Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
Data File : VX030168.D
Acq On : 21 Jul 2022 17:39
Operator : JC/MD
Sample : N3781-02 250X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Quant Time: Jul 22 04:59:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	168630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	304377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	267736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112025	54.579	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.160%			
35) Dibromofluoromethane	5.391	113	91309	46.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.920%			
50) Toluene-d8	8.653	98	357407	48.872	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.740%			
62) 4-Bromofluorobenzene	11.085	95	119035	46.904	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	70	Below Cal	#	42
5) Bromomethane	1.605	94	257	0.310	ug/l #	58
10) Methyl Iodide	2.459	142	465	2.670	ug/l #	90
11) Tert butyl alcohol	2.953	59	1511	2.852	ug/l #	74
13) Acrolein	2.252	56	735	6.967	ug/l	92
16) Acetone	2.386	43	117188	121.166	ug/l	98
17) Carbon Disulfide	2.508	76	924	Below Cal	#	74
20) Methylene Chloride	2.788	84	3627	Below Cal		92
22) Diisopropyl ether	3.867	45	9937	1.691	ug/l #	1
23) Vinyl Acetate	3.861	43	23491	4.722	ug/l #	72
25) 2-Butanone	4.580	43	2204	1.338	ug/l	99
31) Cyclohexane	5.568	56	3964	1.332	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	14436	5.748	ug/l #	48
38) Carbon Tetrachloride	5.562	117	16701	7.130	ug/l #	18
44) Trichloroethene	7.129	130	535	0.232	ug/l	36
51) 4-Methyl-2-Pentanone	8.580	43	2811	0.875	ug/l	98
52) Toluene	8.720	92	22992	4.580	ug/l	94
59) 2-Hexanone	9.165	43	617	0.251	ug/l	96
60) Dibromochloromethane	9.275	129	874	0.433	ug/l #	11
64) Tetrachloroethene	9.287	164	1004	0.467	ug/l #	65
67) Ethyl Benzene	10.201	91	1940	0.215	ug/l	91
68) m/p-Xylenes	10.305	106	3113	0.878	ug/l	99
69) o-Xylene	10.640	106	1227	0.346	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	59632	22.822	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	59632	65.863	ug/l #	13

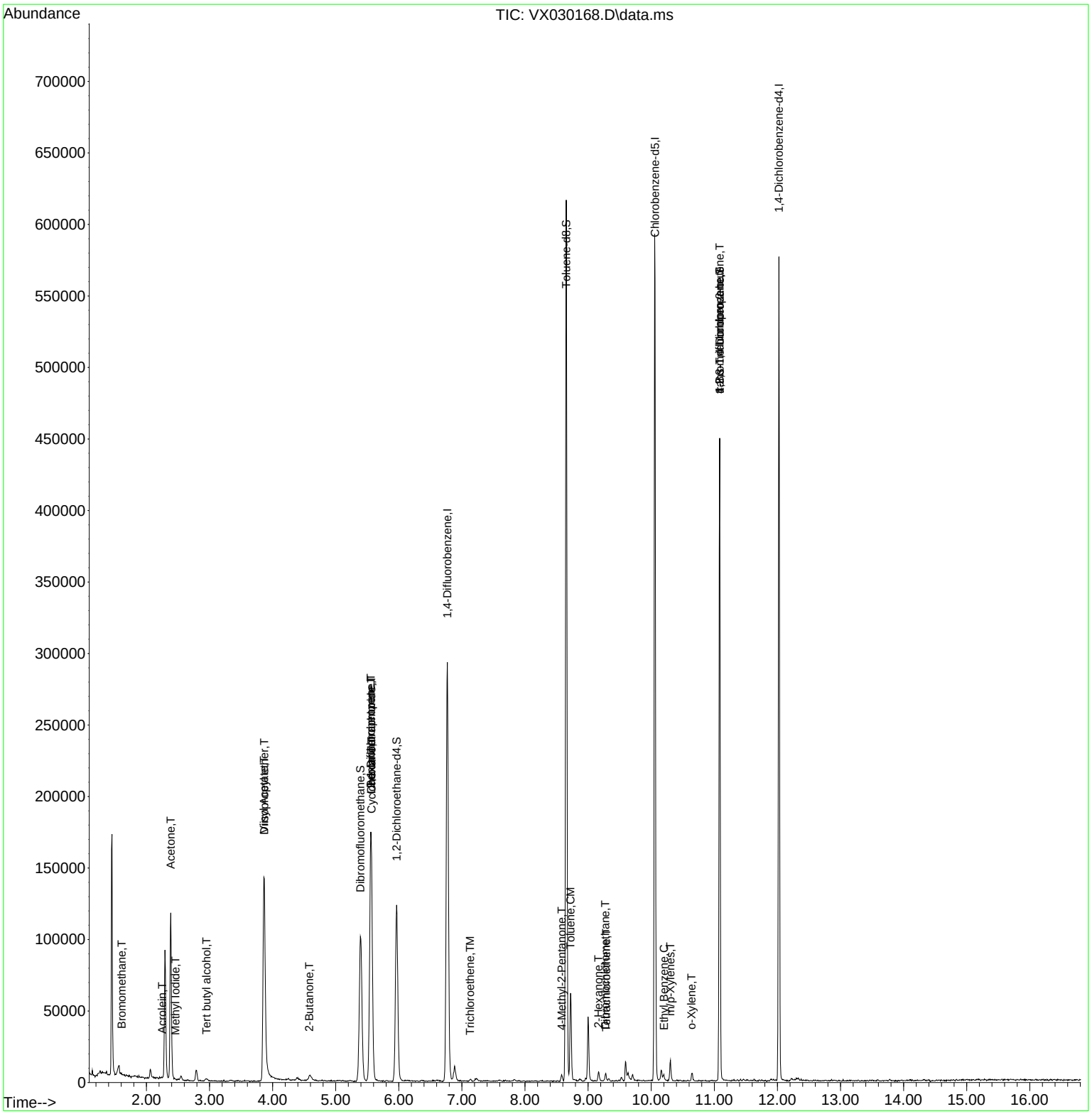
(#) = qualifier out of range (m) = manual integration (+) = signals summed

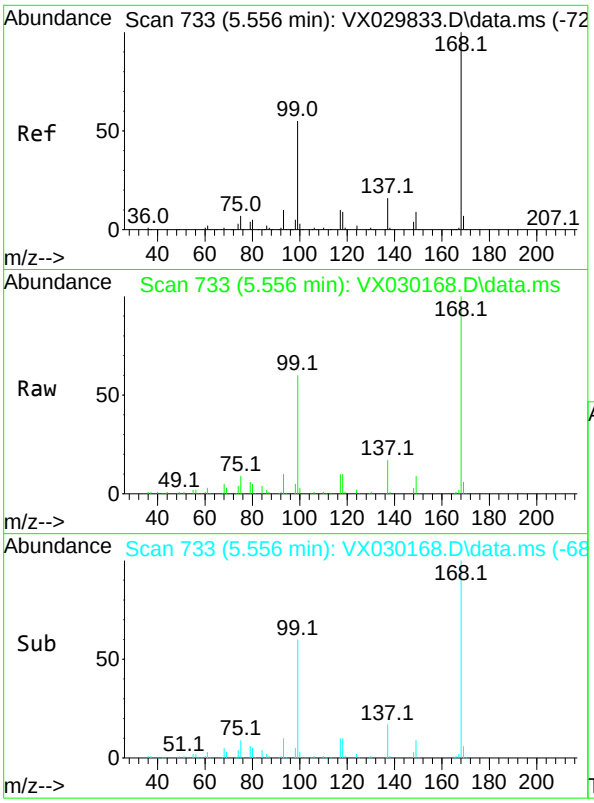
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
Data File : VX030168.D
Acq On : 21 Jul 2022 17:39
Operator : JC/MD
Sample : N3781-02 250X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Quant Time: Jul 22 04:59:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration



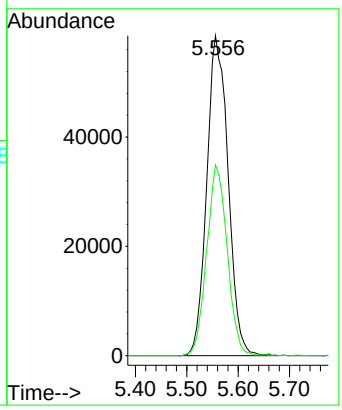


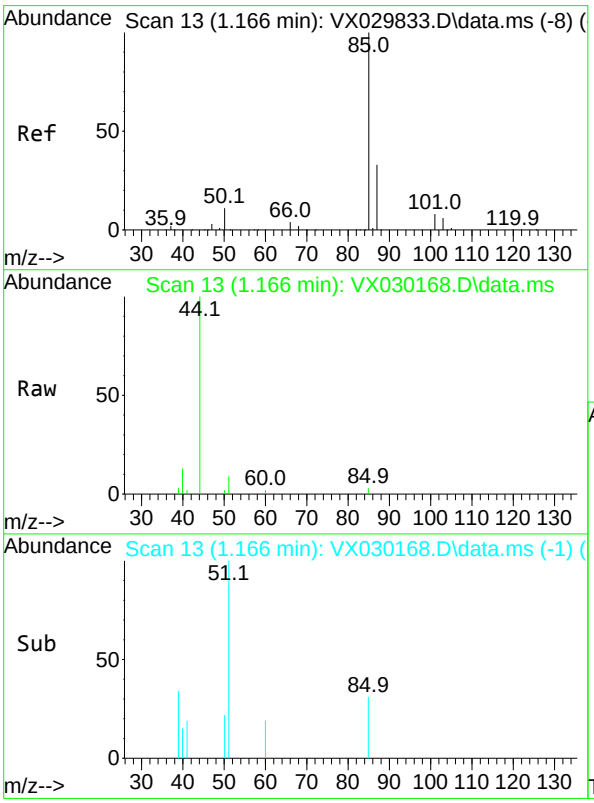
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion:168 Resp: 168630

