Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
Data File : VX023284.D
Acq On : 14 Jul 2021 17:09
Operator : JC/MD
Sample : M3021-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 15 04:29:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	219141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	359043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150273	51.022	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.040%			
35) Dibromofluoromethane	5.397	113	114810	49.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.040%			
50) Toluene-d8	8.653	98	426197	49.279	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.560%			
62) 4-Bromofluorobenzene	11.085	95	152796	45.762	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.520%			
Target Compounds						Qvalue
5) Bromomethane	1.624	94	358	Below Cal	#	37
11) Tert butyl alcohol	2.971	59	60327	97.364	ug/l	98
13) Acrolein	2.239	56	1068	2.588	ug/l #	72
14) Allyl chloride	2.648	41	2691	0.793	ug/l #	52
15) Acrylonitrile	3.075	53	886	0.735	ug/l #	89
16) Acetone	2.386	43	212480	182.350	ug/l	91
18) Methyl Acetate	2.709	43	2097	0.741	ug/l	98
20) Methylene Chloride	2.794	84	22585	9.002	ug/l	97
25) 2-Butanone	4.574	43	57242	32.577	ug/l	99
29) Tetrahydrofuran	5.032	42	2966	2.626	ug/l #	73
31) Cyclohexane	5.568	56	4428	1.256	ug/l #	23
36) 1,1-Dichloropropene	5.562	75	16459	5.142	ug/l #	50
37) Ethyl Acetate	4.739	43	3225	0.924	ug/l #	94
38) Carbon Tetrachloride	5.562	117	22985	6.880	ug/l #	16
40) Benzene	6.056	78	2393	0.258	ug/l #	69
43) Isopropyl Acetate	6.348	43	33806	5.821	ug/l #	90
48) Methyl methacrylate	7.805	41	136561	47.919	ug/l #	37
49) 1,4-Dioxane	7.684	88	66	1.029	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	95902	26.648	ug/l #	32
52) Toluene	8.720	92	1603	0.267	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	21	2.741	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	36284	10.509	ug/l #	65
57) 1,3-Dichloropropane	9.488	76	17753	4.253	ug/l #	42
59) 2-Hexanone	9.433	43	11965	4.333	ug/l	96
74) N-amyl acetate	10.860	43	5759	1.419	ug/l #	14
75) 1,1,2,2-Tetrachloroethane	11.158	83	671	0.221	ug/l #	30
76) 1,2,3-Trichloropropane	11.085	75	76505	27.997	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	76505	75.492	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.756	105	2949	0.362	ug/l #	55
90) Hexachloroethane	12.536	117	79	3.047	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	12.957	75	158	2.771	ug/l #	1
95) Naphthalene	13.780	128	7569	2.003	ug/l #	90

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

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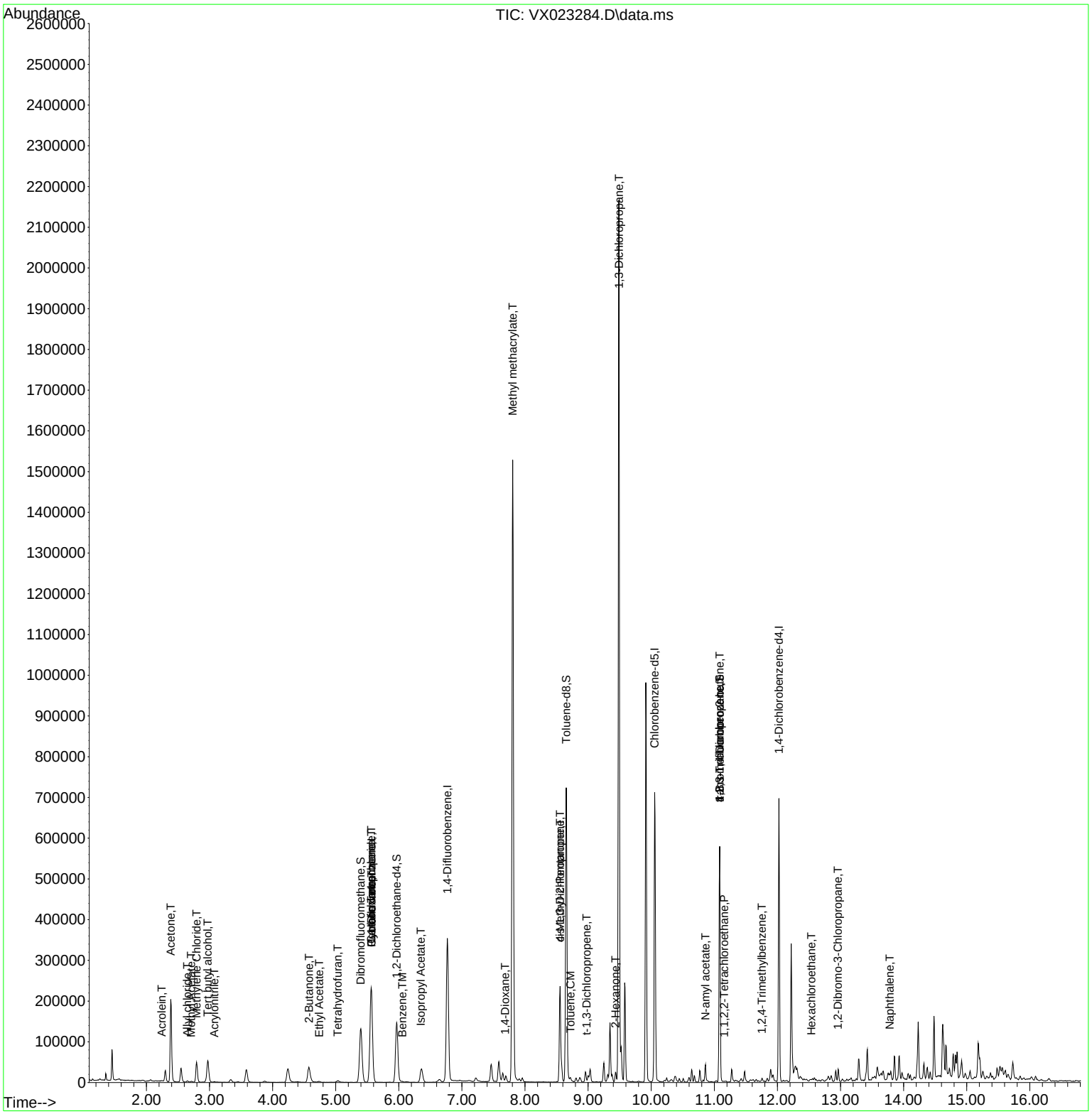
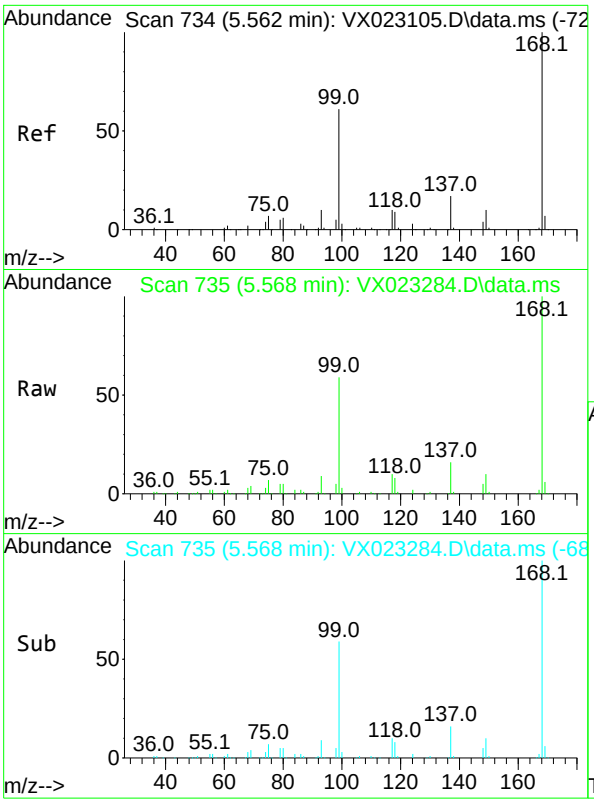
Operator : JC/MD
Sample : M3021-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 15 04:29:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

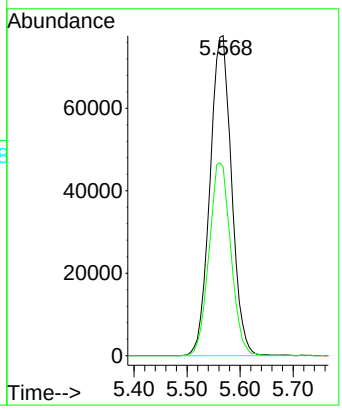




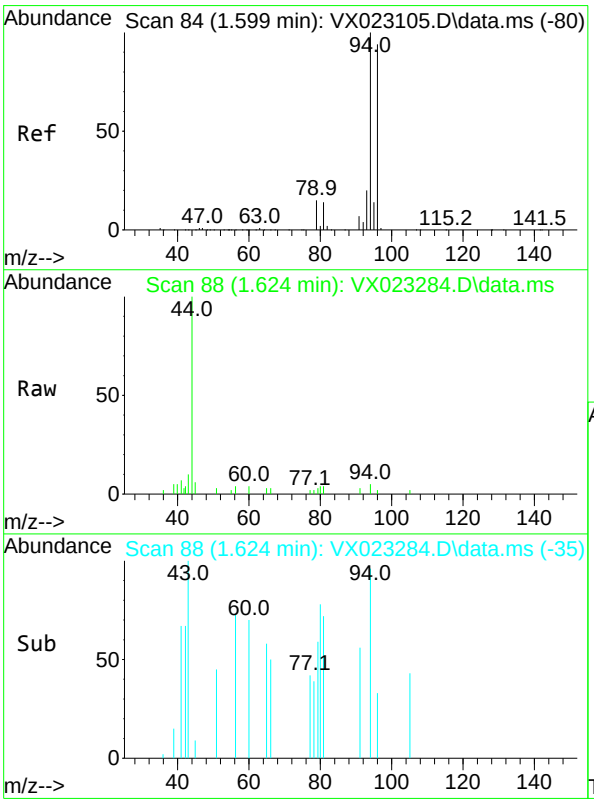
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion:168 Resp: 219141

Ion	Ratio	Lower	Upper
168	100		
99	58.9	45.8	68.6



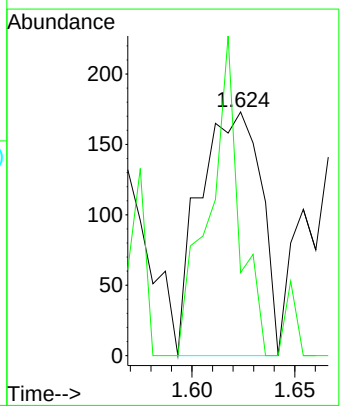
Instrument :
MSVOA_X
ClientSampleId :

