Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023543.D
Acq On : 16 Nov 2021 18:49
Operator : SY/MD
Sample : M4617-14DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG218DL

Quant Time: Nov 17 00:54:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 00:48:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117117	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118192	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51060	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	28198	3.843	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	76.800%		
7) Chloroethane-d5	1.568	69	25414	4.250	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	85.000%		
11) 1,1-Dichloroethene-d2	2.108	63	40988	2.984	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	59.600%#		
20) 2-Butanone-d5	3.918	46	37778	29.887	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	59.780%		
24) Chloroform-d	4.349	84	61228	3.916	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	78.400%		
26) 1,2-Dichloroethane-d4	5.037	65	31663	4.503	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	90.000%		
32) Benzene-d6	5.050	84	119511	3.941	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	78.800%		
36) 1,2-Dichloropropane-d6	6.072	67	37598	4.212	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	84.200%		
41) Toluene-d8	7.317	98	103598	3.646	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	73.000%		
43) trans-1,3-Dichloroprop...	7.629	79	13078	3.864	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	77.200%		
46) 2-Hexanone-d5	8.095	63	44040	35.361	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	70.720%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24243	3.776	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	75.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	40497	4.763	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	95.200%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	135173	9.277	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2885	0.393	ug/L #	88
12) 1,1-Dichloroethene	2.114	96	631	0.090	ug/L #	1
16) Methylene chloride	2.510	84	4534	0.445	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	2343	0.152	ug/L	95
19) 1,1-Dichloroethane	3.195	63	1966	0.136	ug/L	97
25) Chloroform	4.381	83	7406	0.479	ug/L	96
27) 1,2-Dichloroethane	5.050	62	791	0.096	ug/L #	72
34) Trichloroethene	5.918	95	10873	1.238	ug/L	99
35) Methylcyclohexane	6.069	83	9379	0.676	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	4169	0.541	ug/L #	83
48) 2-Hexanone	8.146	43	5403	2.156	ug/L #	88
61) 1,2,3-Trichloropropane	11.249	75	5540	1.633	ug/L #	65

