Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
Data File : VX031112.D
Acq On : 04 Sep 2022 03:34
Operator : JC/MD
Sample : N4438-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Quant Time: Sep 06 01:29:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	220870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	347922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137991	48.556	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.120%			
35) Dibromofluoromethane	5.391	113	130543	51.415	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.820%			
50) Toluene-d8	8.653	98	467364	50.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.020%			
62) 4-Bromofluorobenzene	11.079	95	166305	50.389	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.780%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	589	0.968	ug/l #	42
5) Bromomethane	1.612	94	300	0.283	ug/l	90
6) Chloroethane	1.691	64	159	1.828	ug/l #	41
10) Methyl Iodide	2.459	142	718	3.172	ug/l #	95
11) Tert butyl alcohol	2.989	59	604	Below Cal	#	86
16) Acetone	2.386	43	23860	21.748	ug/l	95
17) Carbon Disulfide	2.514	76	1693	0.254	ug/l	99
18) Methyl Acetate	2.715	43	1688	0.535	ug/l	90
20) Methylene Chloride	2.794	84	15329	3.714	ug/l #	83
25) 2-Butanone	4.574	43	7170	4.233	ug/l	99
29) Tetrahydrofuran	5.026	42	1150	1.053	ug/l #	49
31) Cyclohexane	5.562	56	3268	0.842	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14206	3.994	ug/l #	51
37) Ethyl Acetate	4.721	43	18700	6.052	ug/l	96
38) Carbon Tetrachloride	5.562	117	21633	5.860	ug/l #	18
41) Methacrylonitrile	5.032	41	374	0.227	ug/l #	42
43) Isopropyl Acetate	6.342	43	88909	18.410	ug/l #	90
48) Methyl methacrylate	7.799	41	57442	23.560	ug/l #	42
49) 1,4-Dioxane	7.793	88	48	0.647	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	63008	20.295	ug/l #	53
54) cis-1,3-Dichloropropene	8.549	75	36022	8.890	ug/l #	57
57) 1,3-Dichloropropane	9.488	76	2708	0.608	ug/l #	42
59) 2-Hexanone	9.378	43	72635	30.938	ug/l #	24
76) 1,2,3-Trichloropropane	11.079	75	76687	21.735	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	76687	68.309	ug/l #	12

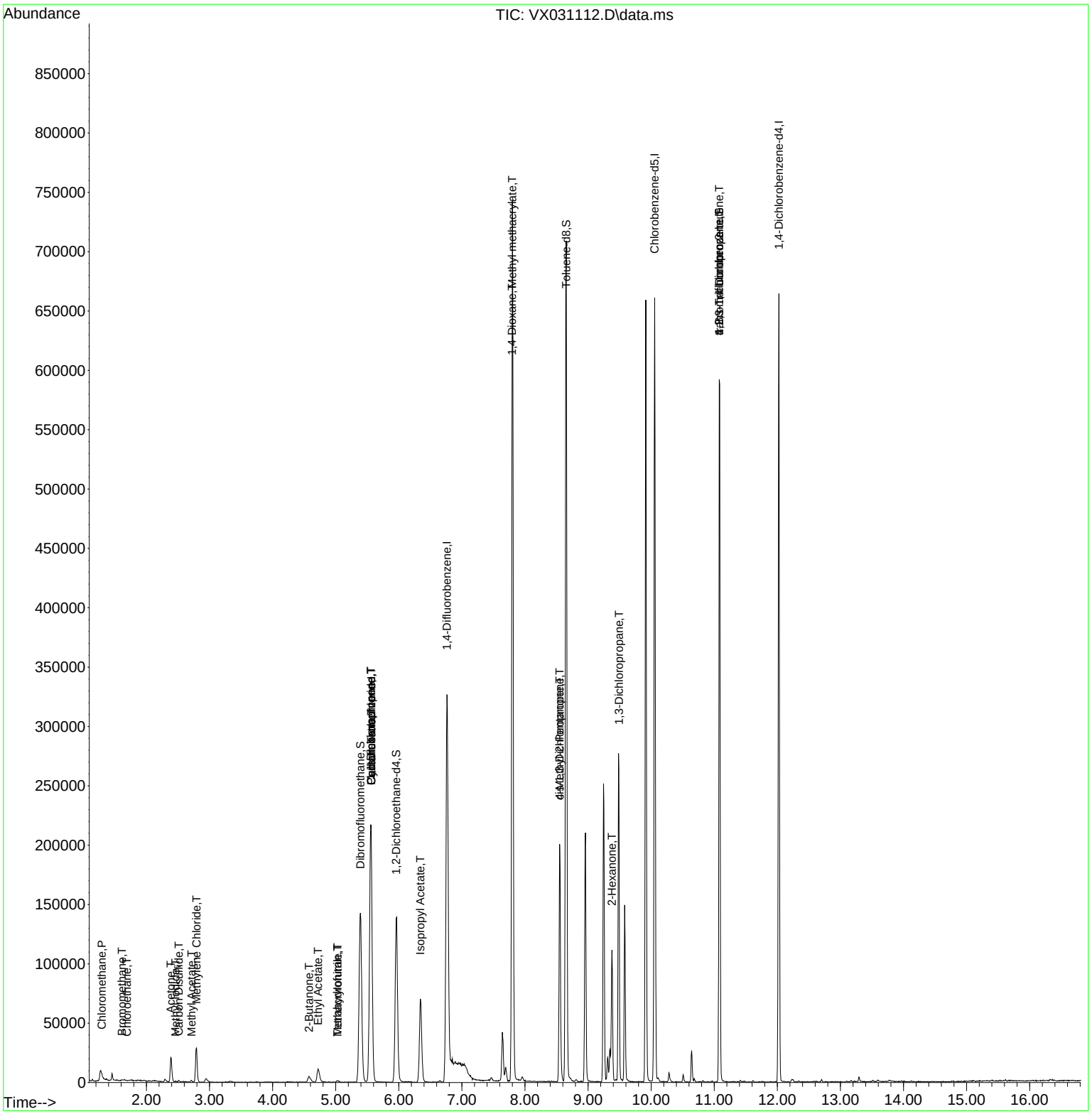
(#) = qualifier out of range (m) = manual integration (+) = signals summed

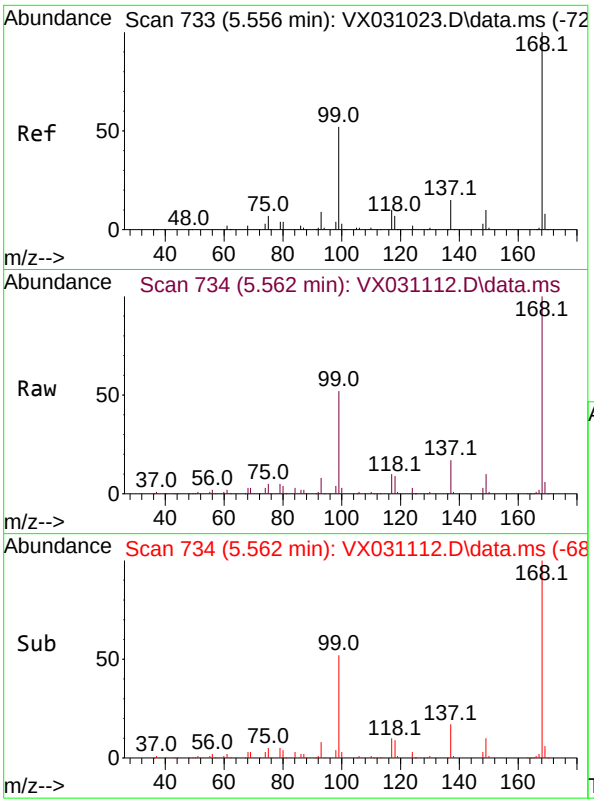
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
Data File : VX031112.D
Acq On : 04 Sep 2022 03:34
Operator : JC/MD
Sample : N4438-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Quant Time: Sep 06 01:29:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration



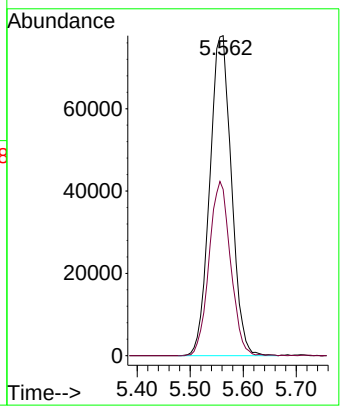


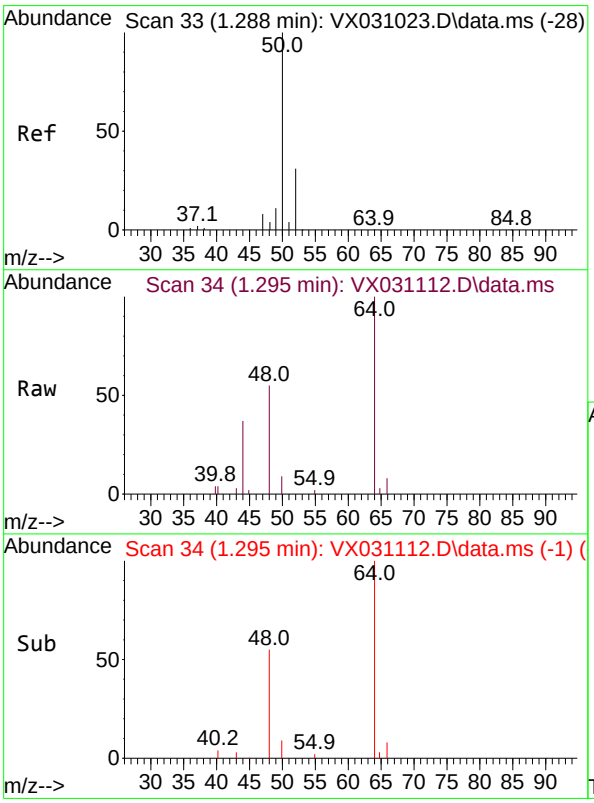
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion:168 Resp: 220870

