Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102321\
Data File : VV023022.D
Acq On : 23 Oct 2021 20:11
Operator : SY/MD
Sample : M4277-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 25 01:10:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 01:03:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	82672	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	83520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	34451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36908	5.109	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.200%			
7) Chloroethane-d5	1.555	69	22807	5.104	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.000%			
11) 1,1-Dichloroethene-d2	2.101	63	48367	4.641	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.800%			
20) 2-Butanone-d5	3.883	46	93412	80.608	ug/L	-0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 161.220%#			
24) Chloroform-d	4.349	84	65645	5.590	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.800%			
26) 1,2-Dichloroethane-d4	5.034	65	33553	6.061	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 121.200%			
32) Benzene-d6	5.050	84	129511	5.311	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.200%			
36) 1,2-Dichloropropane-d6	6.069	67	41836	5.573	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.400%			
41) Toluene-d8	7.317	98	101780	4.647	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
43) trans-1,3-Dichloroprop...	7.628	79	12468	4.741	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.800%			
46) 2-Hexanone-d5	8.095	63	61774	63.442	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 126.880%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	32750	6.319	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 126.400%#			
66) 1,2-Dichlorobenzene-d4	11.625	152	38203	6.215	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 124.400%#			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	416	0.073	ug/L #	67
5) Vinyl chloride	1.307	62	479	0.082	ug/L #	1
8) Chloroethane	1.571	64	528	0.172	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	512	0.114	ug/L #	21
12) 1,1-Dichloroethene	2.108	96	470	0.111	ug/L #	1
13) Acetone	2.166	43	286636	504.153	ug/L	90
14) Carbon disulfide	2.291	76	704	0.061	ug/L #	50
15) Methyl Acetate	2.307	43	12033	5.564	ug/L #	48
16) Methylene chloride	2.507	84	1739	0.374	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	565	0.056	ug/L #	46
22) cis-1,2-Dichloroethene	3.908	96	57809	11.284	ug/L #	93
37) 1,2-Dichloropropane	6.069	63	4572	0.807	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	800	0.113	ug/L #	43
42) Toluene	7.400	91	4107	0.180	ug/L	99
48) 2-Hexanone	8.162	43	2307	1.165	ug/L #	40
49) Dibromochloromethane	7.976	129	395	0.084	ug/L #	10
64) 1,3-Dichlorobenzene	11.191	146	767	0.084	ug/L	90
65) 1,4-Dichlorobenzene	11.278	146	686	0.074	ug/L	90
67) 1,2-Dichlorobenzene	11.644	146	744	0.087	ug/L #	79

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102321\
Data File : VV023022.D
Acq On : 23 Oct 2021 20:11
Operator : SY/MD
Sample : M4277-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 25 01:10:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 01:03:32 2021
Response via : Initial Calibration

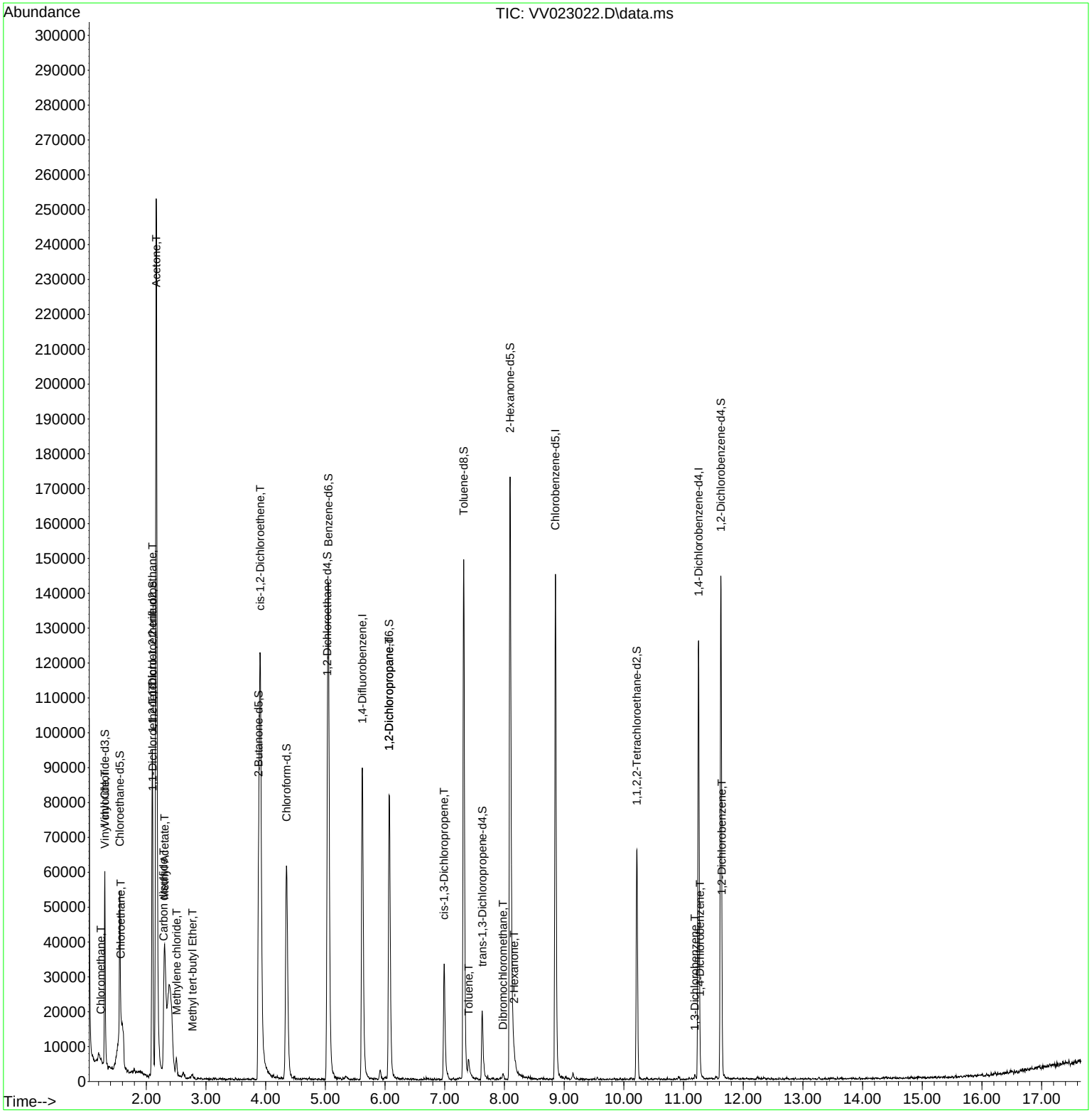
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

