

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062626.D
 Acq On : 27 Dec 2024 18:35
 Operator : MD/SY
 Sample : P5344-13DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 22:02:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 21:56:24 2024
 Response via : Initial Calibration

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

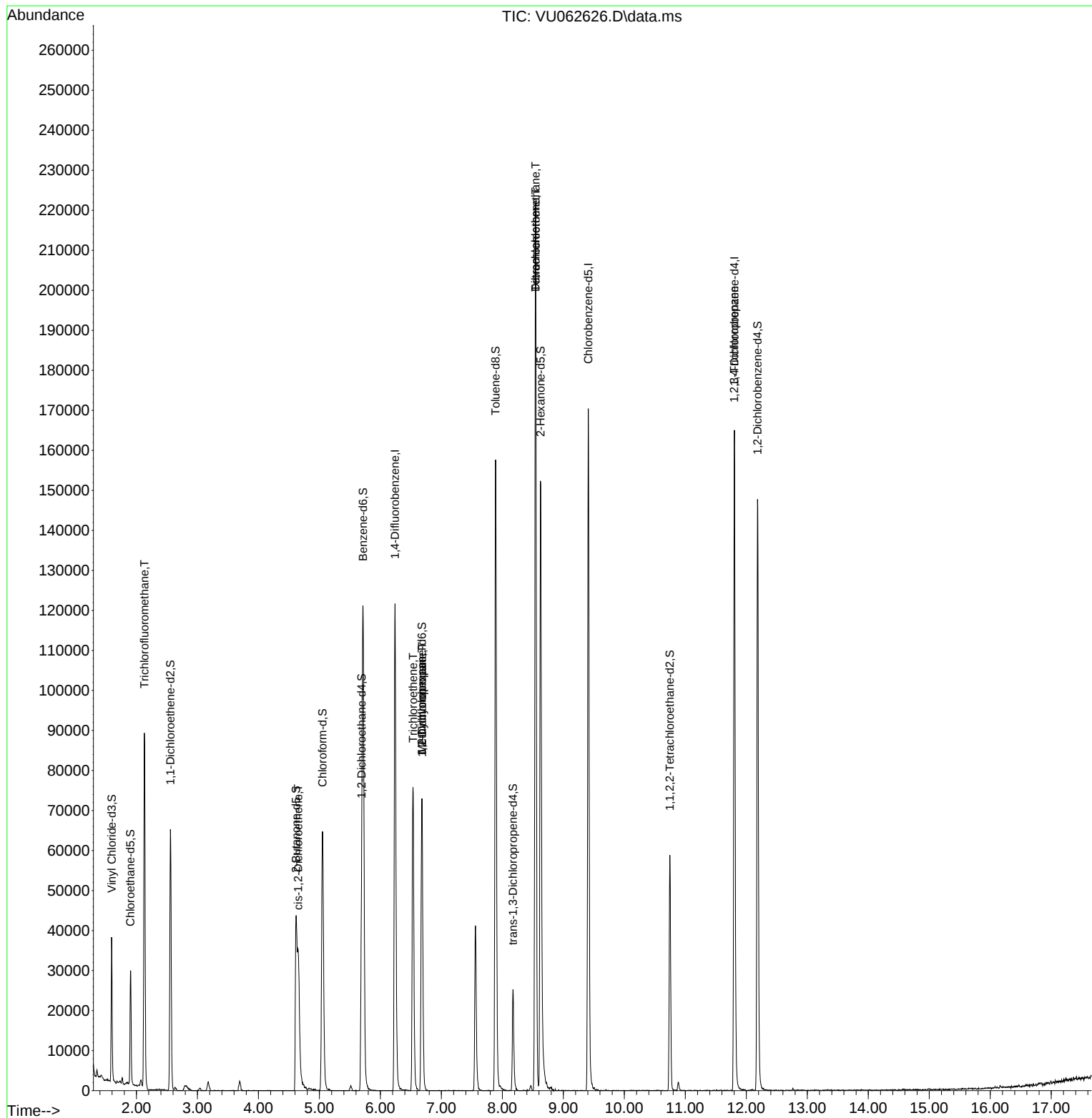
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	101489	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94233	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24498	3.579	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.901	69	20528	4.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.557	65	12585	3.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.615	46	60823	46.361	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	5.049	84	65389	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.692	65	37471	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.714	84	114523	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.679	67	32641	4.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.888	98	109845	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.174	79	15962	4.670	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.624	63	56032	54.336	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27650	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	41850	4.912	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.129	101	58245	4.325	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	13665	1.732	ug/L	86
34) Trichloroethene	6.534	95	26863	3.247	ug/L	95
35) Methylcyclohexane	6.679	83	9269	0.756	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	4515	0.635	ug/L #	87
47) Tetrachloroethene	8.544	164	48923	7.660	ug/L	96
49) Dibromochloromethane	8.544	129	48678	7.505	ug/L #	13
61) 1,2,3-Trichloropropane	11.801	75	4781	1.118	ug/L #	64