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

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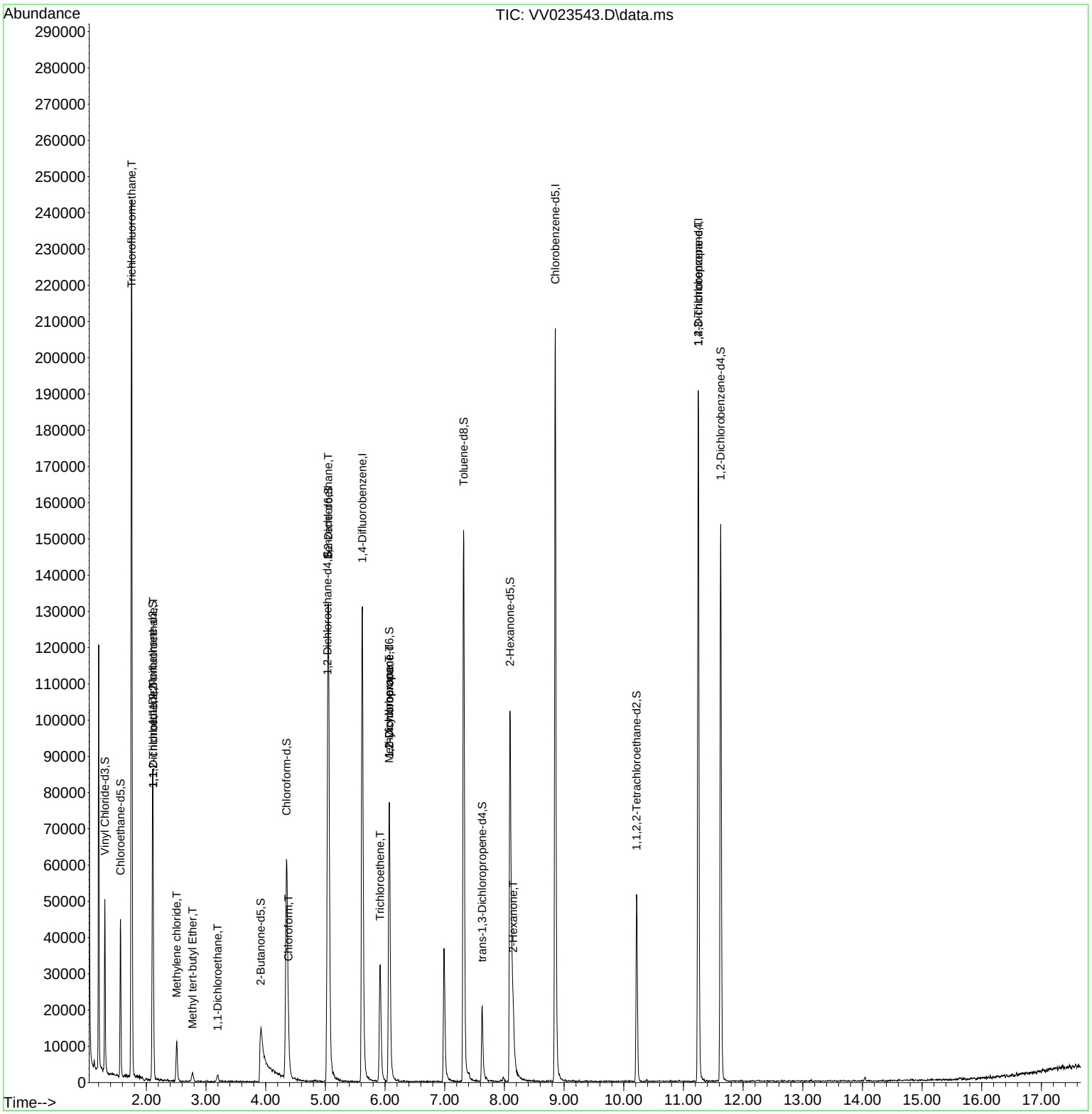
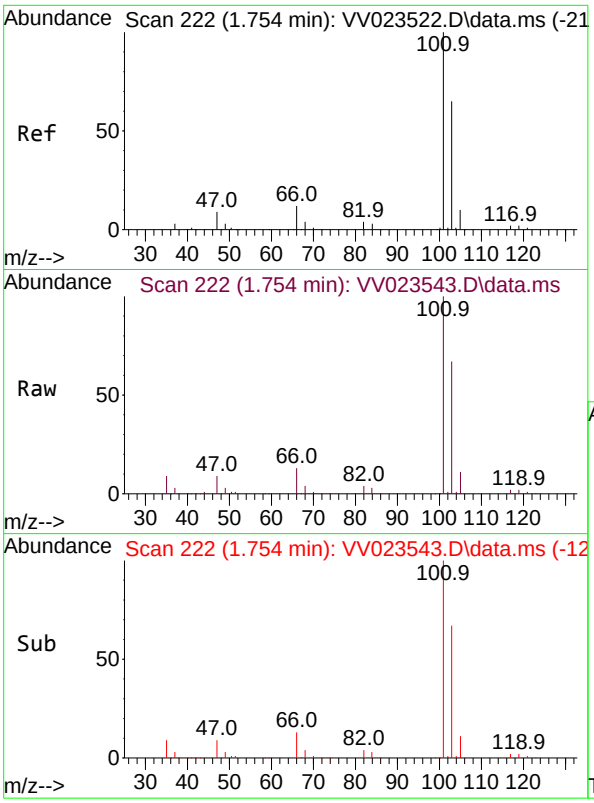
Quant Time: Nov 17 00:54:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 00:48:57 2021
Response via : Initial Calibration



