Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100522\
Data File : VV028385.D
Acq On : 05 Oct 2022 22:10
Operator : SY/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Quant Time: Oct 06 02:35:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	108335	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	107863	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	51420	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	29248	3.593	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.800%			
7) Chloroethane-d5	1.565	69	31487	4.569	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.400%			
11) 1,1-Dichloroethene-d2	2.105	63	47375	3.088	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.800%			
20) 2-Butanone-d5	3.908	46	136933	99.423	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 198.840%#			
24) Chloroform-d	4.343	84	75228	5.101	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.000%			
26) 1,2-Dichloroethane-d4	5.031	65	38706	5.662	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.200%			
32) Benzene-d6	5.047	84	136328	4.607	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.200%			
36) 1,2-Dichloropropane-d6	6.066	67	46975	5.534	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.600%			
41) Toluene-d8	7.313	98	104903	3.855	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.000%			
43) trans-1,3-Dichloroprop...	7.625	79	15499	4.794	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.800%			
46) 2-Hexanone-d5	8.088	63	97046	73.342	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 146.680%#			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44692	6.946	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 139.000%#			
66) 1,2-Dichlorobenzene-d4	11.622	152	44588	5.039	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.800%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2953	0.358	ug/L	99
5) Vinyl chloride	1.307	62	1572	0.169	ug/L #	43
6) Bromomethane	1.523	94	475	0.108	ug/L	91
8) Chloroethane	1.532	64	72541	11.705	ug/L #	49
9) Trichlorofluoromethane	1.751	101	582	0.042	ug/L	92
12) 1,1-Dichloroethene	2.114	96	5666	0.729	ug/L #	1
14) Carbon disulfide	2.291	76	1990	0.082	ug/L	100
15) Methyl Acetate	2.429	43	1554	0.631	ug/L #	55
16) Methylene chloride	2.503	84	5282	0.604	ug/L	90
18) trans-1,2-Dichloroethene	2.764	96	1116	0.138	ug/L	95
19) 1,1-Dichloroethane	3.185	63	93494	6.782	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	8045	0.987	ug/L	98
25) Chloroform	4.381	83	3016	0.200	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	67722	5.090	ug/L	97
31) Carbon tetrachloride	4.603	117	9049	0.758	ug/L #	54
33) Benzene	5.105	78	7142	0.222	ug/L	100
34) Trichloroethene	5.915	95	11068	1.377	ug/L	96
37) 1,2-Dichloropropane	6.063	63	4788	0.644	ug/L #	87
47) Tetrachloroethene	7.976	164	3576	0.509	ug/L	94

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100522\
Data File : VV028385.D
Acq On : 05 Oct 2022 22:10
Operator : SY/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Quant Time: Oct 06 02:35:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dibromochloromethane	7.976	129	3326	0.476	ug/L	#	11
51) Chlorobenzene	8.879	112	1085	0.048	ug/L	#	88
61) 1,2,3-Trichloropropane	11.181	75	752	0.190	ug/L	#	47
64) 1,3-Dichlorobenzene	11.185	146	2835	0.183	ug/L		98
65) 1,4-Dichlorobenzene	11.272	146	7535	0.487	ug/L		95
67) 1,2-Dichlorobenzene	11.641	146	6677	0.476	ug/L		94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100522\
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Misc : 25.0mL/MSVOA_V/WATER
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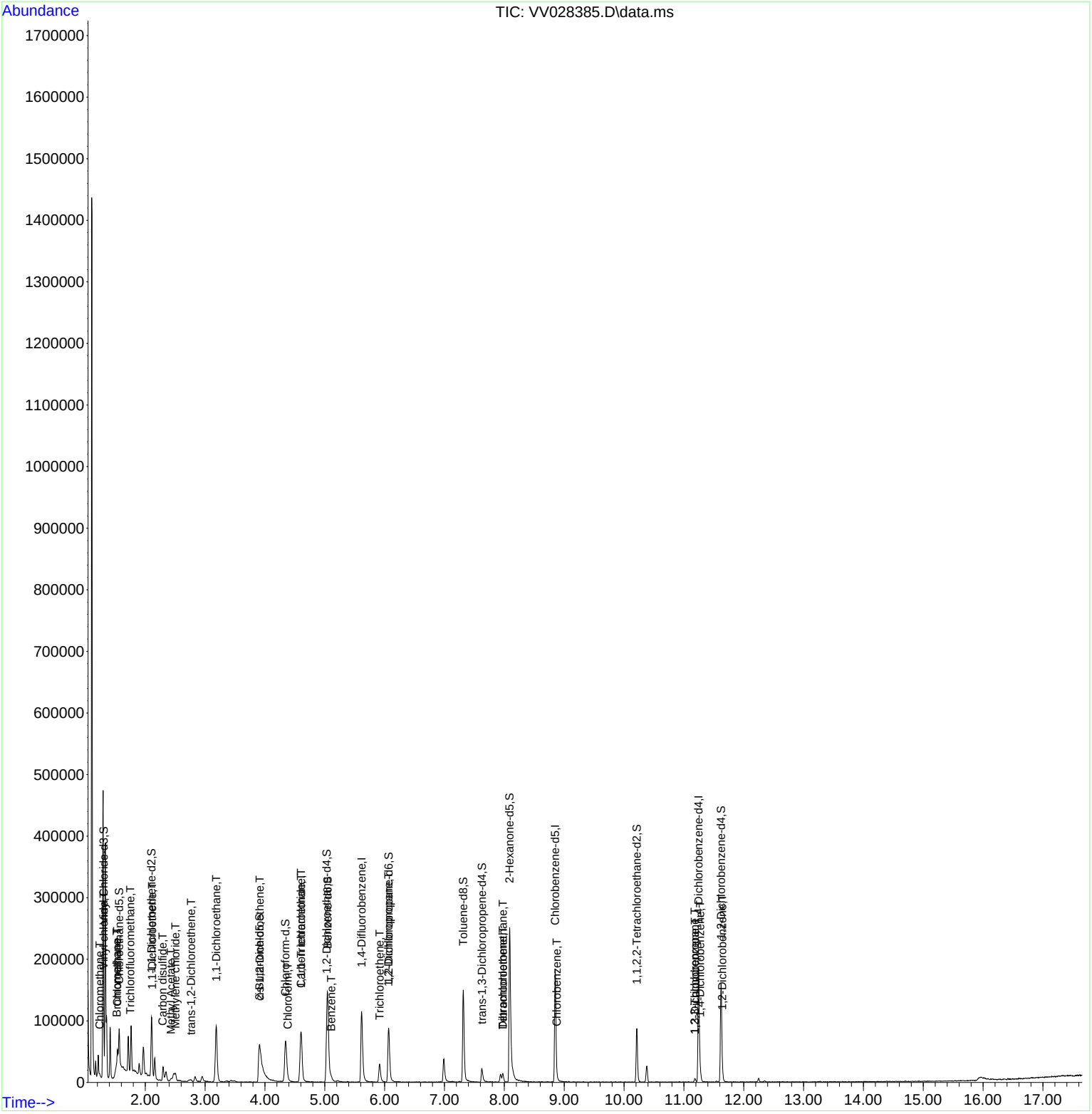
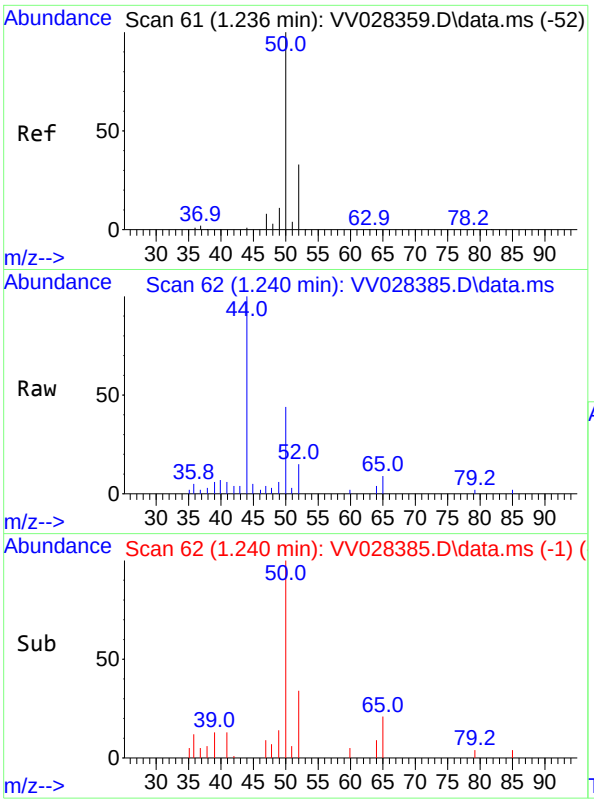
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration



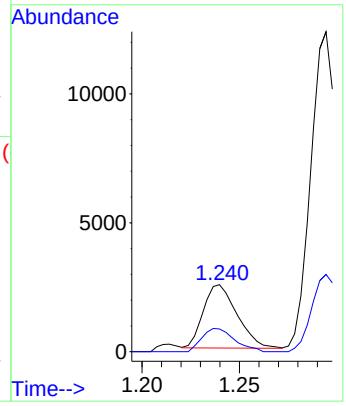


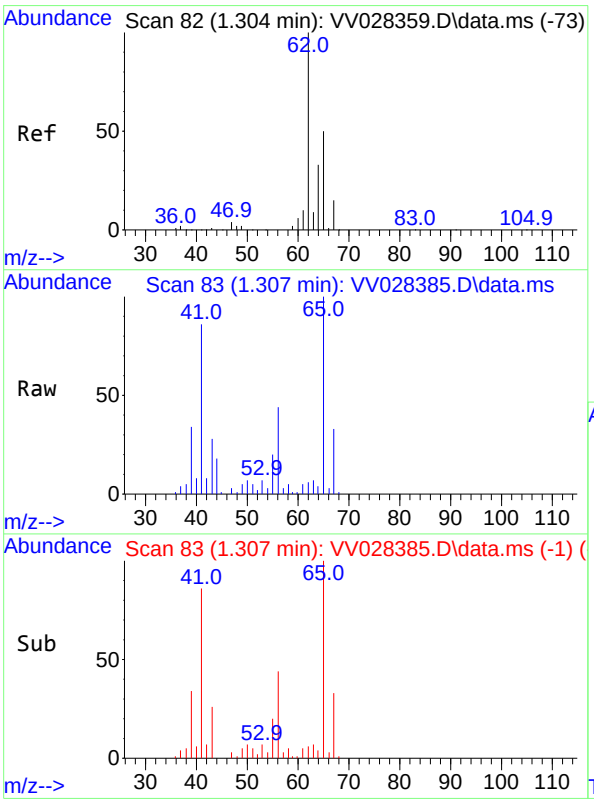
#3
Chloromethane
Concen: 0.358 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Tgt Ion: 50 Resp: 2953

Ion	Ratio	Lower	Upper
50	100		
52	34.0	24.4	45.2

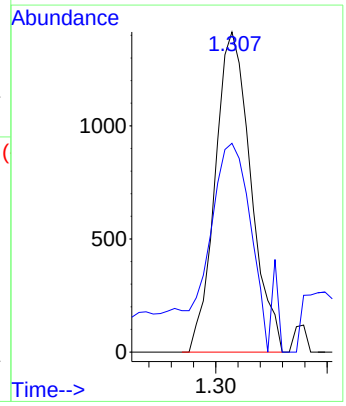


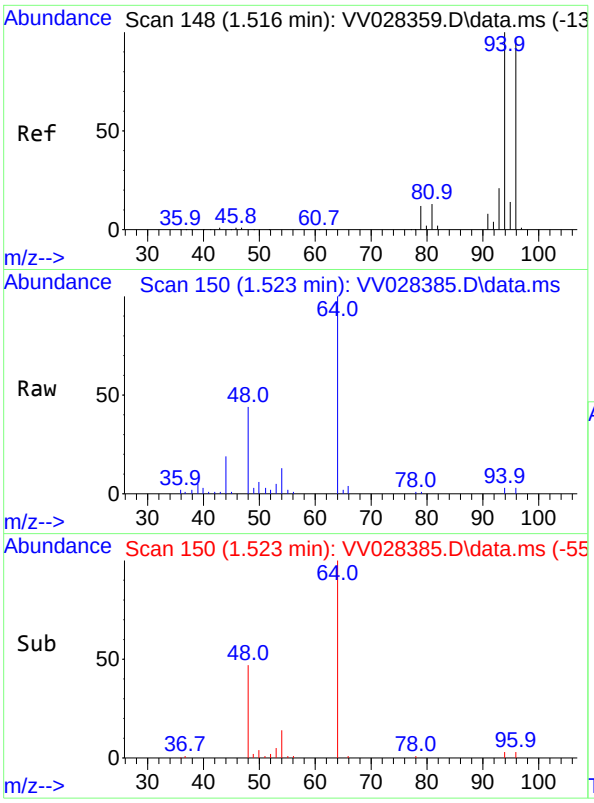


#5
Vinyl chloride
Concen: 0.169 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Tgt Ion: 62 Resp: 1572

Ion	Ratio	Lower	Upper
62	100		
64	65.2	23.0	42.8#



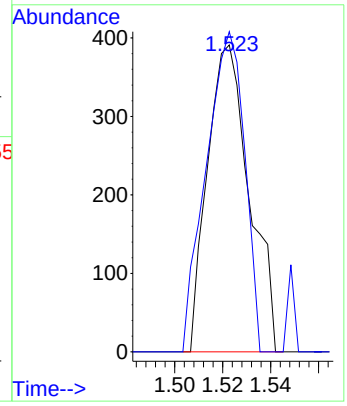


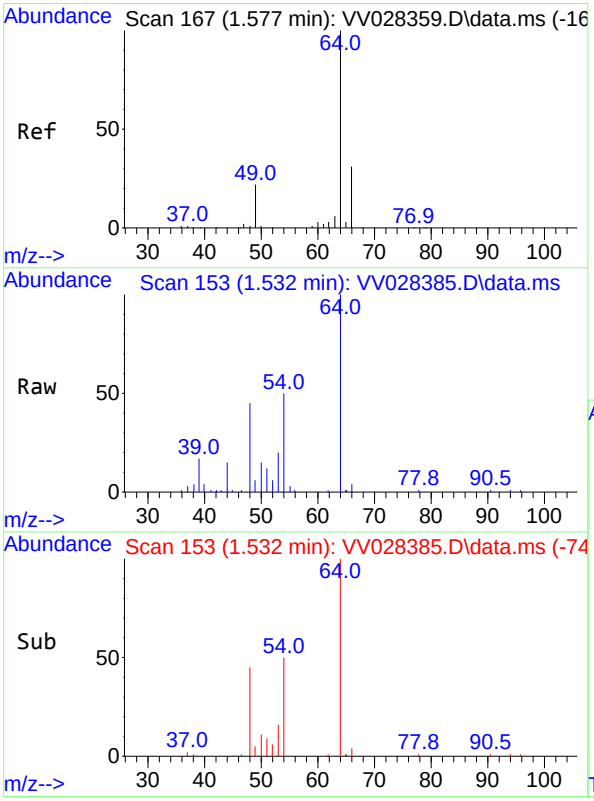
#6
Bromomethane
Concen: 0.108 ug/L
RT: 1.523 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Tgt Ion: 94 Resp: 475