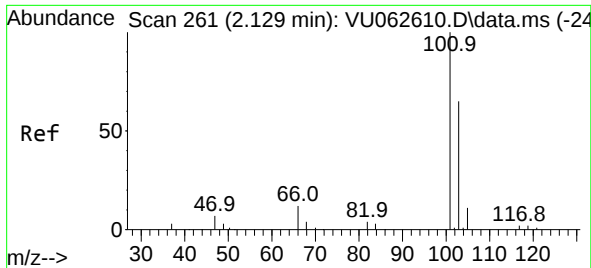
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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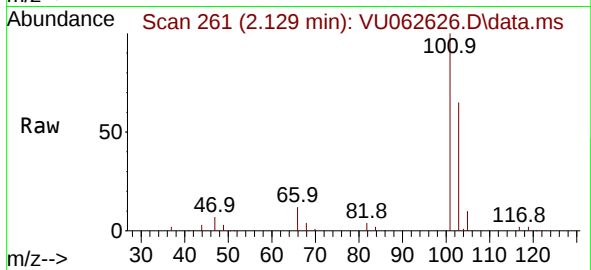
Quant Time: Dec 27 22:02:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
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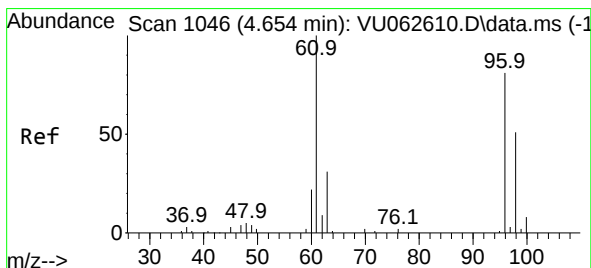
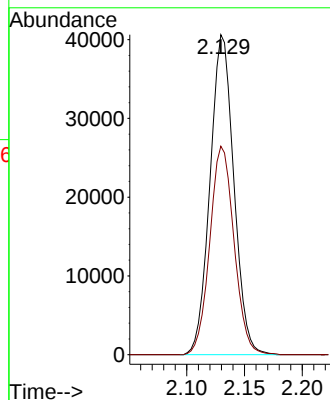
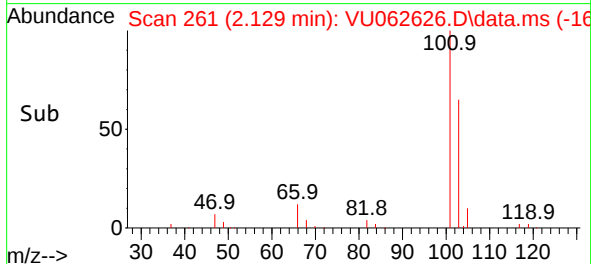


#9
 Trichlorofluoromethane
 Concen: 4.325 ug/L
 RT: 2.129 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU062626.D
 Acq: 27 Dec 2024 18:35

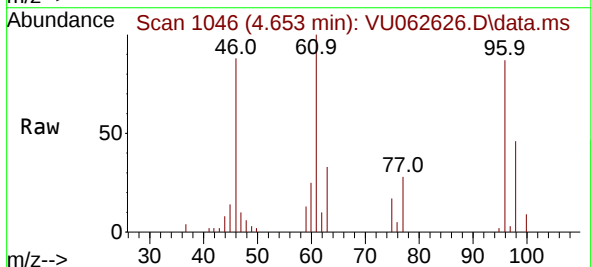
Instrument :
 MSVOA_U
 ClientSampleId :