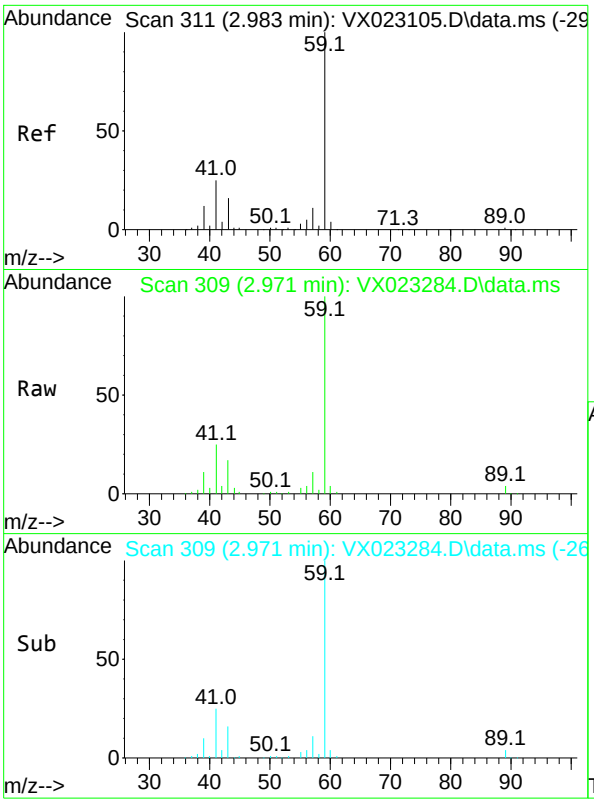


#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 94 Resp: 358

Ion	Ratio	Lower	Upper
94	100		
96	34.1	76.4	114.6#



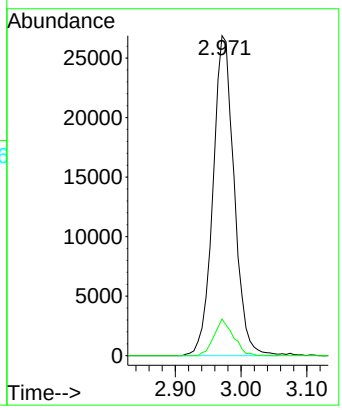


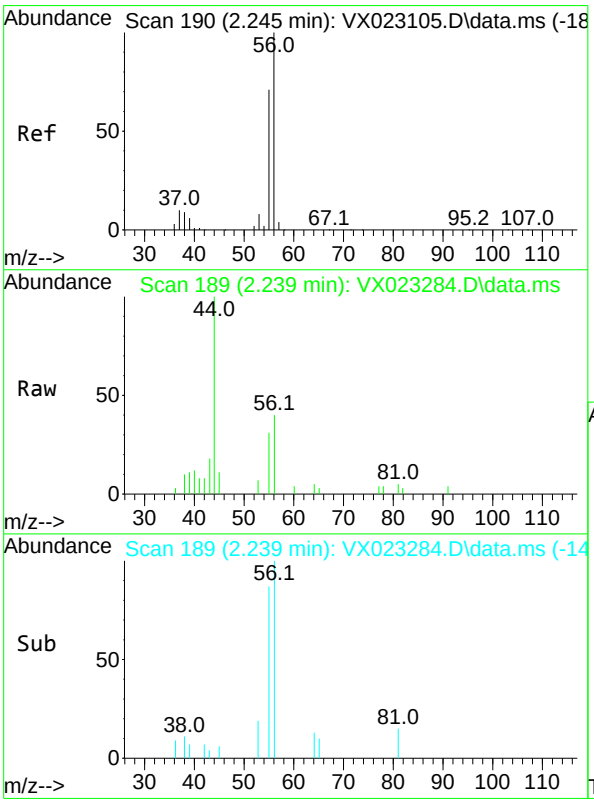
#11
Tert butyl alcohol
Concen: 97.364 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 60327

Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.8	11.8

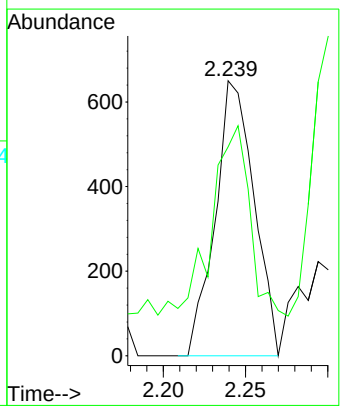




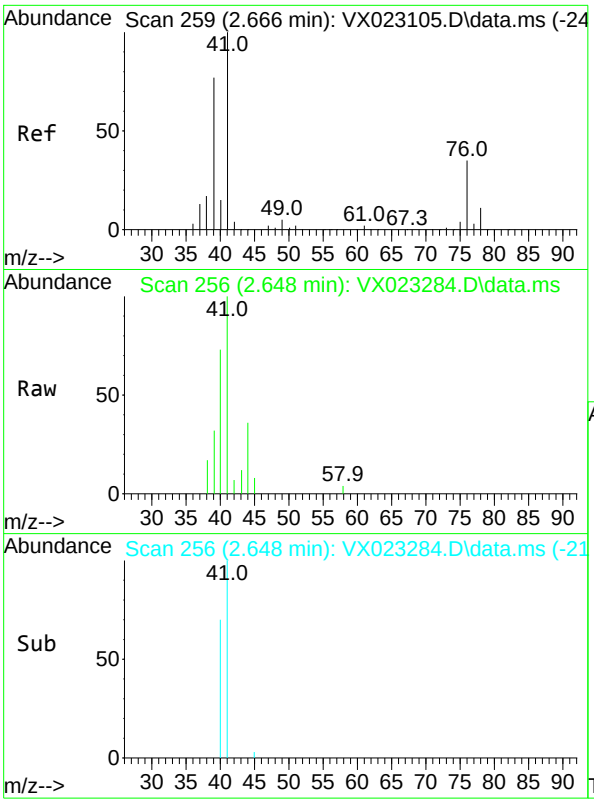
#13
Acrolein
Concen: 2.588 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 56 Resp: 1068

Ion	Ratio	Lower	Upper
56	100		
55	93.7	56.4	84.6#



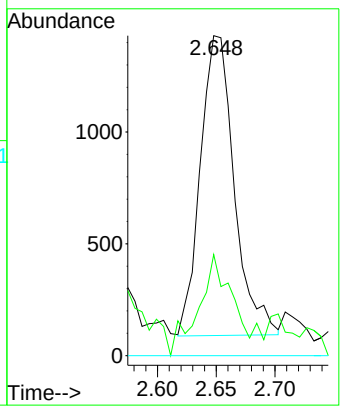
Instrument :
MSVOA_X
ClientSampleId :

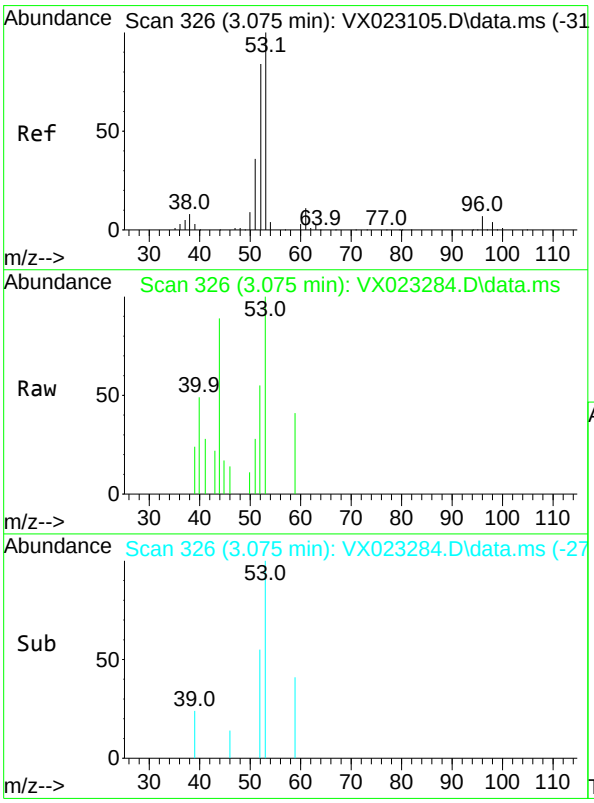


#14
Allyl chloride
Concen: 0.793 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 41 Resp: 2691

Ion	Ratio	Lower	Upper
41	100		
39	33.3	51.6	77.4#
76	0.0	30.5	45.7#

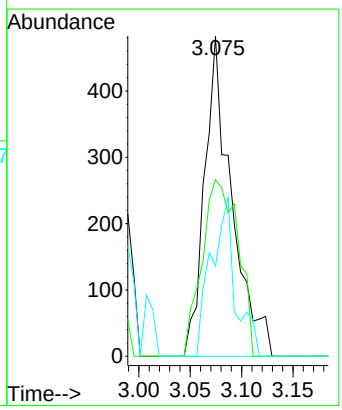


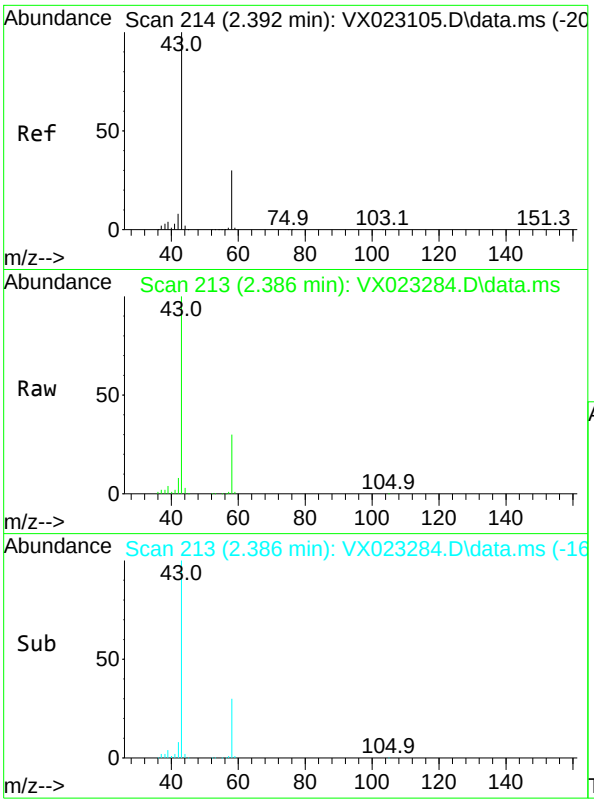


#15
Acrylonitrile
Concen: 0.735 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 53 Resp: 886

Ion	Ratio	Lower	Upper
53	100		
52	73.4	65.3	97.9
51	44.2	28.2	42.2#

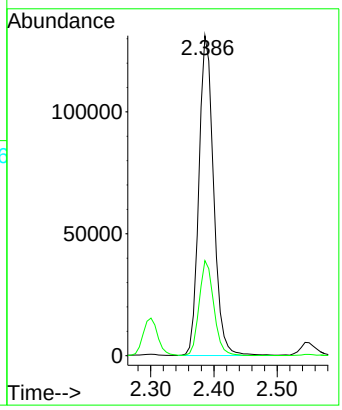




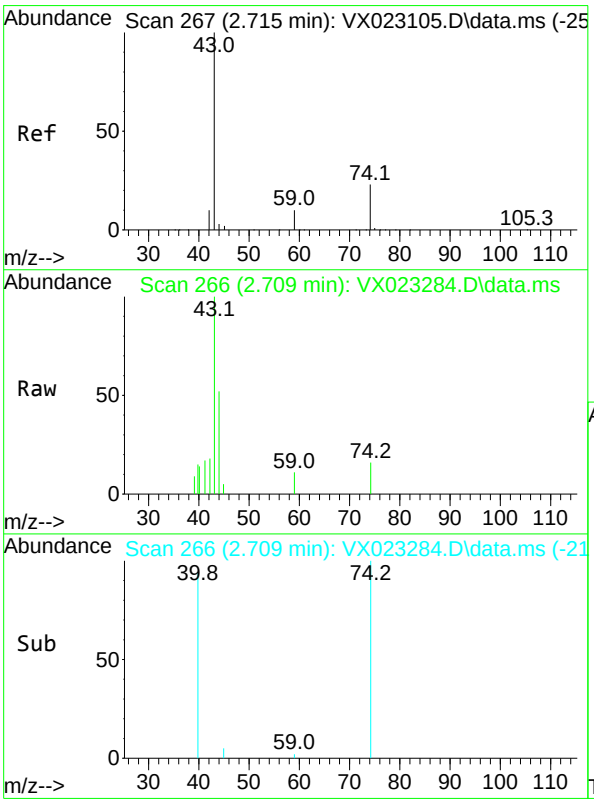
#16
Acetone
Concen: 182.350 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 43 Resp: 212480

Ion	Ratio	Lower	Upper
43	100		
58	29.7	27.8	41.8



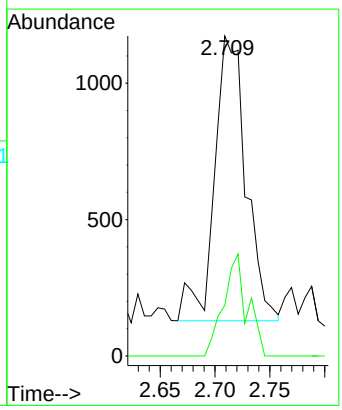
Instrument :
MSVOA_X
ClientSampleId :