Ion	Ratio	Lower	Upper
168	100		
99	52.0	44.0	66.0

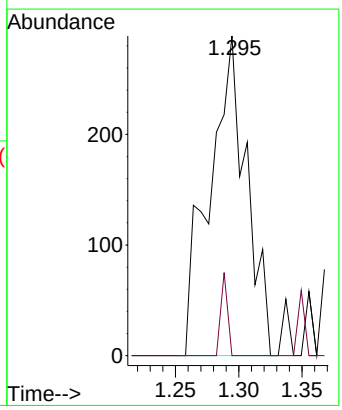


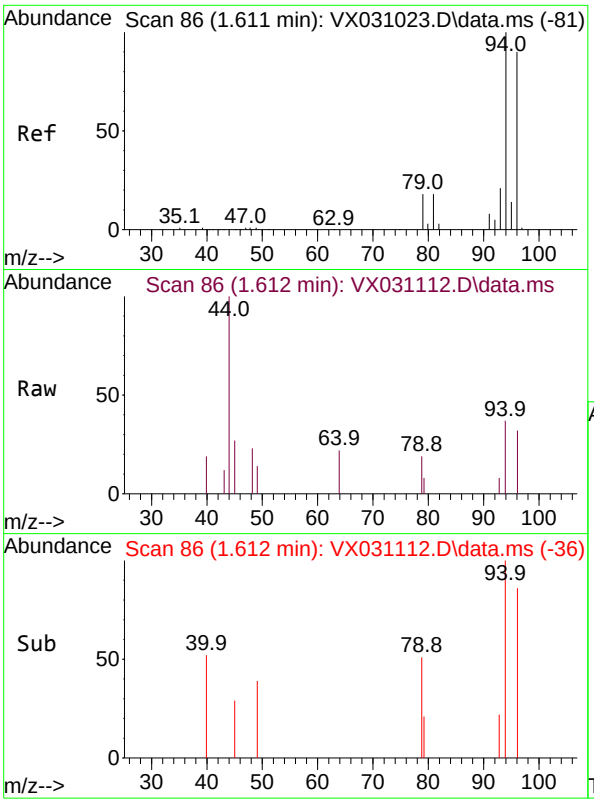


#3
Chloromethane
Concen: 0.968 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 50 Resp: 589

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.3	39.5#



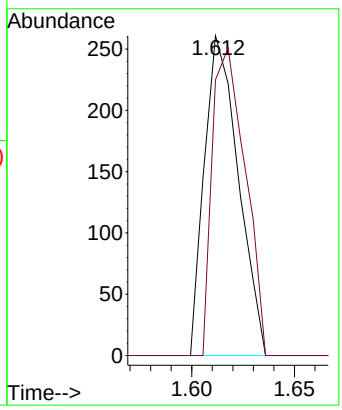


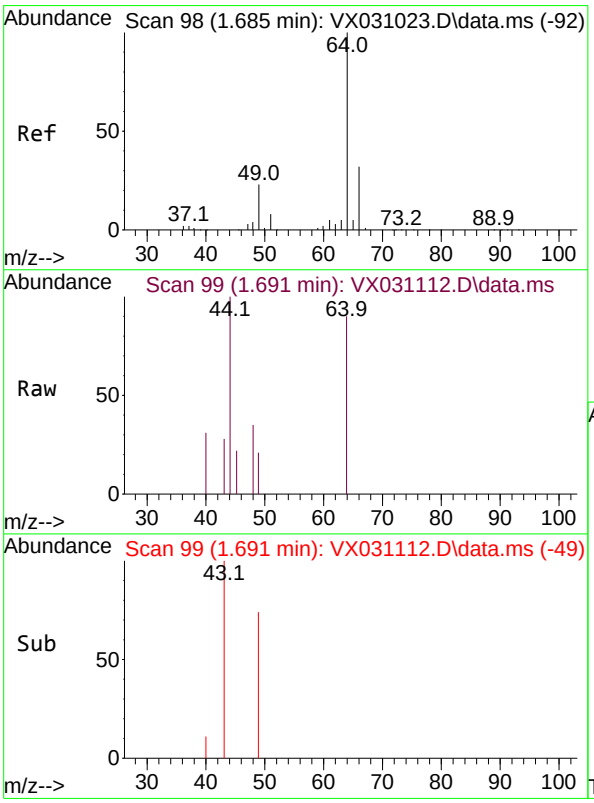
#5
Bromomethane
Concen: 0.283 ug/l
RT: 1.612 min Scan# 8
Delta R.T. 0.007 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion: 94 Resp: 300

Ion	Ratio	Lower	Upper
94	100		
96	86.2	76.9	115.3

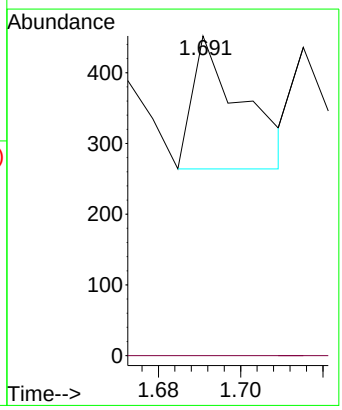


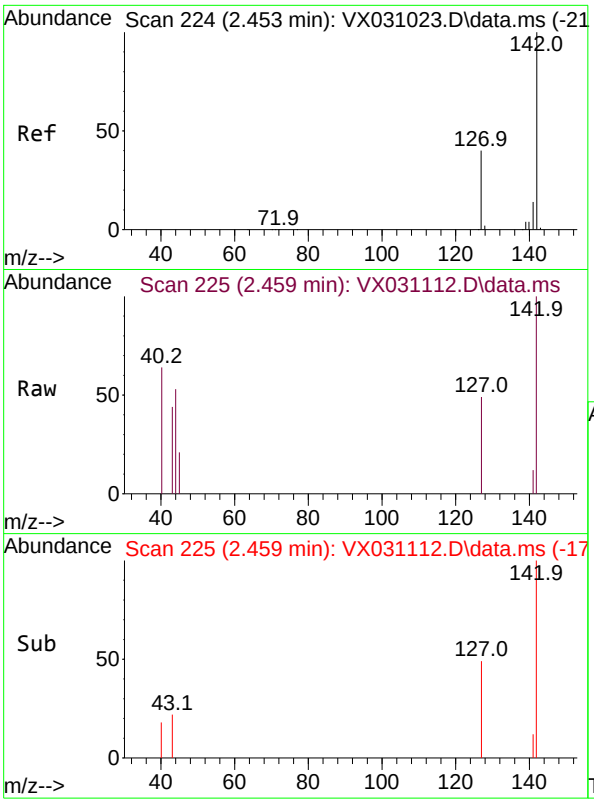


#6
Chloroethane
Concen: 1.828 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 64 Resp: 159

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.2	40.8#



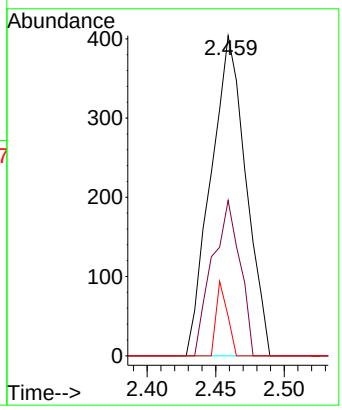


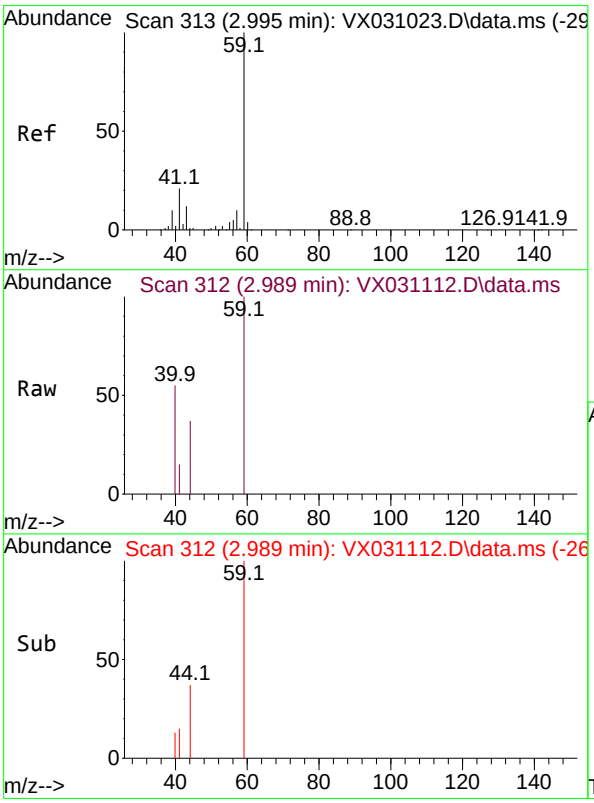
#10
Methyl Iodide
Concen: 3.172 ug/l
RT: 2.459 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion:142 Resp: 718