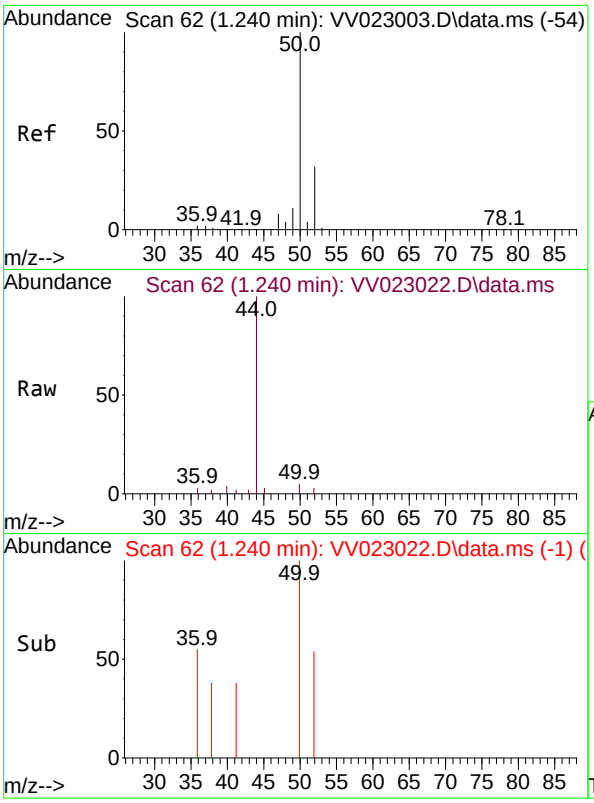
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102321\
Data File : VV023022.D
Acq On : 23 Oct 2021 20:11
Operator : SY/MD
Sample : M4277-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 25 01:10:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 01:03:32 2021
Response via : Initial Calibration



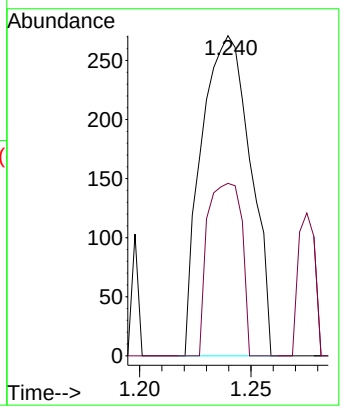


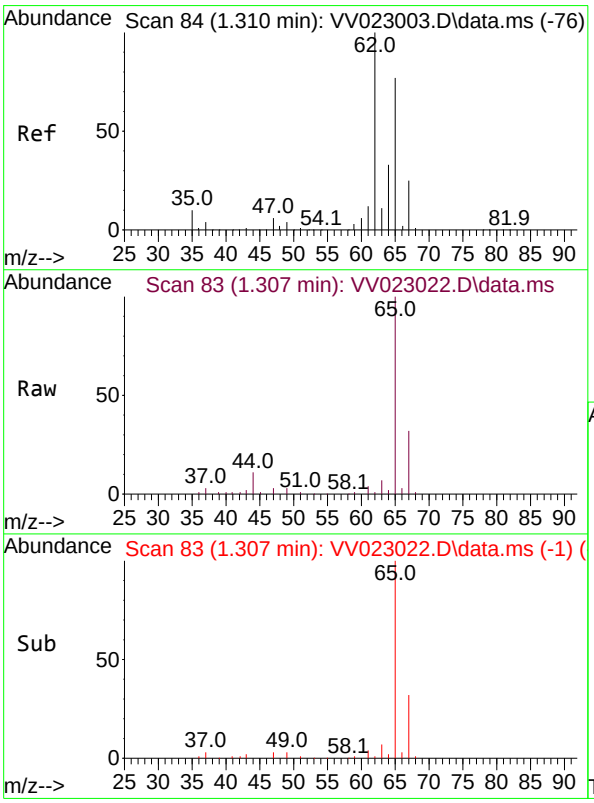
#3
Chloromethane
Concen: 0.073 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 416

Ion	Ratio	Lower	Upper
50	100		
52	53.9	24.3	45.1#

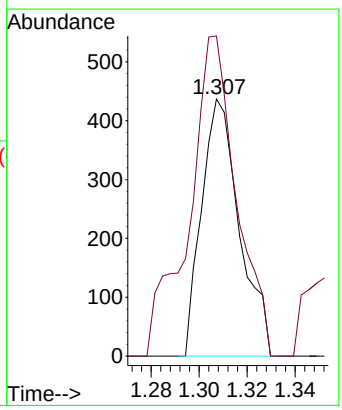


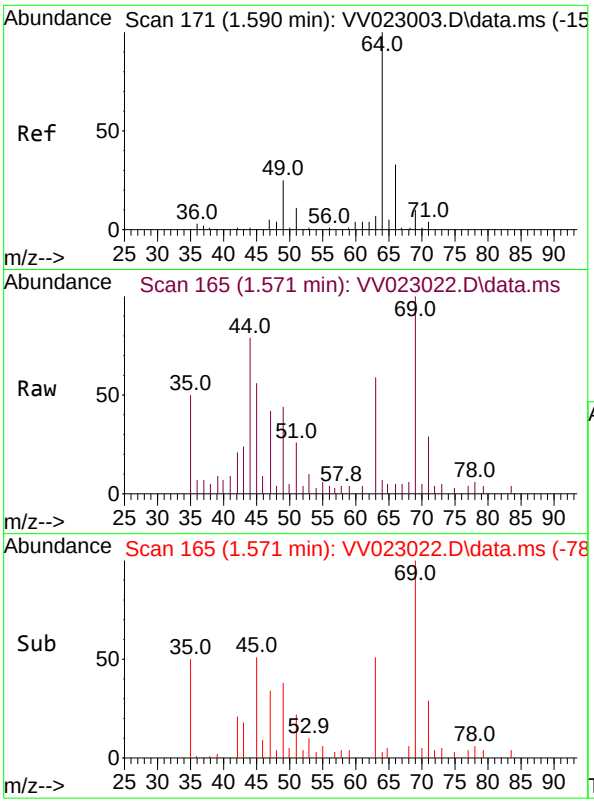


#5
Vinyl chloride
Concen: 0.082 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Tgt Ion: 62 Resp: 479