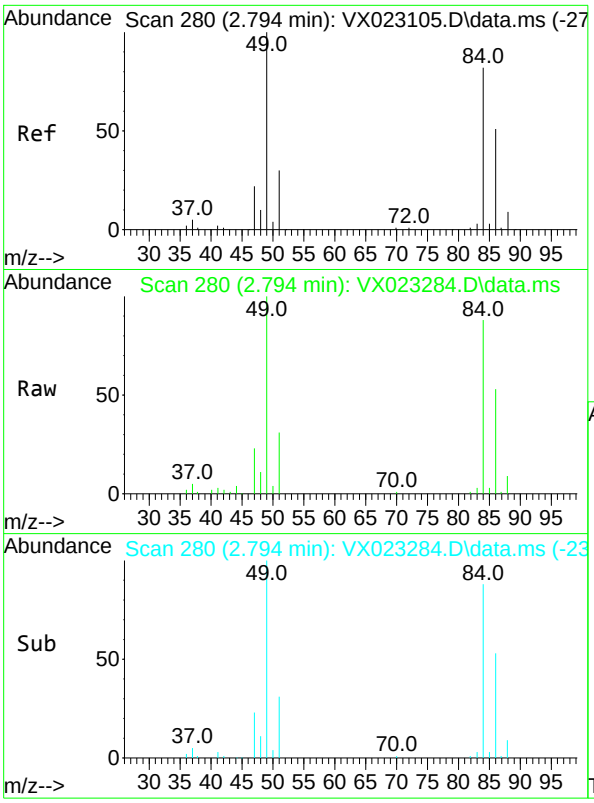
#18
Methyl Acetate
Concen: 0.741 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 43 Resp: 2097

Ion	Ratio	Lower	Upper
43	100		
74	26.6	21.9	32.9



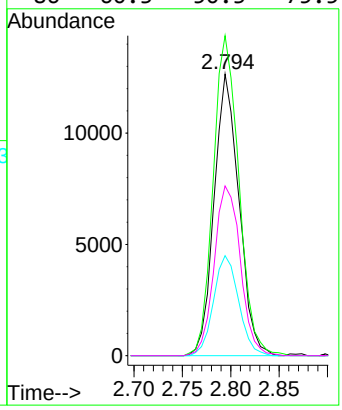
Instrument :
MSVOA_X
ClientSampleId :

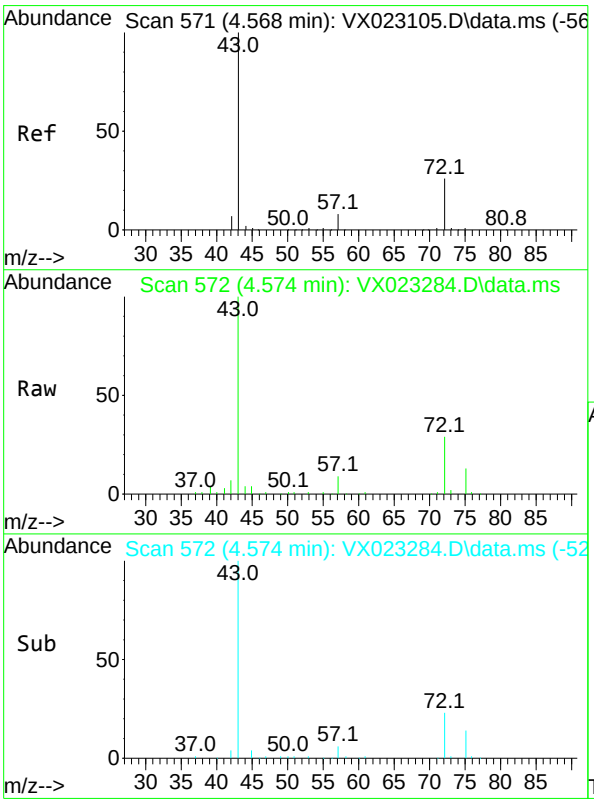


#20
Methylene Chloride
Concen: 9.002 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 84 Resp: 22585

Ion	Ratio	Lower	Upper
84	100		
49	113.7	88.6	132.8
51	35.5	27.0	40.6
86	60.3	50.3	75.5

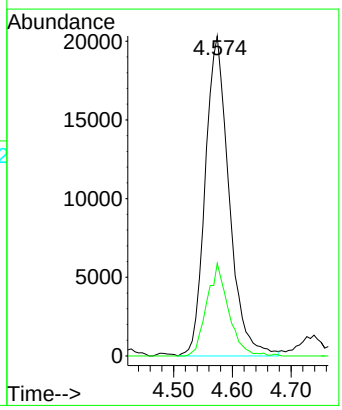




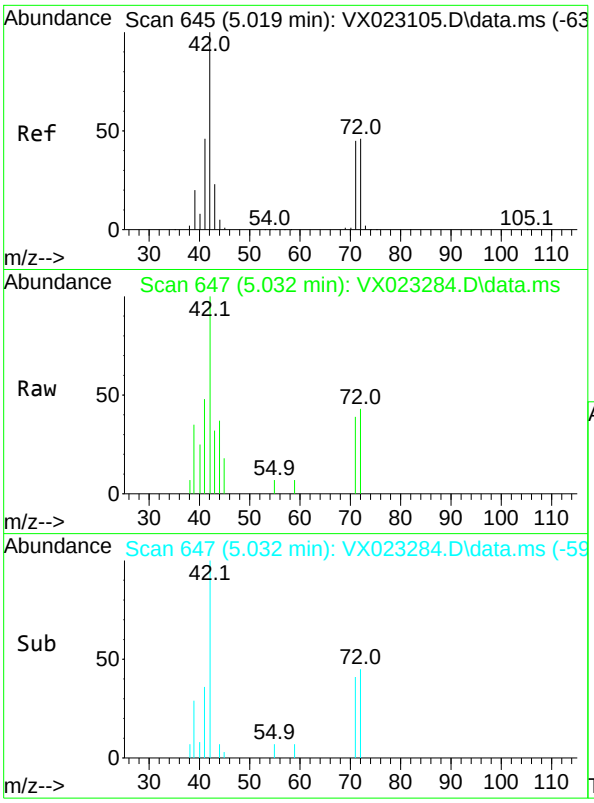
#25
2-Butanone
Concen: 32.577 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 43 Resp: 57242

Ion	Ratio	Lower	Upper
43	100		
72	29.0	23.7	35.5



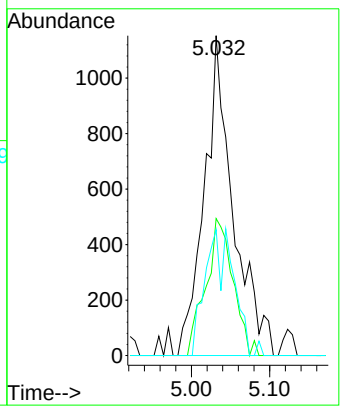
Instrument :
MSVOA_X
ClientSampleId :

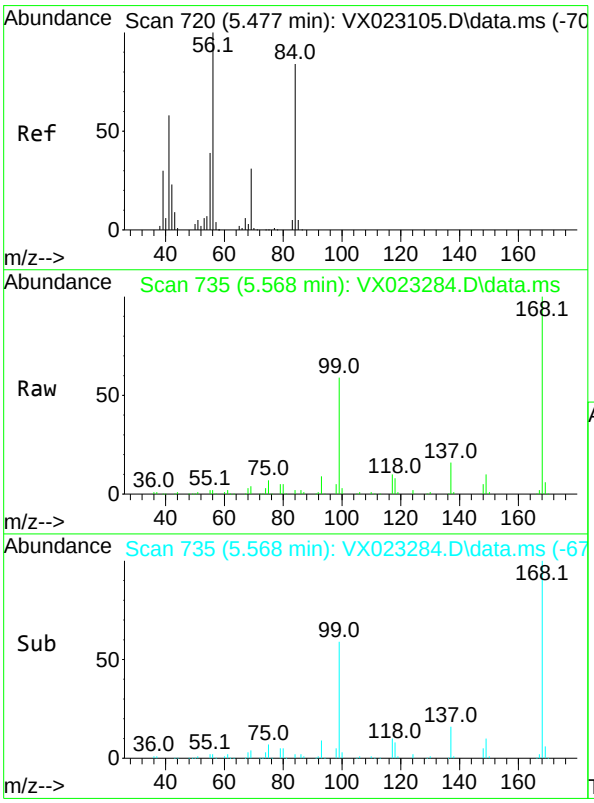


#29
Tetrahydrofuran
Concen: 2.626 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 42 Resp: 2966

Ion	Ratio	Lower	Upper
42	100		
72	40.2	41.7	62.5#
71	21.8	38.4	57.6#

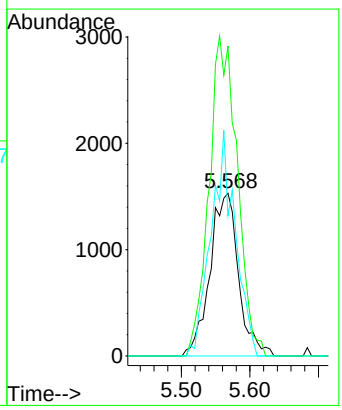


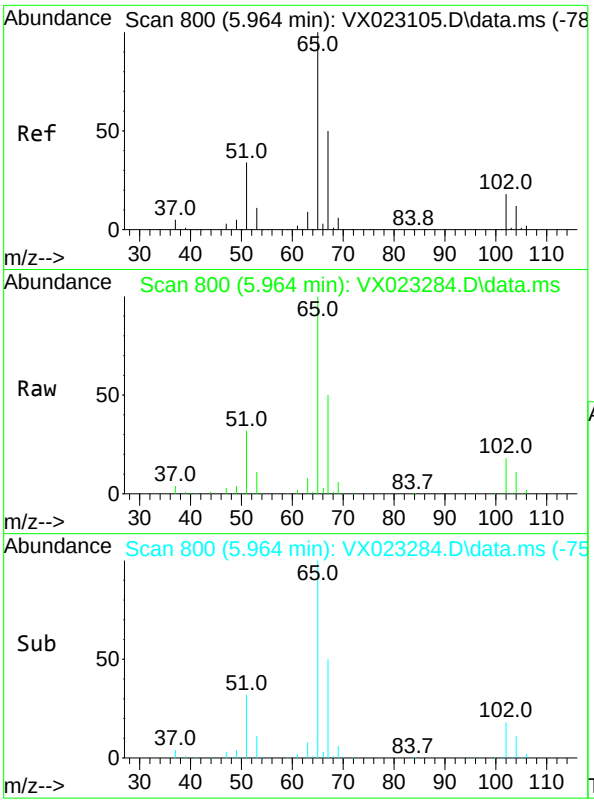


#31
Cyclohexane
Concen: 1.256 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 56 Resp: 4428

