Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Quant Time: Oct 28 05:39:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 05:21:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	156005	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	153576	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	73796	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	75685	6.976	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 139.600%#			
7) Chloroethane-d5	1.565	69	64502	7.031	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 140.600%#			
11) 1,1-Dichloroethene-d2	2.101	63	109117	5.199	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.000%			
20) 2-Butanone-d5	3.905	46	96430	38.977	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.960%			
24) Chloroform-d	4.343	84	115994	6.157	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 123.200%			
26) 1,2-Dichloroethane-d4	5.031	65	59649	6.240	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 124.800%			
32) Benzene-d6	5.043	84	236897	5.768	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.400%			
36) 1,2-Dichloropropane-d6	6.066	67	84937	6.533	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 130.600%			
41) Toluene-d8	7.310	98	197068	6.149	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 123.000%			
43) trans-1,3-Dichloroprop...	7.625	79	11985	2.967	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 59.400%			
46) 2-Hexanone-d5	8.088	63	90802	48.294	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.580%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	52820	6.126	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 122.600%#			
66) 1,2-Dichlorobenzene-d4	11.616	152	66306	6.514	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 130.200%#			
Target Compounds						Qvalue
3) Chloromethane	1.237	50	2078	0.169	ug/L	84
6) Bromomethane	1.519	94	554	0.095	ug/L	88
8) Chloroethane	1.581	64	98020	11.813	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1160	0.120	ug/L #	27
12) 1,1-Dichloroethene	2.105	96	1128	0.132	ug/L #	1
13) Acetone	2.185	43	11675	7.951	ug/L	99
14) Carbon disulfide	2.291	76	4182	0.211	ug/L	95
16) Methylene chloride	2.500	84	4204	0.356	ug/L	90
17) Methyl tert-butyl Ether	2.770	73	1778	0.079	ug/L #	1
18) trans-1,2-Dichloroethene	2.757	96	2774	0.321	ug/L	96
19) 1,1-Dichloroethane	3.179	63	2553	0.123	ug/L #	88
30) Cyclohexane	4.670	56	34753	1.816	ug/L	97
33) Benzene	5.092	78	408404	8.898	ug/L	100
35) Methylcyclohexane	6.127	83	26903	1.713	ug/L	94
37) 1,2-Dichloropropane	6.066	63	9218	0.786	ug/L #	88
42) Toluene	7.391	91	30443	0.700	ug/L	96
51) Chlorobenzene	8.876	112	11420865	416.752	ug/L	90
52) Ethylbenzene	9.011	91	27739	0.574	ug/L	98
53) m,p-Xylene	9.137	106	20727	1.187	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Quant Time: Oct 28 05:39:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 05:21:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) o-Xylene	9.538	106	17812	1.014	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.262	83	3359	0.372	ug/L	#	36
60) Isopropylbenzene	9.924	105	3921014	84.436	ug/L		99
61) 1,2,3-Trichloropropane	9.924	75	51859	8.185	ug/L	#	1
62) 1,3,5-Trimethylbenzene	10.728	105	242056	17.868	ug/L	#	73
63) 1,2,4-Trimethylbenzene	10.728	105	242056	6.452	ug/L	#	76
64) 1,3-Dichlorobenzene	11.178	146	14067	0.703	ug/L		98
65) 1,4-Dichlorobenzene	11.265	146	123250	6.176	ug/L		99
67) 1,2-Dichlorobenzene	11.635	146	58564	3.202	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.403	75	2770	2.123	ug/L	#	9
71) Naphthalene	13.500	128	8632	0.436	ug/L		96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
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ClientSampleId :
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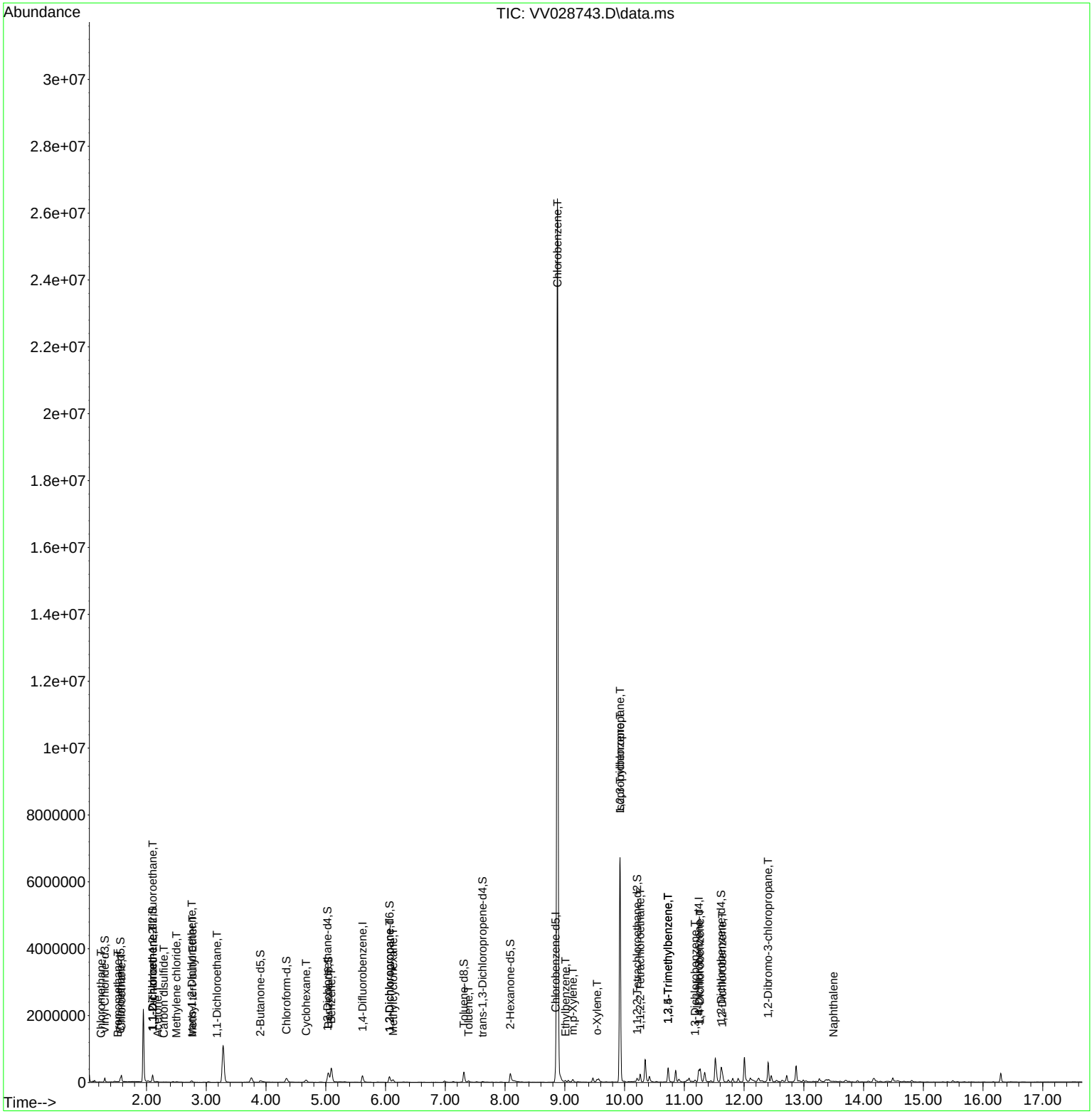
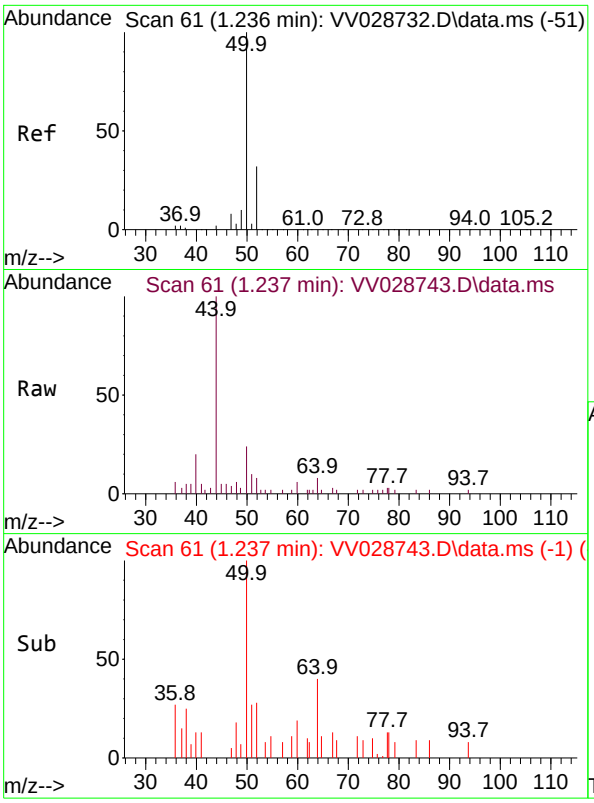
Quant Time: Oct 28 05:39:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 05:21:35 2022
Response via : Initial Calibration