Ion	Ratio	Lower	Upper
168	100		
99	59.7	44.0	66.0

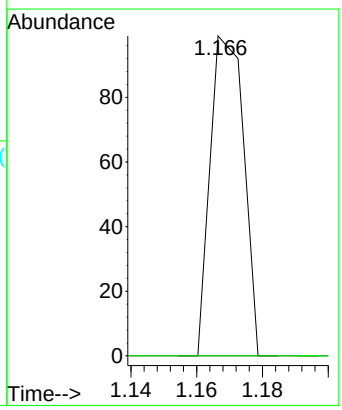


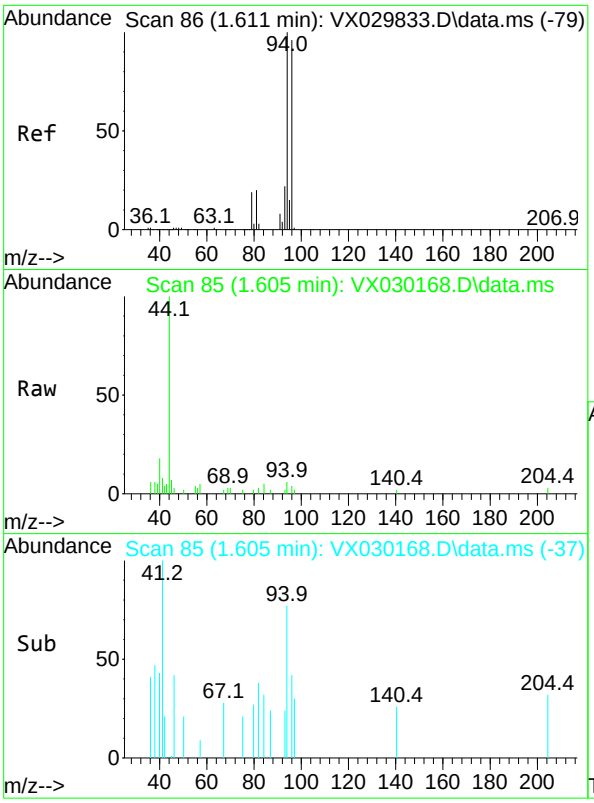


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion: 85 Resp: 70

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.5	49.5#



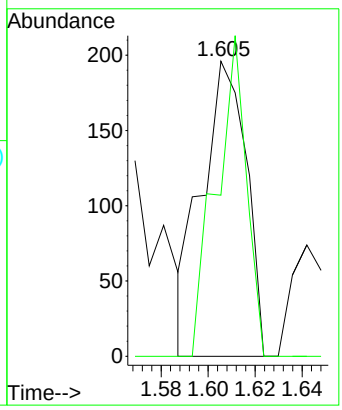


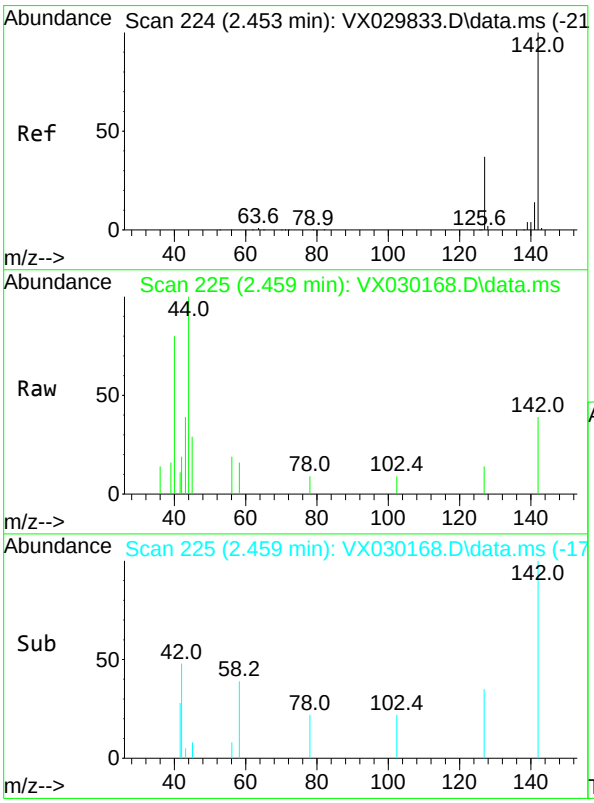
#5
Bromomethane
Concen: 0.310 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion: 94 Resp: 257

Ion	Ratio	Lower	Upper
94	100		
96	54.6	76.9	115.3#

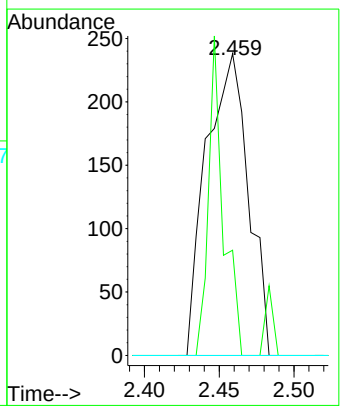


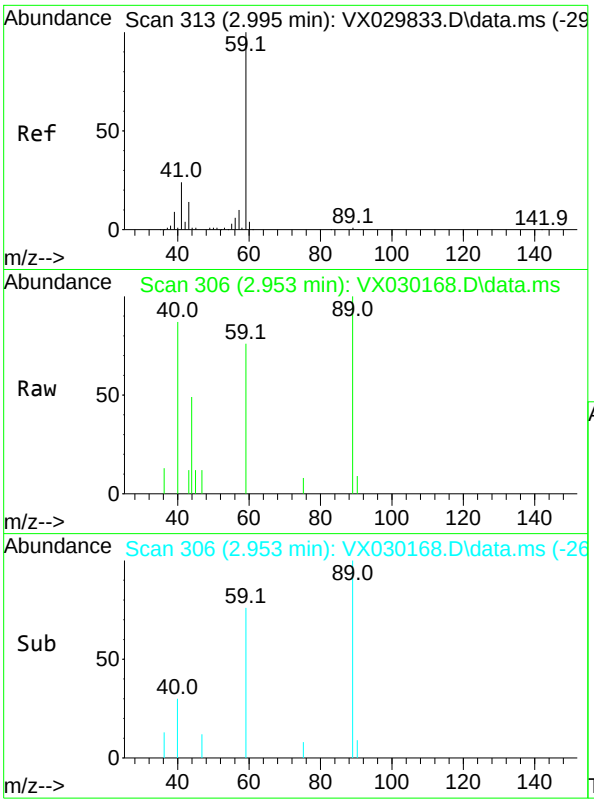


#10
Methyl Iodide
Concen: 2.670 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion:142 Resp: 465

Ion	Ratio	Lower	Upper
142	100		
127	37.4	30.2	45.2
141	0.0	11.3	16.9#



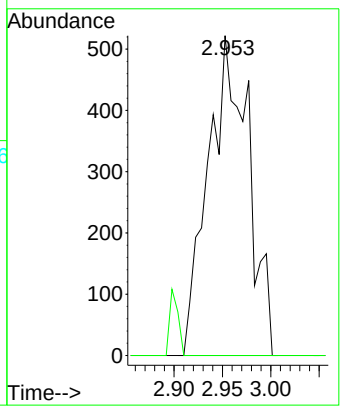


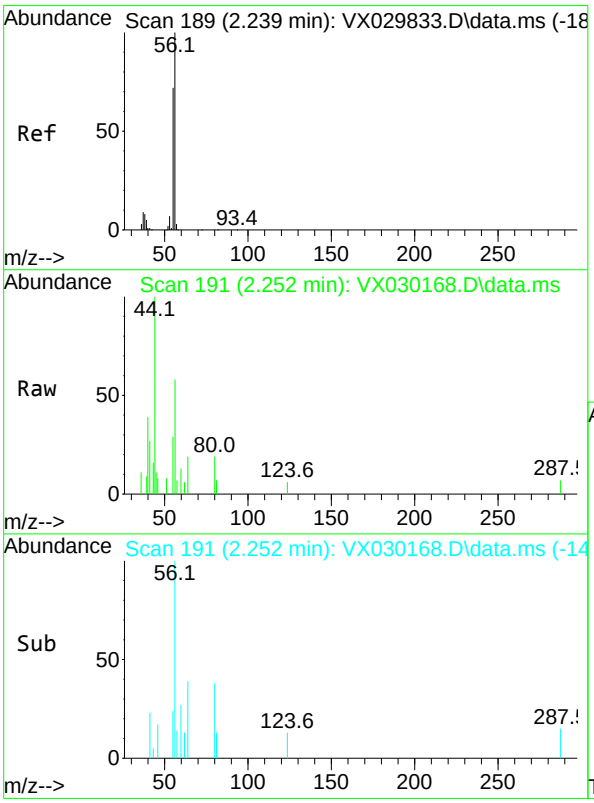
#11
Tert butyl alcohol
Concen: 2.852 ug/l
RT: 2.953 min Scan# 3
Delta R.T. -0.042 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion: 59 Resp: 1511

