

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062627.D
 Acq On : 27 Dec 2024 18:59
 Operator : MD/SY
 Sample : P5344-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 22:03:13 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)

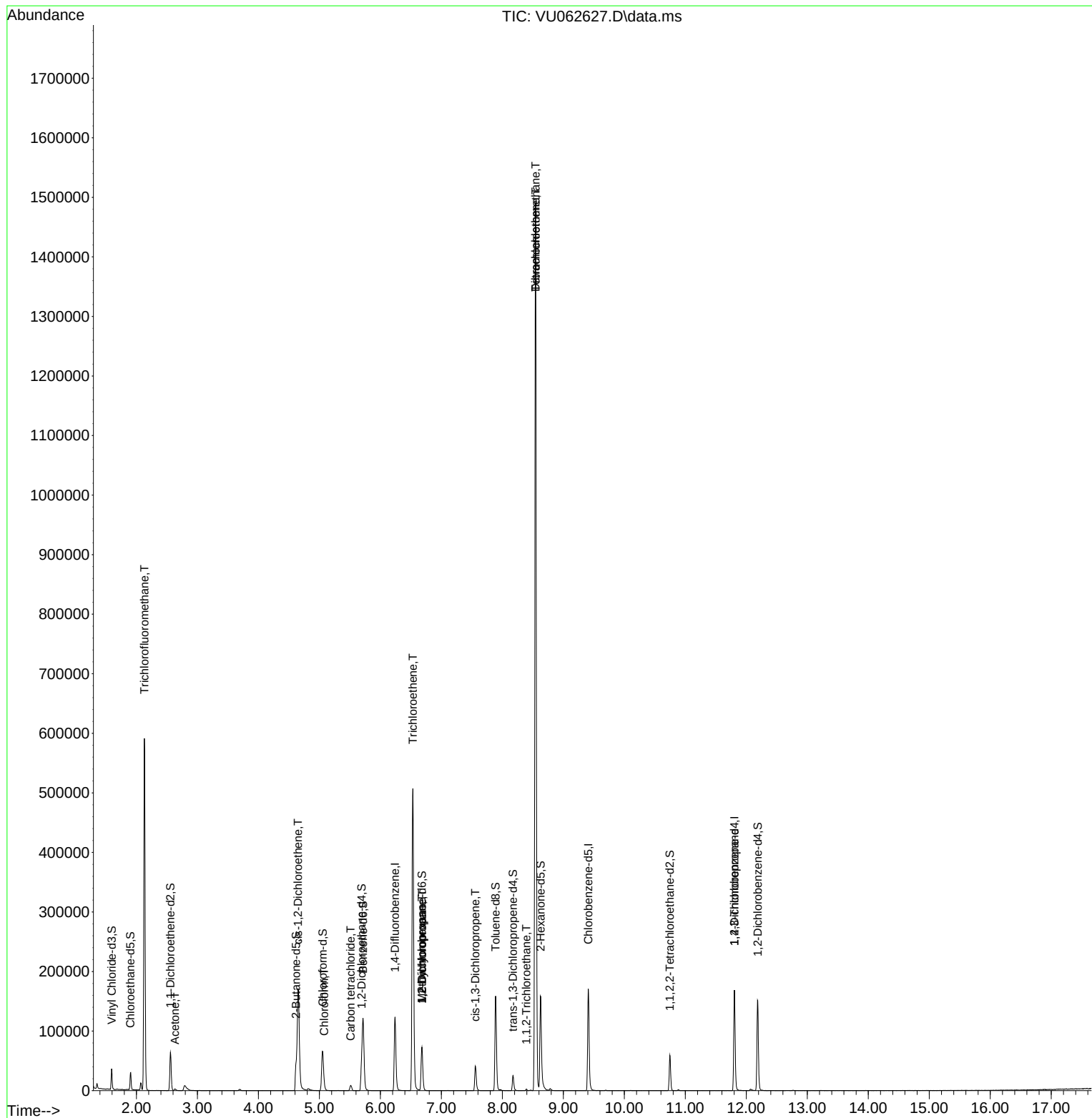
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	102453	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23543	3.407	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.901	69	19772	4.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.557	65	12135	3.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.615	46	62172	46.944	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.880%
24) Chloroform-d	5.052	84	64145	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.692	65	37716	5.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.714	84	114399	4.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.679	67	32834	4.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.888	98	109349	4.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.174	79	16126	4.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.624	63	57553	54.161	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28121	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	42581	4.815	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.129	101	393610	28.955	ug/L	98
13) Acetone	2.631	43	4151	4.603	ug/L	98
22) cis-1,2-Dichloroethene	4.650	96	90414	11.349	ug/L	96
25) Chloroform	5.078	83	3550	0.242	ug/L	98
31) Carbon tetrachloride	5.512	117	6339	0.506	ug/L	94
34) Trichloroethene	6.531	95	179257	21.029	ug/L	98
35) Methylcyclohexane	6.679	83	8572	0.678	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	4197	0.573	ug/L #	87
39) cis-1,3-Dichloropropene	7.557	75	1535	0.131	ug/L	86
45) 1,1,2-Trichloroethane	8.393	97	1035	0.187	ug/L	92
47) Tetrachloroethene	8.544	164	319947	48.613	ug/L	95
49) Dibromochloromethane	8.544	129	315458	47.196	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	4379	0.987	ug/L #	59