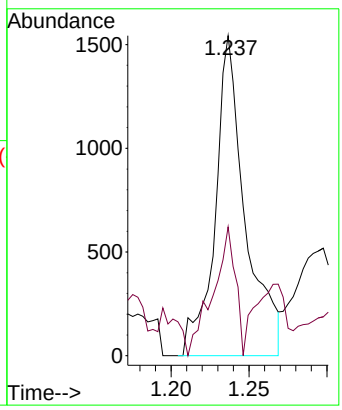


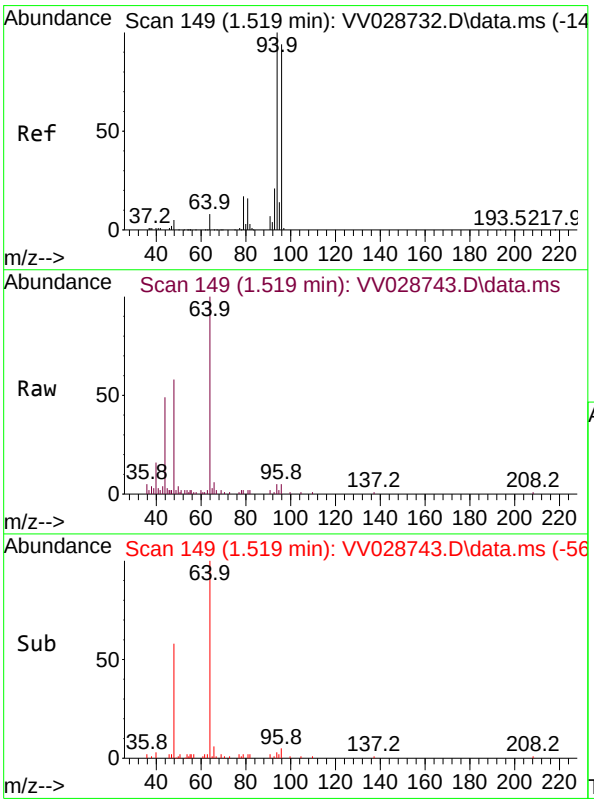
#3
Chloromethane
Concen: 0.169 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 50 Resp: 2078

Ion	Ratio	Lower	Upper
50	100		
52	40.2	21.8	40.6

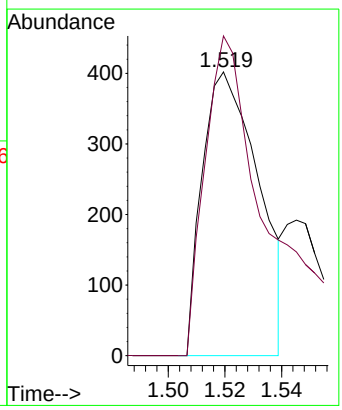


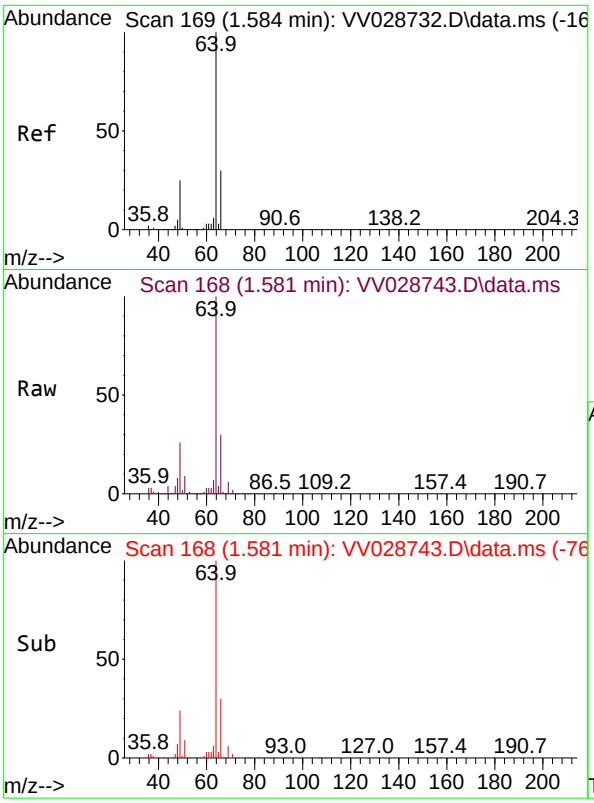


#6
Bromomethane
Concen: 0.095 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion: 94 Resp: 554

Ion	Ratio	Lower	Upper
94	100		
96	80.2	64.3	119.3



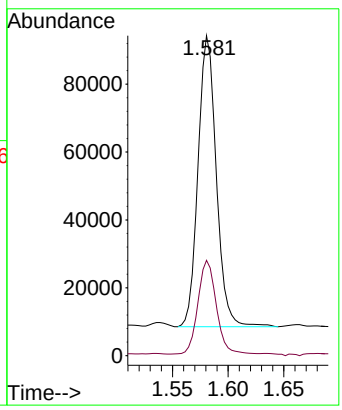


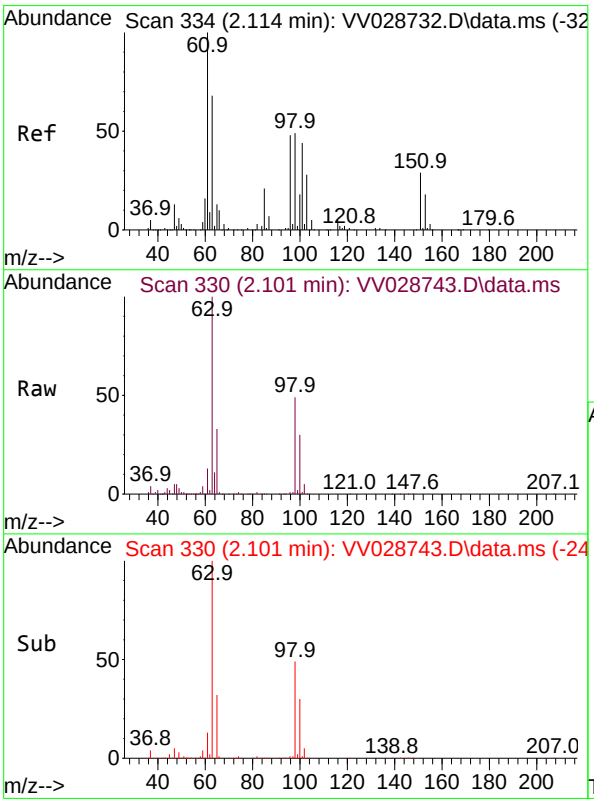
#8
Chloroethane
Concen: 11.813 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 64 Resp: 98020

Ion	Ratio	Lower	Upper
64	100		
66	29.8	23.9	44.5

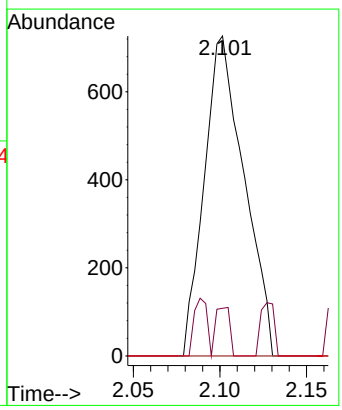


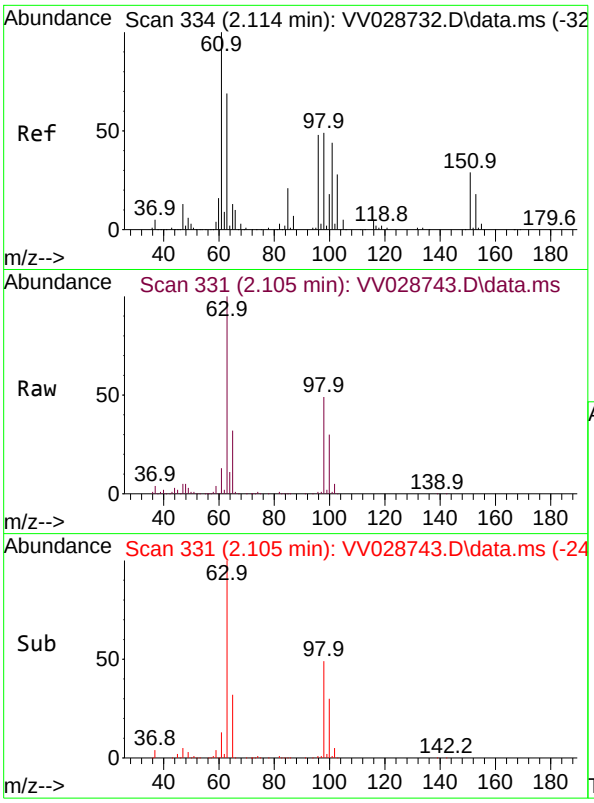


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.120 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.013 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion:101 Resp: 1160