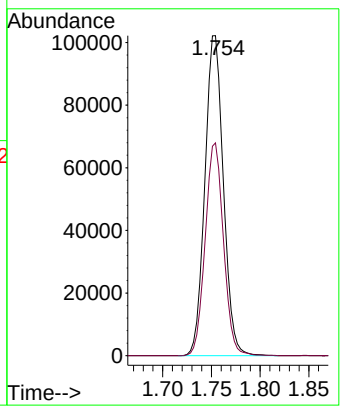


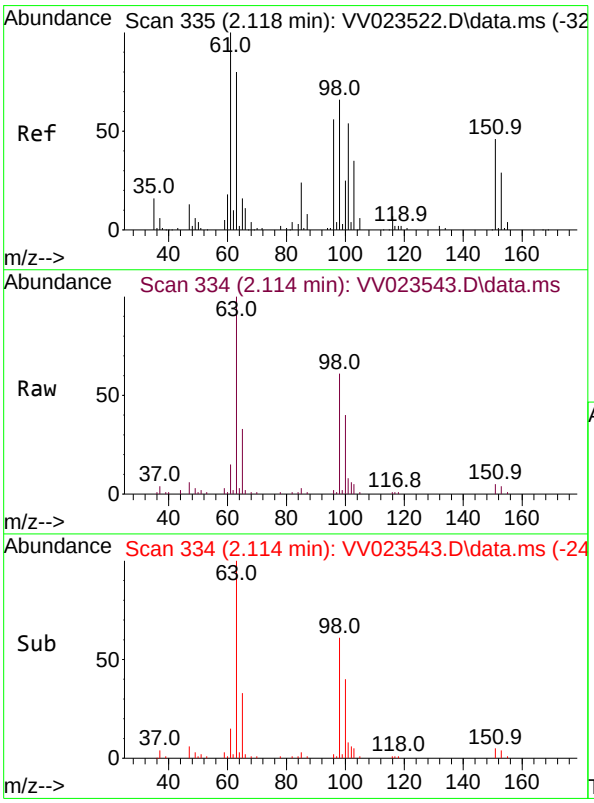
#9
Trichlorofluoromethane
Concen: 9.277 ug/L
RT: 1.754 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Instrument :
MSVOA_V
ClientSampleId :
BG218DL

Tgt Ion:101 Resp: 135173

Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.6	79.0

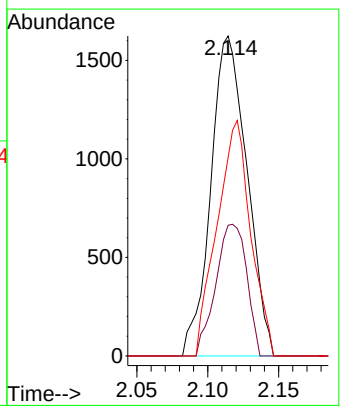


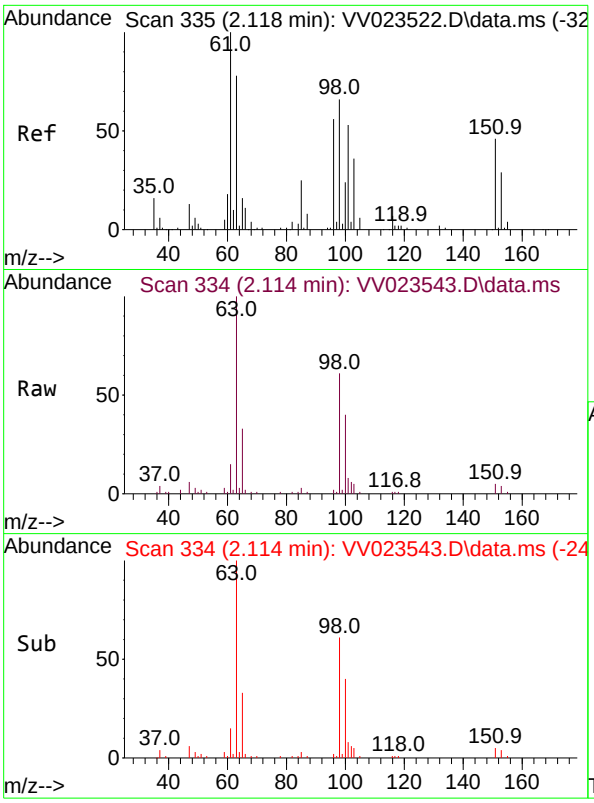


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.393 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Tgt Ion:101 Resp: 2885

