

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058396.D
 Acq On : 05 Apr 2024 03:29
 Operator : MD/SY
 Sample : P1970-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAK0

Quant Time: Apr 05 05:17:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

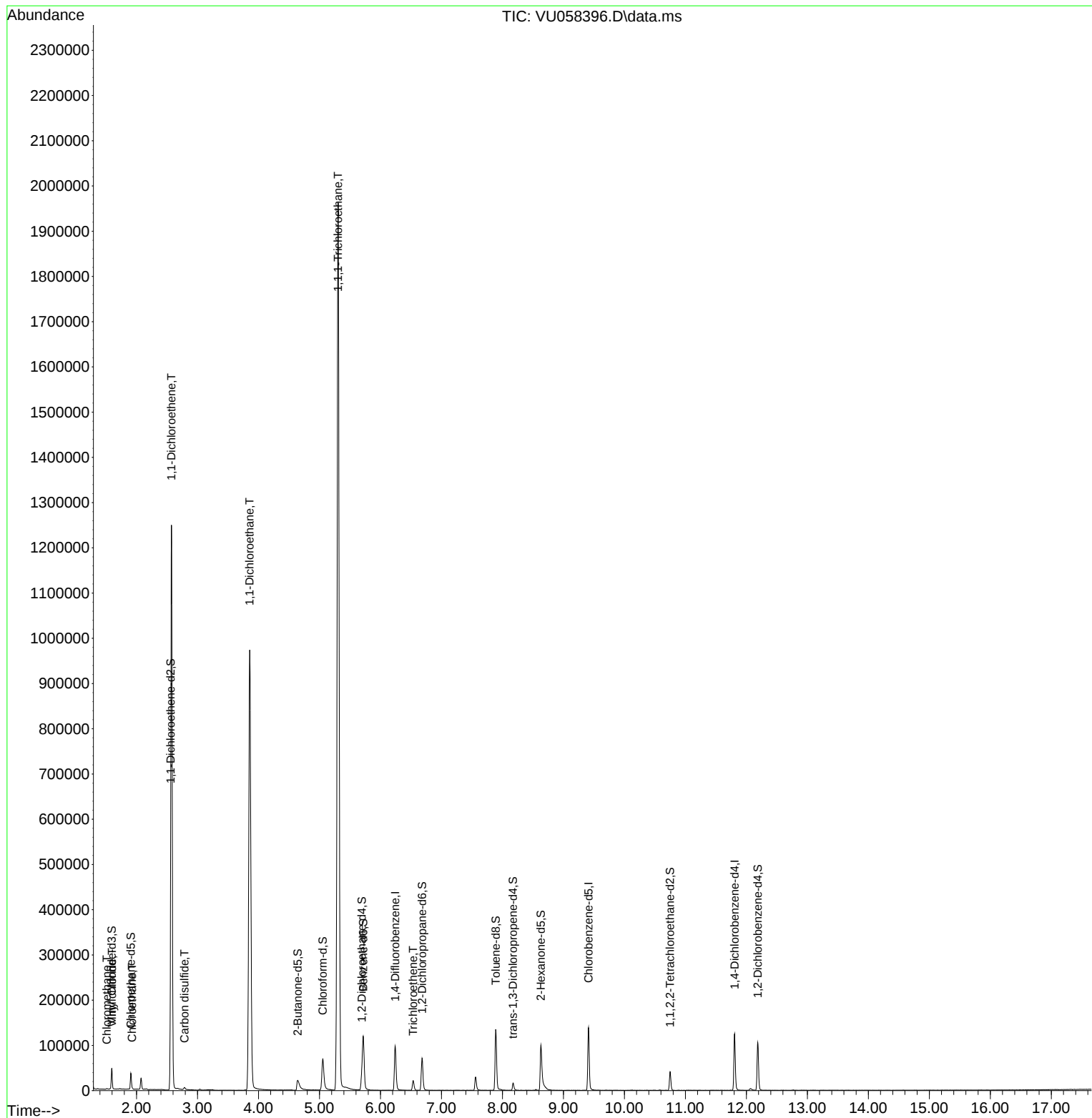
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78852	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	75072	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27634	5.293	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.800%		
7) Chloroethane-d5	1.907	69	24000	5.290	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.800%		
11) 1,1-Dichloroethene-d2	2.560	65	13095	5.542	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 110.800%		
20) 2-Butanone-d5	4.644	46	46536	42.299	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 84.600%		
24) Chloroform-d	5.052	84	54690	5.248	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.000%		
26) 1,2-Dichloroethane-d4	5.695	65	24959	5.132	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.600%		
32) Benzene-d6	5.718	84	109600	5.423	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.400%		
36) 1,2-Dichloropropane-d6	6.682	67	34017	5.367	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 107.400%		
41) Toluene-d8	7.891	98	91272	5.092	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.800%		
43) trans-1,3-Dichloroprop...	8.174	79	10138	5.153	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.000%		
46) 2-Hexanone-d5	8.631	63	38995	48.052	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 96.100%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21851	4.883	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 97.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	28760	5.160	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.200%		
Target Compounds						
						Qvalue
3) Chloromethane	1.512	50	942	0.117	ug/L	95
5) Vinyl chloride	1.599	62	3975	0.495	ug/L #	80
8) Chloroethane	1.927	64	1368	0.270	ug/L	84
12) 1,1-Dichloroethene	2.573	96	386778	69.213	ug/L #	77
14) Carbon disulfide	2.785	76	5776	0.325	ug/L	95
19) 1,1-Dichloroethane	3.856	63	1144219	89.507	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	1390834	138.183	ug/L	99
34) Trichloroethene	6.537	95	7381	1.076	ug/L	95