Ion	Ratio	Lower	Upper
101	100		
85	5.4	37.0	55.6#
151	0.0	50.2	75.2#



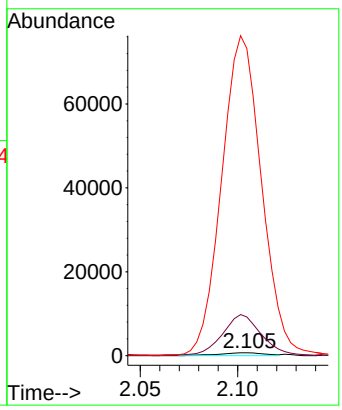


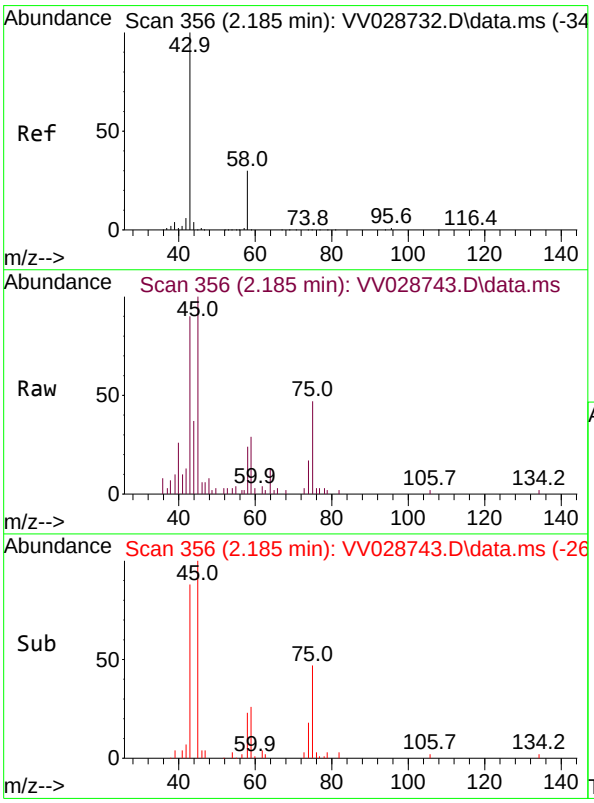
#12
1,1-Dichloroethene
Concen: 0.132 ug/L
RT: 2.105 min Scan# 3
Delta R.T. -0.010 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 96 Resp: 1128

Ion	Ratio	Lower	Upper
96	100		
61	1325.5	148.1	275.1#
63	10537.0	133.3	247.7#

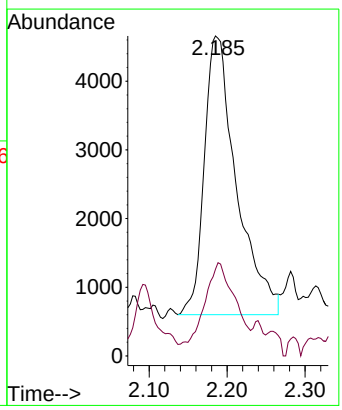


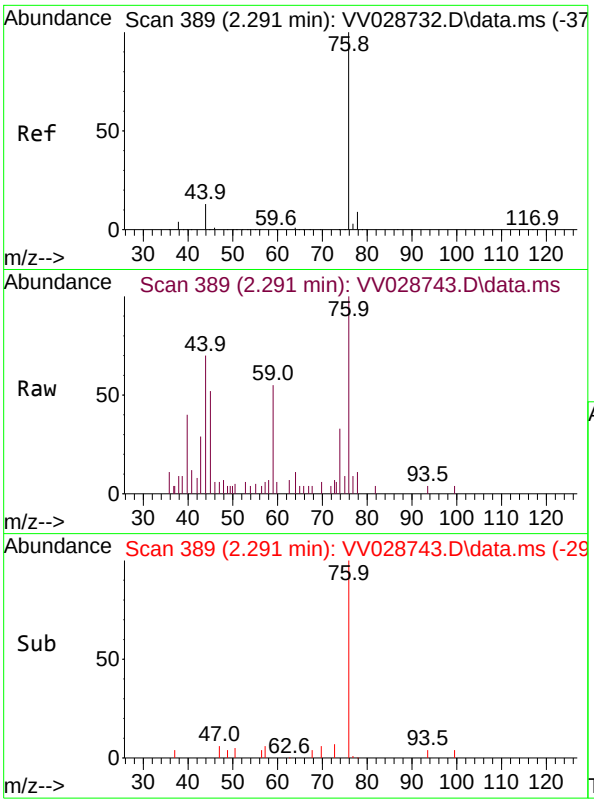


#13
Acetone
Concen: 7.951 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion: 43 Resp: 11675

Ion	Ratio	Lower	Upper
43	100		
58	25.8	0.0	50.2



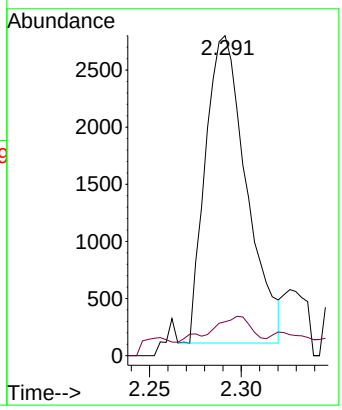


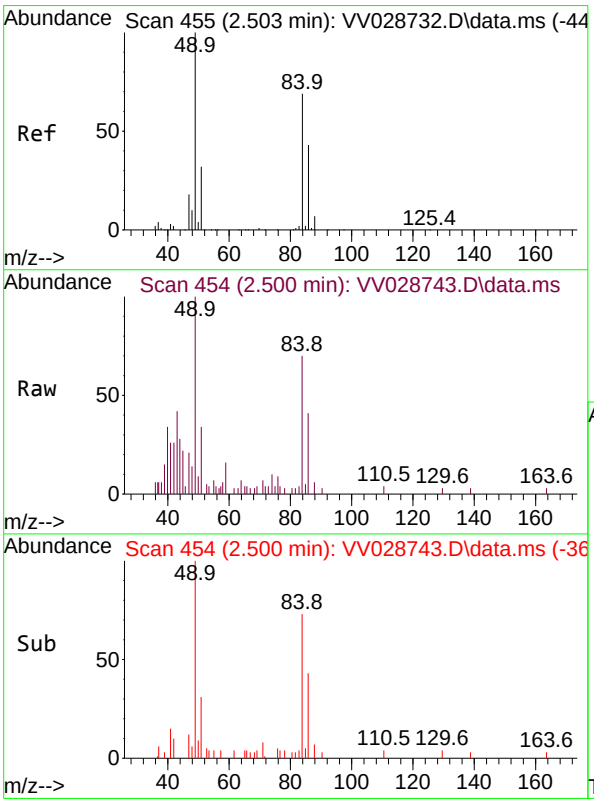
#14
Carbon disulfide
Concen: 0.211 ug/L
RT: 2.291 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 76 Resp: 4182

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.1	10.7

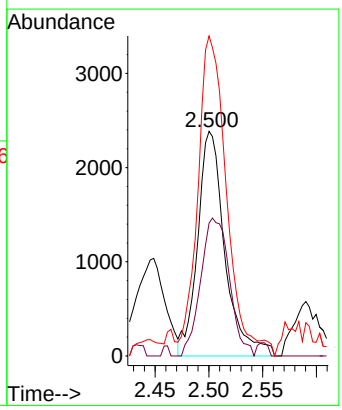


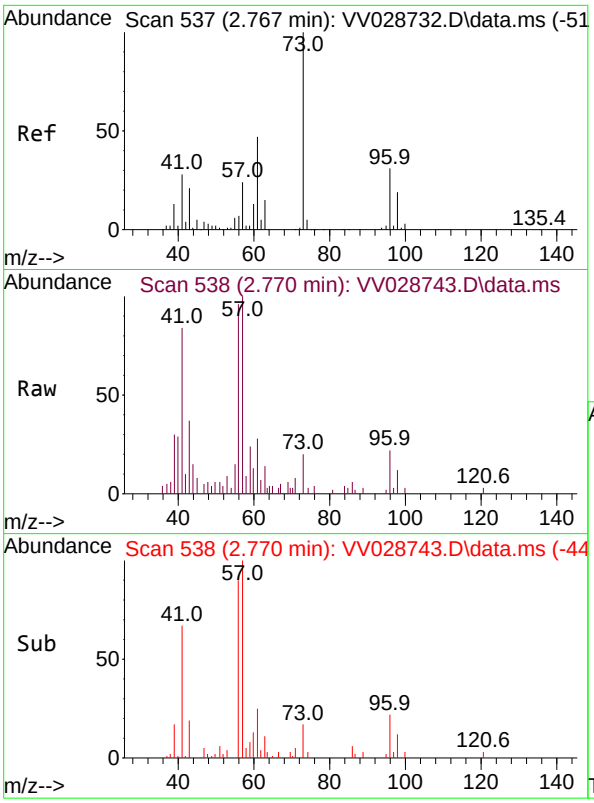


#16
Methylene chloride
Concen: 0.356 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion: 84 Resp: 4204

Ion	Ratio	Lower	Upper
84	100		
86	59.1	44.4	82.4
49	142.5	110.8	205.8



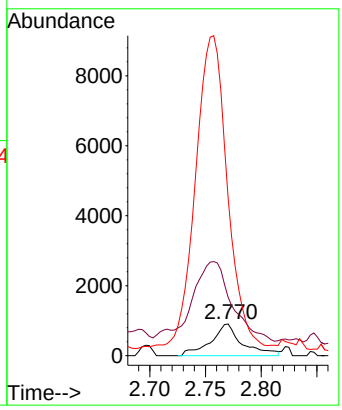


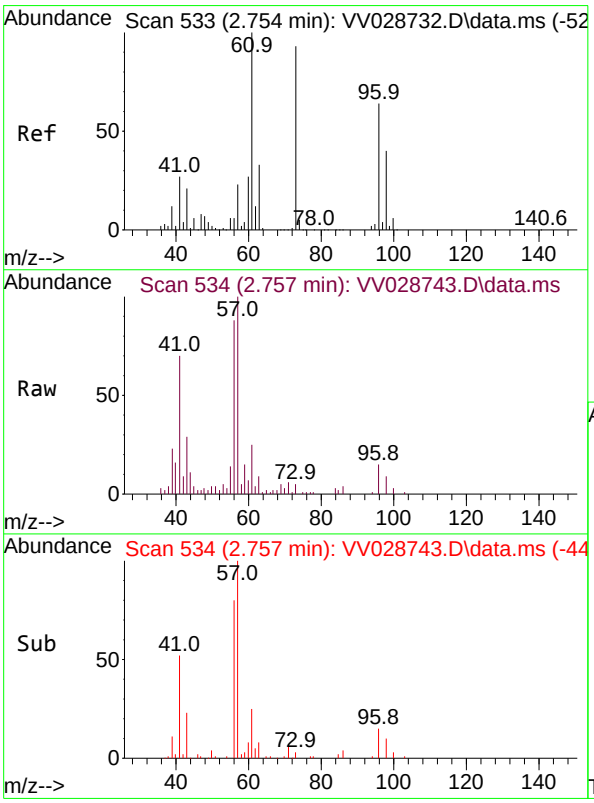
#17
Methyl tert-butyl Ether
Concen: 0.079 ug/L
RT: 2.770 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 73 Resp: 1778

