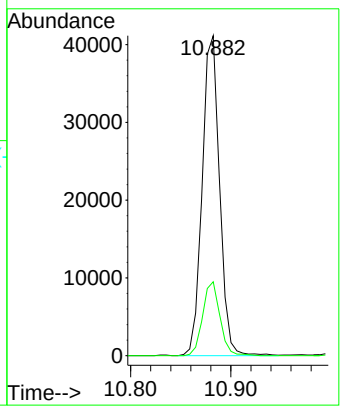




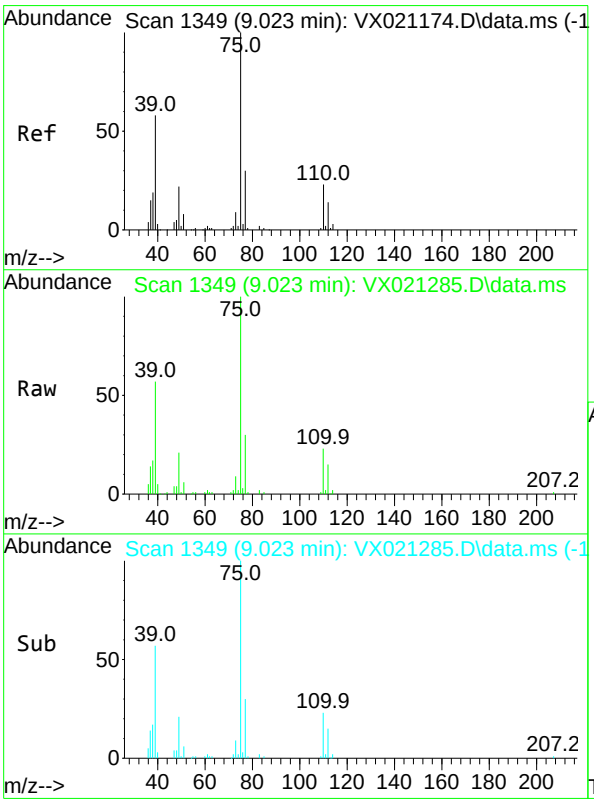
#47
n-amyl Acetate
Concen: 20.35 ug/l
RT: 10.882 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 43 Resp: 49720

Ion	Ratio	Lower	Upper
43	100		
55	22.9	21.8	32.6



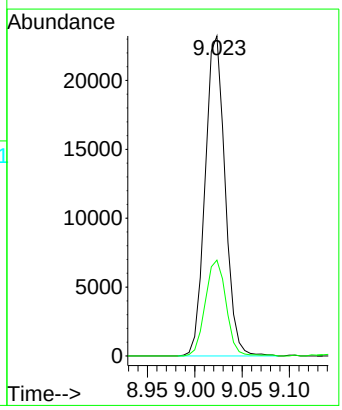
Instrument :
MSVOA_X
ClientSampleId :

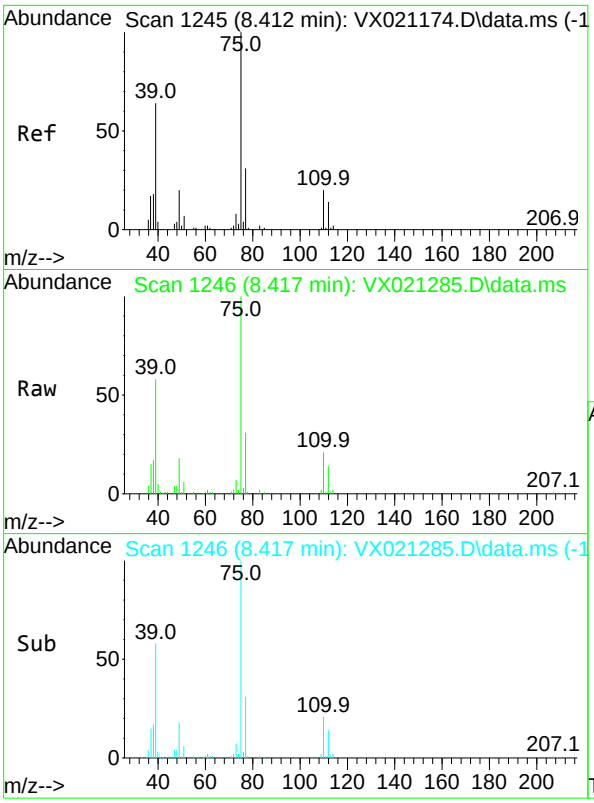


#48
t-1,3-Dichloropropene
Concen: 19.09 ug/l
RT: 9.023 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 75 Resp: 34023

Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.0	37.6

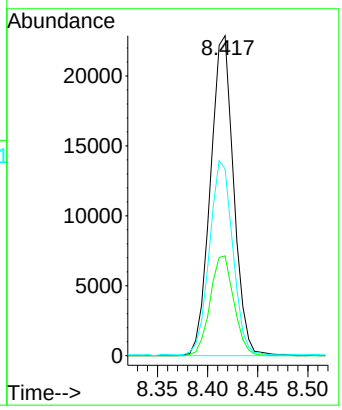




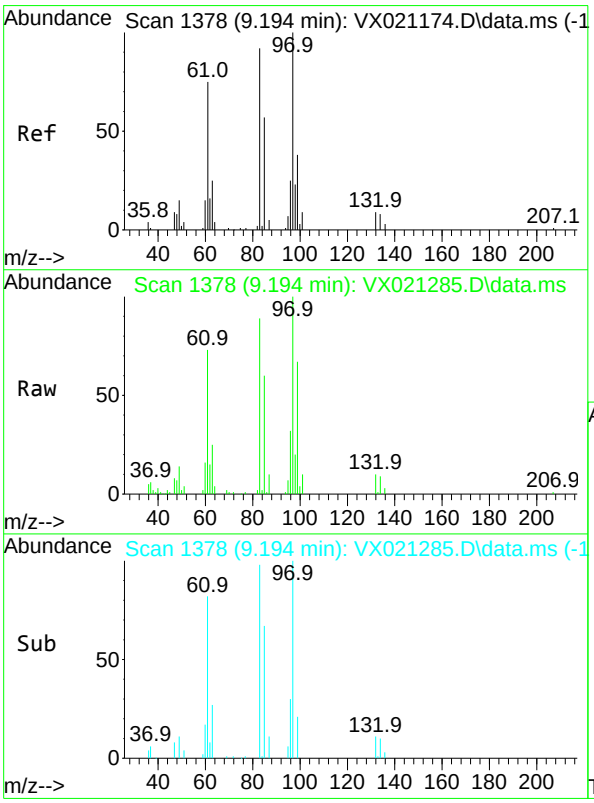
#49
cis-1,3-Dichloropropene
Concen: 19.42 ug/l
RT: 8.417 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 75 Resp: 36868

Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.4	36.6
39	58.1	35.4	53.0#



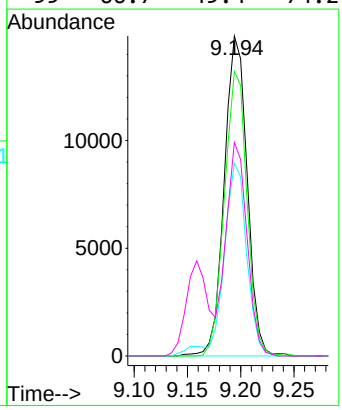
Instrument :
MSVOA_X
ClientSampleId :



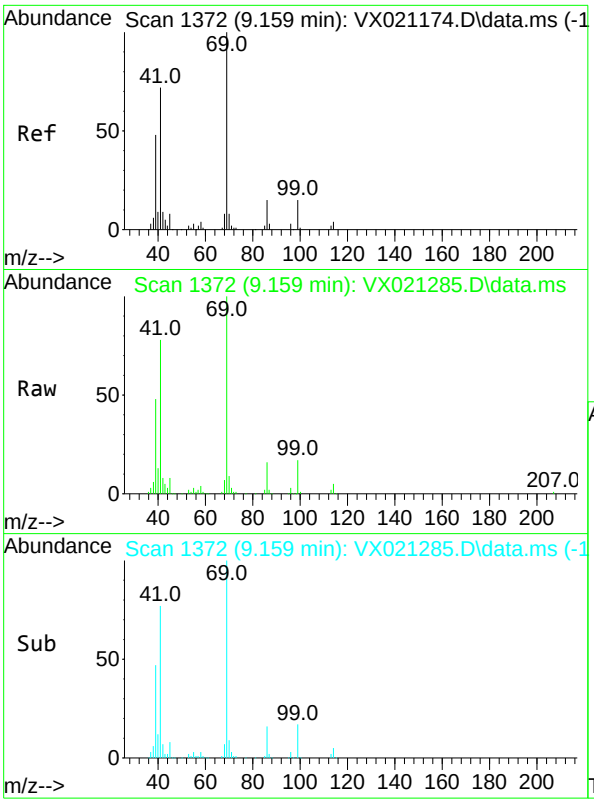
#50
1,1,2-Trichloroethane
Concen: 19.98 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 97 Resp: 22159

Ion	Ratio	Lower	Upper
97	100		
83	89.0	68.5	102.7
85	60.1	43.8	65.6
99	66.7	49.4	74.2



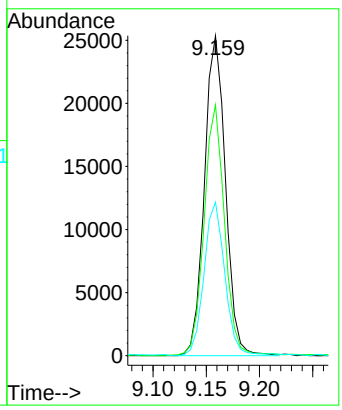
Instrument :
MSVOA_X
ClientSampleId :

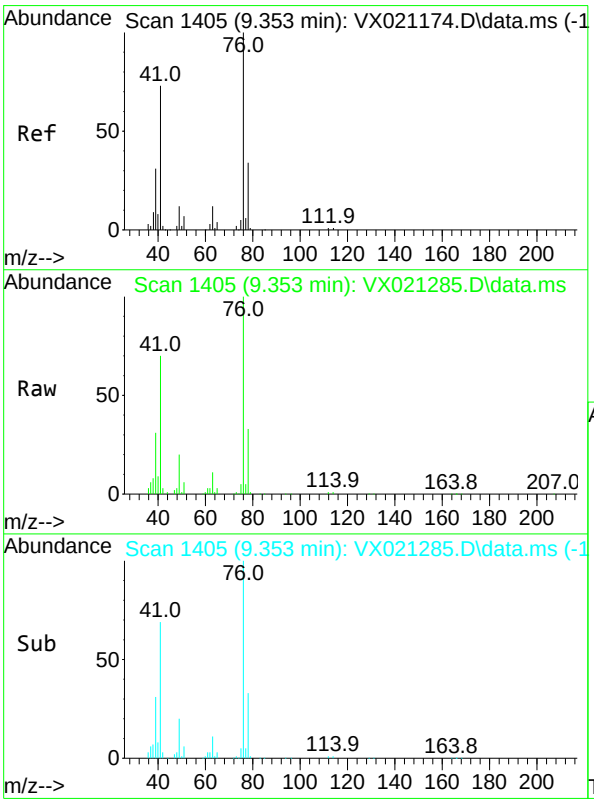


#51
Ethyl methacrylate
Concen: 19.83 ug/l
RT: 9.159 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 69 Resp: 34851

Ion	Ratio	Lower	Upper
69	100		
41	78.1	29.1	87.4
39	47.9	15.4	46.1#

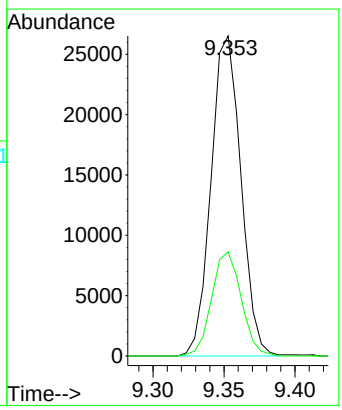




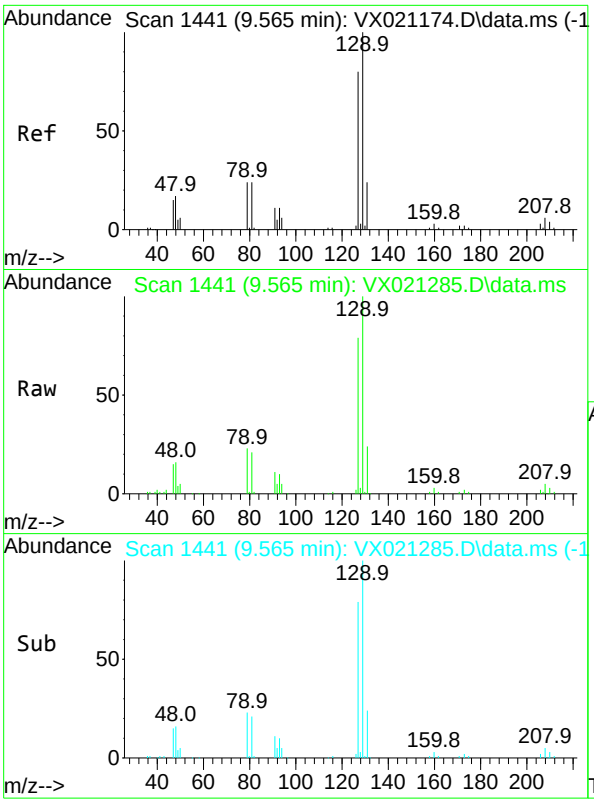
#52
1,3-Dichloropropane
Concen: 20.11 ug/l
RT: 9.353 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 76 Resp: 38787

Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	66.0



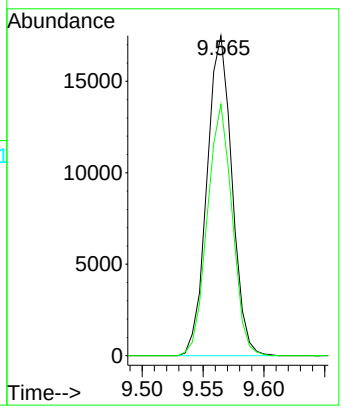
Instrument :
MSVOA_X
ClientSampleId :

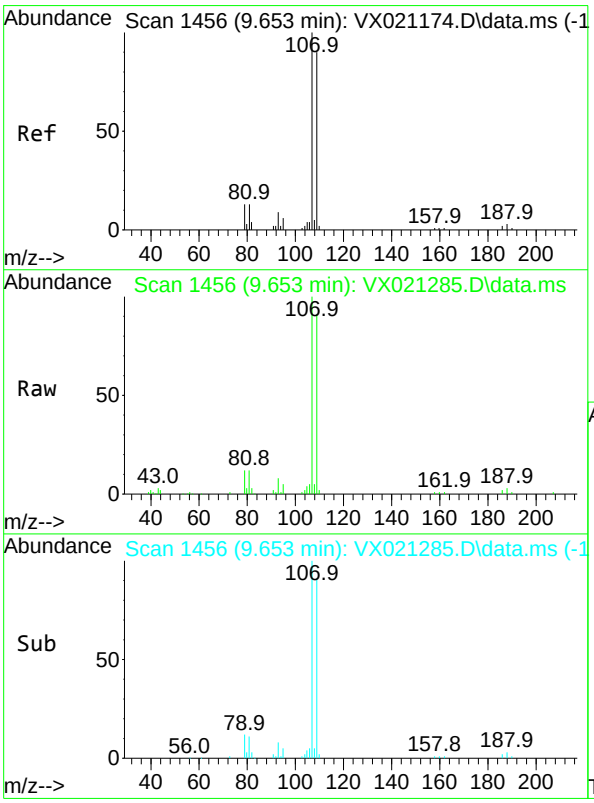


#53
Dibromochloromethane
Concen: 19.50 ug/l
RT: 9.565 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:129 Resp: 24982

Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.4	115.2

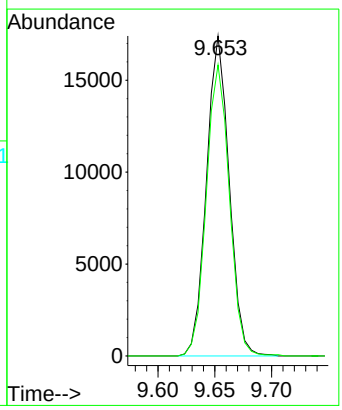


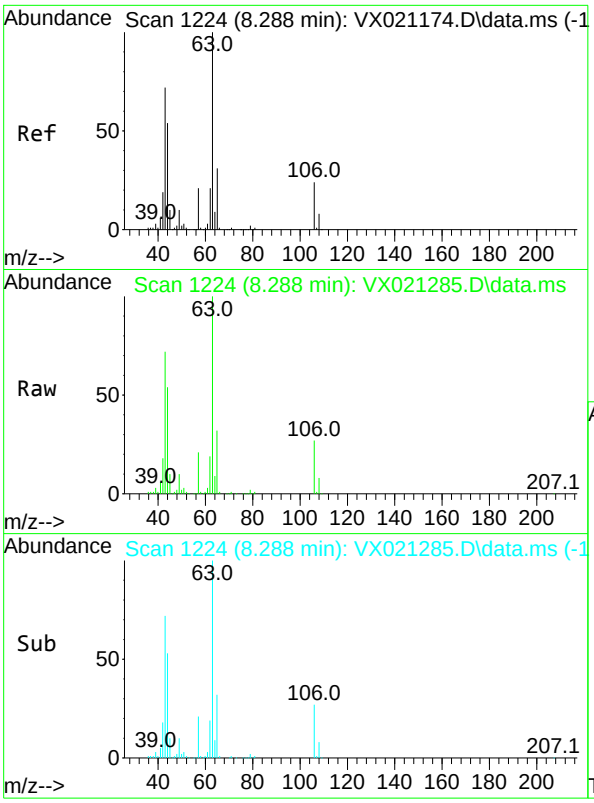


#54
1,2-Dibromoethane
Concen: 20.68 ug/l
RT: 9.653 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:107 Resp: 24247

Ion	Ratio	Lower	Upper
107	100		
109	92.1	73.6	110.4

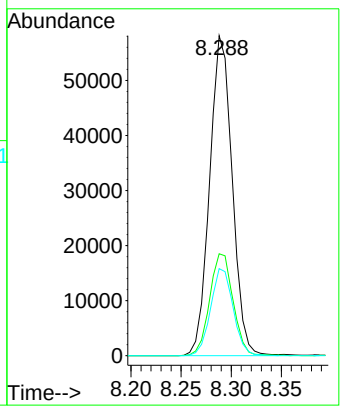




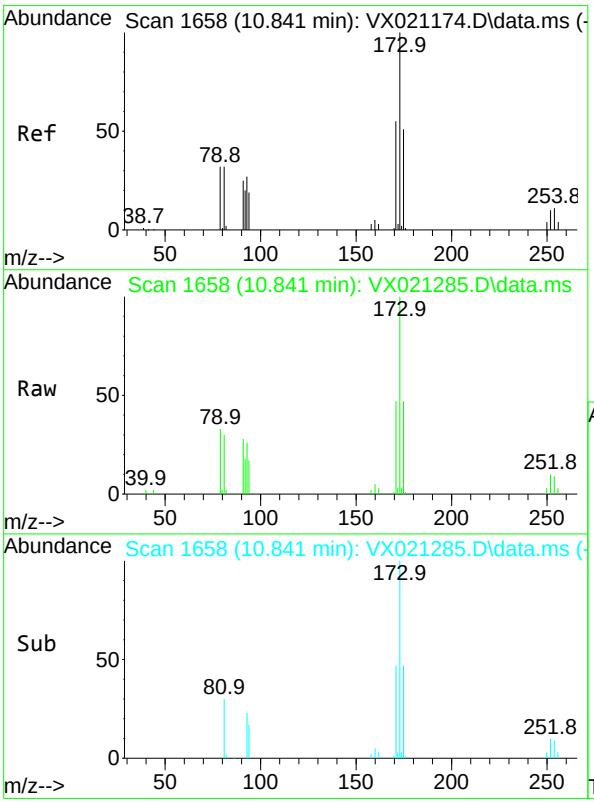
#55
2-Chloroethyl vinyl ether
Concen: 98.54 ug/l
RT: 8.288 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 63 Resp: 91100

Ion	Ratio	Lower	Upper
63	100		
65	33.0	25.9	38.9
106	27.1	23.9	35.9



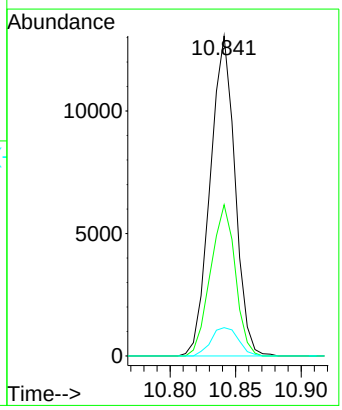
Instrument :
MSVOA_X
ClientSampleId :



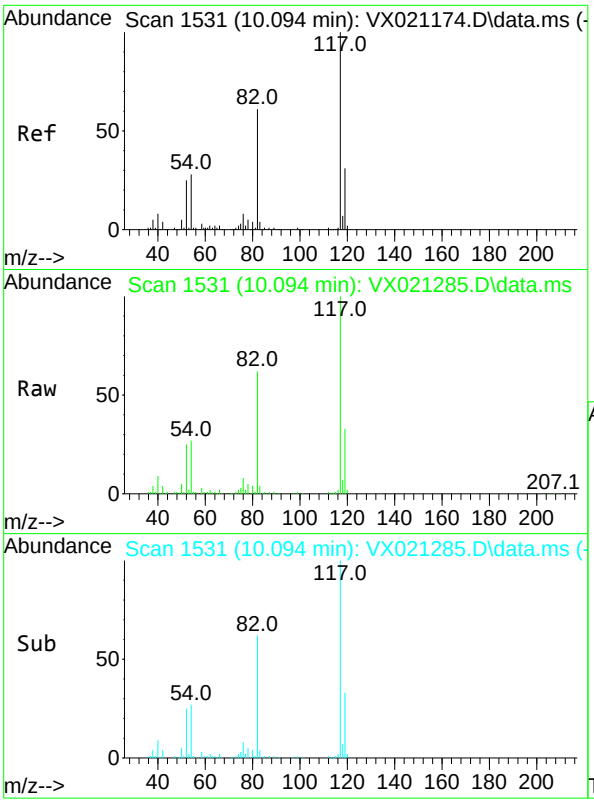
#56
Bromoform
Concen: 18.94 ug/l
RT: 10.841 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:173 Resp: 17145

Ion	Ratio	Lower	Upper
173	100		
175	47.1	38.1	57.1
254	9.8	8.2	12.4



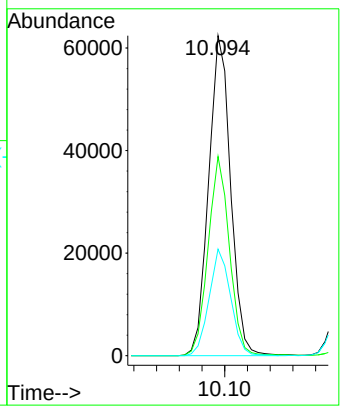
Instrument :
MSVOA_X
ClientSampleId :

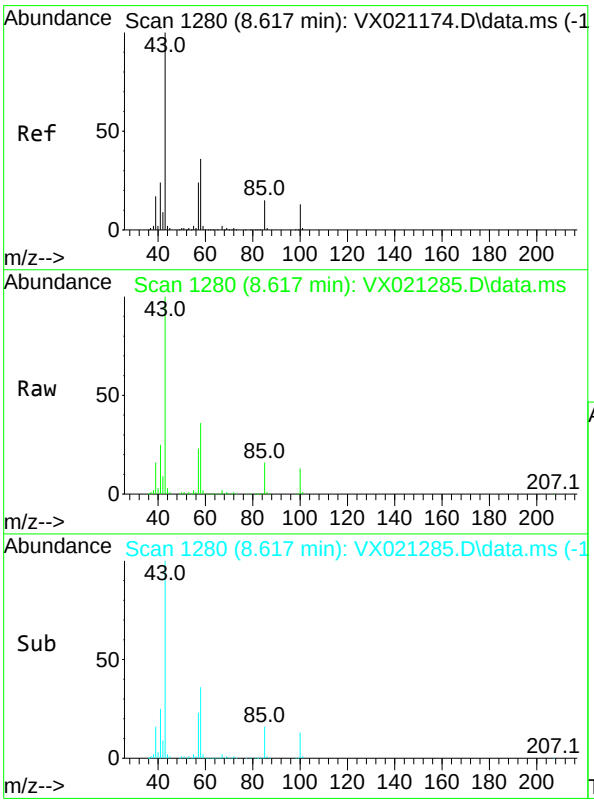


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:117 Resp: 83783

Ion	Ratio	Lower	Upper
117	100		
82	60.7	45.0	67.6
119	32.7	25.6	38.4

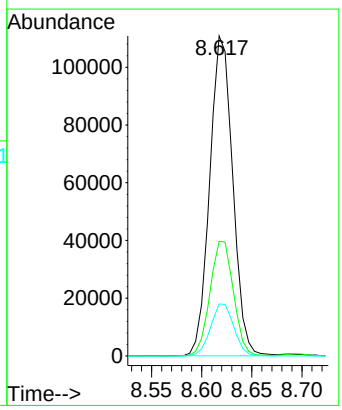




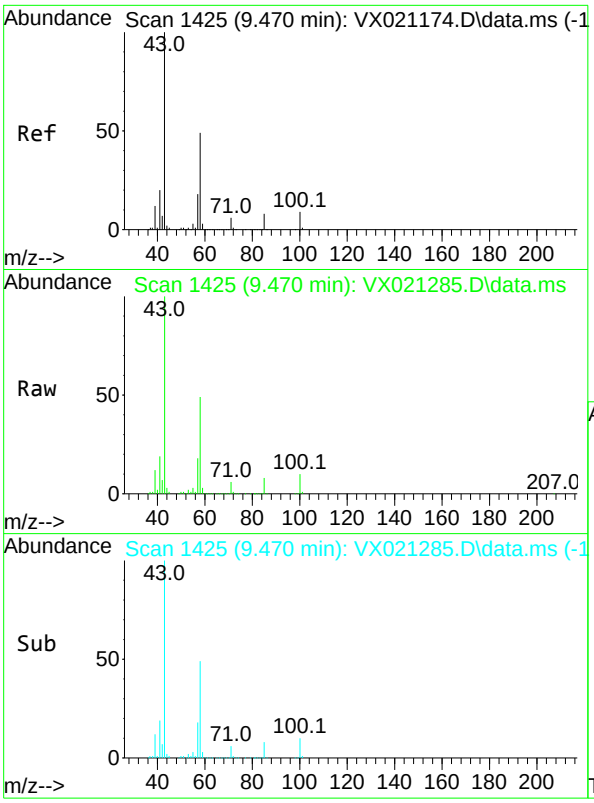
#58
4-Methyl-2-Pentanone
Concen: 104.43 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 43 Resp: 177153

