

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032924\
 Data File : VU058295.D
 Acq On : 30 Mar 2024 01:41
 Operator : MD/SY
 Sample : P1929-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL5

Quant Time: Mar 30 03:27:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 30 01:09:11 2024
 Response via : Initial Calibration

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

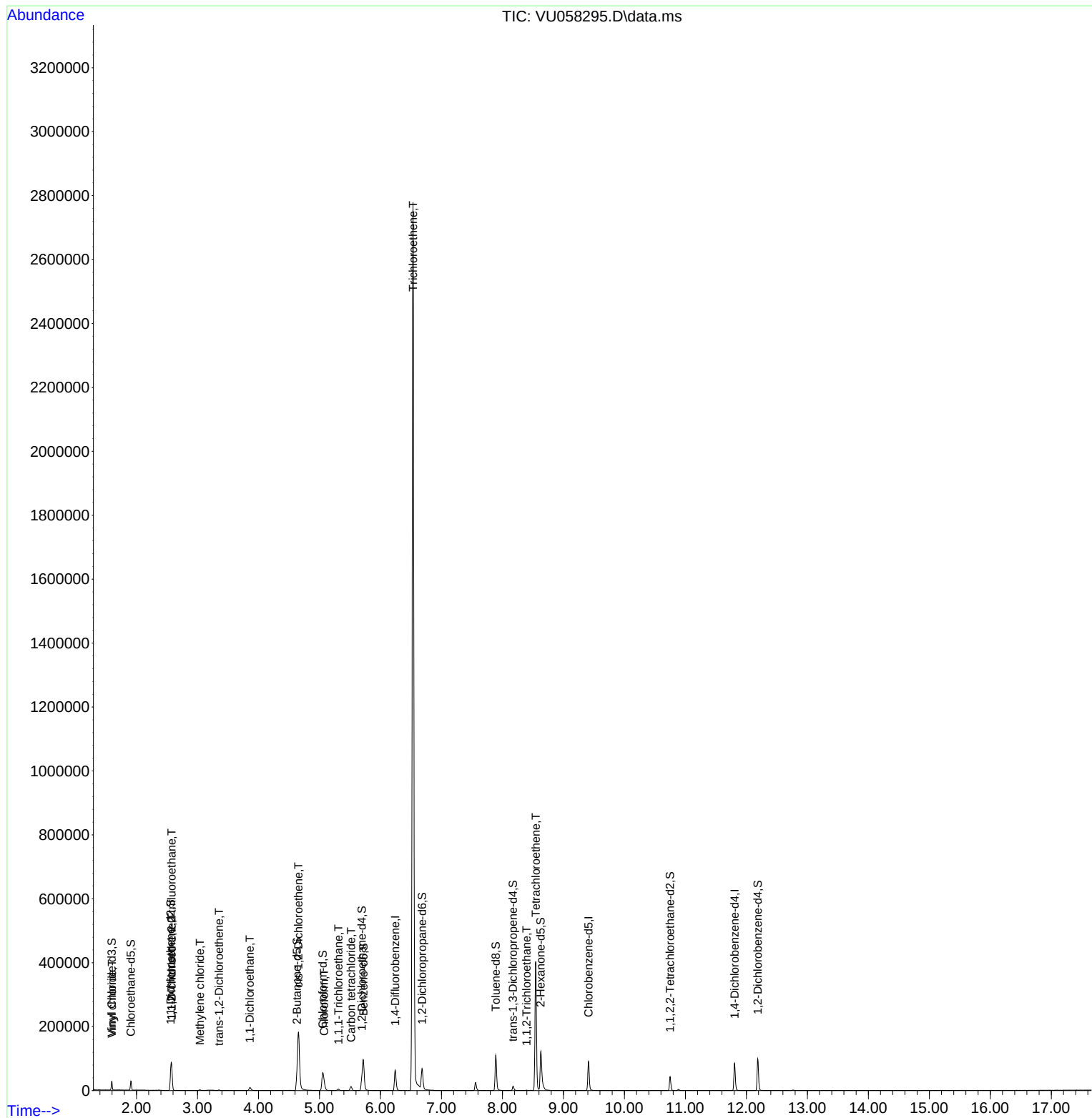
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	53768	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	50828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	22036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18735	4.123	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.907	69	19782	5.334	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.560	65	8498	4.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.631	46	64879	80.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	160.740%#
24) Chloroform-d	5.052	84	48765	6.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.000%
26) 1,2-Dichloroethane-d4	5.695	65	25145	6.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.400%#
32) Benzene-d6	5.721	84	92109	5.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
36) 1,2-Dichloropropane-d6	6.682	67	31115	6.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.800%
41) Toluene-d8	7.891	98	74722	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	8.174	79	8706	5.584	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.600%
46) 2-Hexanone-d5	8.627	63	45013	71.295	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.600%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21837	6.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	137.800%#
66) 1,2-Dichlorobenzene-d4	12.187	152	26050	6.348	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.000%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	571	0.185	ug/L #	66
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	7727	2.403	ug/L	97
12) 1,1-Dichloroethene	2.576	96	14866	5.515	ug/L	84
16) Methylene chloride	3.039	84	1228	0.321	ug/L #	70
18) trans-1,2-Dichloroethene	3.354	96	588	0.209	ug/L	95
19) 1,1-Dichloroethane	3.859	63	12077	1.908	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	86818	24.940	ug/L	99
25) Chloroform	5.078	83	15683	2.363	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	3441	0.655	ug/L	98
31) Carbon tetrachloride	5.518	117	8660	1.936	ug/L	95
34) Trichloroethene	6.534	95	935493	268.977	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	411	0.175	ug/L	89
47) Tetrachloroethene	8.547	164	83798	35.972	ug/L	98

