Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
Data File : VX027017.D
Acq On : 14 Feb 2022 16:29
Operator : JC/MD
Sample : N1486-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
X3941

Quant Time: Feb 15 05:20:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM021422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 15 05:10:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	121957	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	118998	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	57364	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	40429	37.347	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.700%			
7) Chloroethane-d5	1.666	69	21232	30.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 61.140%#			
11) 1,1-Dichloroethene-d2	2.306	63	63034	30.368	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.740%			
21) 2-Butanone-d5	4.458	46	78178	103.967	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.970%			
24) Chloroform-d	5.056	84	87418	43.001	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.000%			
26) 1,2-Dichloroethane-d4	5.952	65	62145	47.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.340%			
32) Benzene-d6	5.976	84	179728	41.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.860%			
36) 1,2-Dichloropropane-d6	7.306	67	57087	44.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.660%			
41) Toluene-d8	8.647	98	167284	42.651	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.300%			
43) trans-1,3-Dichloroprop...	8.952	79	24140	41.579	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.160%			
47) 2-Hexanone-d5	9.391	63	53539	97.253	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.250%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	68070	45.233	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.460%			
66) 1,2-Dichlorobenzene-d4	12.323	152	60206	46.204	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	16510	12.613	ug/L	98
3) Chloromethane	1.294	50	35141	34.112	ug/L	100
6) Bromomethane	1.618	94	17003	38.592	ug/L	97
9) Trichlorofluoromethane	1.886	101	33073	22.955	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	32328	34.804	ug/L	99
13) Acetone	2.386	43	260748	412.034	ug/L	100
15) Methyl Acetate	2.703	43	118630	121.349	ug/L	99
16) Methylene chloride	2.794	84	22034	23.574	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	329391	118.877	ug/L	99
22) 2-Butanone	4.562	43	51658	63.732	ug/L	99
27) 1,2-Dichloroethane	6.086	62	108683	81.566	ug/L	99
29) Cyclohexane	5.471	56	29959	18.363	ug/L	97
34) Trichloroethene	7.123	95	38379	34.895	ug/L	98
35) Methylcyclohexane	7.379	83	93406	56.197	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	210783	153.340	ug/L	100
42) Toluene	8.720	91	248881	60.287	ug/L	99
46) Tetrachloroethene	9.275	164	15373	18.878	ug/L	95
48) 2-Hexanone	9.433	43	121264	108.963	ug/L	99
51) Chlorobenzene	10.079	112	67322	25.467	ug/L	100

Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
Data File : VX027017.D
Acq On : 14 Feb 2022 16:29
Operator : JC/MD
Sample : N1486-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
X3941

Quant Time: Feb 15 05:20:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM021422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 15 05:10:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	10.195	91	134731	30.340	ug/L	98
53) m,p-Xylene	10.299	106	143249	81.824	ug/L	96
54) o-Xylene	10.640	106	68980	41.190	ug/L	99
55) Styrene	10.659	104	172407	60.789	ug/L	93
60) Isopropylbenzene	10.963	105	220087	53.102	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	38331	20.660	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	39256	22.023	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	23305	20.835	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	74331	66.462	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
Data File : VX027017.D
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ClientSampleId :
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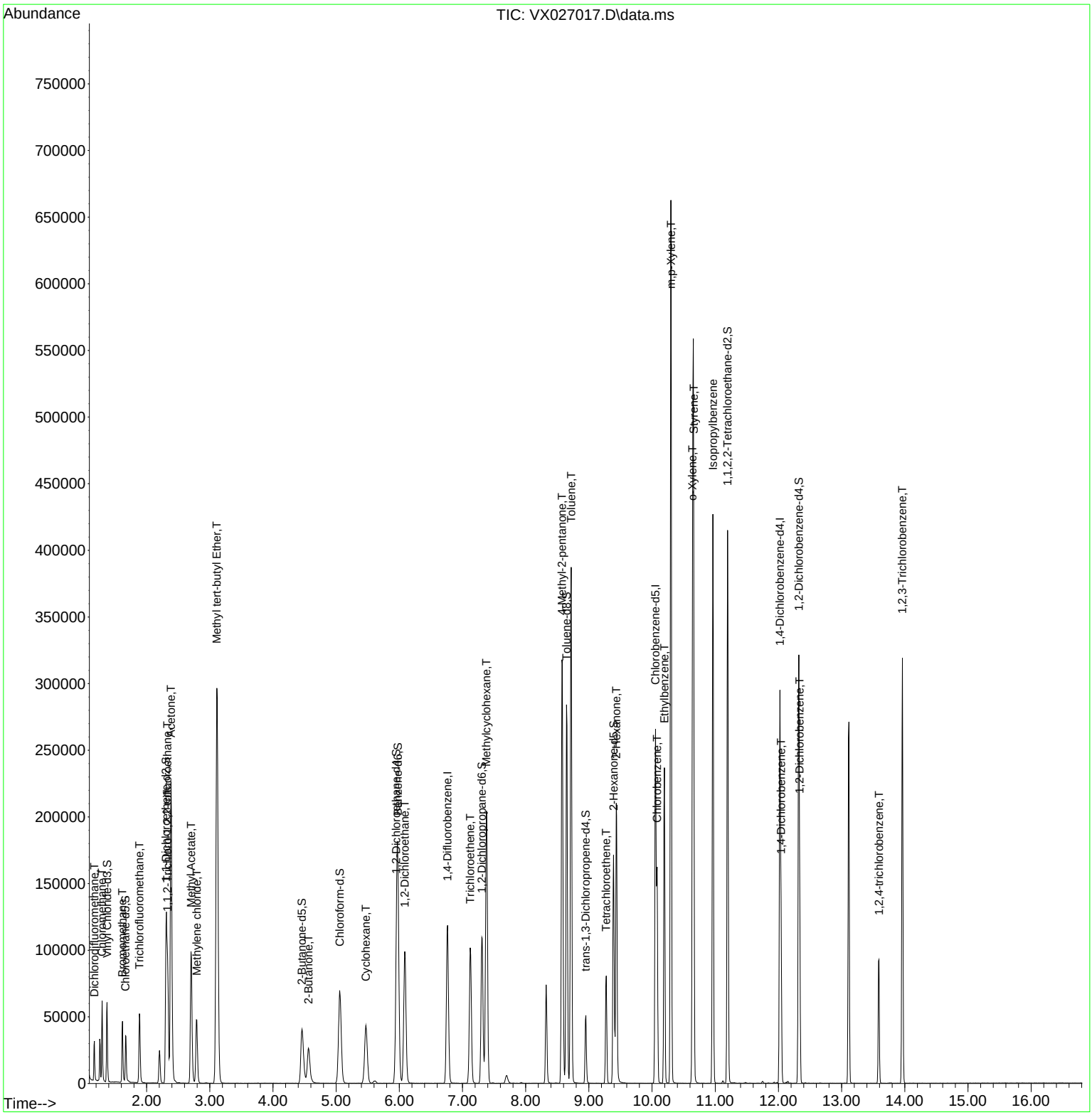
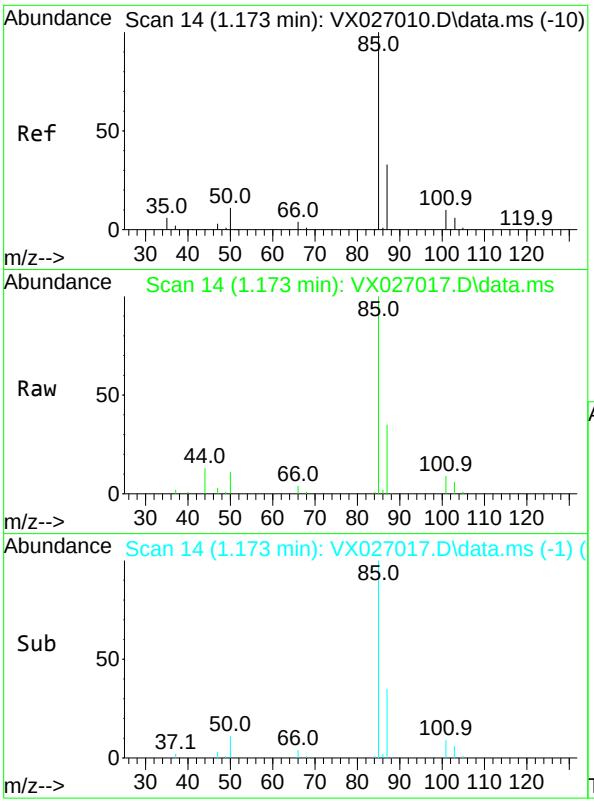
Quant Time: Feb 15 05:20:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM021422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 15 05:10:18 2022
Response via : Initial Calibration