Ion	Ratio	Lower	Upper
56	100		
69	190.3	25.3	37.9#
84	86.2	71.4	107.0

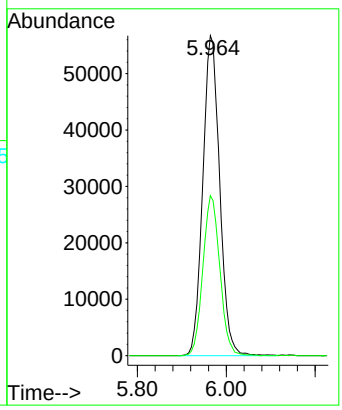




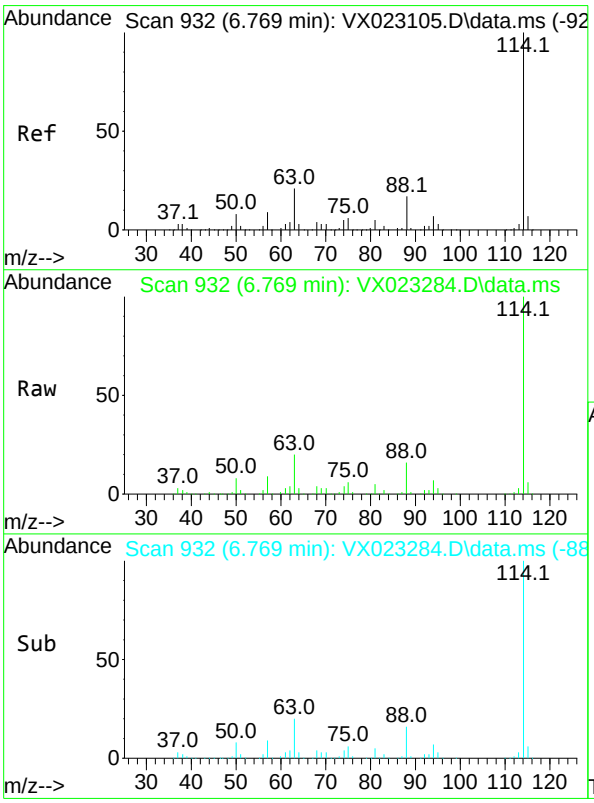
#33
1,2-Dichloroethane-d4
Concen: 51.022 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 65 Resp: 150273

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	105.4



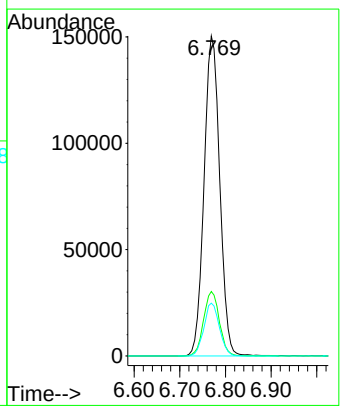
Instrument :
MSVOA_X
ClientSampleId :

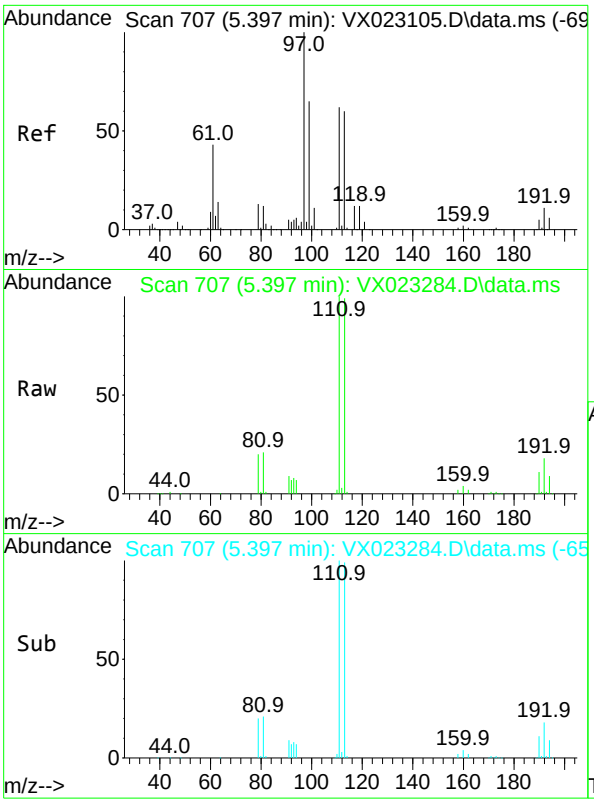


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion:114 Resp: 359043

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	16.5	0.0	32.8

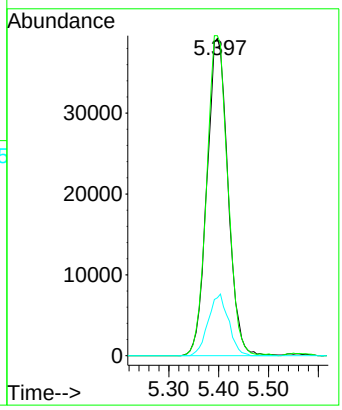




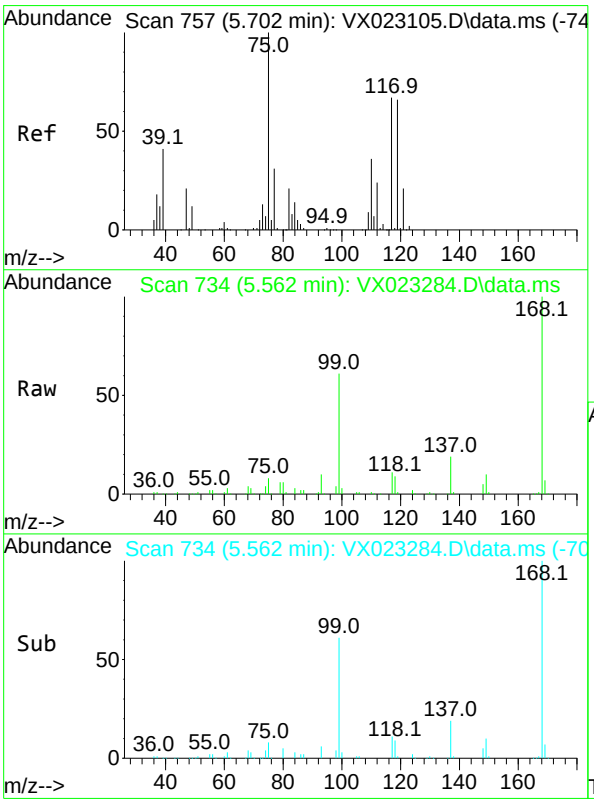
#35
Dibromofluoromethane
Concen: 49.518 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion:113 Resp: 114810

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.9	122.9
192	18.8	16.7	25.1



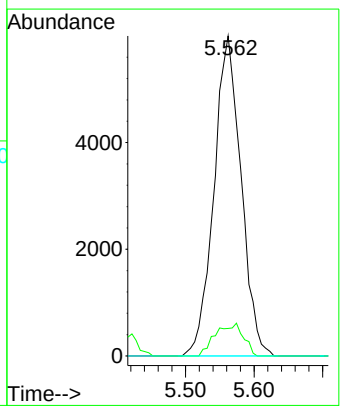
Instrument :
MSVOA_X
ClientSampleId :

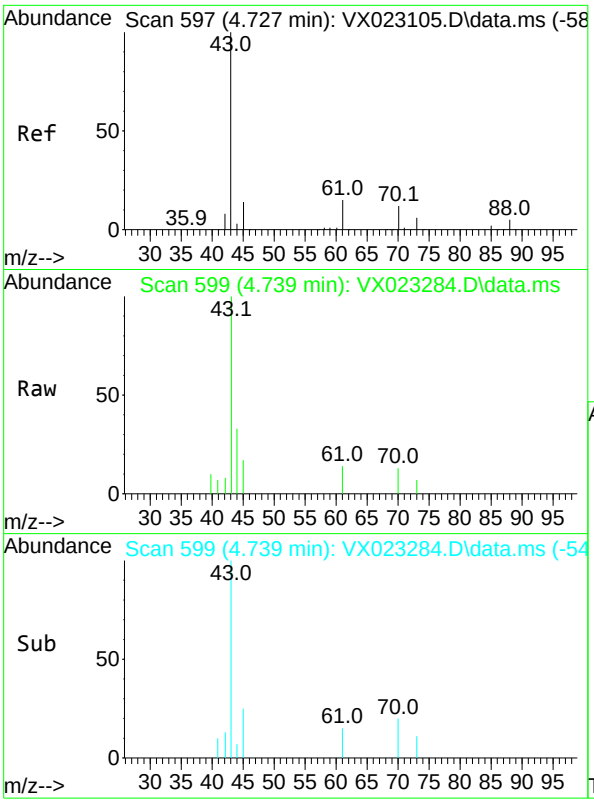


#36
1,1-Dichloropropene
Concen: 5.142 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 75 Resp: 16459

Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.4#
77	0.0	25.3	37.9#

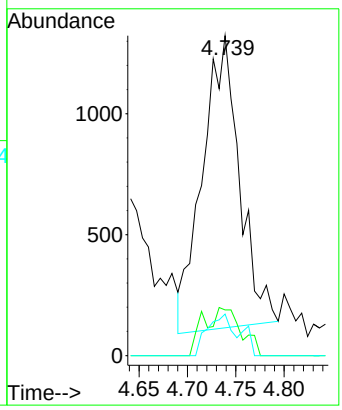




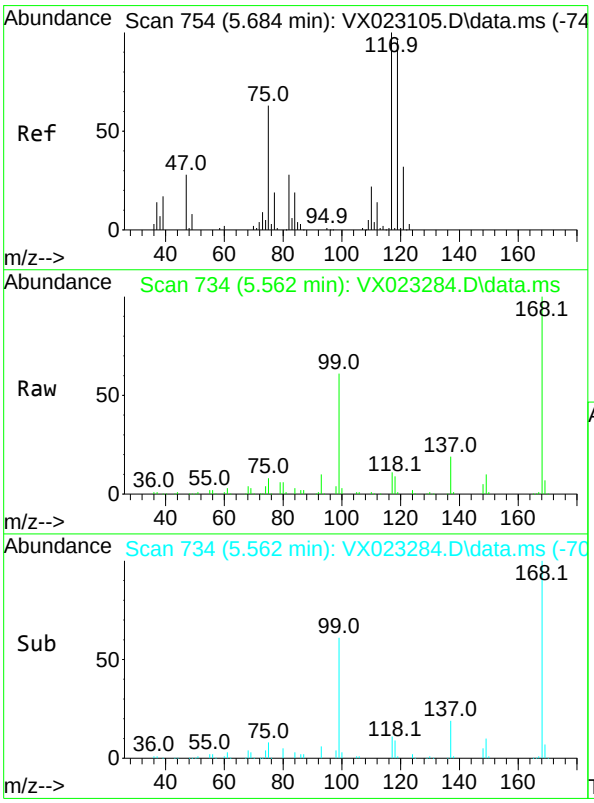
#37
Ethyl Acetate
Concen: 0.924 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.012 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 43 Resp: 3225

Ion	Ratio	Lower	Upper
43	100		
61	12.1	12.8	19.2#
70	12.1	10.5	15.7



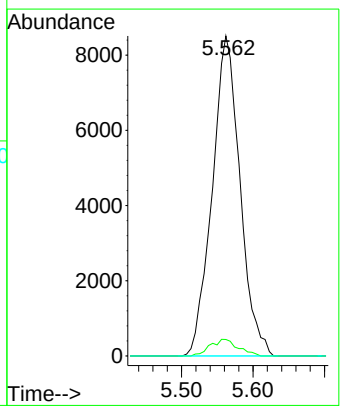
Instrument :
MSVOA_X
ClientSampleId :



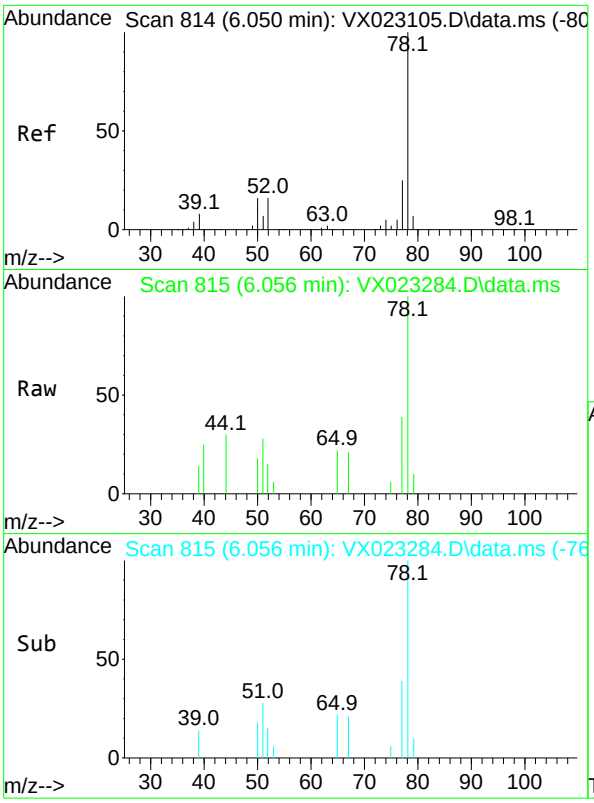
#38
Carbon Tetrachloride
Concen: 6.880 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion:117 Resp: 22985