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

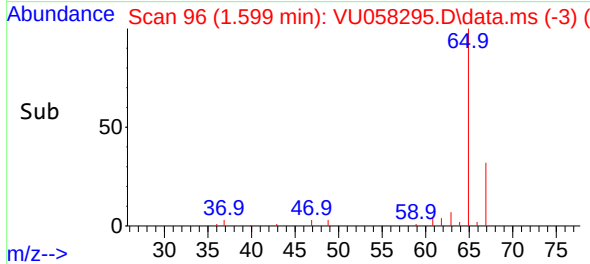
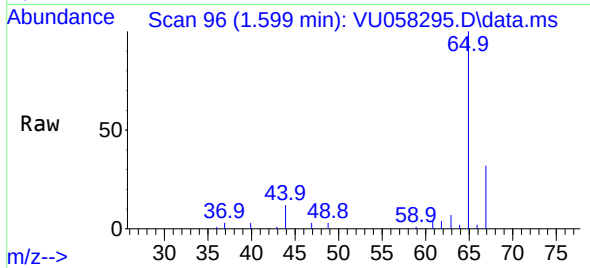
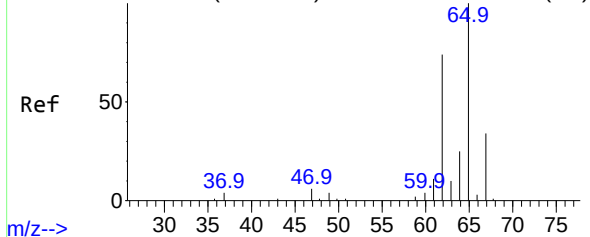
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032924\
Data File : VU058295.D
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QLast Update : Sat Mar 30 01:09:11 2024
Response via : Initial Calibration



Abundance Scan 96 (1.599 min): VU058283.D\data.ms (-88)



#5

Vinyl chloride

Concen: 0.185 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058295.D

Acq: 30 Mar 2024 01:41

Instrument :

MSVOA_U

ClientSampleId :

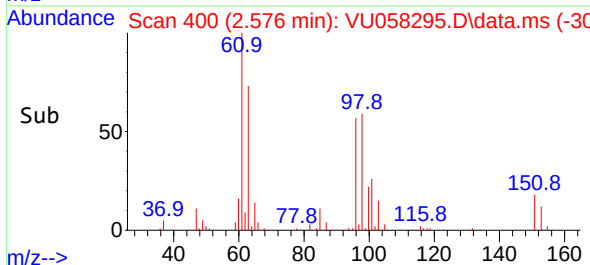
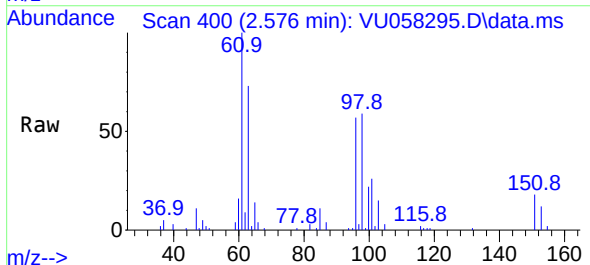
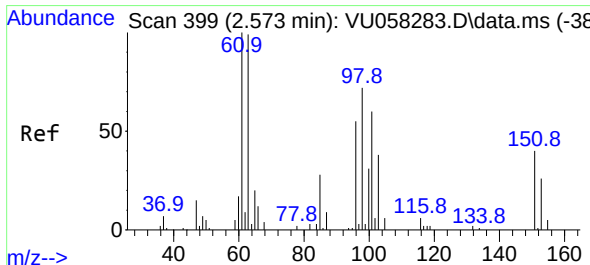
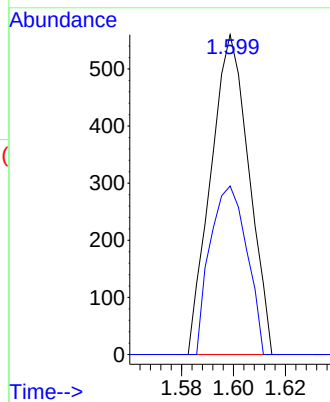
C0AL5

