

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055245.D
 Acq On : 12 Sep 2023 14:02
 Operator : MD/SY
 Sample : 04307-21DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 01:46:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

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

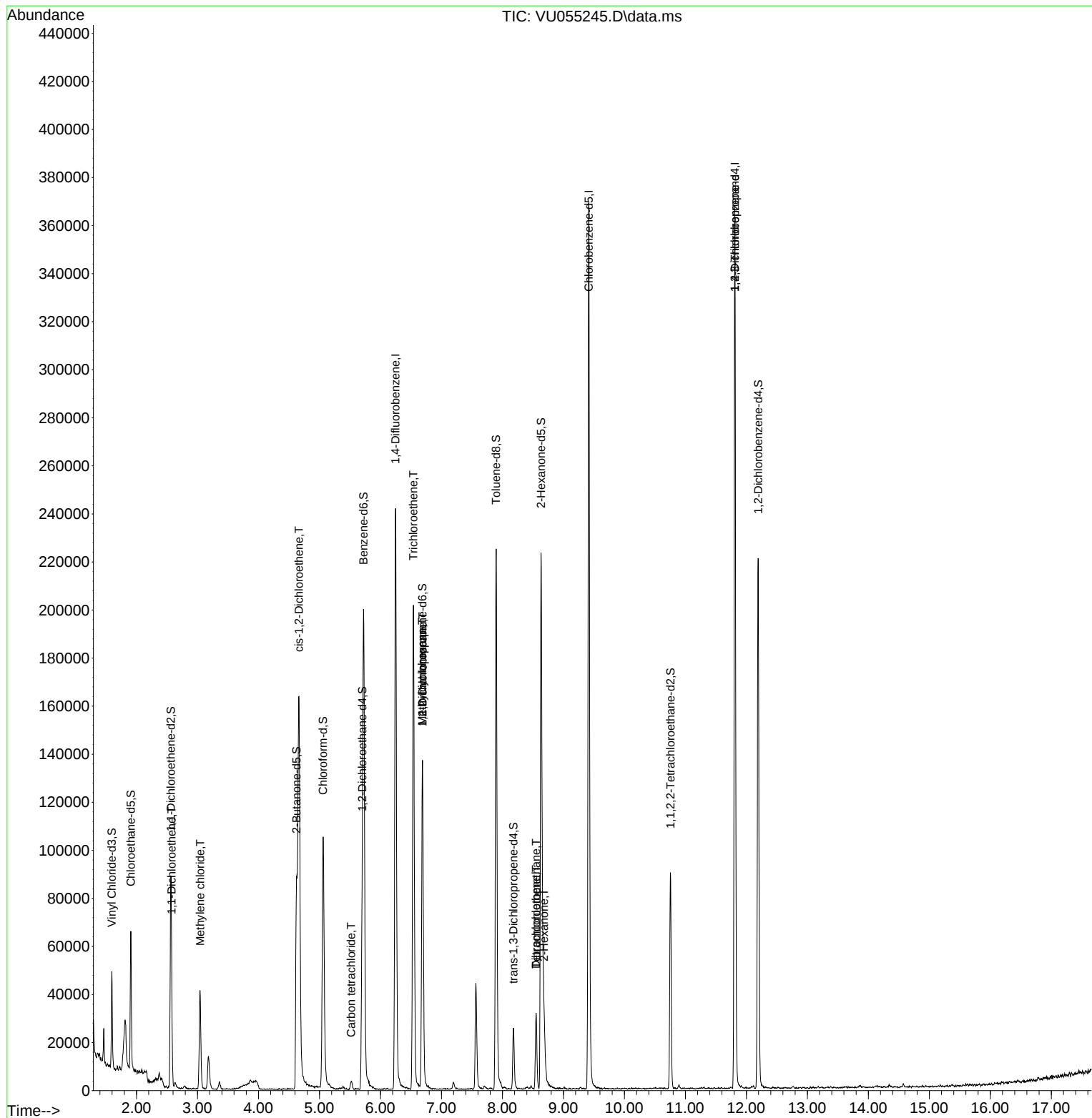
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	199563	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	205761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	97434	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27476	2.938	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.907	69	41029	3.790	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.563	65	15362	2.883	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	4.624	46	111781	41.184	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.360%
24) Chloroform-d	5.058	84	93008	3.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
26) 1,2-Dichloroethane-d4	5.702	65	51084	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.724	84	185460	3.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
36) 1,2-Dichloropropane-d6	6.689	67	65478	4.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.898	98	157693	3.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
43) trans-1,3-Dichloroprop...	8.181	79	14868	3.342	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.800%
46) 2-Hexanone-d5	8.634	63	68600	37.983	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.960%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	44739	3.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	58217	4.094	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	5312	0.576	ug/L #	1
16) Methylene chloride	3.042	84	18948	1.344	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	77902	6.799	ug/L	92
31) Carbon tetrachloride	5.518	117	2482	0.168	ug/L	84
34) Trichloroethene	6.541	95	67206	5.522	ug/L	98
35) Methylcyclohexane	6.685	83	15172	0.888	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	7717	0.647	ug/L #	88
47) Tetrachloroethene	8.553	164	6893	0.819	ug/L	91
48) 2-Hexanone	8.682	43	15730	2.953	ug/L #	77
49) Dibromochloromethane	8.553	129	7025	0.801	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	13103	2.027	ug/L #	71