Ion	Ratio	Lower	Upper
101	100		
85	35.1	35.3	52.9#
151	68.3	62.2	93.2



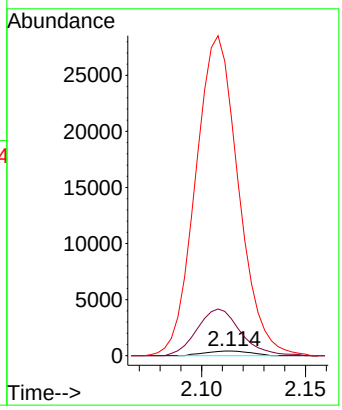


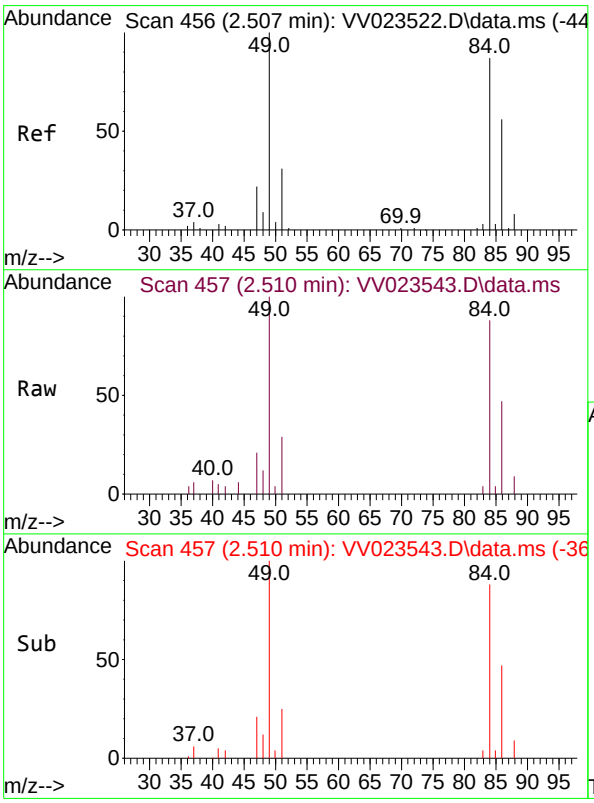
#12
1,1-Dichloroethene
Concen: 0.090 ug/L
RT: 2.114 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Instrument :
MSVOA_V
ClientSampleId :
BG218DL

Tgt Ion: 96 Resp: 631

Ion	Ratio	Lower	Upper
96	100		
61	785.4	121.5	225.7#
63	5092.1	99.6	185.0#

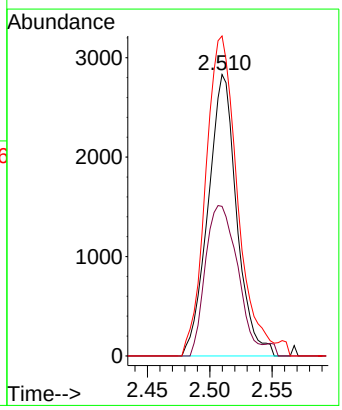


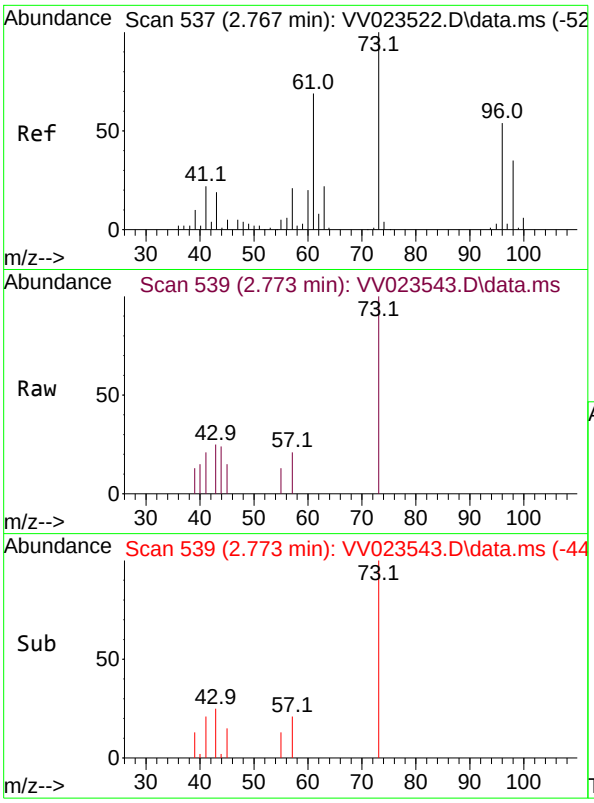


#16
Methylene chloride
Concen: 0.445 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Tgt Ion: 84 Resp: 4534

