Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
Data File : VX025641.D
Acq On : 08 Dec 2021 23:46
Operator : JC/MD
Sample : M4975-06 10X
Misc : 6.78g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 09 03:32:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	159347	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	149186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77978	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	43594	40.087	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.180%		
7) Chloroethane-d5	1.654	69	38480	42.873	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.740%		
11) 1,1-Dichloroethene-d2	2.306	63	60606	34.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.900%		
21) 2-Butanone-d5	4.458	46	67934	83.920	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.920%		
24) Chloroform-d	5.062	84	80658	42.439	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.880%		
26) 1,2-Dichloroethane-d4	5.958	65	52895	44.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.300%		
32) Benzene-d6	5.976	84	171250	43.312	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.620%		
36) 1,2-Dichloropropane-d6	7.312	67	52060	42.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.060%		
41) Toluene-d8	8.659	98	166176	44.527	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.060%		
43) trans-1,3-Dichloroprop...	8.958	79	23917	38.860	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.720%		
47) 2-Hexanone-d5	9.403	63	48469	76.062	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.060%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	72230	41.749	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.500%		
66) 1,2-Dichlorobenzene-d4	12.323	152	67162	43.913	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.820%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	67516	73.119	ug/L	99
12) 1,1-Dichloroethene	2.319	96	6114	7.145	ug/L #	1
30) 1,1,1-Trichloroethane	5.397	97	3835580	2329.001	ug/L	98
34) Trichloroethene	7.129	95	892475	851.383	ug/L	95
37) 1,2-Dichloropropane	7.312	63	5961	5.963	ug/L #	88
39) cis-1,3-Dichloropropene	8.330	75	1703	1.046	ug/L #	58
42) Toluene	8.726	91	272523	62.003	ug/L	100
44) trans-1,3-Dichloropropene	8.952	75	1117	0.714	ug/L	98
46) Tetrachloroethene	9.323	164	13842542	15570.791	ug/L	92
52) Ethylbenzene	10.201	91	60528	12.814	ug/L	97
53) m,p-Xylene	10.305	106	215006	112.367	ug/L	99
54) o-Xylene	10.646	106	56872	29.693	ug/L	96
55) Styrene	10.646	104	2853	0.896	ug/L #	1
60) Isopropylbenzene	11.384	105	43526	8.685	ug/L	92
62) 1,3,5-Trimethylbenzene	11.457	105	17937	4.279	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	62398	14.734	ug/L #	80
67) 1,2-Dichlorobenzene	12.335	146	17620	7.573	ug/L	96
71) Naphthalene	13.780	128	23746	4.979	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
Data File : VX025641.D
Acq On : 08 Dec 2021 23:46
Operator : JC/MD
Sample : M4975-06 10X
Misc : 6.78g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 09 03:32:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
Data File : VX025641.D
Acq On : 08 Dec 2021 23:46
Operator : JC/MD
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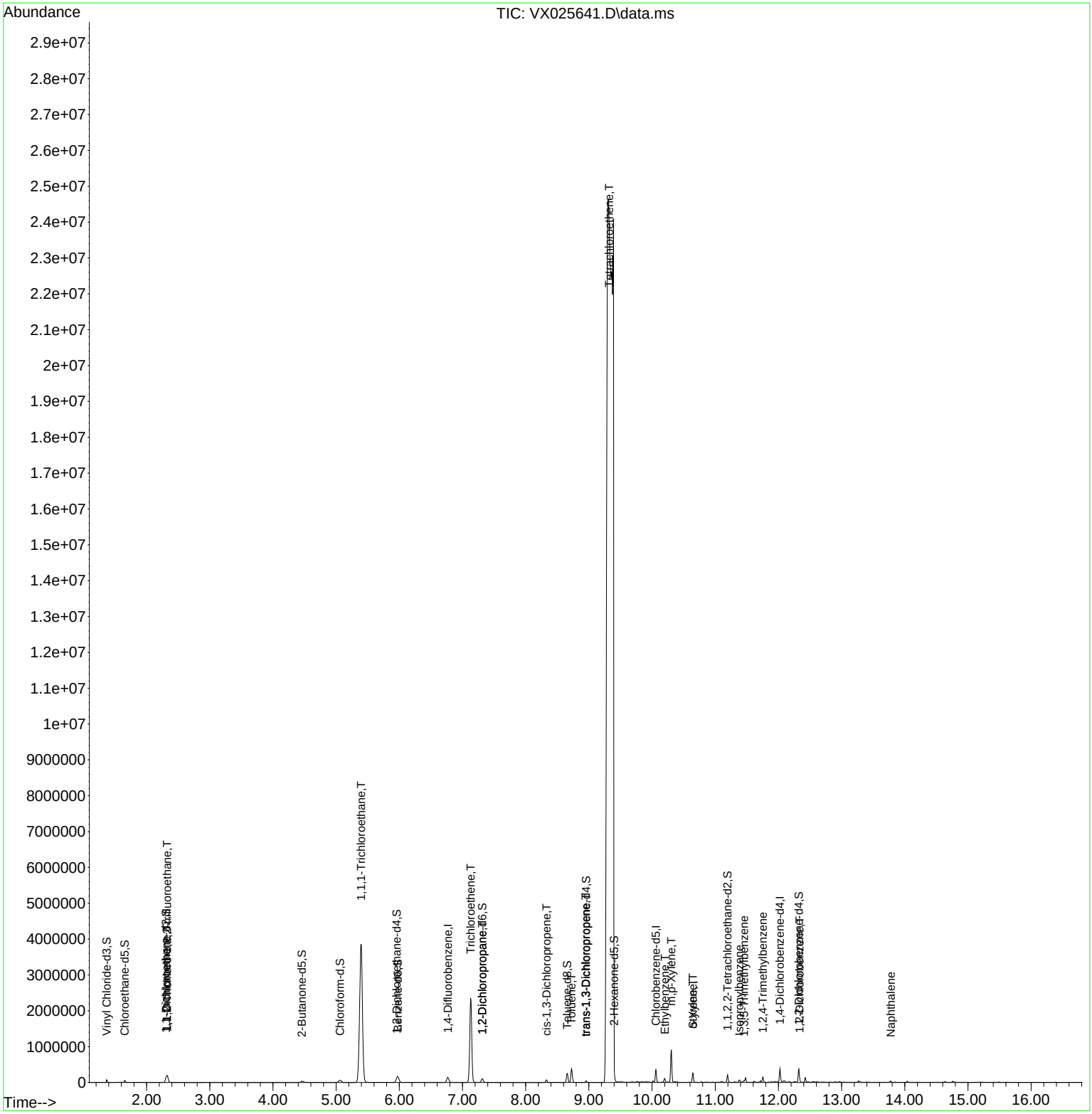
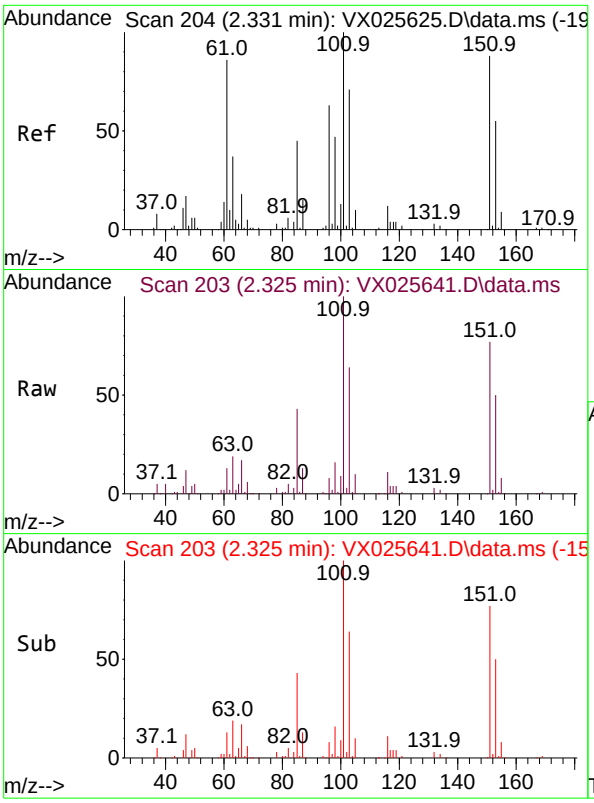
Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 09 03:32:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration



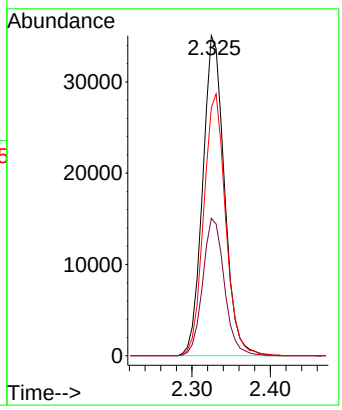


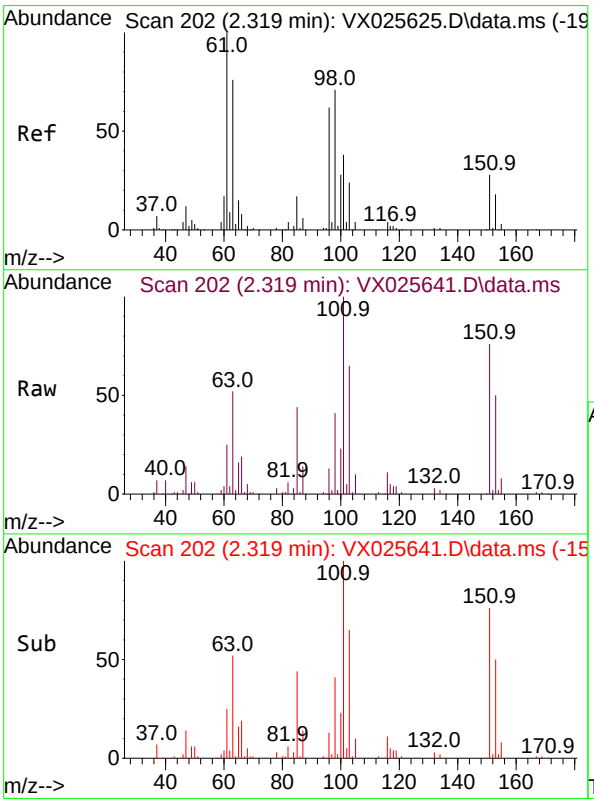
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 73.119 ug/L
RT: 2.325 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 67516

Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.3	51.5
151	82.5	65.2	97.8

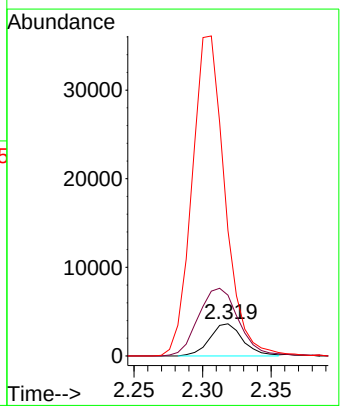


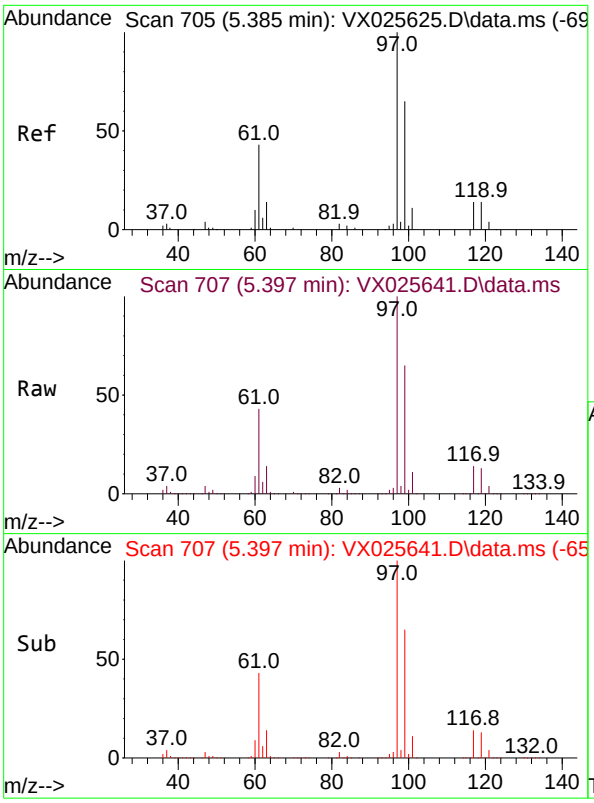


#12
1,1-Dichloroethene
Concen: 7.145 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Tgt Ion: 96 Resp: 6114