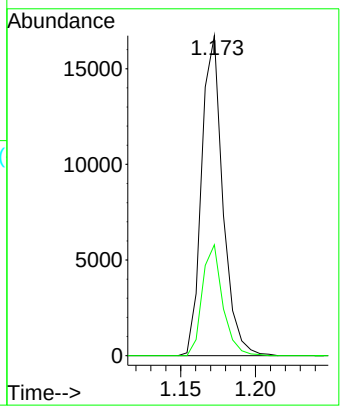


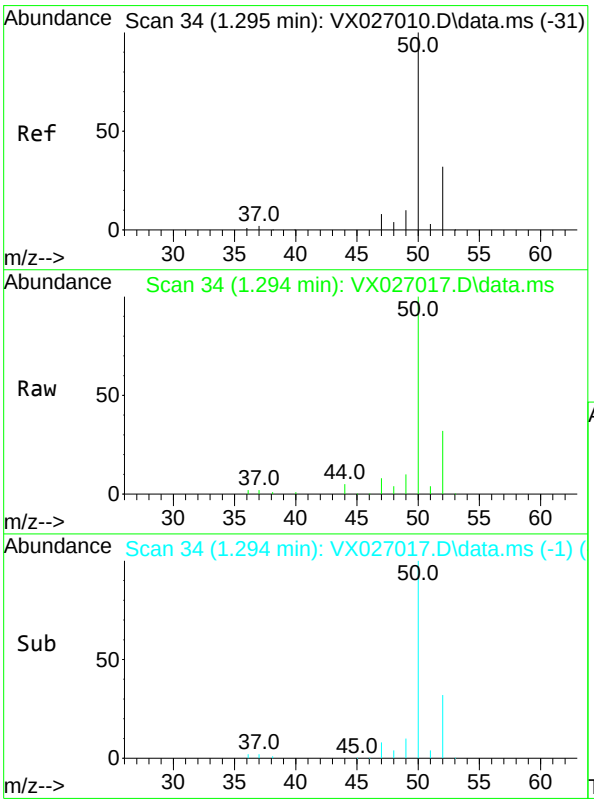
#2
Dichlorodifluoromethane
Concen: 12.613 ug/L
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion: 85 Resp: 16510

Ion	Ratio	Lower	Upper
85	100		
87	33.3	25.9	38.9

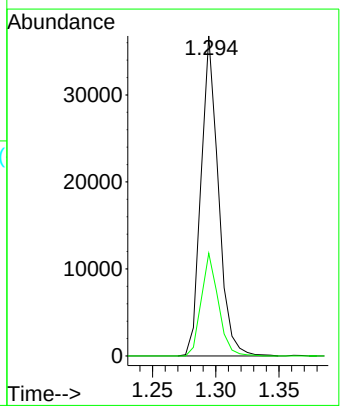


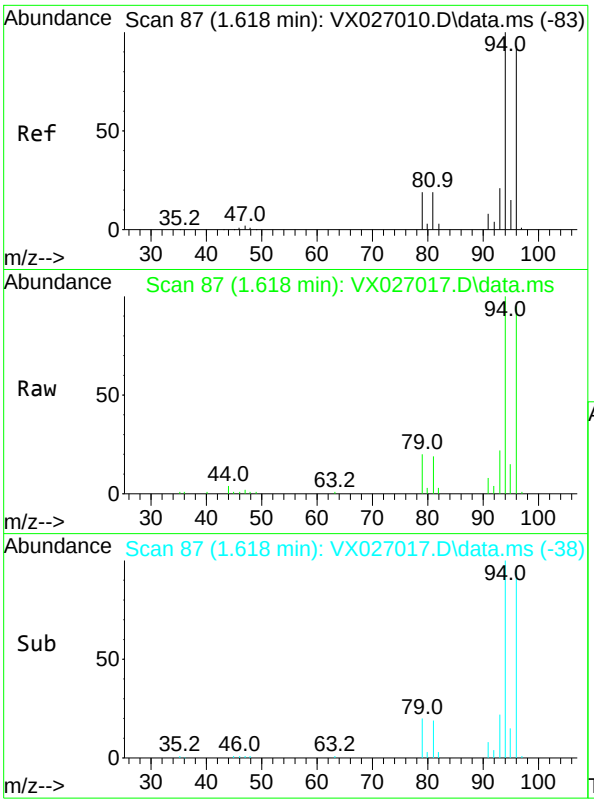


#3
Chloromethane
Concen: 34.112 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion: 50 Resp: 35141

Ion	Ratio	Lower	Upper
50	100		
52	32.1	22.5	41.7



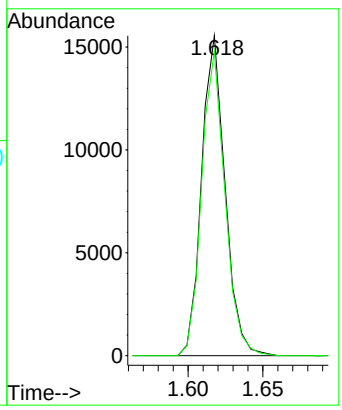


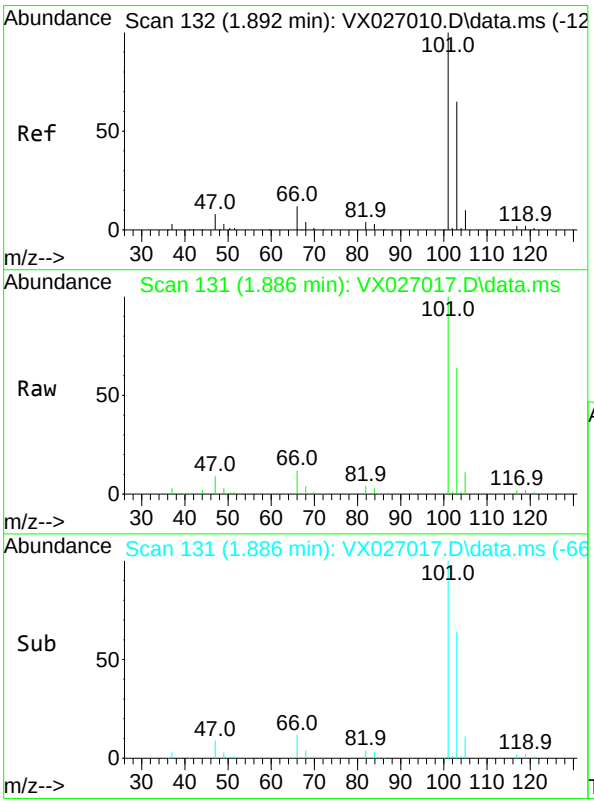
#6
Bromomethane
Concen: 38.592 ug/L
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion: 94 Resp: 17003

Ion	Ratio	Lower	Upper
94	100		
96	95.1	64.9	120.5

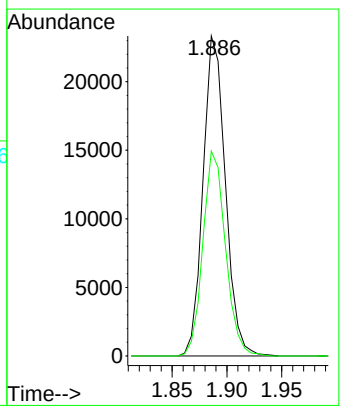


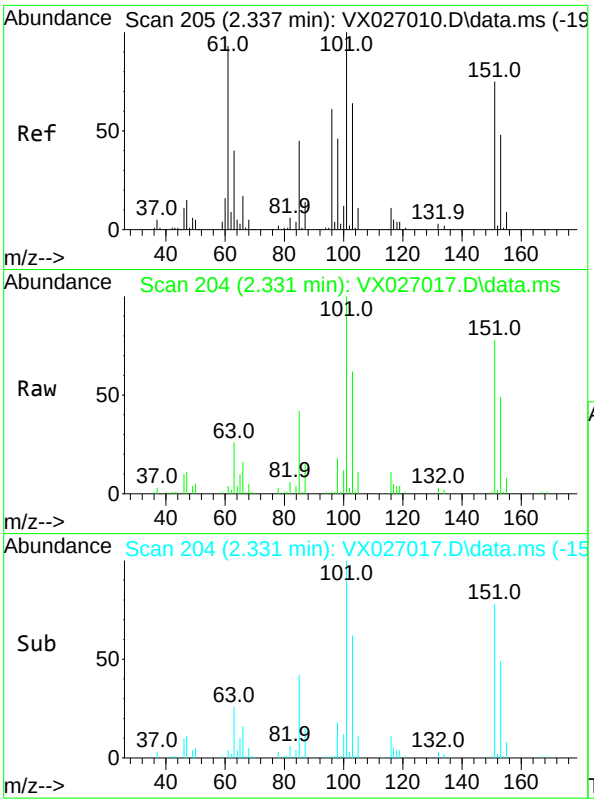


#9
Trichlorofluoromethane
Concen: 22.955 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion:101 Resp: 33073