Ion	Ratio	Lower	Upper
43	100		
58	36.6	35.2	52.8
85	16.5	16.8	25.2#



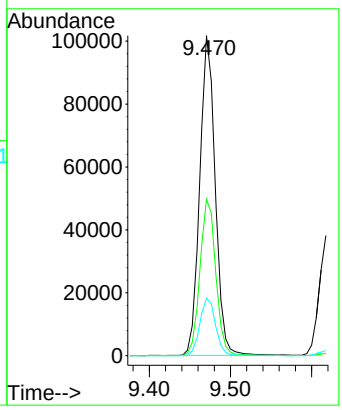
Instrument :
MSVOA_X
ClientSampleId :

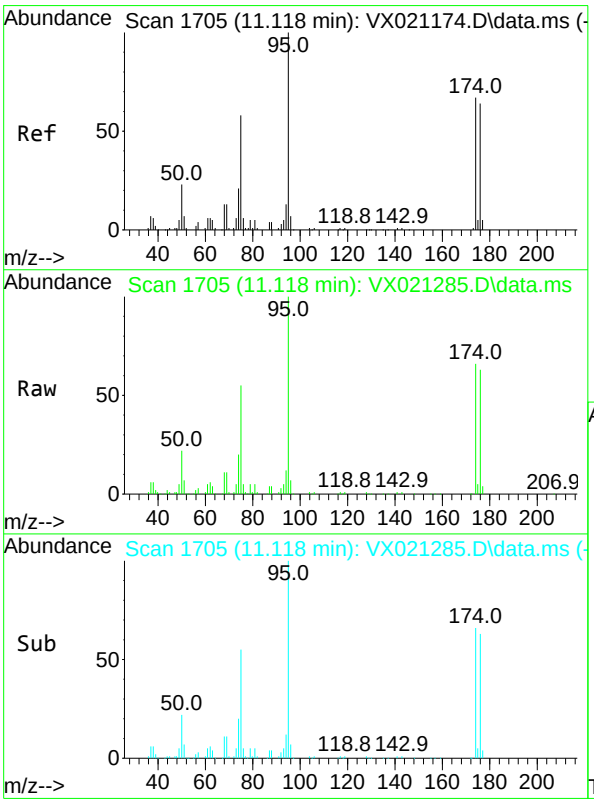


#59
2-Hexanone
Concen: 105.44 ug/l
RT: 9.470 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 43 Resp: 134795

Ion	Ratio	Lower	Upper
43	100		
58	49.6	49.0	73.6
57	18.4	17.1	25.7

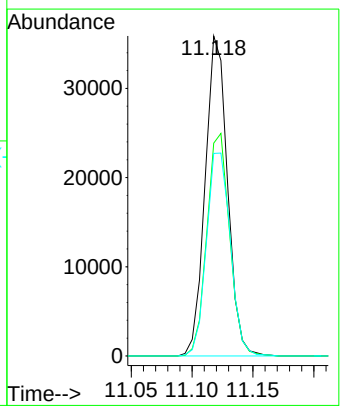


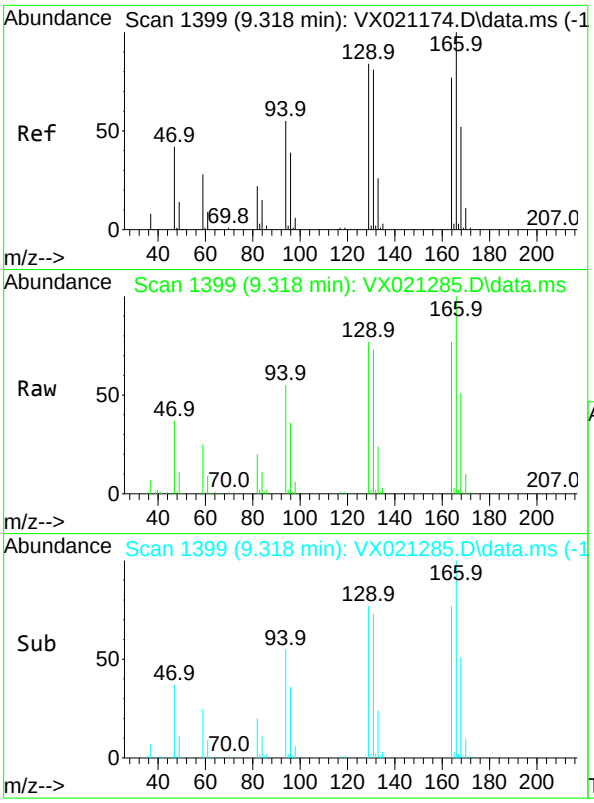


#60
4-Bromofluorobenzene
Concen: 29.89 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 95 Resp: 45793

Ion	Ratio	Lower	Upper
95	100		
174	70.9	63.0	94.4
176	68.0	59.9	89.9

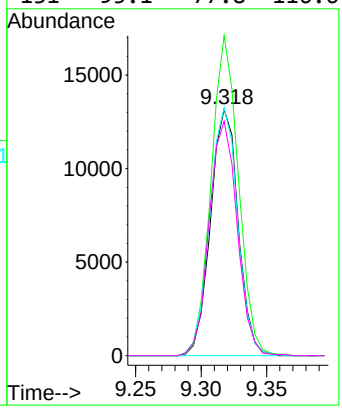




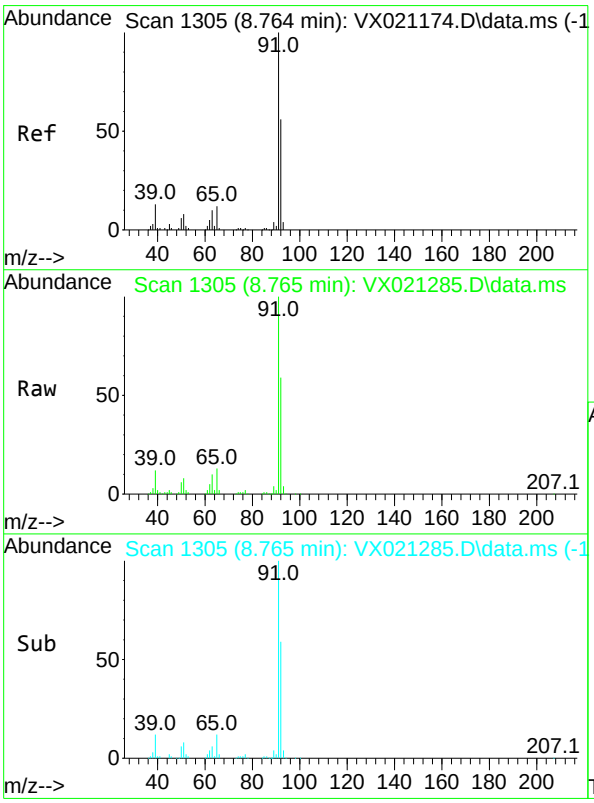
#61
Tetrachloroethene
Concen: 17.72 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:164 Resp: 19239

Ion	Ratio	Lower	Upper
164	100		
166	129.8	102.8	154.2
129	100.5	75.8	113.8
131	95.1	77.8	116.6



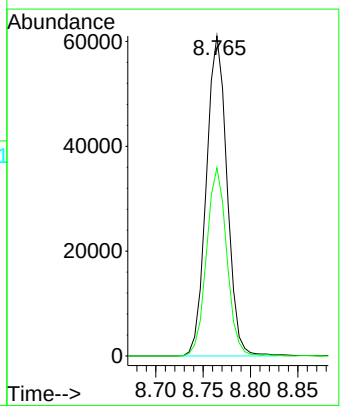
Instrument :
MSVOA_X
ClientSampleId :



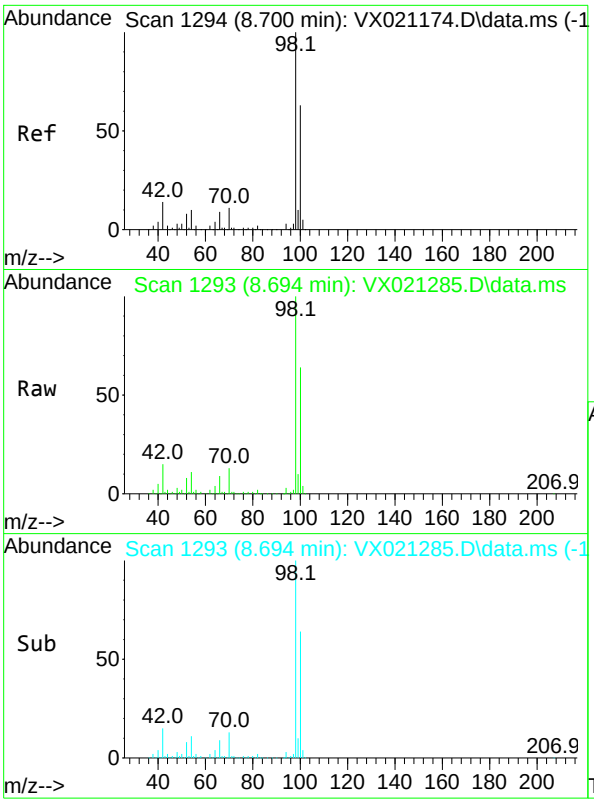
#62
Toluene
Concen: 19.92 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 91 Resp: 92486

Ion	Ratio	Lower	Upper
91	100		
92	57.5	47.2	70.8



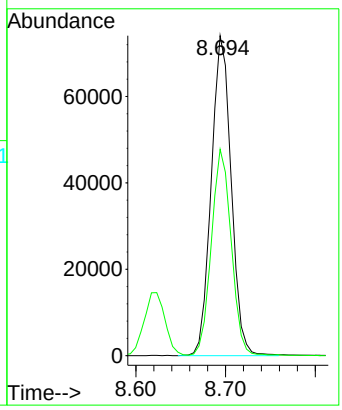
Instrument :
MSVOA_X
ClientSampleId :

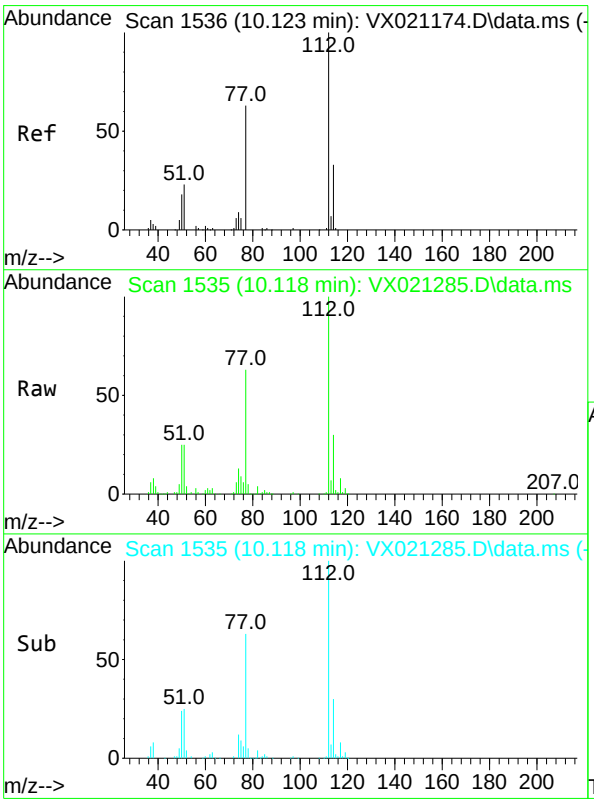


#63
Toluene-d8
Concen: 30.02 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 98 Resp: 114103

Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.0	79.4

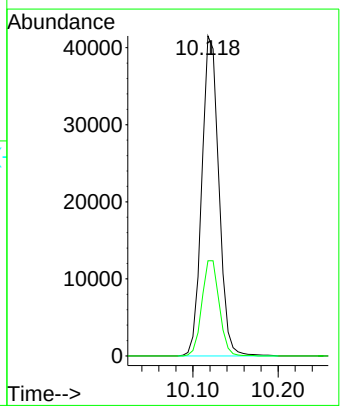




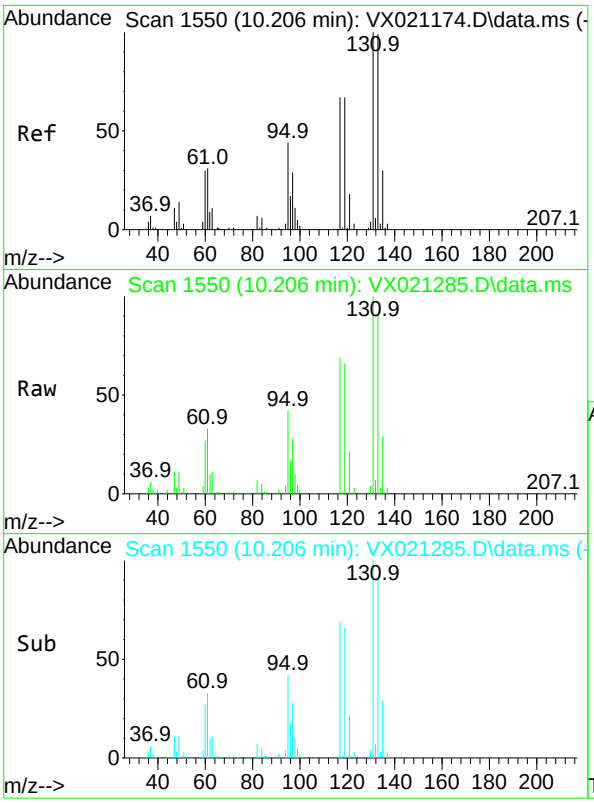
#64
Chlorobenzene
Concen: 20.08 ug/l
RT: 10.118 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:112 Resp: 57638

Ion	Ratio	Lower	Upper
112	100		
114	29.7	25.7	38.5



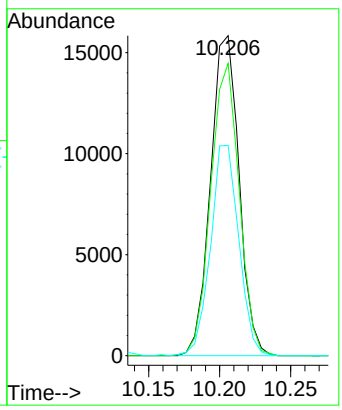
Instrument :
MSVOA_X
ClientSampleId :

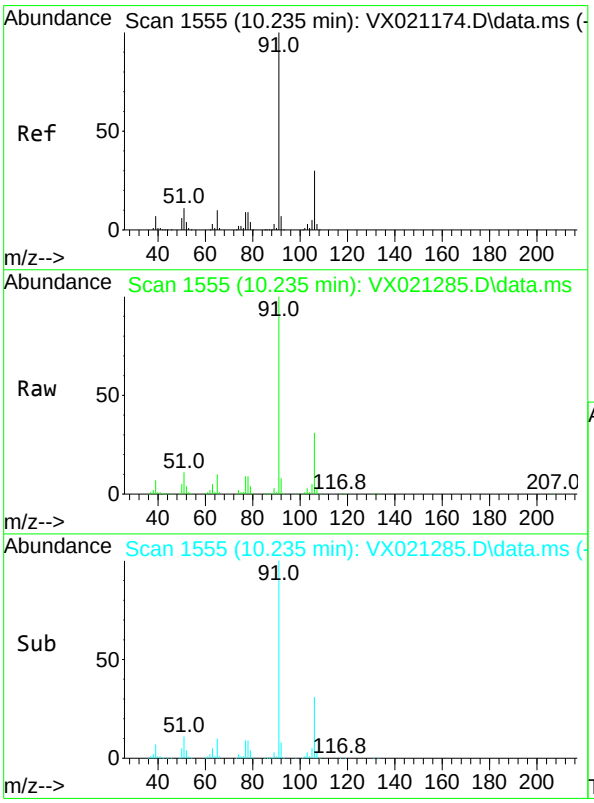


#65
1,1,1,2-Tetrachloroethane
Concen: 20.31 ug/l
RT: 10.206 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:131 Resp: 22137

Ion	Ratio	Lower	Upper
131	100		
133	91.2	0.0	189.6
119	65.1	0.0	129.0

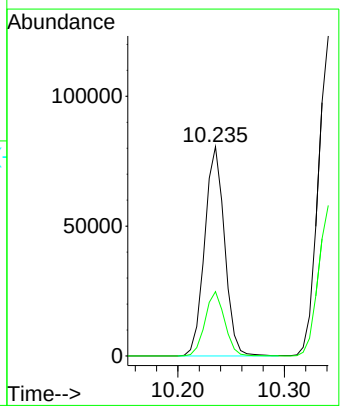




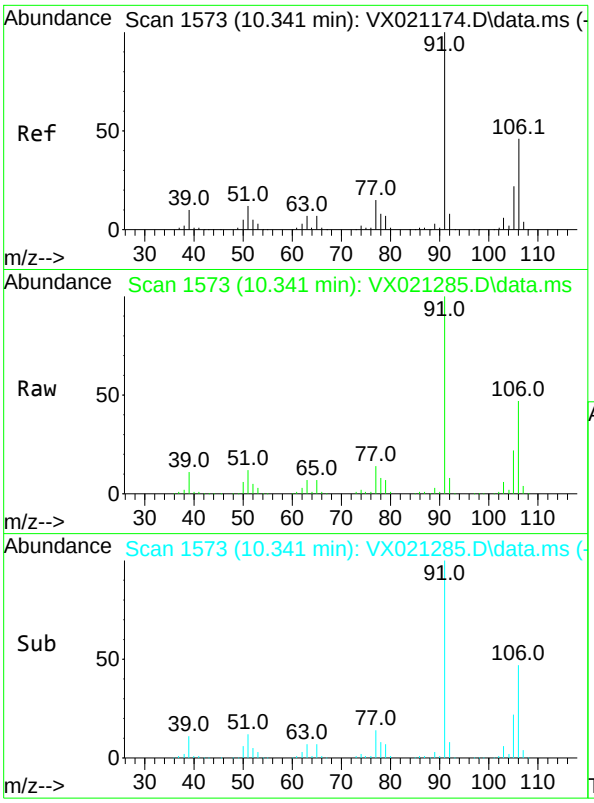
#66
Ethyl Benzene
Concen: 19.63 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 91 Resp: 104864

Ion	Ratio	Lower	Upper
91	100		
106	30.7	25.0	37.4



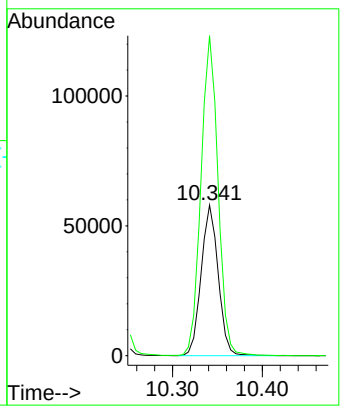
Instrument :
MSVOA_X
ClientSampleId :

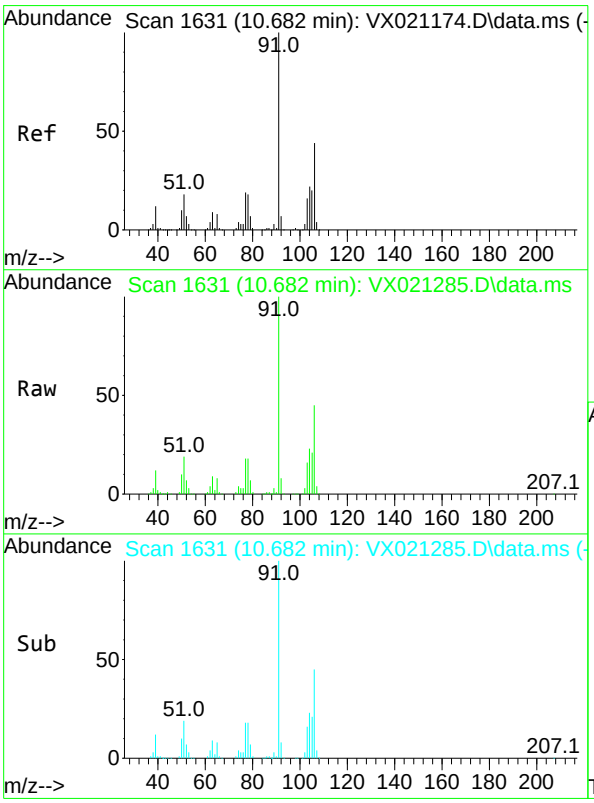


#67
m/p-Xylenes
Concen: 39.71 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:106 Resp: 76359

Ion	Ratio	Lower	Upper
106	100		
91	212.9	164.0	246.0

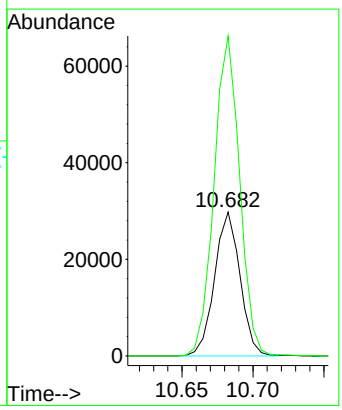




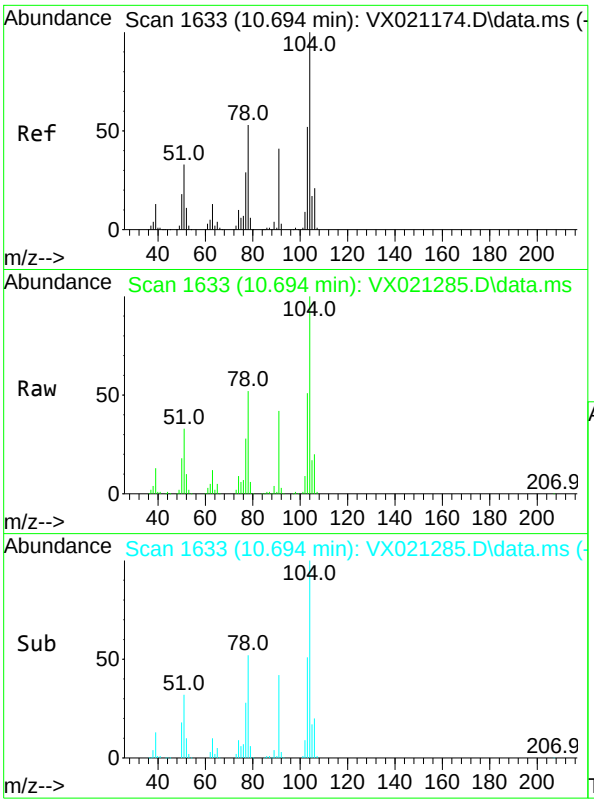
#68
o-Xylene
Concen: 19.95 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:106 Resp: 37140

Ion	Ratio	Lower	Upper
106	100		
91	223.6	106.5	319.6



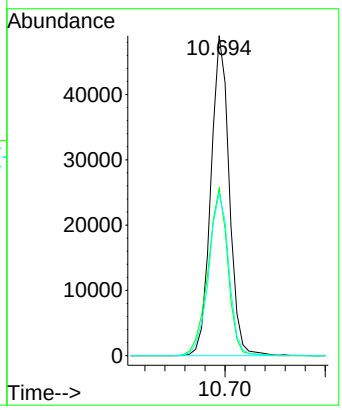
Instrument :
MSVOA_X
ClientSampleId :

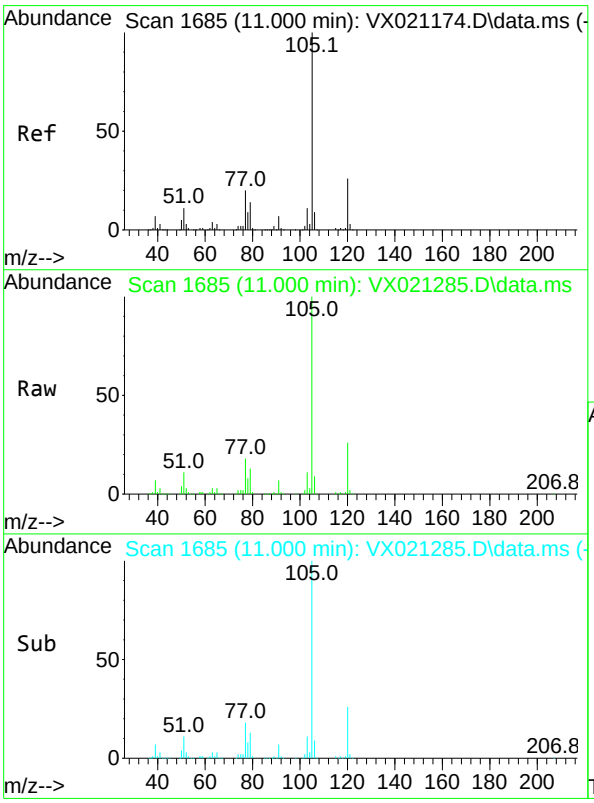


#69
Styrene
Concen: 19.74 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:104 Resp: 62330