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#

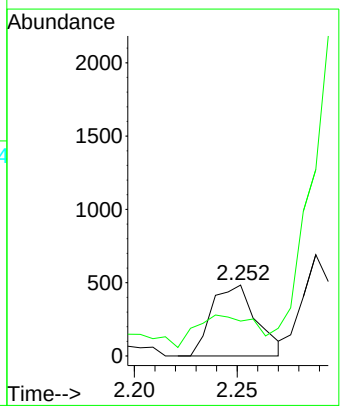


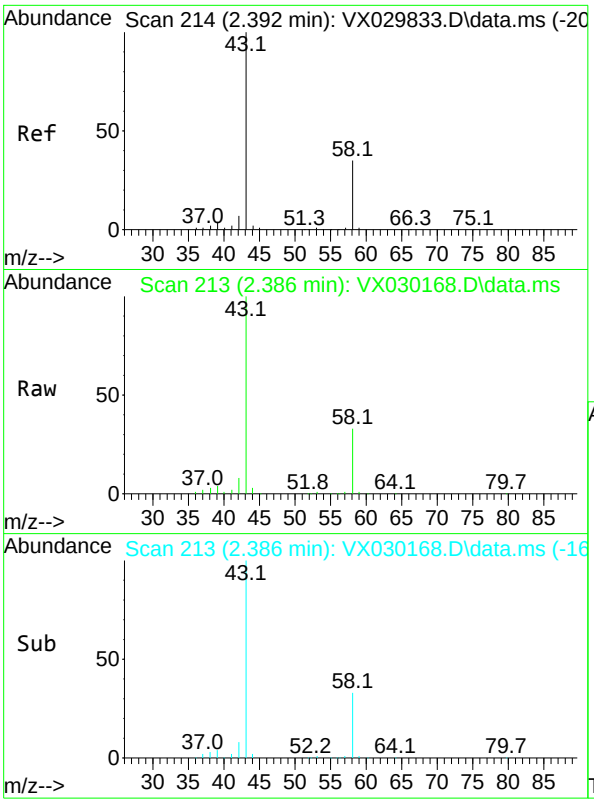


#13
Acrolein
Concen: 6.967 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion: 56 Resp: 735

Ion	Ratio	Lower	Upper
56	100		
55	64.5	56.6	84.8



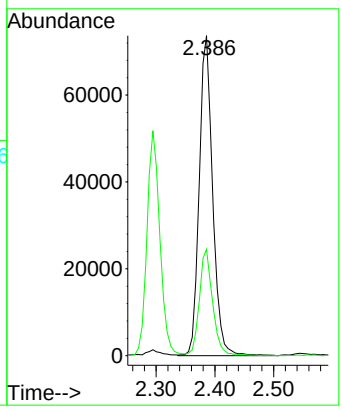


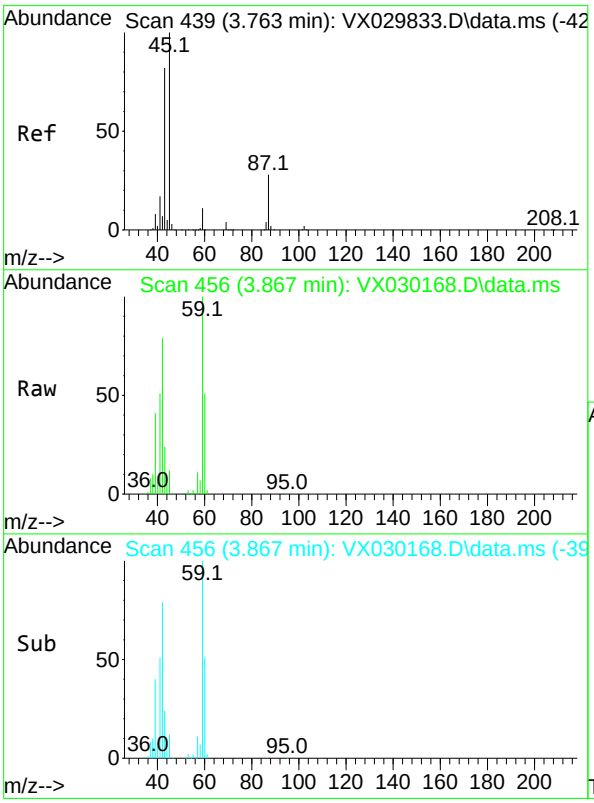
#16
Acetone
Concen: 121.166 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion: 43 Resp: 117188

Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.7	41.5

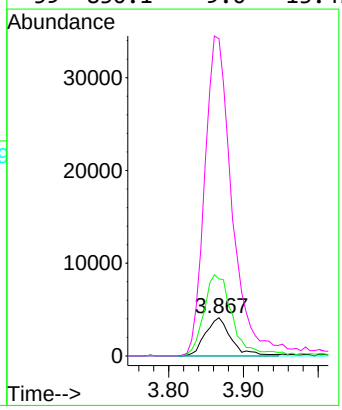


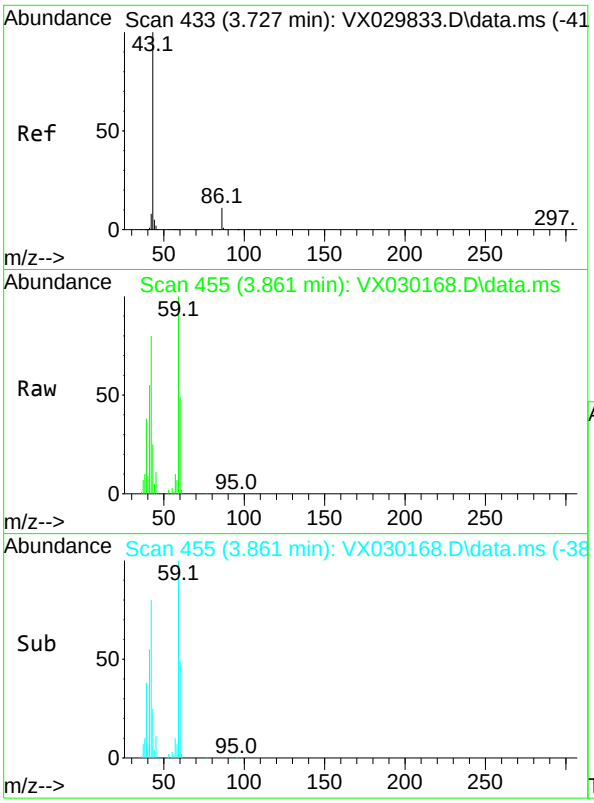


#22
Diisopropyl ether
Concen: 1.691 ug/l
RT: 3.867 min Scan# 456
Delta R.T. 0.104 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion: 45 Resp: 9937

Ion	Ratio	Lower	Upper
45	100		
43	201.7	65.4	98.0#
87	0.0	22.3	33.5#
59	830.1	9.0	13.4#



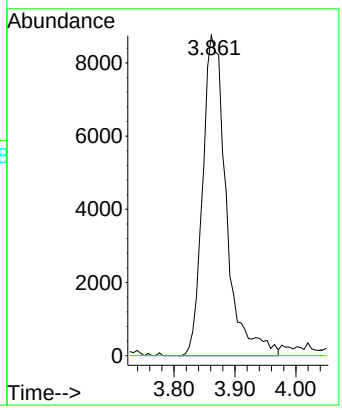


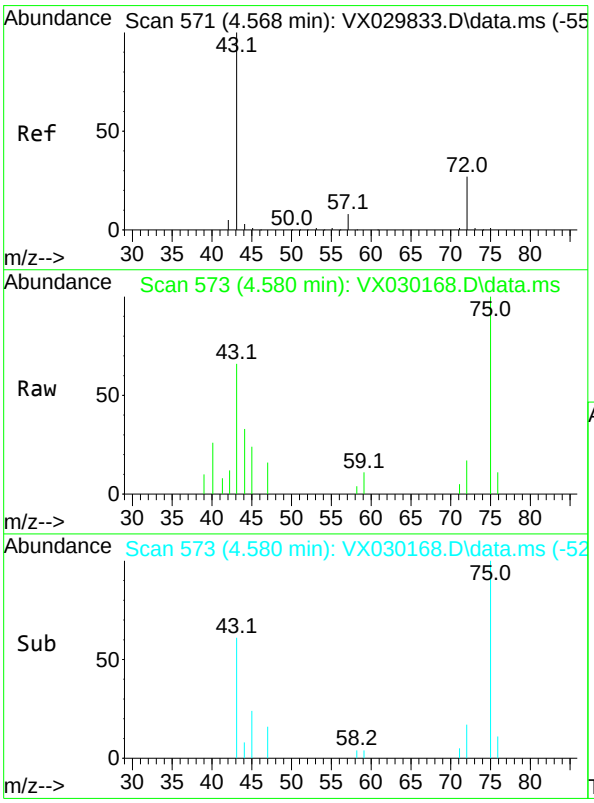
#23
Vinyl Acetate
Concen: 4.722 ug/l
RT: 3.861 min Scan# 4
Delta R.T. 0.134 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion: 43 Resp: 23491