Ion	Ratio	Lower	Upper
142	100		
127	38.3	30.2	45.2
141	7.4	11.3	16.9#

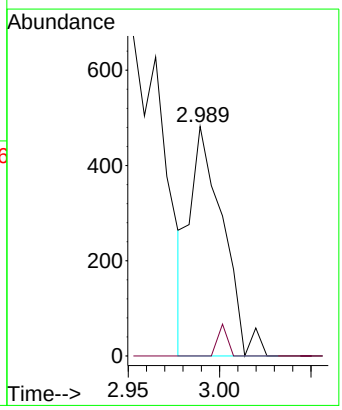


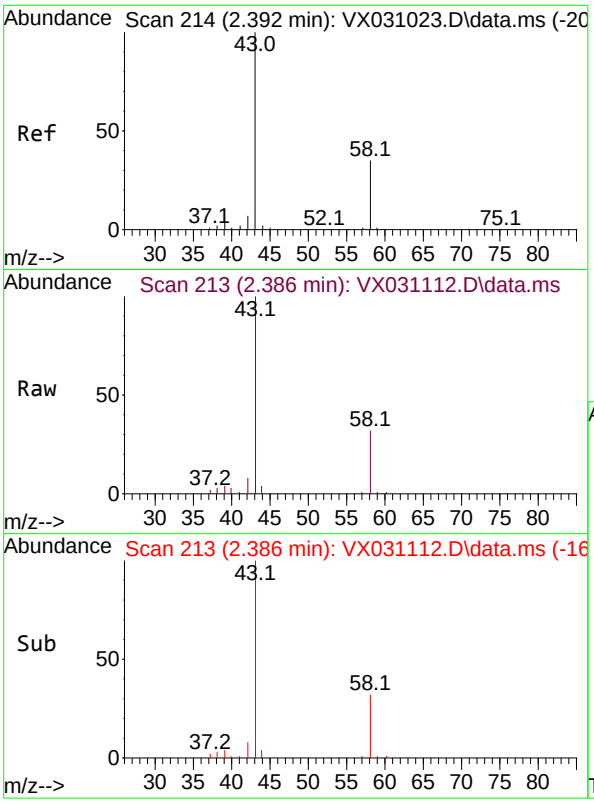


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 59 Resp: 604

Ion	Ratio	Lower	Upper
59	100		
57	4.1	7.4	11.2#



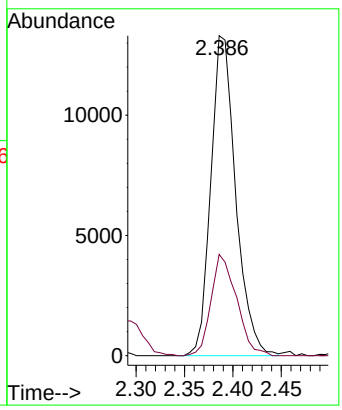


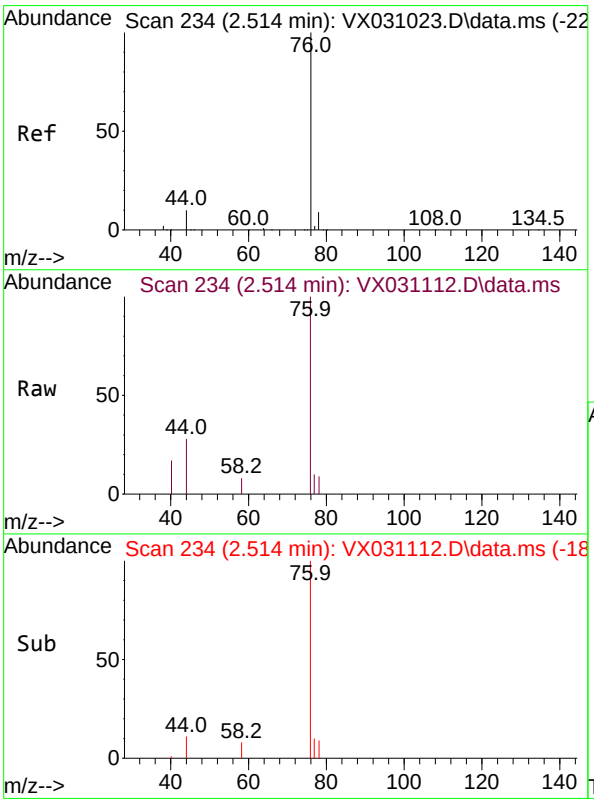
#16
Acetone
Concen: 21.748 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion: 43 Resp: 23860

Ion	Ratio	Lower	Upper
43	100		
58	31.7	27.7	41.5

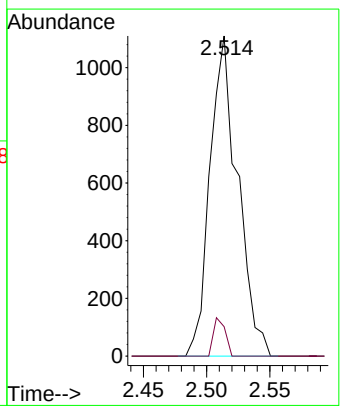


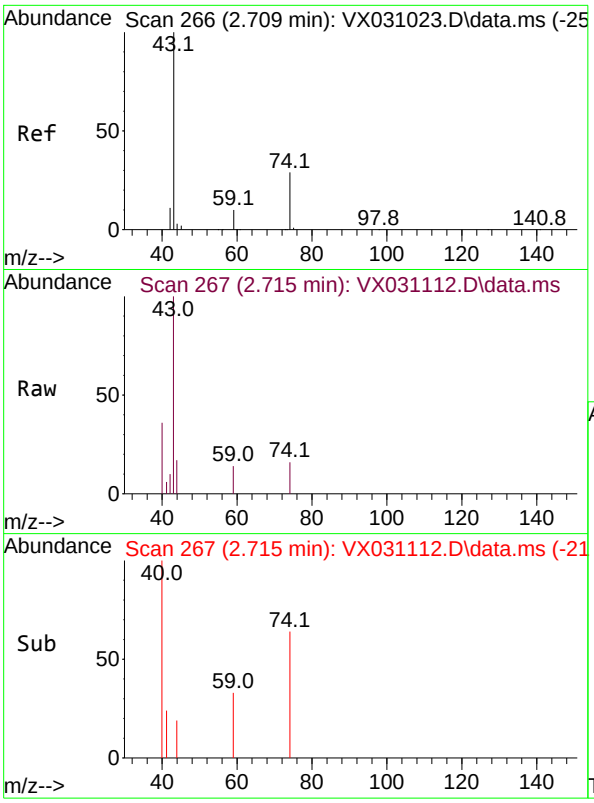


#17
Carbon Disulfide
Concen: 0.254 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 76 Resp: 1693

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.8	11.6



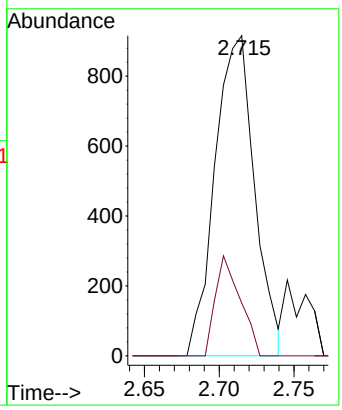


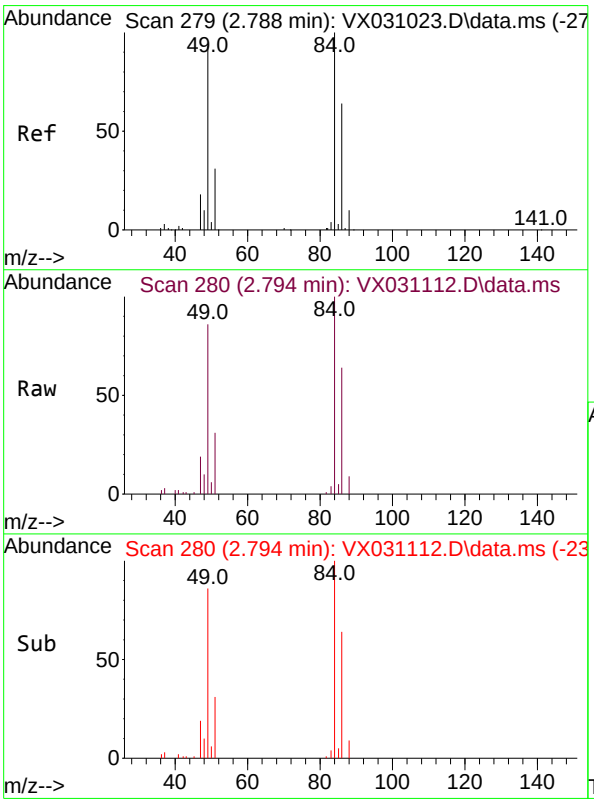
#18
Methyl Acetate
Concen: 0.535 ug/l
RT: 2.715 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion: 43 Resp: 1688

Ion	Ratio	Lower	Upper
43	100		
74	19.5	19.4	29.2

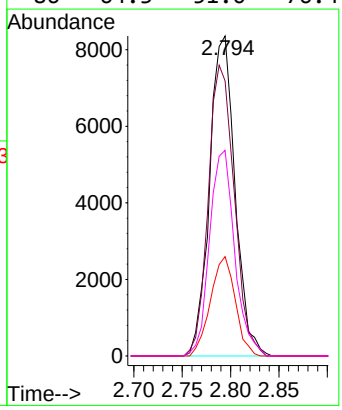


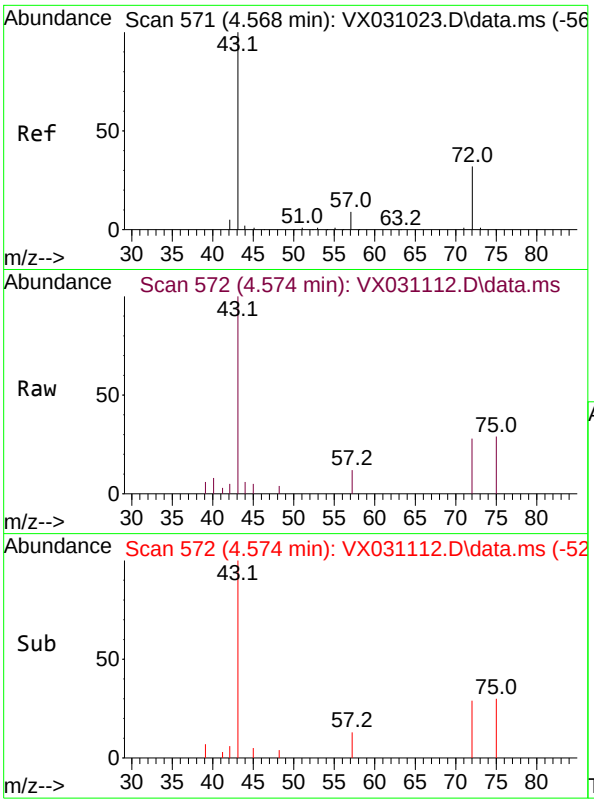


#20
Methylene Chloride
Concen: 3.714 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 84 Resp: 15329