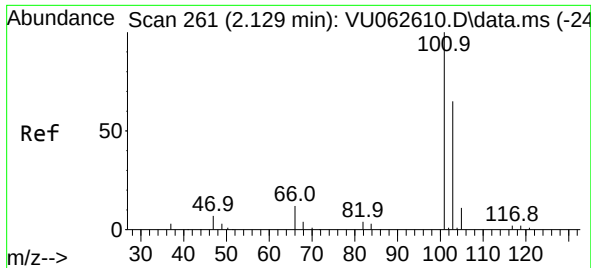
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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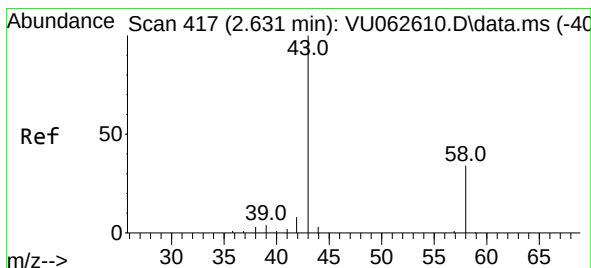
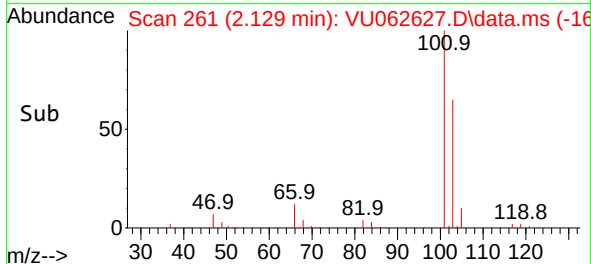
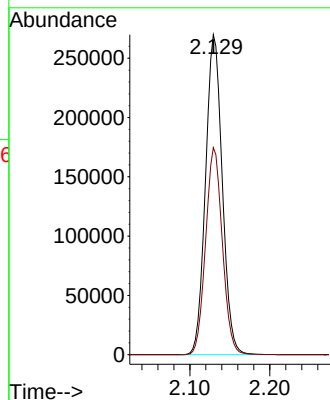
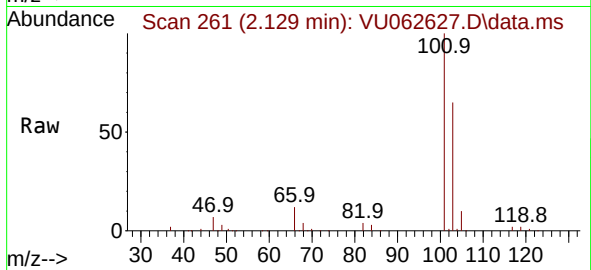




#9
 Trichlorofluoromethane
 Concen: 28.955 ug/L
 RT: 2.129 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU062627.D
 Acq: 27 Dec 2024 18:59

