Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
Data File : VV032284.D
Acq On : 06 Oct 2023 05:21
Operator : SY/MD
Sample : 04774-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 06 06:19:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 05:25:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	85307	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	79763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	32376	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27530	3.968	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.400%			
7) Chloroethane-d5	1.532	69	27205	4.831	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.600%			
11) 1,1-Dichloroethene-d2	2.060	65	11130	3.804	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.000%			
20) 2-Butanone-d5	3.809	46	112160	63.906	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.820%			
24) Chloroform-d	4.253	84	56839	4.644	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
26) 1,2-Dichloroethane-d4	4.947	65	30930	5.335	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.800%			
32) Benzene-d6	4.960	84	105362	4.489	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
36) 1,2-Dichloropropane-d6	5.992	67	39707	5.106	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.200%			
41) Toluene-d8	7.246	98	82127	3.827	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.600%			
43) trans-1,3-Dichloroprop...	7.558	79	10942	3.971	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.400%			
46) 2-Hexanone-d5	8.034	63	67999	52.448	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.900%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	27700	5.093	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.800%			
66) 1,2-Dichlorobenzene-d4	11.564	152	26229	4.366	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	881	0.096	ug/L #	31
12) 1,1-Dichloroethene	2.069	96	7187	1.149	ug/L #	15
13) Acetone	2.140	43	3464	2.561	ug/L	90
15) Methyl Acetate	2.471	43	5041	1.655	ug/L #	53
18) trans-1,2-Dichloroethene	2.693	96	191740	26.756	ug/L	97
19) 1,1-Dichloroethane	3.114	63	3273	0.243	ug/L #	82
22) cis-1,2-Dichloroethene	3.815	96	144526	18.730	ug/L	94
30) Cyclohexane	4.577	56	3912	0.328	ug/L #	88
33) Benzene	5.015	78	12941	0.461	ug/L	100
34) Trichloroethene	5.831	95	1923713	250.932	ug/L	98
35) Methylcyclohexane	6.053	83	3263	0.275	ug/L	97
37) 1,2-Dichloropropane	5.992	63	4073	0.542	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	812	0.076	ug/L #	62
42) Toluene	7.320	91	31268	1.044	ug/L	98
48) 2-Hexanone	8.037	43	9008	2.686	ug/L #	67
52) Ethylbenzene	8.950	91	6367	0.191	ug/L	96
53) m,p-Xylene	9.079	106	4114	0.333	ug/L	95
54) o-Xylene	9.487	106	1794	0.151	ug/L	88
61) 1,2,3-Trichloropropane	11.188	75	3892	1.129	ug/L #	63

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
Data File : VV032284.D
Acq On : 06 Oct 2023 05:21
Operator : SY/MD
Sample : 04774-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 06 06:19:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 05:25:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	10.857	105	2714	0.133	ug/L	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
Data File : VV032284.D
Acq On : 06 Oct 2023 05:21
Operator : SY/MD
Sample : 04774-02
Misc : 25.0mL/MSVOA_V/WATER
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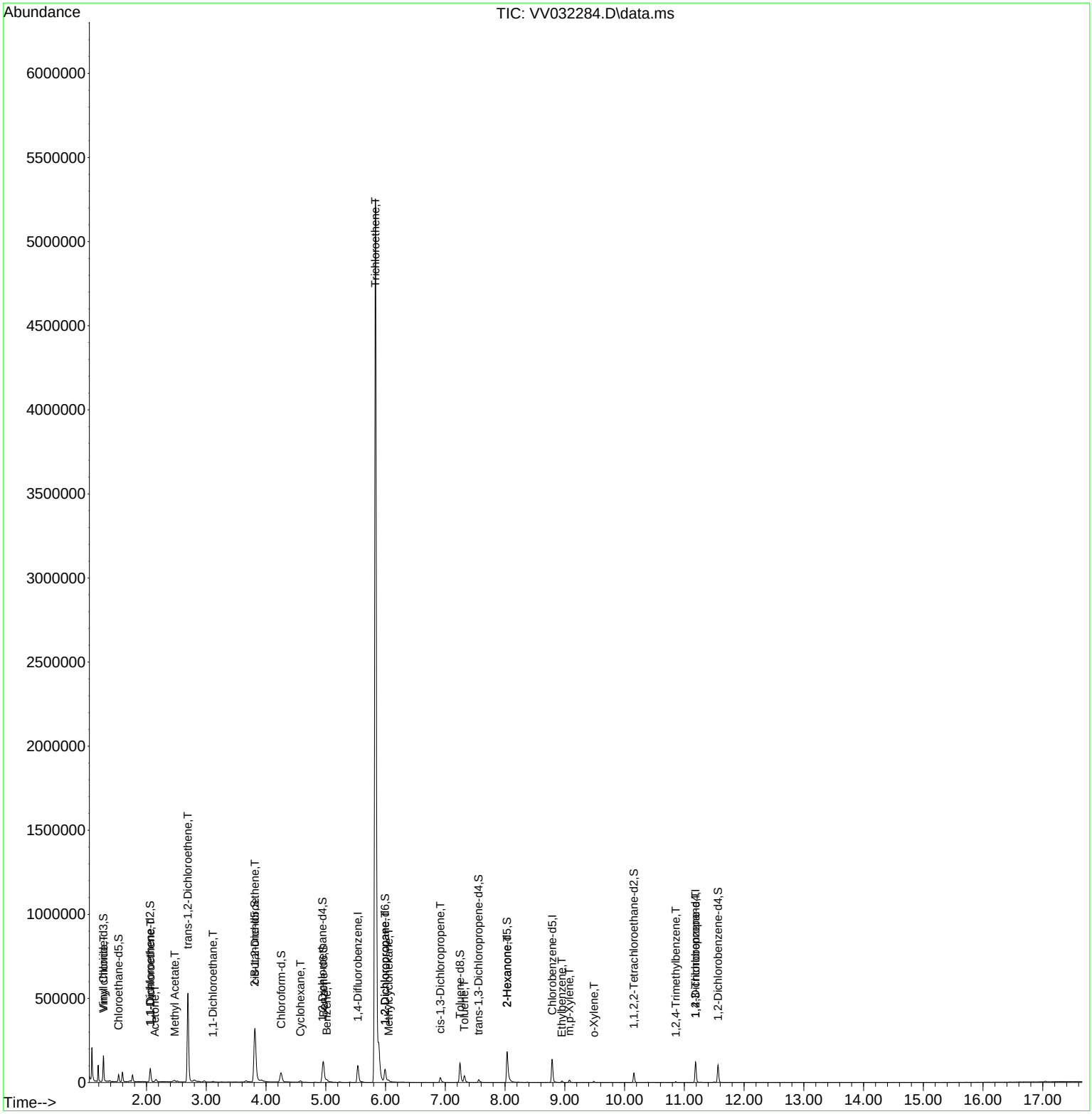
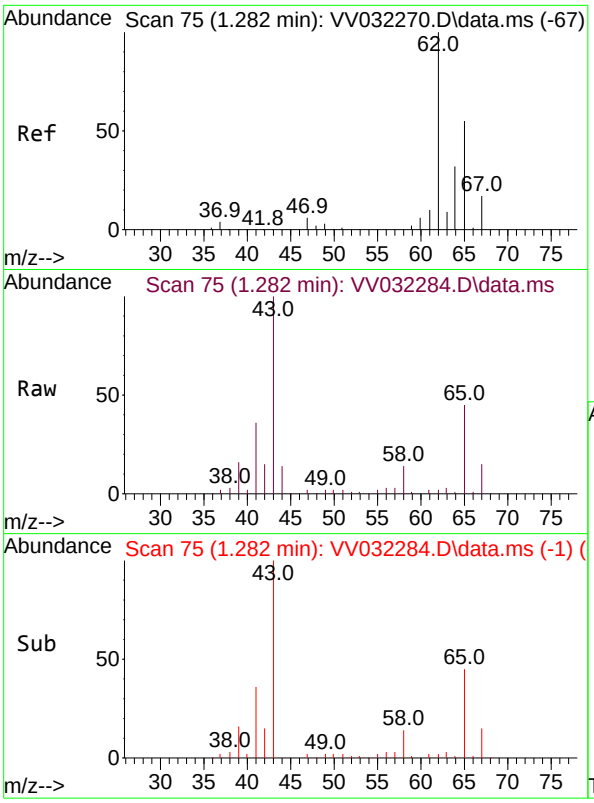
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 06 06:19:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 05:25:10 2023
Response via : Initial Calibration