Ion	Ratio	Lower	Upper
84	100		
86	53.2	42.3	78.5
49	113.7	79.7	148.1



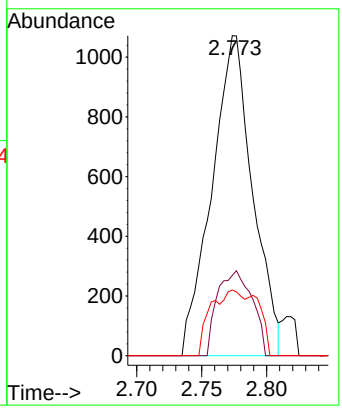


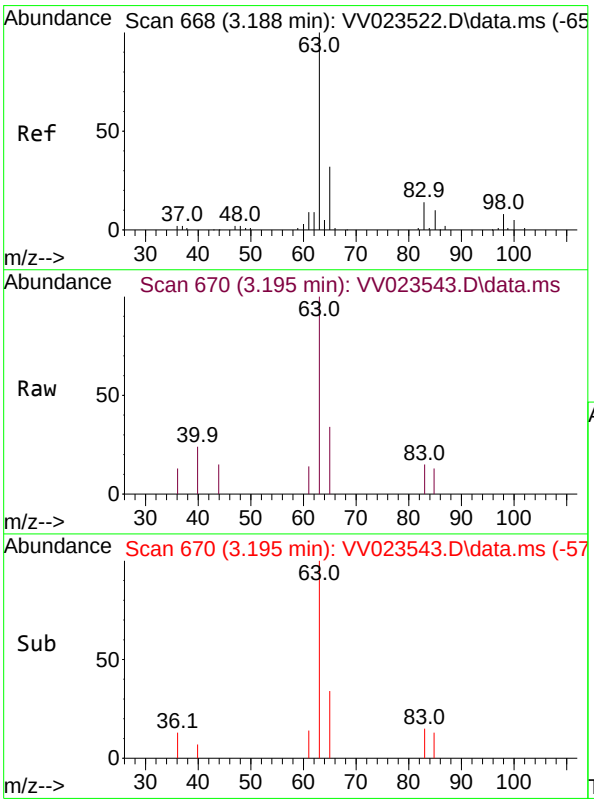
#17
Methyl tert-butyl Ether
Concen: 0.152 ug/L
RT: 2.773 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Instrument :
MSVOA_V
ClientSampleId :
BG218DL

Tgt Ion: 73 Resp: 2343

Ion	Ratio	Lower	Upper
73	100		
43	22.6	17.4	26.0
57	16.5	16.5	24.7

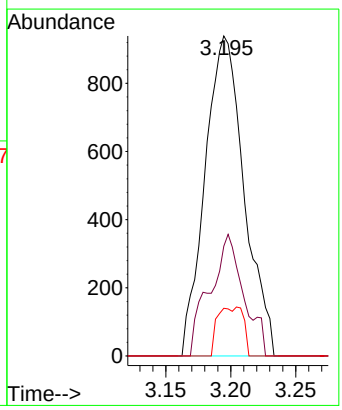


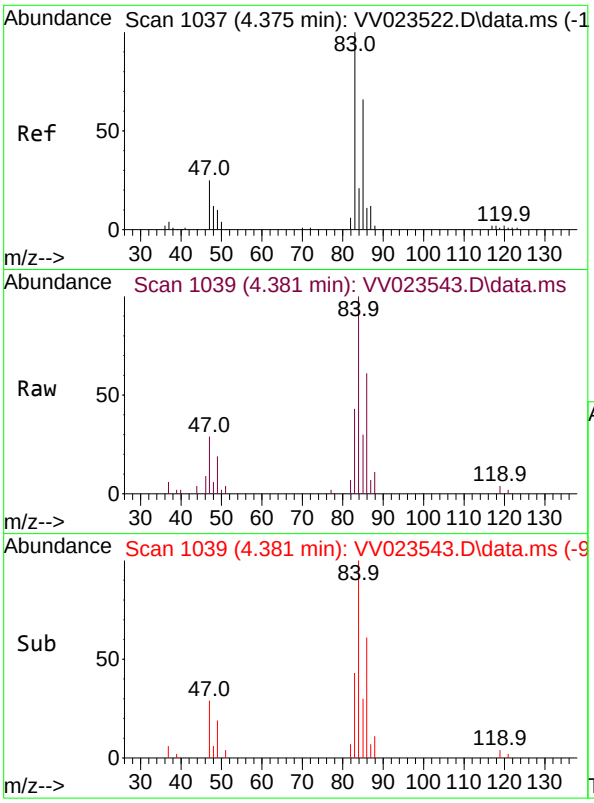


#19
1,1-Dichloroethane
Concen: 0.136 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Tgt Ion: 63 Resp: 1966