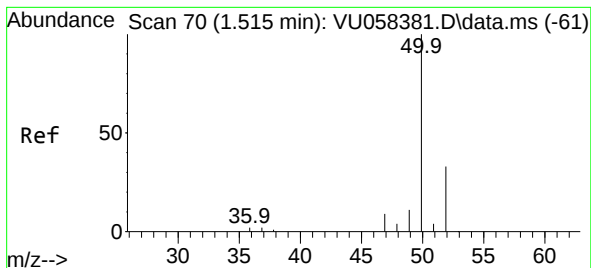
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
Data File : VU058396.D
Acq On : 05 Apr 2024 03:29
Operator : MD/SY
Sample : P1970-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AK0

Quant Time: Apr 05 05:17:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 05 00:02:56 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.117 ug/L

RT: 1.512 min Scan# 69

Delta R.T. -0.003 min

Lab File: VU058396.D

Acq: 05 Apr 2024 03:29

Instrument :

MSVOA_U

ClientSampleId :

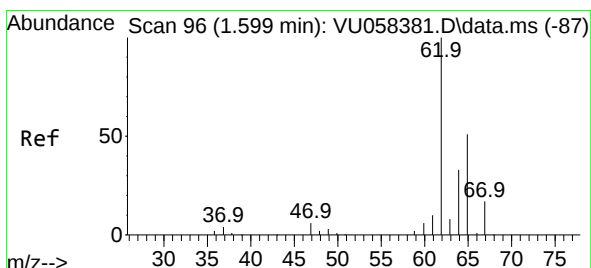
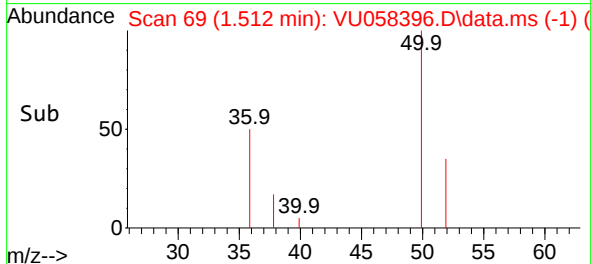
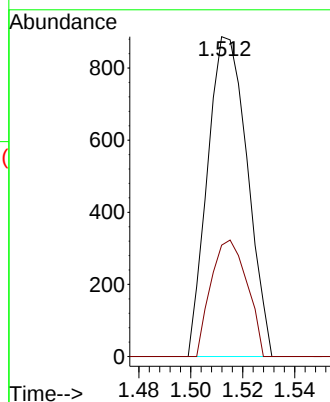
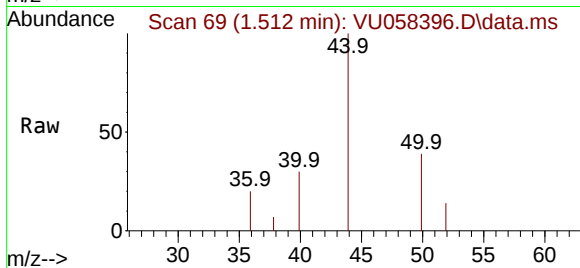
C0AK0