Ion	Ratio	Lower	Upper
73	100		
43	302.6	18.0	27.0#
57	1008.0	20.0	30.0#

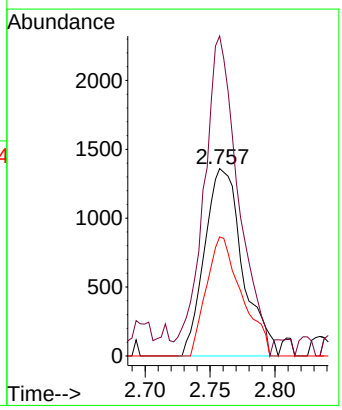


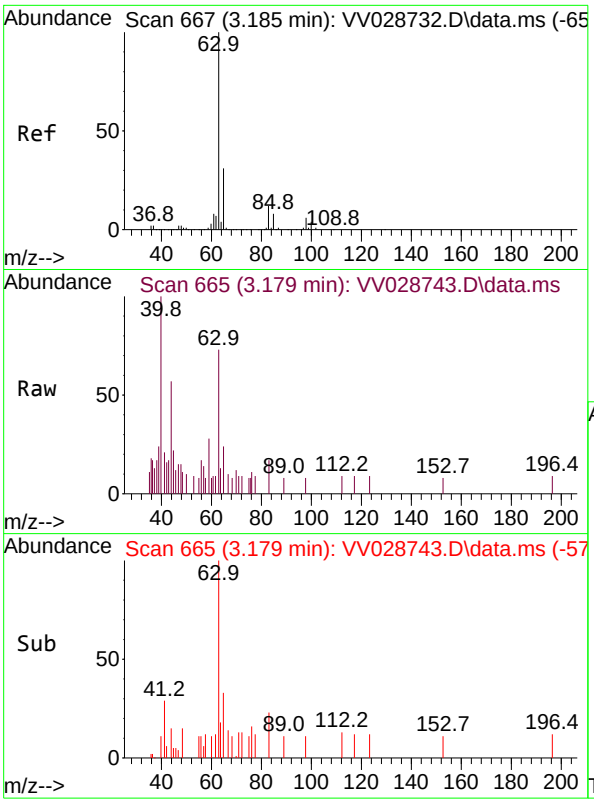


#18
trans-1,2-Dichloroethene
Concen: 0.321 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion: 96 Resp: 2774

Ion	Ratio	Lower	Upper
96	100		
61	170.8	114.3	212.3
98	63.5	45.0	83.6



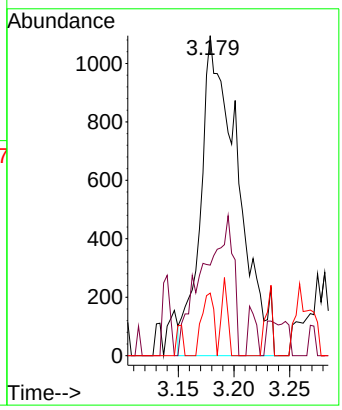


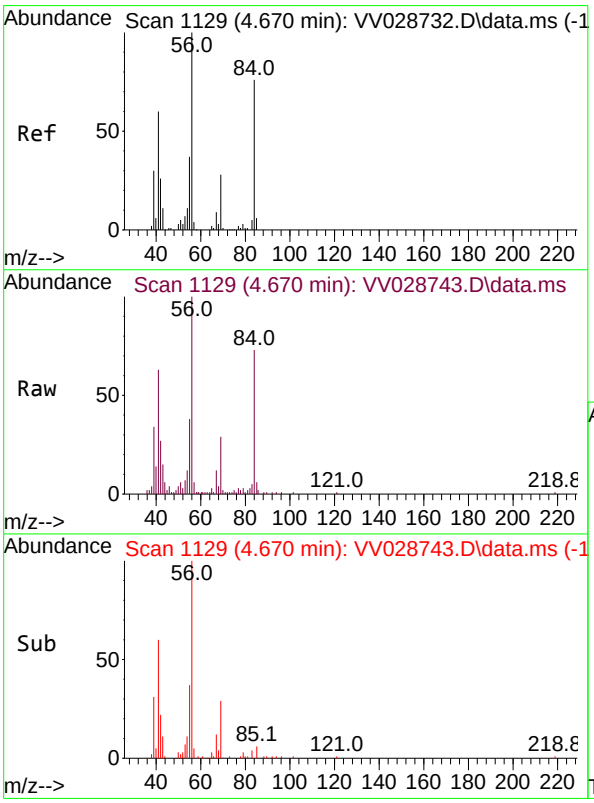
#19
1,1-Dichloroethane
Concen: 0.123 ug/L
RT: 3.179 min Scan# 6
Delta R.T. -0.006 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 63 Resp: 2553

Ion	Ratio	Lower	Upper
63	100		
65	28.3	23.1	42.9
83	19.5	7.9	14.7#

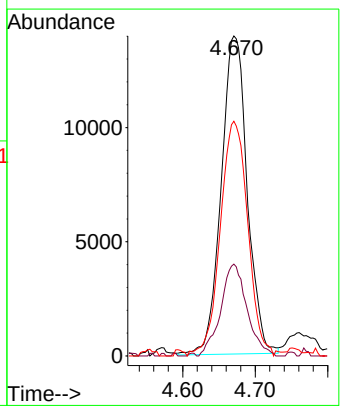


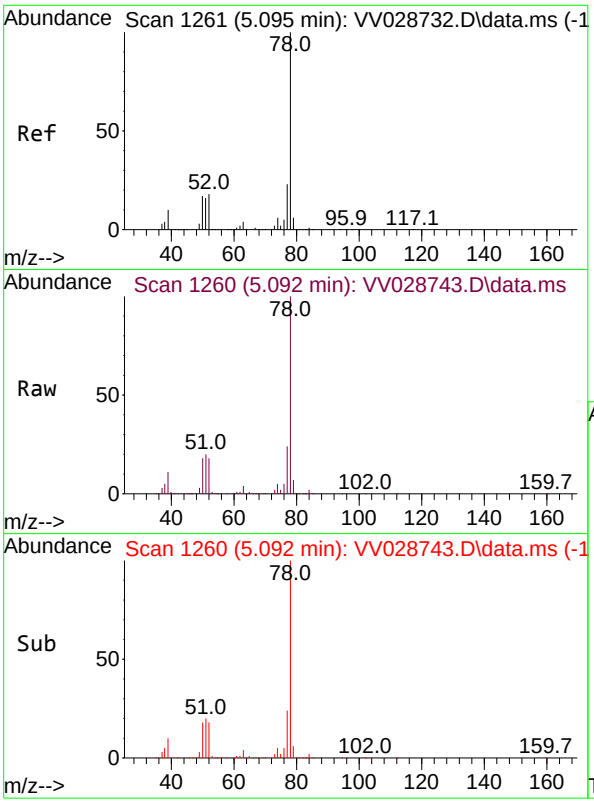


#30
Cyclohexane
Concen: 1.816 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion: 56 Resp: 34753

Ion	Ratio	Lower	Upper
56	100		
69	29.2	22.6	34.0
84	77.9	60.4	90.6

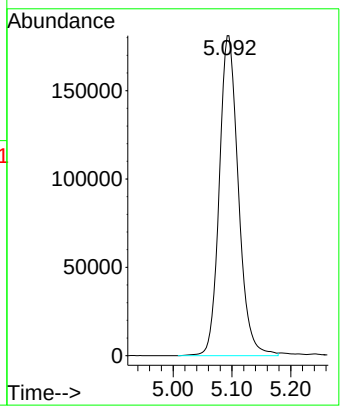


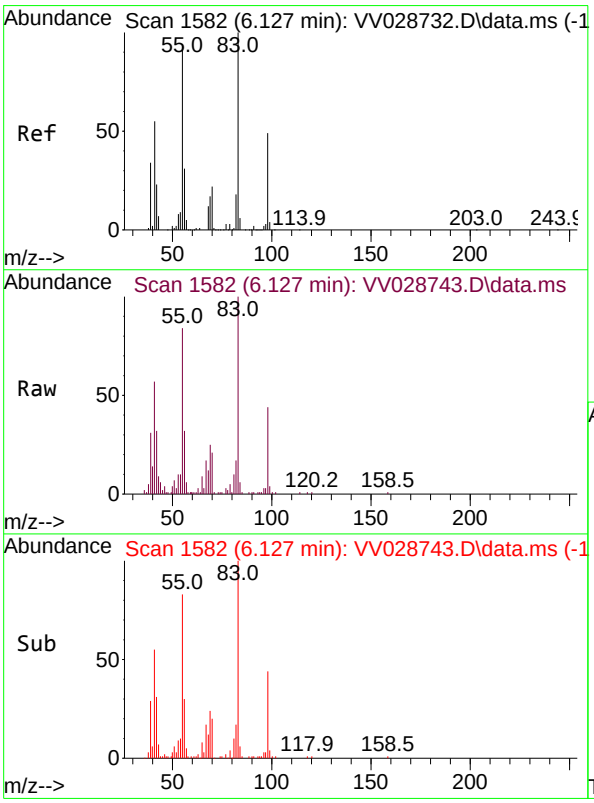


#33
Benzene
Concen: 8.898 ug/L
RT: 5.092 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 78 Resp: 408404