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.5	12.7#

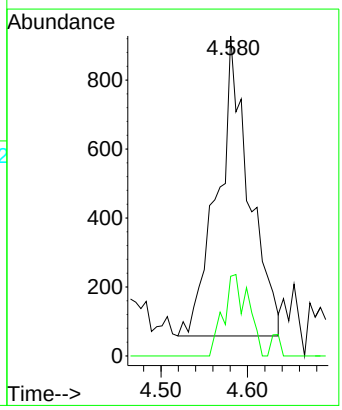


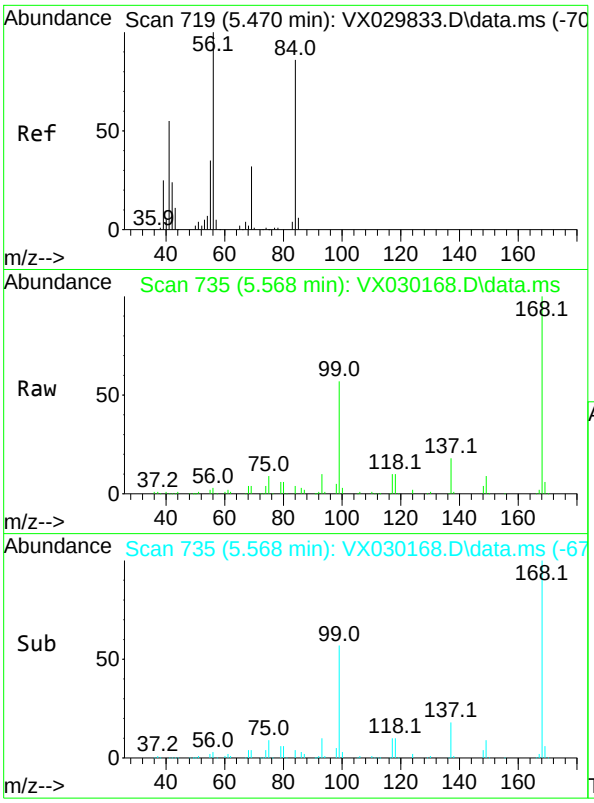


#25
2-Butanone
Concen: 1.338 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion: 43 Resp: 2204

Ion	Ratio	Lower	Upper
43	100		
72	26.6	21.7	32.5



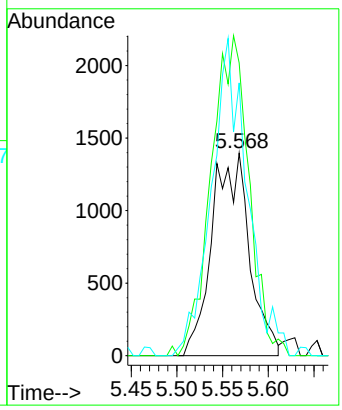


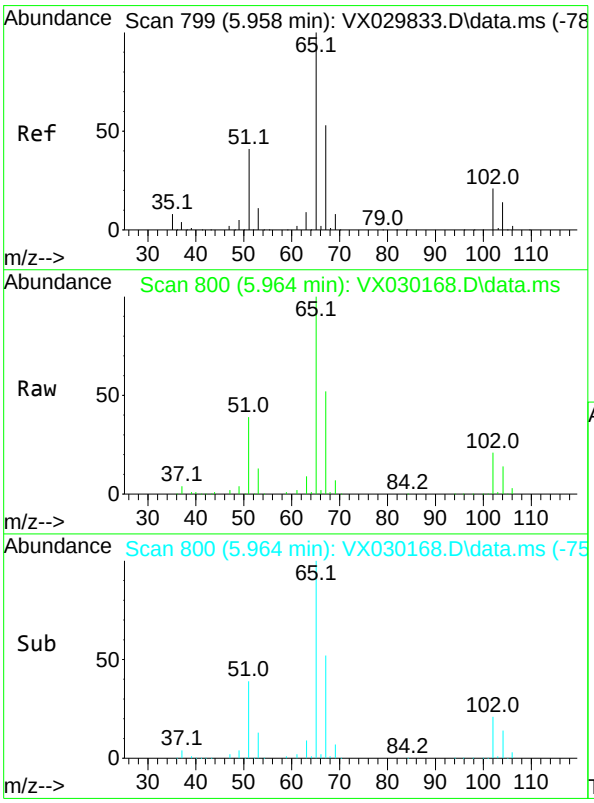
#31
Cyclohexane
Concen: 1.332 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.098 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion: 56 Resp: 3964

Ion	Ratio	Lower	Upper
56	100		
69	144.6	25.4	38.0#
84	131.1	68.9	103.3#

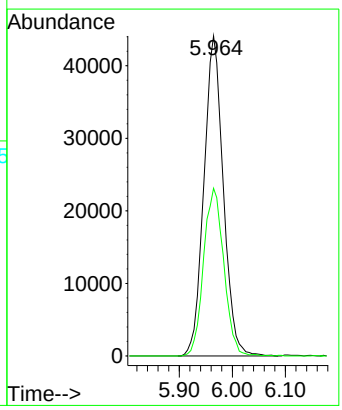


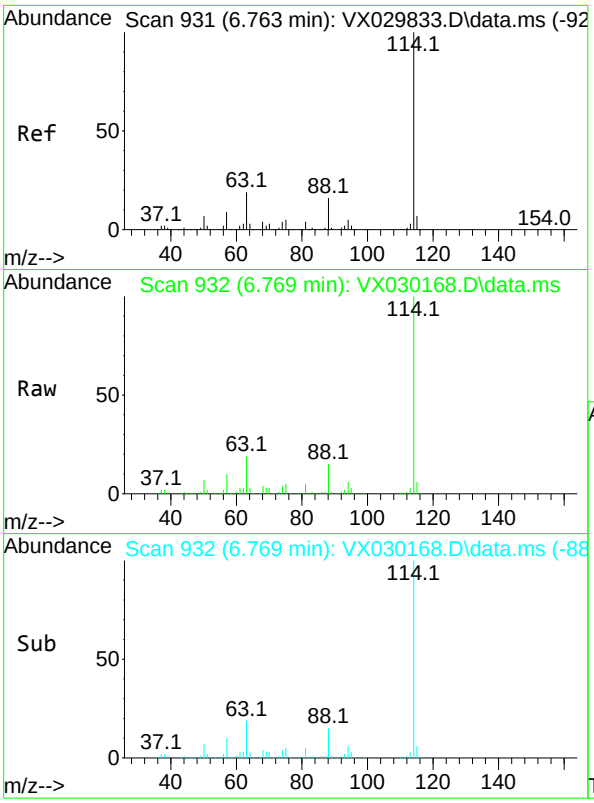


#33
1,2-Dichloroethane-d4
Concen: 54.579 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion: 65 Resp: 112025

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.6



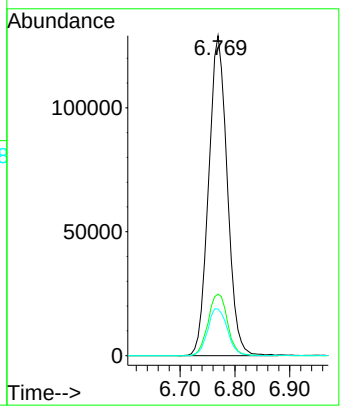


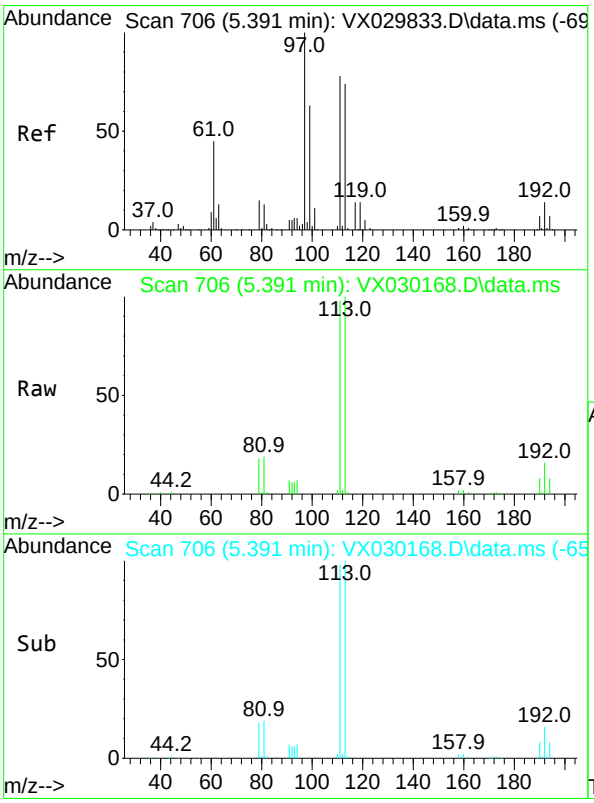
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion:114 Resp: 304377

