

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056295.D
 Acq On : 14 Nov 2023 09:48
 Operator : MD/SY
 Sample : 05371-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDN7

Quant Time: Nov 15 00:38:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

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

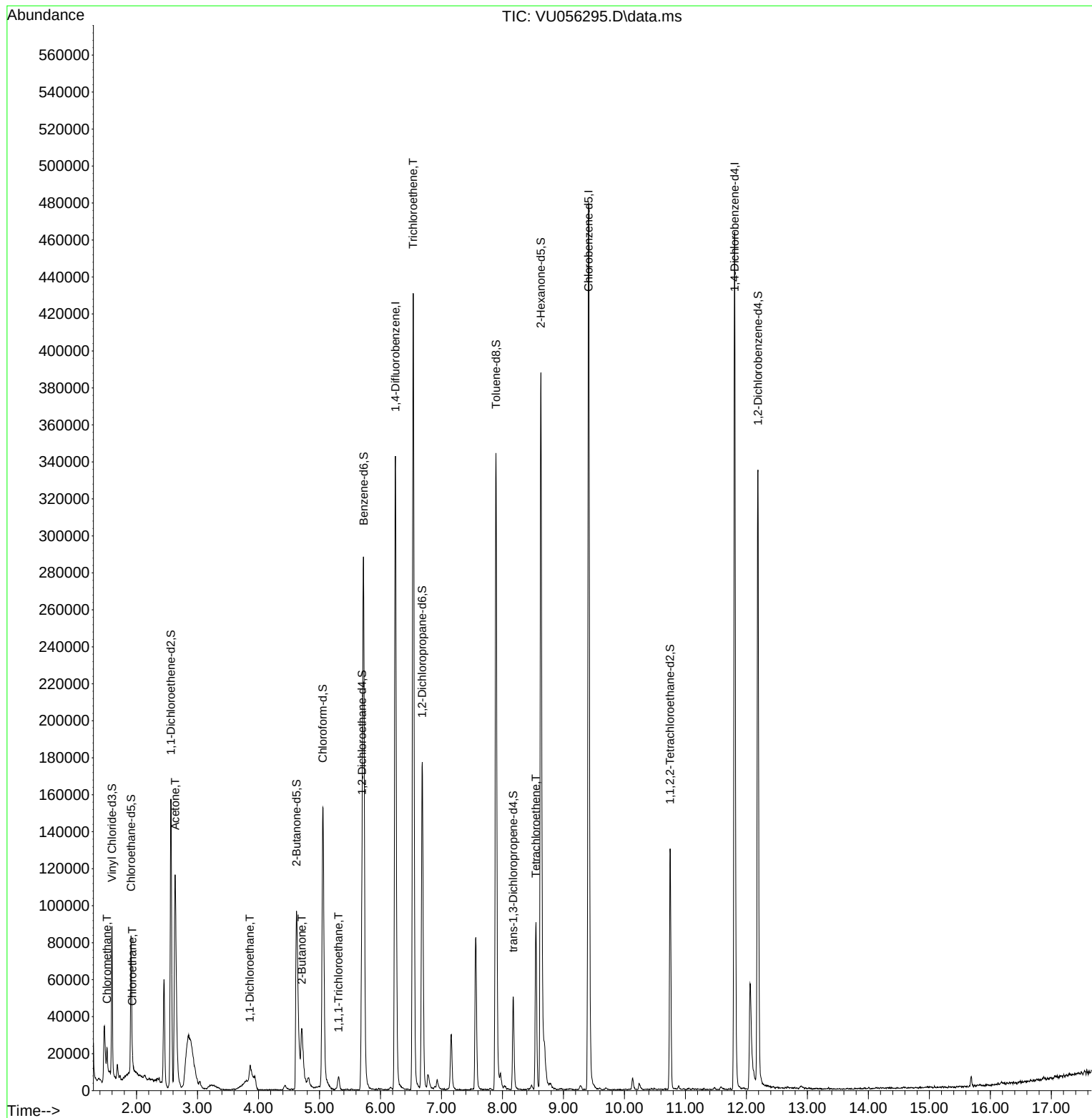
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	280815	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	280461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	57467	2.736	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.800%
7) Chloroethane-d5	1.911	69	52866	3.283	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.600%
11) 1,1-Dichloroethene-d2	2.563	65	30006	3.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.624	46	162971	38.912	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.820%
24) Chloroform-d	5.055	84	143130	3.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.400%
26) 1,2-Dichloroethane-d4	5.698	65	70640	3.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
32) Benzene-d6	5.724	84	276757	3.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.200%#
36) 1,2-Dichloropropane-d6	6.685	67	87595	3.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.600%
41) Toluene-d8	7.894	98	236448	3.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.000%#
43) trans-1,3-Dichloroprop...	8.177	79	30761	3.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.600%
46) 2-Hexanone-d5	8.631	63	136965	36.085	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	67234	3.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	85135	3.705	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.200%#
Target Compounds						Qvalue
3) Chloromethane	1.518	50	8048	0.354	ug/L	100
8) Chloroethane	1.933	64	5068	0.379	ug/L #	80
13) Acetone	2.634	43	174725	48.982	ug/L	99
19) 1,1-Dichloroethane	3.859	63	9762	0.279	ug/L	98
21) 2-Butanone	4.711	43	50447	10.899	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	5458	0.170	ug/L #	82
34) Trichloroethene	6.537	95	155255	7.121	ug/L	98
47) Tetrachloroethene	8.550	164	18429	1.253	ug/L	94