Ion	Ratio	Lower	Upper
104	100		
78	56.7	39.2	58.8
103	55.7	43.0	64.4

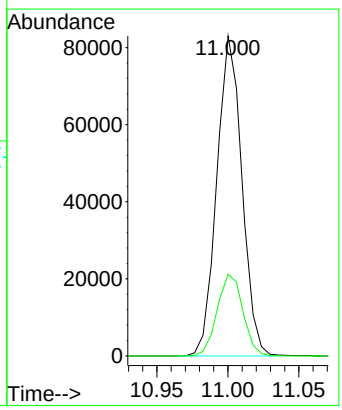




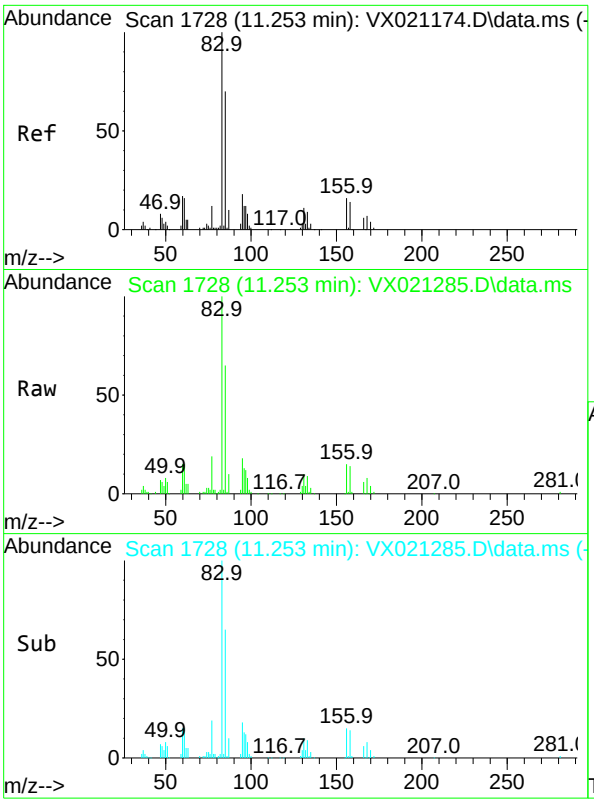
#70
Isopropylbenzene
Concen: 20.03 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:105 Resp: 101937

Ion	Ratio	Lower	Upper
105	100		
120	26.1	18.4	34.2



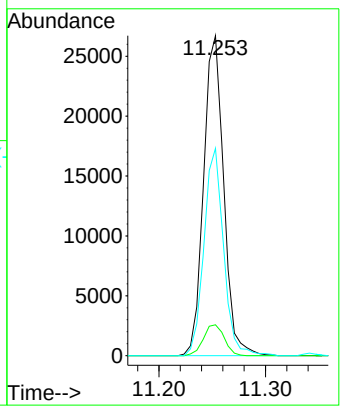
Instrument :
MSVOA_X
ClientSampleId :

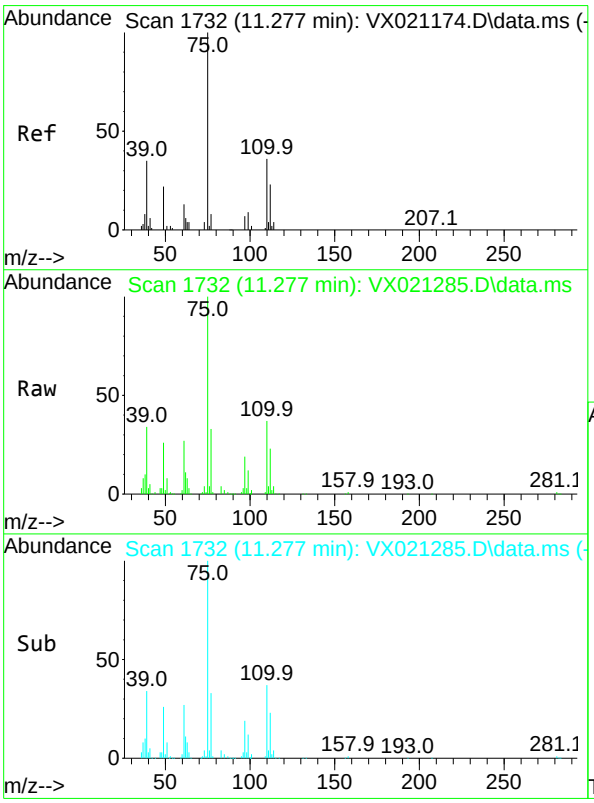


#71
1,1,2,2-Tetrachloroethane
Concen: 21.70 ug/l
RT: 11.253 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 83 Resp: 35042

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.3
85	63.4	32.0	96.0

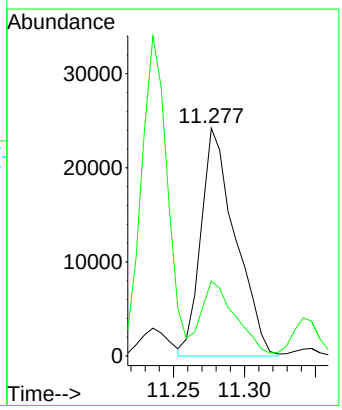




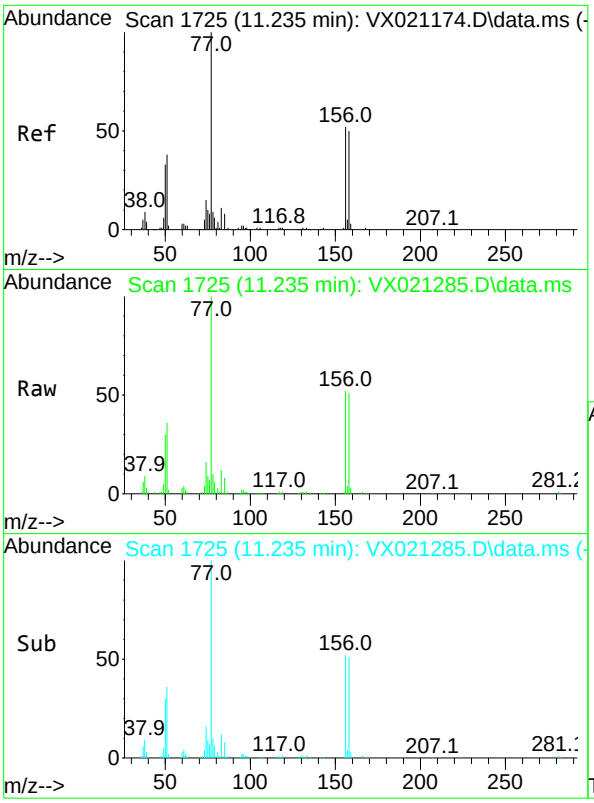
#72
1,2,3-Trichloropropane
Concen: 24.88 ug/l
RT: 11.277 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 75 Resp: 40879

Ion	Ratio	Lower	Upper
75	100		
77	33.1	0.0	74.6



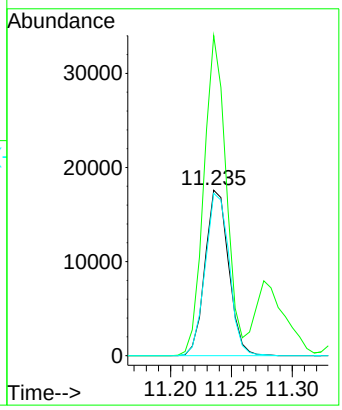
Instrument :
MSVOA_X
ClientSampleId :

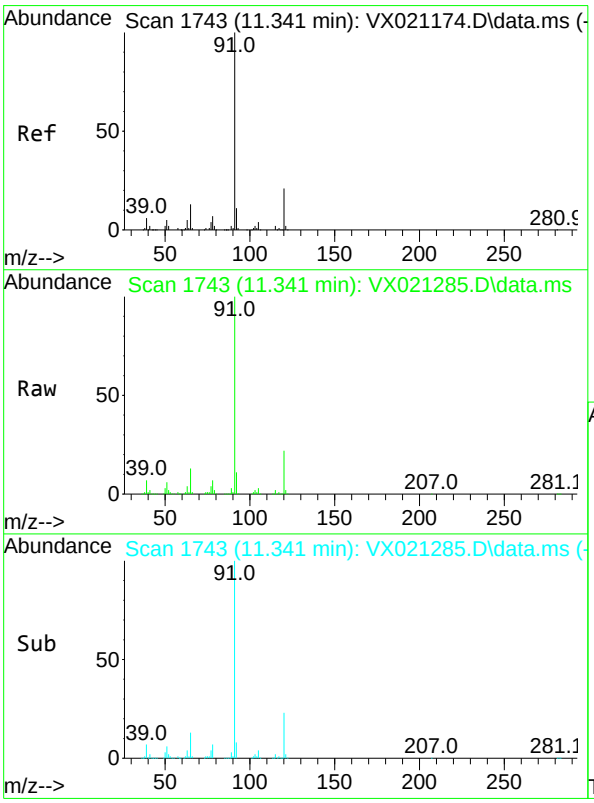


#73
Bromobenzene
Concen: 19.67 ug/l
RT: 11.235 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:156 Resp: 23734

Ion	Ratio	Lower	Upper
156	100		
77	182.3	0.0	324.8
158	99.4	0.0	192.0

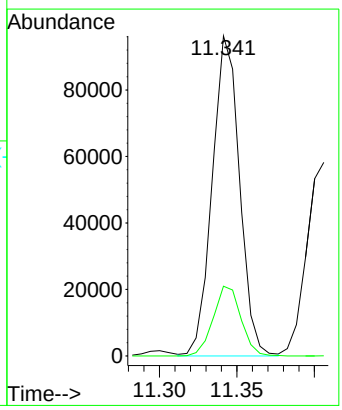




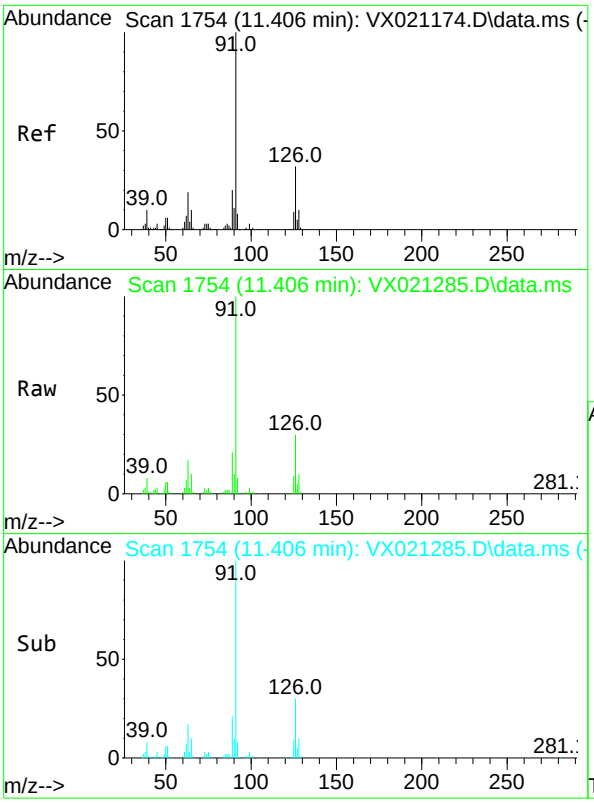
#74
n-propylbenzene
Concen: 19.52 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 91 Resp: 118005

Ion	Ratio	Lower	Upper
91	100		
120	22.1	0.0	45.8



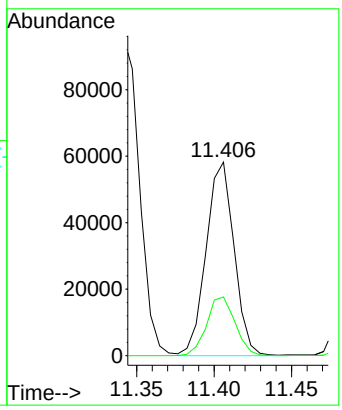
Instrument :
MSVOA_X
ClientSampleId :