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.8



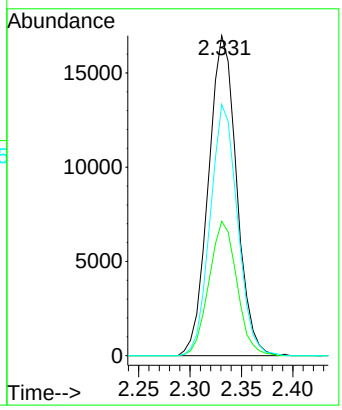


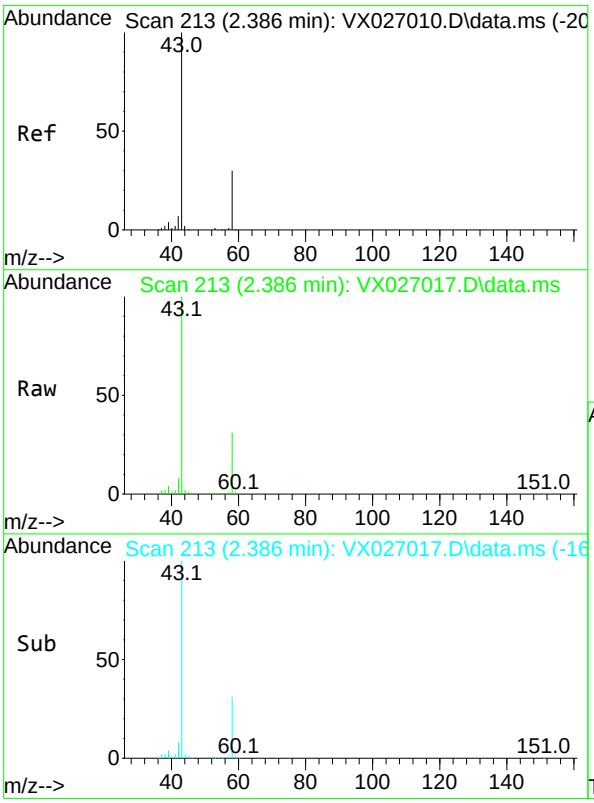
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 34.804 ug/L
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion:101 Resp: 32328

Ion	Ratio	Lower	Upper
101	100		
85	41.5	33.9	50.9
151	76.2	60.7	91.1

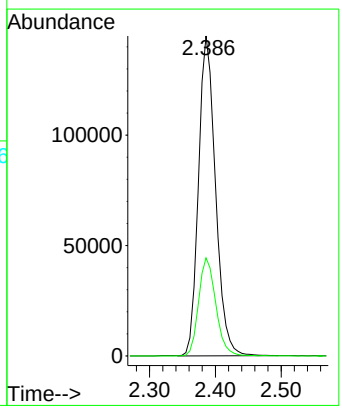


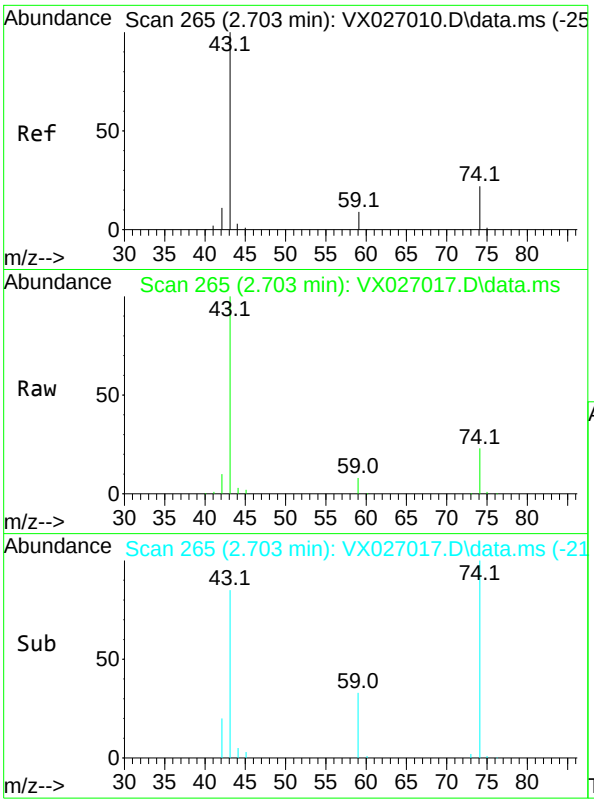


#13
Acetone
Concen: 412.034 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion: 43 Resp: 260748

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	61.4



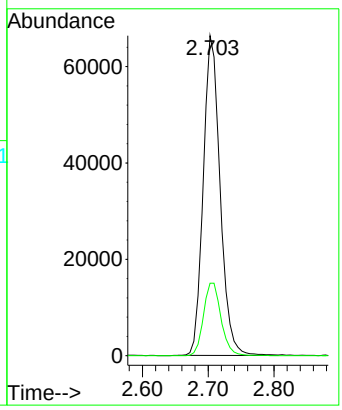


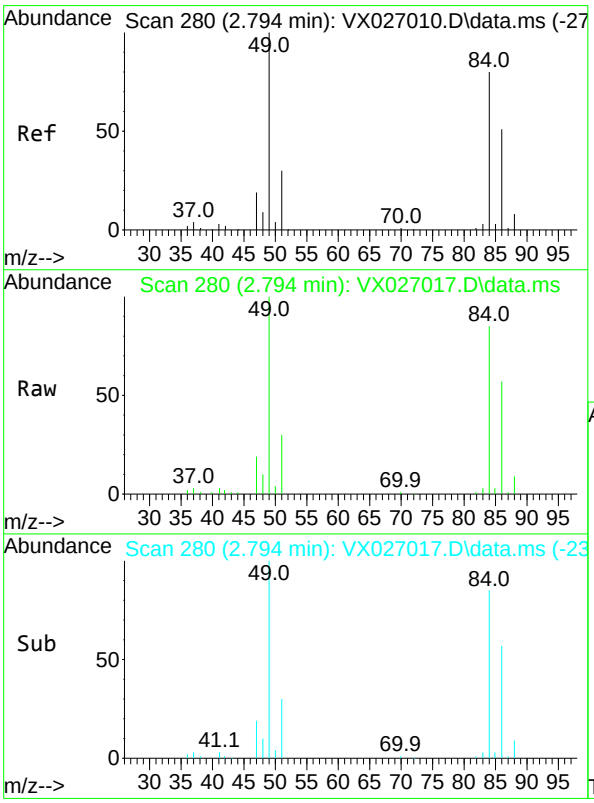
#15
Methyl Acetate
Concen: 121.349 ug/L
RT: 2.703 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion: 43 Resp: 118630

Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.2	27.4

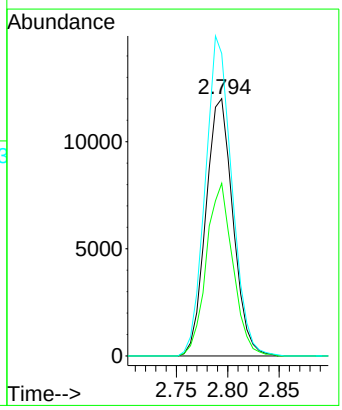


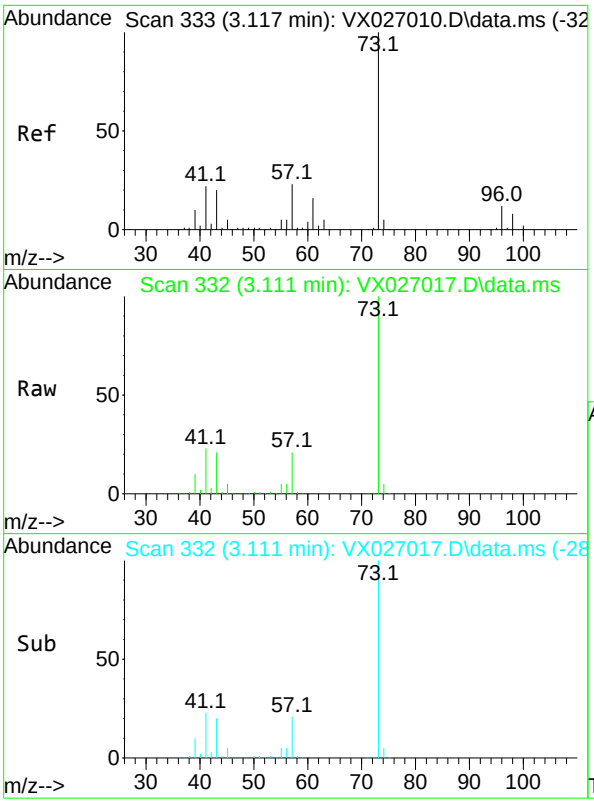


#16
Methylene chloride
Concen: 23.574 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion: 84 Resp: 22034