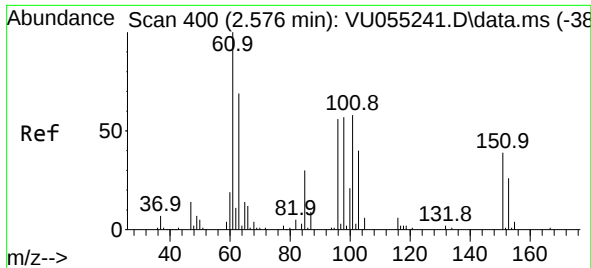
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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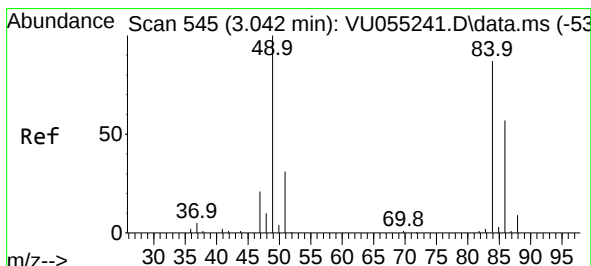
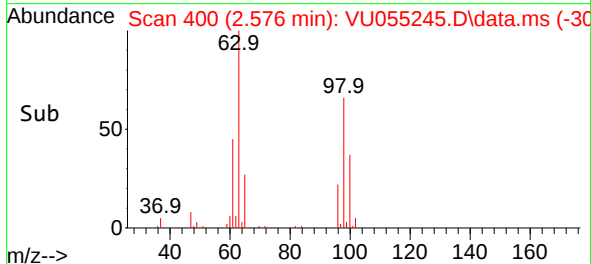
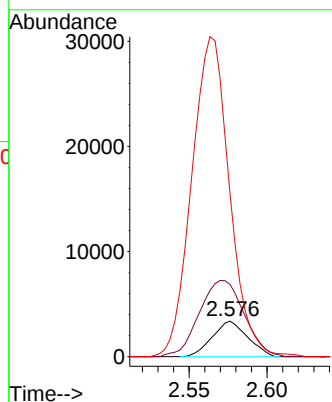
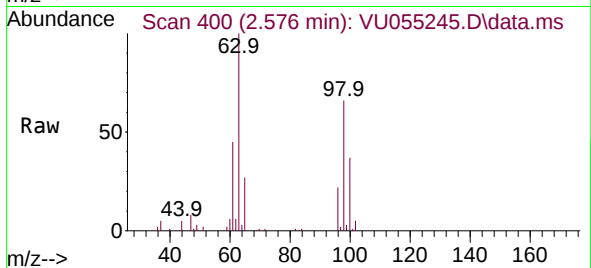




#12
1,1-Dichloroethene
Concen: 0.576 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055245.D
Acq: 12 Sep 2023 14:02