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.2	114.2#
121	0.0	24.8	37.2#



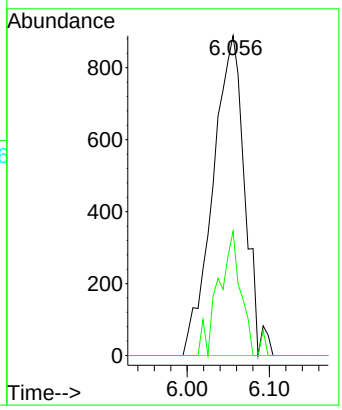
Instrument :
MSVOA_X
ClientSampleId :

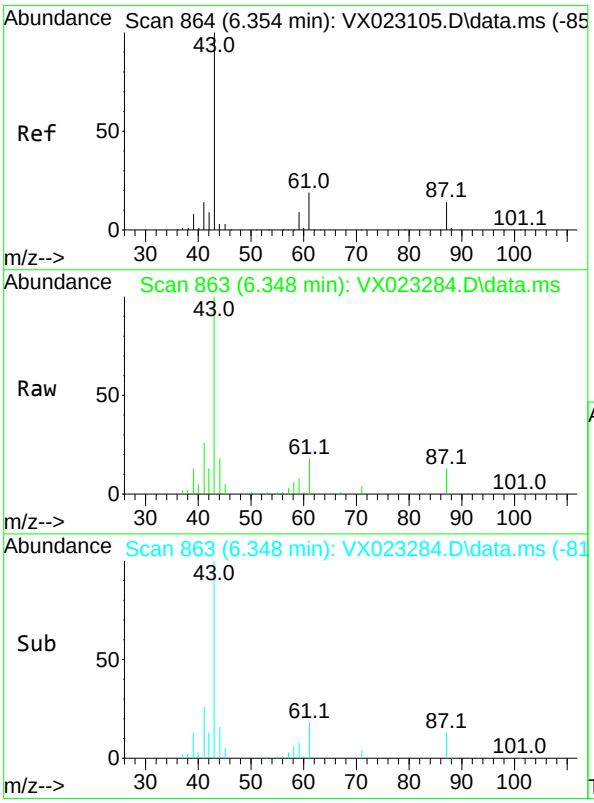


#40
Benzene
Concen: 0.258 ug/l
RT: 6.056 min Scan# 815
Delta R.T. 0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 78 Resp: 2393

Ion	Ratio	Lower	Upper
78	100		
77	38.8	18.9	28.3#

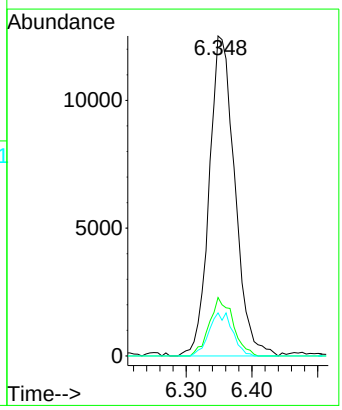


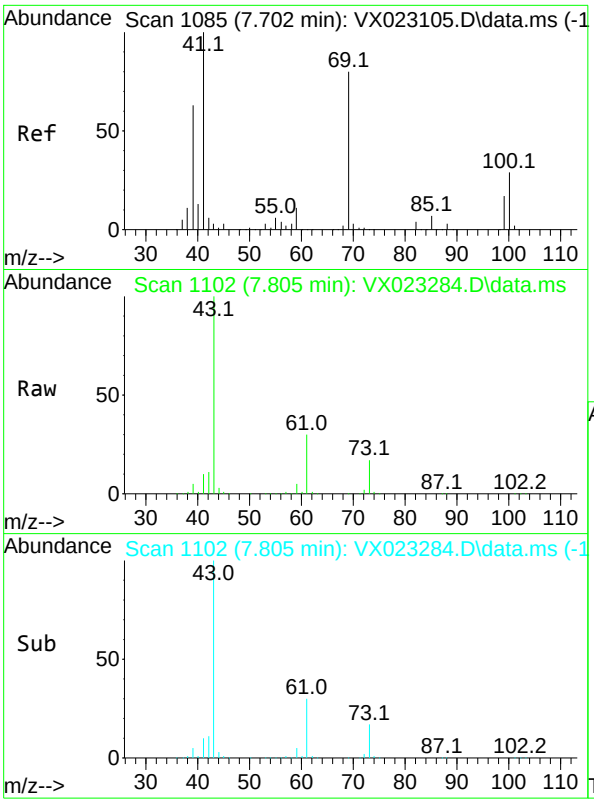


#43
Isopropyl Acetate
Concen: 5.821 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 43 Resp: 33806

Ion	Ratio	Lower	Upper
43	100		
61	17.0	18.2	27.4#
87	12.4	12.5	18.7#

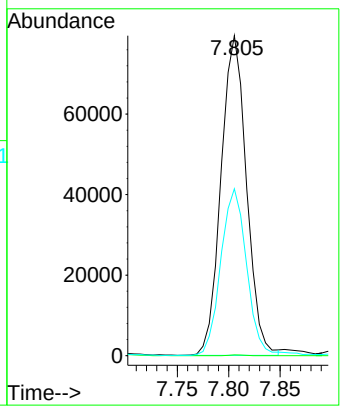




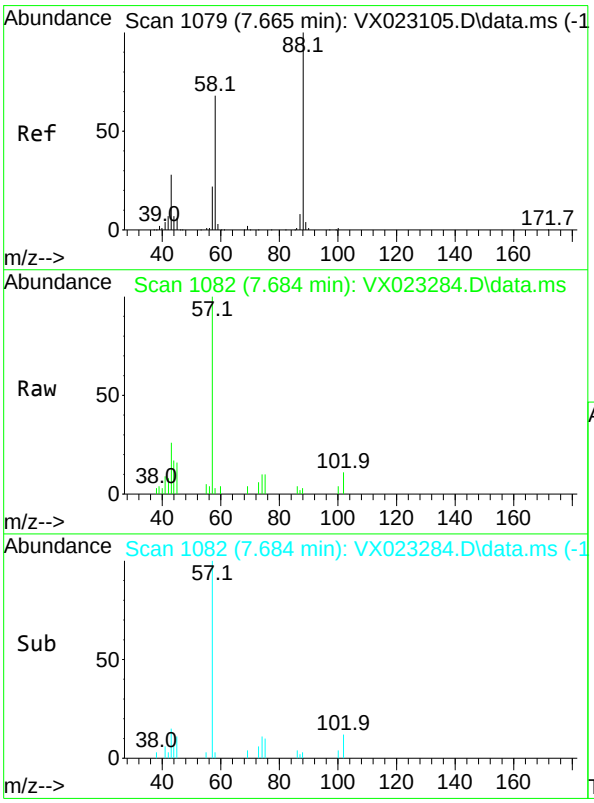
#48
Methyl methacrylate
Concen: 47.919 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.103 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 41 Resp: 136561

Ion	Ratio	Lower	Upper
41	100		
69	0.1	76.0	114.0#
39	53.4	44.6	67.0



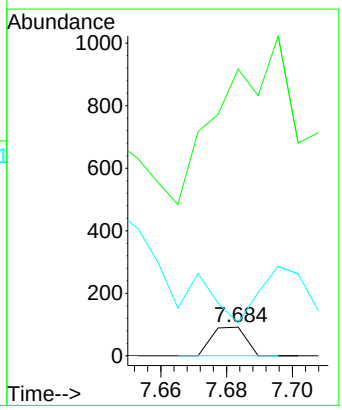
Instrument :
MSVOA_X
ClientSampleId :

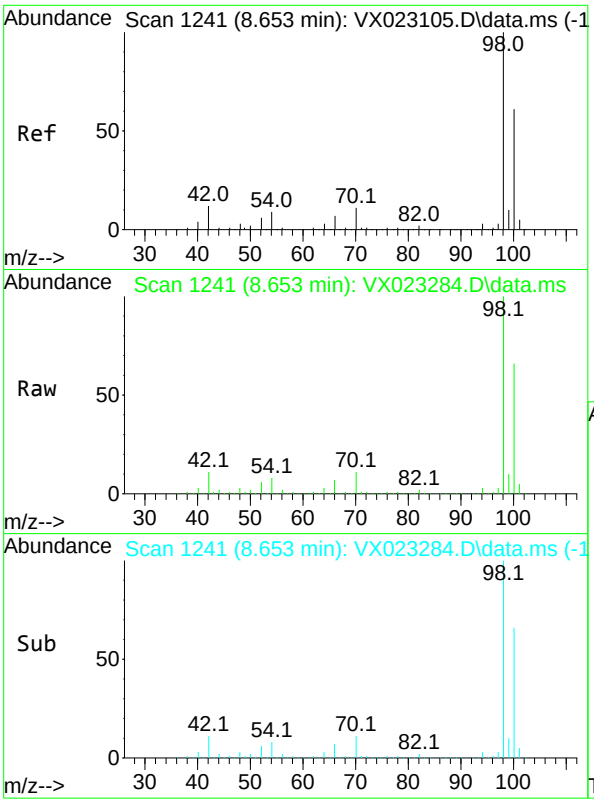


#49
1,4-Dioxane
Concen: 1.029 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.019 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	601.5	55.0	82.4#

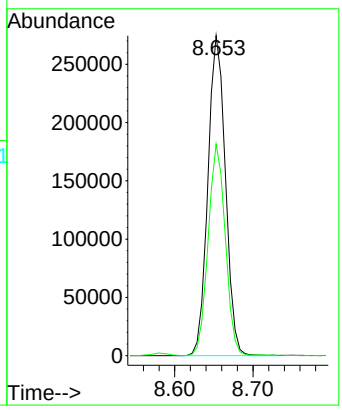




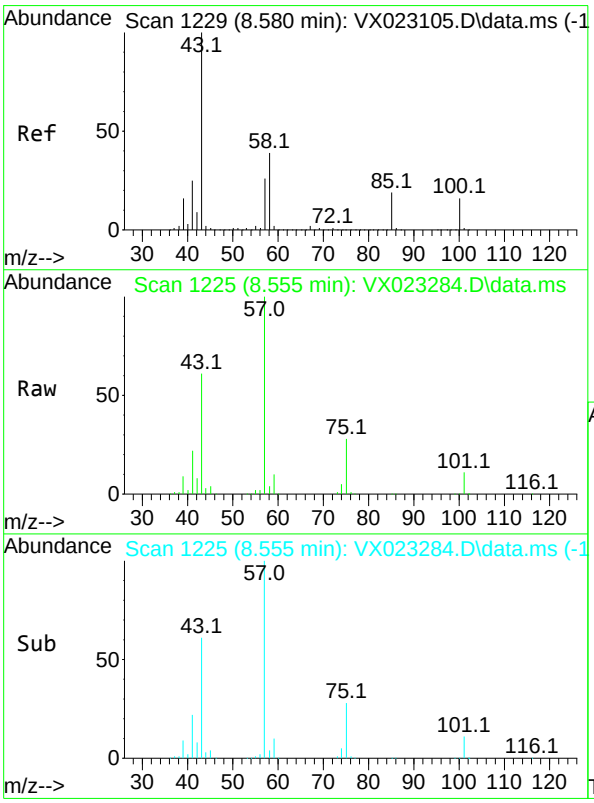
#50
Toluene-d8
Concen: 49.279 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 98 Resp: 426197

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9



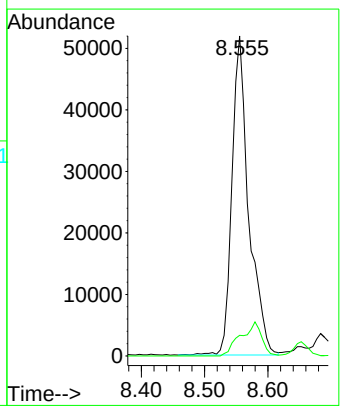
Instrument :
MSVOA_X
ClientSampleId :