Tgt Ion: 50 Resp: 942

Ion Ratio Lower Upper

50 100

52 34.8 22.6 42.0



#5

Vinyl chloride

Concen: 0.495 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU058396.D

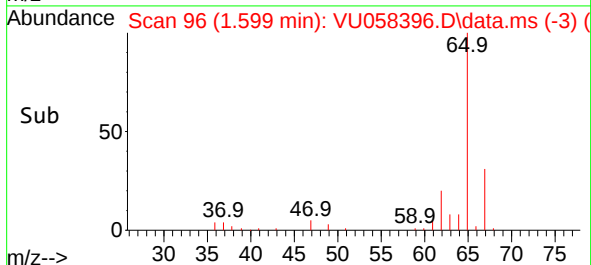
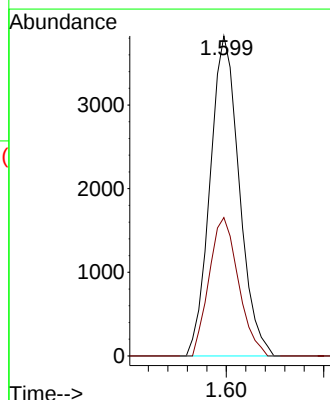
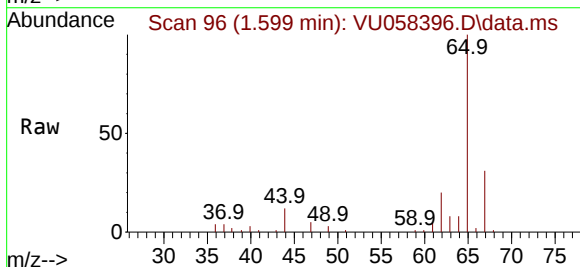
Acq: 05 Apr 2024 03:29