Ion	Ratio	Lower	Upper
84	100		
86	67.1	44.8	83.2
49	117.6	87.0	161.6



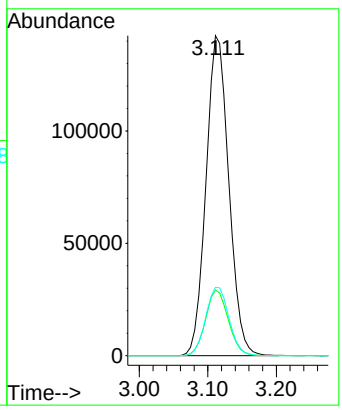


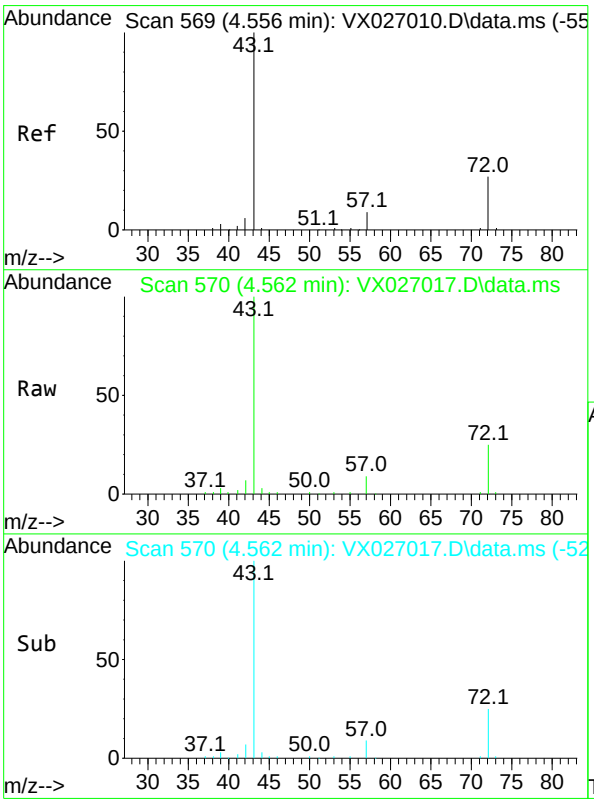
#18
Methyl tert-butyl Ether
Concen: 118.877 ug/L
RT: 3.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion: 73 Resp: 329391

Ion	Ratio	Lower	Upper
73	100		
43	20.5	16.2	24.4
57	21.9	17.1	25.7

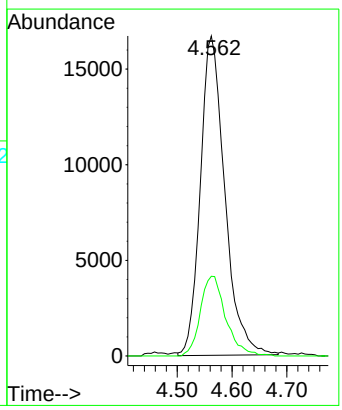


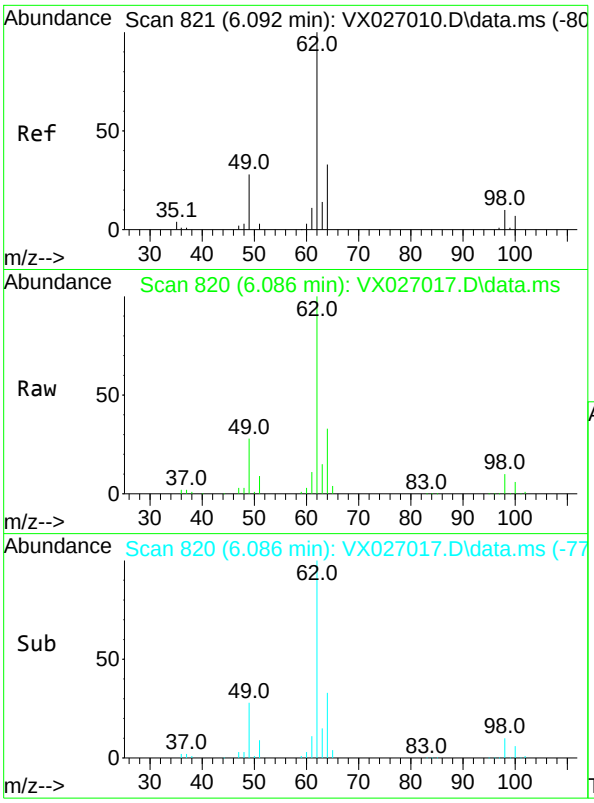


#22
2-Butanone
Concen: 63.732 ug/L
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion: 43 Resp: 51658

Ion	Ratio	Lower	Upper
43	100		
72	25.8	13.2	39.5



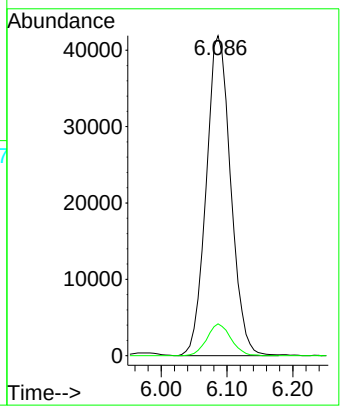


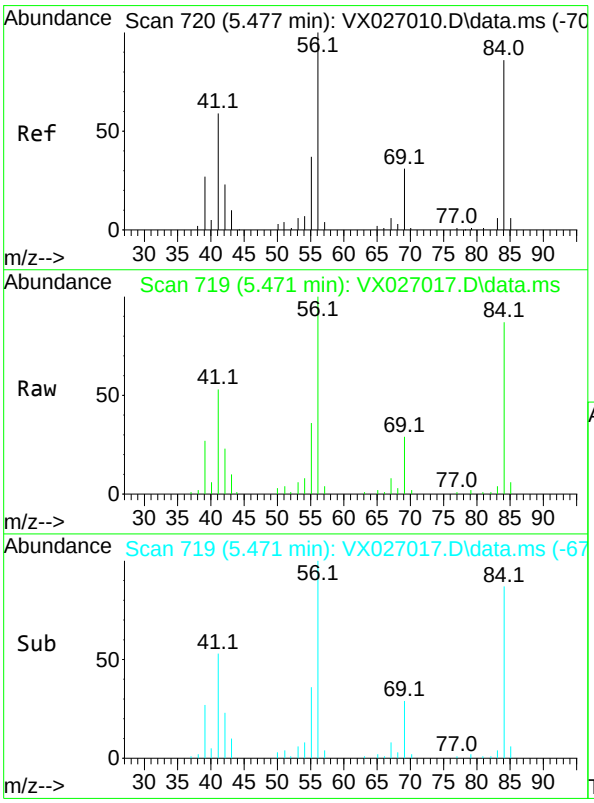
#27
1,2-Dichloroethane
Concen: 81.566 ug/L
RT: 6.086 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion: 62 Resp: 108683

Ion	Ratio	Lower	Upper
62	100		
98	9.9	8.2	12.2

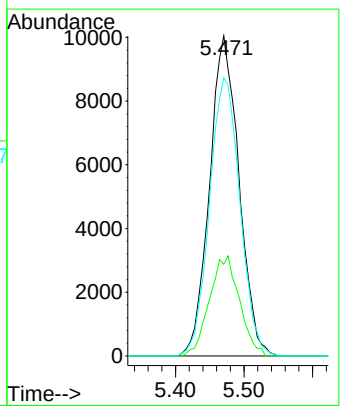


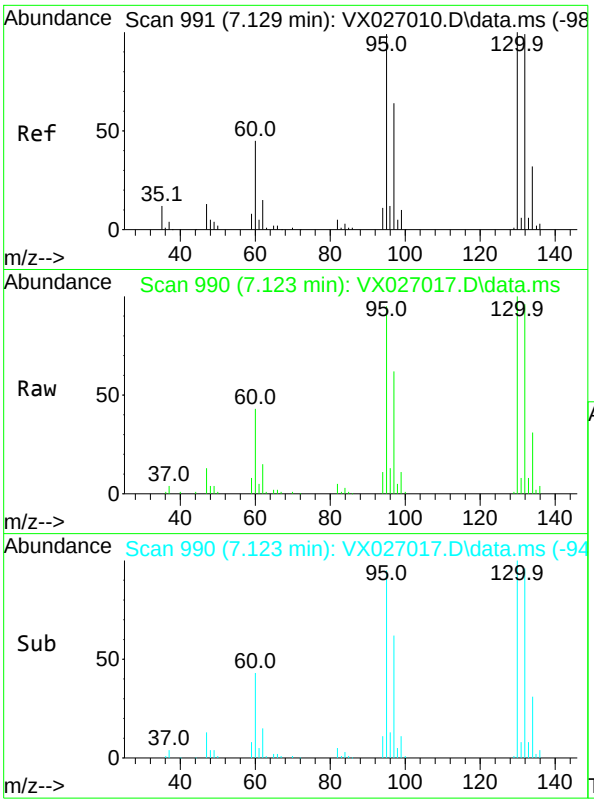


#29
Cyclohexane
Concen: 18.363 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion: 56 Resp: 29959

Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.6	36.8
84	89.8	69.8	104.8



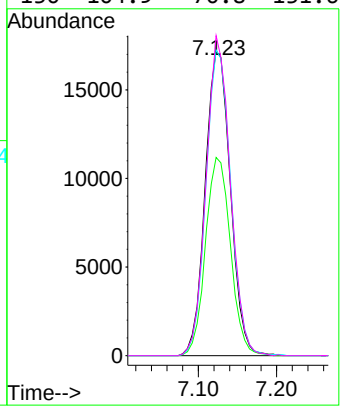


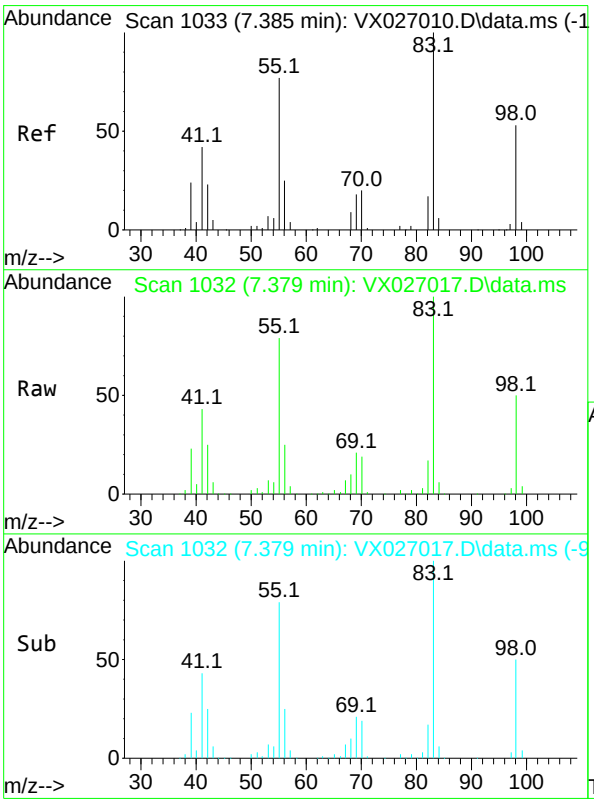
#34
Trichloroethene
Concen: 34.895 ug/L
RT: 7.123 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion: 95 Resp: 38379

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.5	84.5
132	100.3	69.9	129.7
130	104.9	70.8	131.6

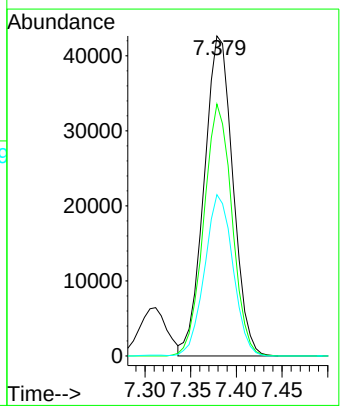


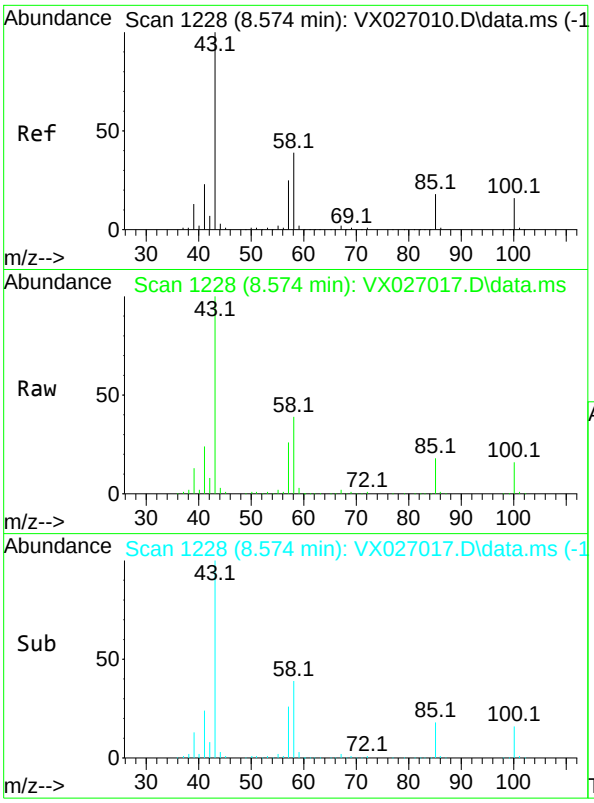


#35
Methylcyclohexane
Concen: 56.197 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion: 83 Resp: 93406

Ion	Ratio	Lower	Upper
83	100		
55	77.0	60.6	90.8
98	49.6	39.8	59.8



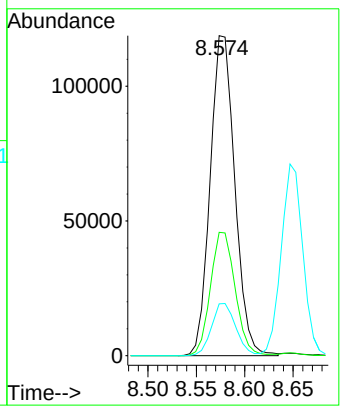


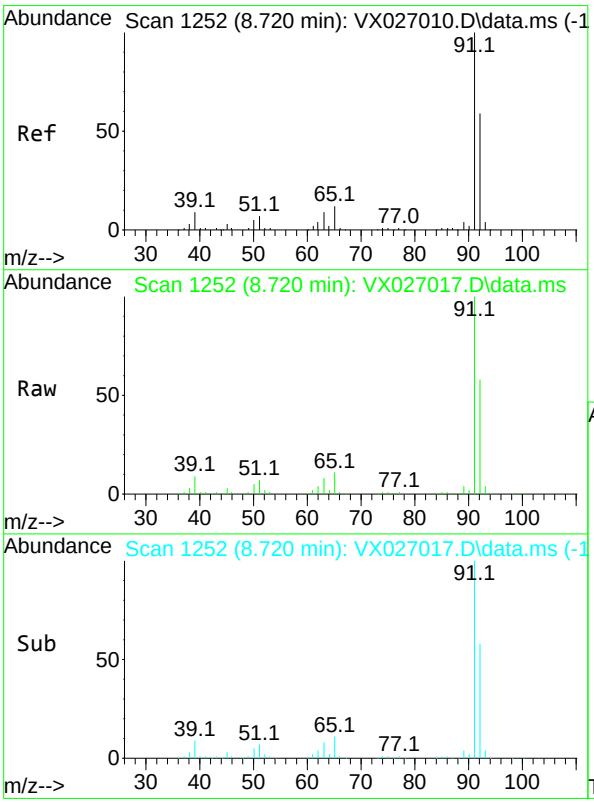
#40
4-Methyl-2-pentanone
Concen: 153.340 ug/L
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion: 43 Resp: 210783

Ion	Ratio	Lower	Upper
43	100		
58	38.6	31.0	46.6
100	16.0	13.0	19.4

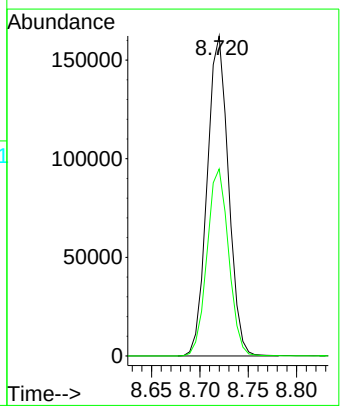


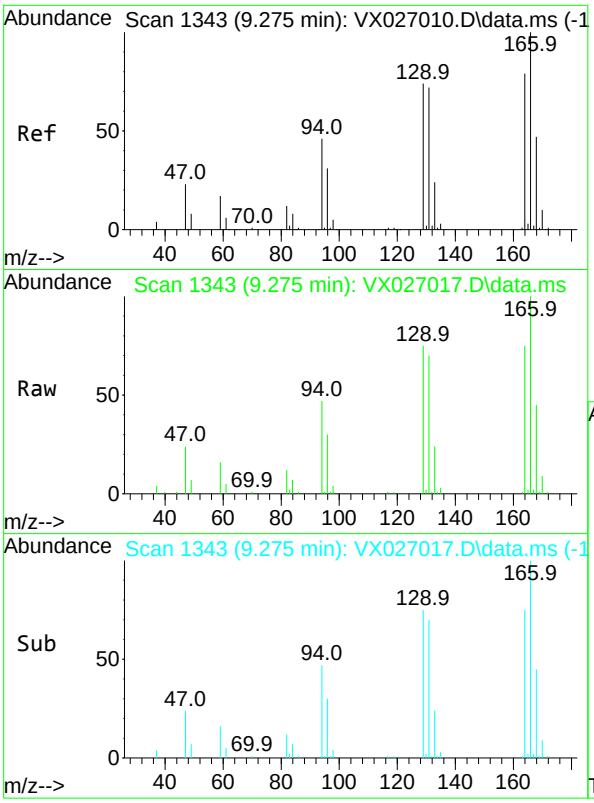


#42
Toluene
Concen: 60.287 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion: 91 Resp: 248881