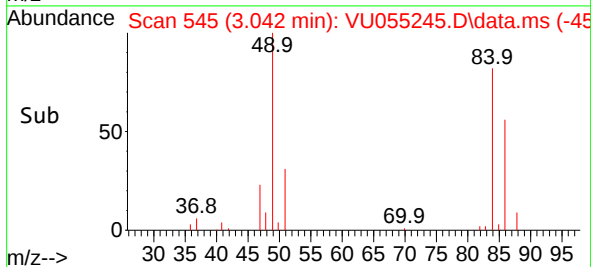
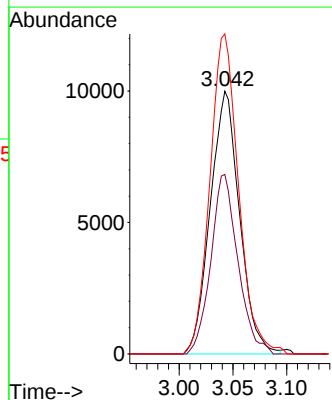
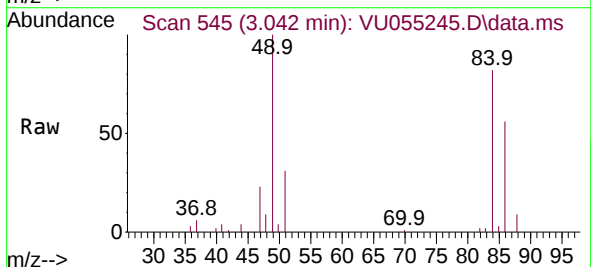
Instrument :
MSVOA_U
ClientSampleId :

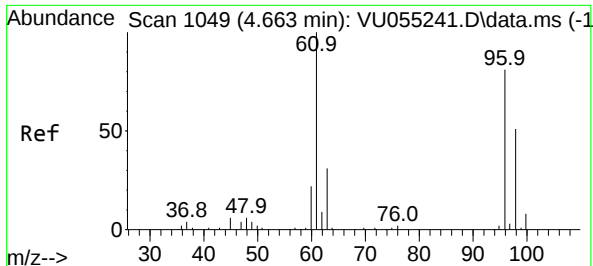
Tgt Ion: 96 Resp: 5312
Ion Ratio Lower Upper
96 100
61 202.9 120.8 224.4
63 455.5 94.5 175.5#



#16
Methylene chloride
Concen: 1.344 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055245.D
Acq: 12 Sep 2023 14:02

Tgt Ion: 84 Resp: 18948
Ion Ratio Lower Upper
84 100
86 68.4 43.4 80.6
49 127.3 87.7 162.9





#22

cis-1,2-Dichloroethene

Concen: 6.799 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055245.D

Acq: 12 Sep 2023 14:02

Instrument :

MSVOA_U

ClientSampleId :

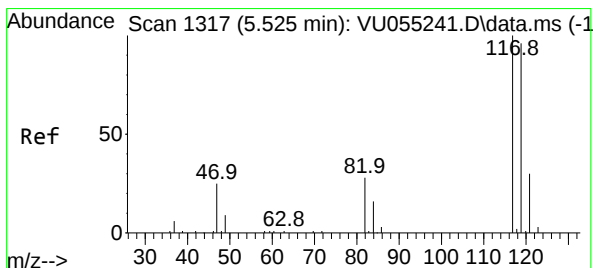
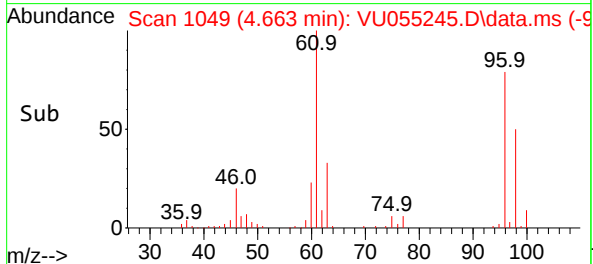
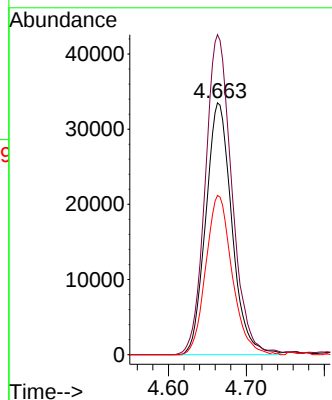
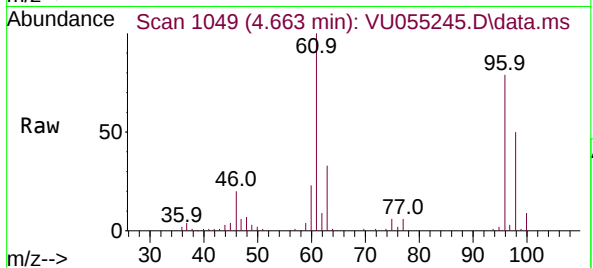
Tgt Ion: 96 Resp: 77902