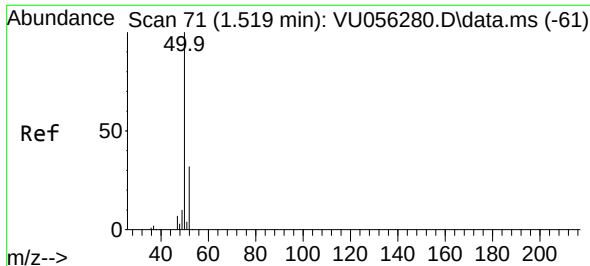
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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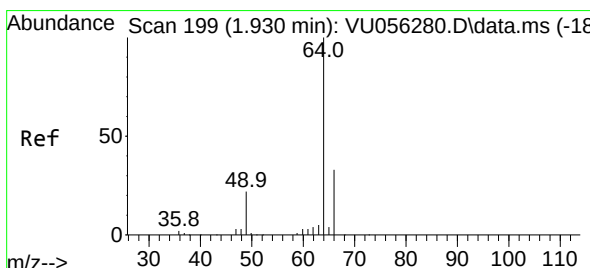
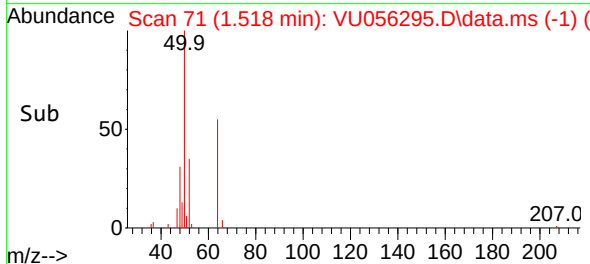
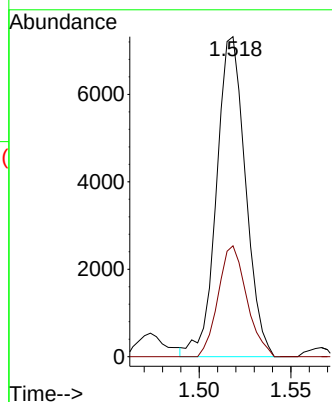
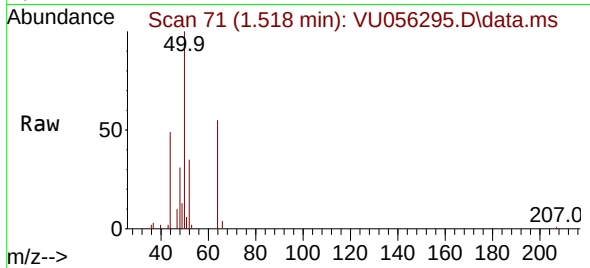