Ion	Ratio	Lower	Upper
62	100		
64	124.5	23.1	42.9#



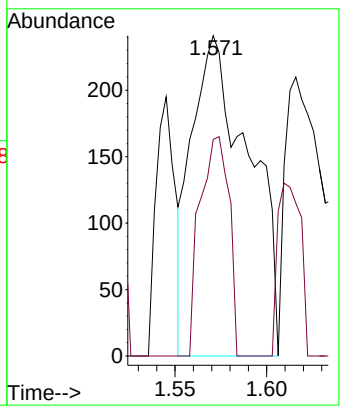


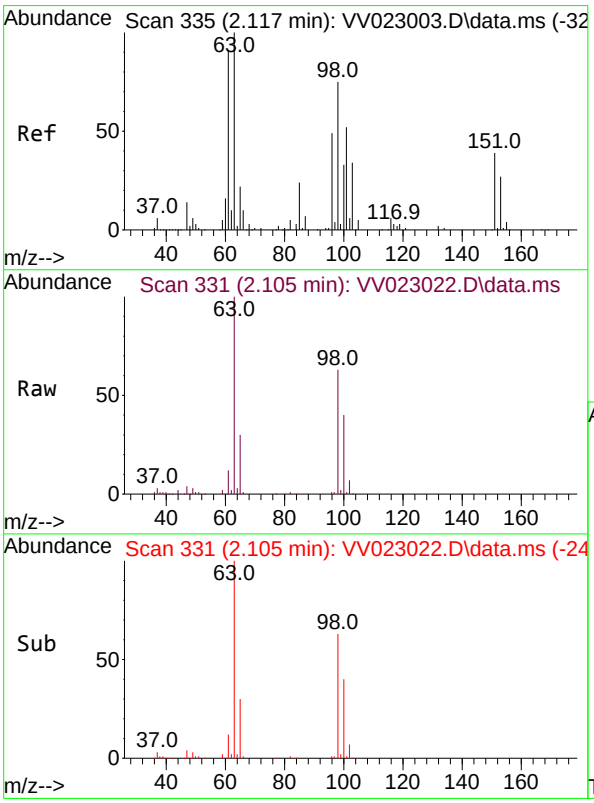
#8
Chloroethane
Concen: 0.172 ug/L
RT: 1.571 min Scan# 1
Delta R.T. -0.019 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 528

Ion	Ratio	Lower	Upper
64	100		
66	42.1	22.1	41.1#

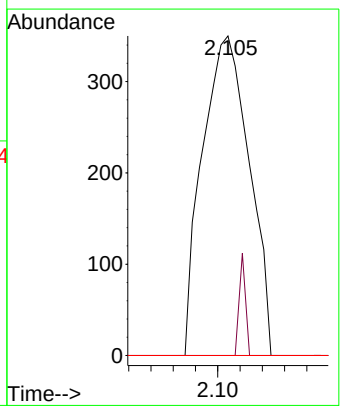


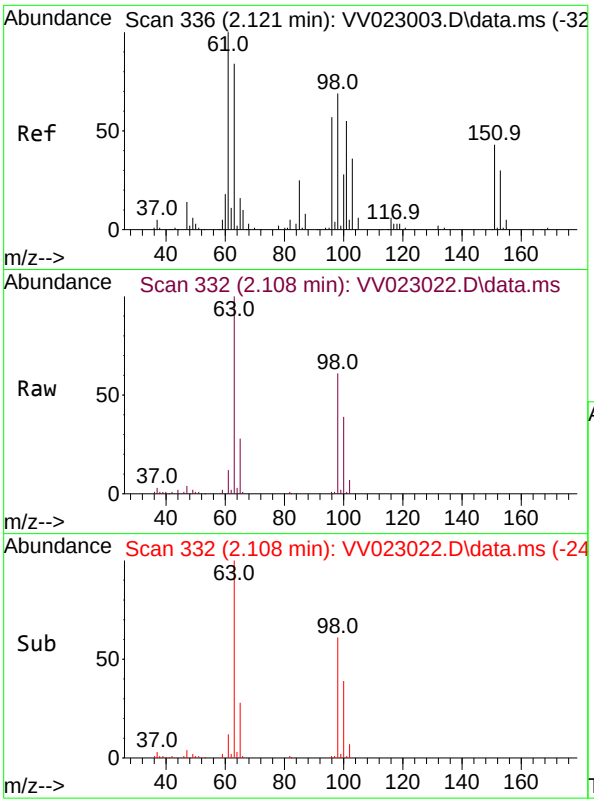


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.114 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.013 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Tgt Ion:101 Resp: 512