Ion	Ratio	Lower	Upper
96	100		
61	188.7	108.7	201.9
63	389.6	76.3	141.7#



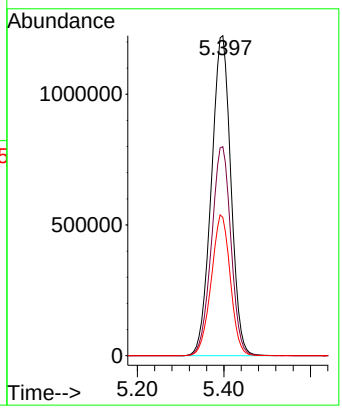


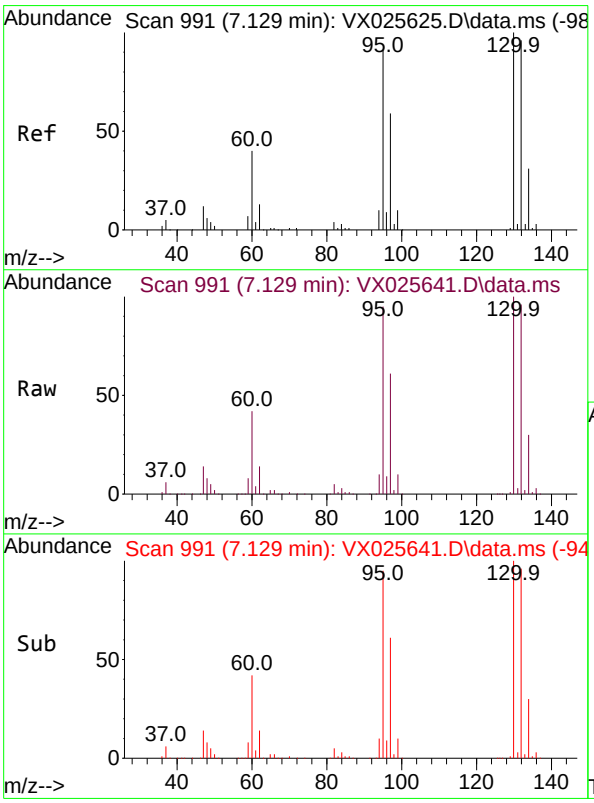
#30
1,1,1-Trichloroethane
Concen: 2329.001 ug/L
RT: 5.397 min Scan# 7
Delta R.T. 0.012 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 3835580

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.5	77.3
61	43.0	33.1	49.7

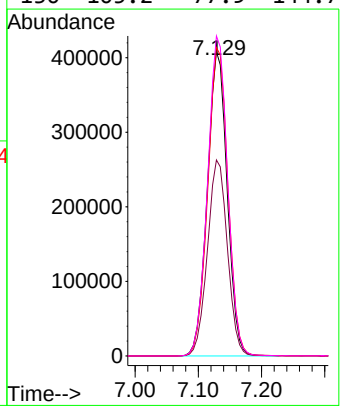


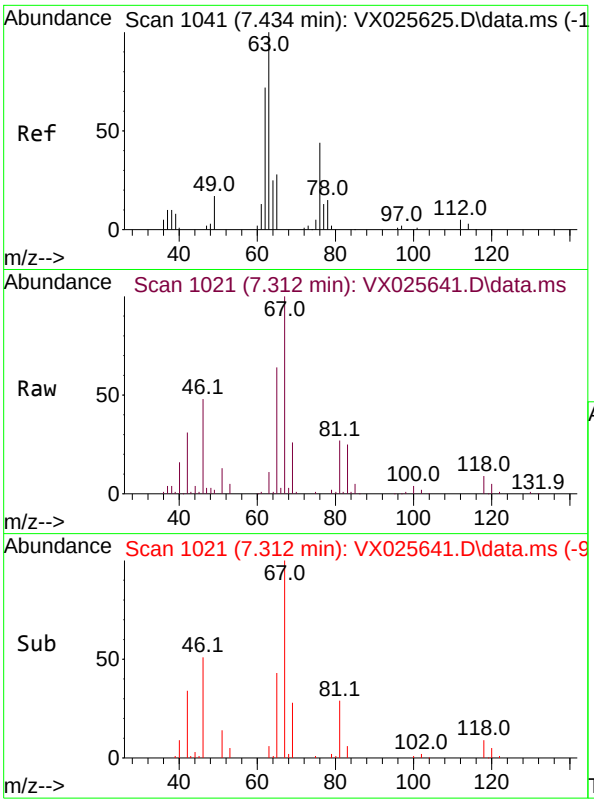


#34
Trichloroethene
Concen: 851.383 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Tgt Ion: 95 Resp: 892475

Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.0	85.4
132	101.4	75.0	139.2
130	105.2	77.9	144.7