Ion	Ratio	Lower	Upper
84	100		
49	85.9	93.8	140.6#
51	31.0	29.4	44.0
86	64.3	51.0	76.4



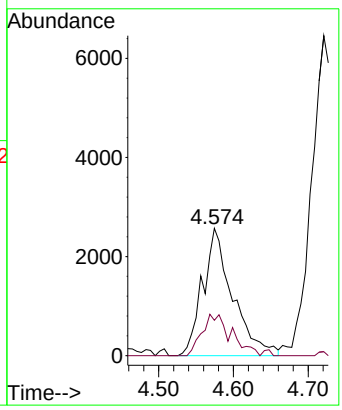


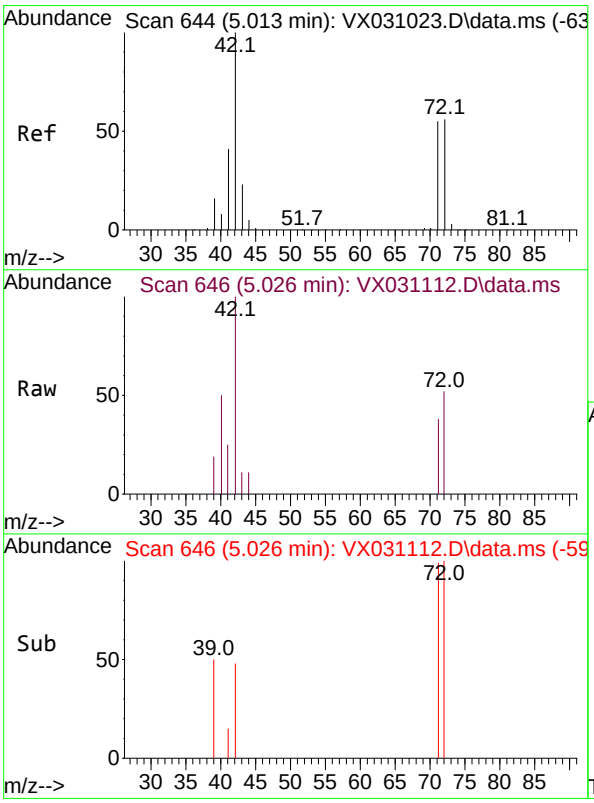
#25
2-Butanone
Concen: 4.233 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion: 43 Resp: 7170

Ion	Ratio	Lower	Upper
43	100		
72	27.8	21.7	32.5

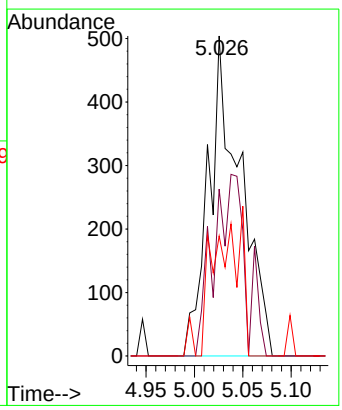


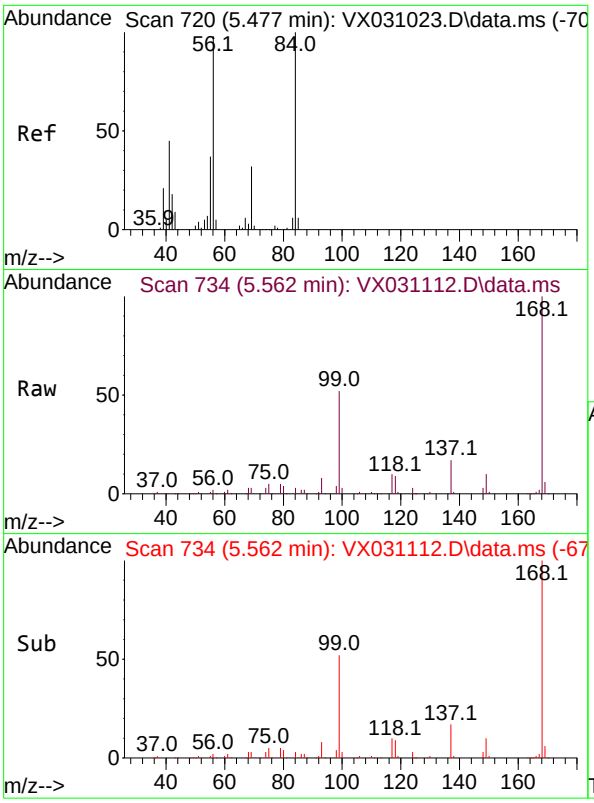


#29
Tetrahydrofuran
Concen: 1.053 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.013 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 42 Resp: 1150

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.5	54.7#
71	22.6	33.9	50.9#



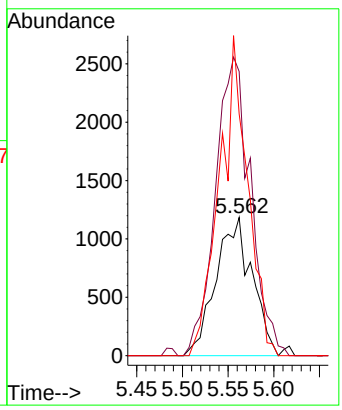


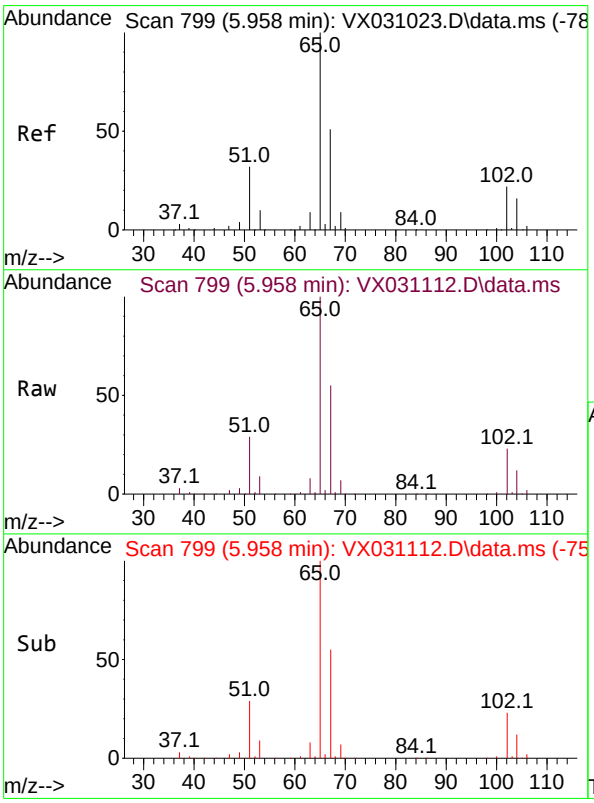
#31
Cyclohexane
Concen: 0.842 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.085 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion: 56 Resp: 3268

Ion	Ratio	Lower	Upper
56	100		
69	205.6	25.4	38.0#
84	174.9	68.9	103.3#

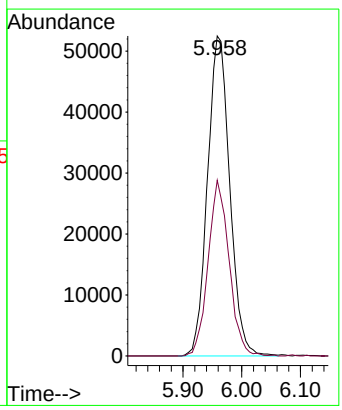


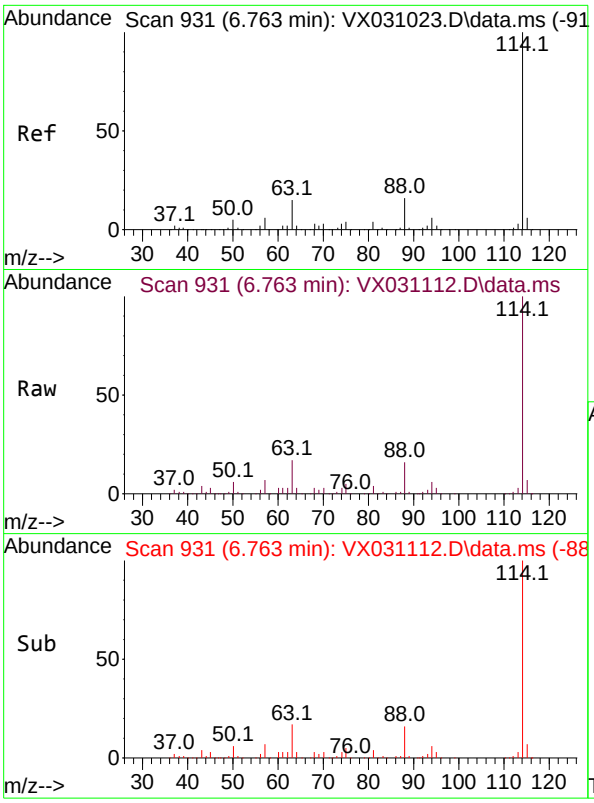


#33
1,2-Dichloroethane-d4
Concen: 48.556 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 65 Resp: 137991