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.4
88	14.6	0.0	31.8

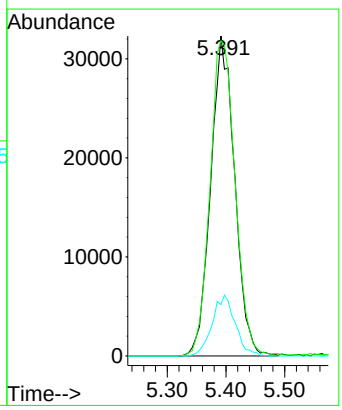


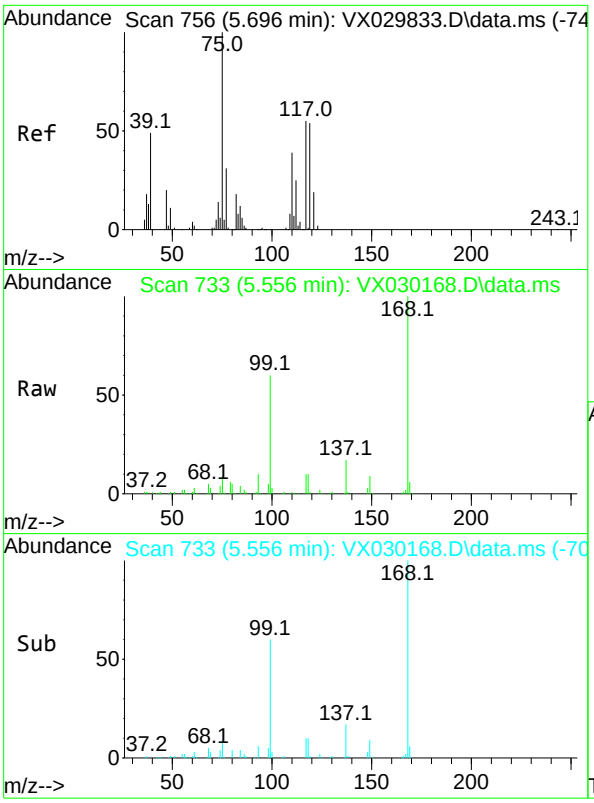


#35
Dibromofluoromethane
Concen: 46.958 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion:113 Resp: 91309

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.2	124.8
192	18.3	14.8	22.2



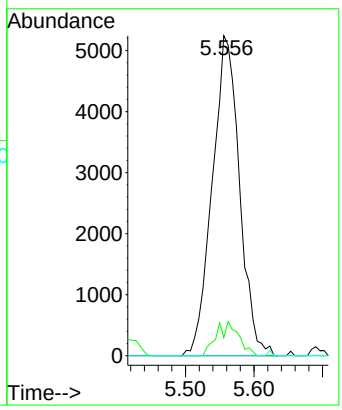


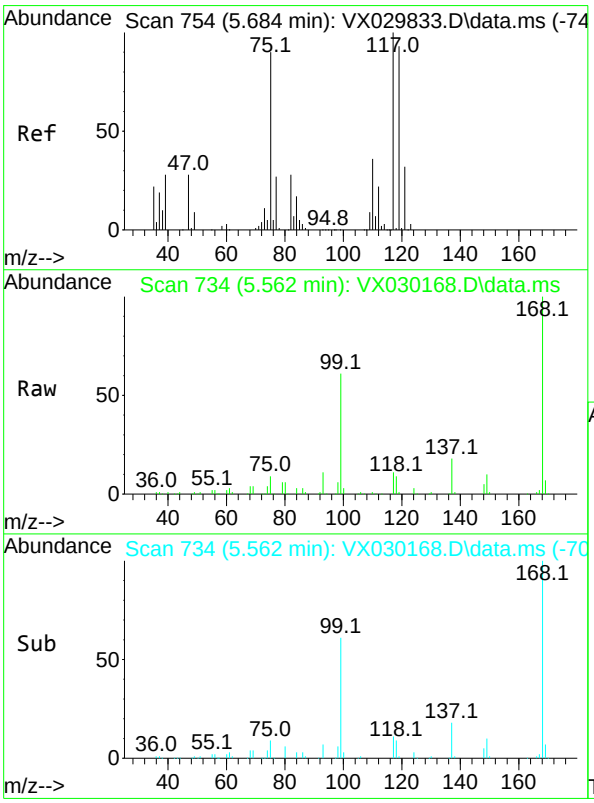
#36
1,1-Dichloropropene
Concen: 5.748 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion: 75 Resp: 14436

Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.3	57.9#
77	0.0	24.4	36.6#

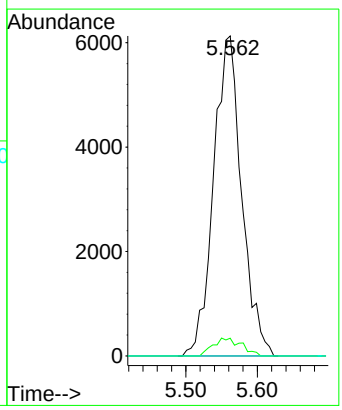


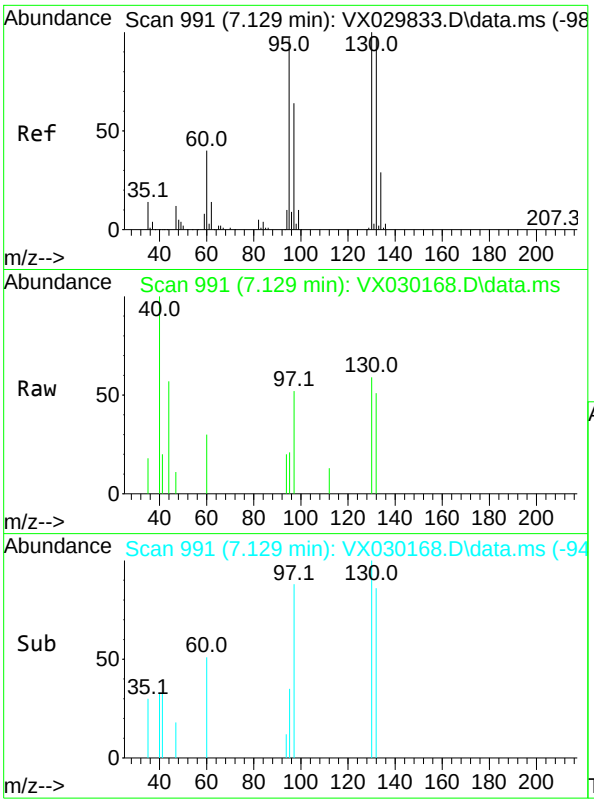


#38
Carbon Tetrachloride
Concen: 7.130 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion:117 Resp: 16701

Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.1	111.1#
121	0.0	25.8	38.8#



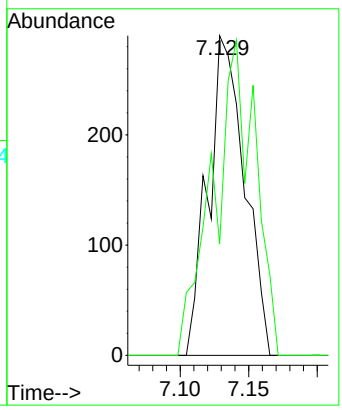


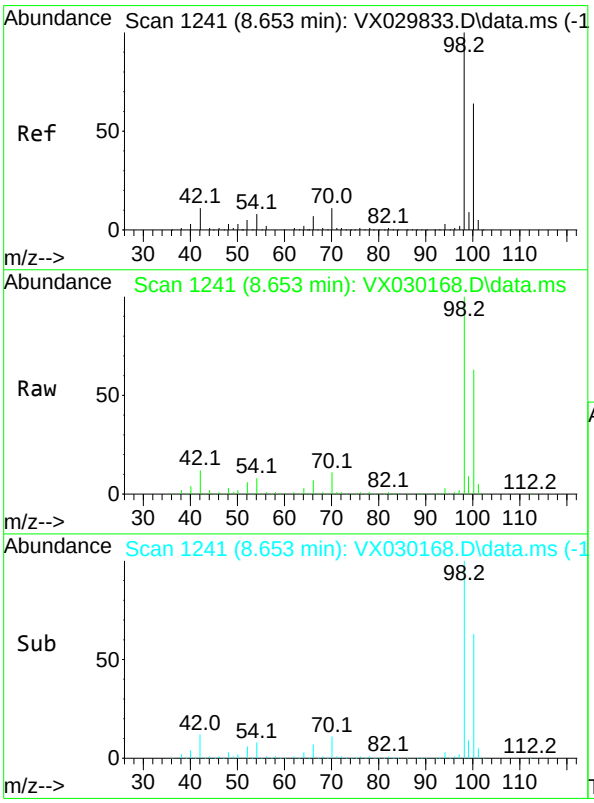
#44
Trichloroethene
Concen: 0.232 ug/l
RT: 7.129 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion:130 Resp: 535