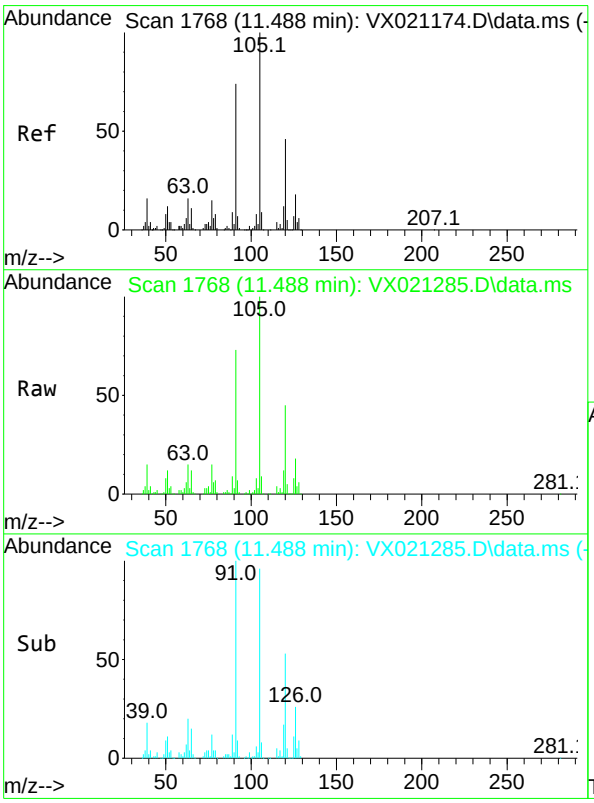


#75
2-Chlorotoluene
Concen: 20.07 ug/l
RT: 11.406 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 91 Resp: 73054

Ion	Ratio	Lower	Upper
91	100		
126	30.9	0.0	66.6

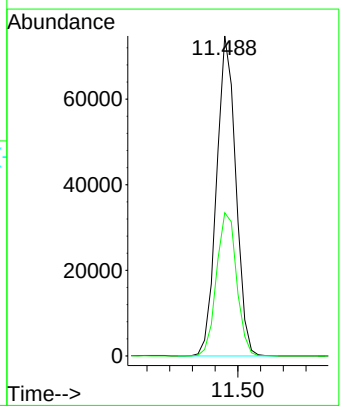




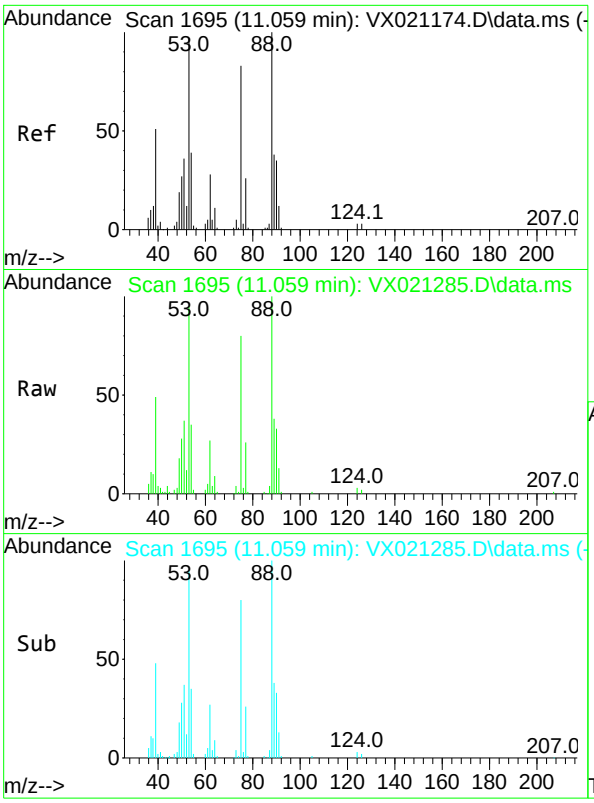
#76
1,3,5-Trimethylbenzene
Concen: 20.30 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:105 Resp: 87886

Ion	Ratio	Lower	Upper
105	100		
120	46.8	0.0	96.2



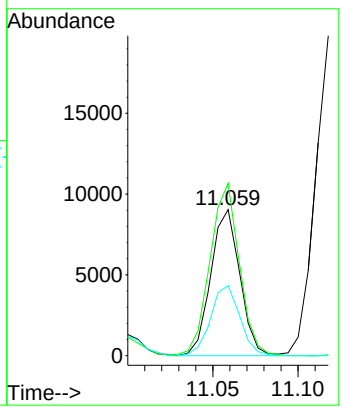
Instrument :
MSVOA_X
ClientSampleId :

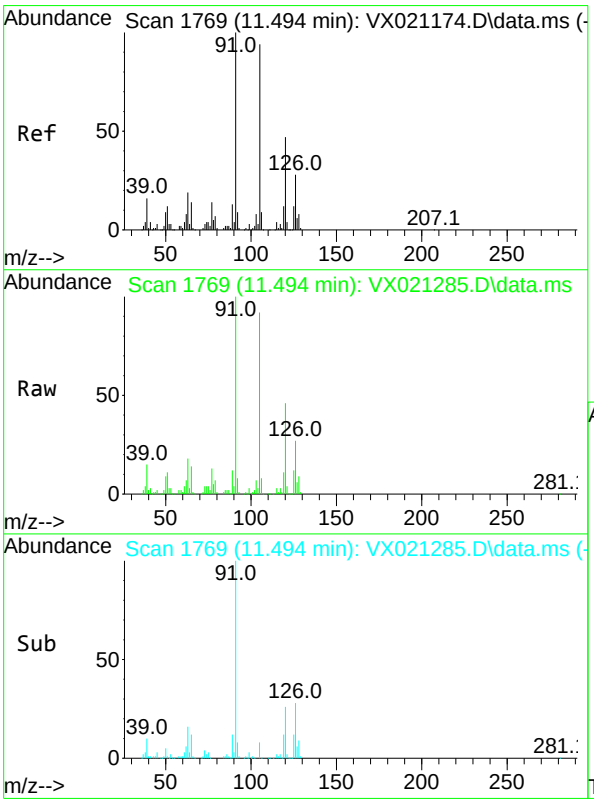


#77
t-1,4-Dichloro-2-butene
Concen: 19.91 ug/l
RT: 11.059 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 75 Resp: 10746

Ion	Ratio	Lower	Upper
75	100		
53	117.1	48.4	145.0
89	47.9	22.7	68.0

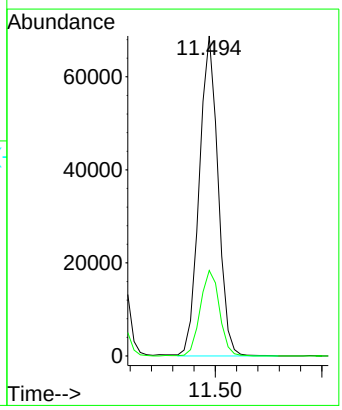




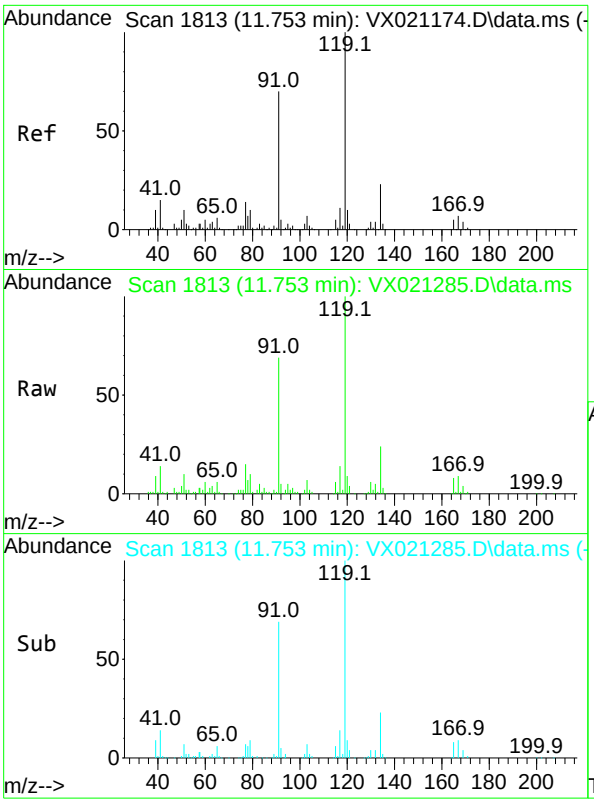
#78
4-Chlorotoluene
Concen: 19.87 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 91 Resp: 84235

Ion	Ratio	Lower	Upper
91	100		
126	27.2	0.0	57.8



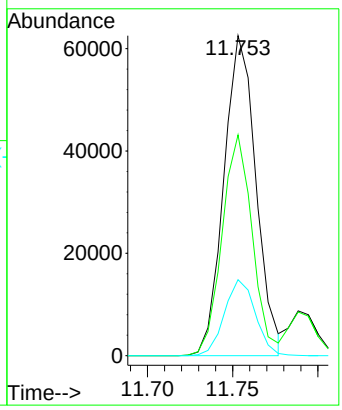
Instrument :
MSVOA_X
ClientSampleId :

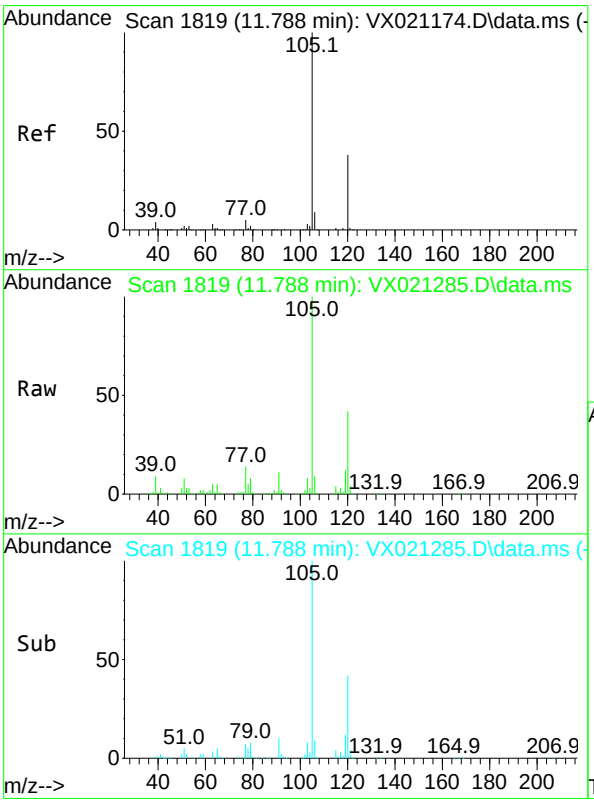


#79
tert-butylbenzene
Concen: 20.47 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:119 Resp: 82113

Ion	Ratio	Lower	Upper
119	100		
91	65.1	0.0	118.0
134	22.9	0.0	48.0

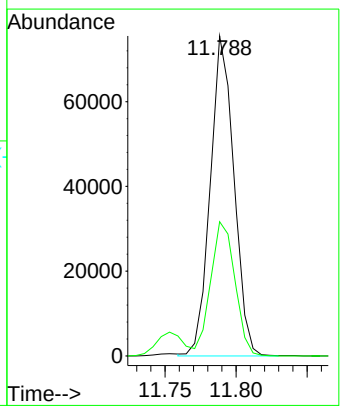




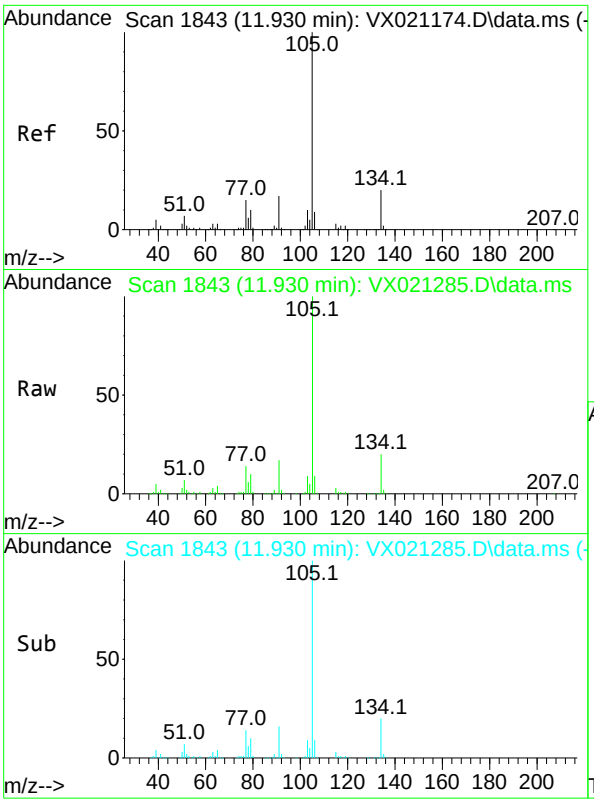
#80
1,2,4-Trimethylbenzene
Concen: 20.13 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:105 Resp: 87563