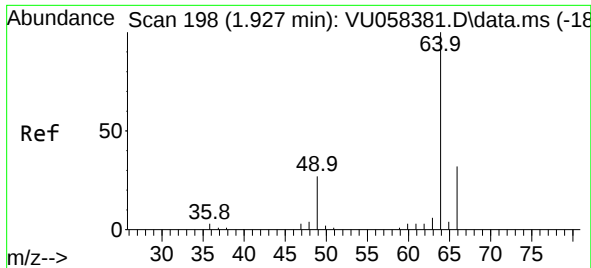
Tgt Ion: 62 Resp: 3975

Ion Ratio Lower Upper

62 100

64 43.2 22.6 42.0#

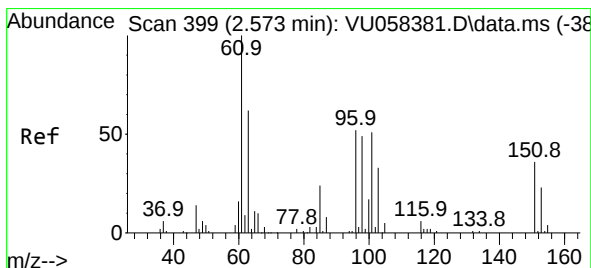
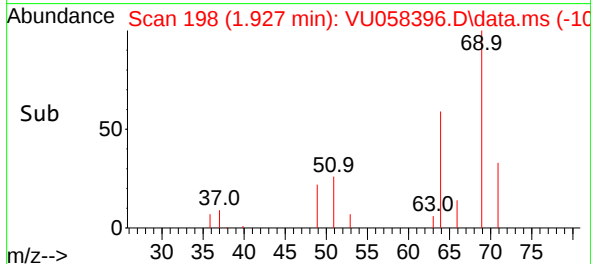
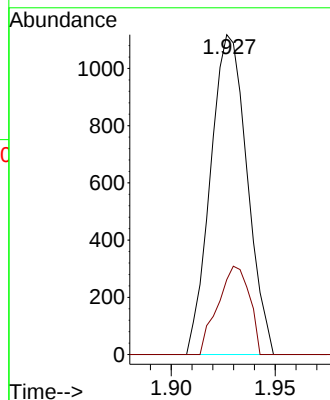
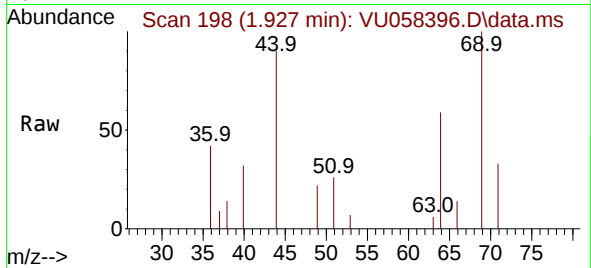




#8
Chloroethane
Concen: 0.270 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

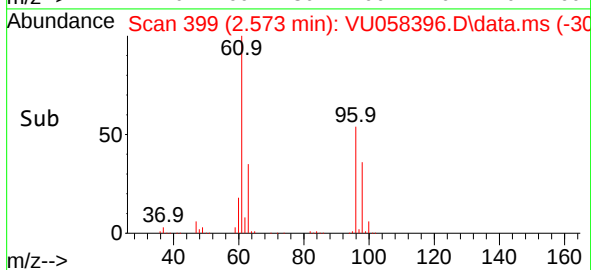
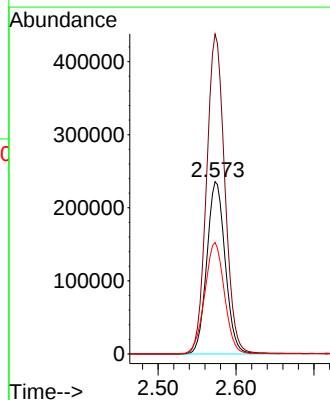
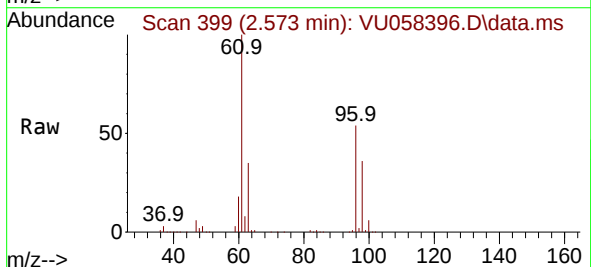
Instrument :
MSVOA_U
ClientSampleId :
COAK0

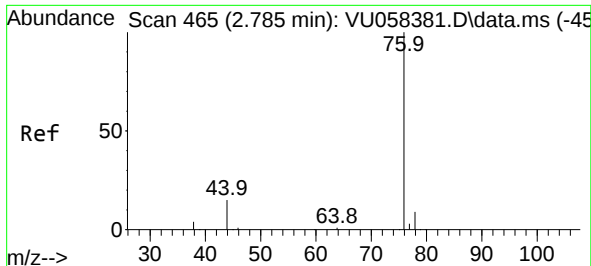
Tgt Ion: 64 Resp: 1368
Ion Ratio Lower Upper
64 100
66 23.4 22.5 41.9