Ion Ratio Lower Upper

96 100

61 127.1 97.2 180.4

98 63.2 46.1 85.7



#31

Carbon tetrachloride

Concen: 0.168 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VU055245.D

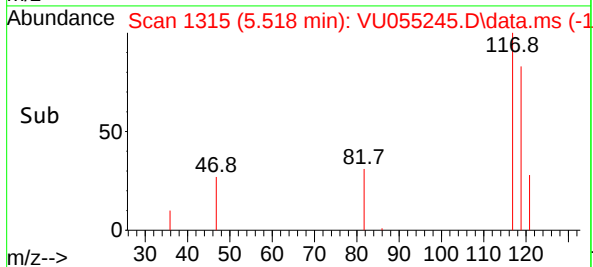
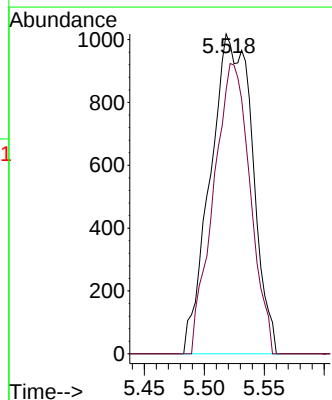
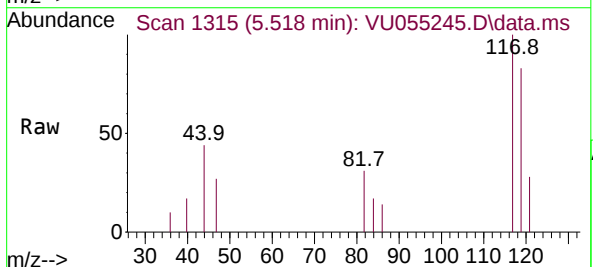
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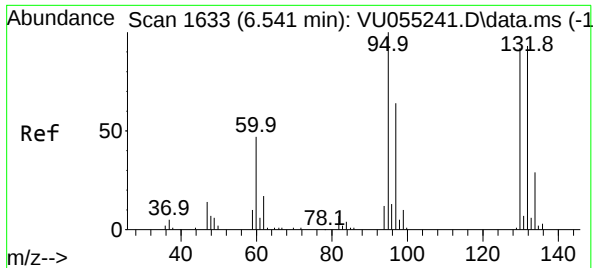
Tgt Ion: 117 Resp: 2482

Ion Ratio Lower Upper

117 100

119 78.8 75.4 113.0

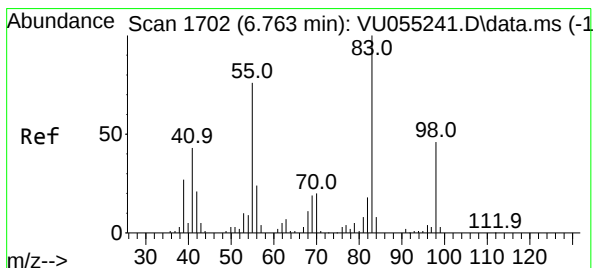
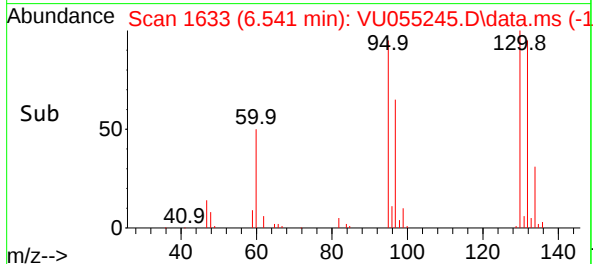
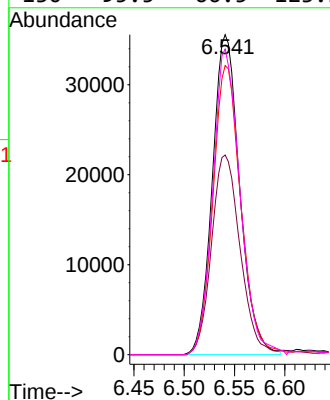
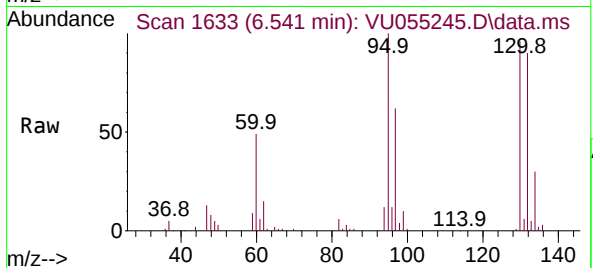