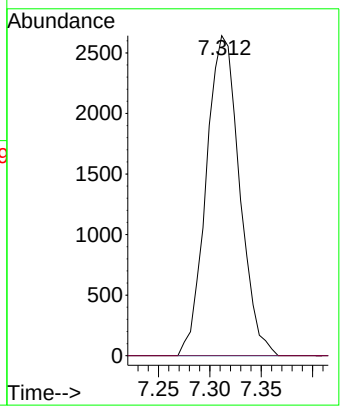


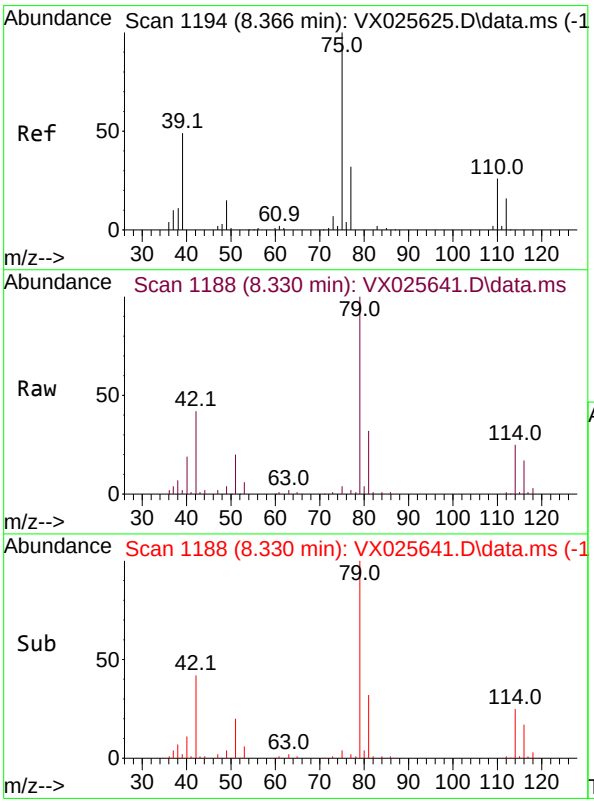
#37
1,2-Dichloropropane
Concen: 5.963 ug/L
RT: 7.312 min Scan# 1
Delta R.T. -0.122 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 5961

Ion	Ratio	Lower	Upper
63	100		
112	0.9	4.0	6.0#

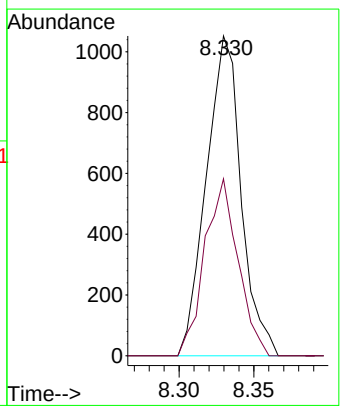


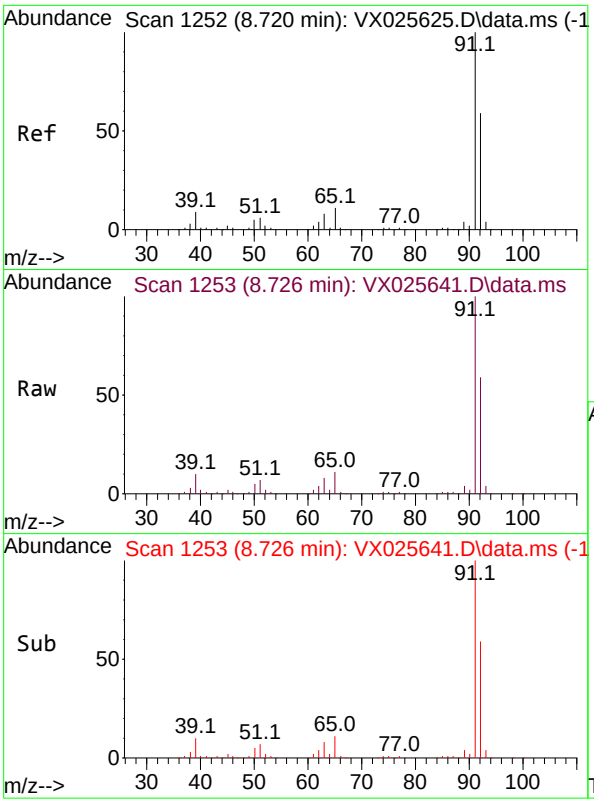


#39
cis-1,3-Dichloropropene
Concen: 1.046 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Tgt Ion: 75 Resp: 1703

Ion	Ratio	Lower	Upper
75	100		
77	55.3	22.3	41.3#



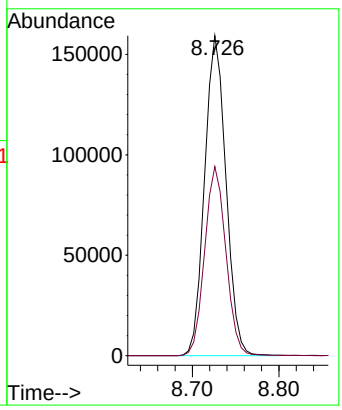


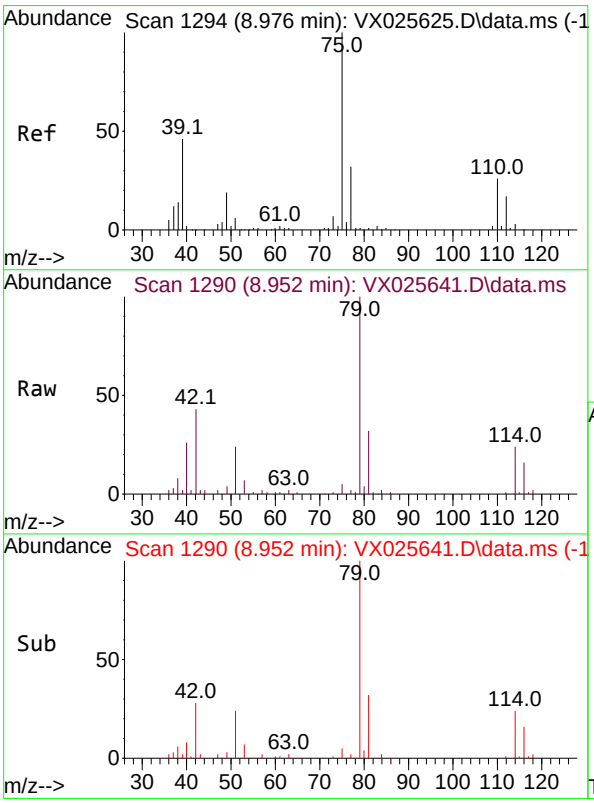
#42
Toluene
Concen: 62.003 ug/L
RT: 8.726 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 272523