Ion	Ratio	Lower	Upper
63	100		
65	34.3	22.6	42.0
83	14.9	11.1	20.7



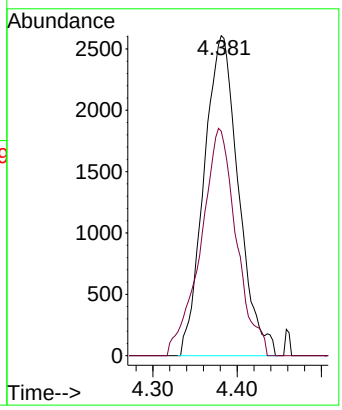


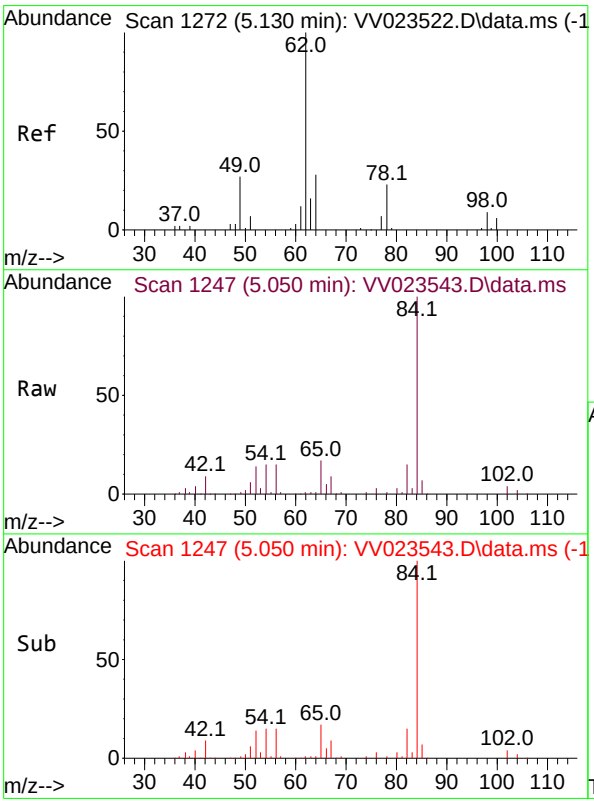
#25
Chloroform
Concen: 0.479 ug/L
RT: 4.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Instrument :
MSVOA_V
ClientSampleId :
BG218DL