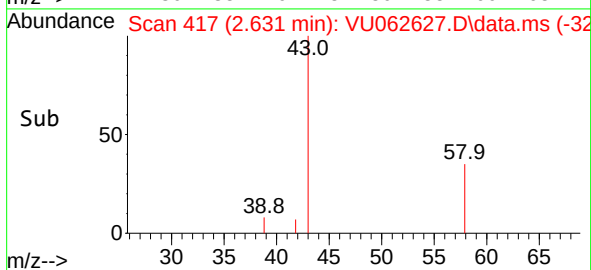
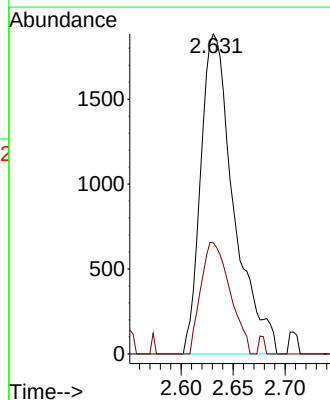
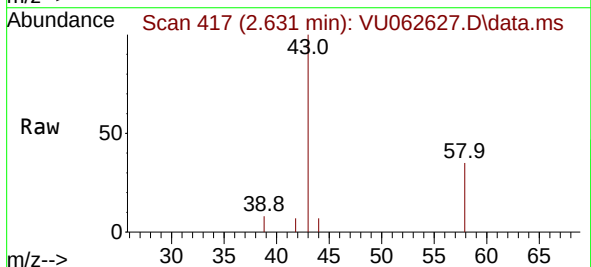
Instrument :
 MSVOA_U
 ClientSampleId :

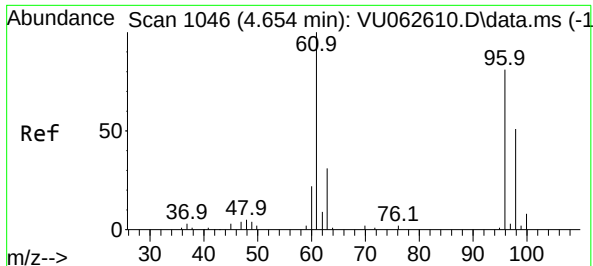
Tgt Ion:101 Resp: 393610
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 75.8



#13
 Acetone
 Concen: 4.603 ug/L
 RT: 2.631 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VU062627.D
 Acq: 27 Dec 2024 18:59

Tgt Ion: 43 Resp: 4151
 Ion Ratio Lower Upper
 43 100
 58 30.7 0.0 64.0

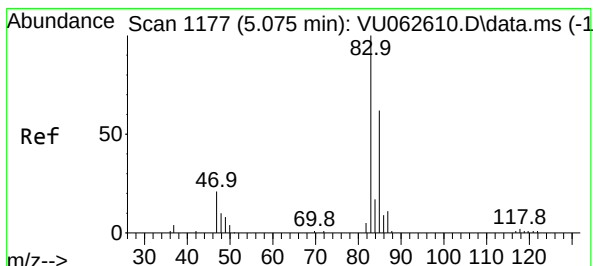
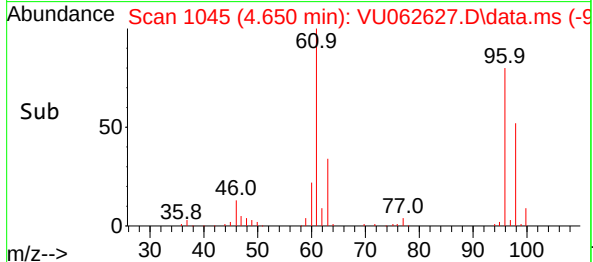
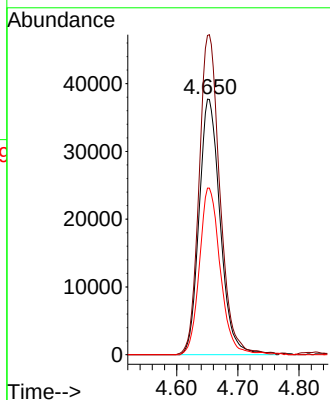
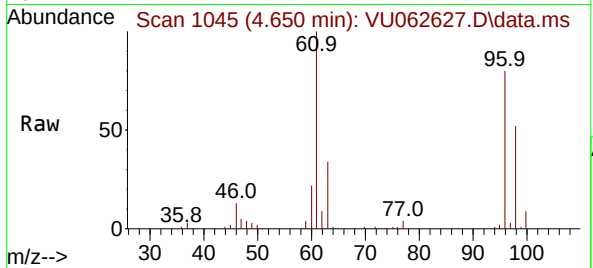




#22
 cis-1,2-Dichloroethene
 Concen: 11.349 ug/L
 RT: 4.650 min Scan# 1104
 Delta R.T. -0.003 min
 Lab File: VU062627.D
 Acq: 27 Dec 2024 18:59