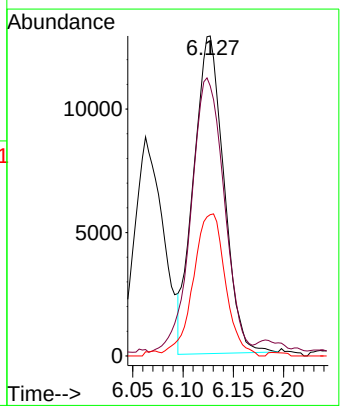


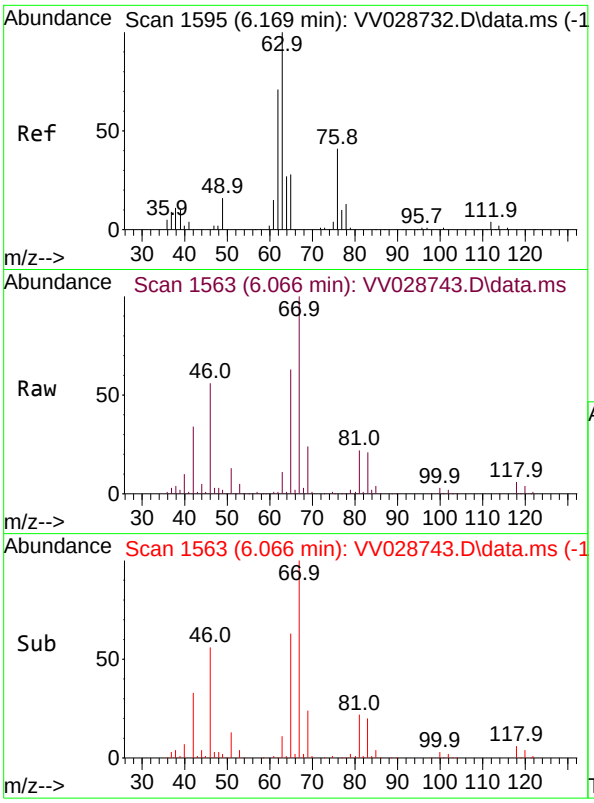


#35
Methylcyclohexane
Concen: 1.713 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion: 83 Resp: 26903

Ion	Ratio	Lower	Upper
83	100		
55	94.1	70.0	105.0
98	47.5	35.6	53.4



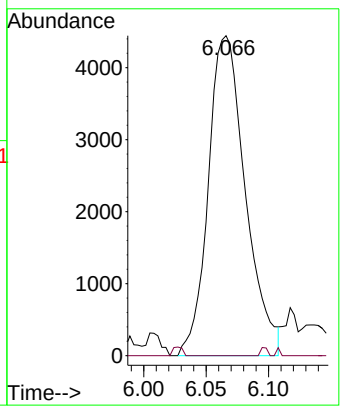


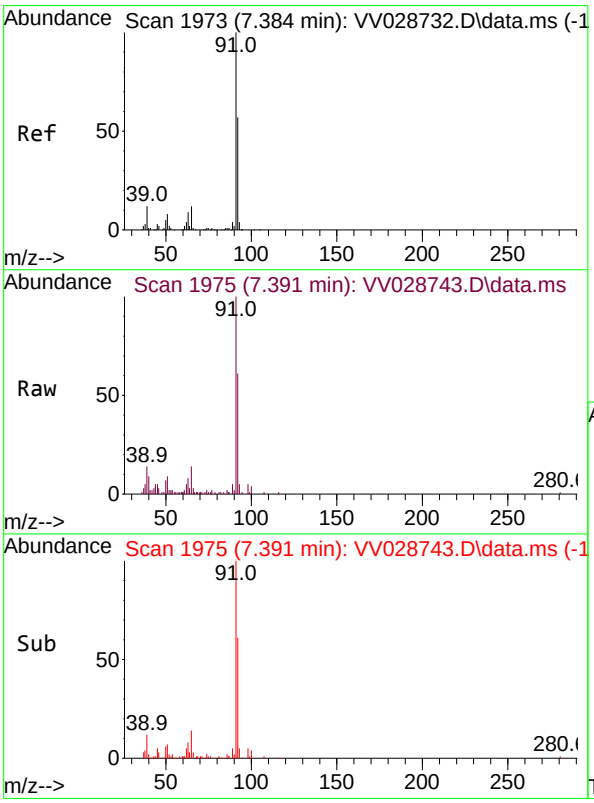
#37
1,2-Dichloropropane
Concen: 0.786 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 63 Resp: 9218

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.4	5.2#

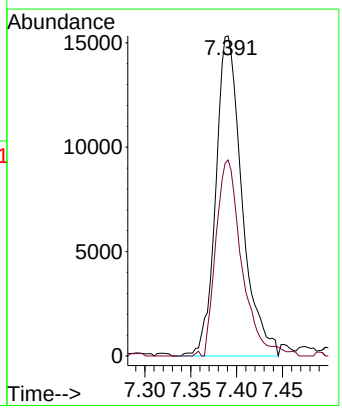


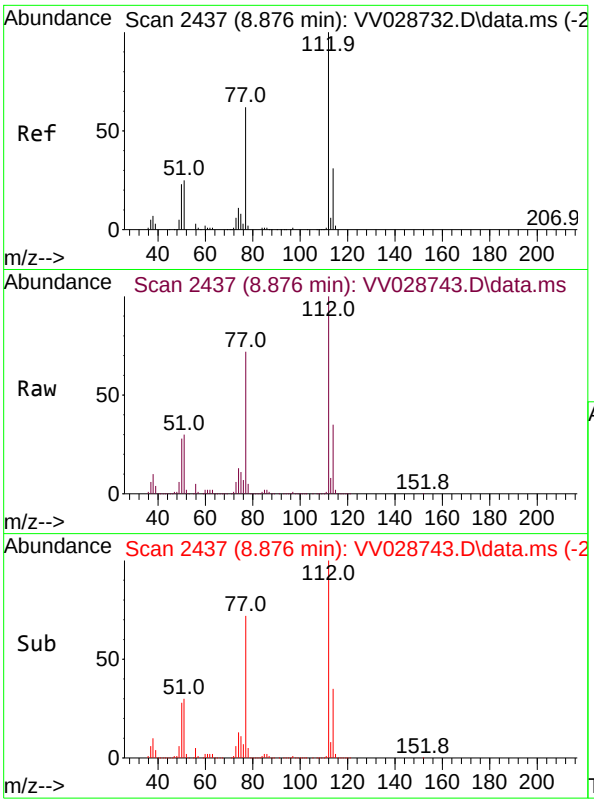


#42
Toluene
Concen: 0.700 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.007 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion: 91 Resp: 30443

Ion	Ratio	Lower	Upper
91	100		
92	61.2	40.5	75.3



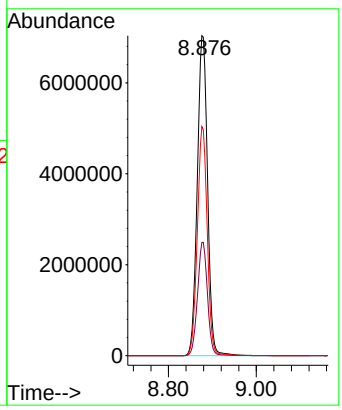


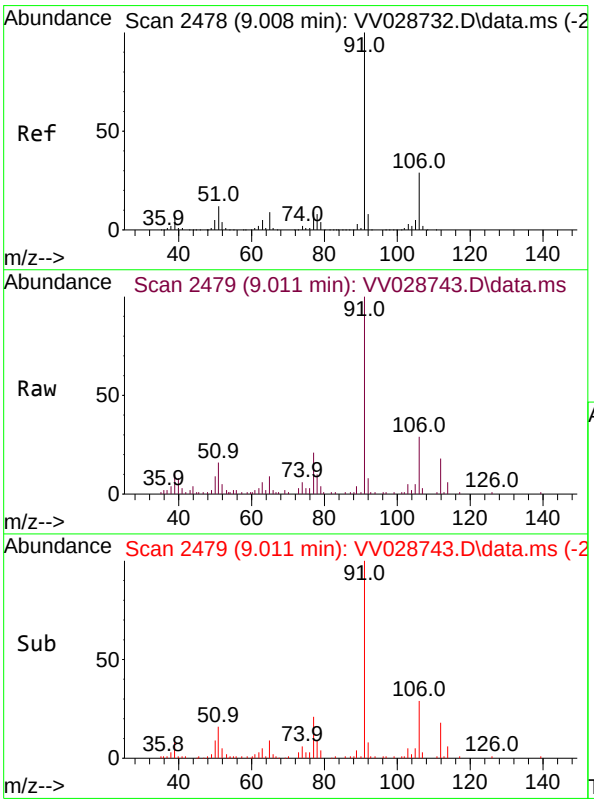
#51
Chlorobenzene
Concen: 416.752 ug/L
RT: 8.876 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion:112 Resp:11420865