Tgt Ion: 83 Resp: 7406

Ion	Ratio	Lower	Upper
83	100		
85	70.1	46.8	86.8

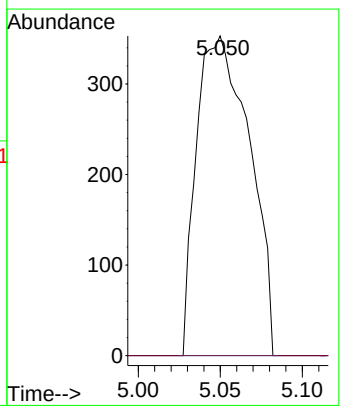


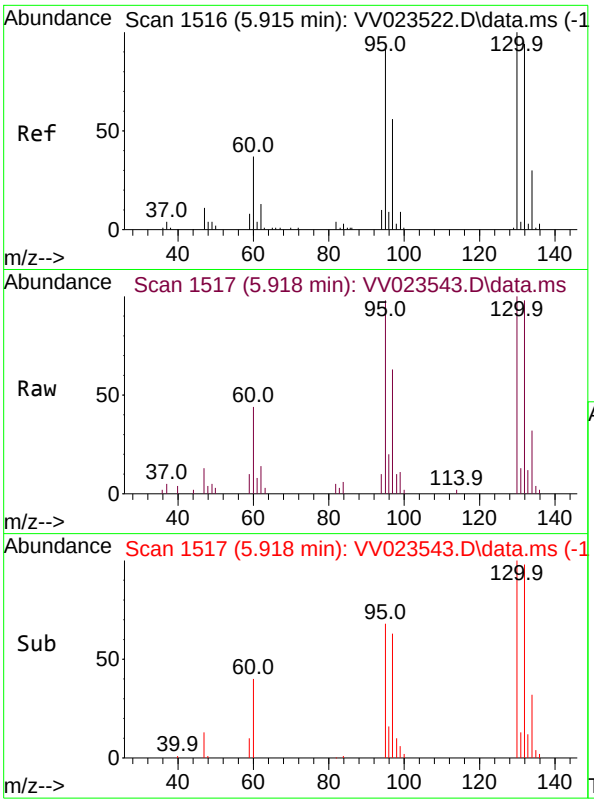


#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Tgt Ion: 62 Resp: 791

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.4#



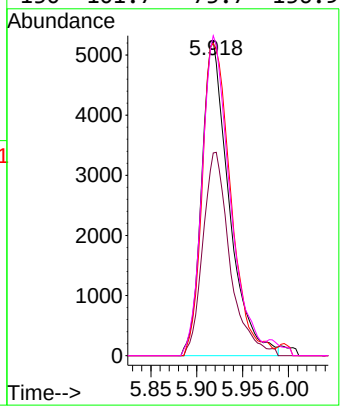


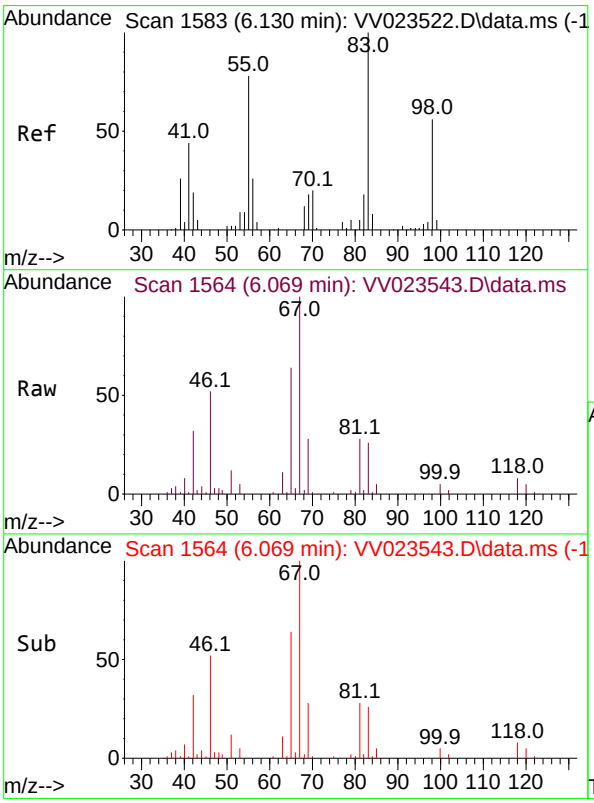
#34
Trichloroethene
Concen: 1.238 ug/L
RT: 5.918 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Instrument :
MSVOA_V
ClientSampleId :
BG218DL

Tgt Ion: 95 Resp: 10873

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.0	83.6
132	99.3	69.7	129.4
130	101.7	73.7	136.9