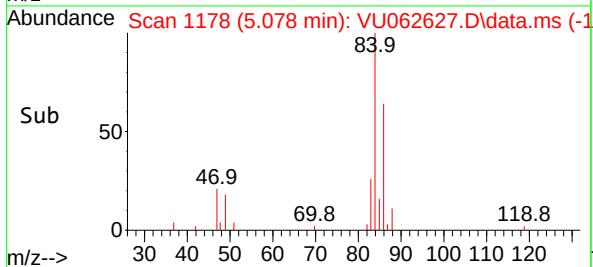
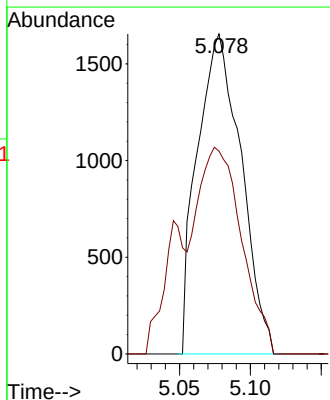
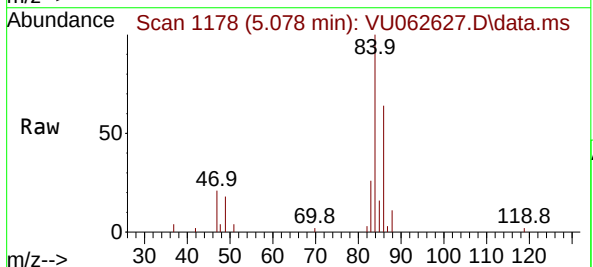
Instrument :
 MSVOA_U
 ClientSampleId :

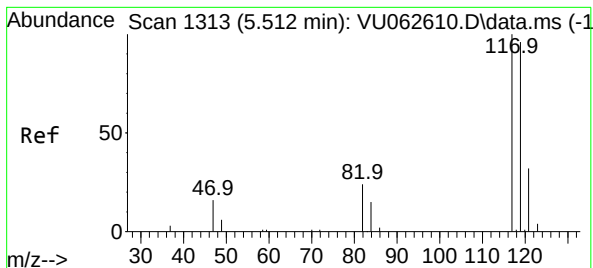
Tgt Ion: 96 Resp: 90414
 Ion Ratio Lower Upper
 96 100
 61 124.9 92.0 170.8
 98 65.2 44.5 82.7



#25
 Chloroform
 Concen: 0.242 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. 0.003 min
 Lab File: VU062627.D
 Acq: 27 Dec 2024 18:59

Tgt Ion: 83 Resp: 3550
 Ion Ratio Lower Upper
 83 100
 85 63.4 45.4 84.2





#31

Carbon tetrachloride

Concen: 0.506 ug/L

RT: 5.512 min Scan# 117

Delta R.T. -0.000 min

Lab File: VU062627.D

Acq: 27 Dec 2024 18:59

Instrument :

MSVOA_U

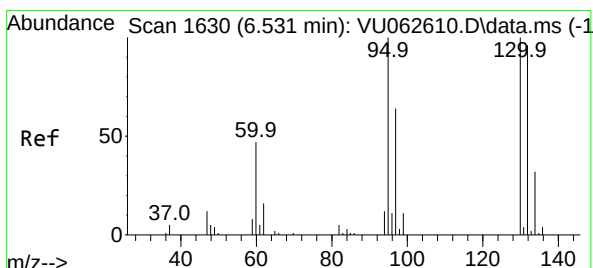
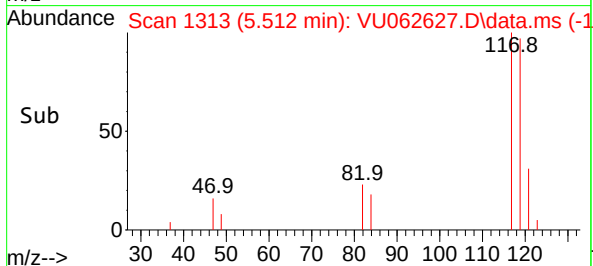
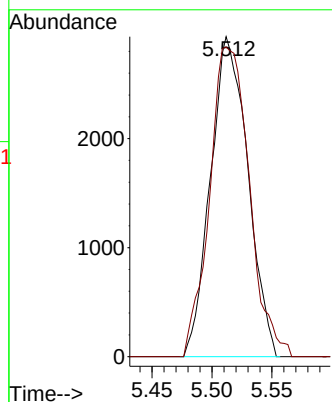
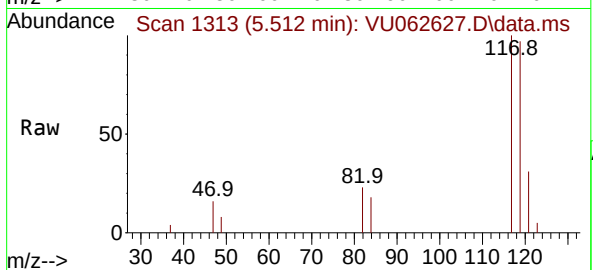
ClientSampleId :