#34
Trichloroethene
Concen: 5.522 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055245.D
Acq: 12 Sep 2023 14:02

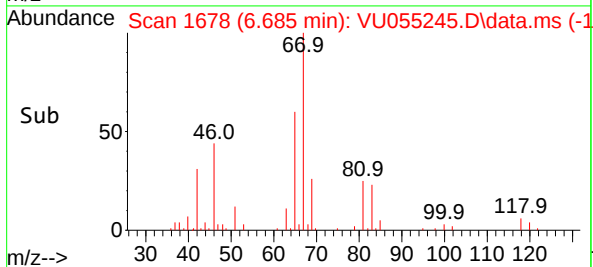
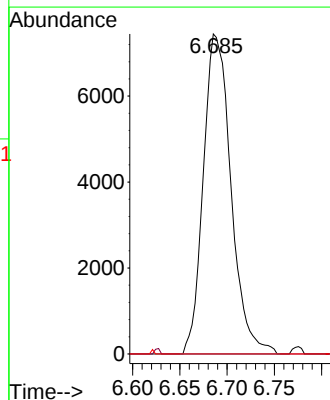
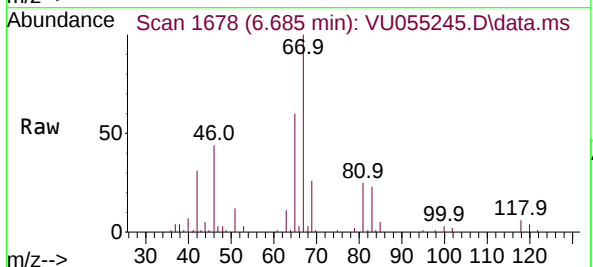
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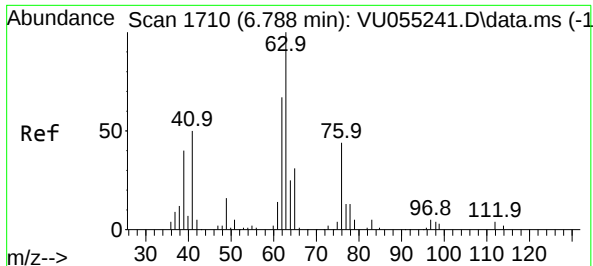
Tgt Ion: 95 Resp: 67206
Ion Ratio Lower Upper
95 100
97 62.4 44.7 83.1
132 90.4 66.6 123.6
130 95.5 66.5 123.5



#35
Methylcyclohexane
Concen: 0.888 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.077 min
Lab File: VU055245.D
Acq: 12 Sep 2023 14:02

Tgt Ion: 83 Resp: 15172
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 0.0 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.647 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU055245.D

Acq: 12 Sep 2023 14:02

Instrument :

MSVOA_U

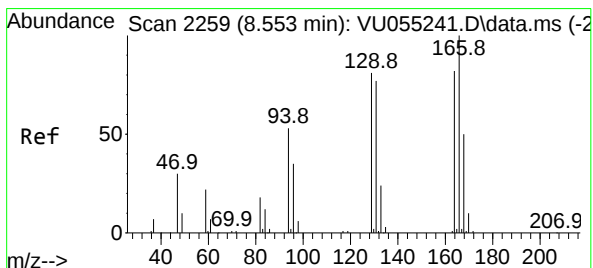
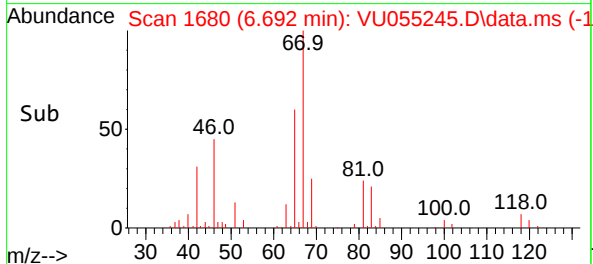
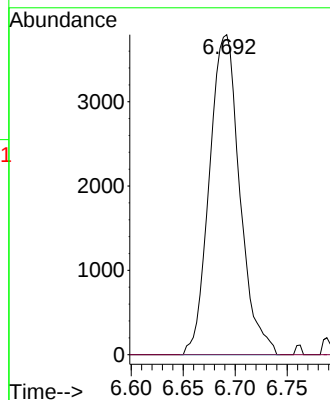
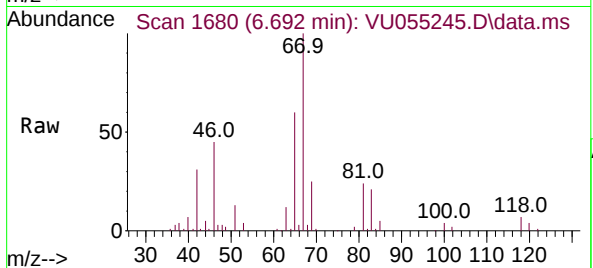
ClientSampleId :