Ion	Ratio	Lower	Upper
112	100		
114	35.4	22.0	41.0
77	71.6	50.0	75.0

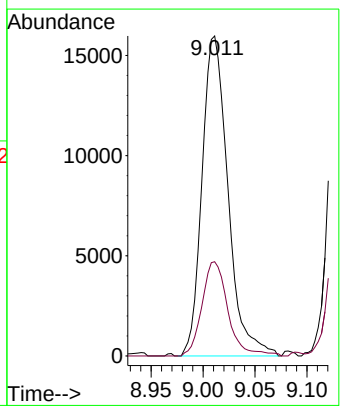


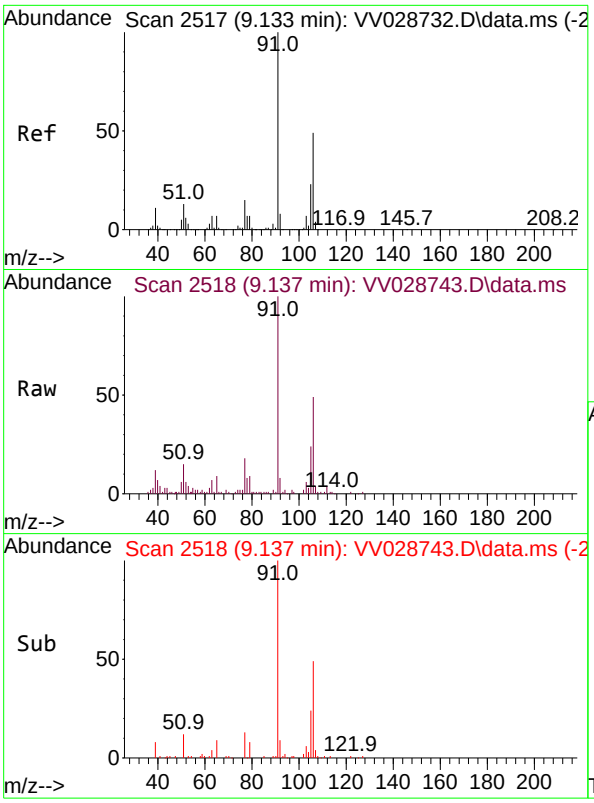


#52
Ethylbenzene
Concen: 0.574 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion: 91 Resp: 27739

Ion	Ratio	Lower	Upper
91	100		
106	29.4	21.3	39.6



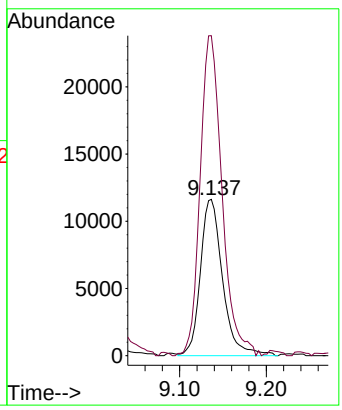


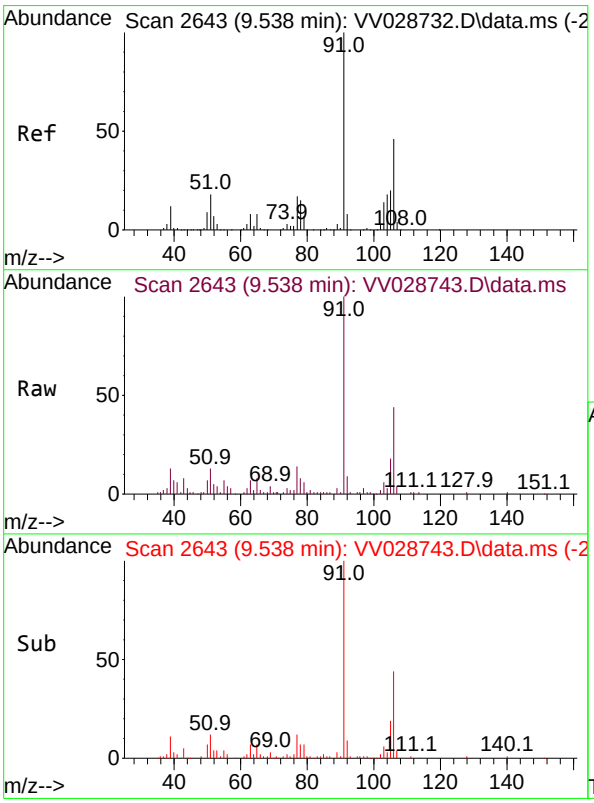
#53
m,p-Xylene
Concen: 1.187 ug/L
RT: 9.137 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion:106 Resp: 20727

Ion	Ratio	Lower	Upper
106	100		
91	204.8	145.5	270.1

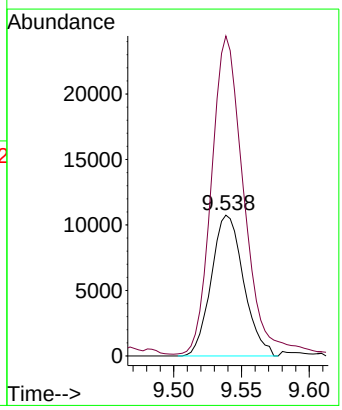


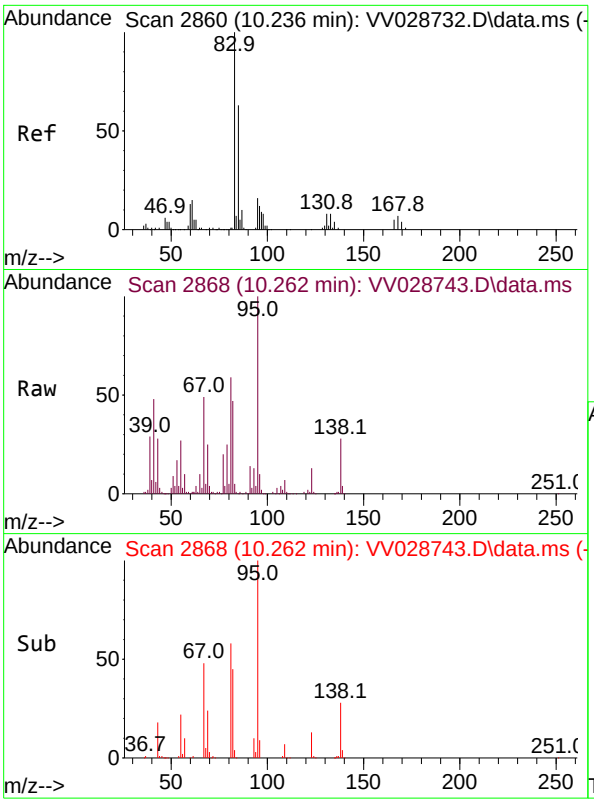


#54
o-Xylene
Concen: 1.014 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion:106 Resp: 17812

Ion	Ratio	Lower	Upper
106	100		
91	227.2	159.0	295.4



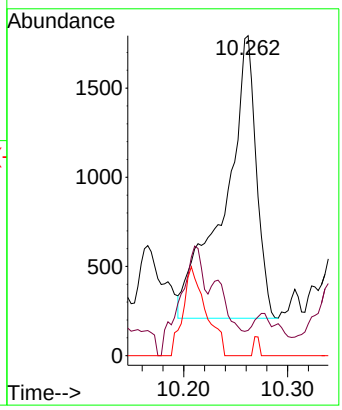


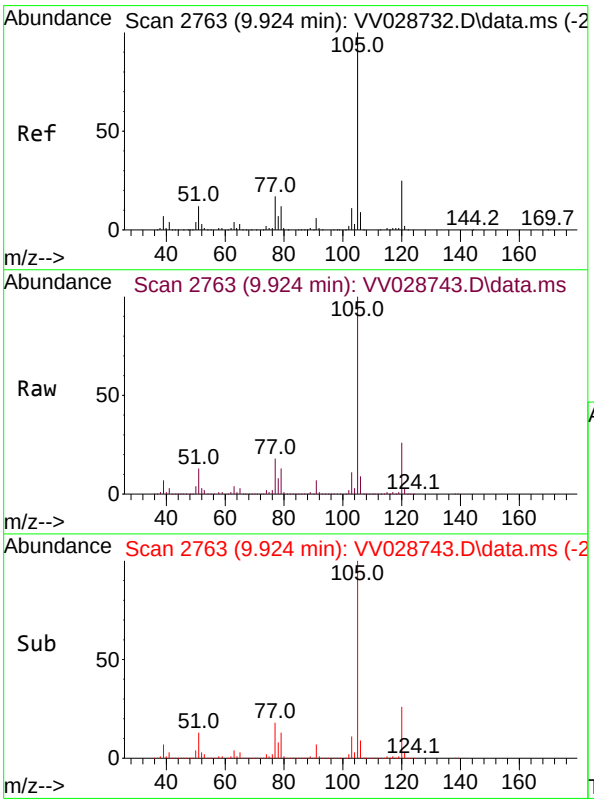
#57
1,1,2,2-Tetrachloroethane
Concen: 0.372 ug/L
RT: 10.262 min Scan# 2
Delta R.T. 0.026 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 83 Resp: 3359