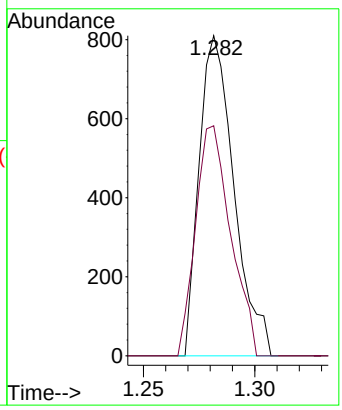


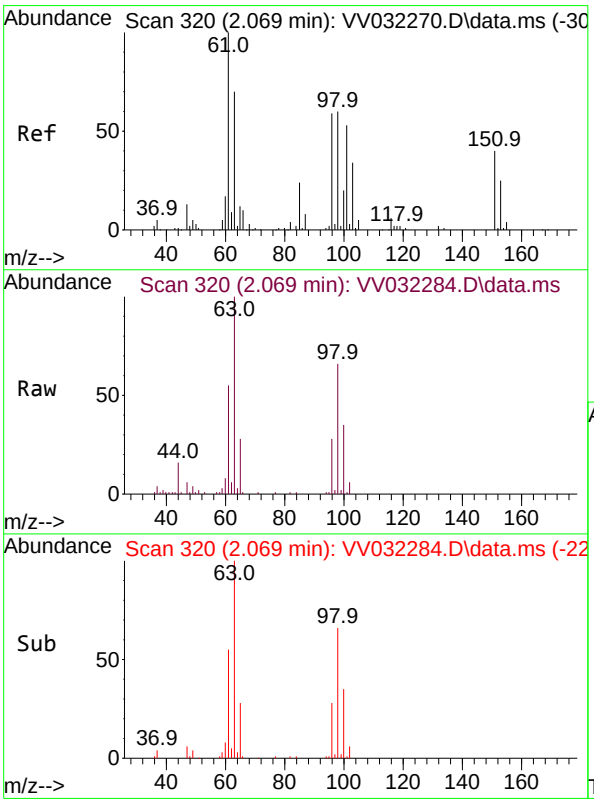
#5
Vinyl chloride
Concen: 0.096 ug/L
RT: 1.282 min Scan# 7
Delta R.T. 0.000 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 881

Ion	Ratio	Lower	Upper
62	100		
64	71.9	23.1	42.9#

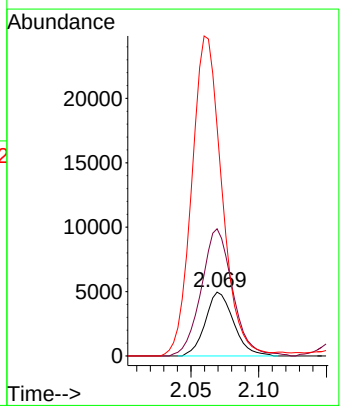


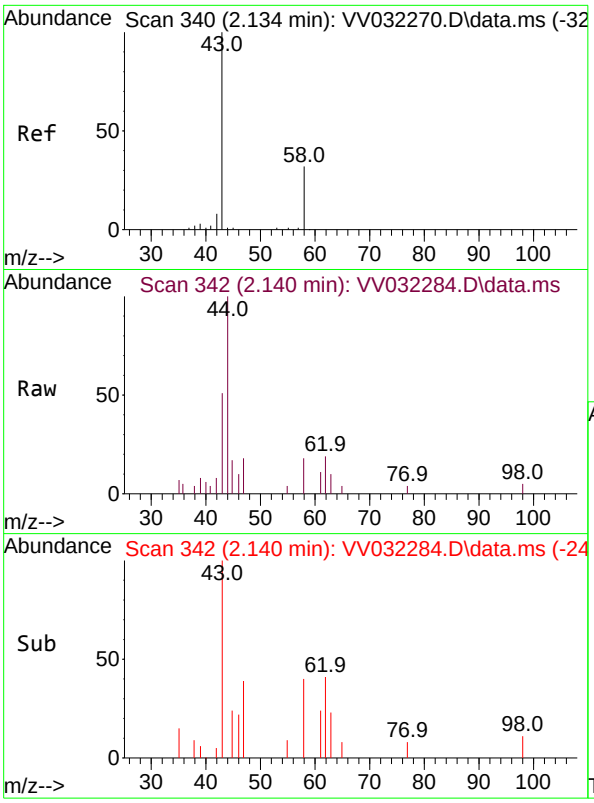


#12
1,1-Dichloroethene
Concen: 1.149 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion: 96 Resp: 7187