#3
Chloromethane
Concen: 0.354 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

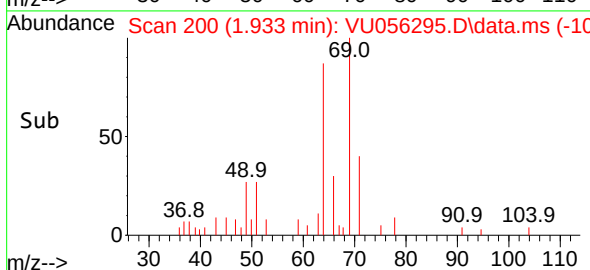
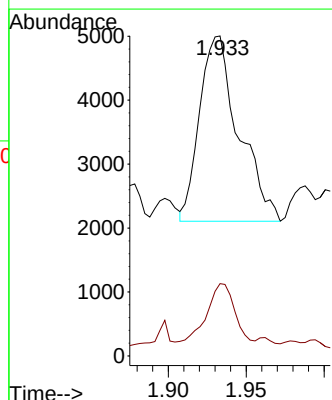
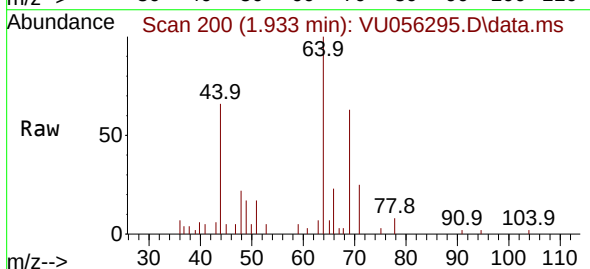
Instrument :
MSVOA_U
ClientSampleId :
GCDN7

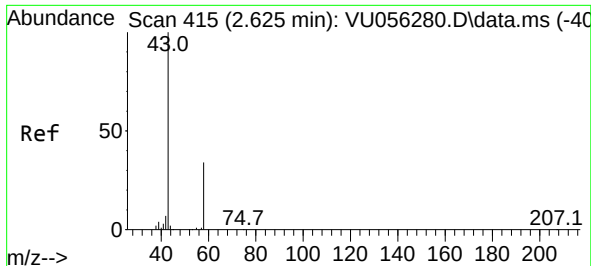
Tgt Ion: 50 Resp: 8048
Ion Ratio Lower Upper
50 100
52 34.7 24.3 45.1



#8
Chloroethane
Concen: 0.379 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

Tgt Ion: 64 Resp: 5068
Ion Ratio Lower Upper
64 100
66 22.6 23.9 44.5#





#13

Acetone

Concen: 48.982 ug/L

RT: 2.634 min Scan# 415

Delta R.T. 0.010 min

Lab File: VU056295.D

Acq: 14 Nov 2023 09:48

Instrument :

MSVOA_U

ClientSampleId :