Ion	Ratio	Lower	Upper
101	100		
85	4.3	35.3	52.9#
151	0.0	62.2	93.2#



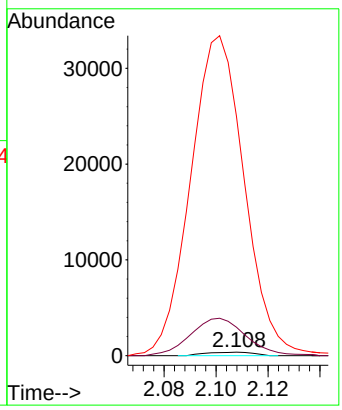


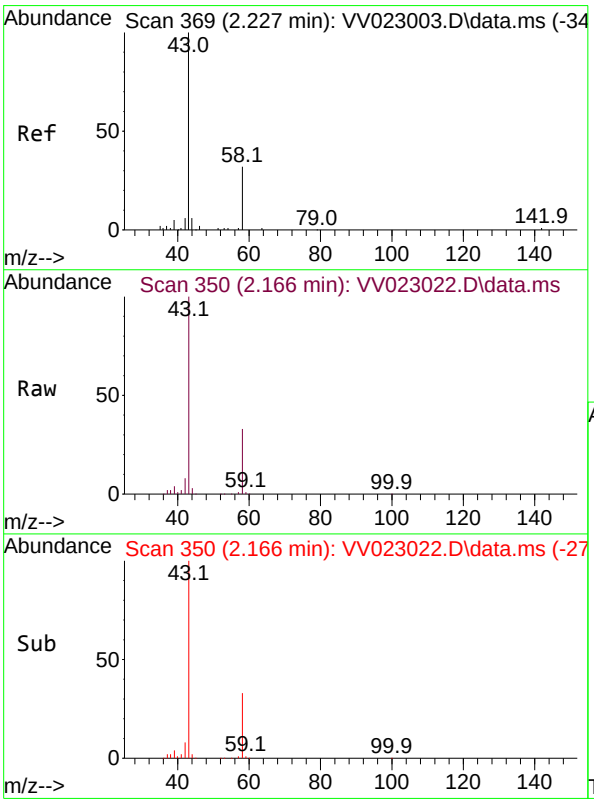
#12
1,1-Dichloroethene
Concen: 0.111 ug/L
RT: 2.108 min Scan# 3
Delta R.T. -0.013 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 470

Ion	Ratio	Lower	Upper
96	100		
61	812.6	121.5	225.7#
63	6830.6	99.6	185.0#

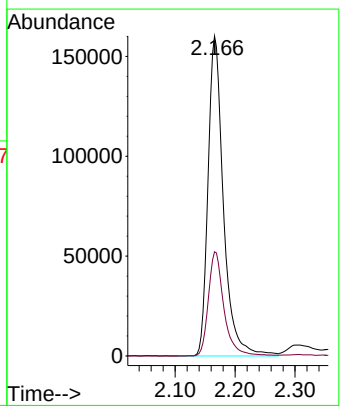


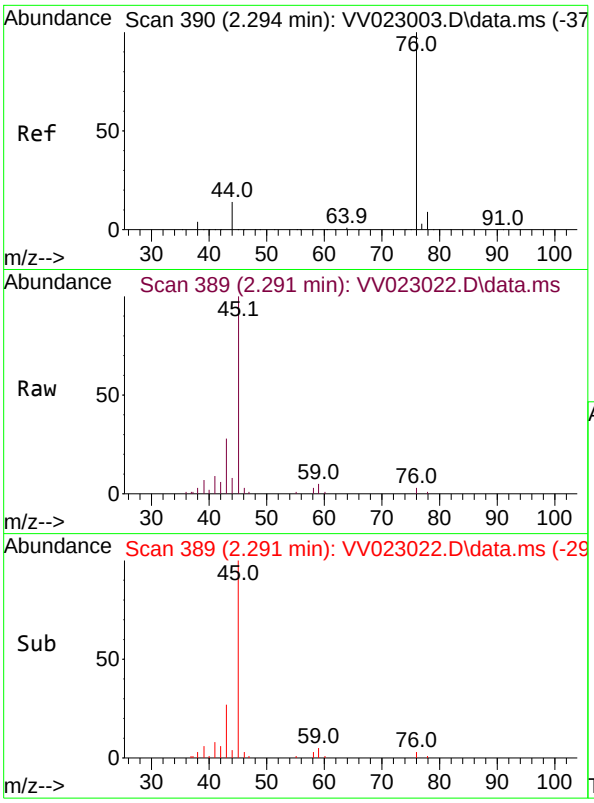


#13
Acetone
Concen: 504.153 ug/L
RT: 2.166 min Scan# 350
Delta R.T. -0.061 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Tgt Ion: 43 Resp: 286636

Ion	Ratio	Lower	Upper
43	100		
58	32.9	0.0	55.4



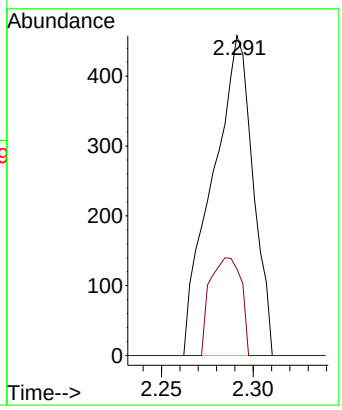


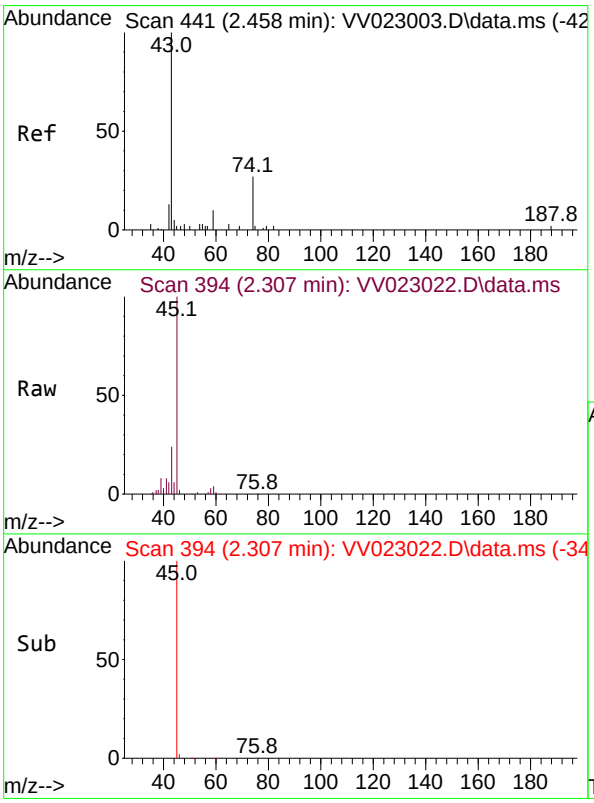
#14
Carbon disulfide
Concen: 0.061 ug/L
RT: 2.291 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 704