Ion	Ratio	Lower	Upper
94	100		
96	104.3	66.7	123.9

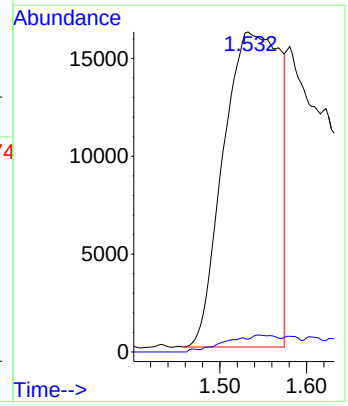


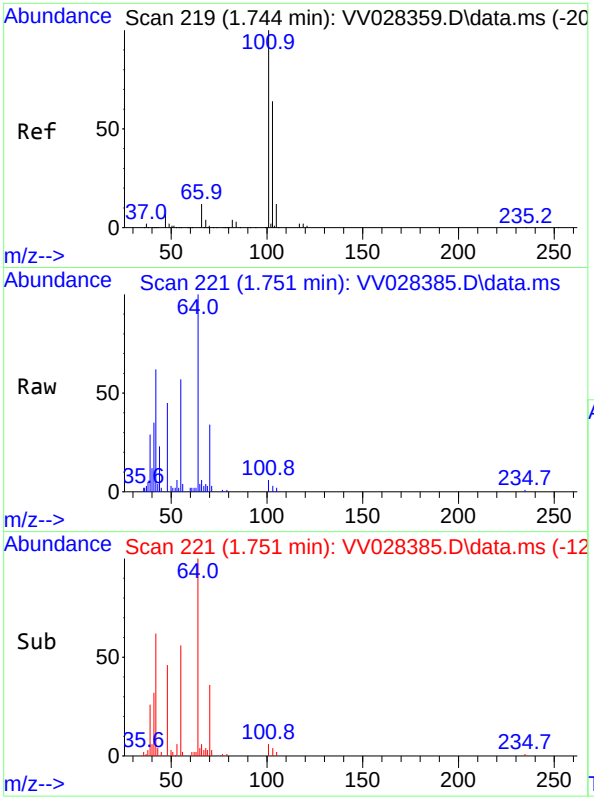


#8
Chloroethane
Concen: 11.705 ug/L
RT: 1.532 min Scan# 153
Delta R.T. -0.045 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Tgt Ion: 64 Resp: 72541

Ion	Ratio	Lower	Upper
64	100		
66	3.9	23.0	42.8#



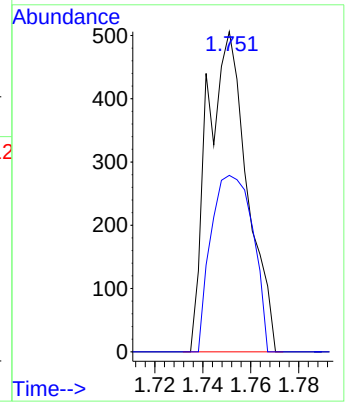


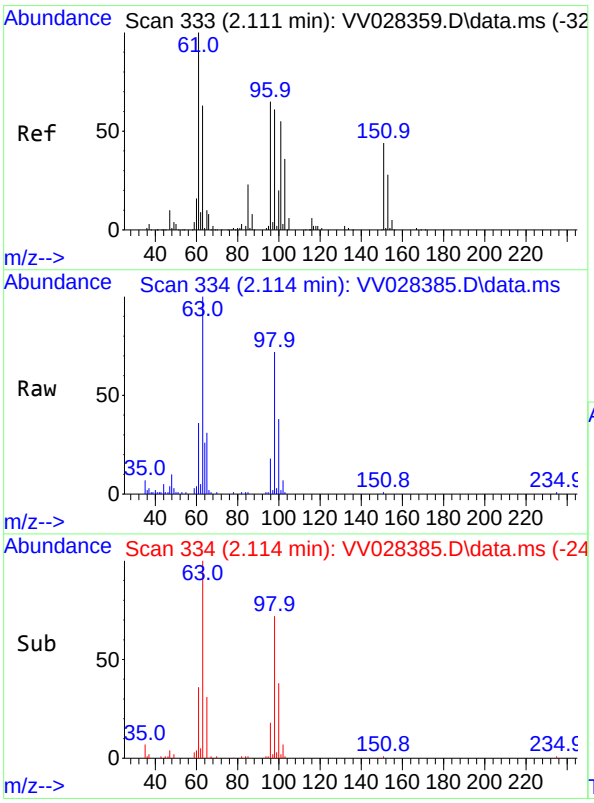
#9
Trichlorofluoromethane
Concen: 0.042 ug/L
RT: 1.751 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Tgt Ion:101 Resp: 582

Ion	Ratio	Lower	Upper
101	100		
103	58.1	51.4	77.0

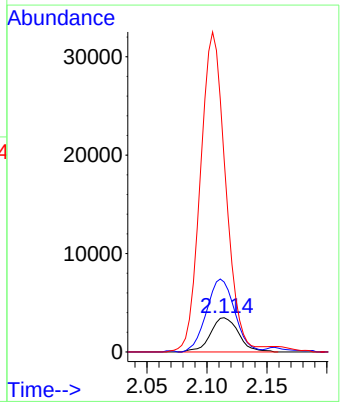


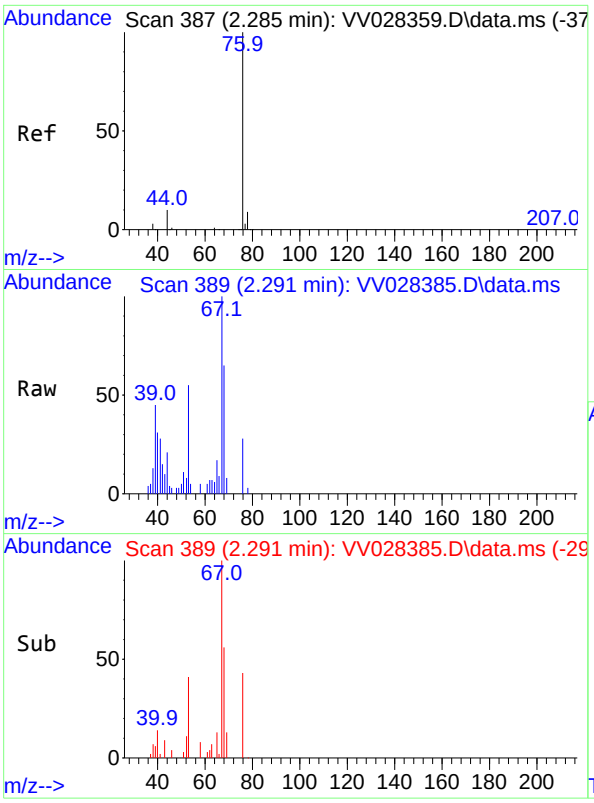


#12
1,1-Dichloroethene
Concen: 0.729 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Tgt Ion: 96 Resp: 5666

Ion	Ratio	Lower	Upper
96	100		
61	204.4	128.3	238.3
63	563.4	112.7	209.3#



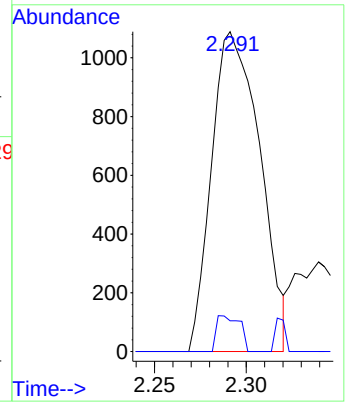


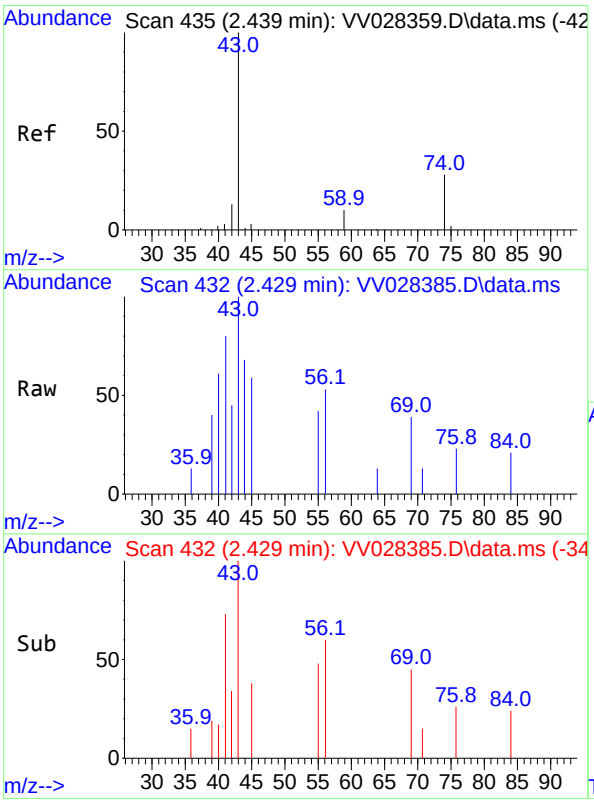
#14
Carbon disulfide
Concen: 0.082 ug/L
RT: 2.291 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Tgt Ion: 76 Resp: 1990