#12
1,1-Dichloroethene
Concen: 69.213 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

Tgt Ion: 96 Resp: 386778
Ion Ratio Lower Upper
96 100
61 185.6 132.5 246.1
63 64.7 87.7 162.9





#14

Carbon disulfide

Concen: 0.325 ug/L

RT: 2.785 min Scan# 4

Delta R.T. -0.000 min

Lab File: VU058396.D

Acq: 05 Apr 2024 03:29

Instrument :

MSVOA_U

ClientSampleId :

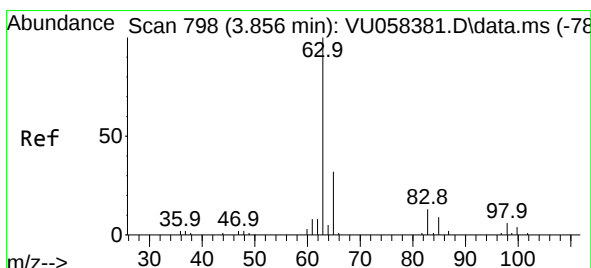
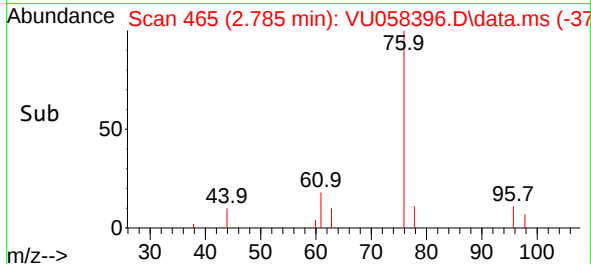
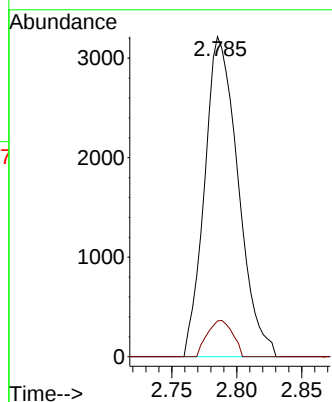
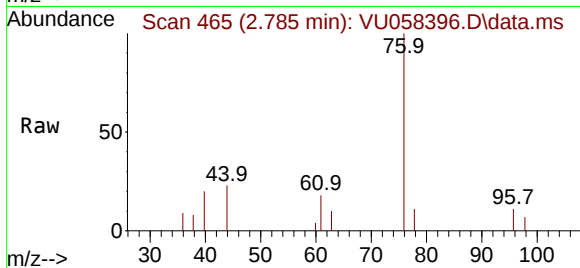
COAK0

Tgt Ion: 76 Resp: 5776

Ion Ratio Lower Upper

76 100

78 11.2 7.5 11.3



#19

1,1-Dichloroethane

Concen: 89.507 ug/L

RT: 3.856 min Scan# 798

Delta R.T. -0.000 min

Lab File: VU058396.D

Acq: 05 Apr 2024 03:29

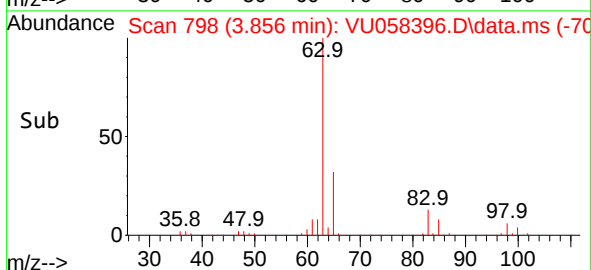
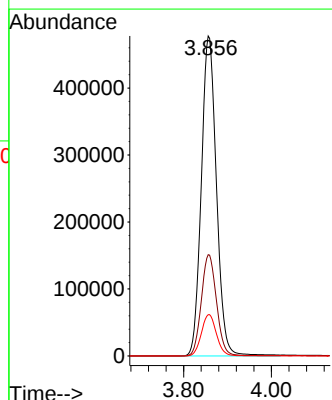
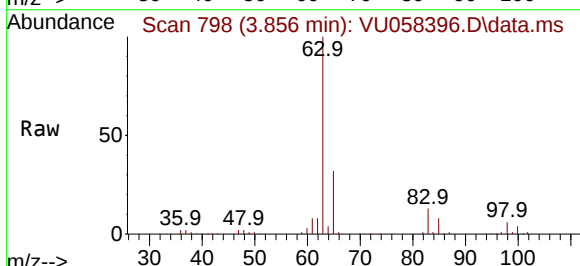
Tgt Ion: 63 Resp: 1144219