Ion	Ratio	Lower	Upper
76	100		
78	27.1	7.2	10.8#

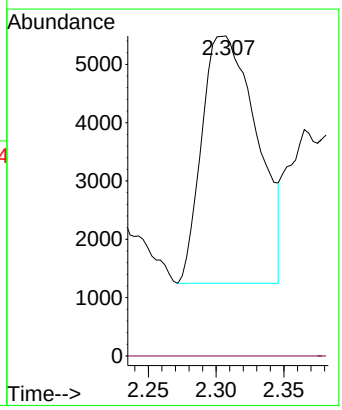


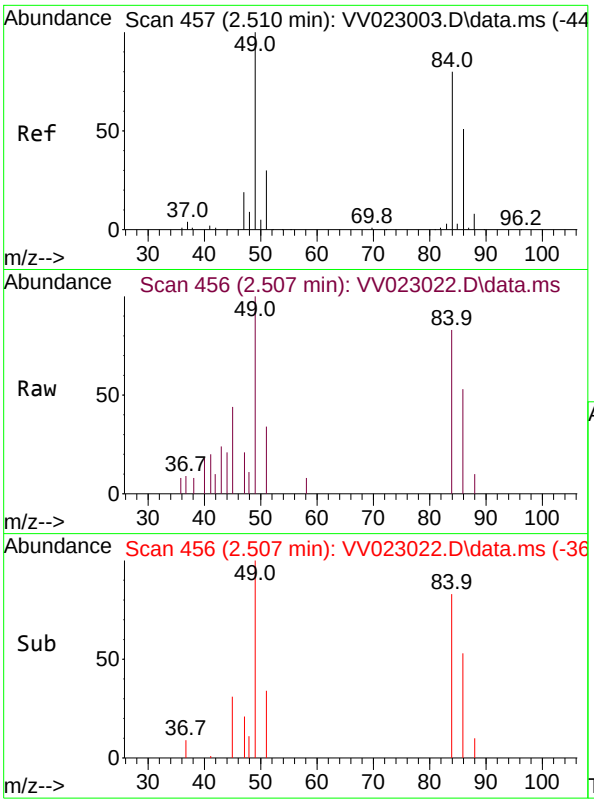


#15
Methyl Acetate
Concen: 5.564 ug/L
RT: 2.307 min Scan# 394
Delta R.T. -0.151 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Tgt Ion: 43 Resp: 12033

Ion	Ratio	Lower	Upper
43	100		
74	0.7	22.2	33.2#



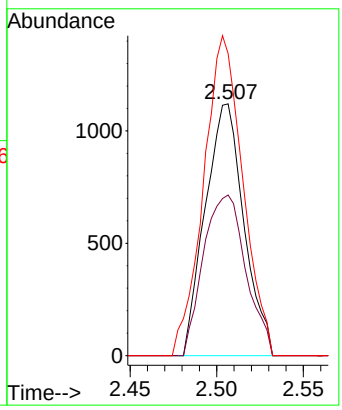


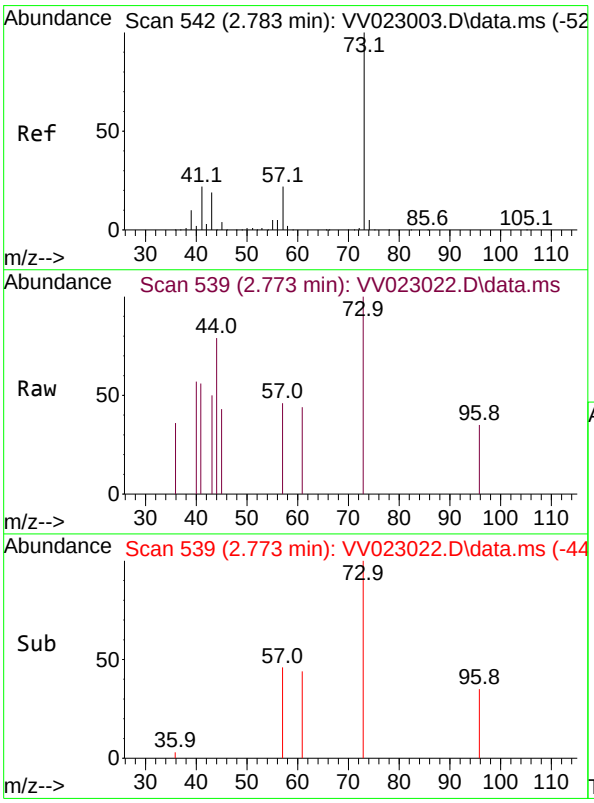
#16
Methylene chloride
Concen: 0.374 ug/L
RT: 2.507 min Scan# 4
Delta R.T. -0.003 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 1739

Ion	Ratio	Lower	Upper
84	100		
86	63.8	42.3	78.5
49	119.9	79.7	148.1

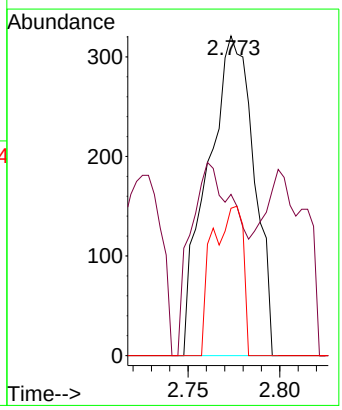


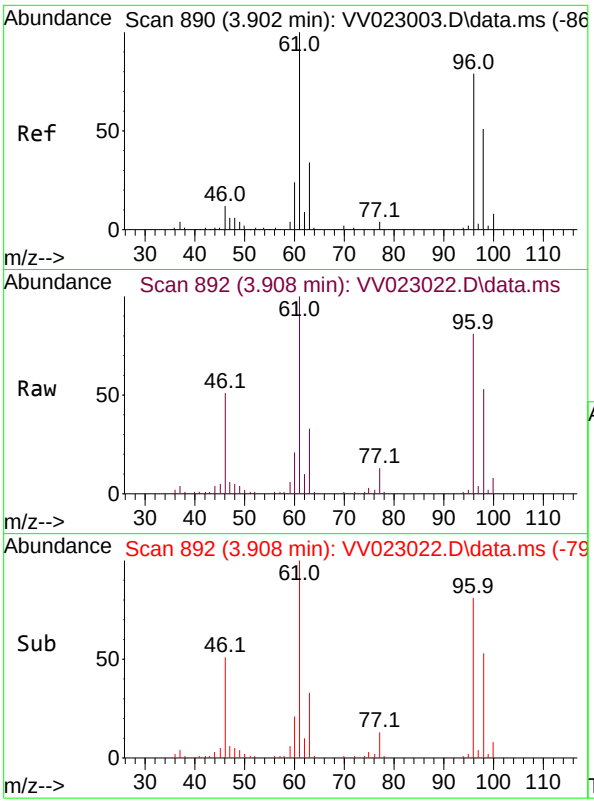


#17
Methyl tert-butyl Ether
Concen: 0.056 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.010 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Tgt Ion: 73 Resp: 565