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	109.6



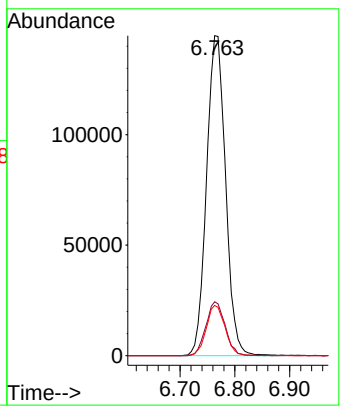


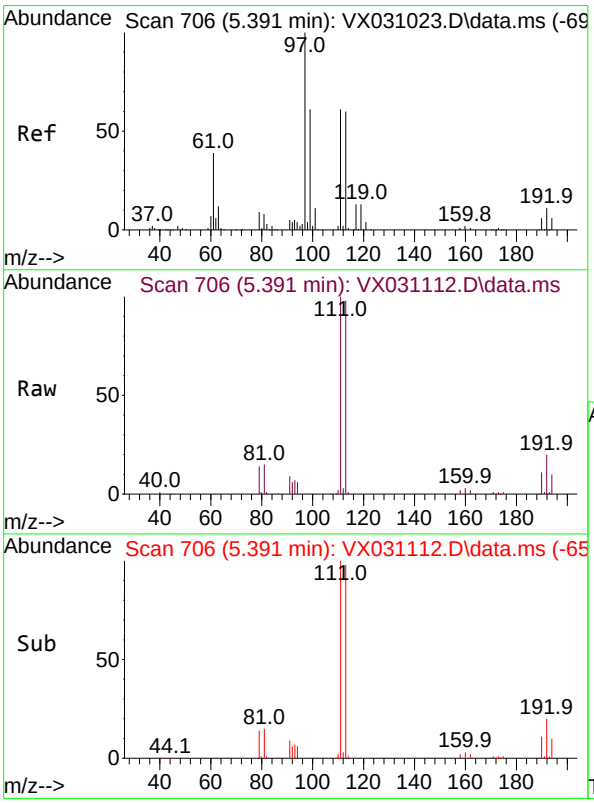
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion:114 Resp: 347922

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	38.4
88	15.7	0.0	31.8

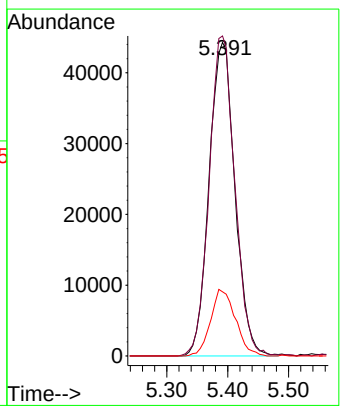


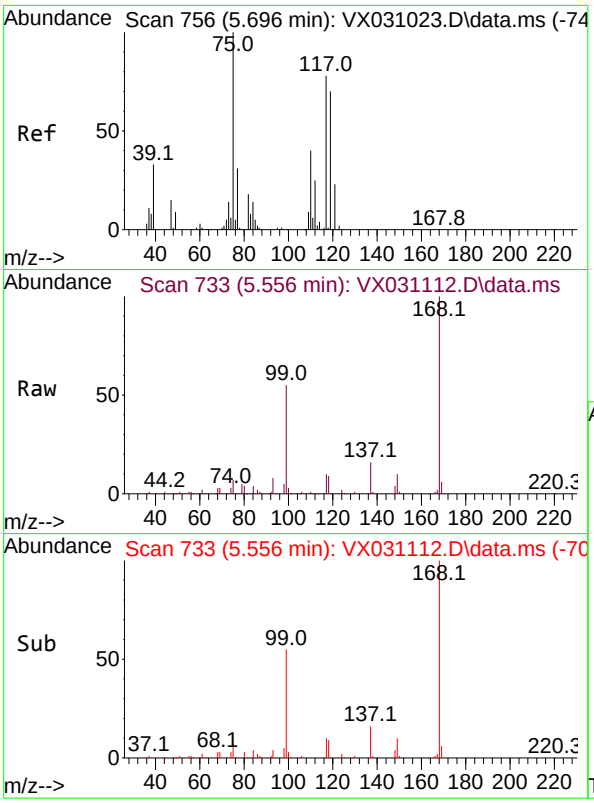


#35
Dibromofluoromethane
Concen: 51.415 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion:113 Resp: 130543

Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.2	124.8
192	20.4	14.8	22.2



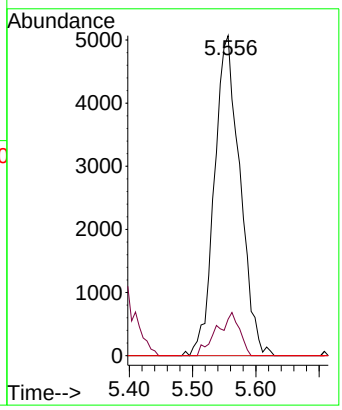


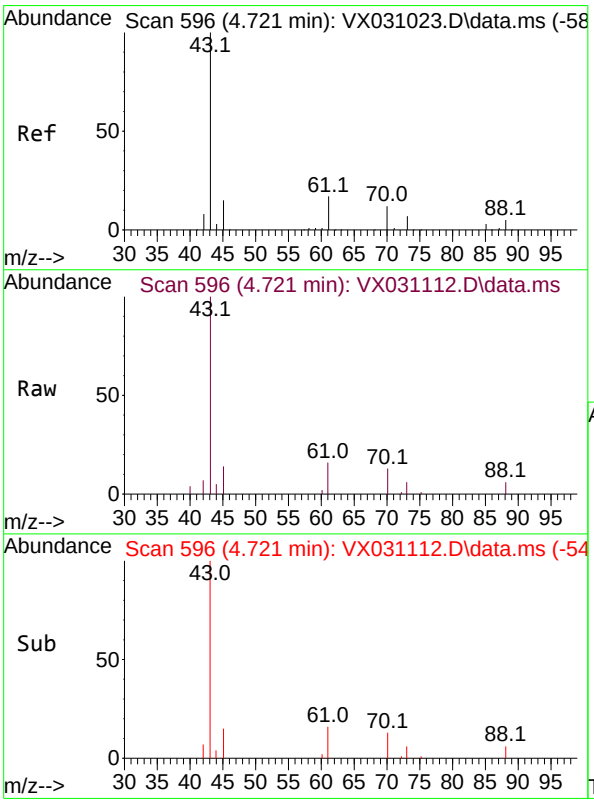
#36
1,1-Dichloropropene
Concen: 3.994 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion: 75 Resp: 14206

Ion	Ratio	Lower	Upper
75	100		
110	12.1	19.3	57.9#
77	0.0	24.4	36.6#

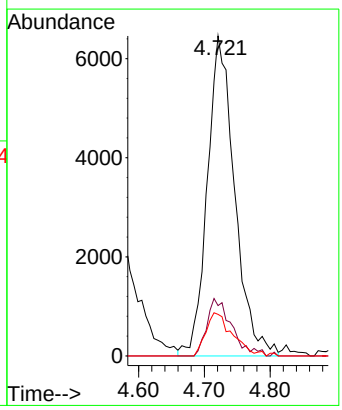


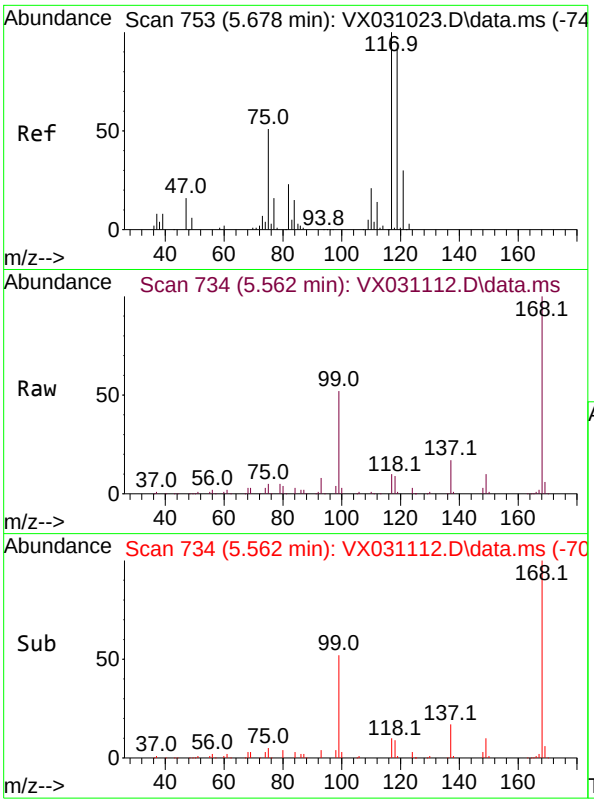


#37
Ethyl Acetate
Concen: 6.052 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 43 Resp: 18700

Ion	Ratio	Lower	Upper
43	100		
61	16.1	11.7	17.5
70	13.1	9.3	13.9



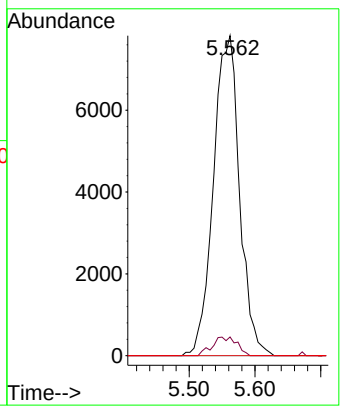


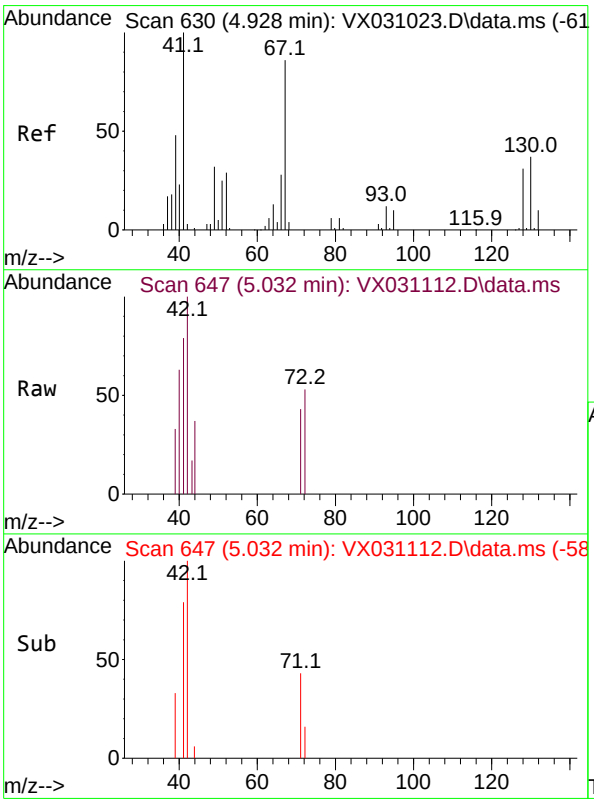
#38
Carbon Tetrachloride
Concen: 5.860 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.122 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion:117 Resp: 21633