Ion	Ratio	Lower	Upper
96	100		
61	199.2	127.3	236.3
63	359.1	98.3	182.7#



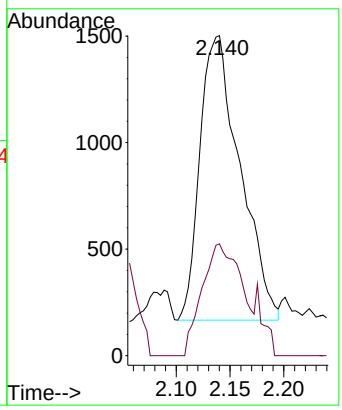


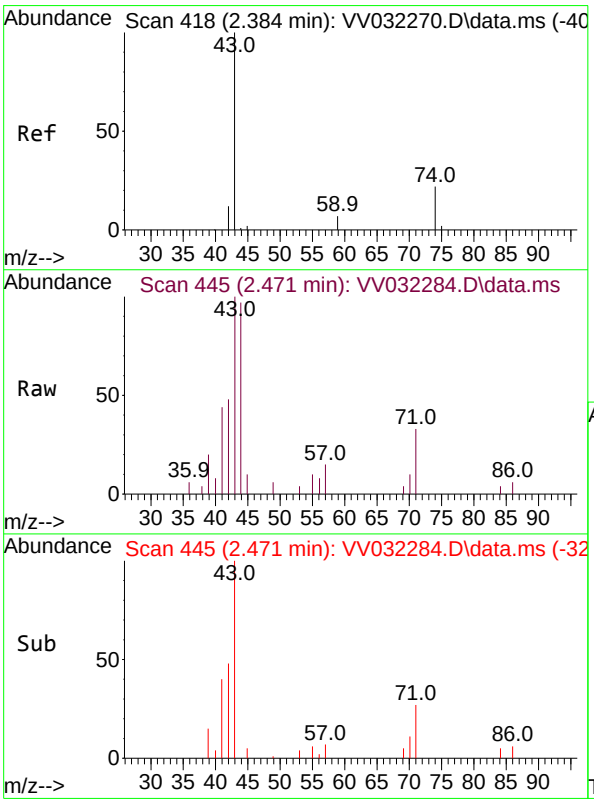
#13
Acetone
Concen: 2.561 ug/L
RT: 2.140 min Scan# 34
Delta R.T. 0.006 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 3464

Ion	Ratio	Lower	Upper
43	100		
58	38.7	0.0	66.0

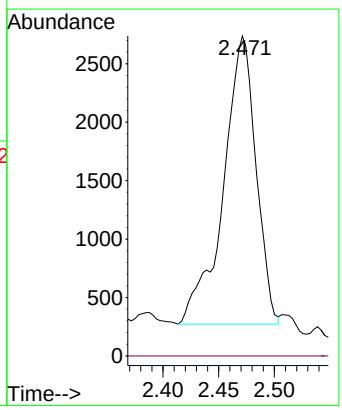


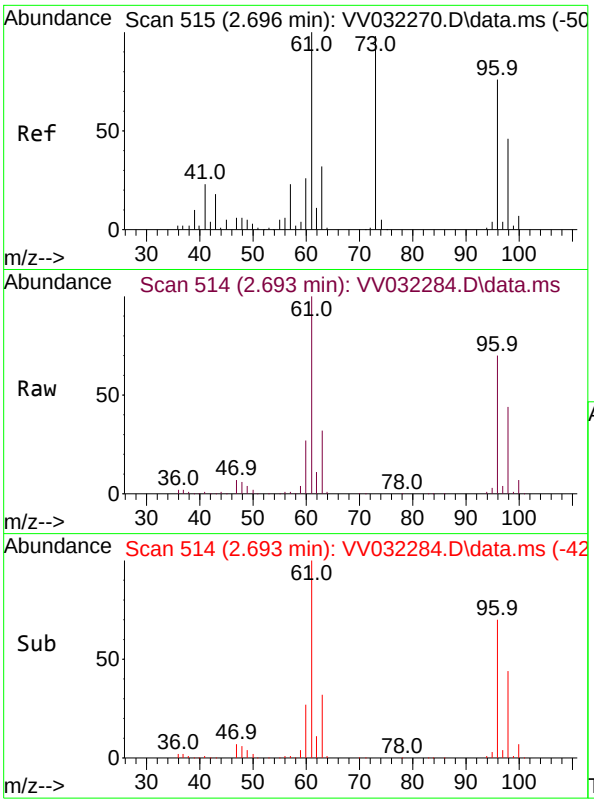


#15
Methyl Acetate
Concen: 1.655 ug/L
RT: 2.471 min Scan# 445
Delta R.T. 0.087 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion: 43 Resp: 5041

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#



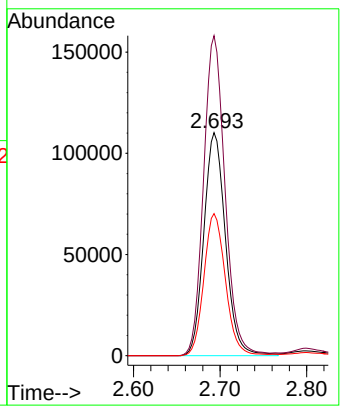


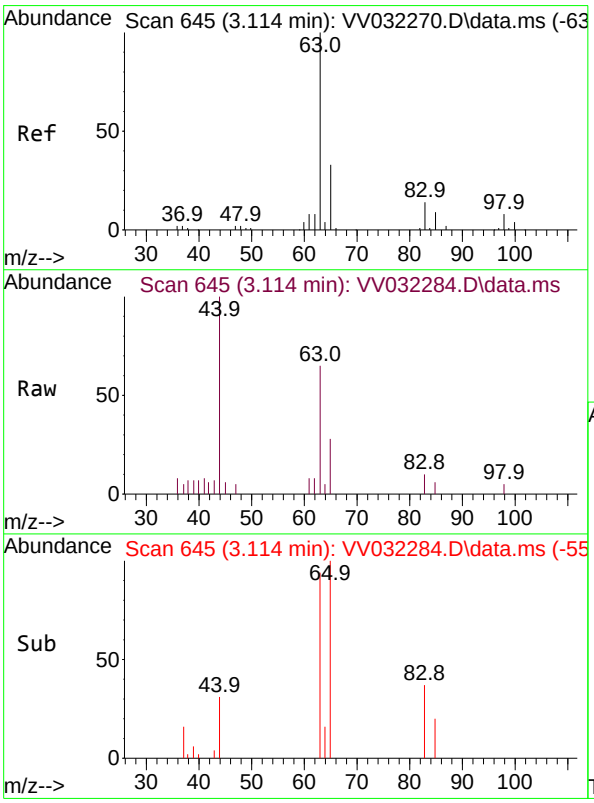
#18
trans-1,2-Dichloroethene
Concen: 26.756 ug/L
RT: 2.693 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 191740