Ion	Ratio	Lower	Upper
91	100		
92	58.5	41.5	77.1



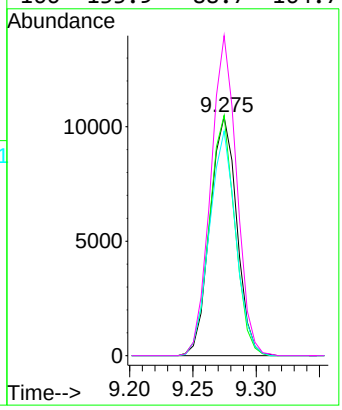


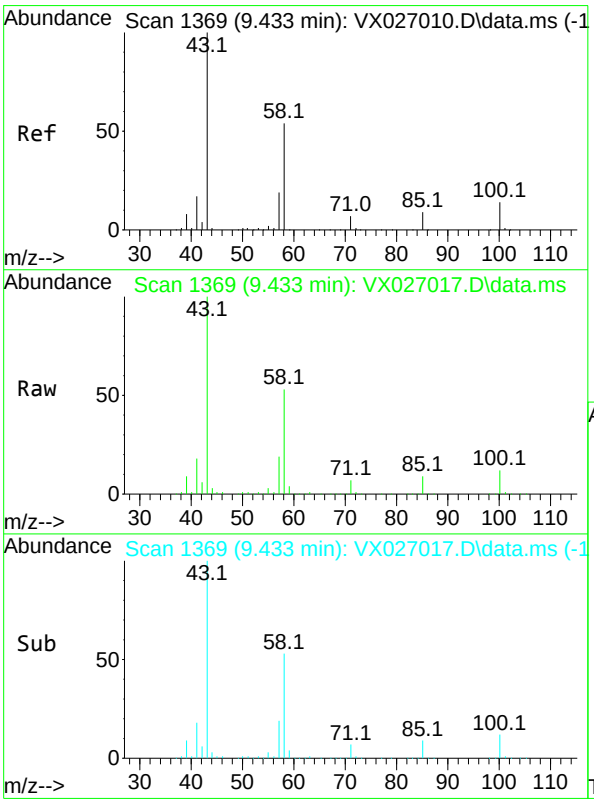
#46
Tetrachloroethene
Concen: 18.878 ug/L
RT: 9.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion:164 Resp: 15373

Ion	Ratio	Lower	Upper
164	100		
129	100.5	65.5	121.7
131	94.0	64.3	119.3
166	133.9	88.7	164.7

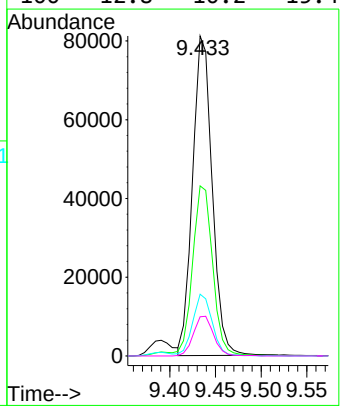


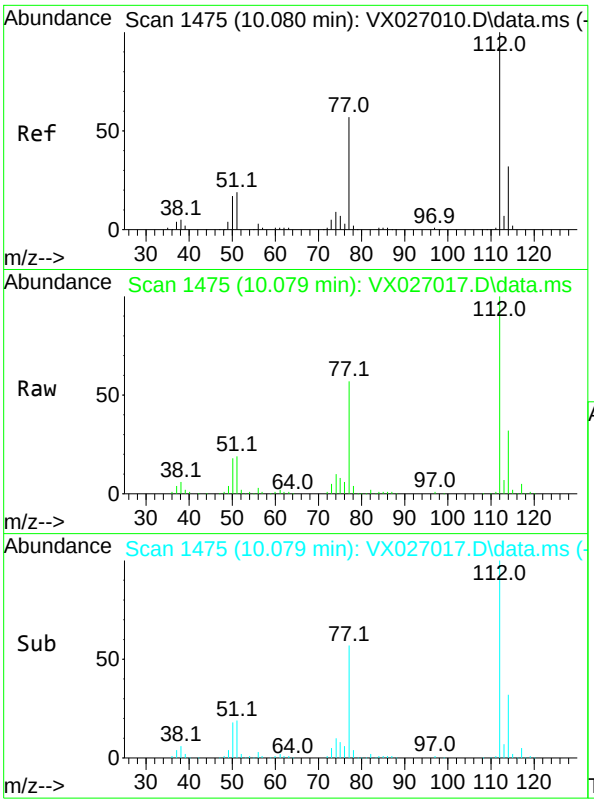


#48
2-Hexanone
Concen: 108.963 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion: 43 Resp: 121264

Ion	Ratio	Lower	Upper
43	100		
58	54.1	42.9	64.3
57	19.4	15.3	22.9
100	12.8	10.2	15.4



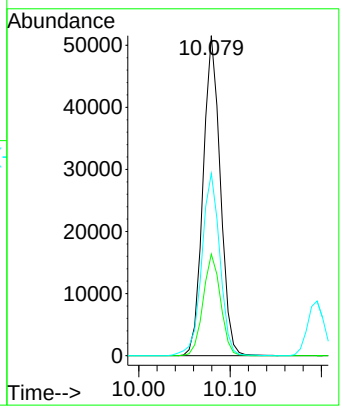


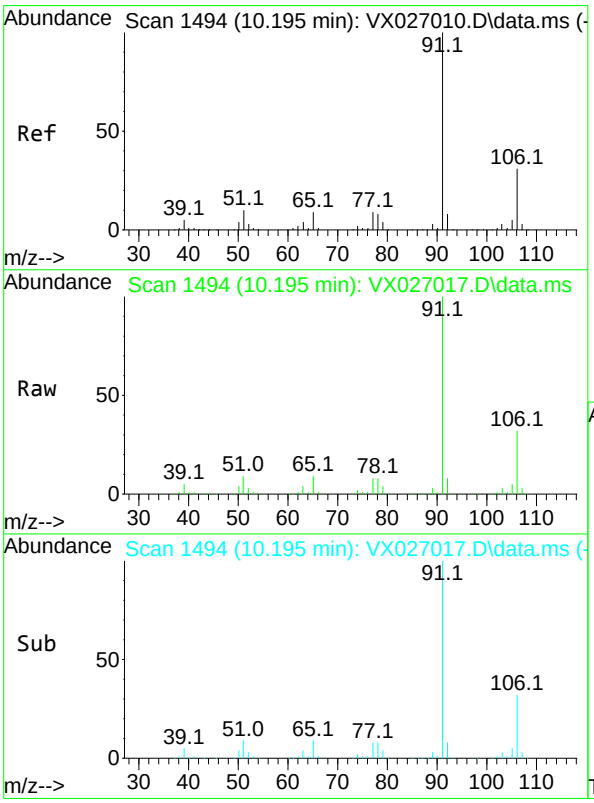
#51
Chlorobenzene
Concen: 25.467 ug/L
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion:112 Resp: 67322