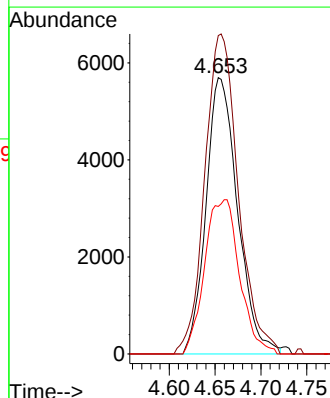
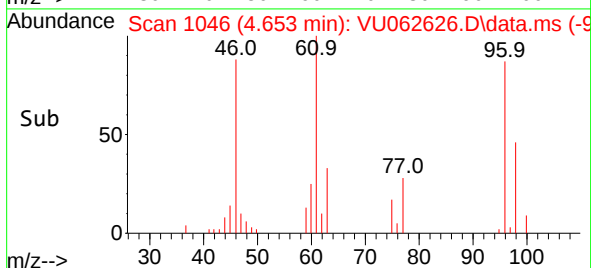
Tgt Ion:101 Resp: 58245
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.6 75.8

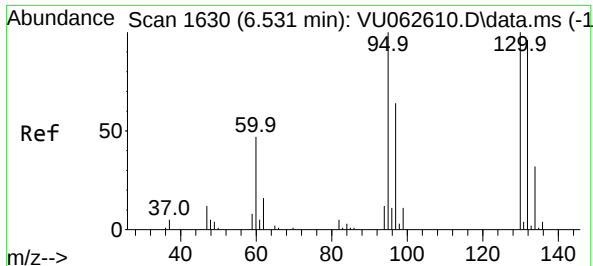


#22
 cis-1,2-Dichloroethene
 Concen: 1.732 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062626.D
 Acq: 27 Dec 2024 18:35



Tgt Ion: 96 Resp: 13665
 Ion Ratio Lower Upper
 96 100
 61 115.2 92.0 170.8
 98 53.4 44.5 82.7





#34

Trichloroethene

Concen: 3.247 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062626.D

Acq: 27 Dec 2024 18:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 26863

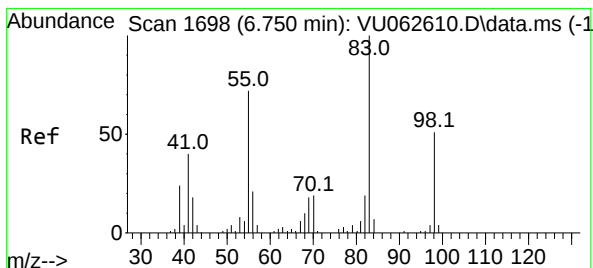
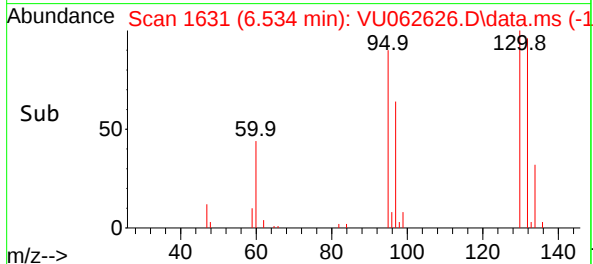
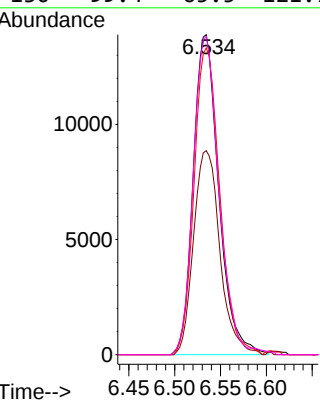
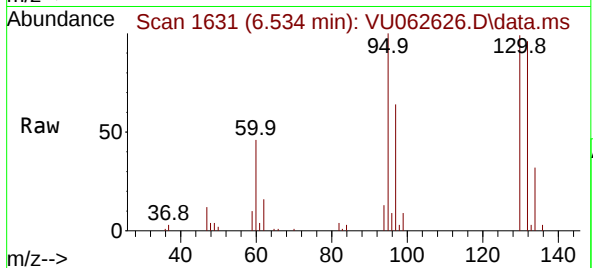
Ion Ratio Lower Upper