Ion	Ratio	Lower	Upper
96	100		
61	143.4	96.9	180.1
98	63.7	45.3	84.1

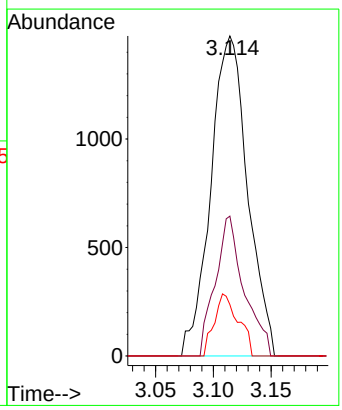


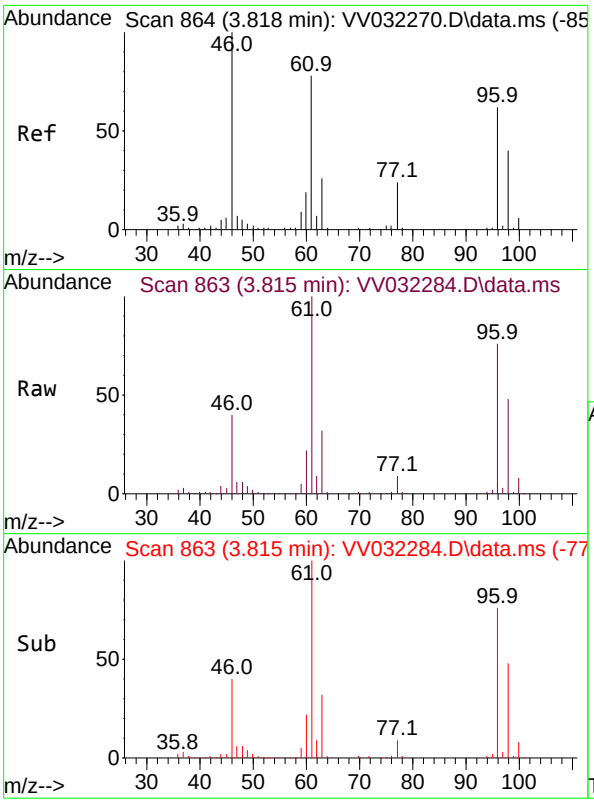


#19
1,1-Dichloroethane
Concen: 0.243 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion: 63 Resp: 3273

Ion	Ratio	Lower	Upper
63	100		
65	43.7	22.3	41.5#
83	16.1	9.0	16.6



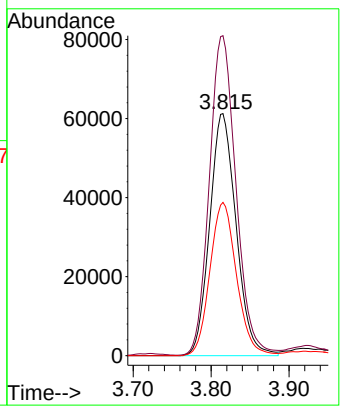


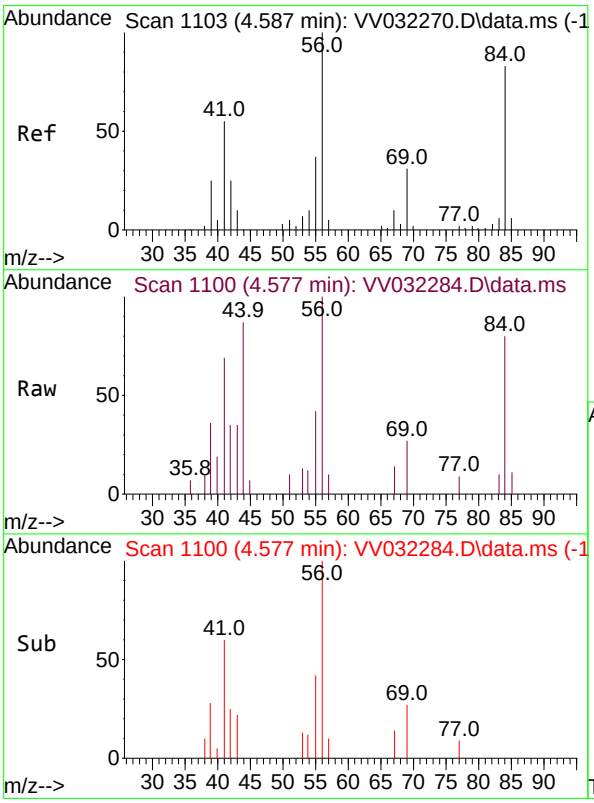
#22
cis-1,2-Dichloroethene
Concen: 18.730 ug/L
RT: 3.815 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 144526

Ion	Ratio	Lower	Upper
96	100		
61	132.2	85.8	159.4
98	63.3	44.0	81.6

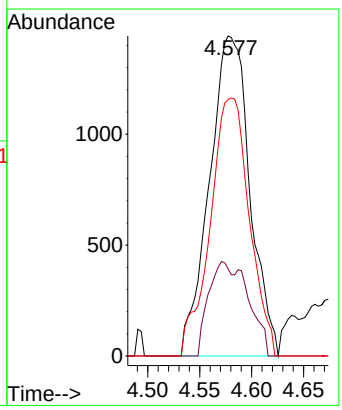


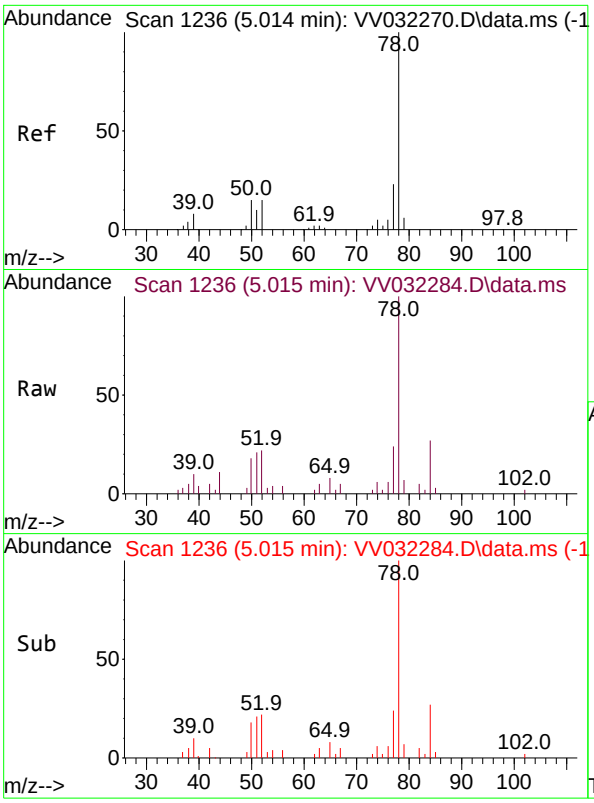


#30
Cyclohexane
Concen: 0.328 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. -0.010 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion: 56 Resp: 3912