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.2	41.2
77	57.0	45.9	68.9

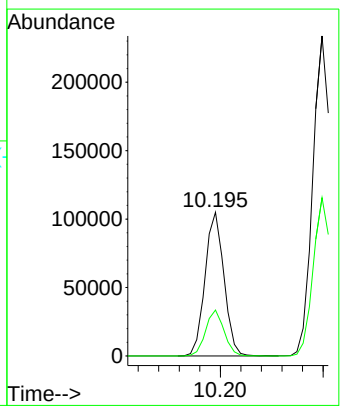


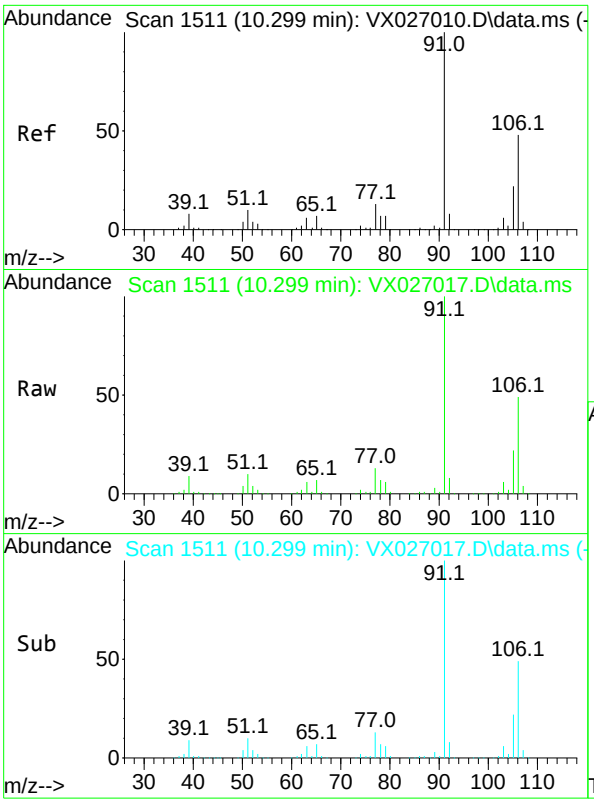


#52
Ethylbenzene
Concen: 30.340 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion: 91 Resp: 134731

Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.7	40.3



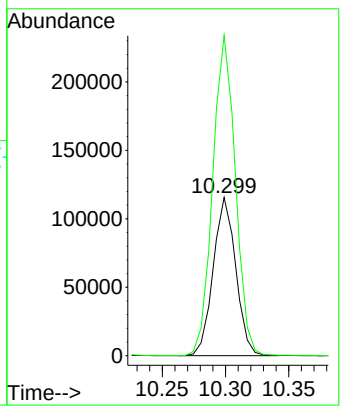


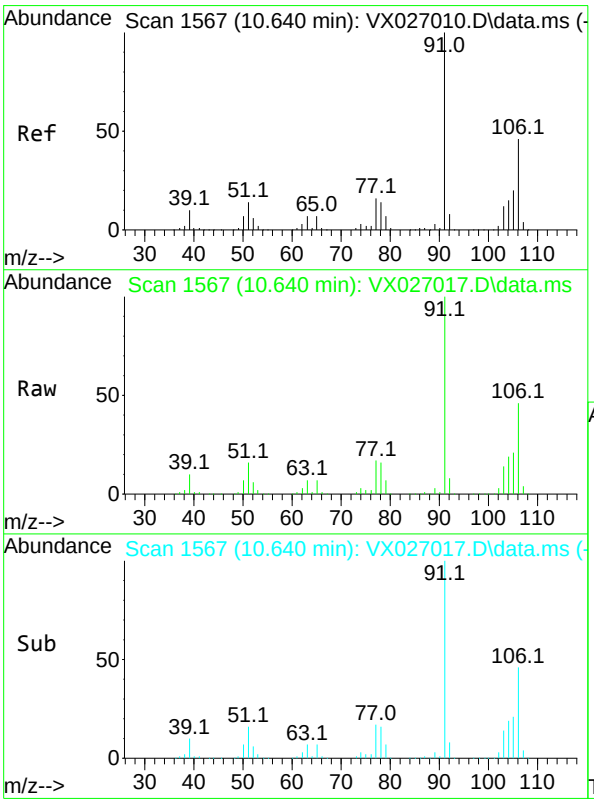
#53
m,p-Xylene
Concen: 81.824 ug/L
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion:106 Resp: 143249

Ion	Ratio	Lower	Upper
106	100		
91	202.3	145.7	270.5

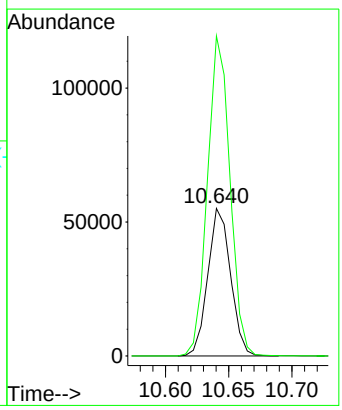


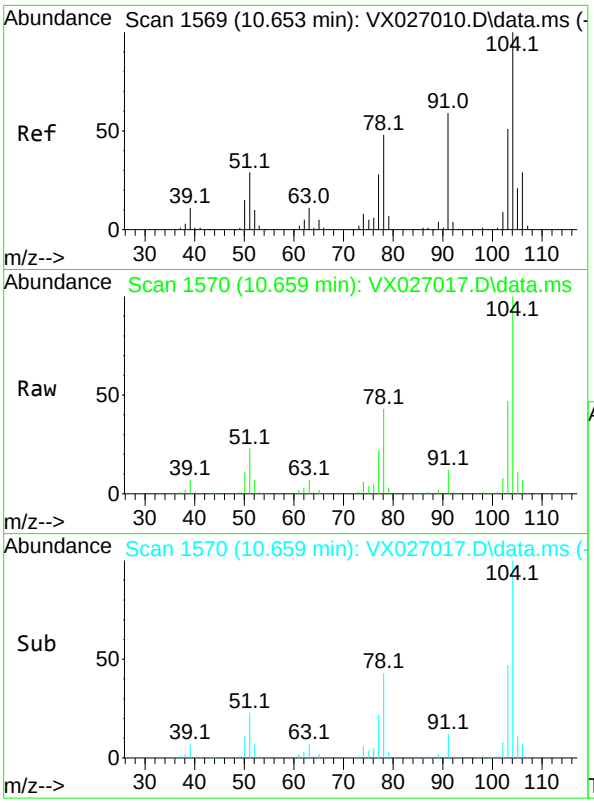


#54
o-Xylene
Concen: 41.190 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion:106 Resp: 68980

Ion	Ratio	Lower	Upper
106	100		
91	216.9	151.2	280.8



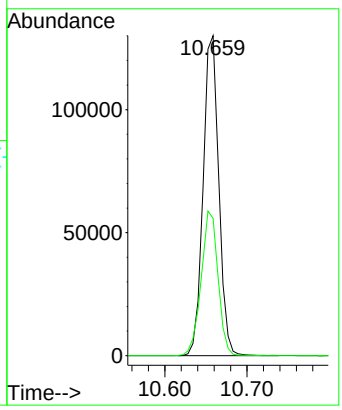


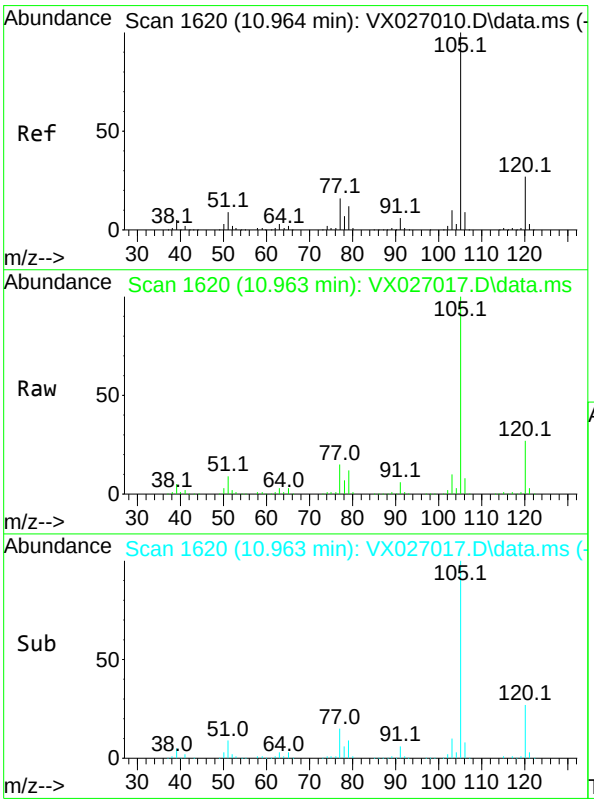
#55
Styrene
Concen: 60.789 ug/L
RT: 10.659 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion:104 Resp: 172407