Tgt Ion:117 Resp: 6339

Ion Ratio Lower Upper

117 100

119 103.2 77.5 116.3



#34

Trichloroethene

Concen: 21.029 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VU062627.D

Acq: 27 Dec 2024 18:59

Tgt Ion: 95 Resp: 179257

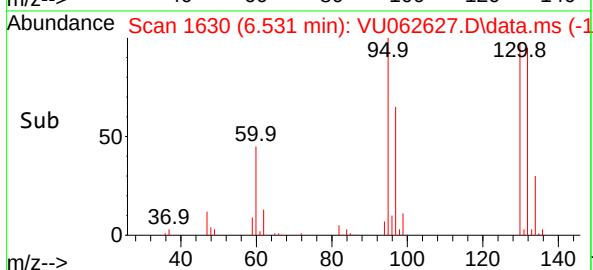
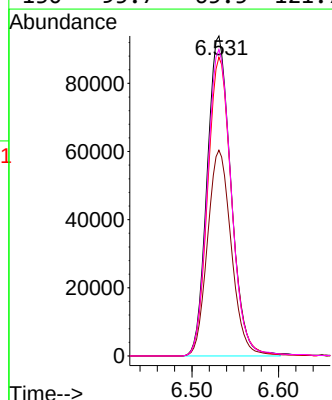
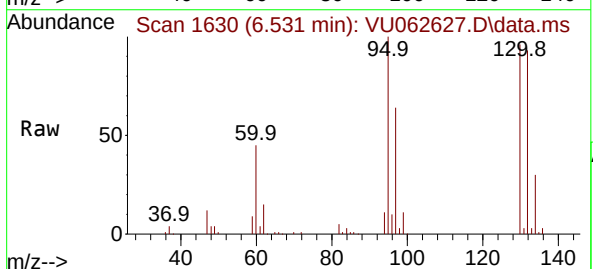
Ion Ratio Lower Upper

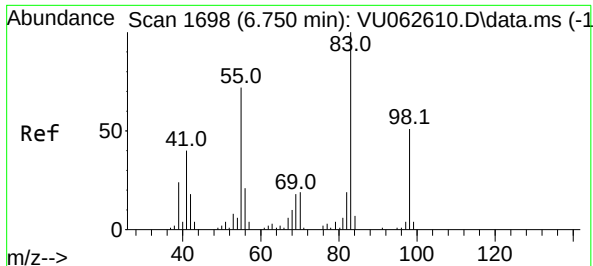
95 100

97 64.3 45.9 85.3

132 93.3 63.8 118.4

130 95.7 65.5 121.7

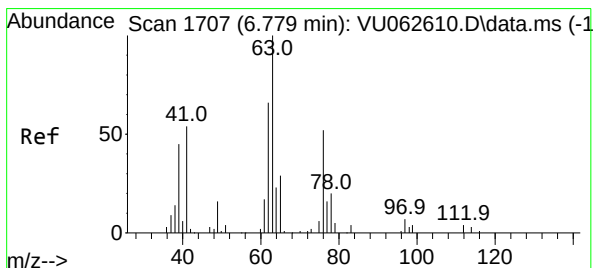
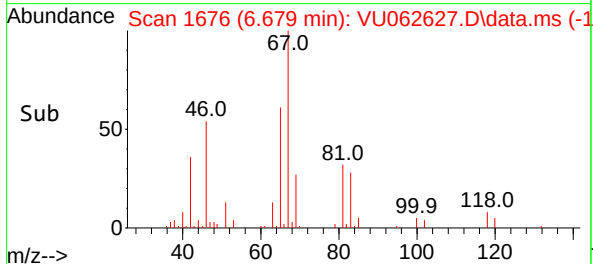
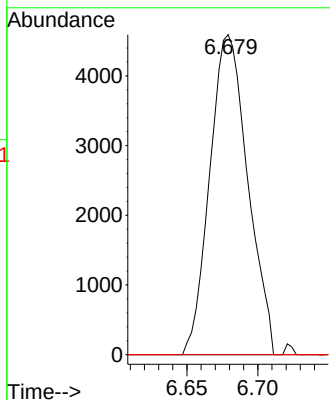
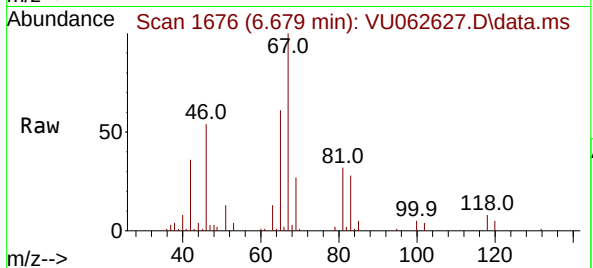