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.6	11.4

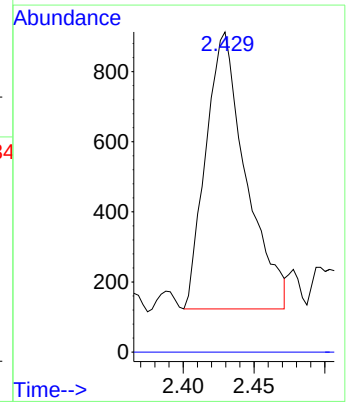


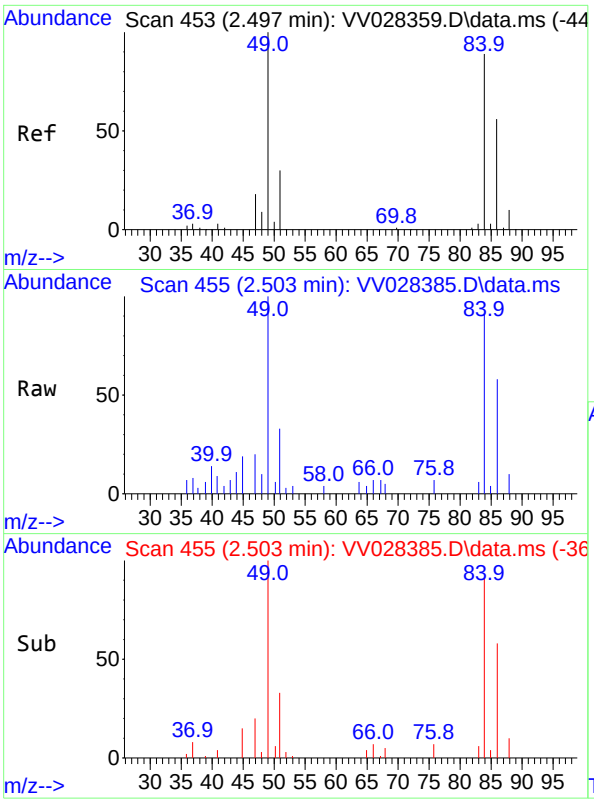


#15
Methyl Acetate
Concen: 0.631 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.003 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Tgt Ion: 43 Resp: 1554

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.9	25.3#



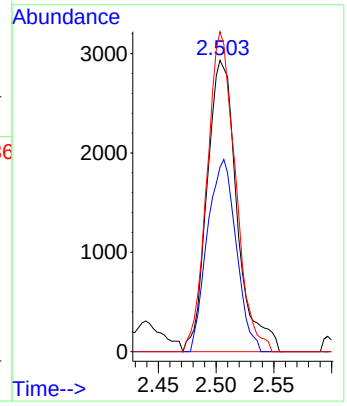


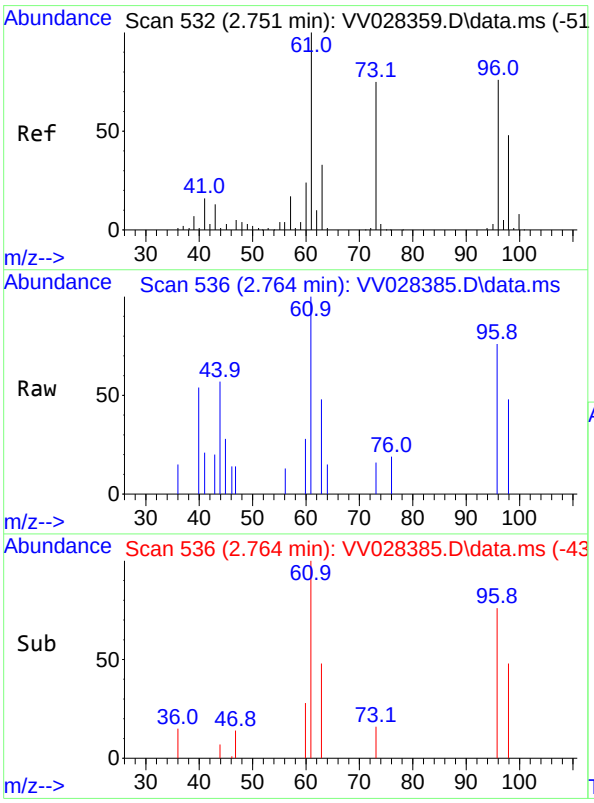
#16
Methylene chloride
Concen: 0.604 ug/L
RT: 2.503 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Tgt Ion: 84 Resp: 5282

Ion	Ratio	Lower	Upper
84	100		
86	63.3	46.8	86.8
49	109.8	87.5	162.5

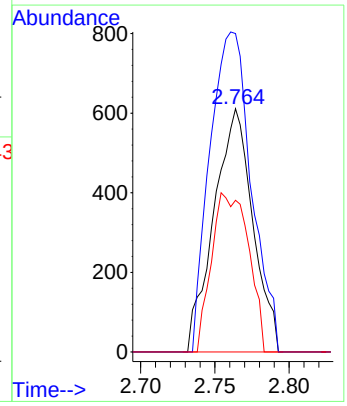


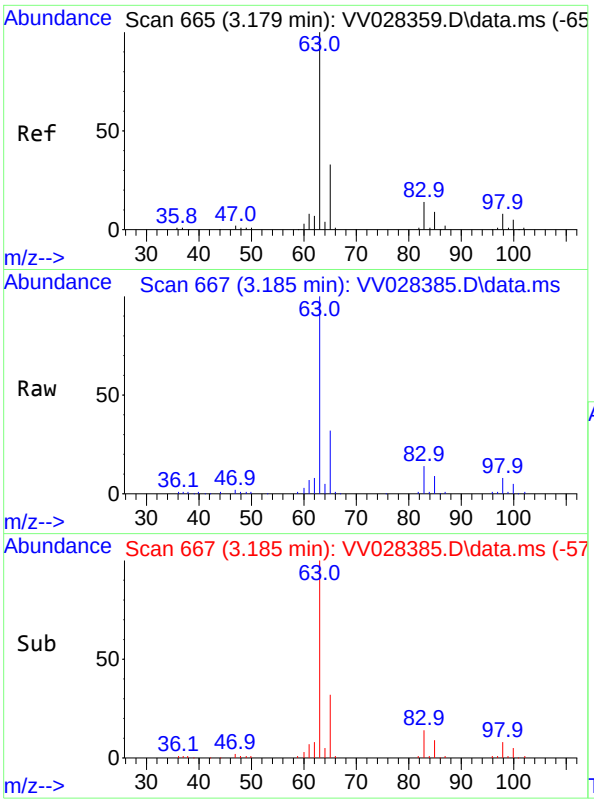


#18
trans-1,2-Dichloroethene
Concen: 0.138 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.013 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Tgt Ion: 96 Resp: 1116