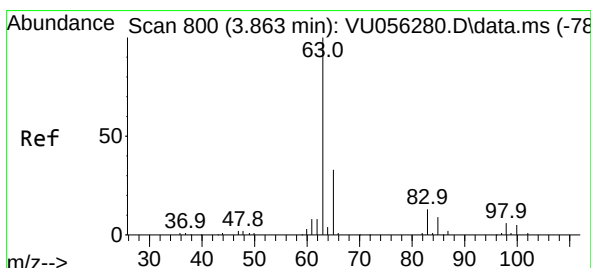
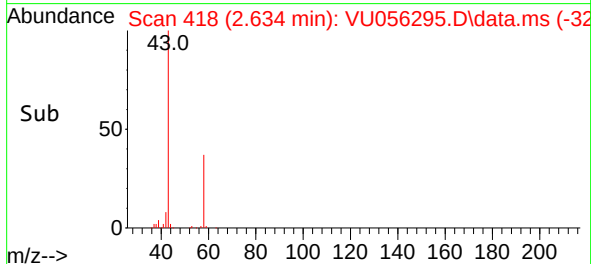
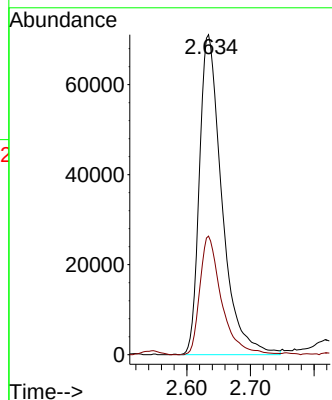
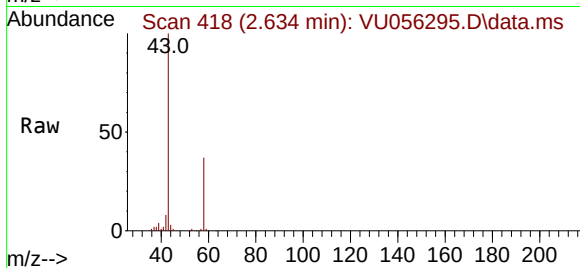
GCDN7

Tgt Ion: 43 Resp: 174725

Ion Ratio Lower Upper

43 100

58 35.6 0.0 70.0



#19

1,1-Dichloroethane

Concen: 0.279 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU056295.D

Acq: 14 Nov 2023 09:48

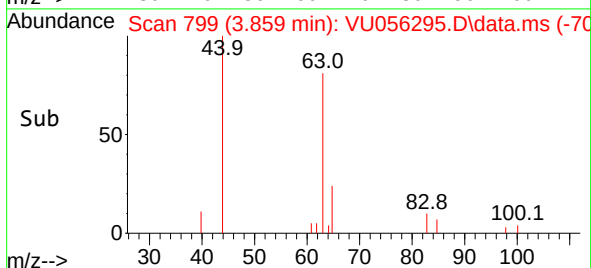
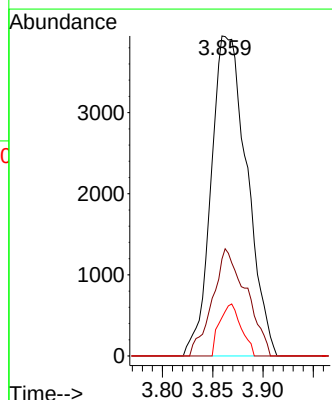
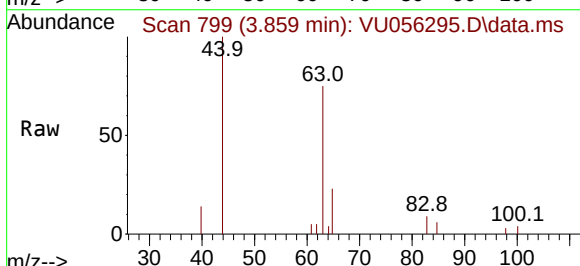
Tgt Ion: 63 Resp: 9762