Tgt Ion: 62 Resp: 571

Ion Ratio Lower Upper

62 100

64 52.7 23.4 43.6#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.403 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU058295.D

Acq: 30 Mar 2024 01:41

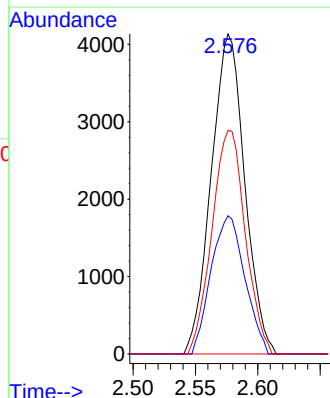
Tgt Ion: 101 Resp: 7727

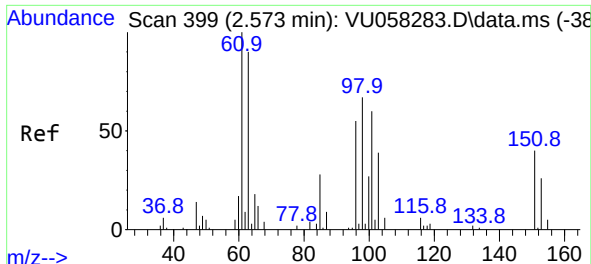
Ion Ratio Lower Upper

101 100

85 43.5 37.9 56.9

151 69.5 55.3 82.9





#12

1,1-Dichloroethene

Concen: 5.515 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU058295.D

Acq: 30 Mar 2024 01:41

Instrument :

MSVOA_U

ClientSampleId :

COAL5

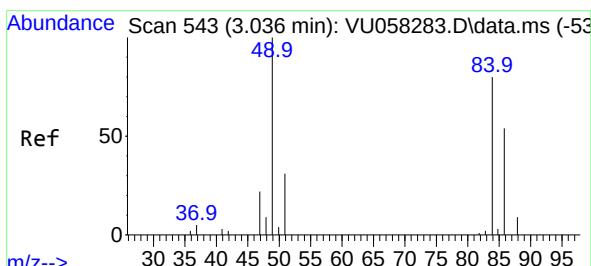
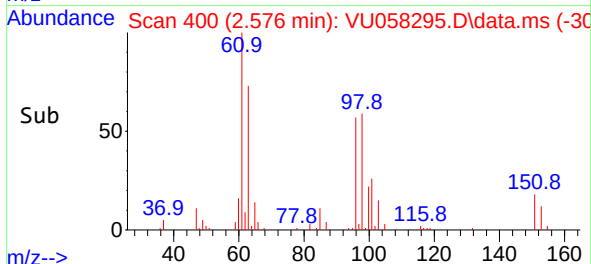
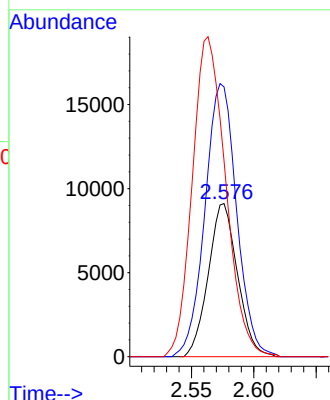
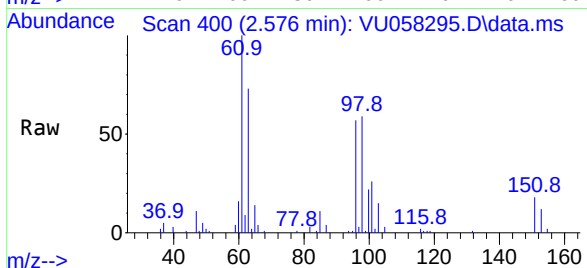
Tgt Ion: 96 Resp: 14866