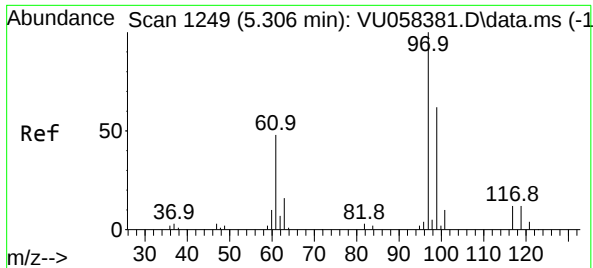
Ion Ratio Lower Upper

63 100

65 31.6 22.9 42.5

83 12.9 9.6 17.8

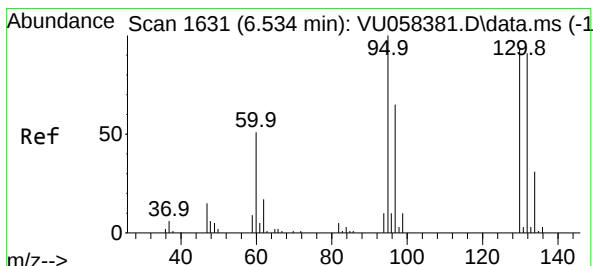
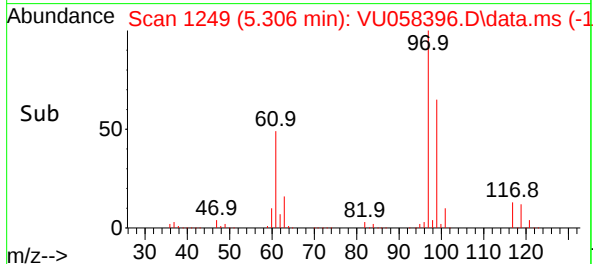
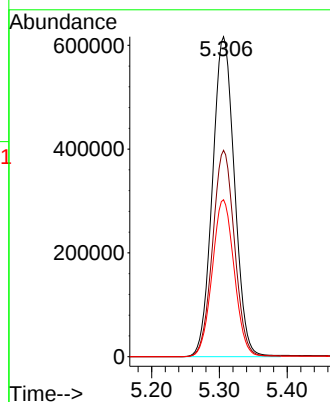
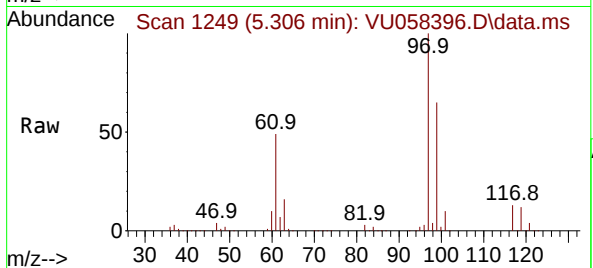




#29
1,1,1-Trichloroethane
Concen: 138.183 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

Instrument :
MSVOA_U
ClientSampleId :
C0AK0

Tgt Ion: 97 Resp: 1390834
Ion Ratio Lower Upper
97 100
99 64.3 50.4 75.6
61 49.2 39.4 59.0



#34
Trichloroethene
Concen: 1.076 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

Tgt Ion: 95 Resp: 7381
Ion Ratio Lower Upper
95 100
97 61.5 45.6 84.6
132 84.1 64.8 120.3
130 96.2 68.0 126.2