Ion	Ratio	Lower	Upper
56	100		
69	18.1	24.2	36.2#
84	77.9	68.1	102.1

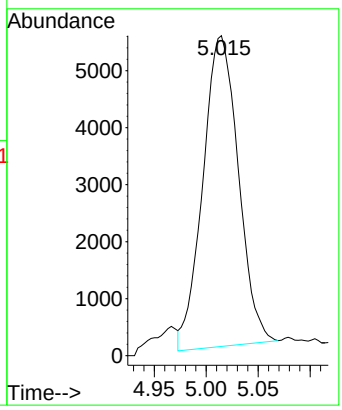


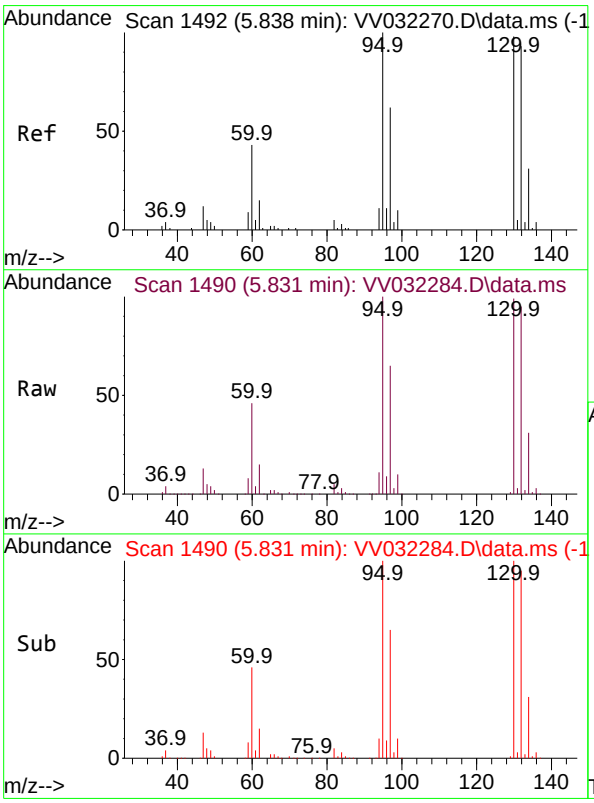


#33
Benzene
Concen: 0.461 ug/L
RT: 5.015 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 12941

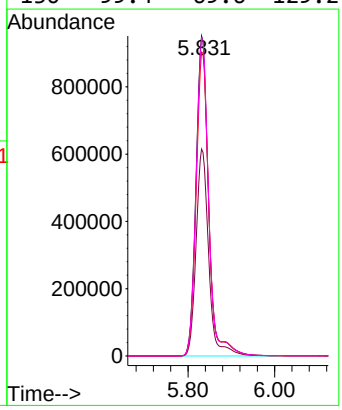


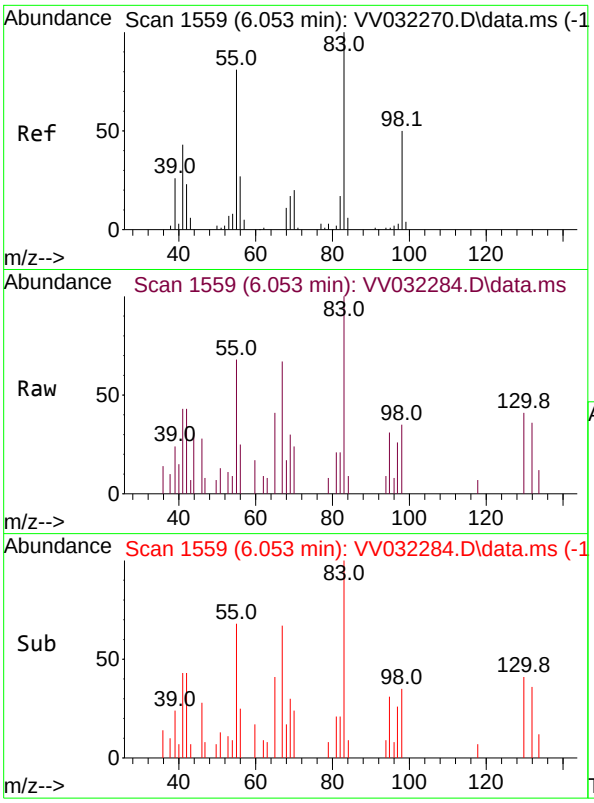


#34
Trichloroethene
Concen: 250.932 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion: 95 Resp: 1923713

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.7	84.9
132	95.0	70.3	130.5
130	99.4	69.6	129.2