Ion	Ratio	Lower	Upper
73	100		
43	61.4	17.4	26.0#
57	31.0	16.5	24.7#



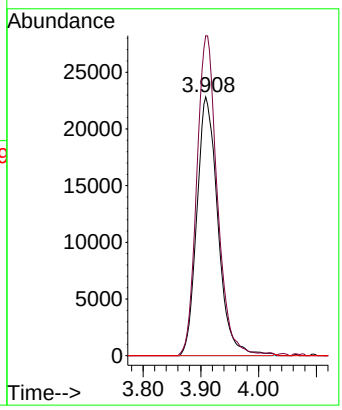


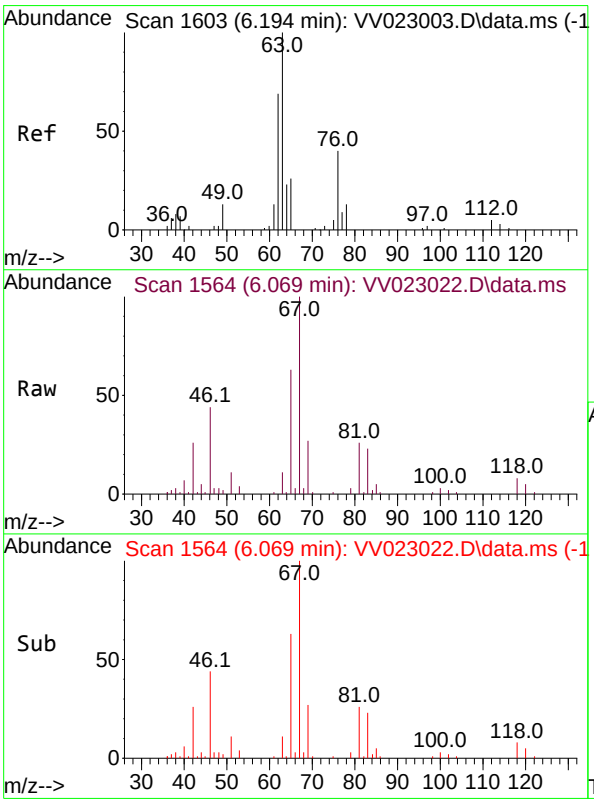
#22
cis-1,2-Dichloroethene
Concen: 11.284 ug/L
RT: 3.908 min Scan# 8
Delta R.T. 0.007 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 57809

Ion	Ratio	Lower	Upper
96	100		
61	123.7	92.3	171.3
68	0.0	0.4	0.8#

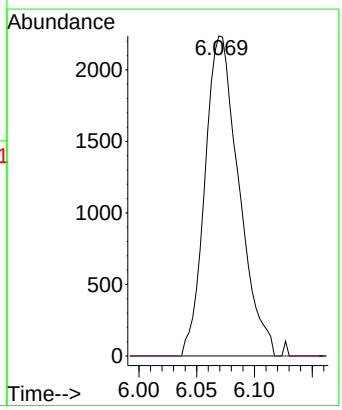


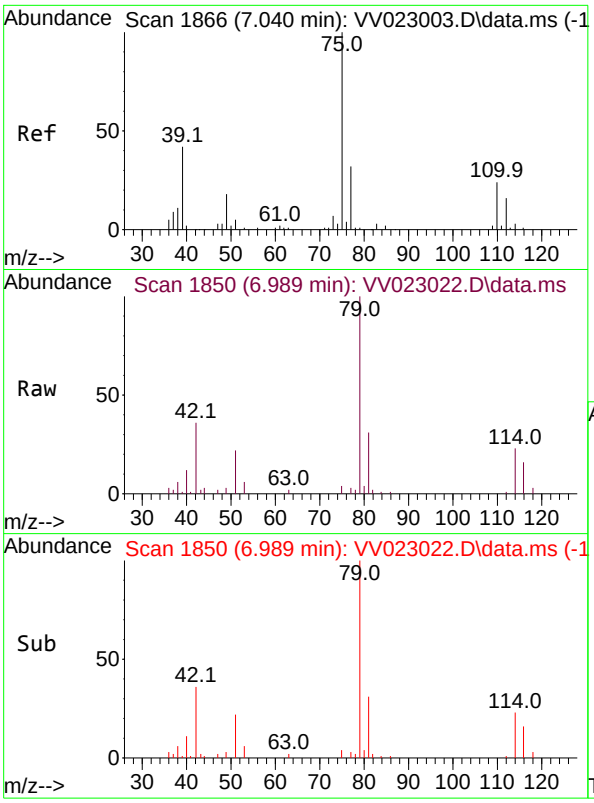


#37
1,2-Dichloropropane
Concen: 0.807 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.125 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Tgt Ion: 63 Resp: 4572

Ion	Ratio	Lower	Upper
63	100		
112	1.0	4.6	6.8#



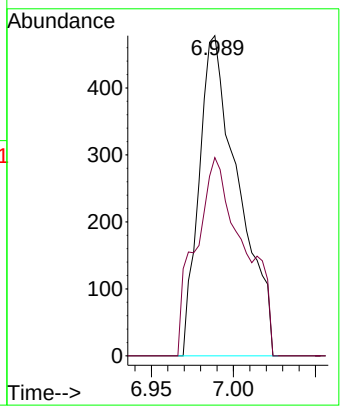


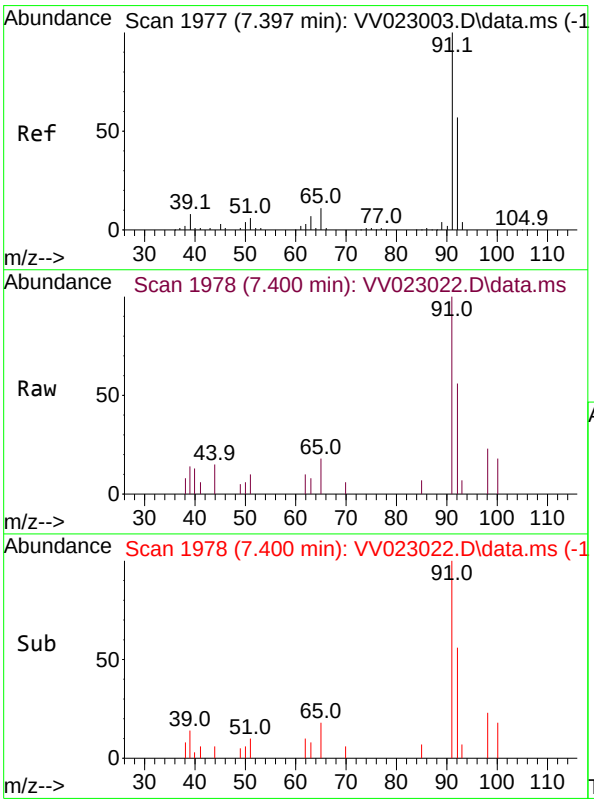
#39
cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 6.989 min Scan# 1
Delta R.T. -0.051 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 800