Ion	Ratio	Lower	Upper
130	100		
95	34.8	0.0	194.8

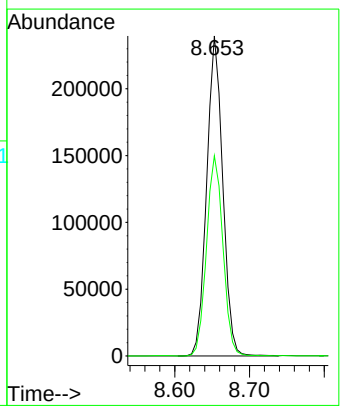


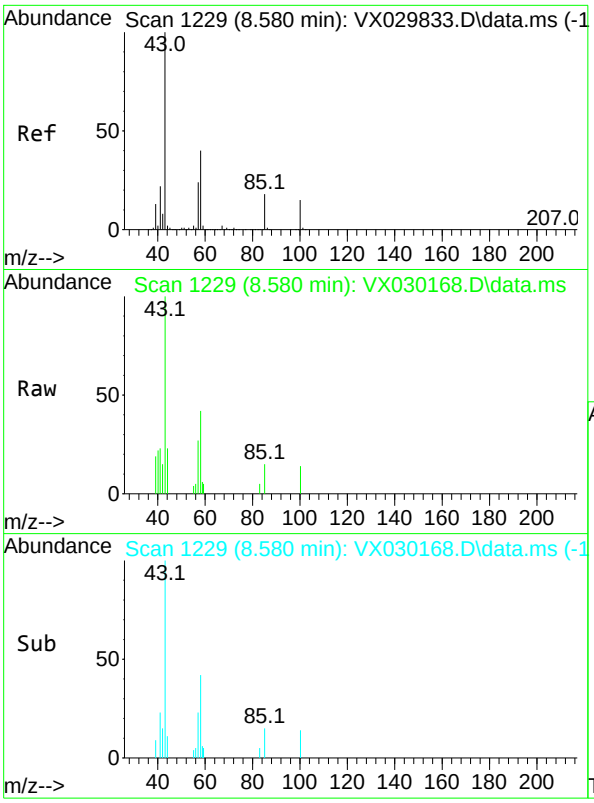


#50
Toluene-d8
Concen: 48.872 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion: 98 Resp: 357407

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.3	78.5



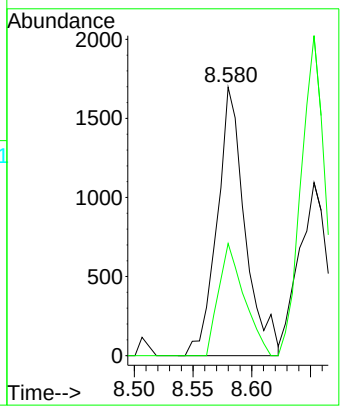


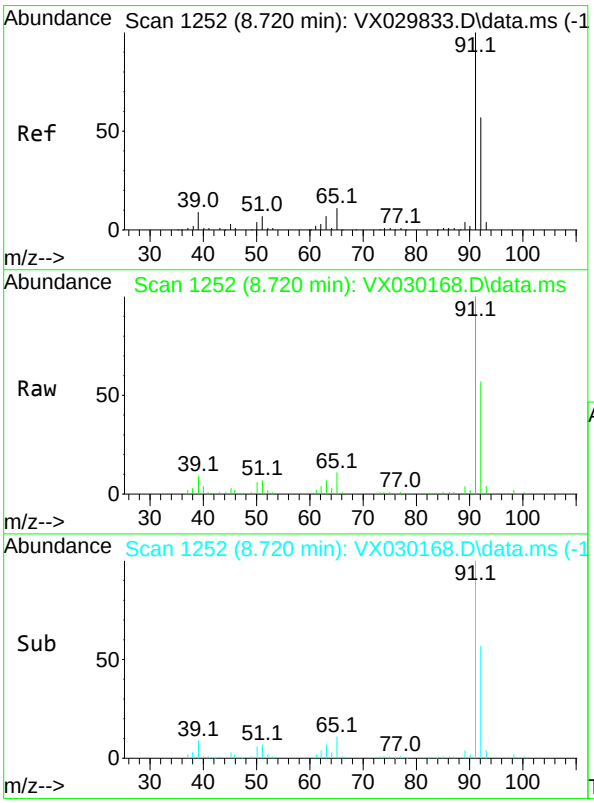
#51
4-Methyl-2-Pentanone
Concen: 0.875 ug/l
RT: 8.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion: 43 Resp: 2811

Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.4	47.2

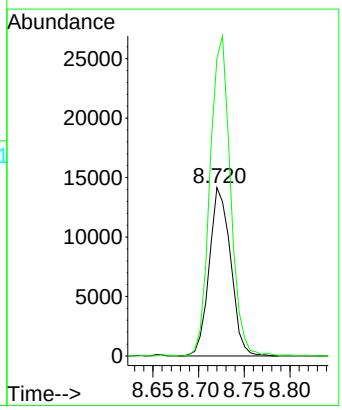


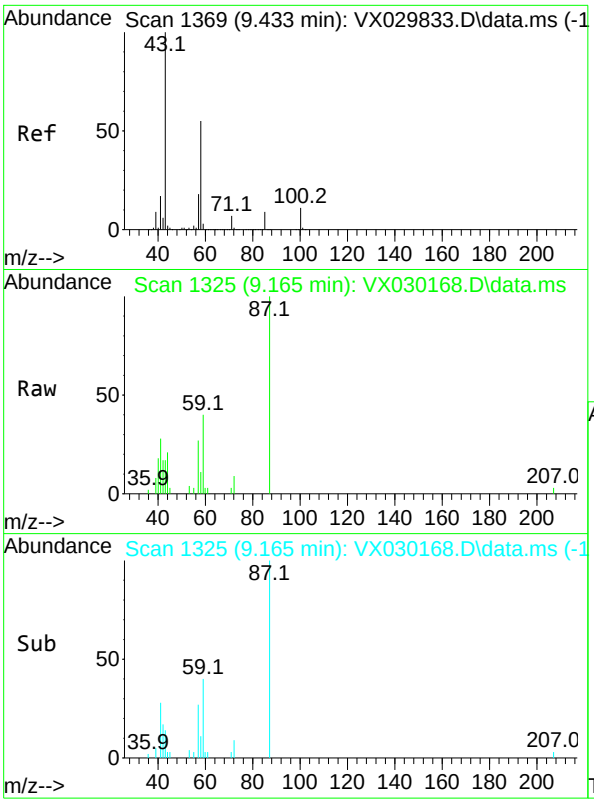


#52
Toluene
Concen: 4.580 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion: 92 Resp: 22992

Ion	Ratio	Lower	Upper
92	100		
91	182.6	139.2	208.8



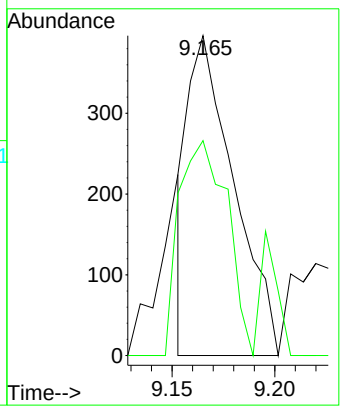


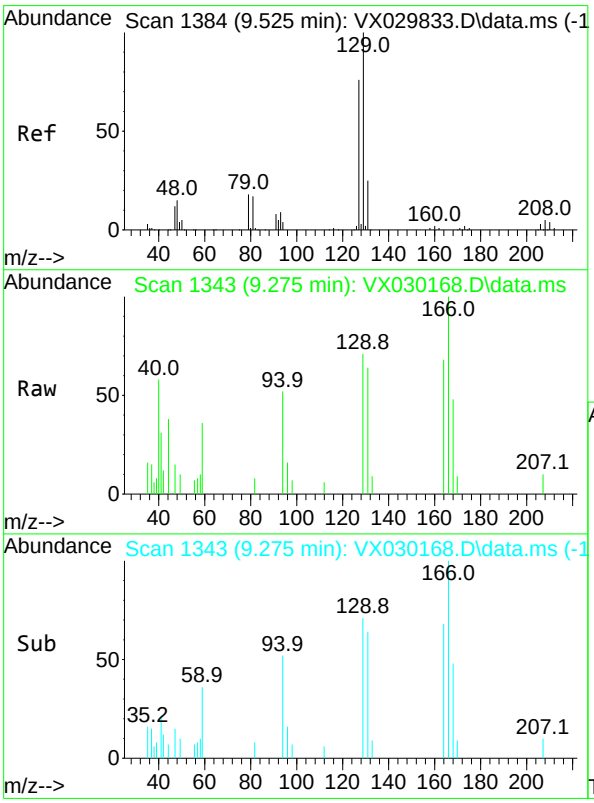
#59
2-Hexanone
Concen: 0.251 ug/l
RT: 9.165 min Scan# 1
Delta R.T. -0.268 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion: 43 Resp: 617

Ion	Ratio	Lower	Upper
43	100		
58	58.3	27.6	82.8

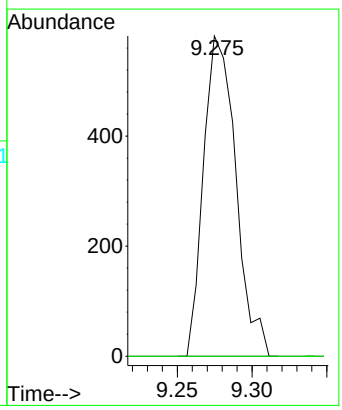


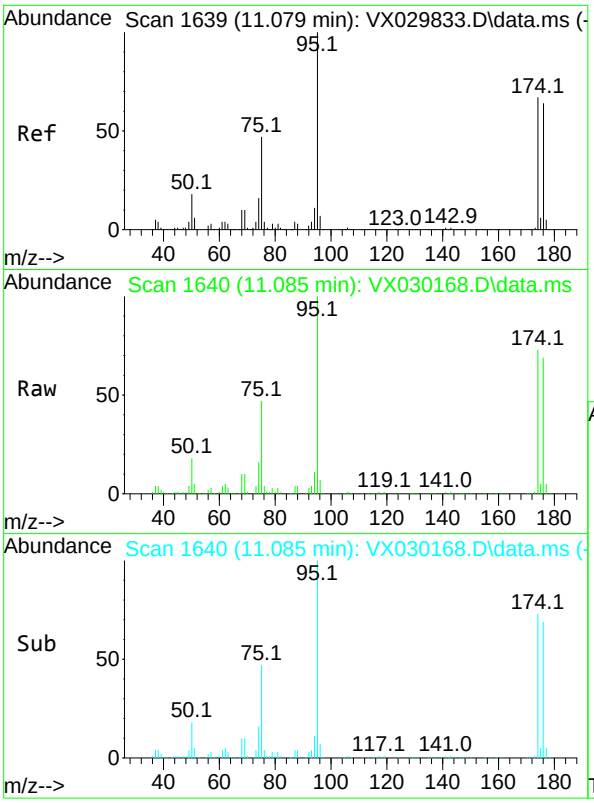


#60
Dibromochloromethane
Concen: 0.433 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion:129 Resp: 874