Ion	Ratio	Lower	Upper
91	100		
92	59.1	41.2	76.6

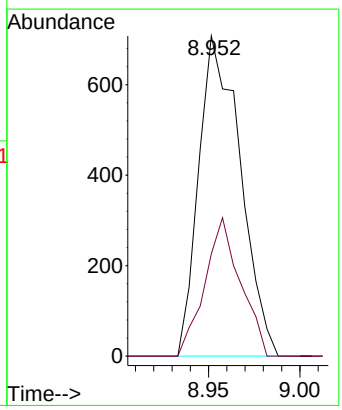


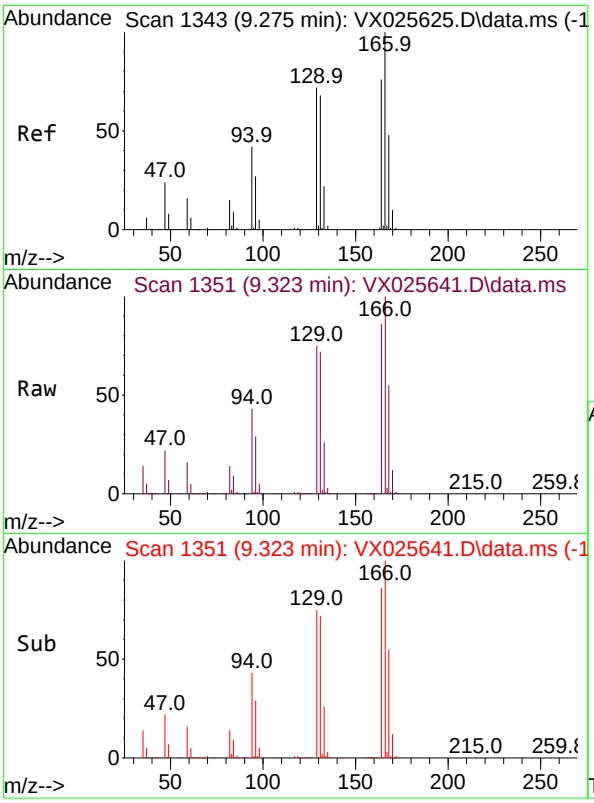


#44
trans-1,3-Dichloropropene
Concen: 0.714 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.025 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Tgt Ion: 75 Resp: 1117

Ion	Ratio	Lower	Upper
75	100		
77	31.9	23.0	42.8



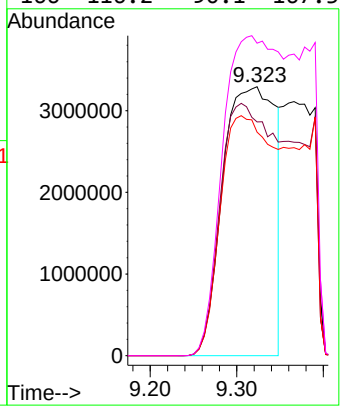


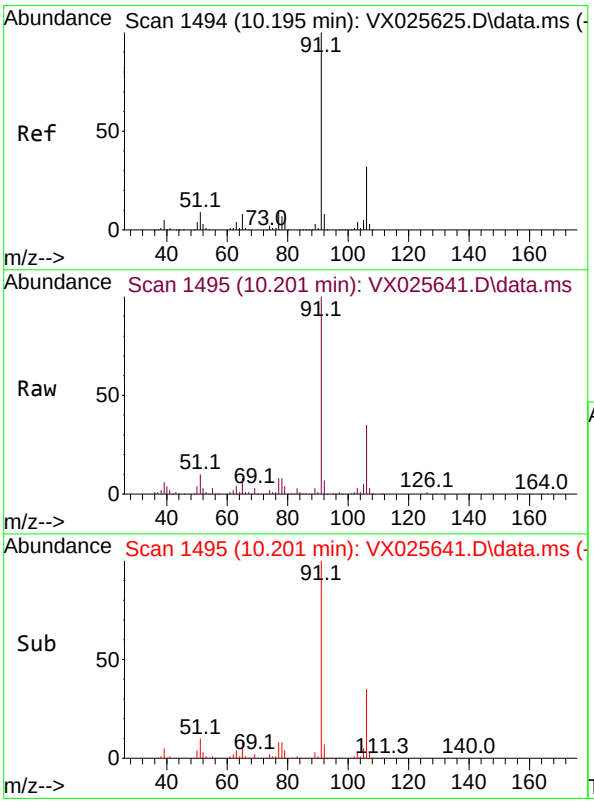
#46
Tetrachloroethene
Concen: 15570.791 ug/L
RT: 9.323 min Scan# 1
Delta R.T. 0.049 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp:13842542

Ion	Ratio	Lower	Upper
164	100		
129	86.9	64.7	120.1
131	83.1	63.2	117.4
166	116.2	90.1	167.3