Ion	Ratio	Lower	Upper
83	100		
85	7.9	43.0	80.0#
131	0.0	6.5	9.7#

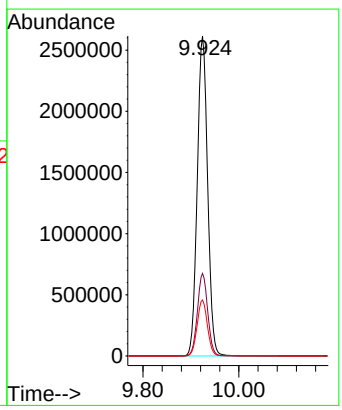


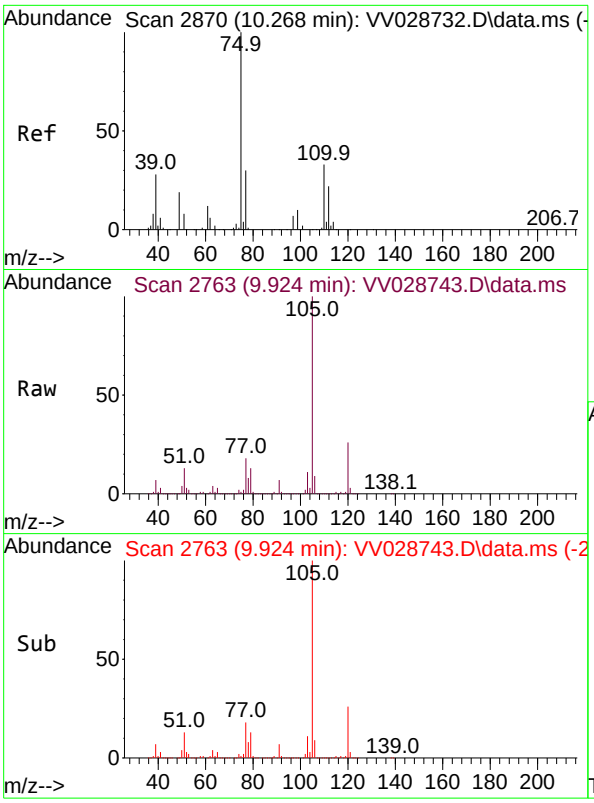


#60
Isopropylbenzene
Concen: 84.436 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion:105 Resp: 3921014

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.1	30.1
77	17.4	13.4	20.0



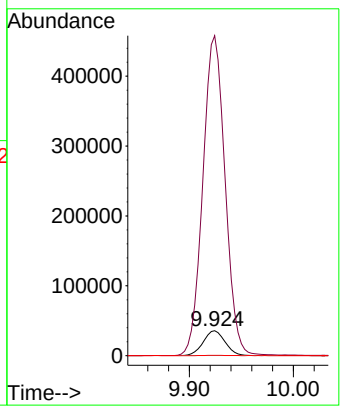


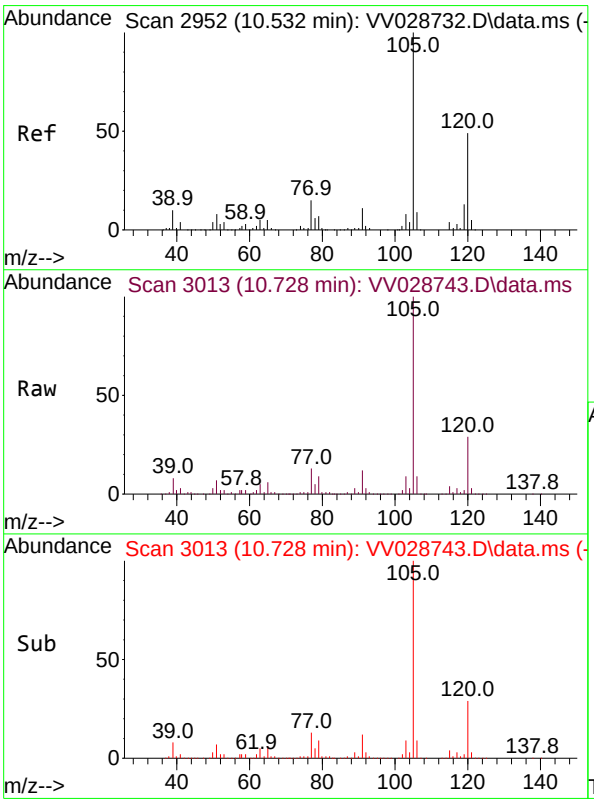
#61
1,2,3-Trichloropropane
Concen: 8.185 ug/L
RT: 9.924 min Scan# 2
Delta R.T. -0.344 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 75 Resp: 51859

Ion	Ratio	Lower	Upper
75	100		
77	1315.2	25.2	37.8#
110	1.5	27.9	41.9#

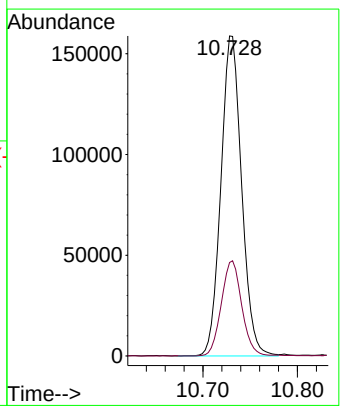


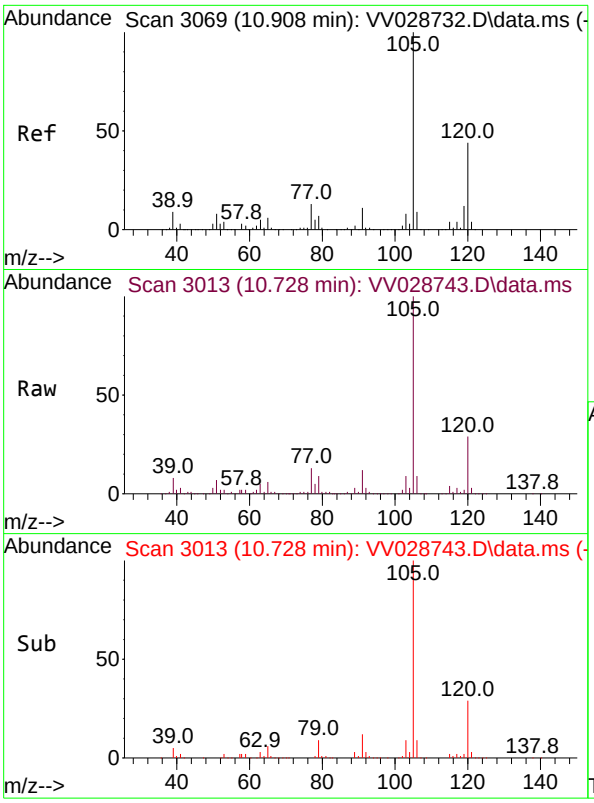


#62
1,3,5-Trimethylbenzene
Concen: 17.868 ug/L
RT: 10.728 min Scan# 3013
Delta R.T. 0.196 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion:105 Resp: 242056

Ion	Ratio	Lower	Upper
105	100		
120	29.5	38.3	57.5#



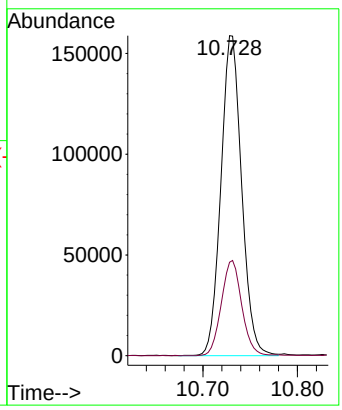


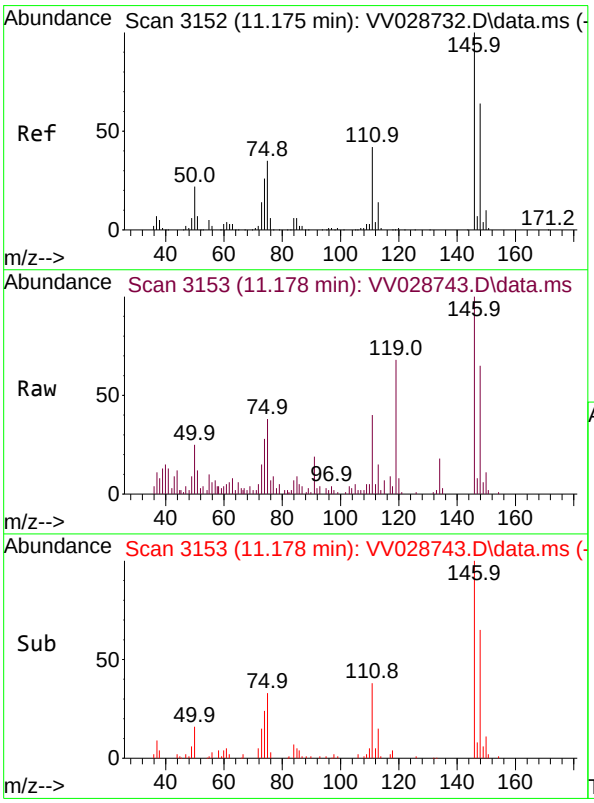
#63
1,2,4-Trimethylbenzene
Concen: 6.452 ug/L
RT: 10.728 min Scan# 3
Delta R.T. -0.180 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion:105 Resp: 242056