Ion	Ratio	Lower	Upper
96	100		
61	130.9	96.2	178.6
98	62.4	45.7	84.9



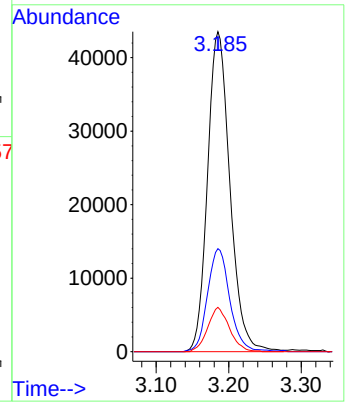


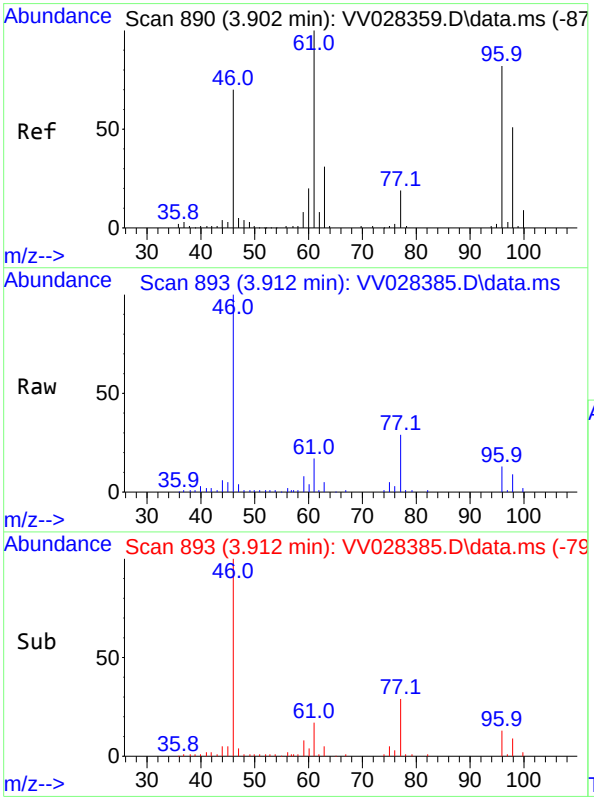
#19
1,1-Dichloroethane
Concen: 6.782 ug/L
RT: 3.185 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Tgt Ion: 63 Resp: 93494

Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.0	42.8
83	13.9	9.2	17.2

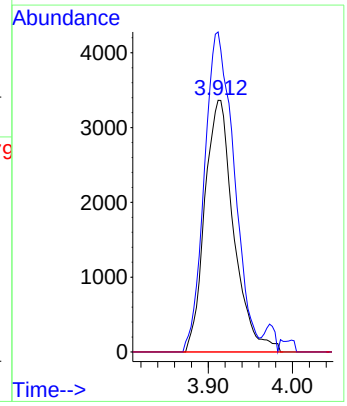


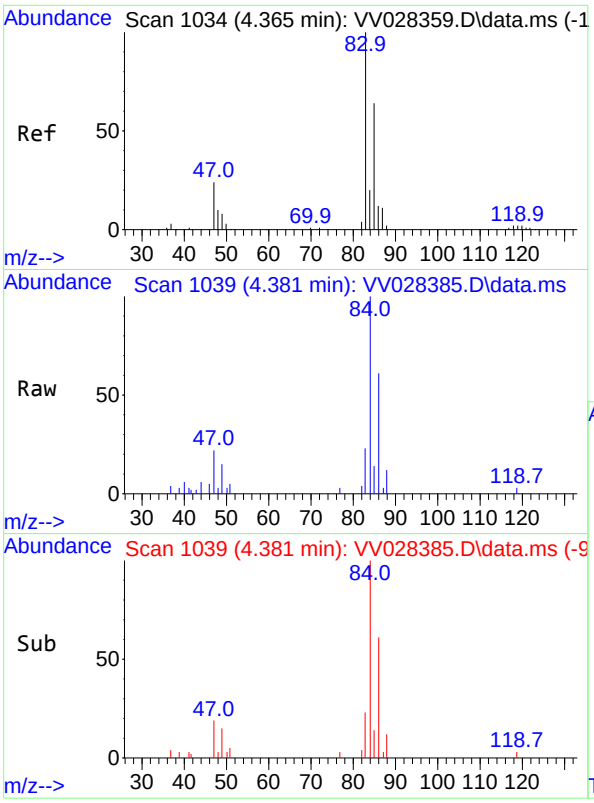


#22
cis-1,2-Dichloroethene
Concen: 0.987 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.007 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Tgt Ion: 96 Resp: 8045

Ion	Ratio	Lower	Upper
96	100		
61	127.2	87.2	161.9
68	0.0	0.0	0.0



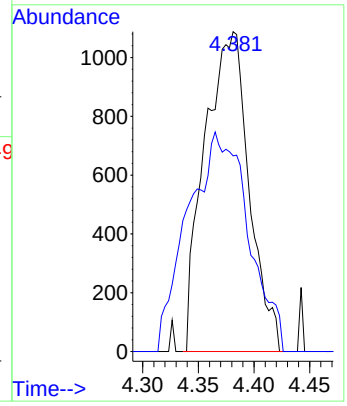


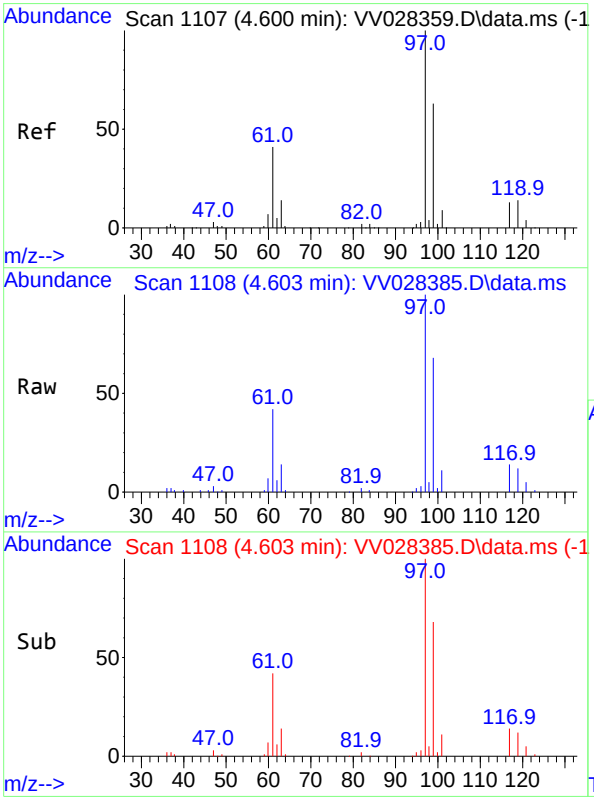
#25
Chloroform
Concen: 0.200 ug/L
RT: 4.381 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Tgt Ion: 83 Resp: 3016

Ion	Ratio	Lower	Upper
83	100		
85	61.2	45.1	83.7

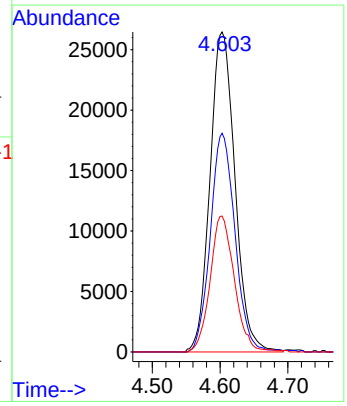


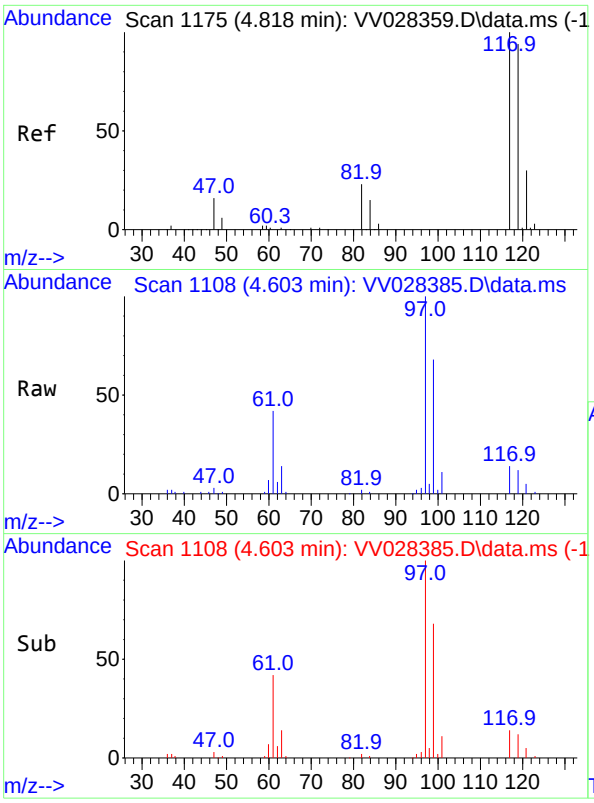


#29
1,1,1-Trichloroethane
Concen: 5.090 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Tgt Ion: 97 Resp: 67722