Ion	Ratio	Lower	Upper
117	100		
119	5.8	74.1	111.1#
121	0.0	25.8	38.8#

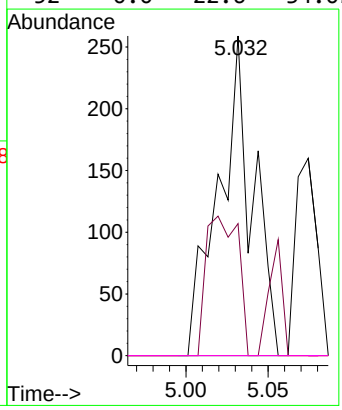


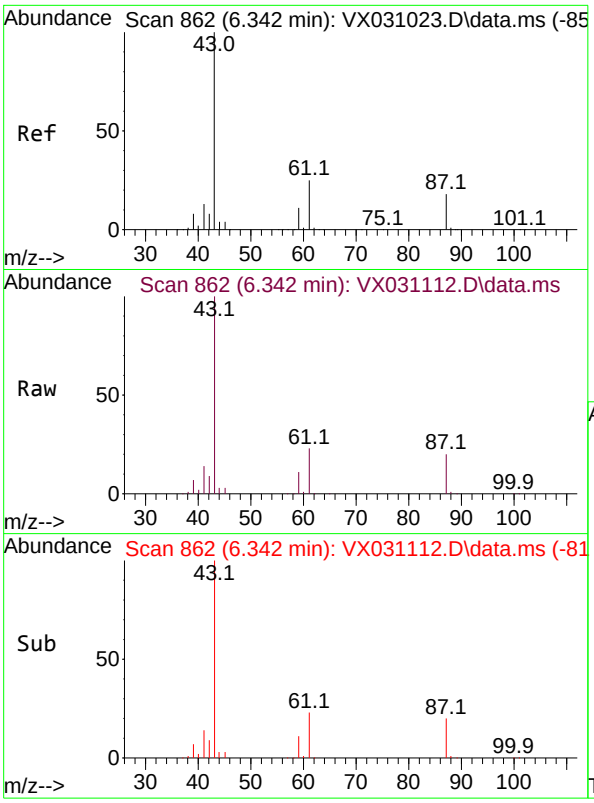


#41
Methacrylonitrile
Concen: 0.227 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 41 Resp: 374

Ion	Ratio	Lower	Upper
41	100		
39	41.2	42.9	64.3#
67	0.0	60.1	90.1#
52	0.0	22.6	34.0#



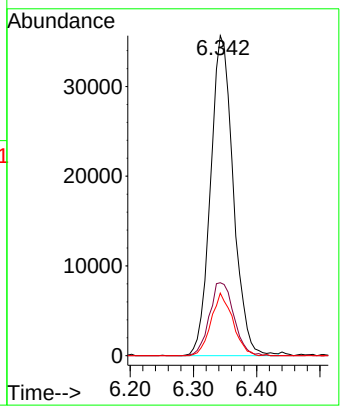


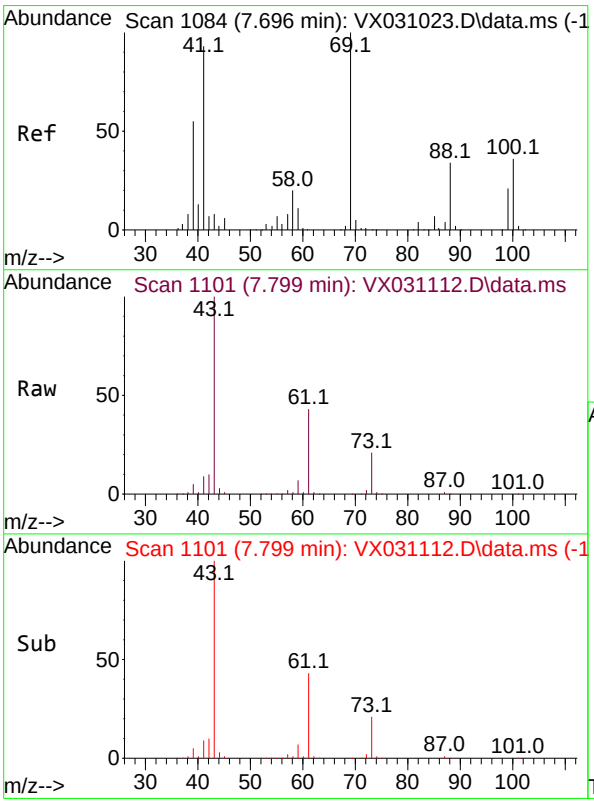
#43
Isopropyl Acetate
Concen: 18.410 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion: 43 Resp: 88909

Ion	Ratio	Lower	Upper
43	100		
61	24.5	16.5	24.7
87	18.8	11.1	16.7#

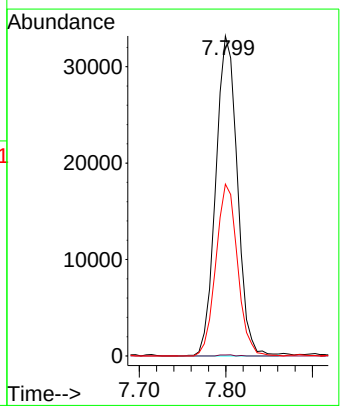


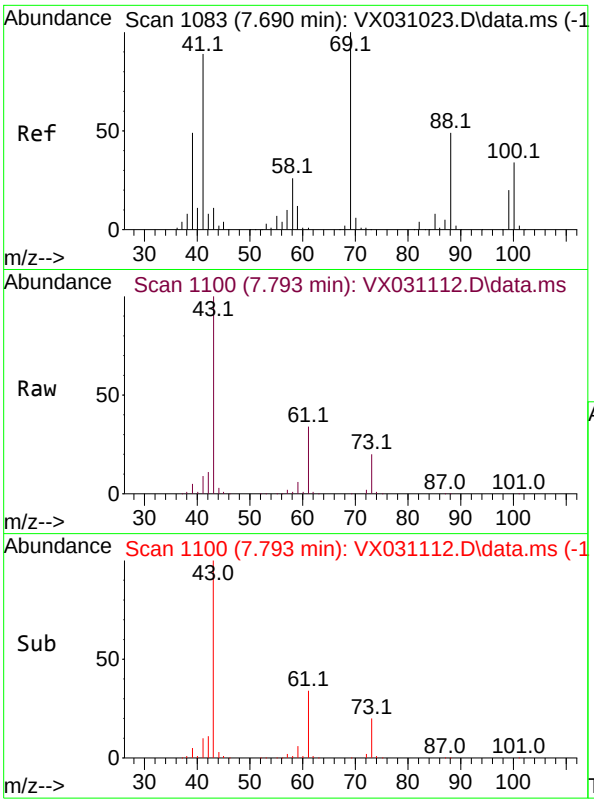


#48
Methyl methacrylate
Concen: 23.560 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 41 Resp: 57442

Ion	Ratio	Lower	Upper
41	100		
69	0.2	68.8	103.2#
39	53.9	44.6	66.8



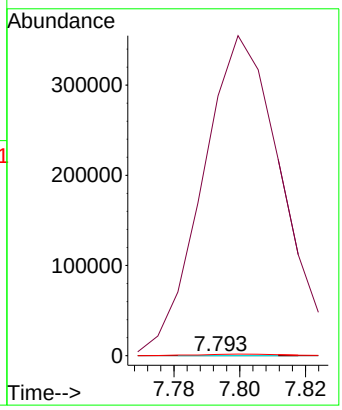


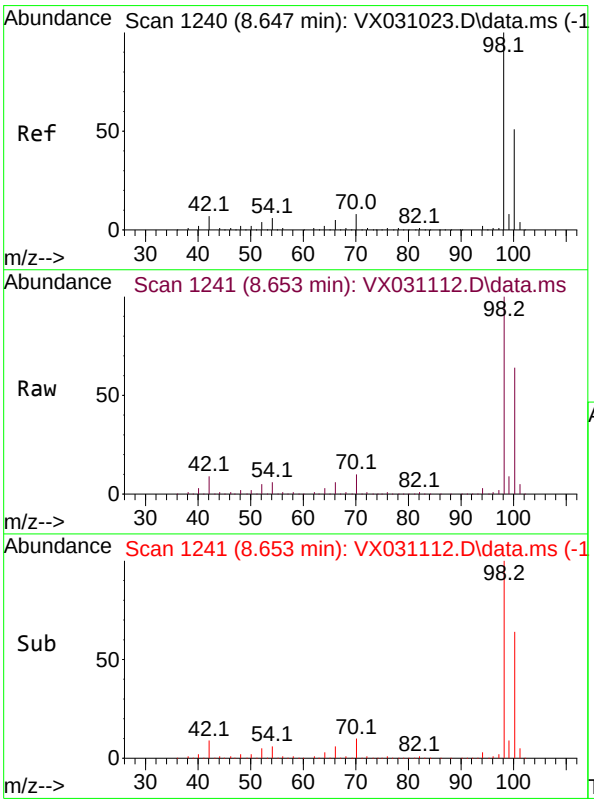
#49
1,4-Dioxane
Concen: 0.647 ug/l
RT: 7.793 min Scan# 11
Delta R.T. 0.116 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion: 88 Resp: 48