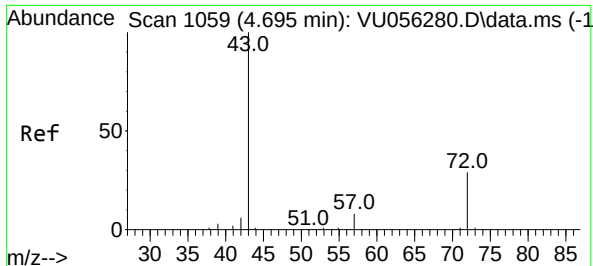
Ion Ratio Lower Upper

63 100

65 30.3 21.8 40.6

83 12.0 9.7 17.9

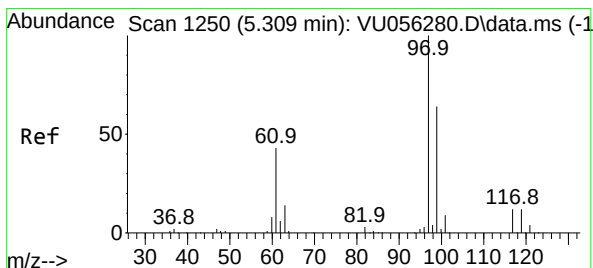
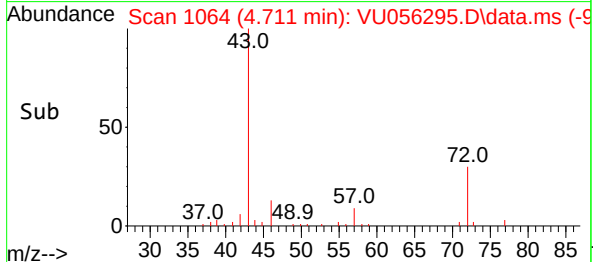
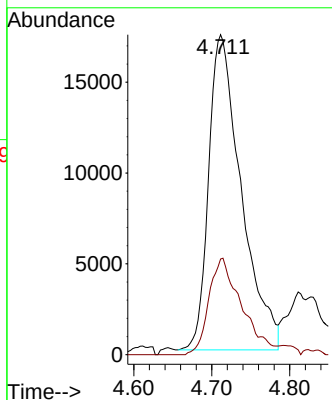
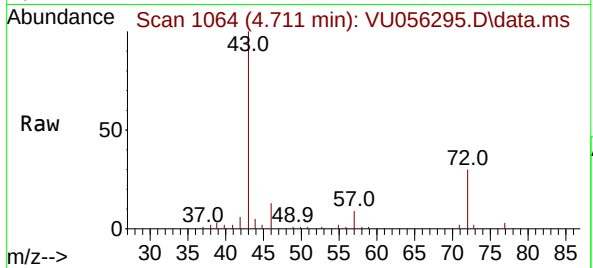




#21
2-Butanone
Concen: 10.899 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.016 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

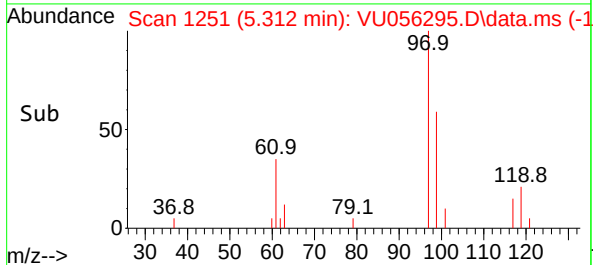
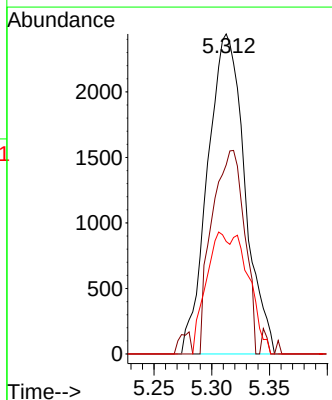
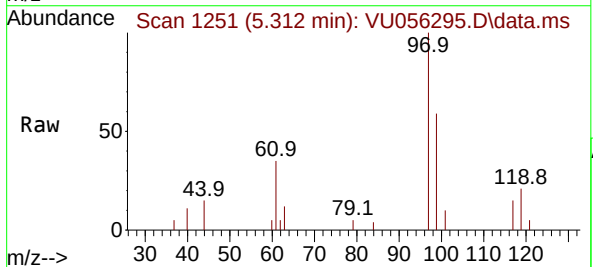
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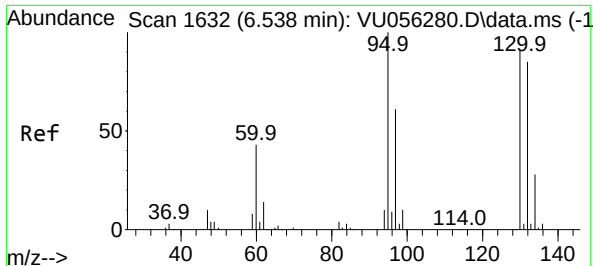
Tgt Ion: 43 Resp: 50447
Ion Ratio Lower Upper
43 100
72 30.7 14.2 42.6