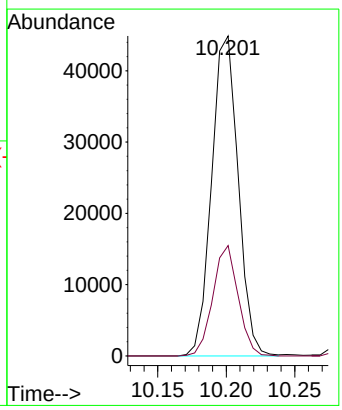


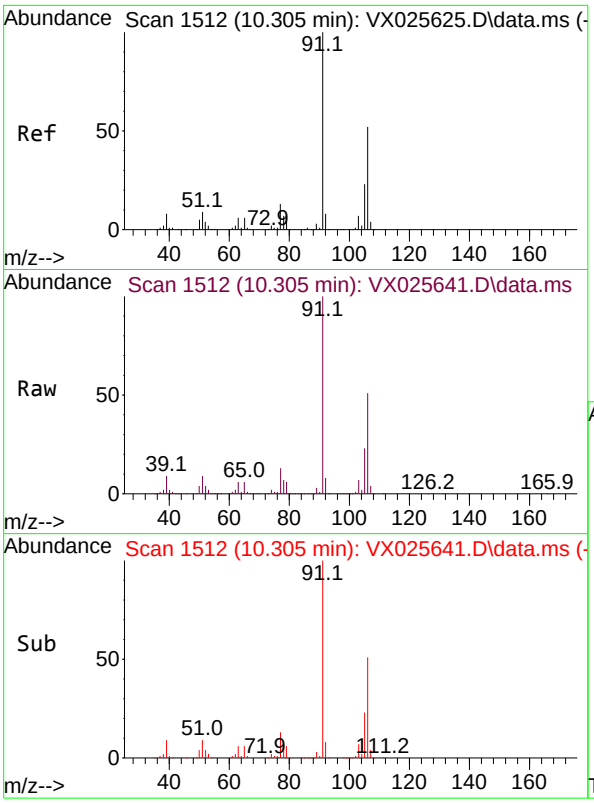


#52
Ethylbenzene
Concen: 12.814 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Tgt Ion: 91 Resp: 60528

Ion	Ratio	Lower	Upper
91	100		
106	34.5	23.1	42.9



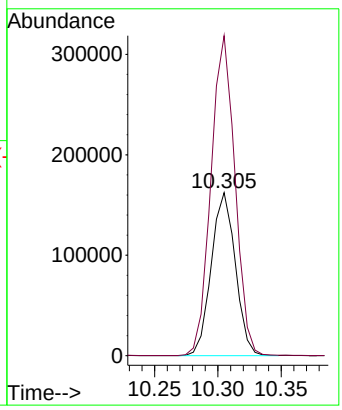


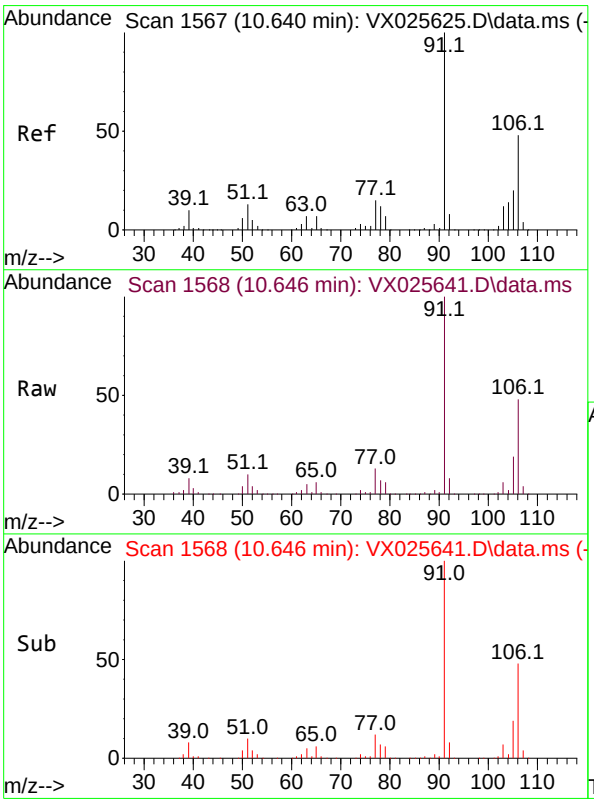
#53
m,p-Xylene
Concen: 112.367 ug/L
RT: 10.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 215006

Ion	Ratio	Lower	Upper
106	100		
91	196.3	136.8	254.2

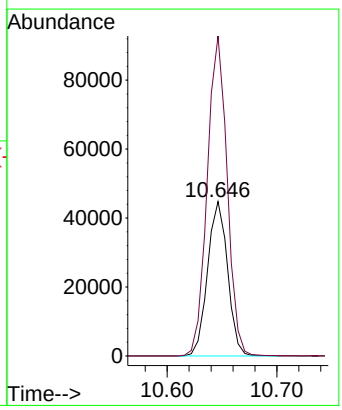


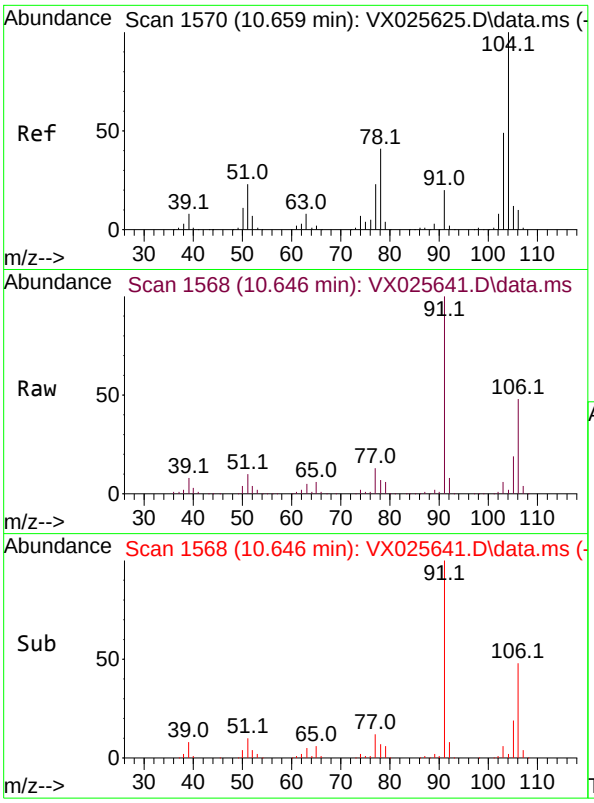


#54
o-Xylene
Concen: 29.693 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Tgt Ion:106 Resp: 56872