Ion	Ratio	Lower	Upper
88	100		
43	1247289.6	23.8	35.8#
58	6637.5	53.8	80.6#

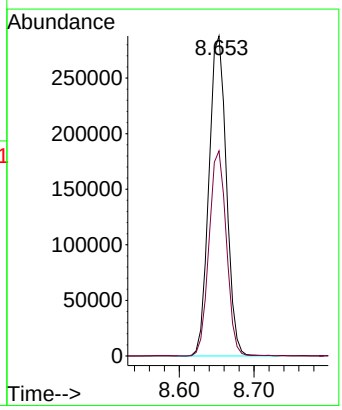


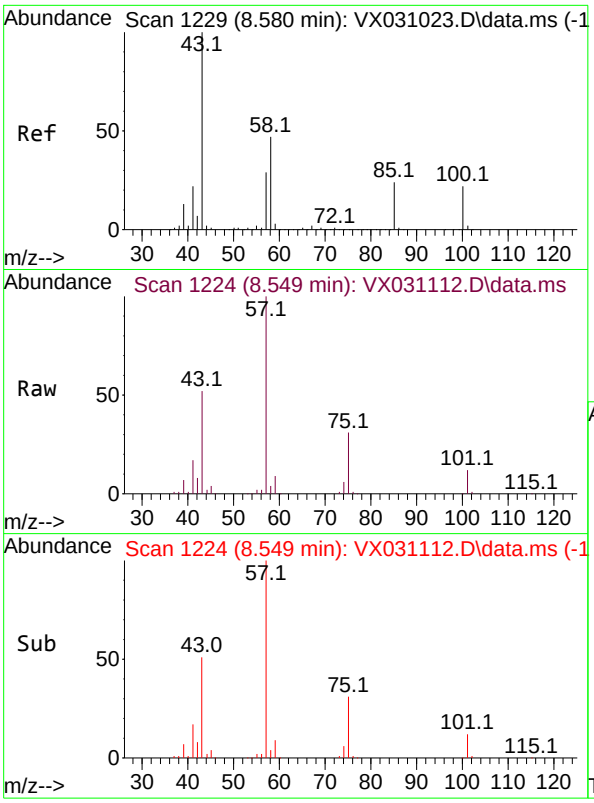


#50
Toluene-d8
Concen: 50.015 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 98 Resp: 467364

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.3	78.5



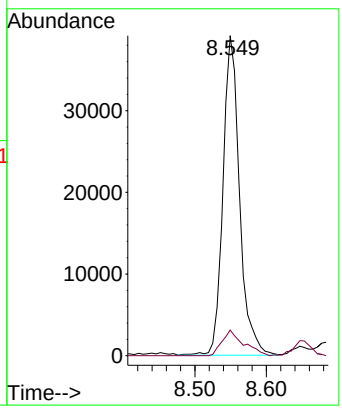


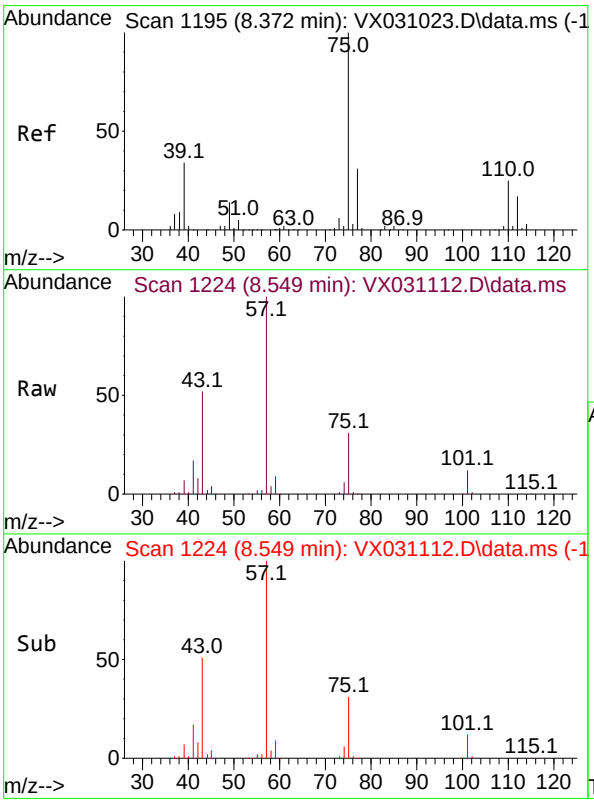
#51
4-Methyl-2-Pentanone
Concen: 20.295 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.031 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion: 43 Resp: 63008

Ion	Ratio	Lower	Upper
43	100		
58	10.4	31.4	47.2#

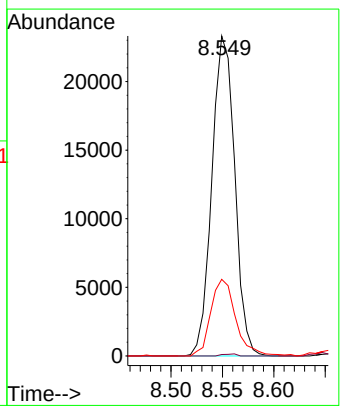


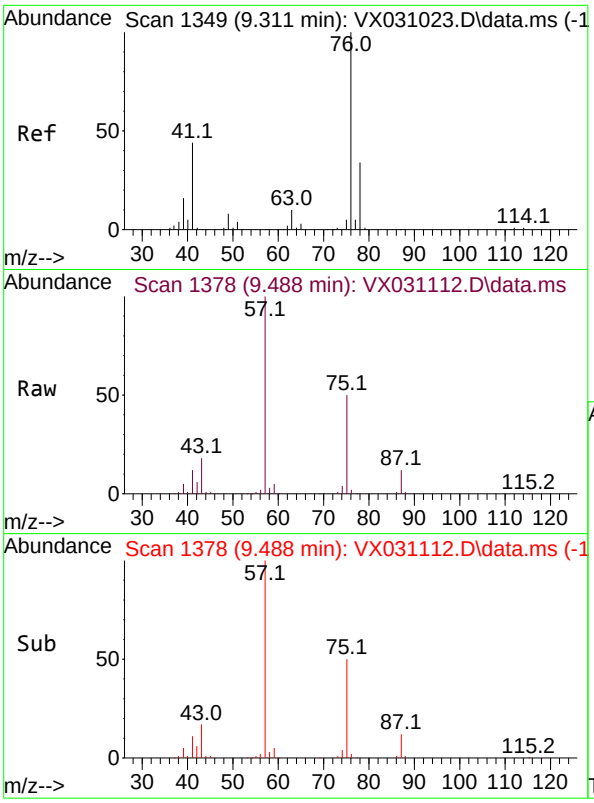


#54
cis-1,3-Dichloropropene
Concen: 8.890 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 75 Resp: 36022

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.0	37.4#
39	23.9	37.5	56.3#



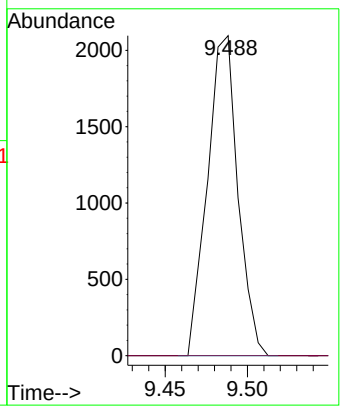


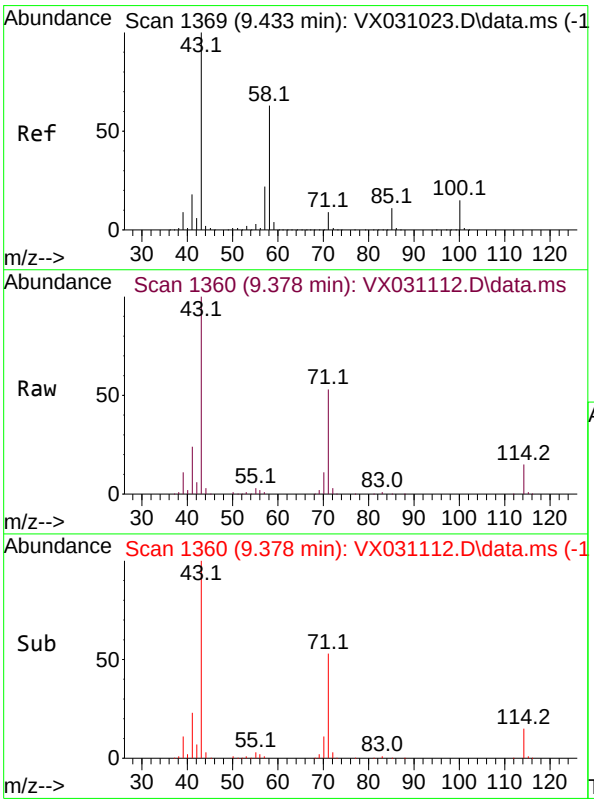
#57
1,3-Dichloropropane
Concen: 0.608 ug/l
RT: 9.488 min Scan# 1
Delta R.T. 0.177 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion: 76 Resp: 2708

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.9	38.9#

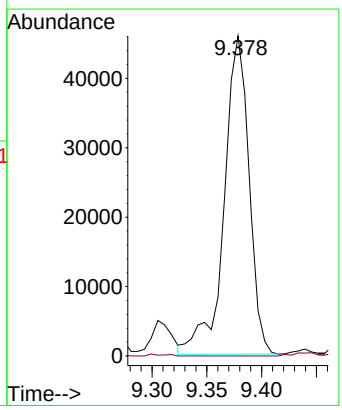


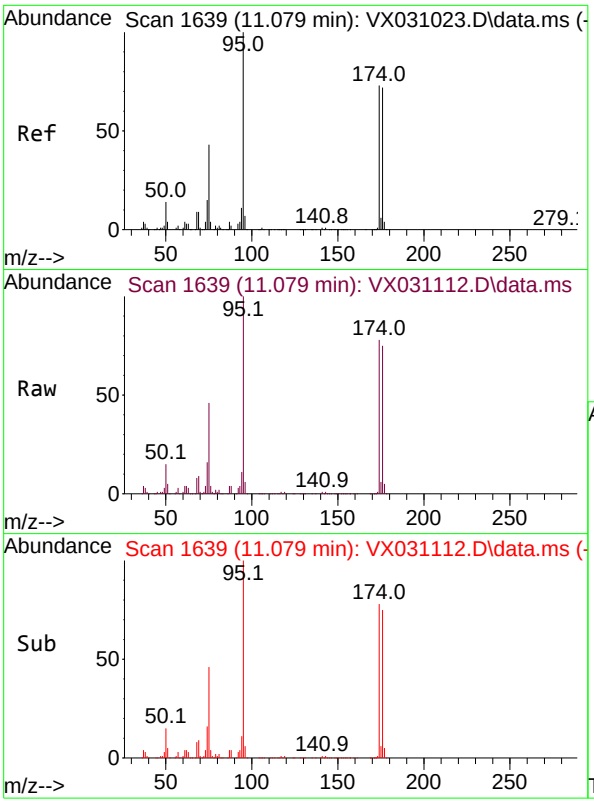


#59
2-Hexanone
Concen: 30.938 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 43 Resp: 72635