#29
1,1,1-Trichloroethane
Concen: 0.170 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

Tgt Ion: 97 Resp: 5458
Ion Ratio Lower Upper
97 100
99 55.6 51.6 77.4
61 24.1 34.3 51.5#

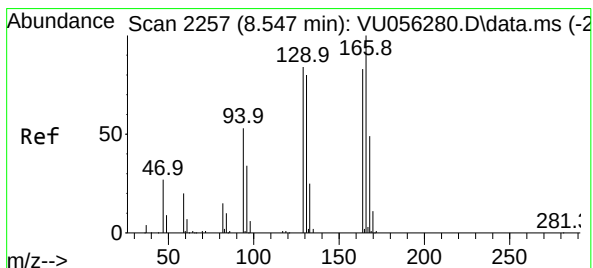
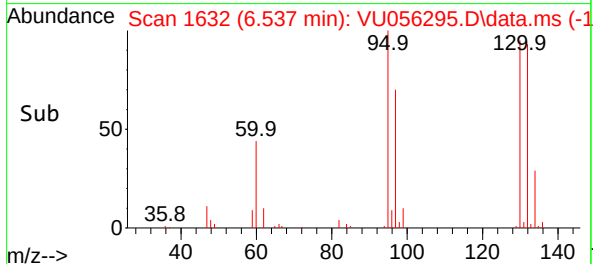
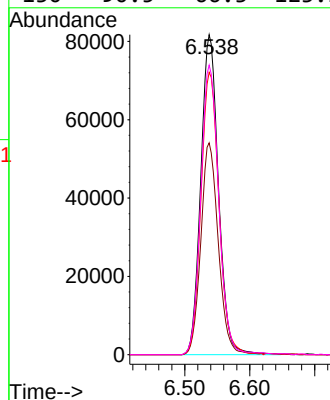
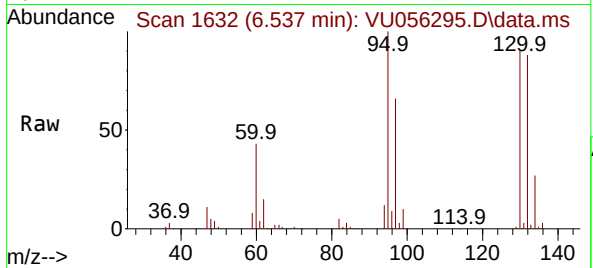




#34
Trichloroethene
Concen: 7.121 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

Instrument :
MSVOA_U
ClientSampleId :
GCDN7

Tgt Ion: 95 Resp: 155255
Ion Ratio Lower Upper
95 100
97 66.2 46.5 86.3
132 88.3 62.0 115.2
130 90.5 66.3 123.1



#47
Tetrachloroethene
Concen: 1.253 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

Tgt Ion:164 Resp: 18429
Ion Ratio Lower Upper
164 100
129 107.5 71.0 131.9
131 108.8 70.3 130.7
166 122.3 89.8 166.8