Ion Ratio Lower Upper

96 100

61 176.2 128.1 237.9

63 127.9 116.8 217.0



#16

Methylene chloride

Concen: 0.321 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058295.D

Acq: 30 Mar 2024 01:41

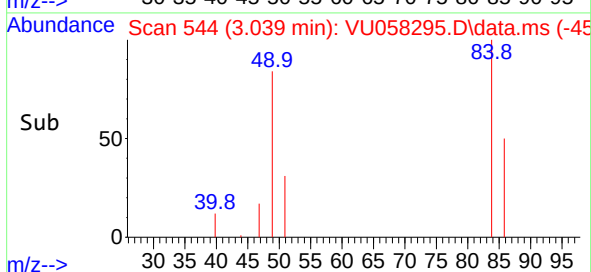
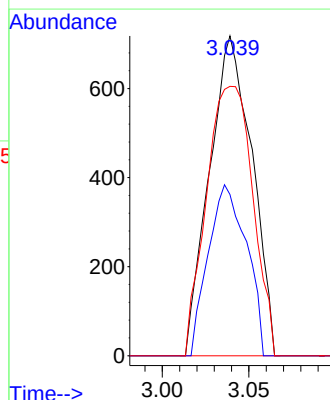
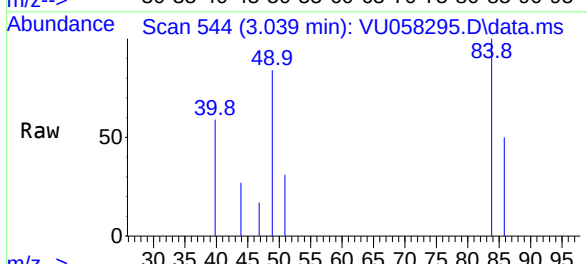
Tgt Ion: 84 Resp: 1228

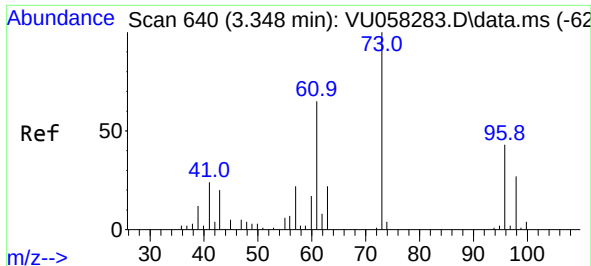
Ion Ratio Lower Upper

84 100

86 50.4 45.6 84.6

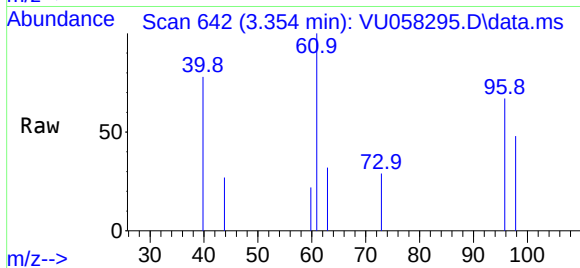
49 84.3 88.3 163.9#





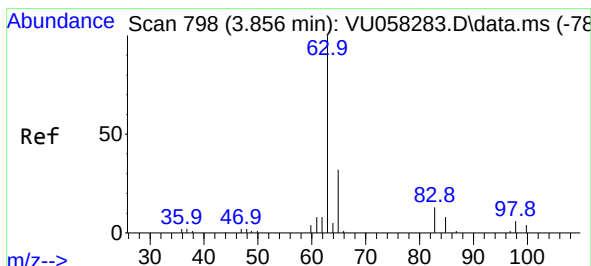
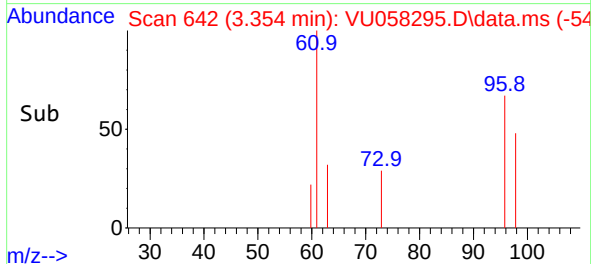
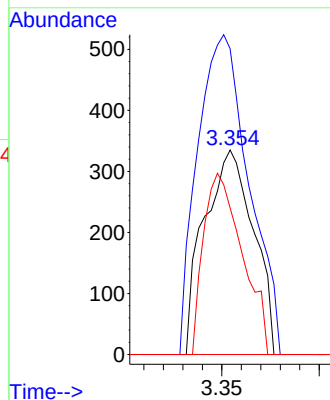
#18
trans-1,2-Dichloroethene
Concen: 0.209 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU058295.D
Acq: 30 Mar 2024 01:41