Ion	Ratio	Lower	Upper
75	100		
77	61.9	21.6	40.2#

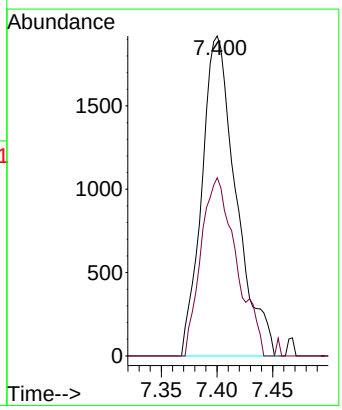


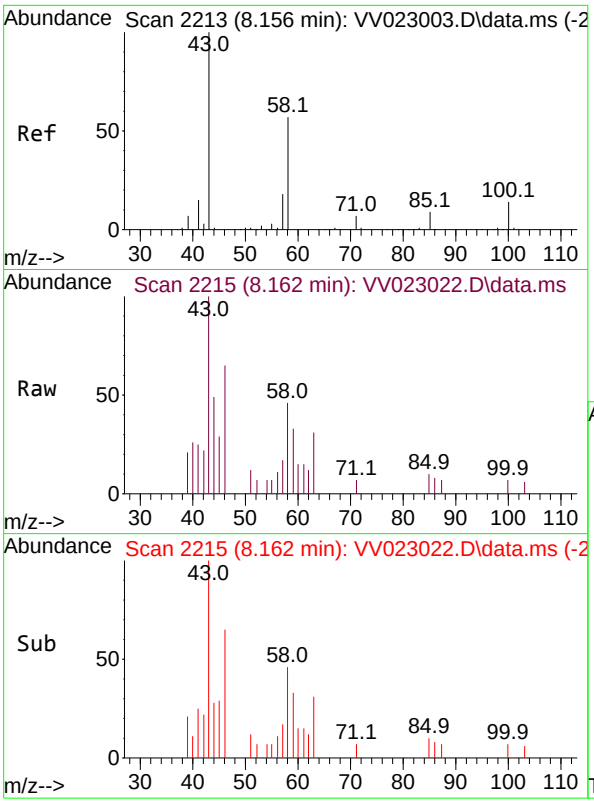


#42
Toluene
Concen: 0.180 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.003 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Tgt Ion: 91 Resp: 4107

Ion	Ratio	Lower	Upper
91	100		
92	55.7	39.3	72.9



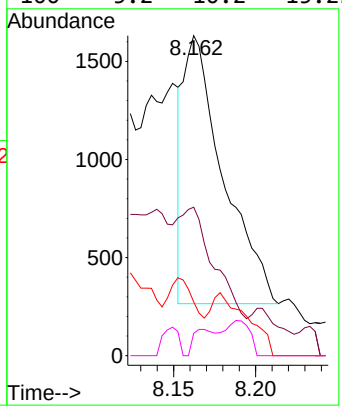


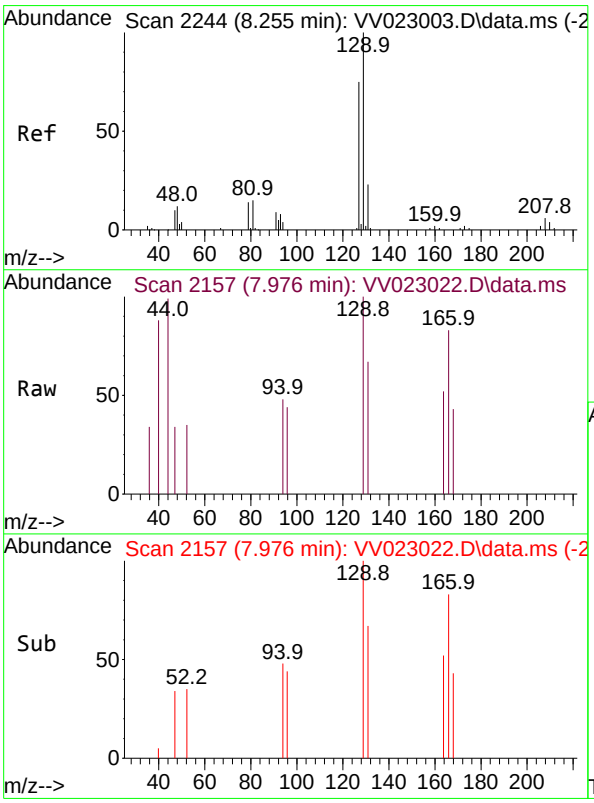
#48
2-Hexanone
Concen: 1.165 ug/L
RT: 8.162 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 2307

Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.7	65.5#
57	0.0	14.1	21.1#
100	5.2	10.2	15.2#