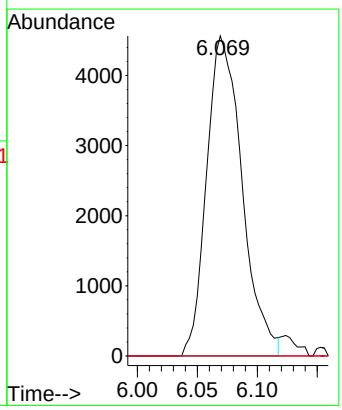


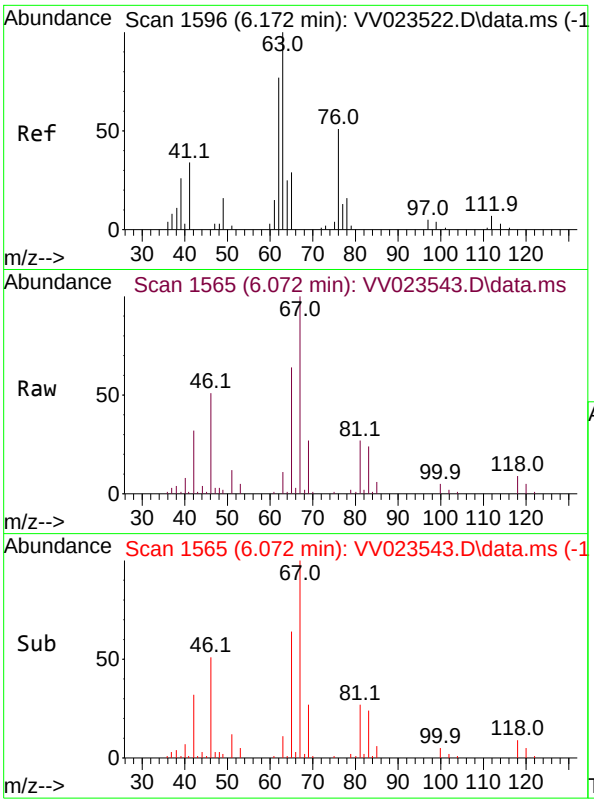


#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Tgt Ion: 83 Resp: 9379

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	3.5	37.9	56.9#



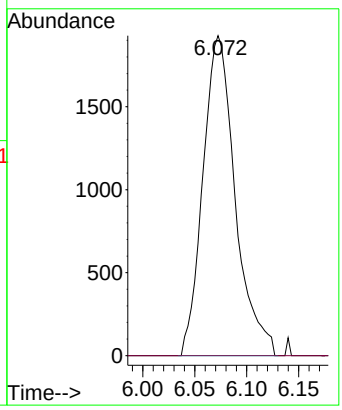


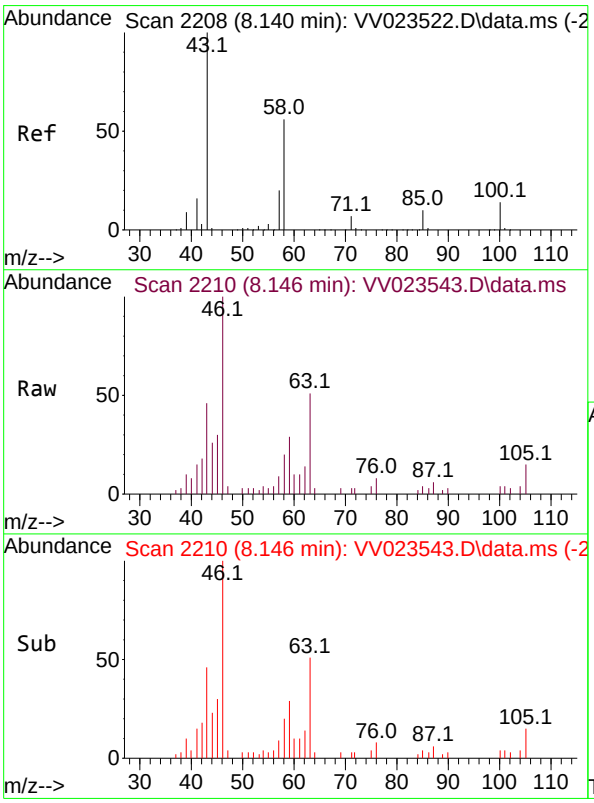
#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.072 min Scan# 1
Delta R.T. -0.100 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Instrument :
MSVOA_V
ClientSampleId :
BG218DL

Tgt Ion: 63 Resp: 4169

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.6	6.8#

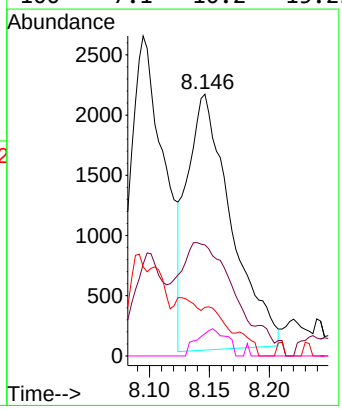


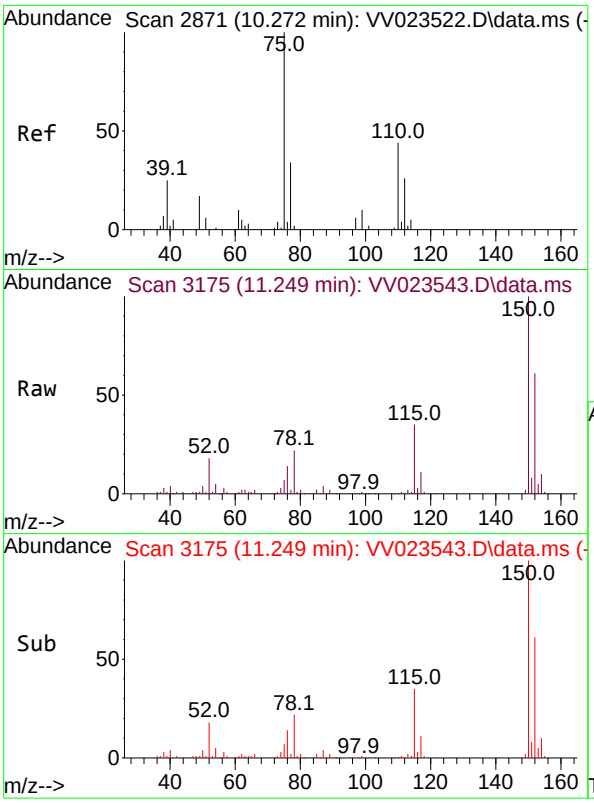


#48
2-Hexanone
Concen: 2.156 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Tgt Ion: 43 Resp: 5403

Ion	Ratio	Lower	Upper
43	100		
58	57.3	43.7	65.5
57	1.7	14.1	21.1#
100	7.1	10.2	15.2#





#61
1,2,3-Trichloropropane
Concen: 1.633 ug/L
RT: 11.249 min Scan# 3
Delta R.T. 0.977 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Instrument :
MSVOA_V
ClientSampleId :
BG218DL

Tgt Ion: 75 Resp: 5540

Ion	Ratio	Lower	Upper
75	100		
77	34.4	26.6	39.8
110	1.3	31.8	47.6#