Instrument :
MSVOA_U
ClientSampleId :
C0AL5



Tgt Ion: 96 Resp: 588

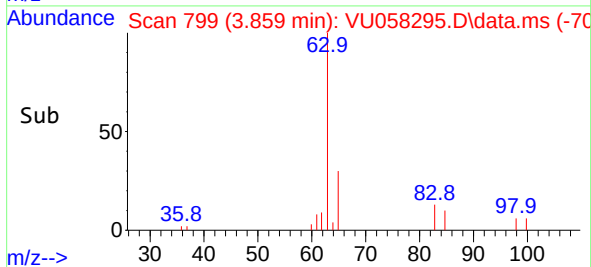
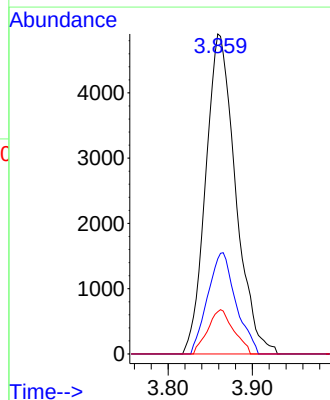
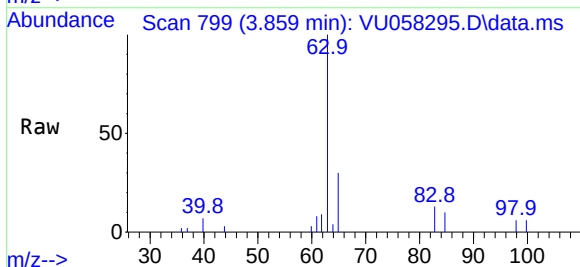
Ion	Ratio	Lower	Upper
96	100		
61	149.6	102.5	190.3
98	71.6	44.0	81.8

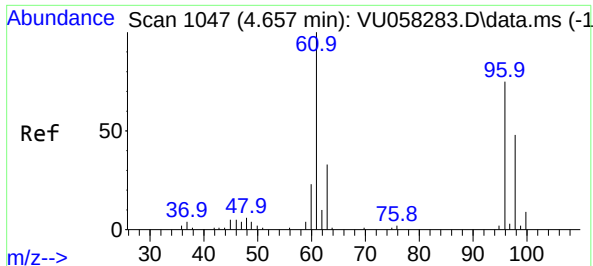


#19
1,1-Dichloroethane
Concen: 1.908 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.003 min
Lab File: VU058295.D
Acq: 30 Mar 2024 01:41

Tgt Ion: 63 Resp: 12077

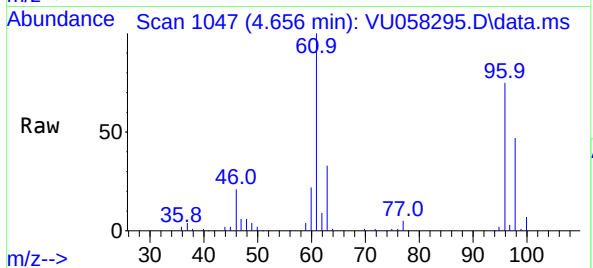
Ion	Ratio	Lower	Upper
63	100		
65	29.8	22.3	41.5
83	13.2	10.0	18.6





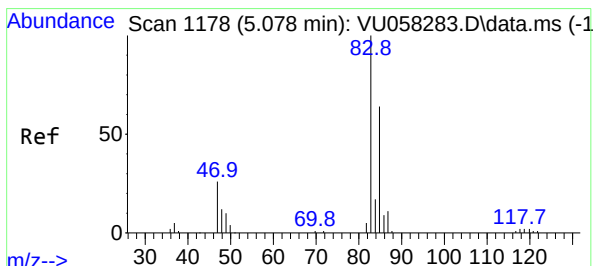
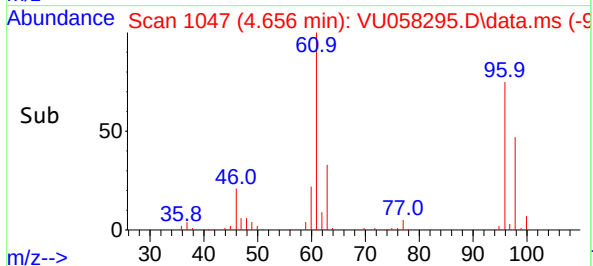
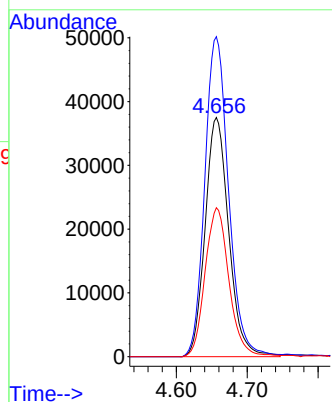
#22
cis-1,2-Dichloroethene
Concen: 24.940 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU058295.D
Acq: 30 Mar 2024 01:41