#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062627.D
Acq: 27 Dec 2024 18:59

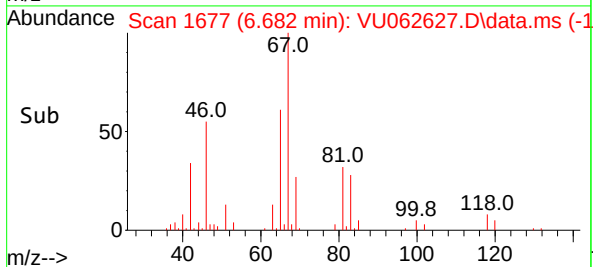
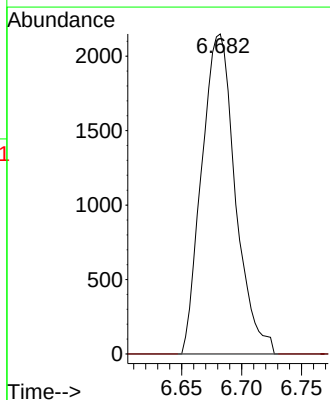
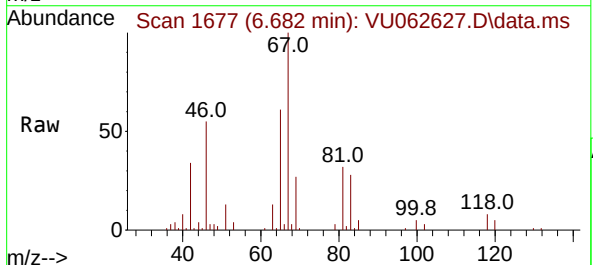
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MSVOA_U
ClientSampleId :

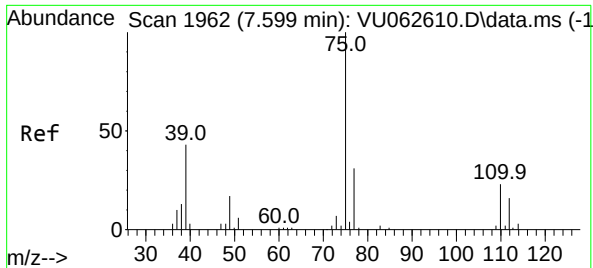
Tgt Ion: 83 Resp: 8572
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.097 min
Lab File: VU062627.D
Acq: 27 Dec 2024 18:59

Tgt Ion: 63 Resp: 4197
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.131 ug/L

RT: 7.557 min Scan# 1962

Delta R.T. -0.042 min

Lab File: VU062627.D

Acq: 27 Dec 2024 18:59

Instrument :

MSVOA_U

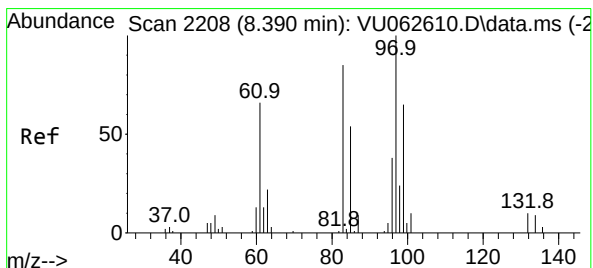
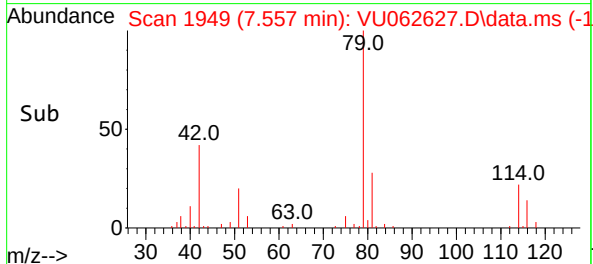
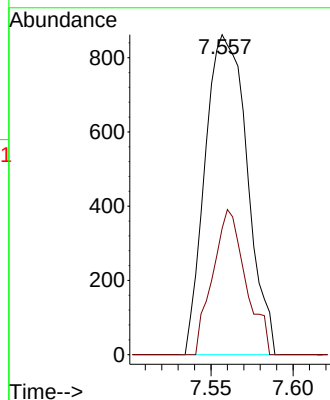
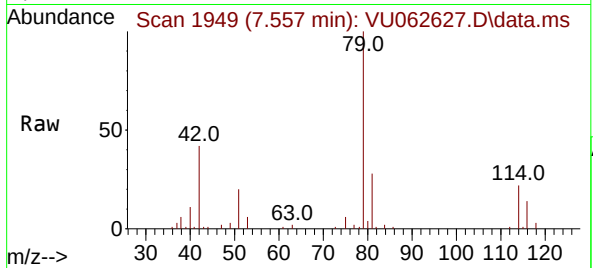
ClientSampleId :