Ion	Ratio	Lower	Upper
105	100		
120	42.9	0.0	89.8



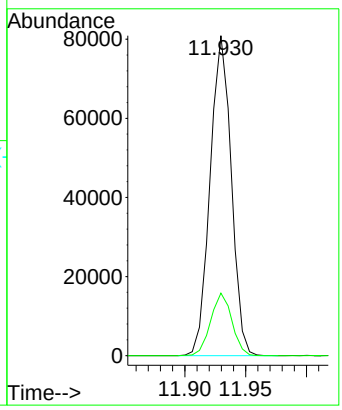
Instrument :
MSVOA_X
ClientSampleId :

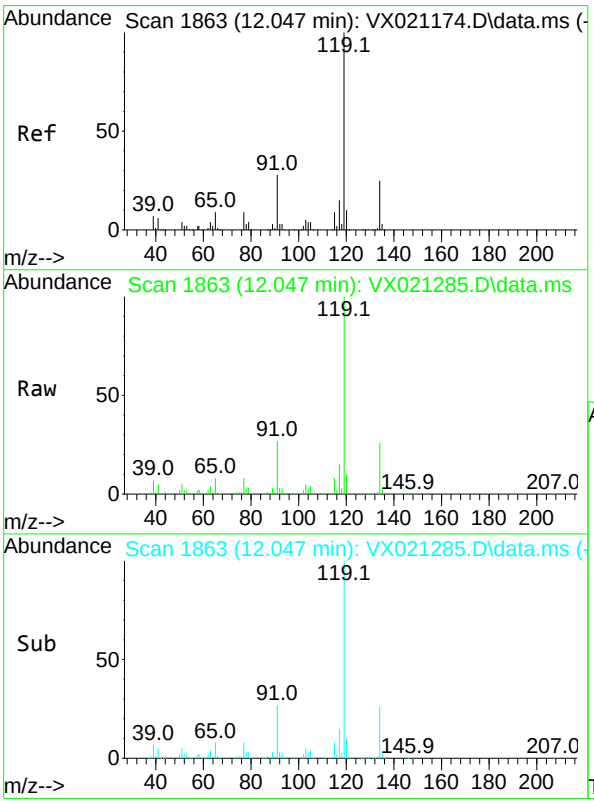


#81
sec-Butylbenzene
Concen: 20.23 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:105 Resp: 97738

Ion	Ratio	Lower	Upper
105	100		
134	19.6	0.0	39.6

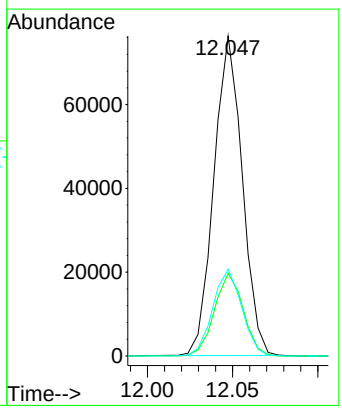




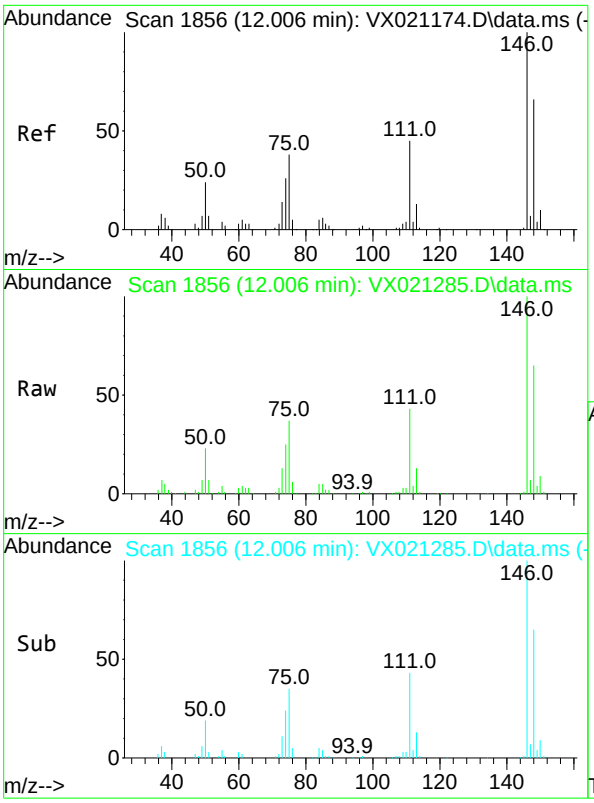
#82
p-Isopropyltoluene
Concen: 20.12 ug/l
RT: 12.047 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:119 Resp: 88291

Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	52.8
91	27.7	0.0	47.4



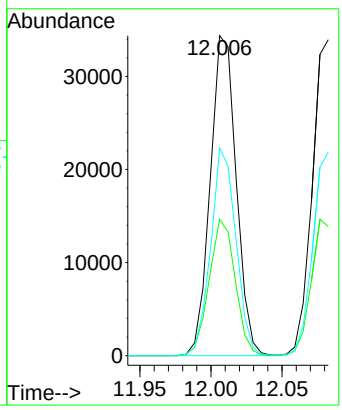
Instrument :
MSVOA_X
ClientSampleId :

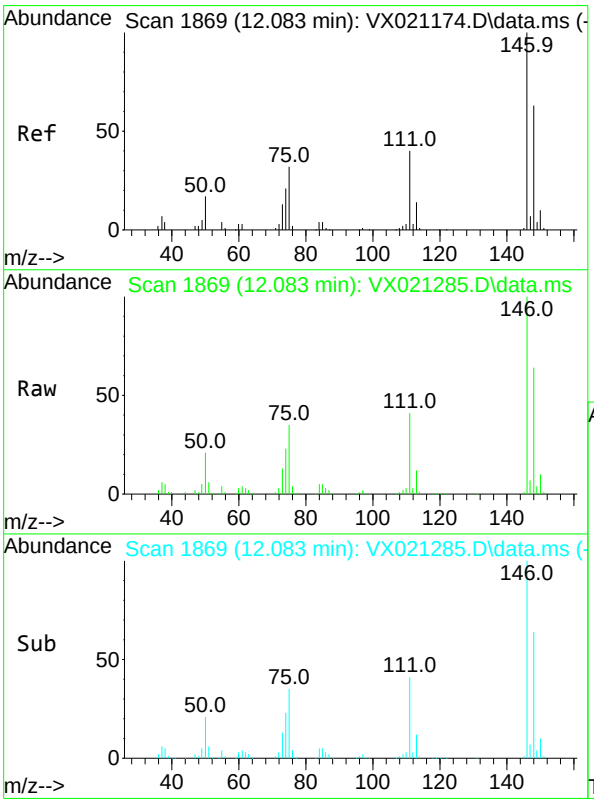


#83
1,3-Dichlorobenzene
Concen: 20.26 ug/l
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:146 Resp: 43749

Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.3	60.9
148	63.0	31.9	95.9

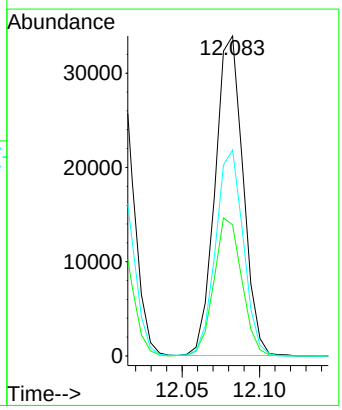




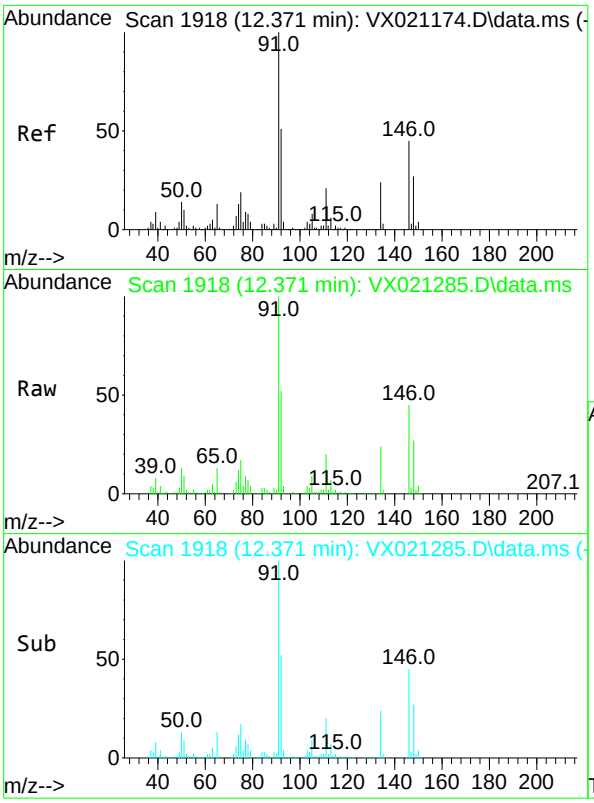
#84
1,4-Dichlorobenzene
Concen: 19.65 ug/l
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:146 Resp: 42559

Ion	Ratio	Lower	Upper
146	100		
111	43.0	19.1	57.3
148	63.7	31.9	95.5



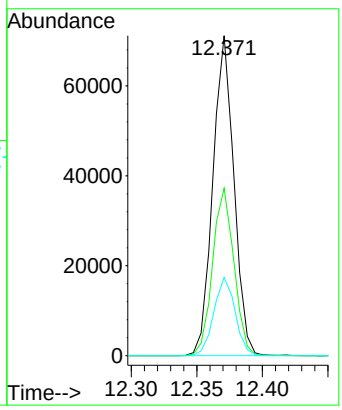
Instrument :
MSVOA_X
ClientSampleId :

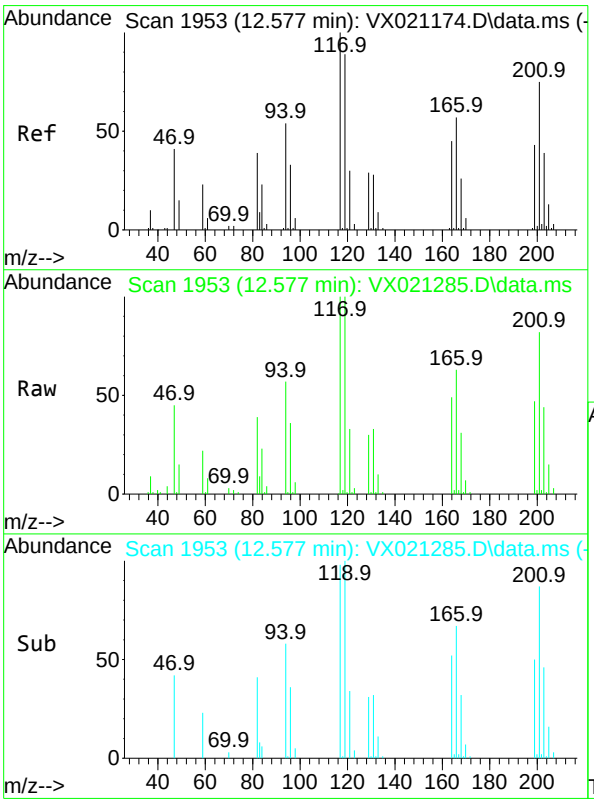


#85
n-Butylbenzene
Concen: 19.51 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 91 Resp: 79400

Ion	Ratio	Lower	Upper
91	100		
92	52.9	0.0	109.0
134	24.8	0.0	51.8

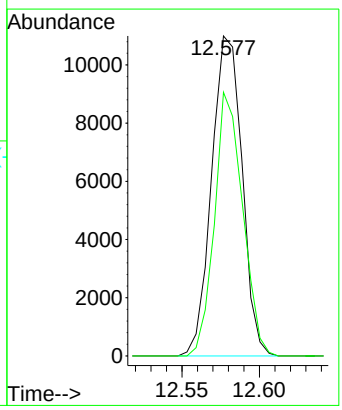




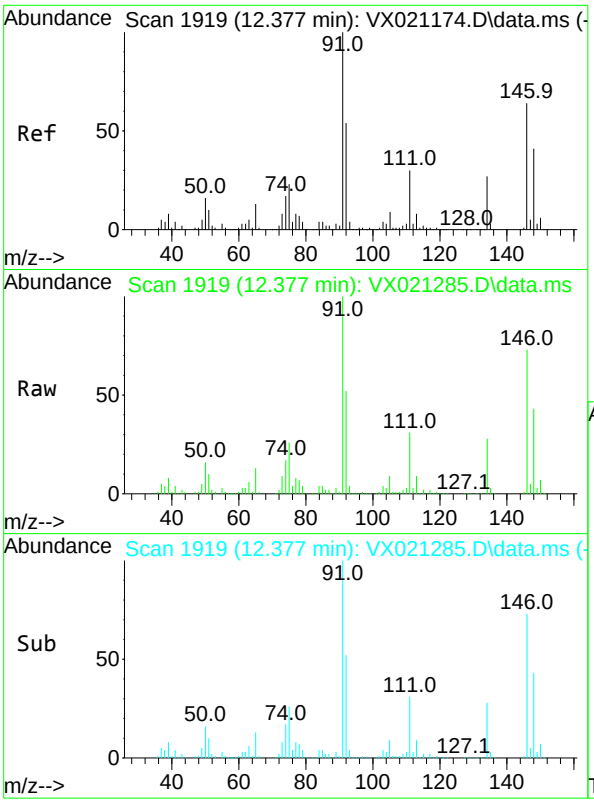
#86
Hexachloroethane
Concen: 18.55 ug/l
RT: 12.577 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:117 Resp: 15031