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#



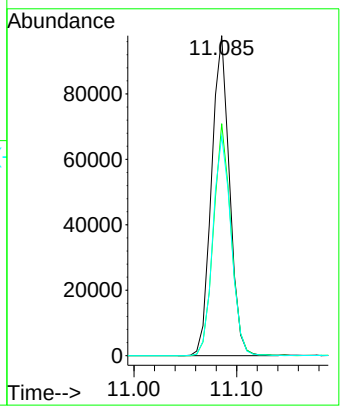


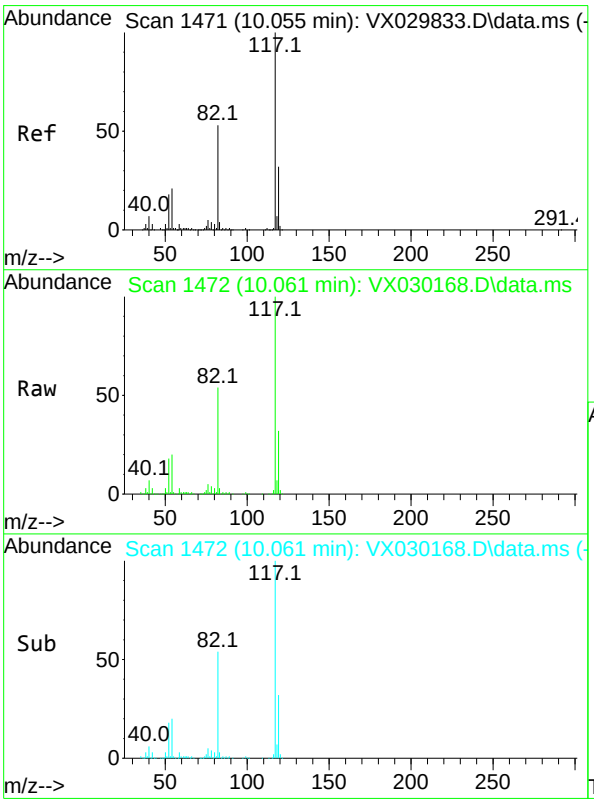
#62
4-Bromofluorobenzene
Concen: 46.904 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion: 95 Resp: 119035

Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	149.0
176	69.4	0.0	146.0

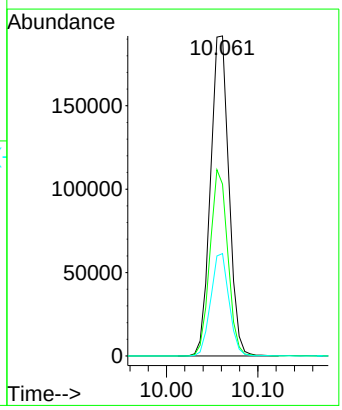


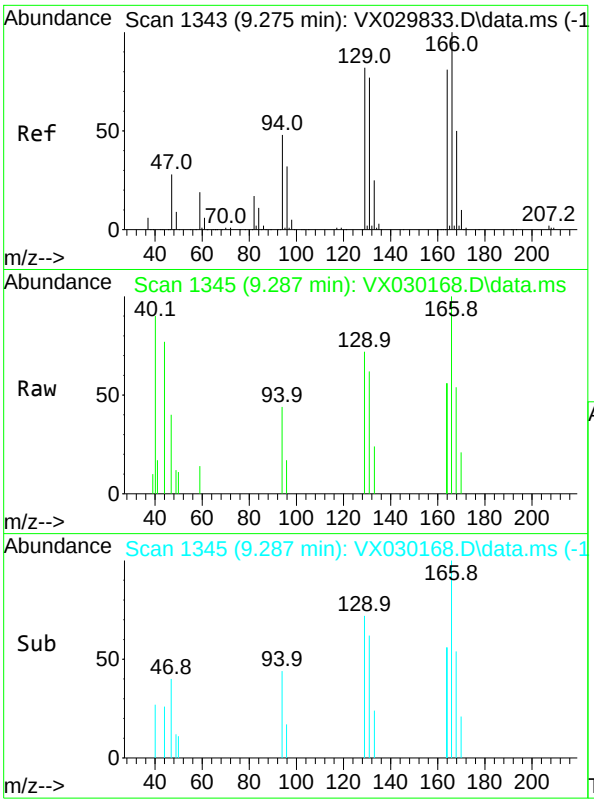


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion:117 Resp: 267736

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.7	64.1
119	32.0	25.4	38.2



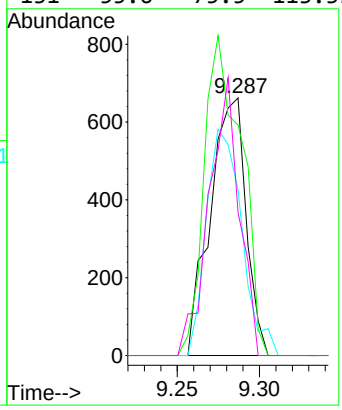


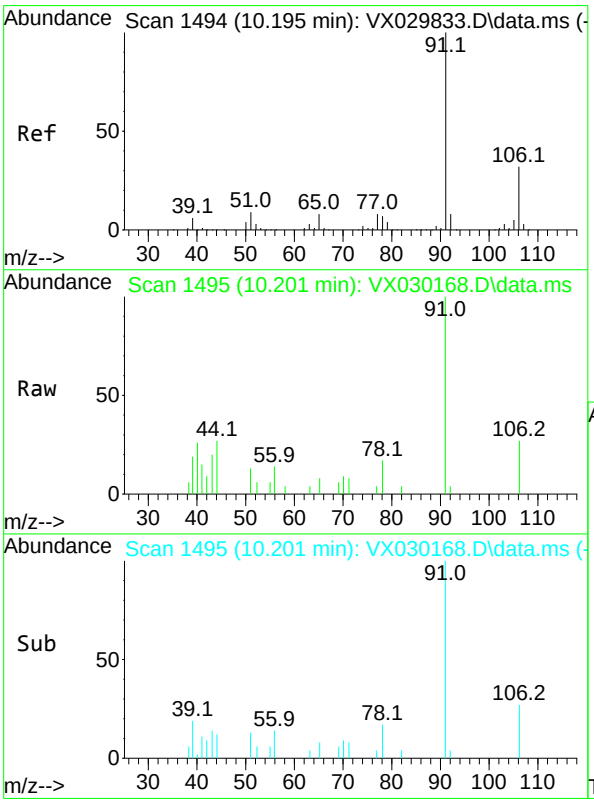
#64
Tetrachloroethene
Concen: 0.467 ug/l
RT: 9.287 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion:164 Resp: 1004

Ion	Ratio	Lower	Upper
164	100		
166	89.4	98.2	147.4#
129	64.4	80.8	121.2#
131	55.6	75.5	113.3#

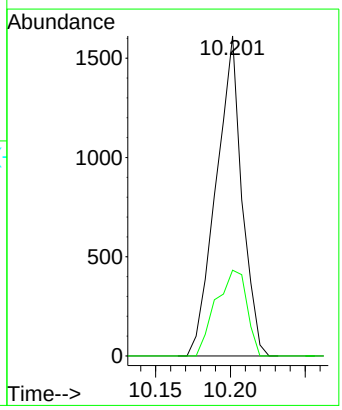


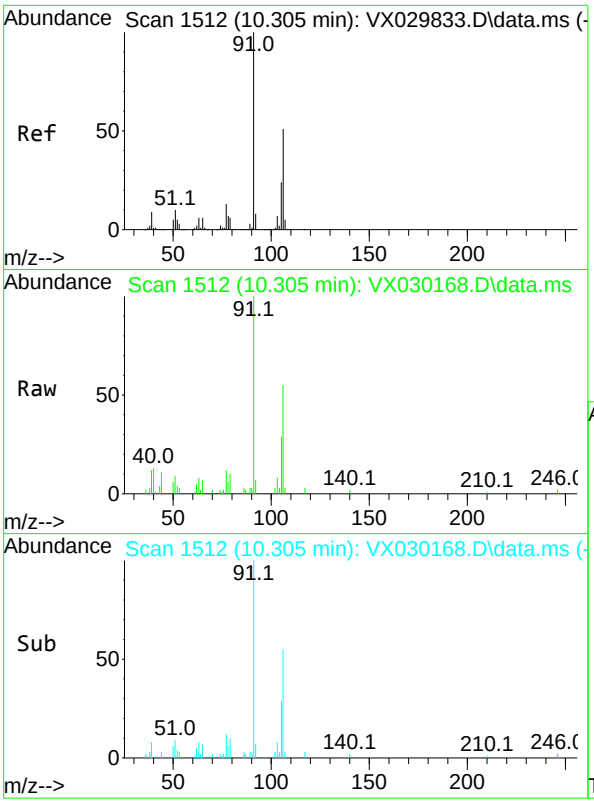


#67
Ethyl Benzene
Concen: 0.215 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion: 91 Resp: 1940