Tgt Ion: 75 Resp: 1535

Ion Ratio Lower Upper

75 100

77 39.4 22.3 41.3



#45

1,1,2-Trichloroethane

Concen: 0.187 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VU062627.D

Acq: 27 Dec 2024 18:59

Tgt Ion: 97 Resp: 1035

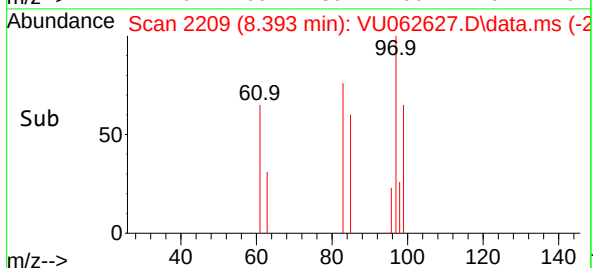
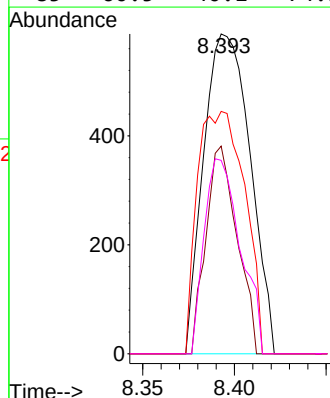
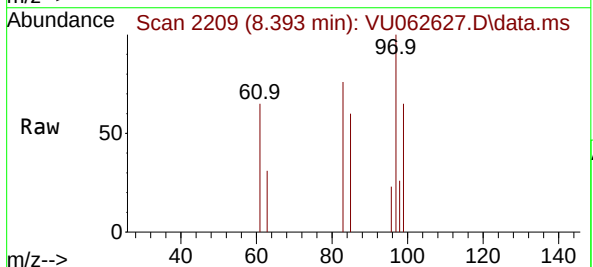
Ion Ratio Lower Upper