Ion	Ratio	Lower	Upper
106	100		
91	207.2	140.5	260.9



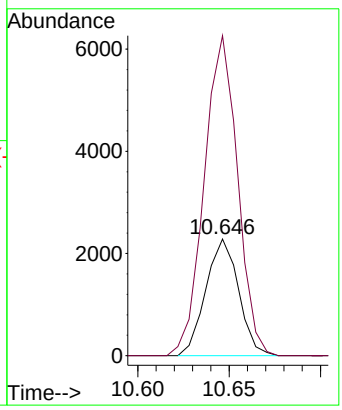


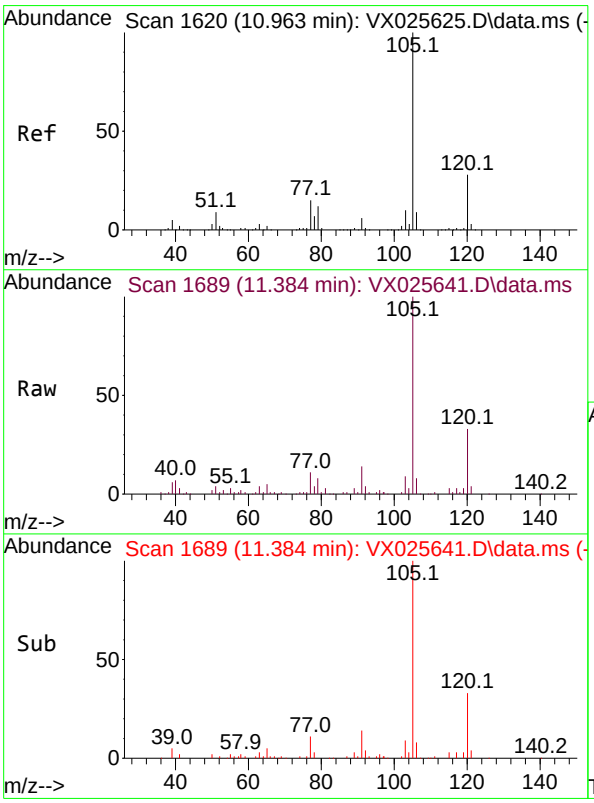
#55
Styrene
Concen: 0.896 ug/L
RT: 10.646 min Scan# 1
Delta R.T. -0.012 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:104 Resp: 2853

Ion	Ratio	Lower	Upper
104	100		
78	274.5	28.6	53.0#

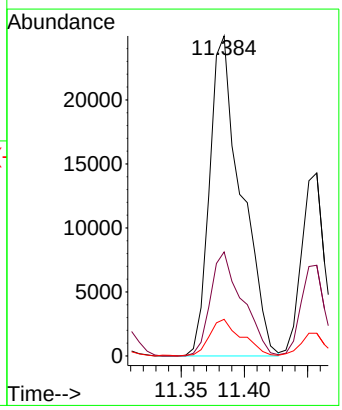


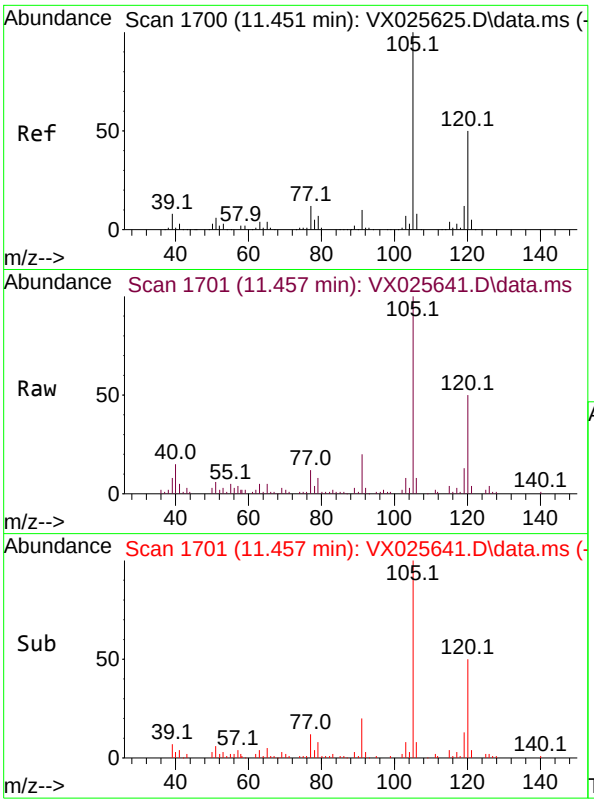


#60
Isopropylbenzene
Concen: 8.685 ug/L
RT: 11.384 min Scan# 1689
Delta R.T. 0.421 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Tgt Ion:105 Resp: 43526