Instrument :
MSVOA_U
ClientSampleId :
C0AL5



Tgt Ion: 96 Resp: 86818

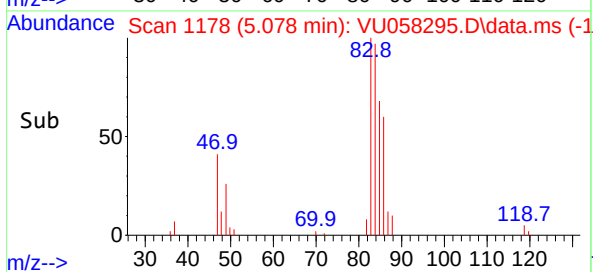
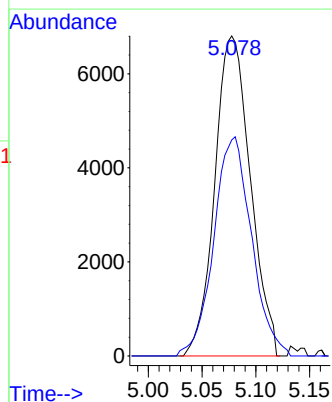
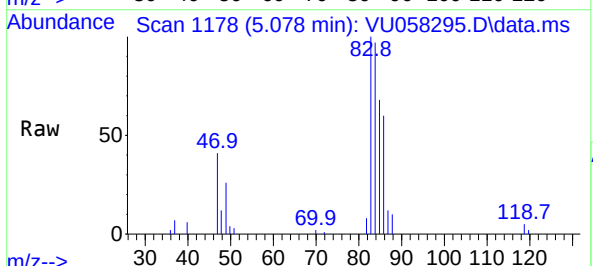
Ion	Ratio	Lower	Upper
96	100		
61	133.8	92.8	172.4
98	62.3	43.2	80.2

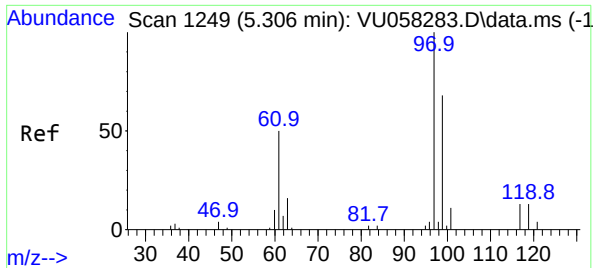


#25
Chloroform
Concen: 2.363 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058295.D
Acq: 30 Mar 2024 01:41

Tgt Ion: 83 Resp: 15683

Ion	Ratio	Lower	Upper
83	100		
85	67.5	47.9	88.9



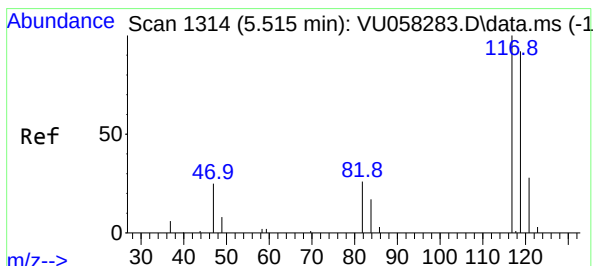
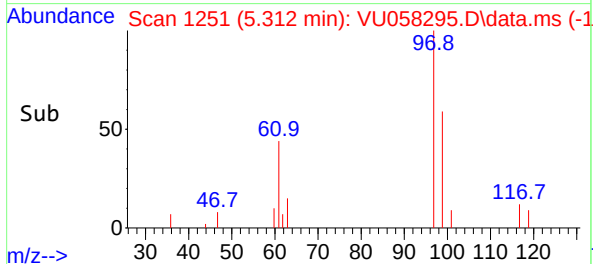
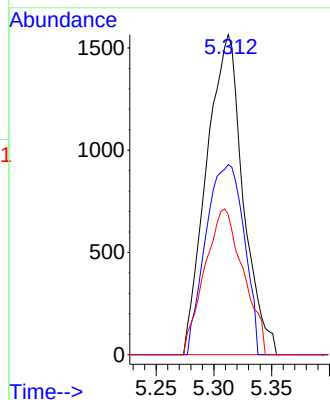
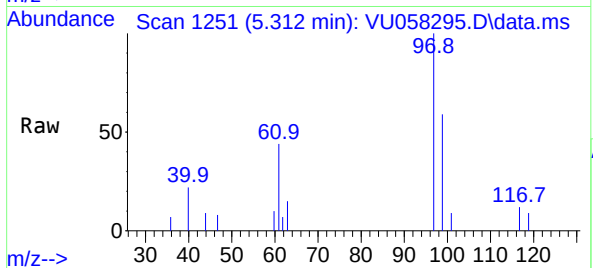