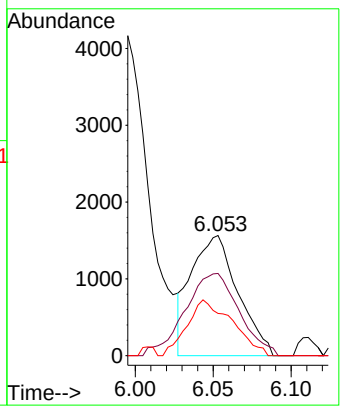


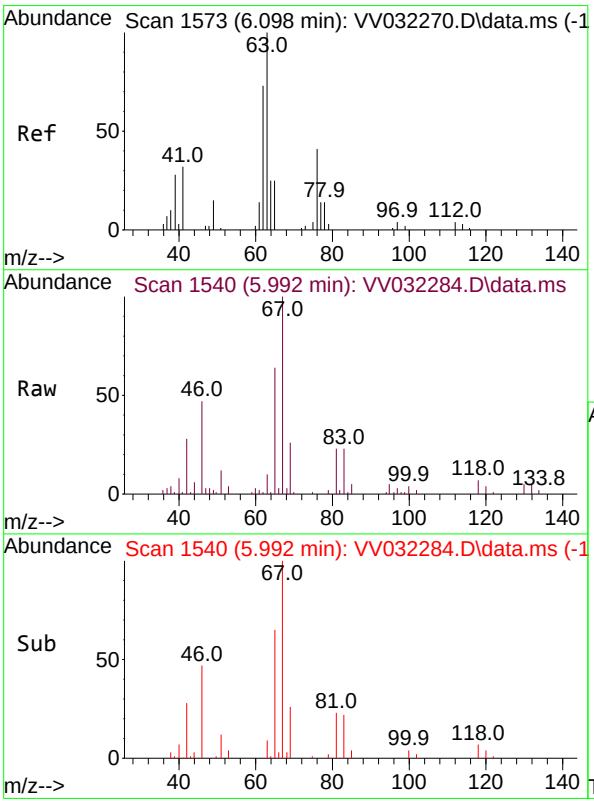
#35
Methylcyclohexane
Concen: 0.275 ug/L
RT: 6.053 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 3263

Ion	Ratio	Lower	Upper
83	100		
55	79.0	64.2	96.2
98	45.1	39.6	59.4

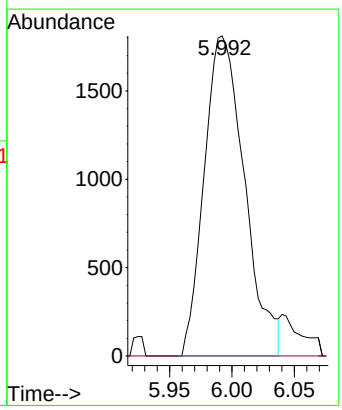


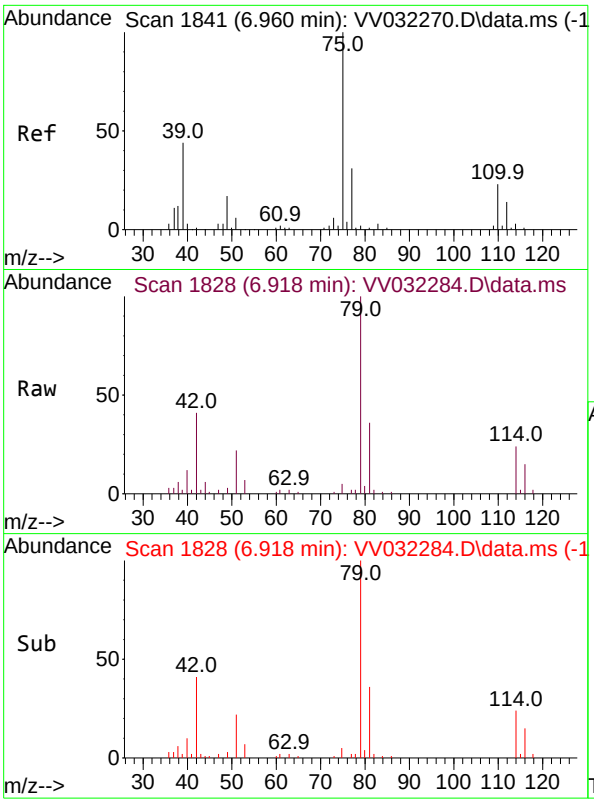


#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.106 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion: 63 Resp: 4073

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



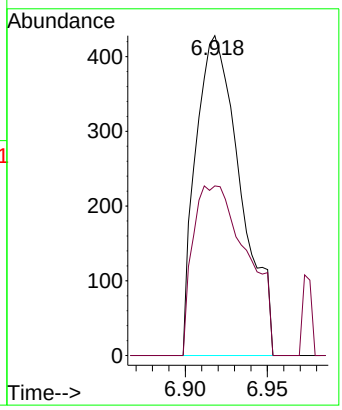


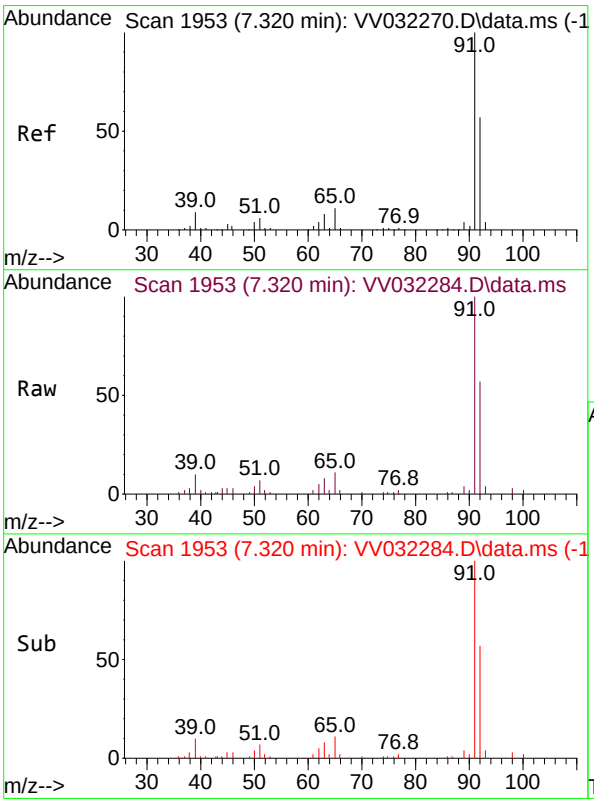
#39
cis-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 6.918 min Scan# 1
Delta R.T. -0.042 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 812