Ion	Ratio	Lower	Upper
97	100		
99	67.5	51.9	77.9
61	41.3	34.8	52.2



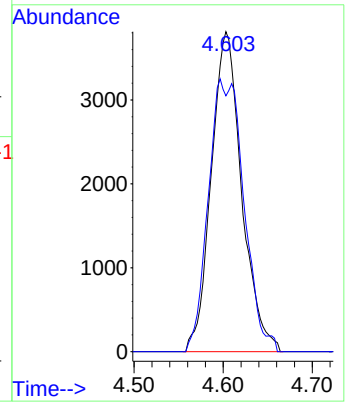


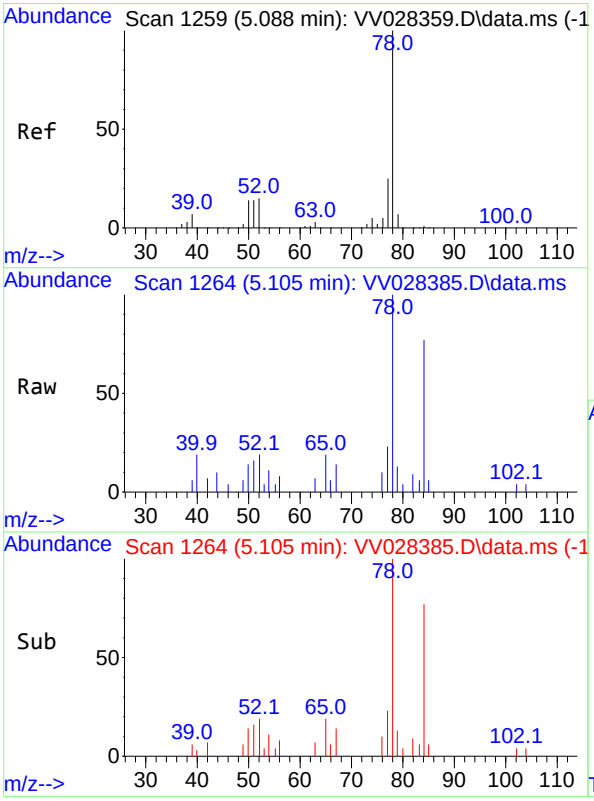
#31
Carbon tetrachloride
Concen: 0.758 ug/L
RT: 4.603 min Scan# 11
Delta R.T. -0.215 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Tgt Ion:117 Resp: 9049

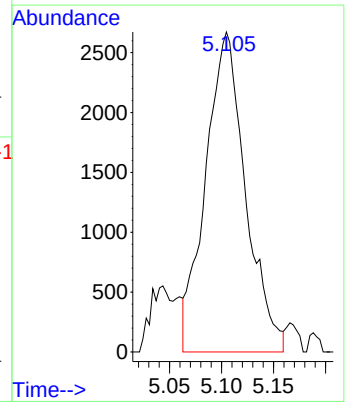
Ion	Ratio	Lower	Upper
117	100		
119	50.9	76.9	115.3#

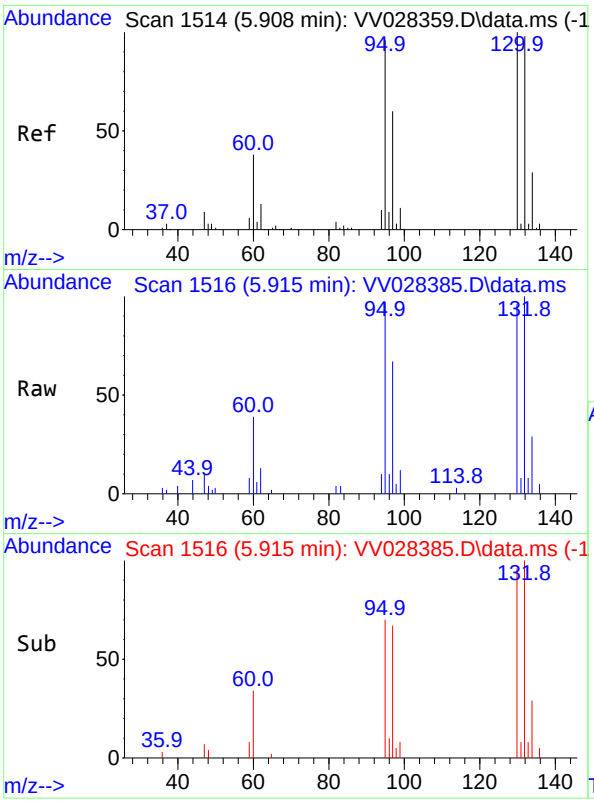




#33
Benzene
Concen: 0.222 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.013 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Tgt Ion: 78 Resp: 7142



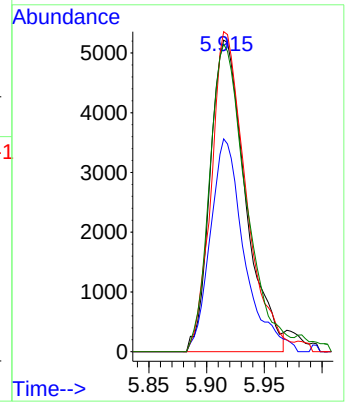


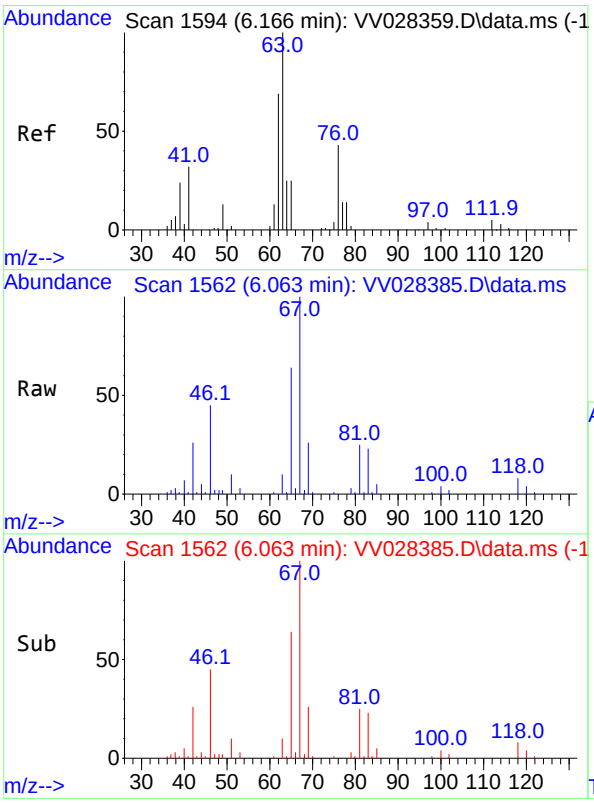
#34
Trichloroethene
Concen: 1.377 ug/L
RT: 5.915 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Tgt Ion: 95 Resp: 11068

Ion	Ratio	Lower	Upper
95	100		
97	68.3	44.2	82.0
132	102.7	67.8	126.0
130	98.7	68.8	127.8