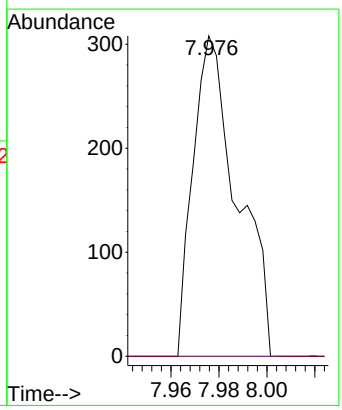


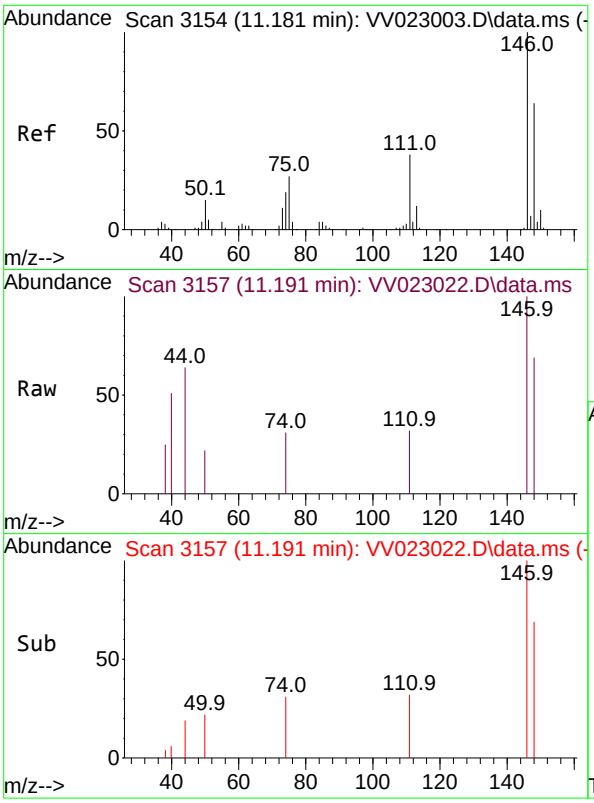


#49
Dibromochloromethane
Concen: 0.084 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.280 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Tgt Ion:129 Resp: 395

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#



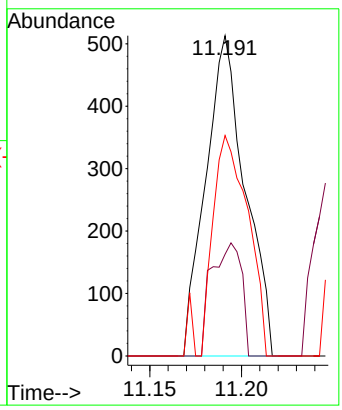


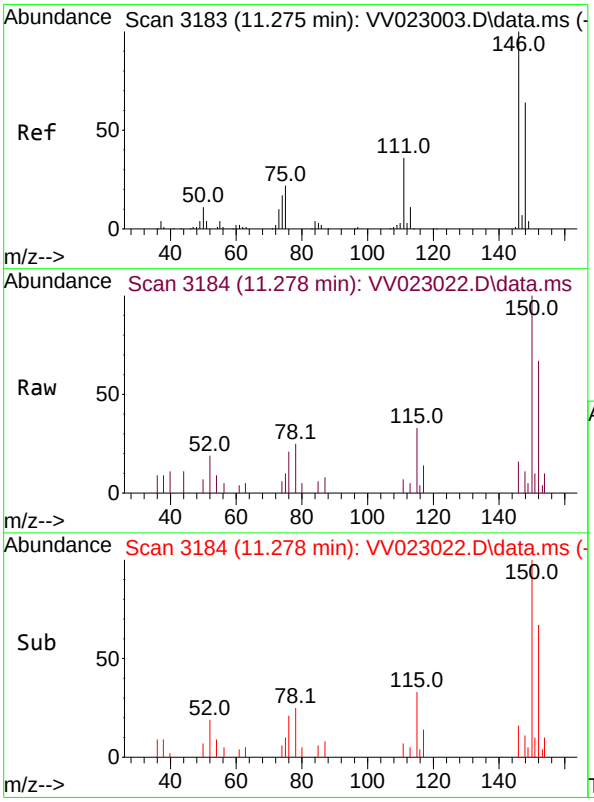
#64
1,3-Dichlorobenzene
Concen: 0.084 ug/L
RT: 11.191 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 767

Ion	Ratio	Lower	Upper
146	100		
111	31.8	26.7	49.7
148	68.8	42.9	79.7

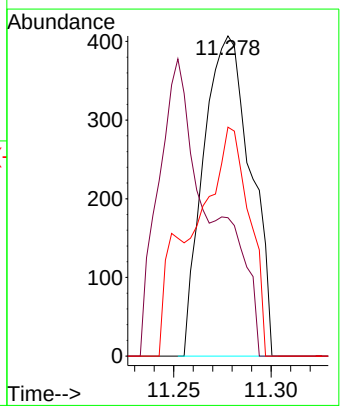


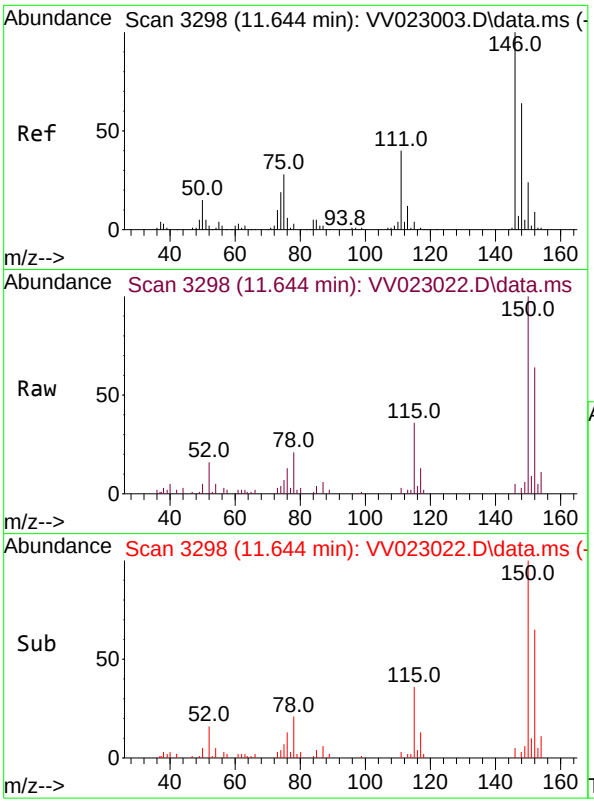


#65
1,4-Dichlorobenzene
Concen: 0.074 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Tgt Ion:146 Resp: 686

Ion	Ratio	Lower	Upper
146	100		
111	43.2	26.2	48.8
148	71.5	44.4	82.5





#67
1,2-Dichlorobenzene
Concen: 0.087 ug/L
RT: 11.644 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 744

Ion	Ratio	Lower	Upper
146	100		
111	60.3	31.6	47.4#
148	53.7	51.0	76.6