#29
1,1,1-Trichloroethane
Concen: 0.655 ug/L
RT: 5.312 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU058295.D
Acq: 30 Mar 2024 01:41

Instrument :
MSVOA_U
ClientSampleId :
C0AL5

Tgt Ion: 97 Resp: 3441

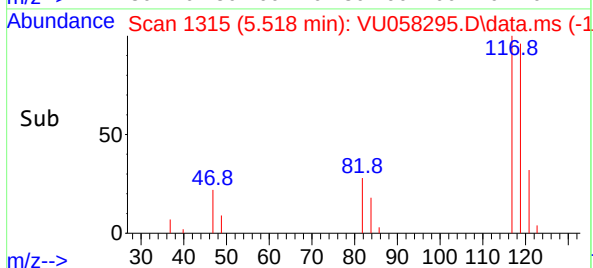
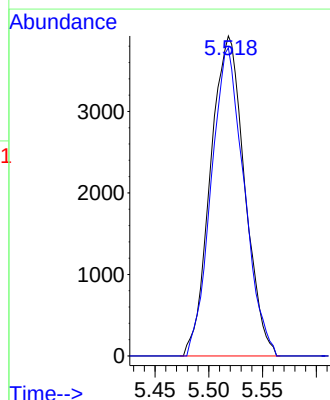
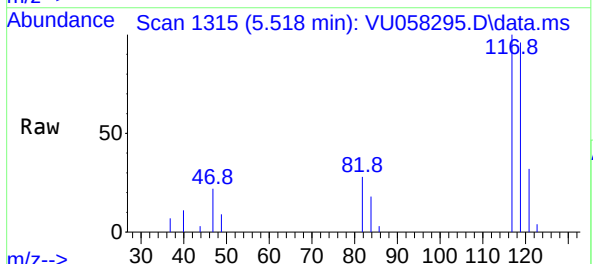
Ion	Ratio	Lower	Upper
97	100		
99	62.3	50.5	75.7
61	48.2	36.3	54.5

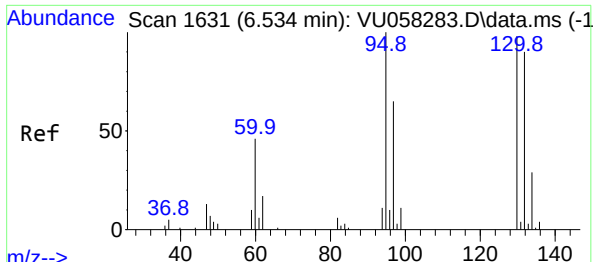


#31
Carbon tetrachloride
Concen: 1.936 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU058295.D
Acq: 30 Mar 2024 01:41

Tgt Ion: 117 Resp: 8660

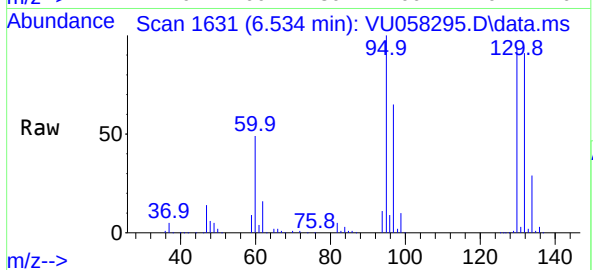
Ion	Ratio	Lower	Upper
117	100		
119	92.9	78.1	117.1