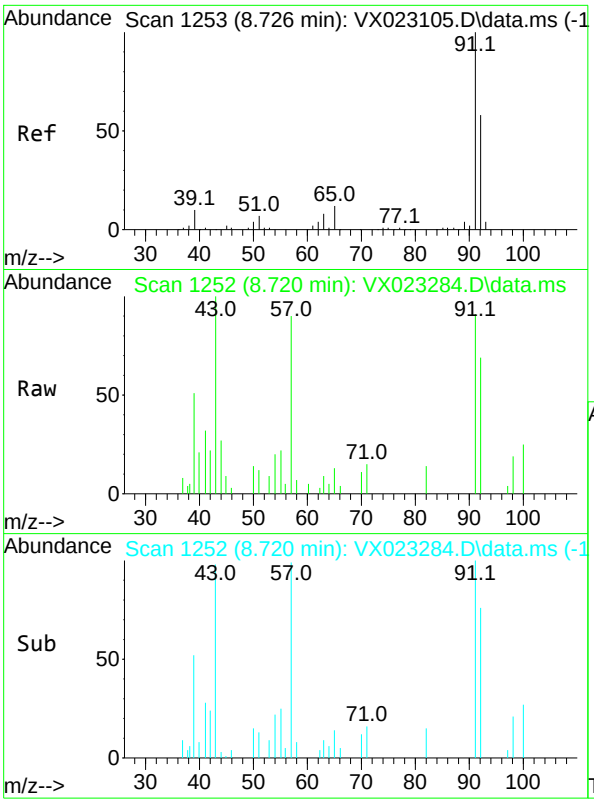
#51
4-Methyl-2-Pentanone
Concen: 26.648 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 43 Resp: 95902

Ion	Ratio	Lower	Upper
43	100		
58	0.0	35.4	53.0#



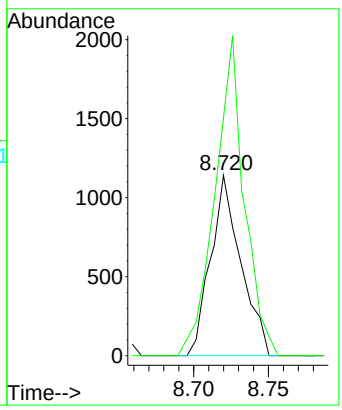
Instrument :
MSVOA_X
ClientSampleId :

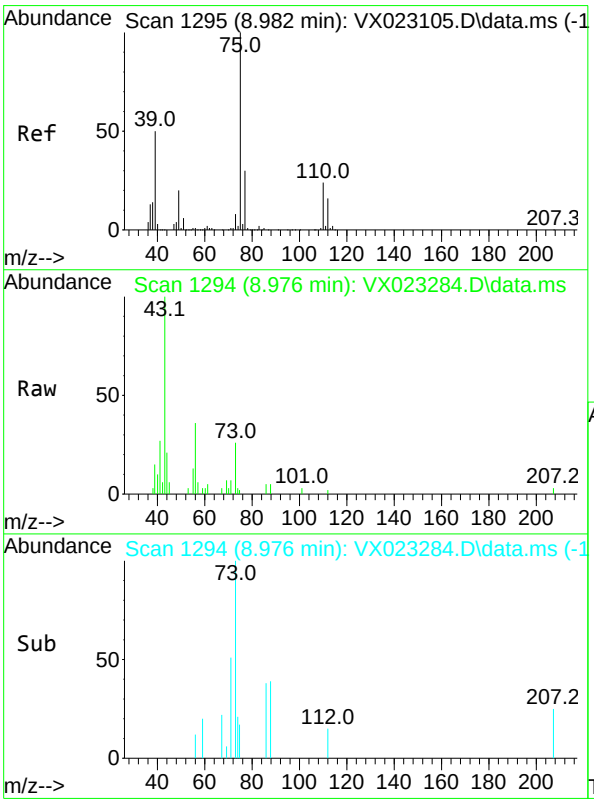


#52
Toluene
Concen: 0.267 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 92 Resp: 1603

Ion	Ratio	Lower	Upper
92	100		
91	171.9	137.1	205.7

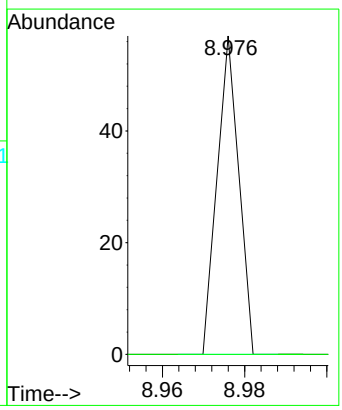




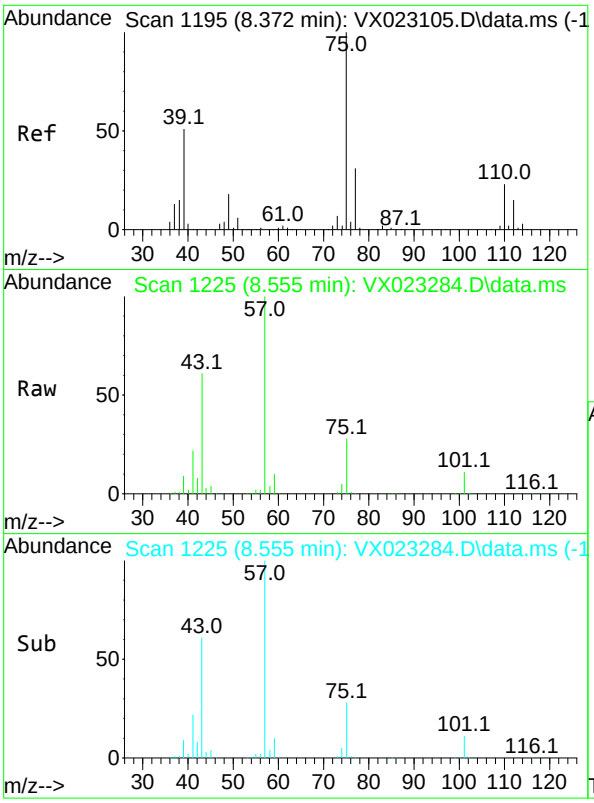
#53
t-1,3-Dichloropropene
Concen: 2.741 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 75 Resp: 21

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.9	37.3#



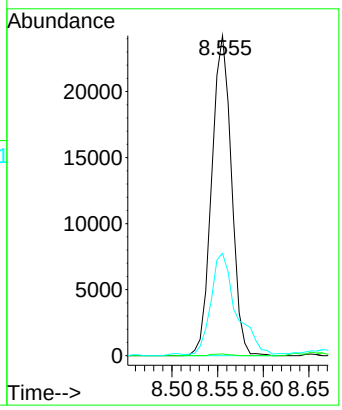
Instrument :
MSVOA_X
ClientSampleId :

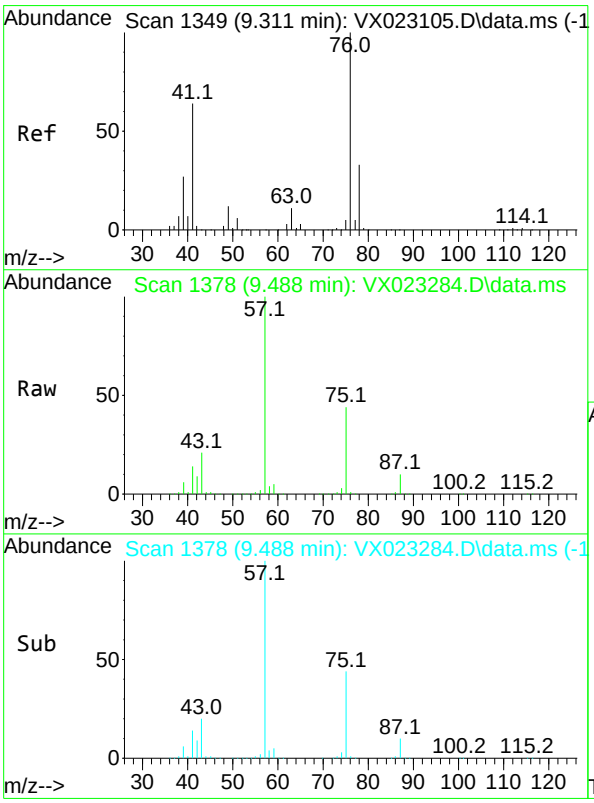


#54
cis-1,3-Dichloropropene
Concen: 10.509 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 75 Resp: 36284

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.7	38.5#
39	31.4	35.1	52.7#

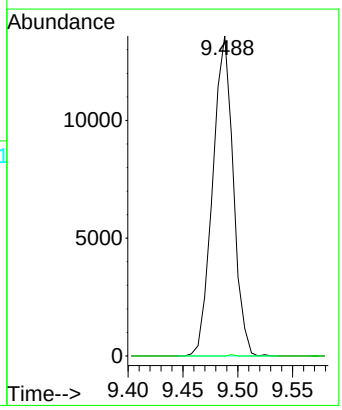




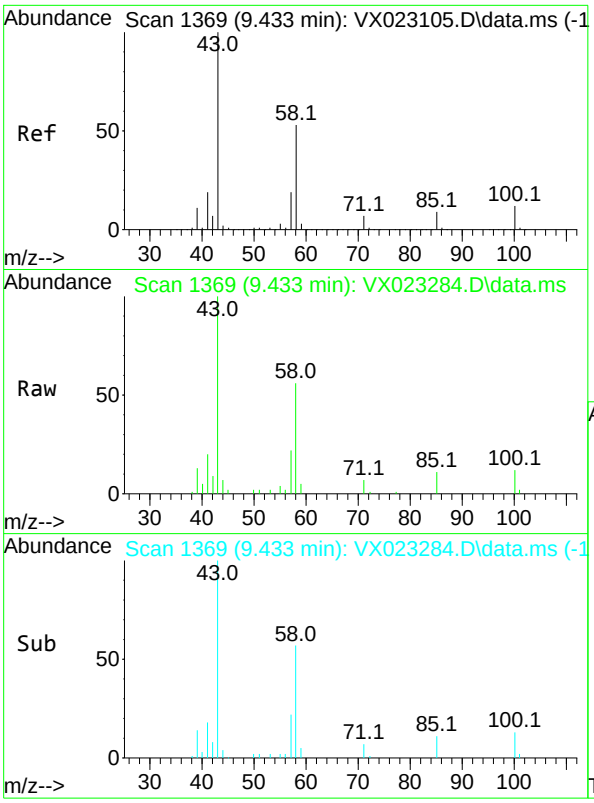
#57
1,3-Dichloropropane
Concen: 4.253 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 76 Resp: 17753

Ion	Ratio	Lower	Upper
76	100		
78	0.1	26.2	39.2#



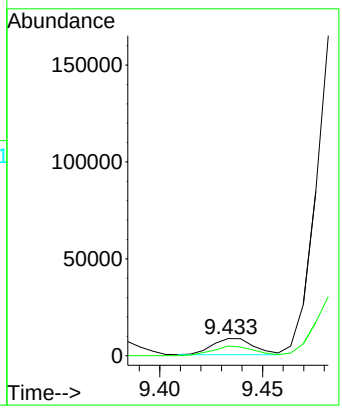
Instrument :
MSVOA_X
ClientSampleId :