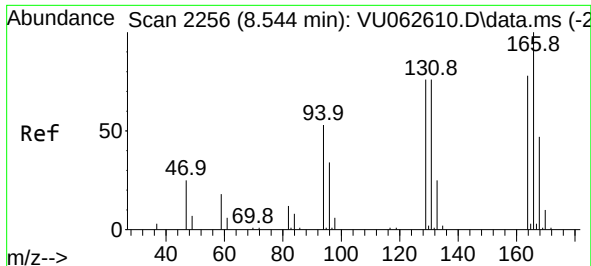
97 100

99 64.9 43.0 79.8

83 75.8 61.7 114.5

85 60.5 40.1 74.5





#47

Tetrachloroethene

Concen: 48.613 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU062627.D

Acq: 27 Dec 2024 18:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 319947

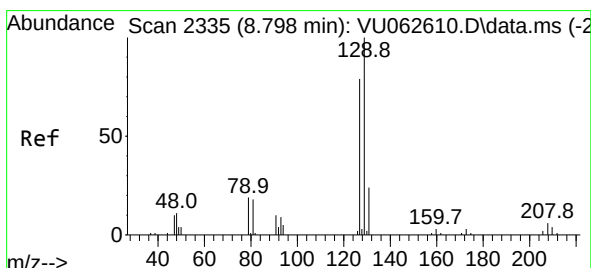
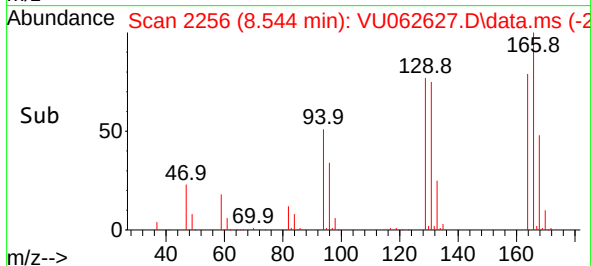
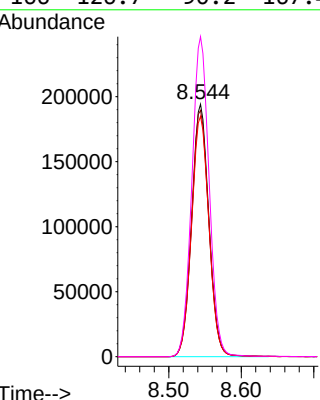
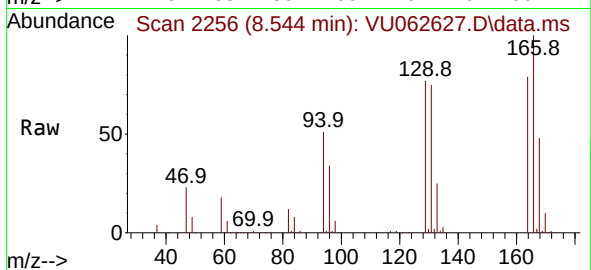
Ion Ratio Lower Upper

164 100

129 97.5 73.2 136.0

131 95.2 72.3 134.3

166 126.7 90.2 167.4



#49

Dibromochloromethane

Concen: 47.196 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.254 min

Lab File: VU062627.D

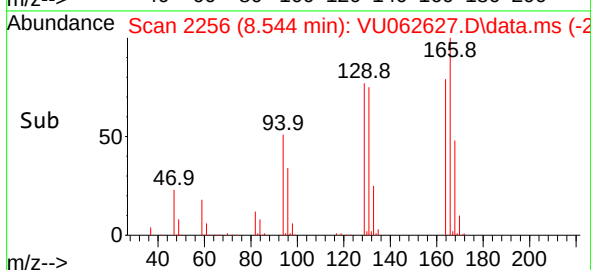
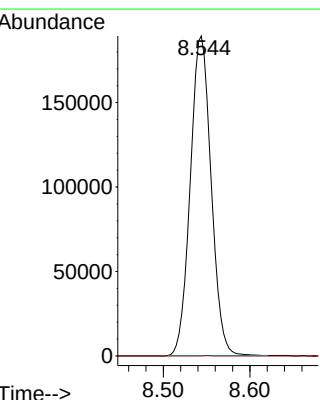
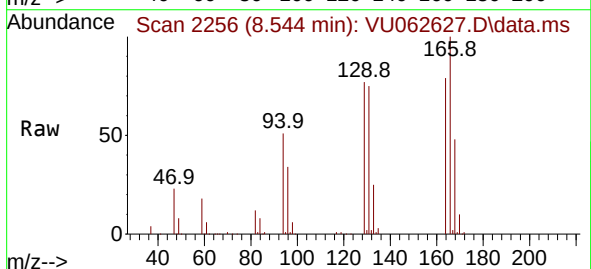
Acq: 27 Dec 2024 18:59

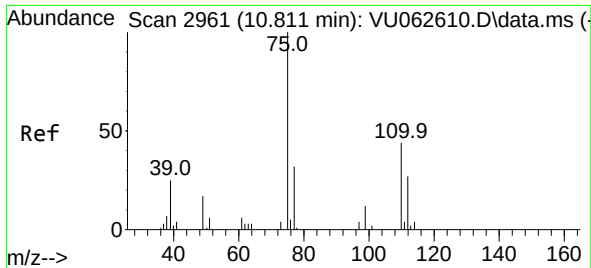
Tgt Ion:129 Resp: 315458

Ion Ratio Lower Upper

129 100

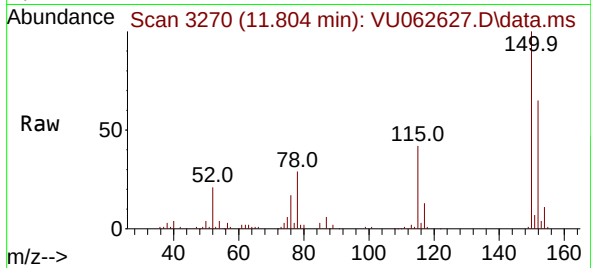
127 0.0 51.1 94.9#





#61
 1,2,3-Trichloropropane
 Concen: 0.987 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU062627.D
 Acq: 27 Dec 2024 18:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4379
 Ion Ratio Lower Upper
 75 100
 110 0.9 28.9 43.3#
 77 44.6 26.5 39.7#