Ion	Ratio	Lower	Upper
75	100		
77	53.0	22.2	41.2#

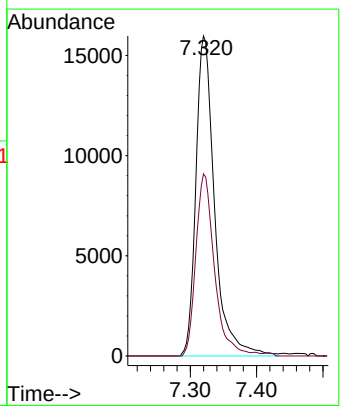


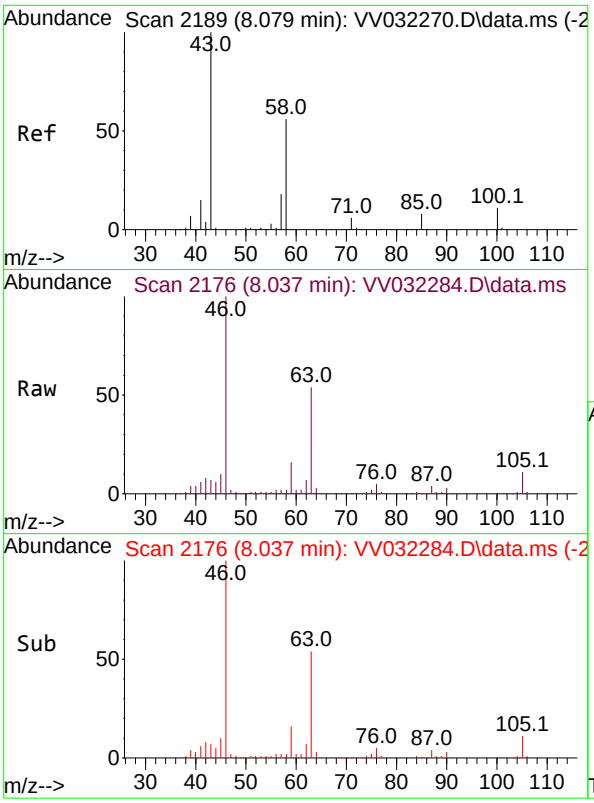


#42
Toluene
Concen: 1.044 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion: 91 Resp: 31268

Ion	Ratio	Lower	Upper
91	100		
92	56.9	40.8	75.8



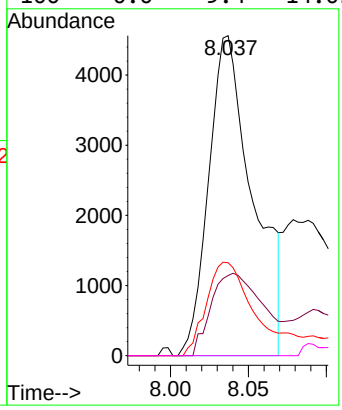


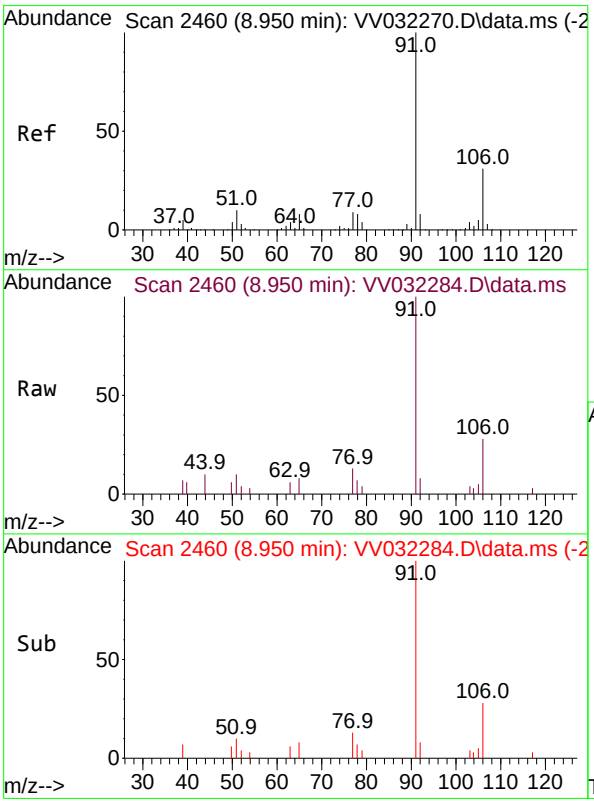
#48
2-Hexanone
Concen: 2.686 ug/L
RT: 8.037 min Scan# 21
Delta R.T. -0.042 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 9008

Ion	Ratio	Lower	Upper
43	100		
58	30.6	43.6	65.4#
57	32.8	14.6	22.0#
100	0.0	9.4	14.0#

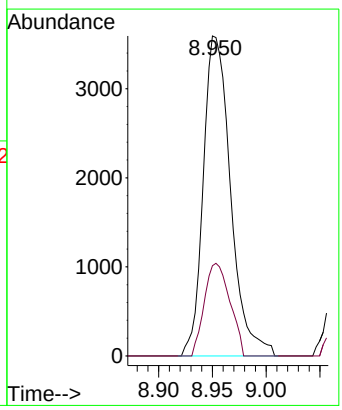


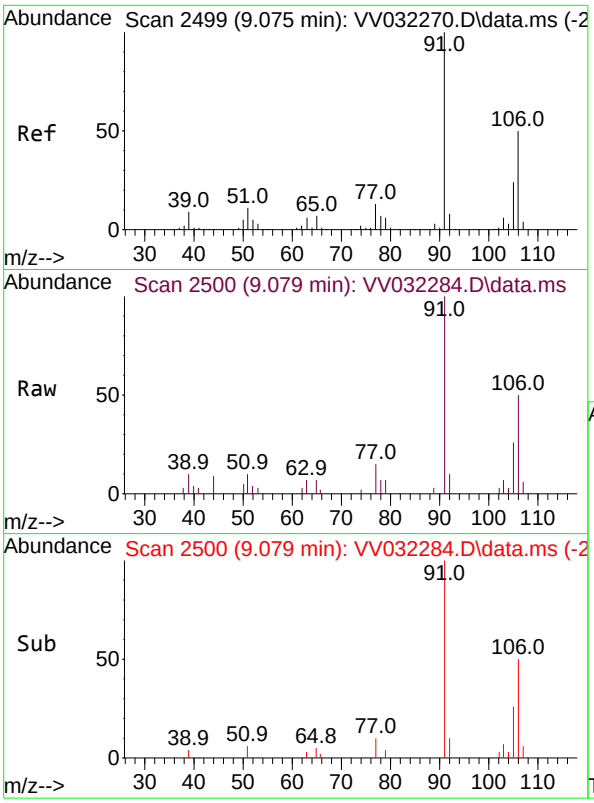


#52
Ethylbenzene
Concen: 0.191 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion: 91 Resp: 6367