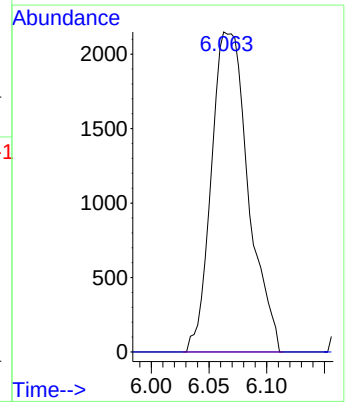


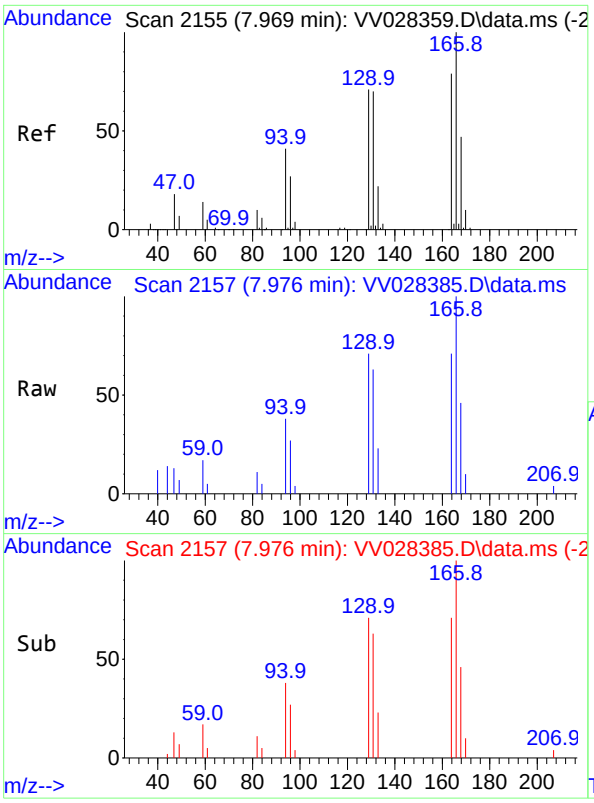


#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.106 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Tgt Ion: 63 Resp: 4788

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



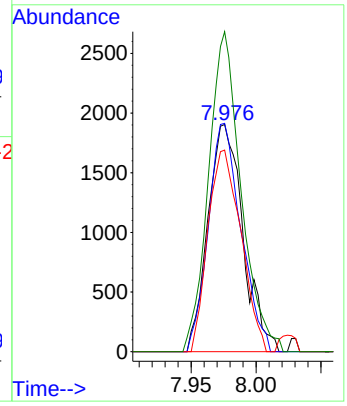


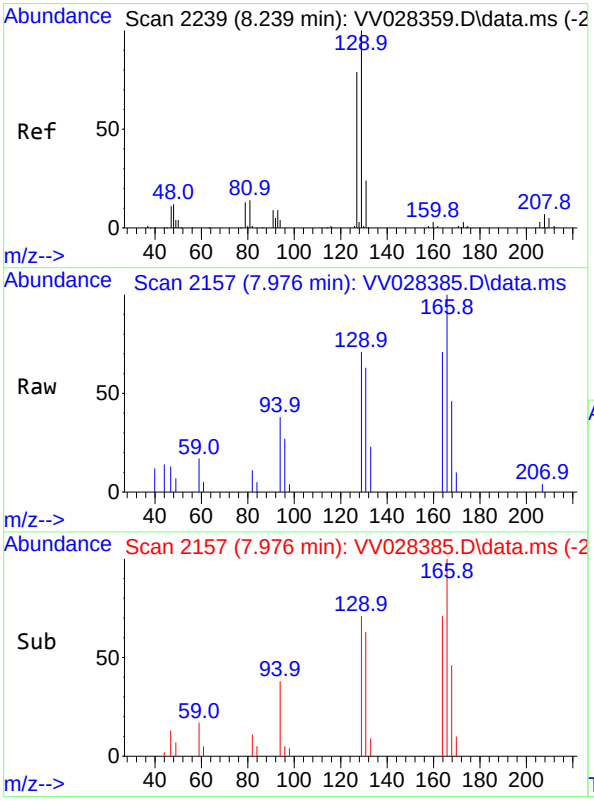
#47
Tetrachloroethene
Concen: 0.509 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Tgt Ion:164 Resp: 3576

Ion	Ratio	Lower	Upper
164	100		
129	100.5	66.7	123.9
131	88.7	61.7	114.5
166	140.8	90.9	168.9

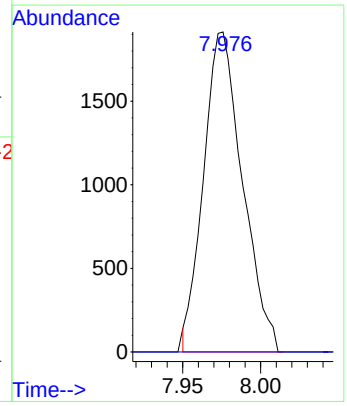


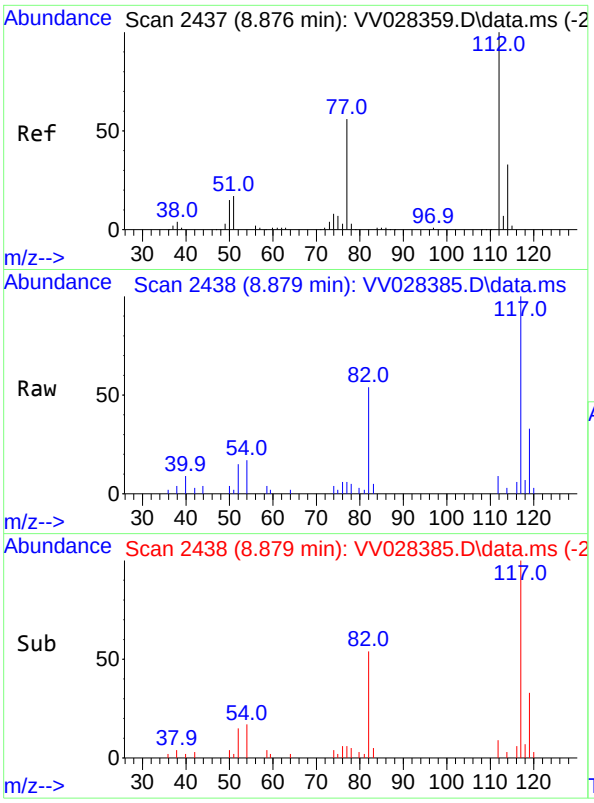


#49
Dibromochloromethane
Concen: 0.476 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Tgt Ion:129 Resp: 3326

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#



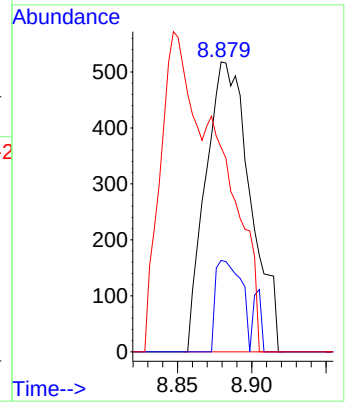


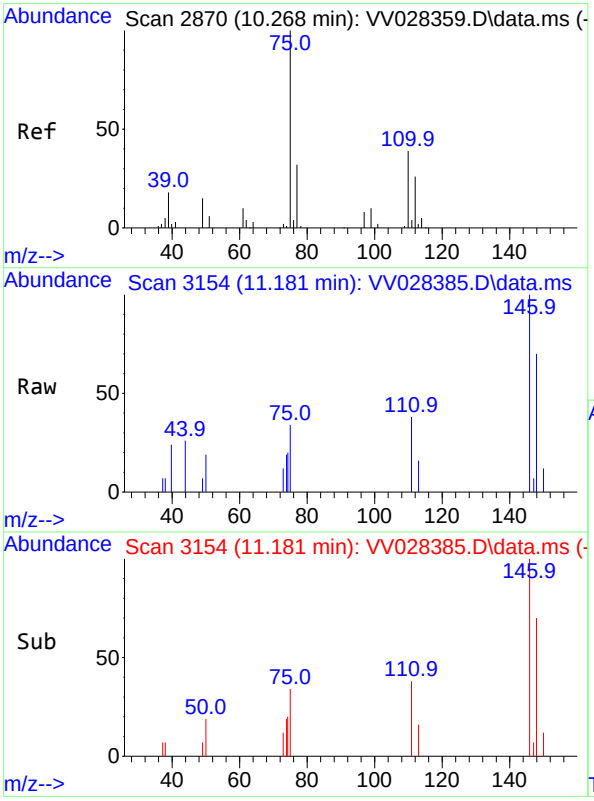
#51
Chlorobenzene
Concen: 0.048 ug/L
RT: 8.879 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Tgt Ion:112 Resp: 1085