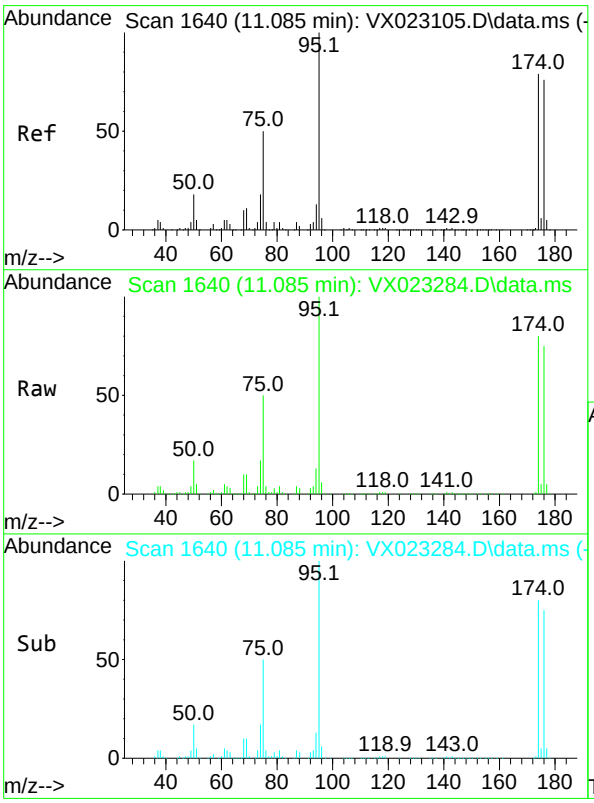


#59
2-Hexanone
Concen: 4.333 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 43 Resp: 11965

Ion	Ratio	Lower	Upper
43	100		
58	58.4	30.9	92.8

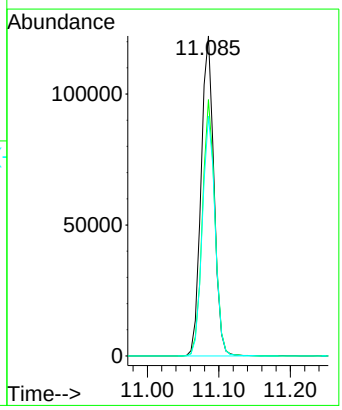


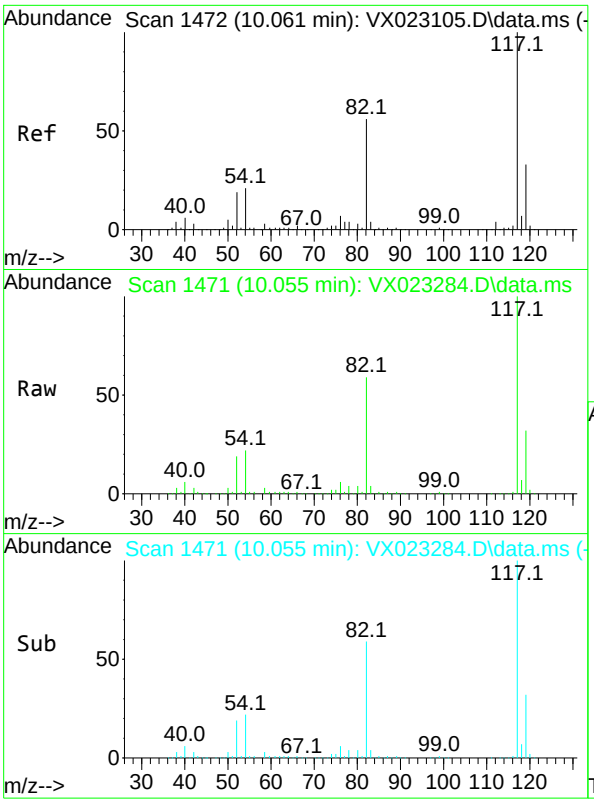


#62
4-Bromofluorobenzene
Concen: 45.762 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 95 Resp: 152796

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	154.6
176	74.3	0.0	155.8

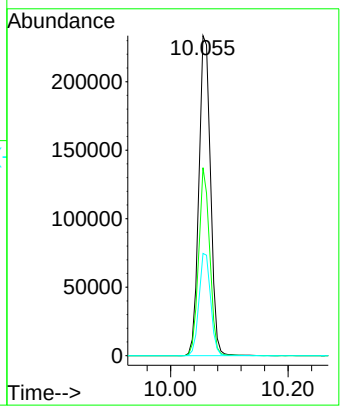




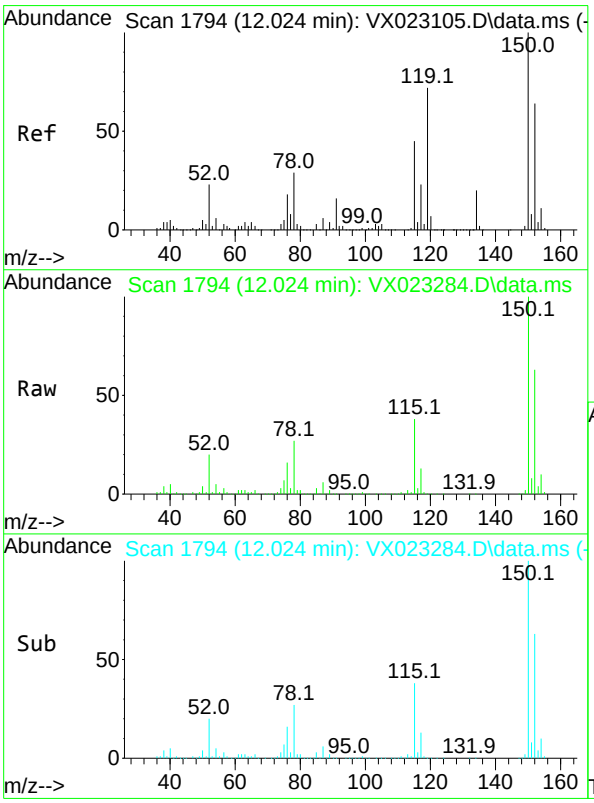
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion:117 Resp: 321778

Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.4	71.2
119	31.9	26.6	39.8



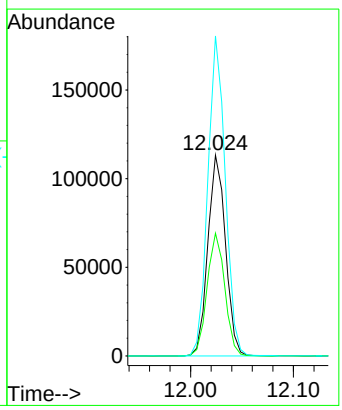
Instrument :
MSVOA_X
ClientSampleId :



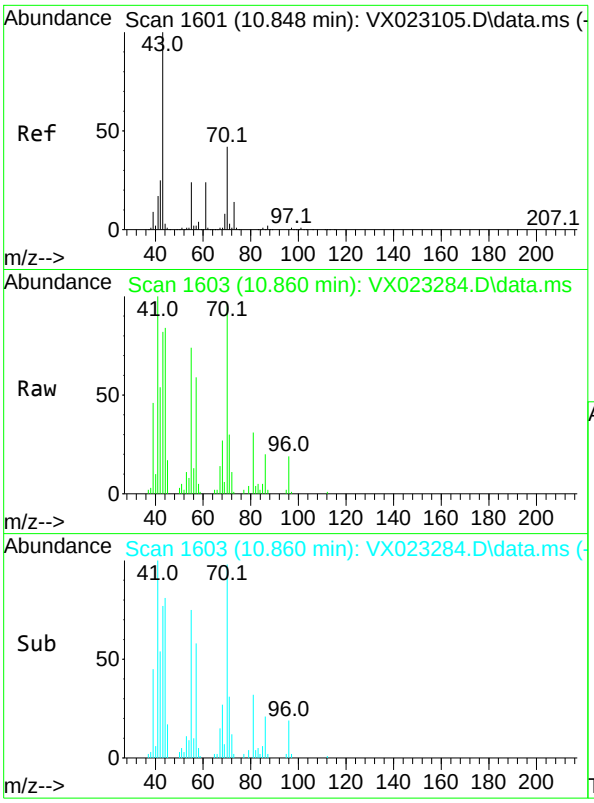
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion:152 Resp: 135791

Ion	Ratio	Lower	Upper
152	100		
115	61.1	41.1	123.3
150	156.8	0.0	349.0



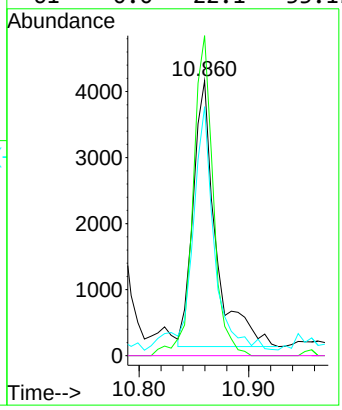
Instrument :
MSVOA_X
ClientSampleId :

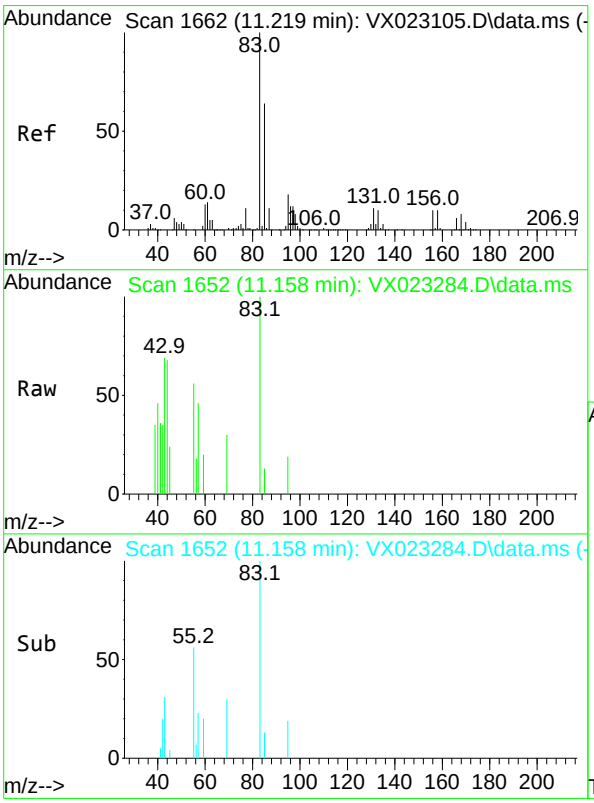


#74
N-amyl acetate
Concen: 1.419 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 43 Resp: 5759

Ion	Ratio	Lower	Upper
43	100		
70	107.7	39.0	58.6#
55	88.5	21.5	32.3#
61	0.0	22.1	33.1#

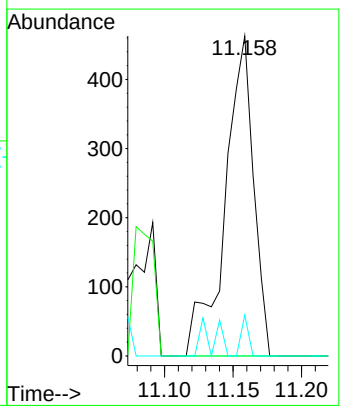


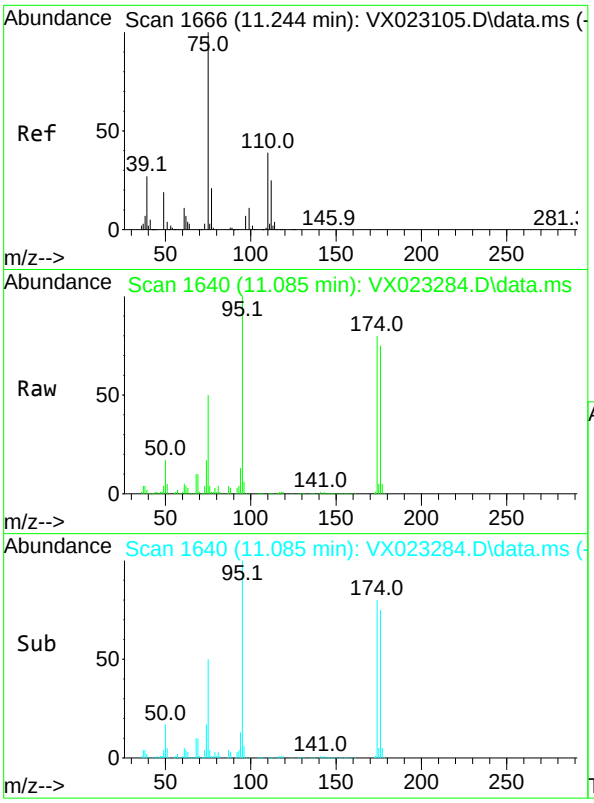


#75
1,1,2,2-Tetrachloroethane
Concen: 0.221 ug/l
RT: 11.158 min Scan# 1652
Delta R.T. -0.061 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 83 Resp: 671