Ion	Ratio	Lower	Upper
91	100		
106	26.8	25.5	38.3



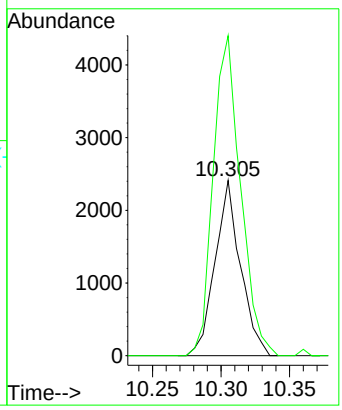


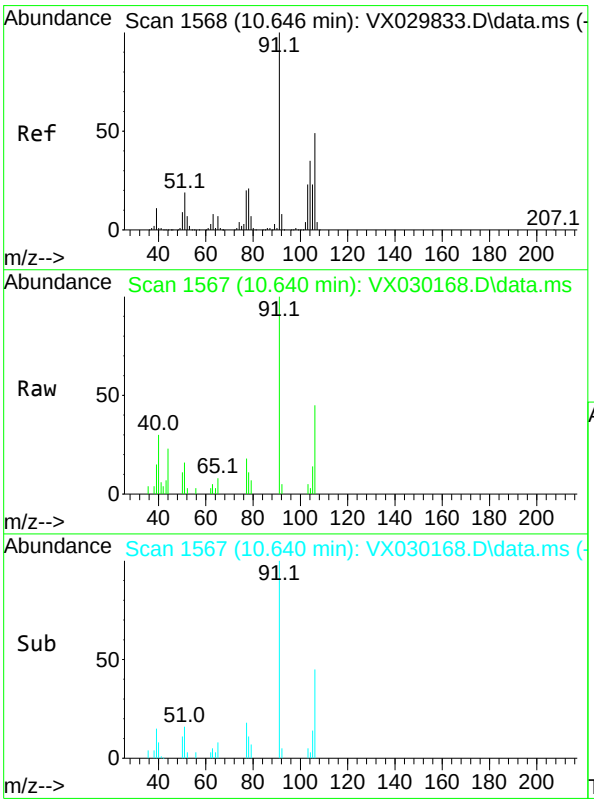
#68
m/p-Xylenes
Concen: 0.878 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion:106 Resp: 3113

Ion	Ratio	Lower	Upper
106	100		
91	196.2	158.2	237.4

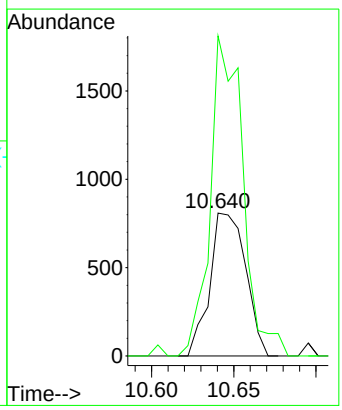


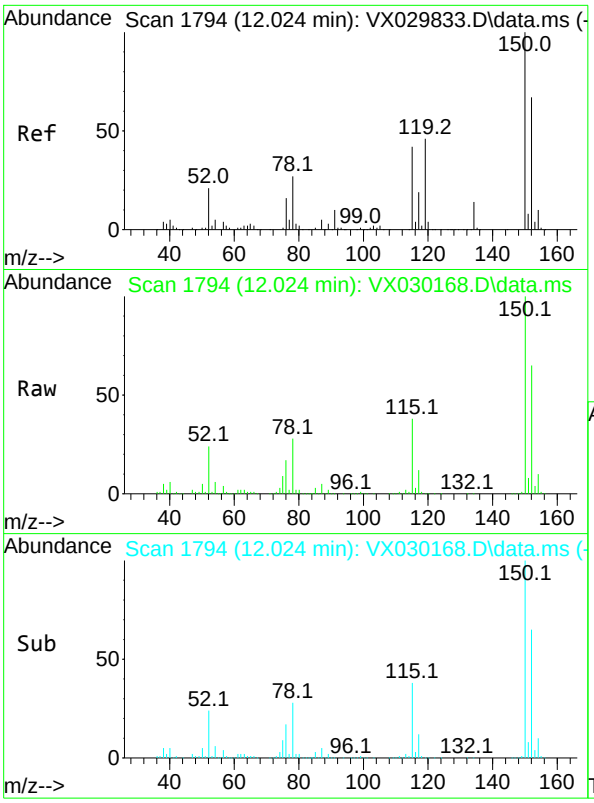


#69
o-Xylene
Concen: 0.346 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion:106 Resp: 1227

Ion	Ratio	Lower	Upper
106	100		
91	203.4	103.8	311.6



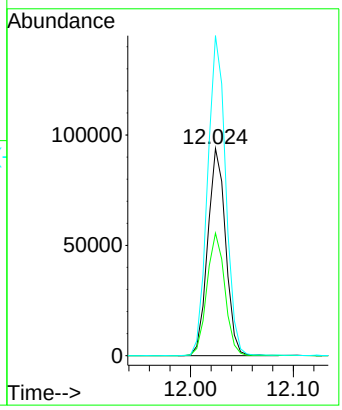


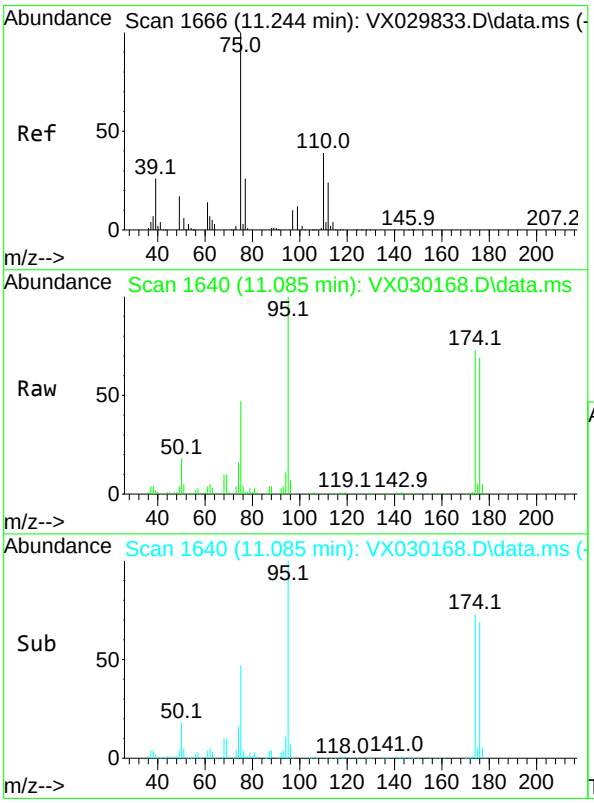
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion:152 Resp: 113646

Ion	Ratio	Lower	Upper
152	100		
115	59.3	40.5	121.5
150	156.7	0.0	347.0

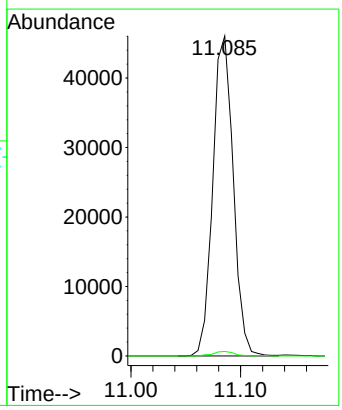


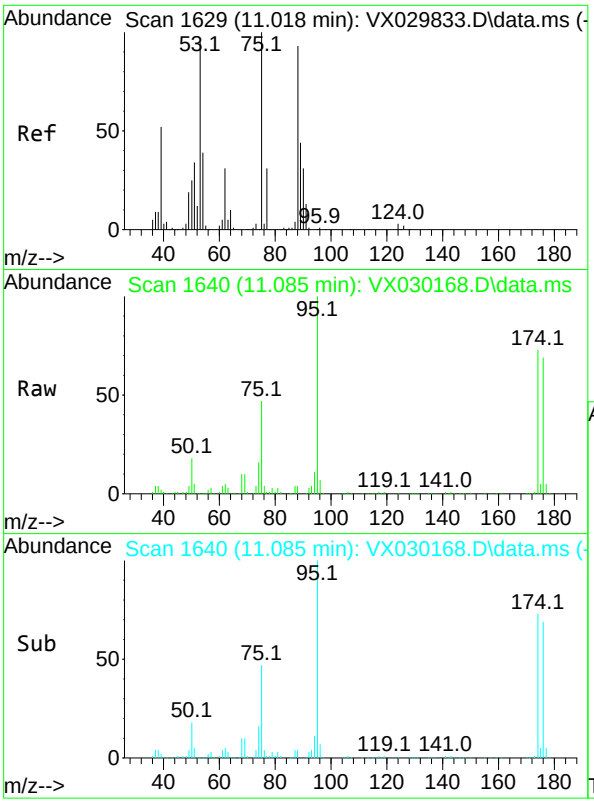


#76
1,2,3-Trichloropropane
Concen: 22.822 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion: 75 Resp: 59632

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.8	59.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.863 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

Tgt Ion: 75 Resp: 59632

Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.2	111.4#
89	0.0	34.8	52.2#