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.5	41.7
77	70.5	46.1	69.1#

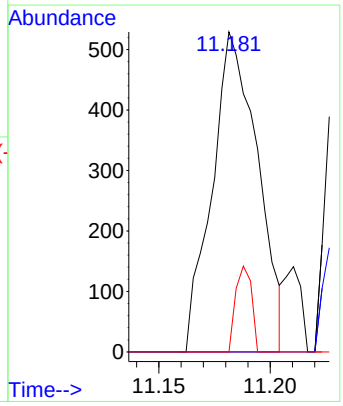


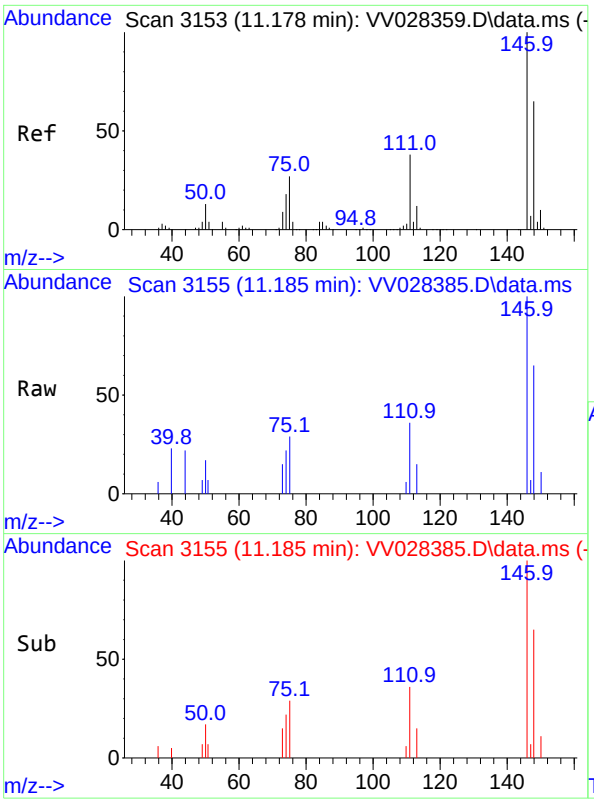


#61
1,2,3-Trichloropropane
Concen: 0.190 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.910 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Tgt Ion: 75 Resp: 752

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.7	40.1#
110	9.3	30.1	45.1#



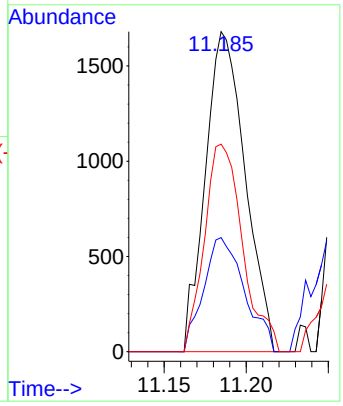


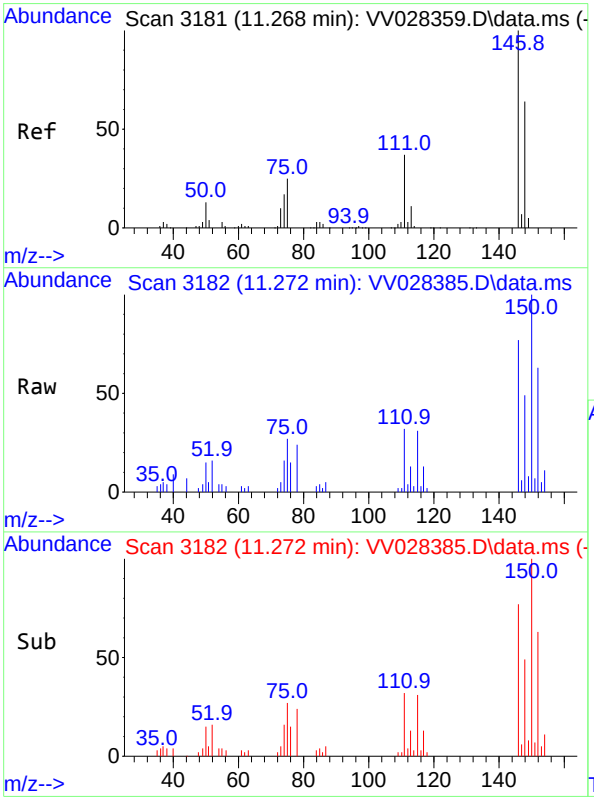
#64
1,3-Dichlorobenzene
Concen: 0.183 ug/L
RT: 11.185 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Tgt Ion:146 Resp: 2835

Ion	Ratio	Lower	Upper
146	100		
111	35.7	27.1	50.3
148	64.9	45.7	84.9

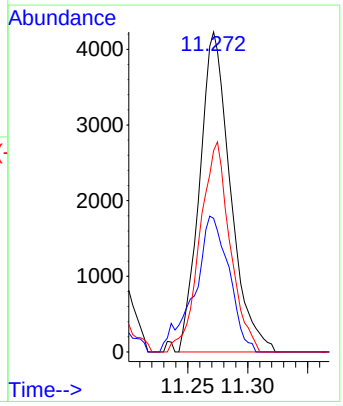


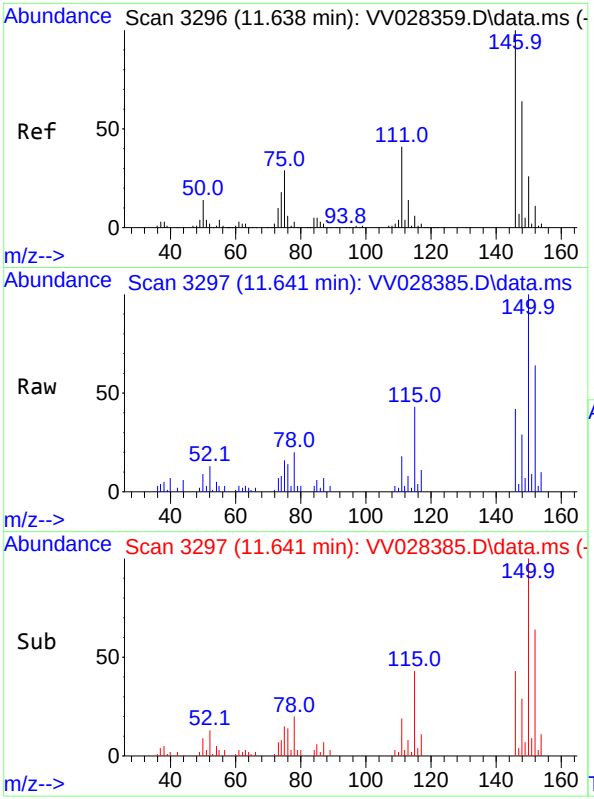


#65
1,4-Dichlorobenzene
Concen: 0.487 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Tgt Ion:146 Resp: 7535

Ion	Ratio	Lower	Upper
146	100		
111	41.7	26.2	48.8
148	62.9	45.8	85.2





#67
1,2-Dichlorobenzene
Concen: 0.476 ug/L
RT: 11.641 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028385.D
Acq: 05 Oct 2022 22:10

Instrument :
MSVOA_V
ClientSampleId :
EXZ58

Tgt Ion:146 Resp: 6677

Ion	Ratio	Lower	Upper
146	100		
111	43.4	32.6	49.0
148	68.5	50.1	75.1