Ion	Ratio	Lower	Upper
117	100		
201	76.1	40.5	121.4



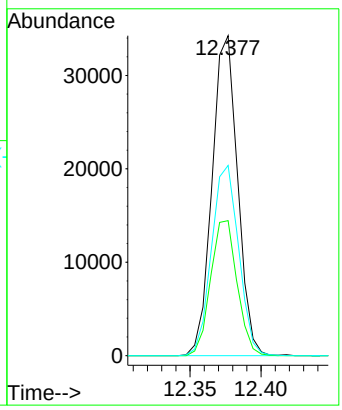
Instrument :
MSVOA_X
ClientSampleId :

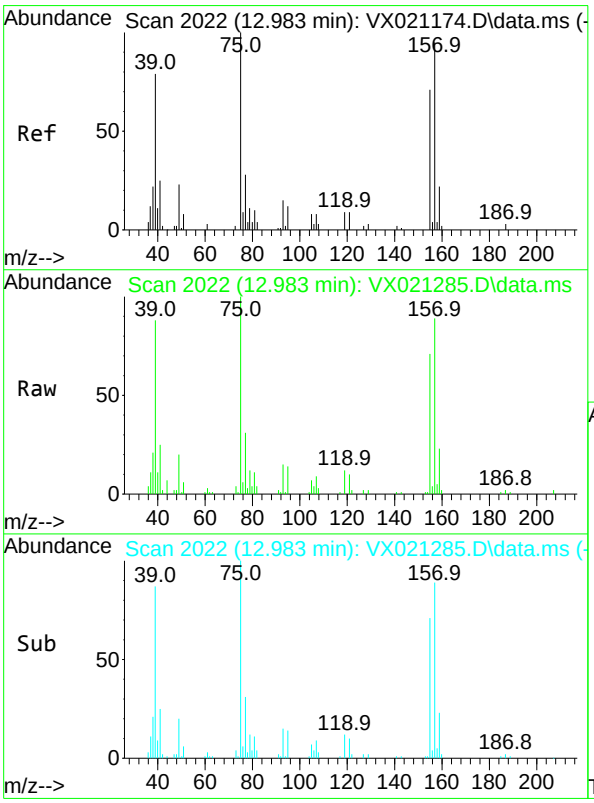


#87
1,2-Dichlorobenzene
Concen: 20.27 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:146 Resp: 42903

Ion	Ratio	Lower	Upper
146	100		
111	43.7	20.8	62.5
148	63.1	32.4	97.0

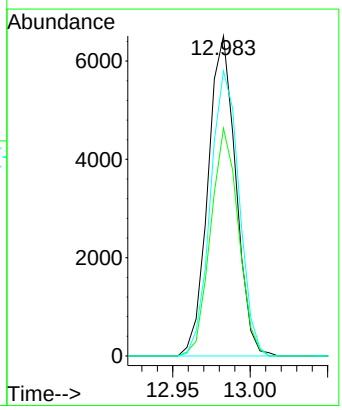




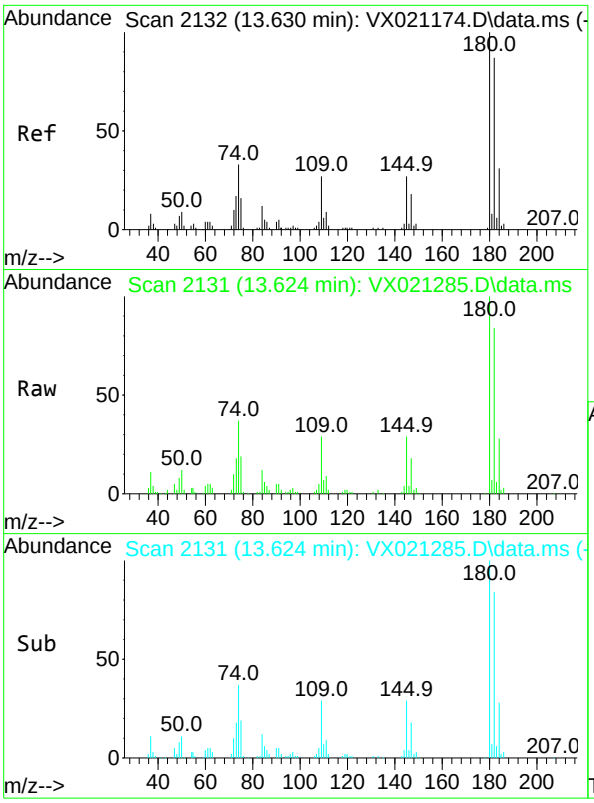
#88
1,2-Dibromo-3-Chloropropane
Concen: 20.19 ug/l
RT: 12.983 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 75 Resp: 8114

Ion	Ratio	Lower	Upper
75	100		
155	71.1	68.9	103.3
157	91.7	91.3	136.9



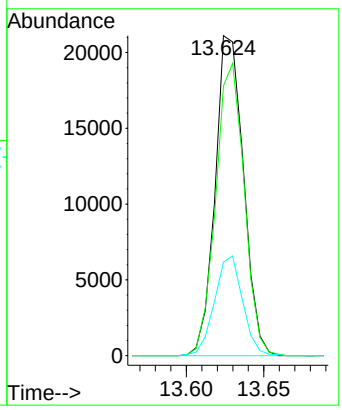
Instrument :
MSVOA_X
ClientSampleId :

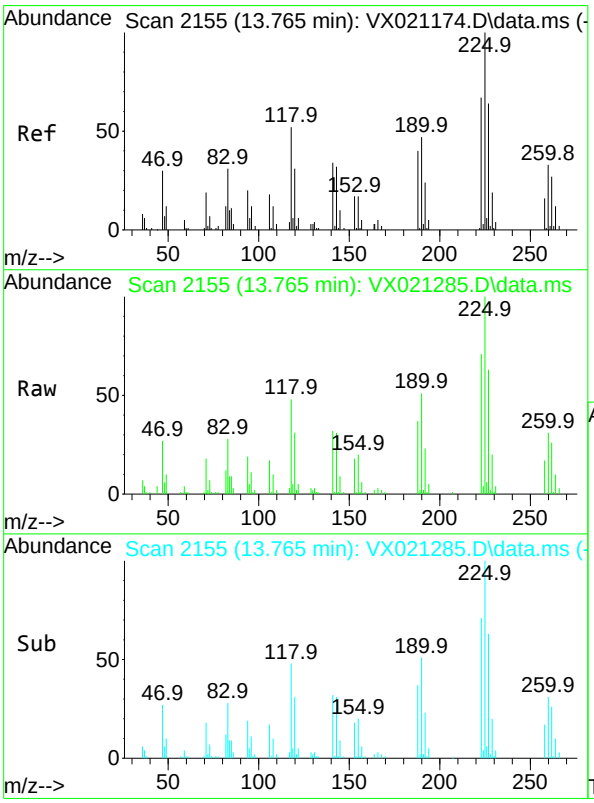


#89
1,2,4-Trichlorobenzene
Concen: 20.17 ug/l
RT: 13.624 min Scan# 2131
Delta R.T. -0.006 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:180 Resp: 26857

Ion	Ratio	Lower	Upper
180	100		
182	91.9	77.9	116.9
145	30.9	24.3	36.5

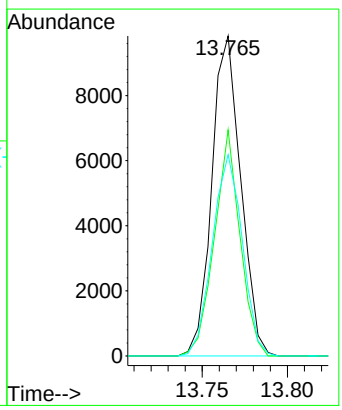




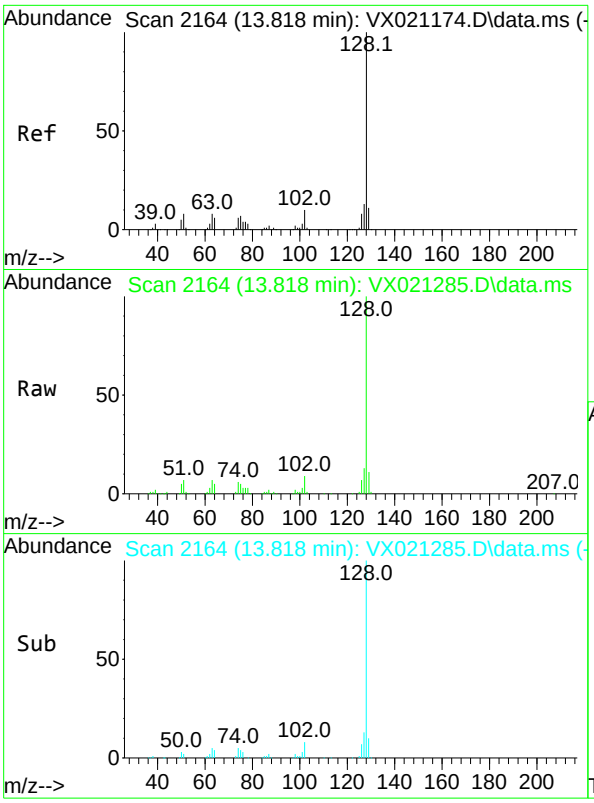
#90
Hexachlorobutadiene
Concen: 20.03 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:225 Resp: 11614

Ion	Ratio	Lower	Upper
225	100		
223	62.6	0.0	129.4
227	65.0	0.0	130.4



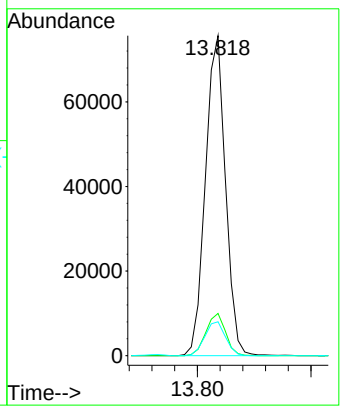
Instrument :
MSVOA_X
ClientSampleId :

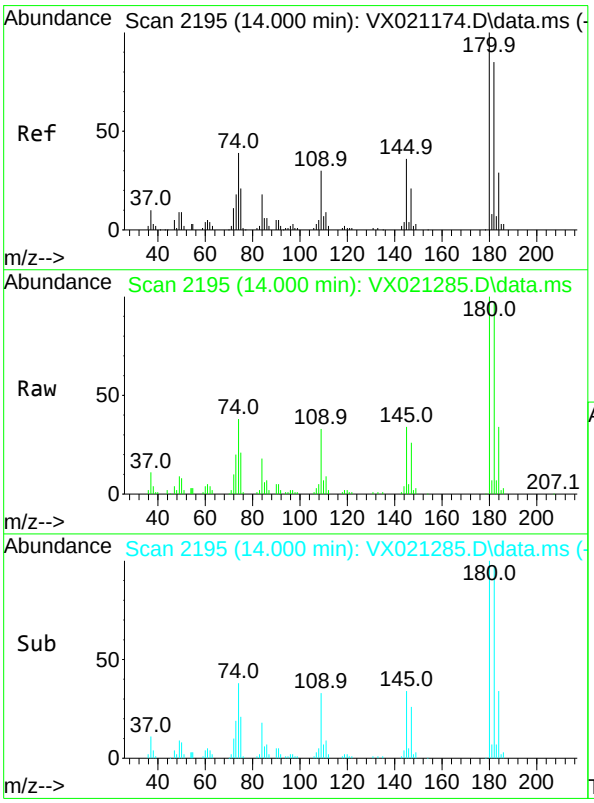


#91
Naphthalene
Concen: 21.57 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

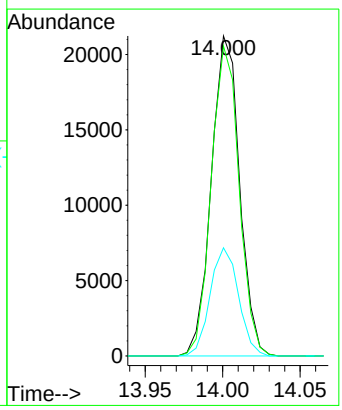
Tgt Ion:128 Resp: 92819

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.8	13.2





#92
1,2,3-Trichlorobenzene
Concen: 20.78 ug/l
RT: 14.000 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VX021285.D
Acq: 18 Mar 2021 18:07

Tgt Ion:180 Resp: 26922

Ion	Ratio	Lower	Upper
180	100		
182	95.5	0.0	192.4
145	33.9	0.0	66.4