95 100

97 63.8 45.9 85.3

132 95.9 63.8 118.4

130 99.4 65.5 121.7



#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.071 min

Lab File: VU062626.D

Acq: 27 Dec 2024 18:35

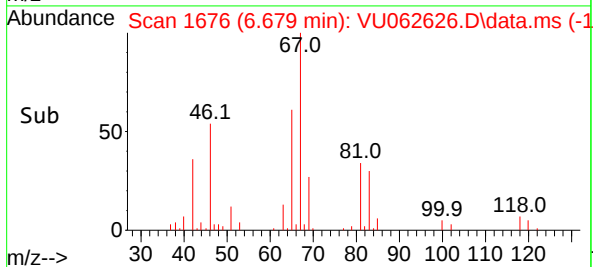
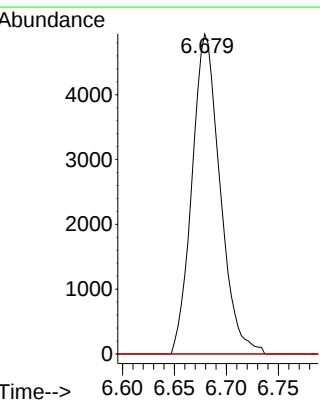
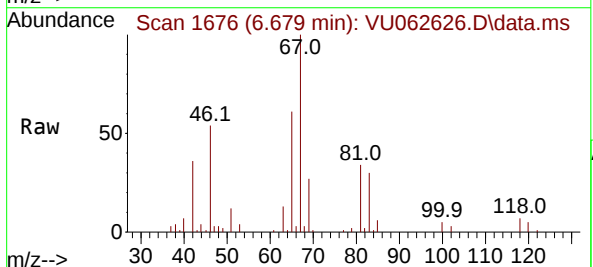
Tgt Ion: 83 Resp: 9269

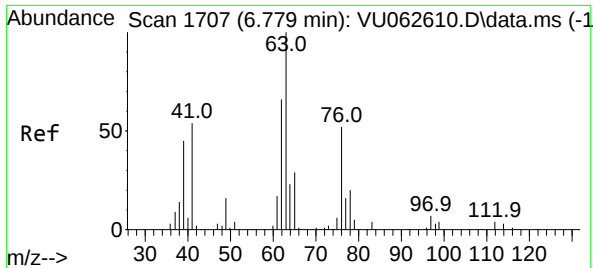
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 1.6 34.8 52.2#

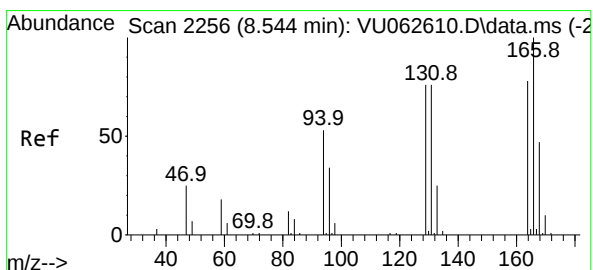
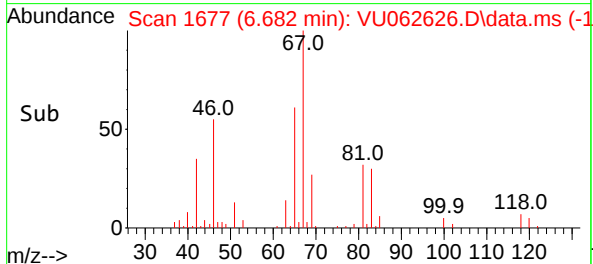
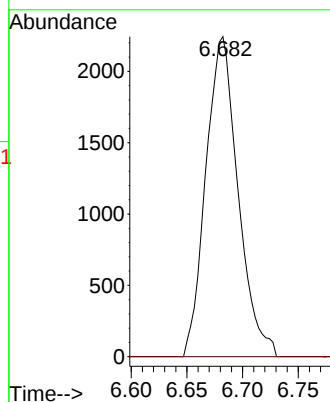
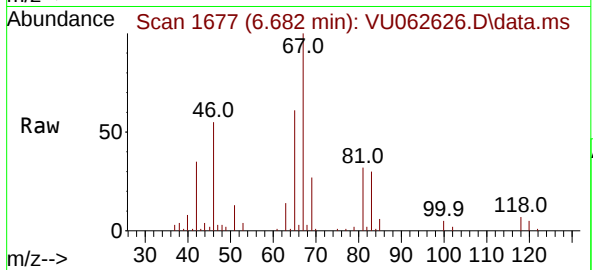




#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU062626.D
Acq: 27 Dec 2024 18:35