Tgt Ion: 63 Resp: 7717

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.819 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.000 min

Lab File: VU055245.D

Acq: 12 Sep 2023 14:02

Tgt Ion: 164 Resp: 6893

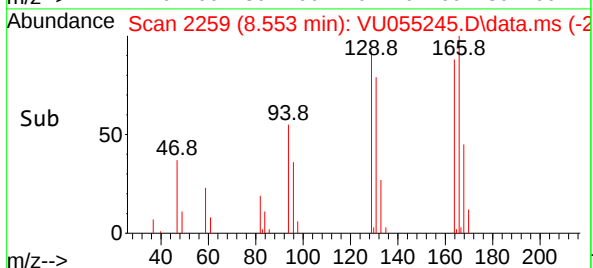
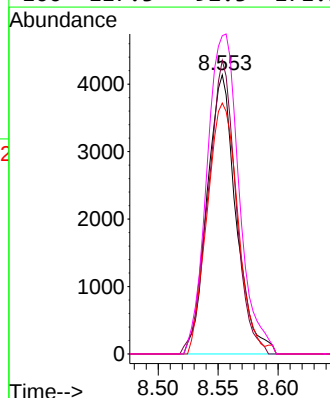
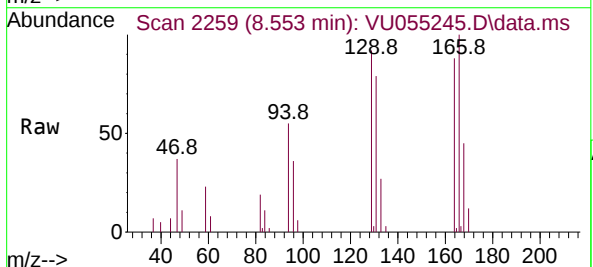
Ion Ratio Lower Upper