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.2#
85	3.3	31.8	95.4#

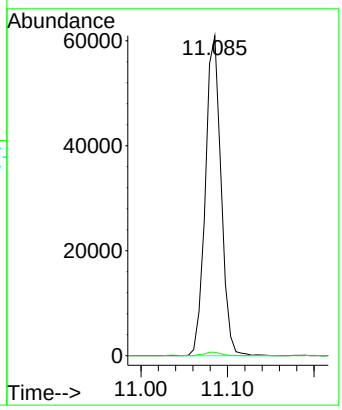




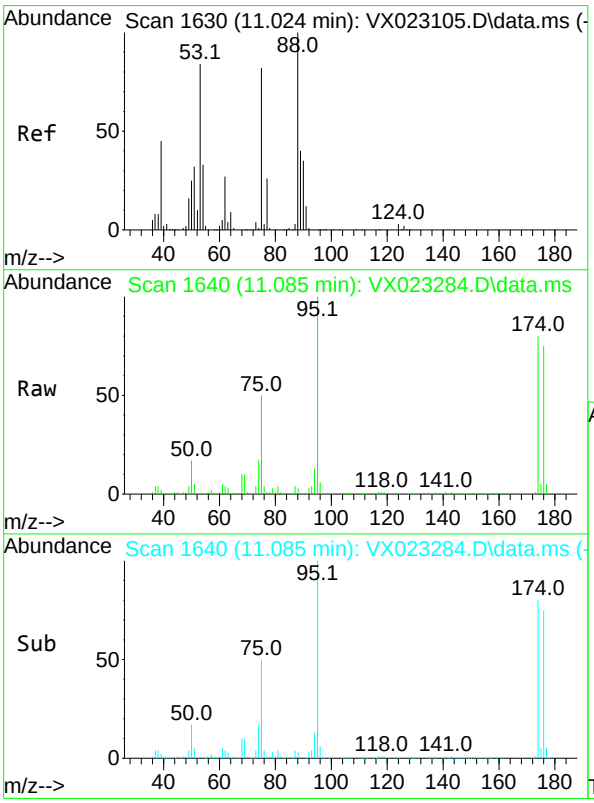
#76
1,2,3-Trichloropropane
Concen: 27.997 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 75 Resp: 76505

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#



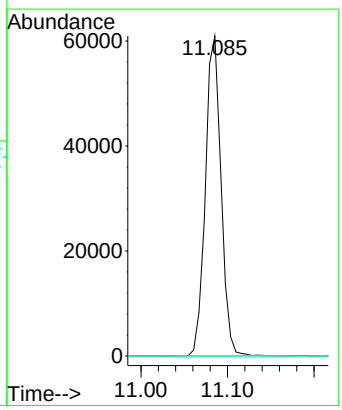
Instrument :
MSVOA_X
ClientSampleId :



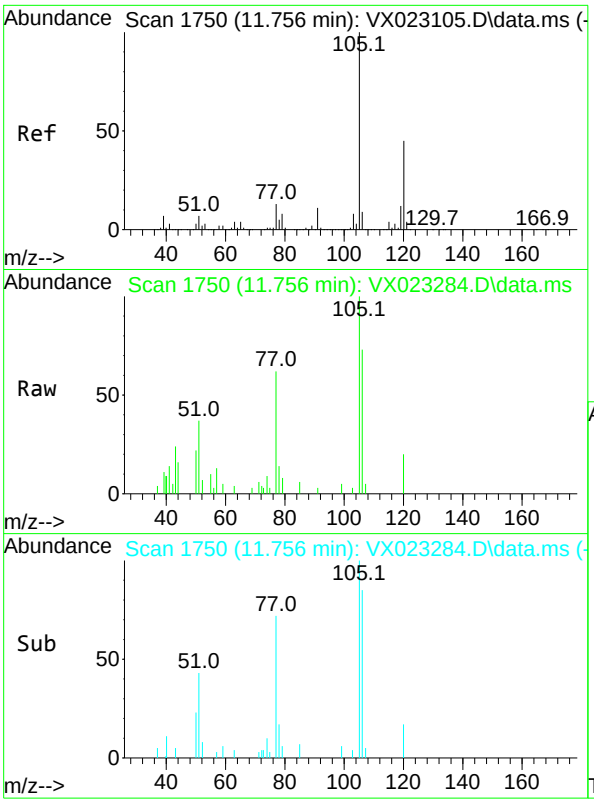
#81
trans-1,4-Dichloro-2-butene
Concen: 75.492 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 75 Resp: 76505

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#



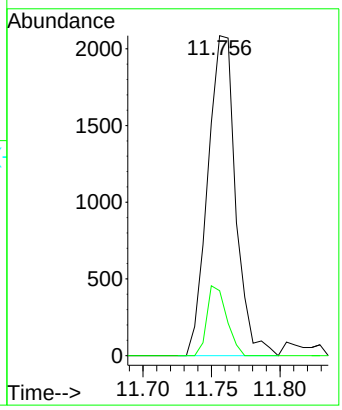
Instrument :
MSVOA_X
ClientSampleId :

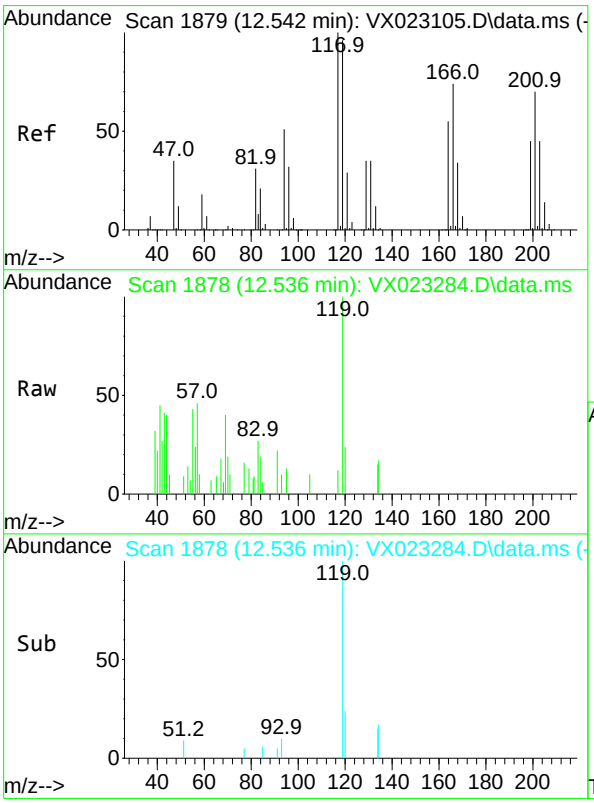


#84
1,2,4-Trimethylbenzene
Concen: 0.362 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion:105 Resp: 2949

Ion	Ratio	Lower	Upper
105	100		
120	15.4	22.4	67.3#

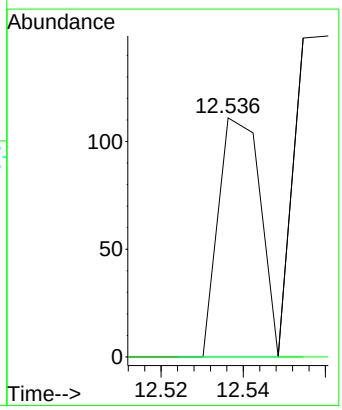




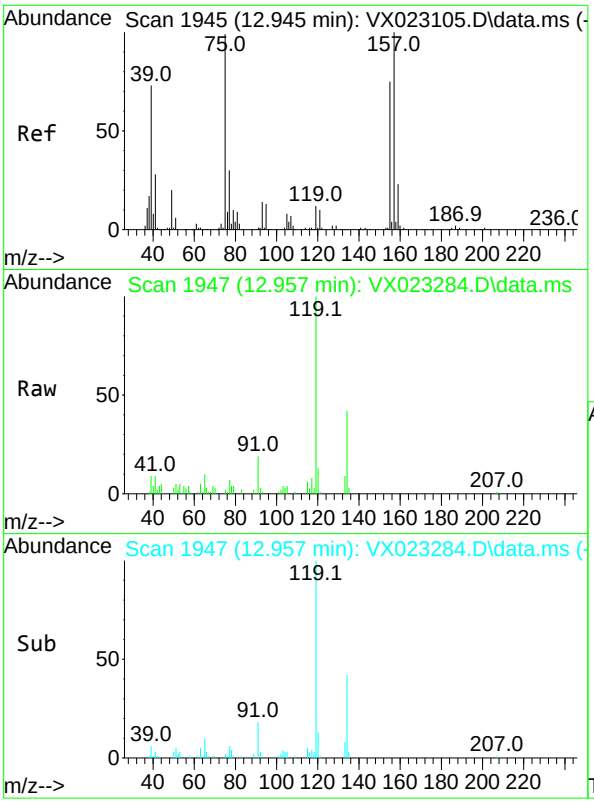
#90
Hexachloroethane
Concen: 3.047 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion:117 Resp: 79

Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.4	121.2#



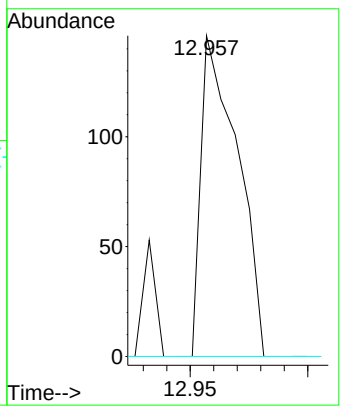
Instrument :
MSVOA_X
ClientSampleId :

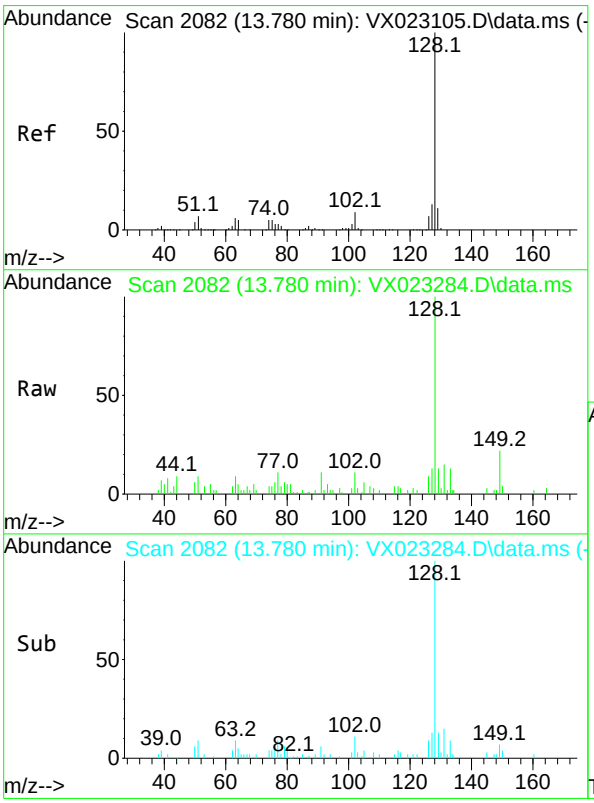


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.771 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.012 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

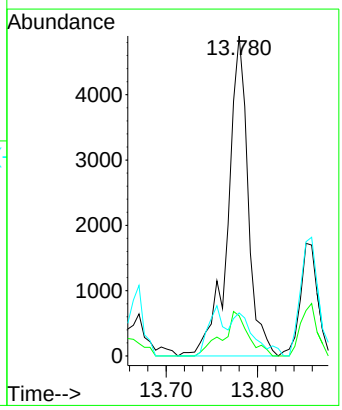
Tgt Ion: 75 Resp: 158

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.3	135.9#
157	0.0	57.7	173.1#





#95
Naphthalene
Concen: 2.003 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion:128 Resp: 7569

Ion	Ratio	Lower	Upper
128	100		
127	17.5	10.3	15.5#
129	14.5	8.8	13.2#