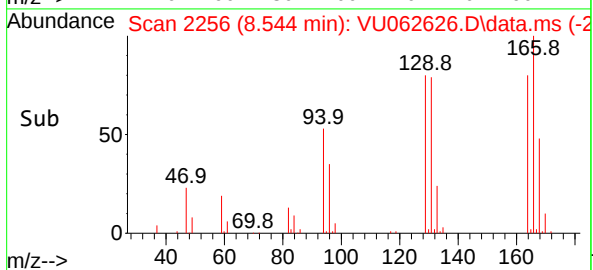
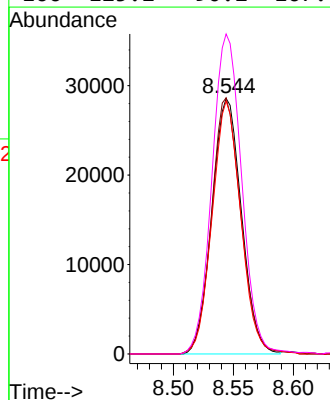
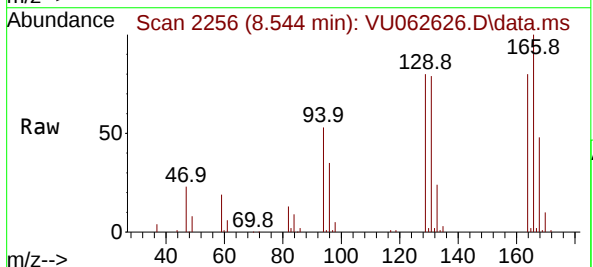
Instrument :
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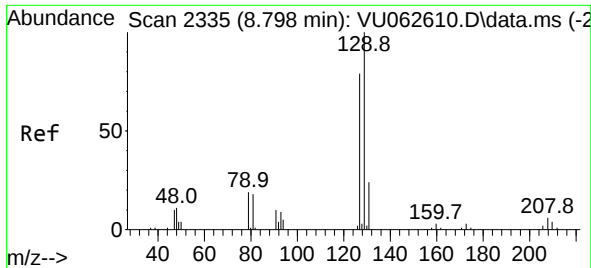
Tgt Ion: 63 Resp: 4515
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 7.660 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062626.D
Acq: 27 Dec 2024 18:35

Tgt Ion:164 Resp: 48923
Ion Ratio Lower Upper
164 100
129 100.3 73.2 136.0
131 99.0 72.3 134.3
166 125.2 90.2 167.4

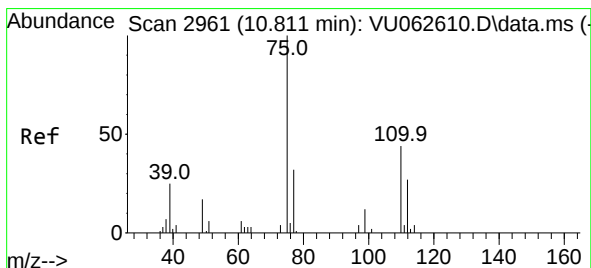
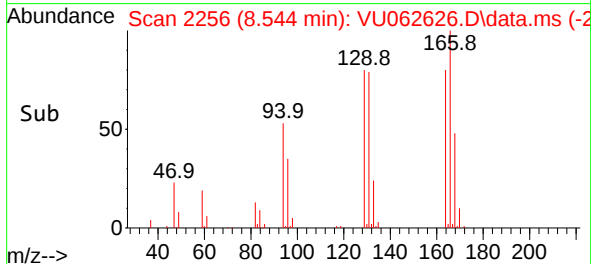
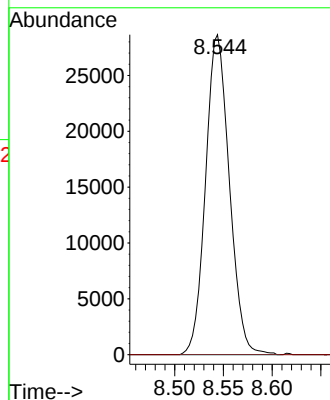
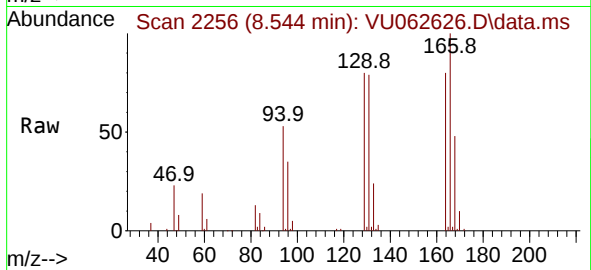




#49
Dibromochloromethane
Concen: 7.505 ug/L
RT: 8.544 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU062626.D
Acq: 27 Dec 2024 18:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 48678
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#



#61
1,2,3-Trichloropropane
Concen: 1.118 ug/L
RT: 11.801 min Scan# 3269
Delta R.T. 0.990 min
Lab File: VU062626.D
Acq: 27 Dec 2024 18:35

Tgt Ion: 75 Resp: 4781
Ion Ratio Lower Upper
75 100
110 0.0 28.9 43.3#
77 38.3 26.5 39.7