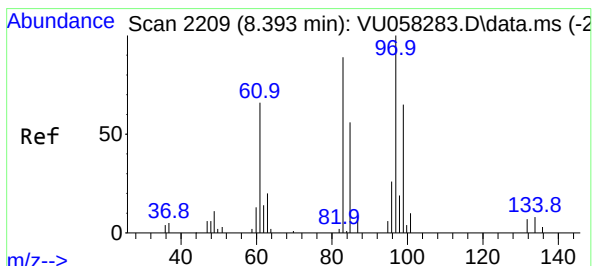
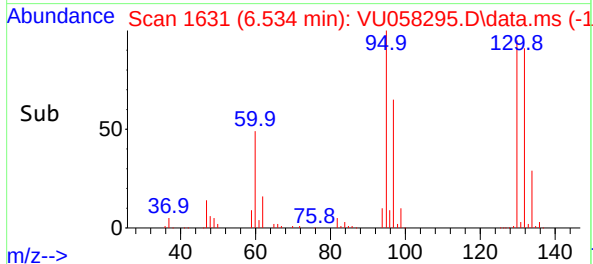
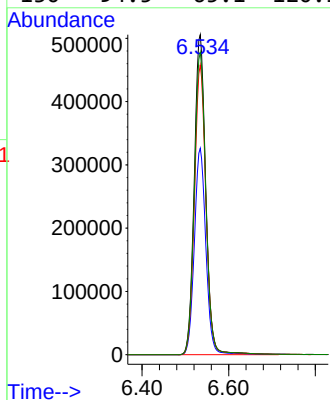
#34
Trichloroethene
Concen: 268.977 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058295.D
Acq: 30 Mar 2024 01:41

Instrument :
MSVOA_U
ClientSampleId :
C0AL5



Tgt Ion: 95 Resp: 935493

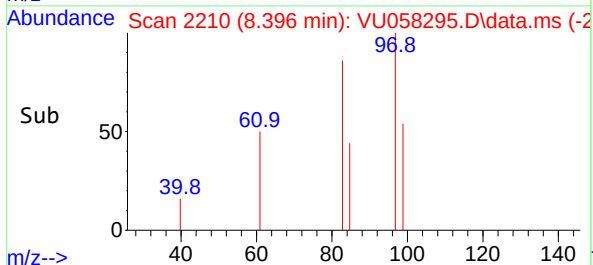
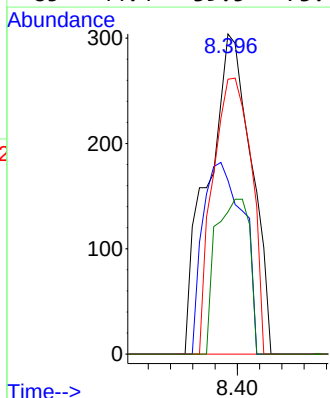
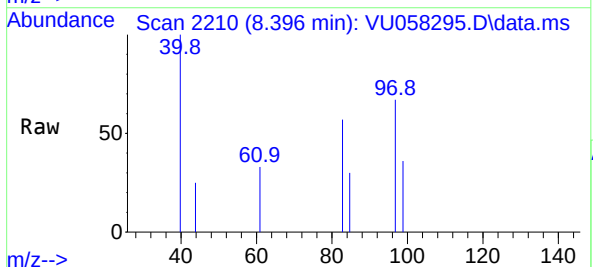
Ion	Ratio	Lower	Upper
95	100		
97	64.5	47.7	88.7
132	90.5	63.6	118.2
130	94.5	65.1	120.9

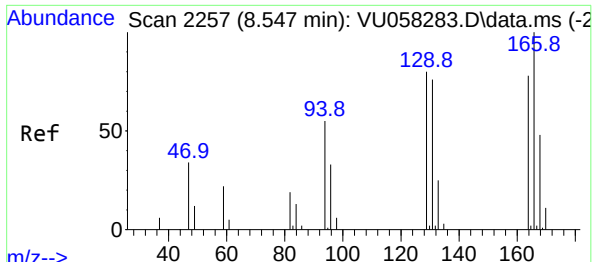


#45
1,1,2-Trichloroethane
Concen: 0.175 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU058295.D
Acq: 30 Mar 2024 01:41

Tgt Ion: 97 Resp: 411

Ion	Ratio	Lower	Upper
97	100		
99	54.3	44.5	82.7
83	85.9	64.1	119.1
85	44.4	39.5	73.4





#47
 Tetrachloroethene
 Concen: 35.972 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058295.D
 Acq: 30 Mar 2024 01:41

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL5

Tgt Ion:164 Resp: 83798

Ion	Ratio	Lower	Upper
164	100		
129	104.5	71.3	132.3
131	99.6	70.8	131.4
166	128.9	90.9	168.9