Ion	Ratio	Lower	Upper
104	100		
78	42.9	33.3	61.9

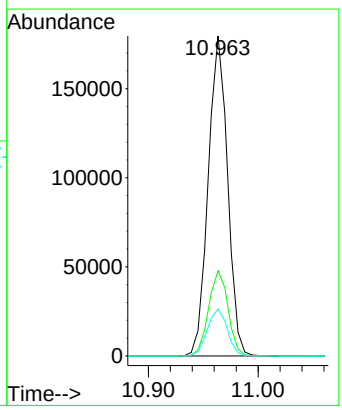


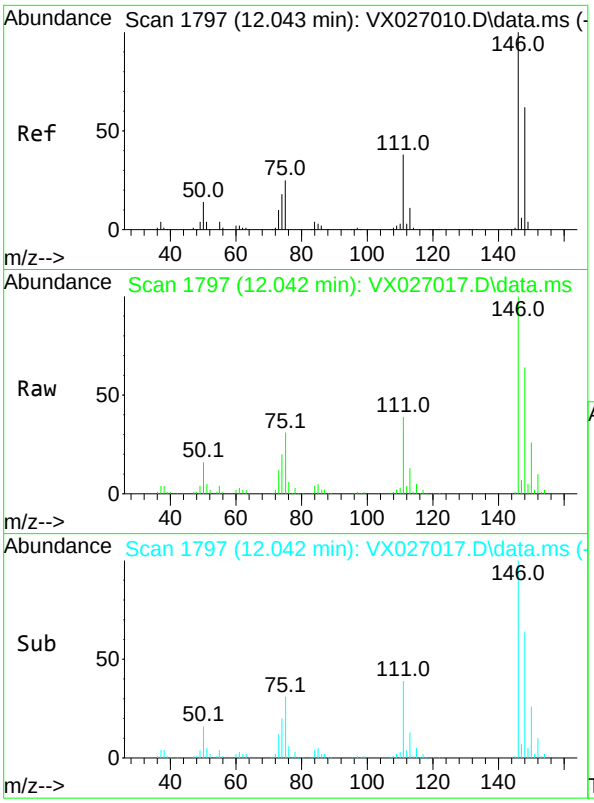


#60
Isopropylbenzene
Concen: 53.102 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion:105 Resp: 220087

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.2	31.8
77	15.1	12.5	18.7



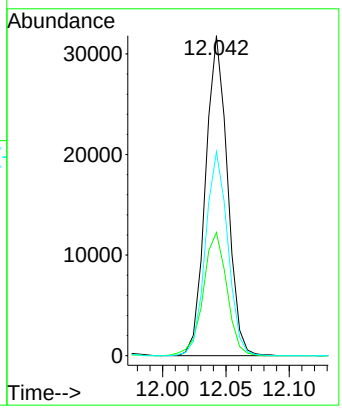


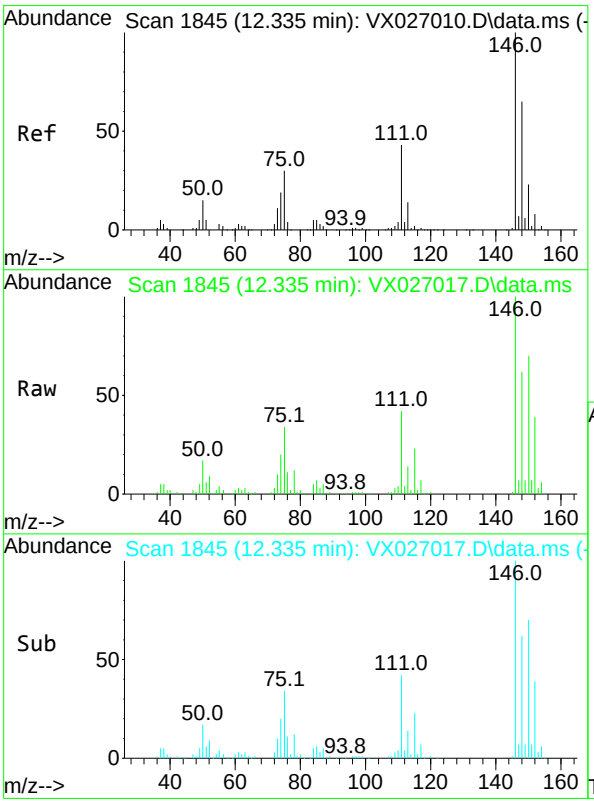
#65
1,4-Dichlorobenzene
Concen: 20.660 ug/L
RT: 12.042 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion:146 Resp: 38331

Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.5	49.3
148	63.7	43.5	80.7

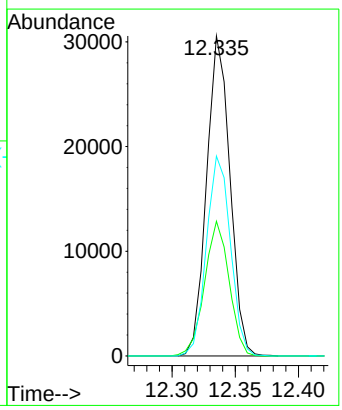


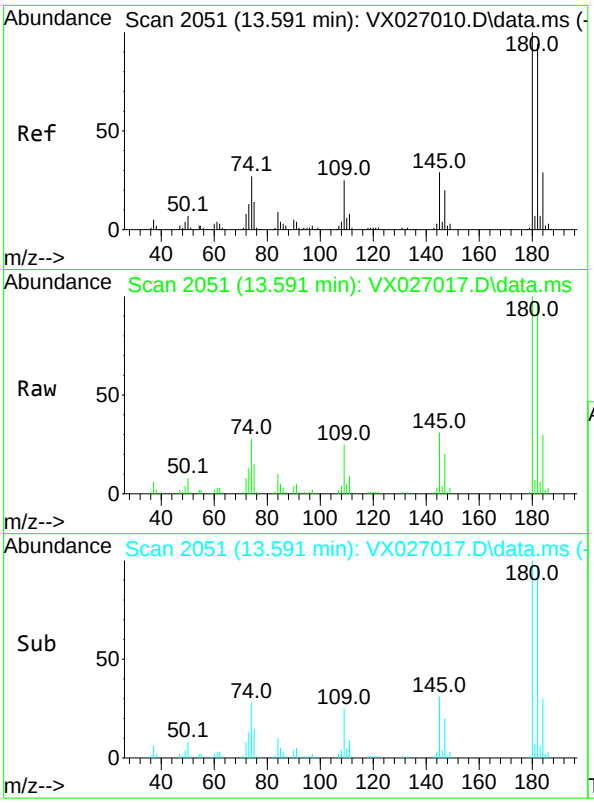


#67
1,2-Dichlorobenzene
Concen: 22.023 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion:146 Resp: 39256

Ion	Ratio	Lower	Upper
146	100		
111	42.1	34.5	51.7
148	62.5	51.9	77.9



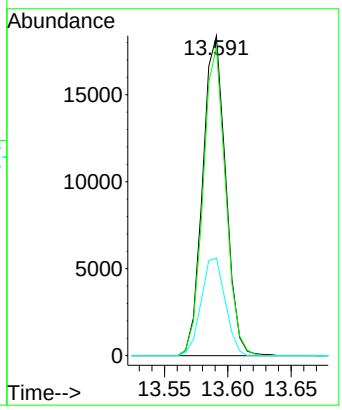


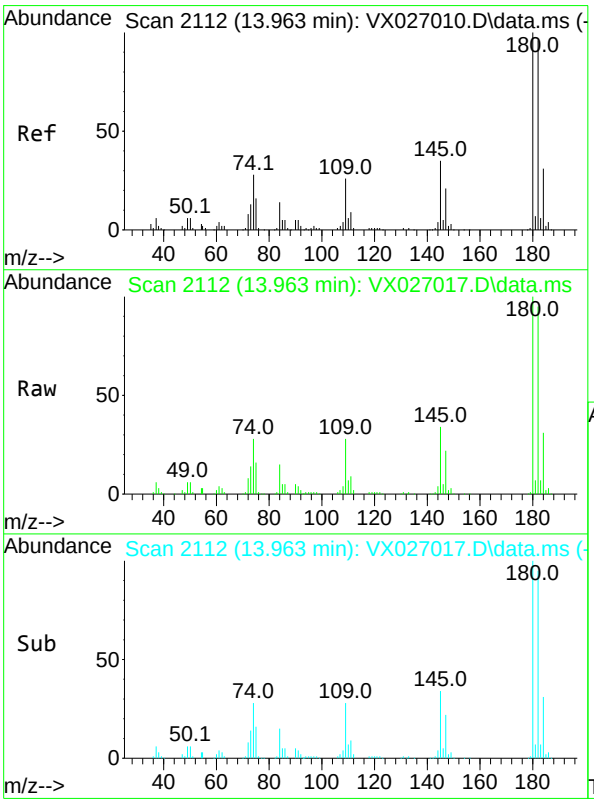
#70
1,2,4-trichlorobenzene
Concen: 20.835 ug/L
RT: 13.591 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
X3941

Tgt Ion:180 Resp: 23305

Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.4	113.2
145	31.9	25.0	37.4





#72
1,2,3-Trichlorobenzene
Concen: 66.462 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027017.D
Acq: 14 Feb 2022 16:29

Tgt Ion:180 Resp: 74331

Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.0	115.4
145	33.7	27.4	41.0