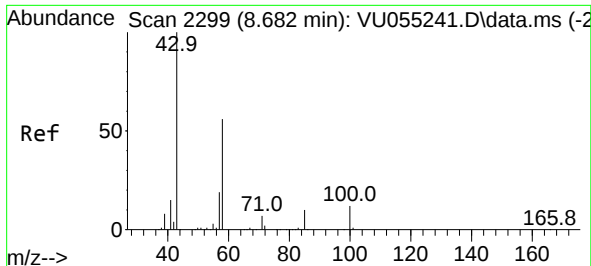
164 100

129 105.2 69.2 128.6

131 89.9 68.8 127.8

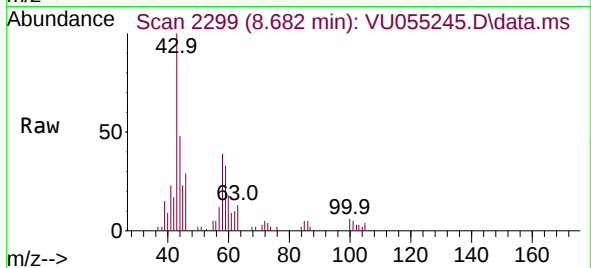
166 117.3 92.3 171.5



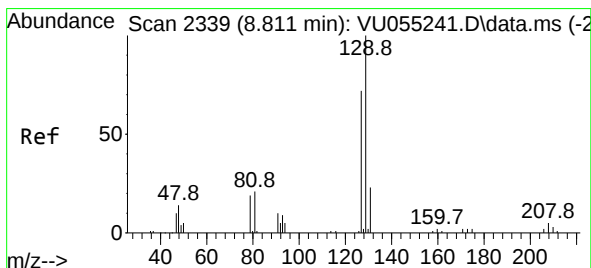
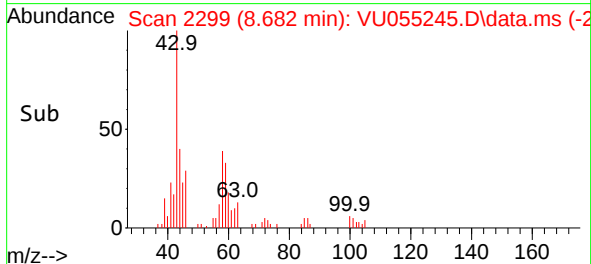
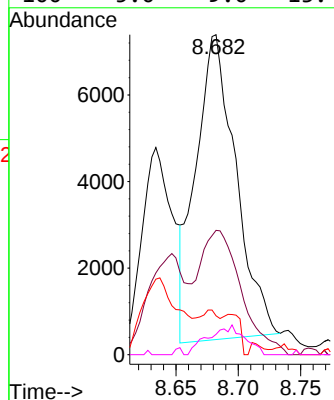


#48
2-Hexanone
Concen: 2.953 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055245.D
Acq: 12 Sep 2023 14:02

Instrument :
MSVOA_U
ClientSampleId :

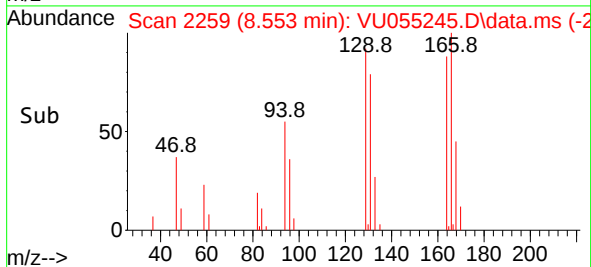
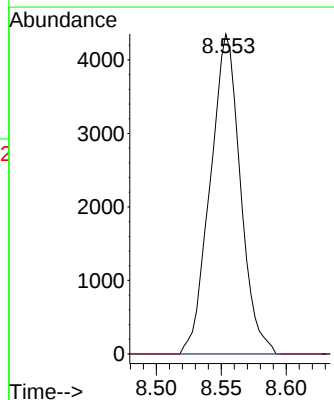
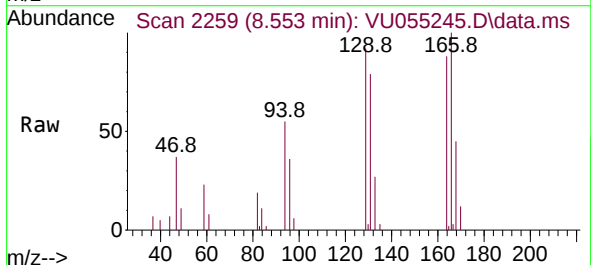


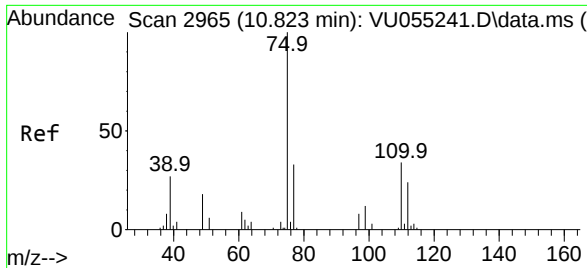
Tgt Ion: 43 Resp: 15730
Ion Ratio Lower Upper
43 100
58 41.8 44.0 66.0#
57 1.5 16.2 24.2#
100 5.0 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.801 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.257 min
Lab File: VU055245.D
Acq: 12 Sep 2023 14:02

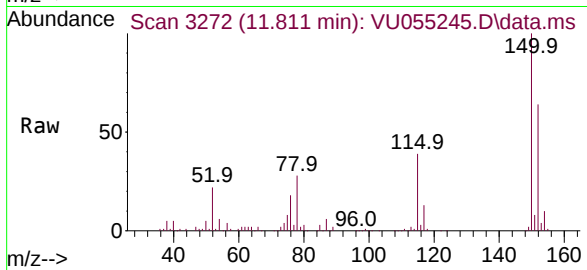
Tgt Ion: 129 Resp: 7025
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 2.027 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055245.D
 Acq: 12 Sep 2023 14:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.8	28.2	42.2#
77	34.2	26.2	39.4