Ion	Ratio	Lower	Upper
91	100		
106	28.2	21.3	39.5



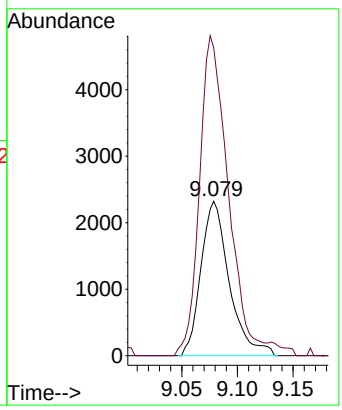


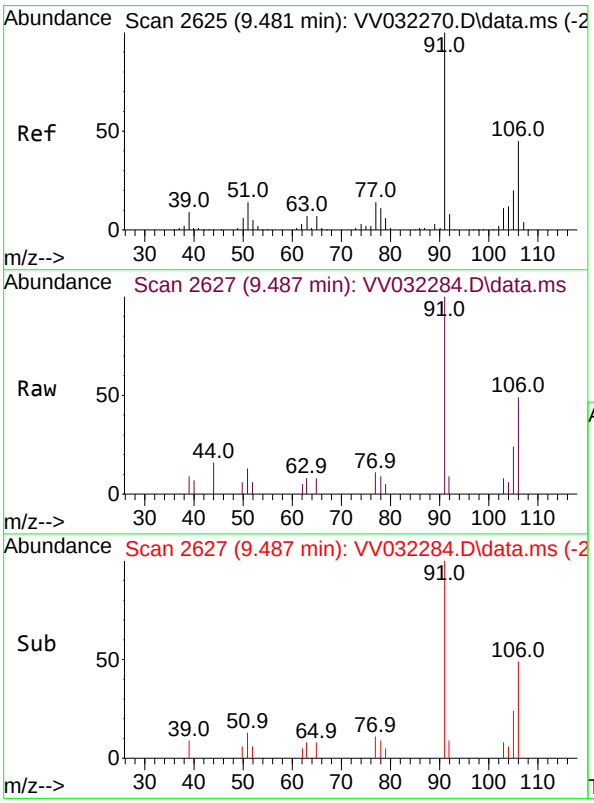
#53
m,p-Xylene
Concen: 0.333 ug/L
RT: 9.079 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 4114

Ion	Ratio	Lower	Upper
106	100		
91	199.4	144.5	268.3

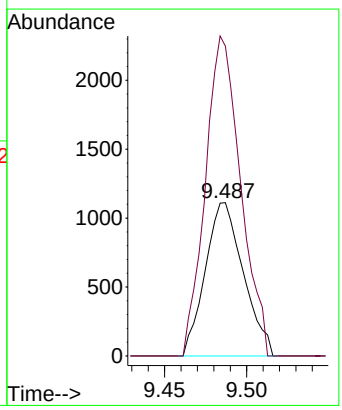


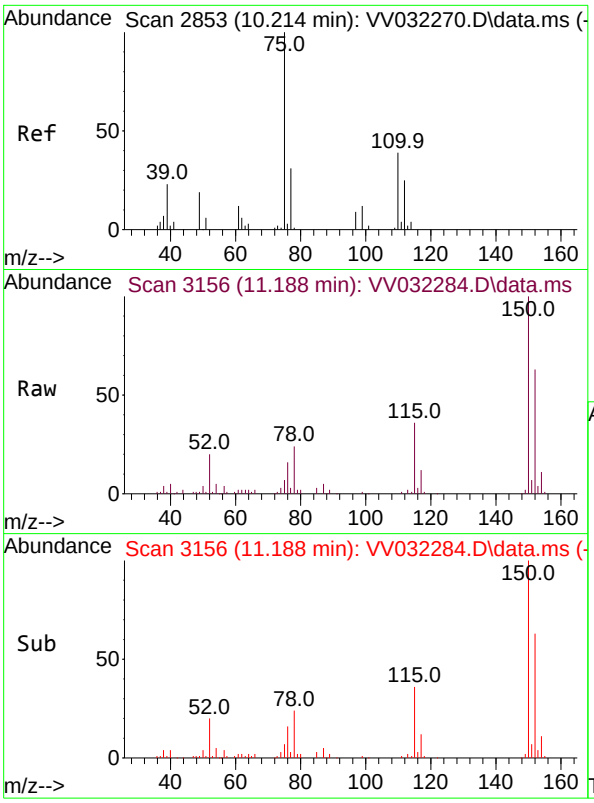


#54
o-Xylene
Concen: 0.151 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.006 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion:106 Resp: 1794

Ion	Ratio	Lower	Upper
106	100		
91	202.2	154.8	287.4



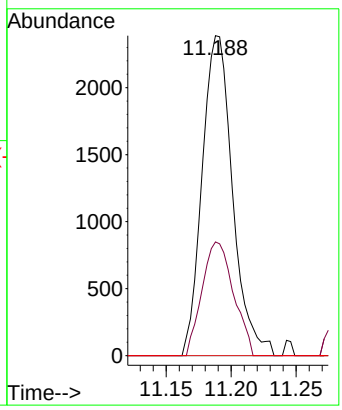


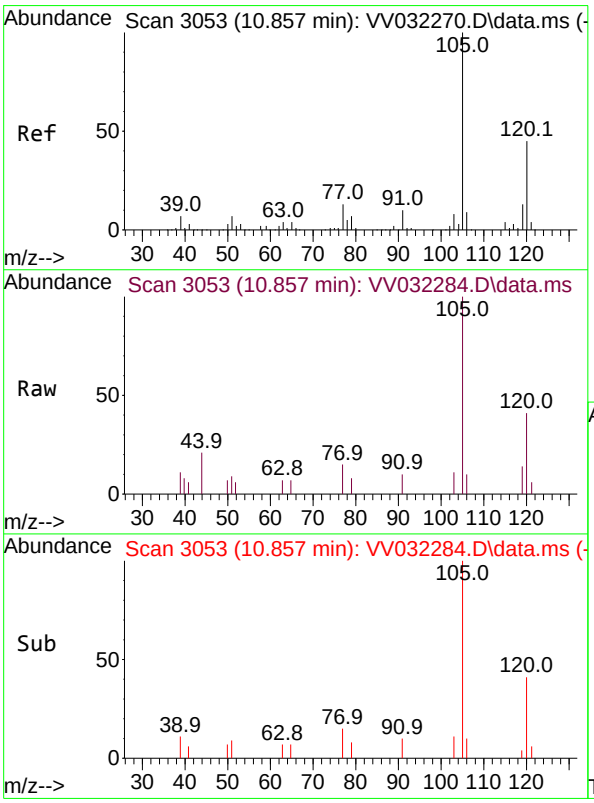
#61
1,2,3-Trichloropropane
Concen: 1.129 ug/L
RT: 11.188 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 3892

Ion	Ratio	Lower	Upper
75	100		
77	36.7	26.2	39.2
110	0.0	30.6	46.0#





#63
1,2,4-Trimethylbenzene
Concen: 0.133 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion:105 Resp: 2714

Ion	Ratio	Lower	Upper
105	100		
120	42.4	36.2	54.4