Ion	Ratio	Lower	Upper
105	100		
120	29.5	36.2	54.2#

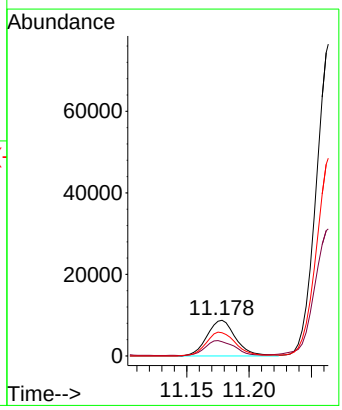


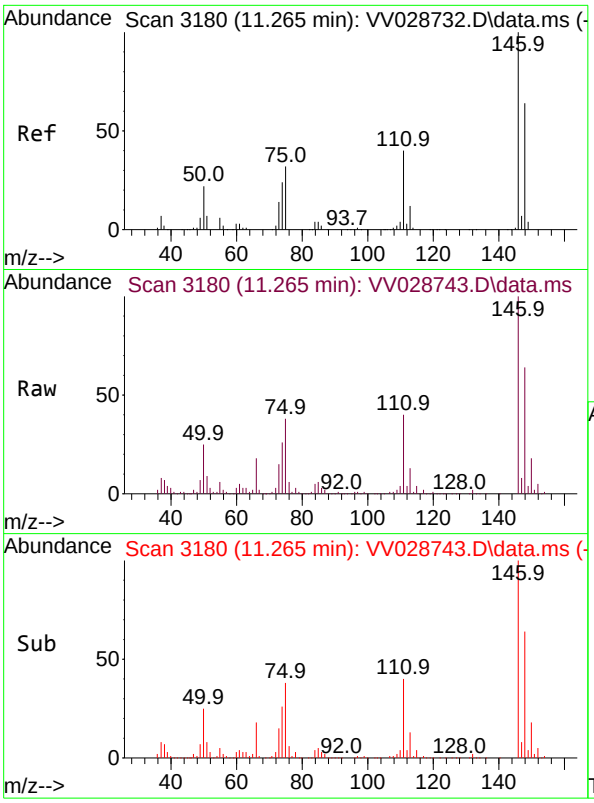


#64
1,3-Dichlorobenzene
Concen: 0.703 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion:146 Resp: 14067

Ion	Ratio	Lower	Upper
146	100		
111	39.9	29.0	53.9
148	65.0	44.5	82.7



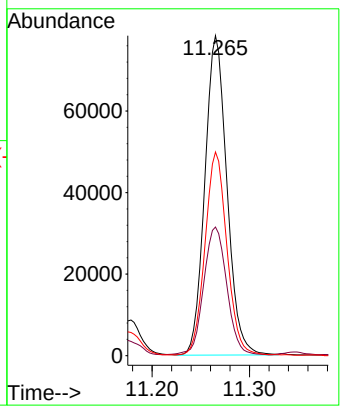


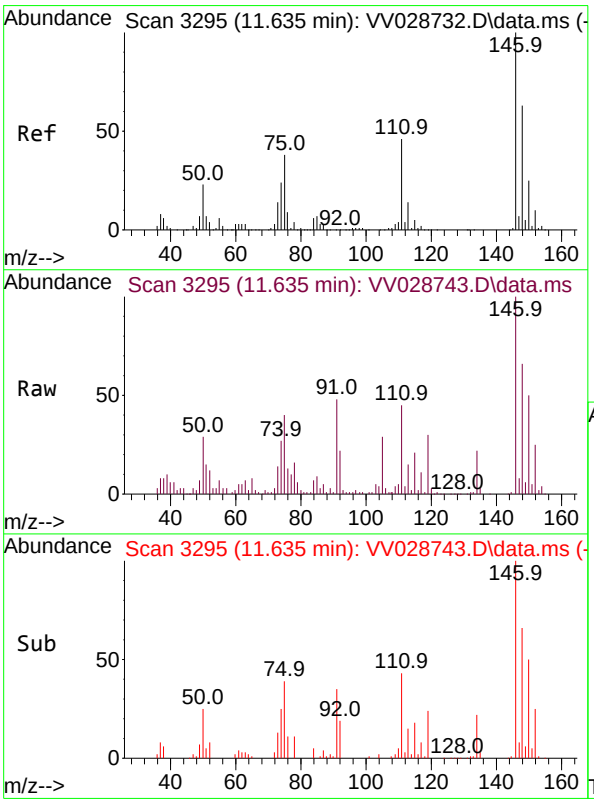
#65
1,4-Dichlorobenzene
Concen: 6.176 ug/L
RT: 11.265 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion:146 Resp: 123250

Ion	Ratio	Lower	Upper
146	100		
111	40.2	28.6	53.2
148	63.6	44.3	82.3

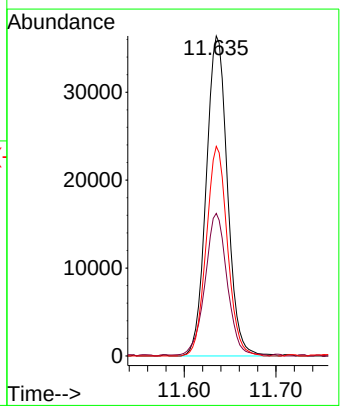


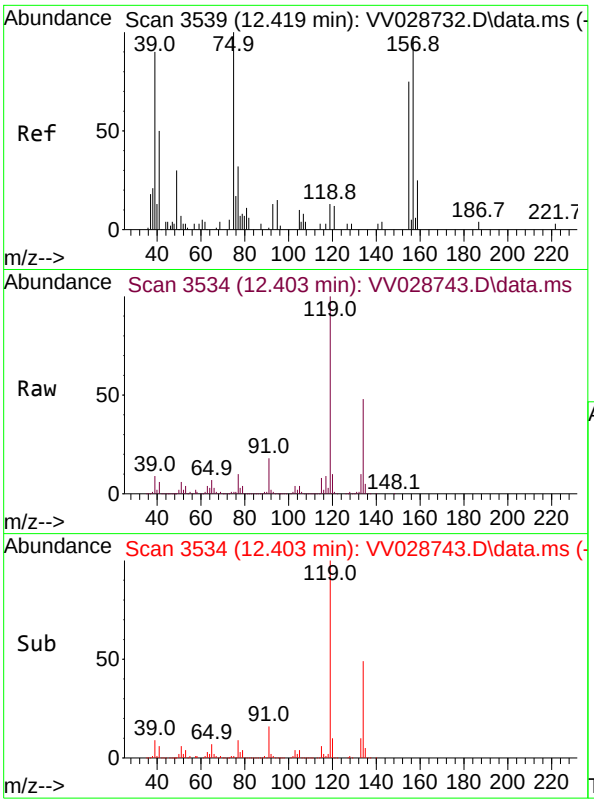


#67
1,2-Dichlorobenzene
Concen: 3.202 ug/L
RT: 11.635 min Scan# 3295
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion:146 Resp: 58564

Ion	Ratio	Lower	Upper
146	100		
111	44.6	36.2	54.4
148	65.5	50.6	75.8



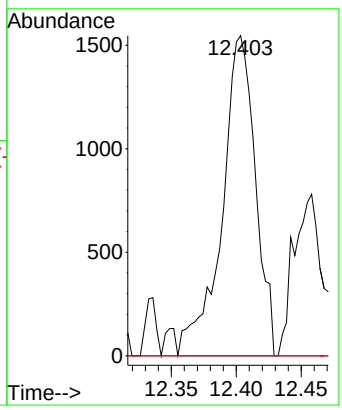


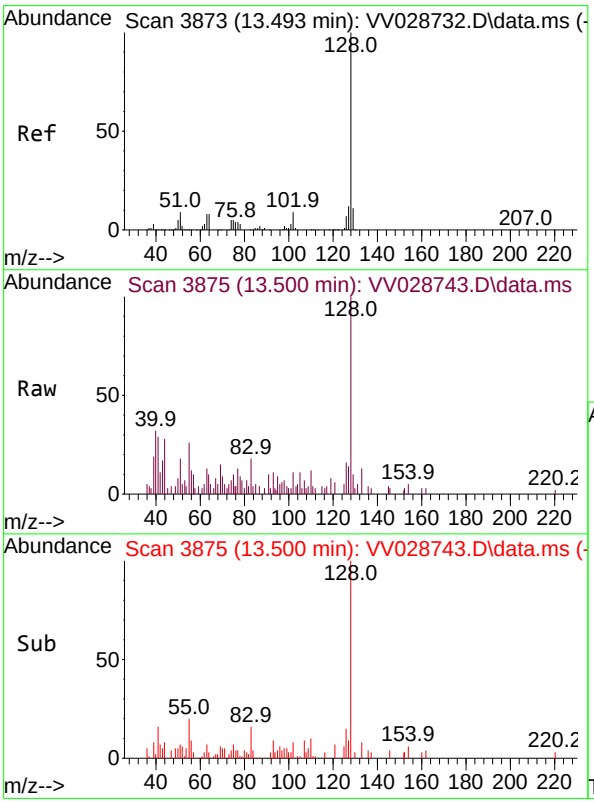
#68
1,2-Dibromo-3-chloropropane
Concen: 2.123 ug/L
RT: 12.403 min Scan# 3
Delta R.T. -0.016 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 75 Resp: 2770

Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.2	87.2#
157	0.0	71.5	107.3#





#71
Naphthalene
Concen: 0.436 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.007 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion:128 Resp: 8632

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	14.6	10.2	15.4