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.6	82.8#



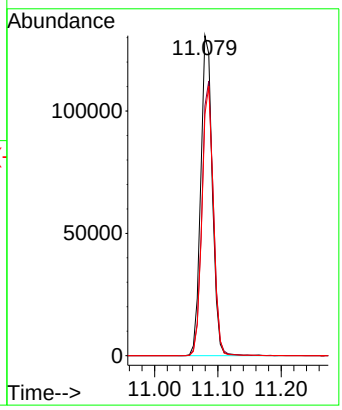


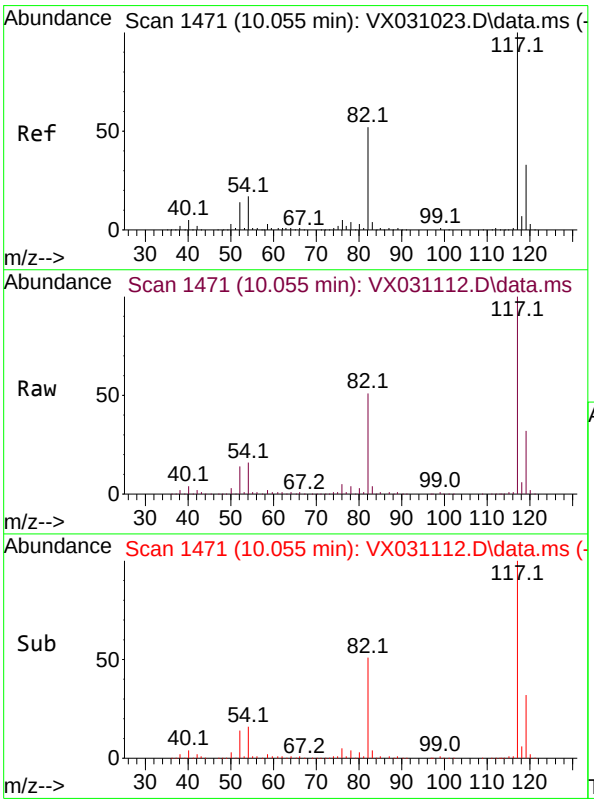
#62
4-Bromofluorobenzene
Concen: 50.389 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion: 95 Resp: 166305

Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	149.0
176	83.0	0.0	146.0

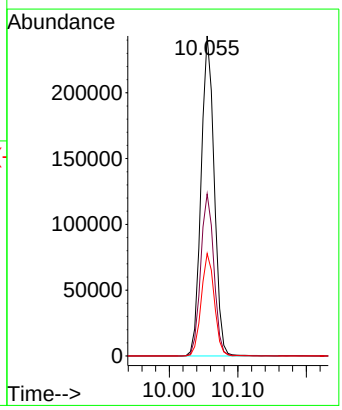


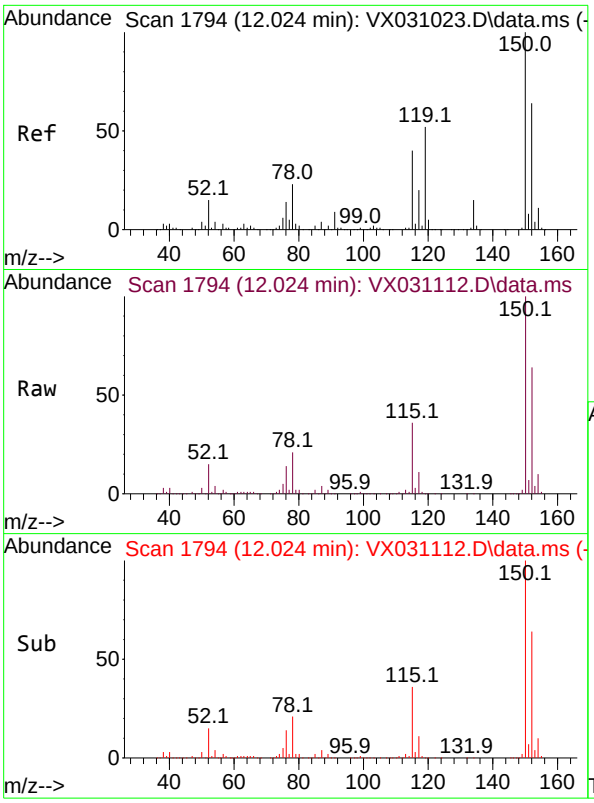


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion:117 Resp: 324934

Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.7	64.1
119	32.0	25.4	38.2



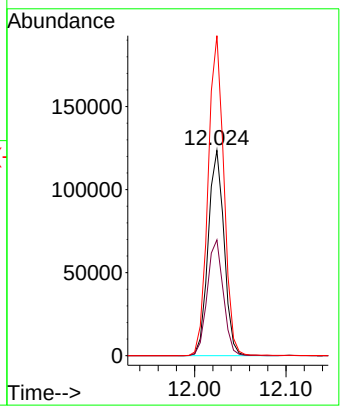


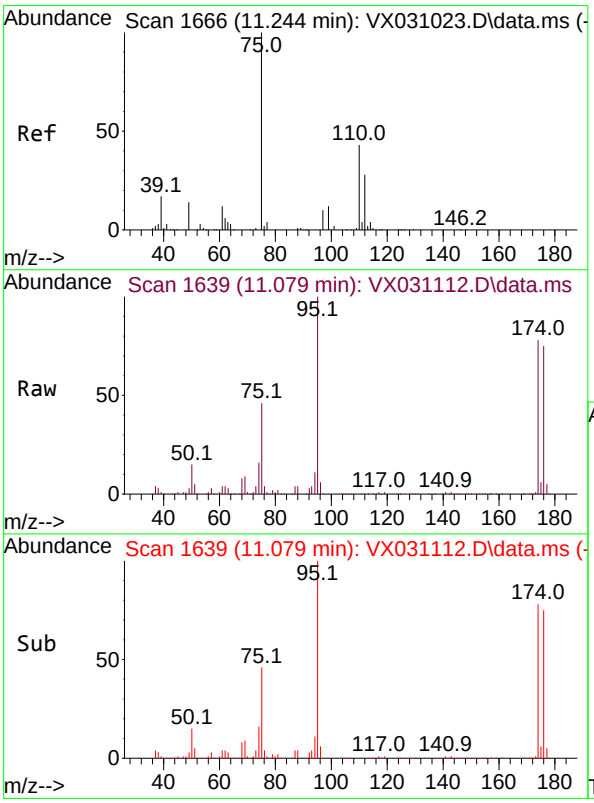
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion:152 Resp: 149253

Ion	Ratio	Lower	Upper
152	100		
115	57.1	40.5	121.5
150	155.1	0.0	347.0

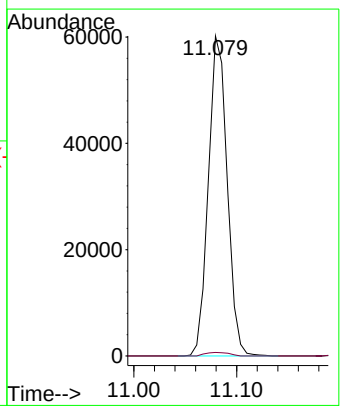


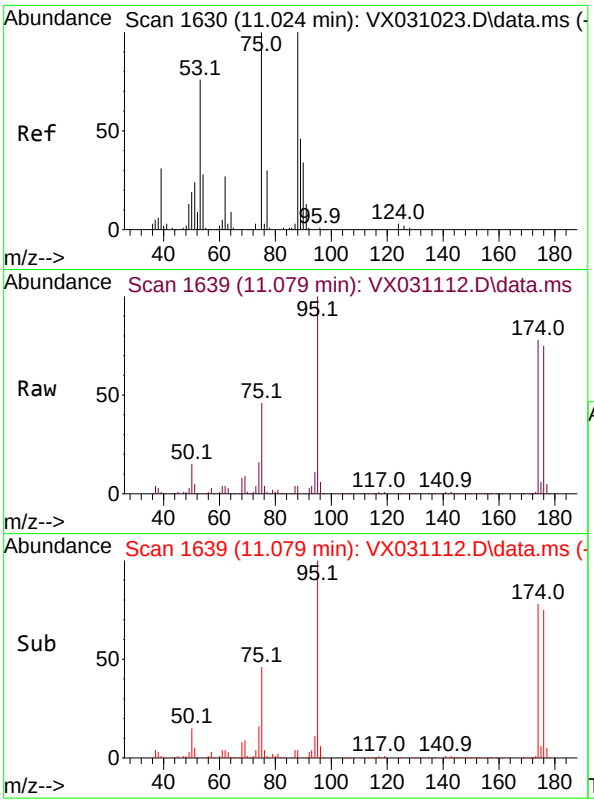


#76
1,2,3-Trichloropropane
Concen: 21.735 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Tgt Ion: 75 Resp: 76687

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.8	59.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.309 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.055 min
Lab File: VX031112.D
Acq: 04 Sep 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :
KTS2-WC-S-TR-01-02-03

Tgt Ion: 75 Resp: 76687

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.2	111.4#
89	0.0	34.8	52.2#