Ion	Ratio	Lower	Upper
105	100		
120	32.8	22.3	33.5
77	11.7	11.5	17.3



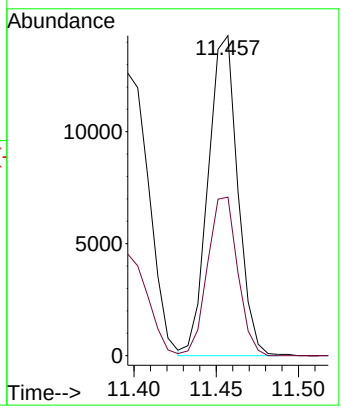


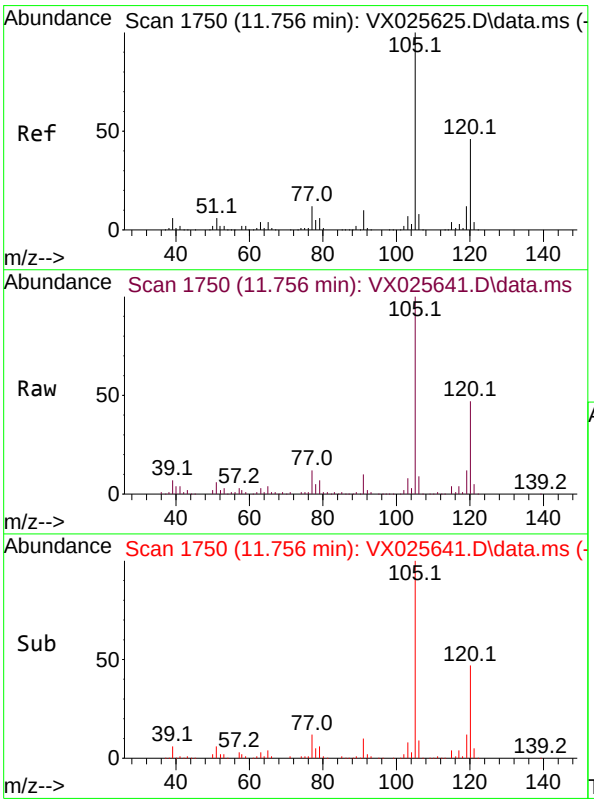
#62
1,3,5-Trimethylbenzene
Concen: 4.279 ug/L
RT: 11.457 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 17937

Ion	Ratio	Lower	Upper
105	100		
120	50.4	41.0	61.4

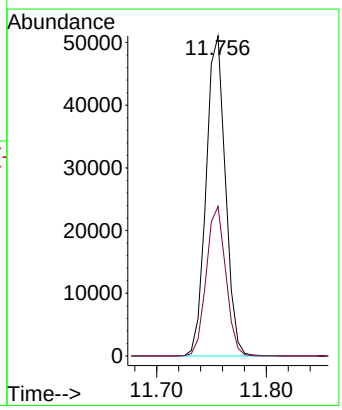


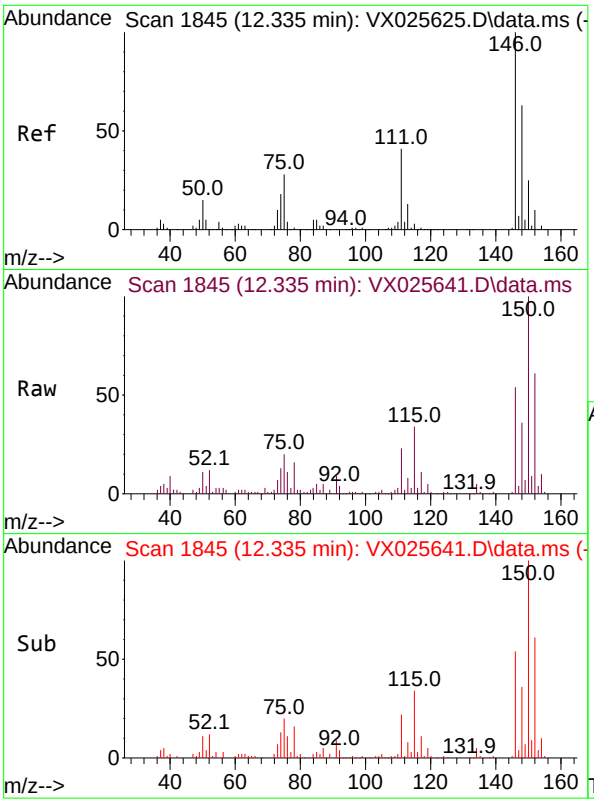


#63
1,2,4-Trimethylbenzene
Concen: 14.734 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Tgt Ion:105 Resp: 62398

Ion	Ratio	Lower	Upper
105	100		
120	47.2	0.1	0.1#



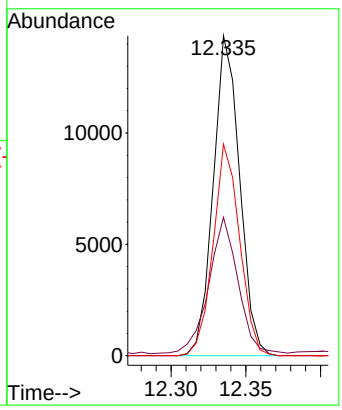


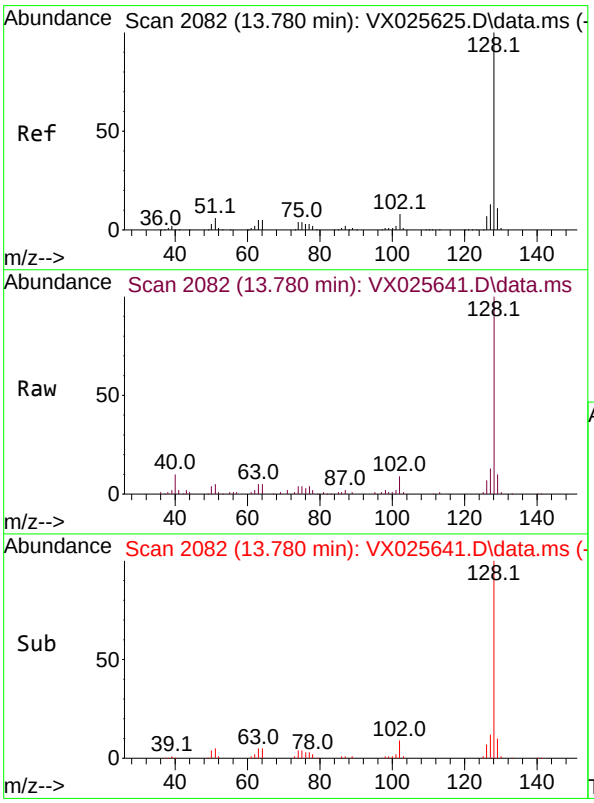
#67
1,2-Dichlorobenzene
Concen: 7.573 ug/L
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 17620

Ion	Ratio	Lower	Upper
146	100		
111	43.2	32.3	48.5
148	66.1	50.3	75.5





#71
Naphthalene
Concen: 4.979 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Tgt Ion:128 Resp: 23746

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	11.5	8.7	13.1