

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122624\
 Data File : VU062587.D
 Acq On : 26 Dec 2024 21:09
 Operator : MD/SY
 Sample : P5345-12
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 00:28:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 00:22:56 2024
 Response via : Initial Calibration

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

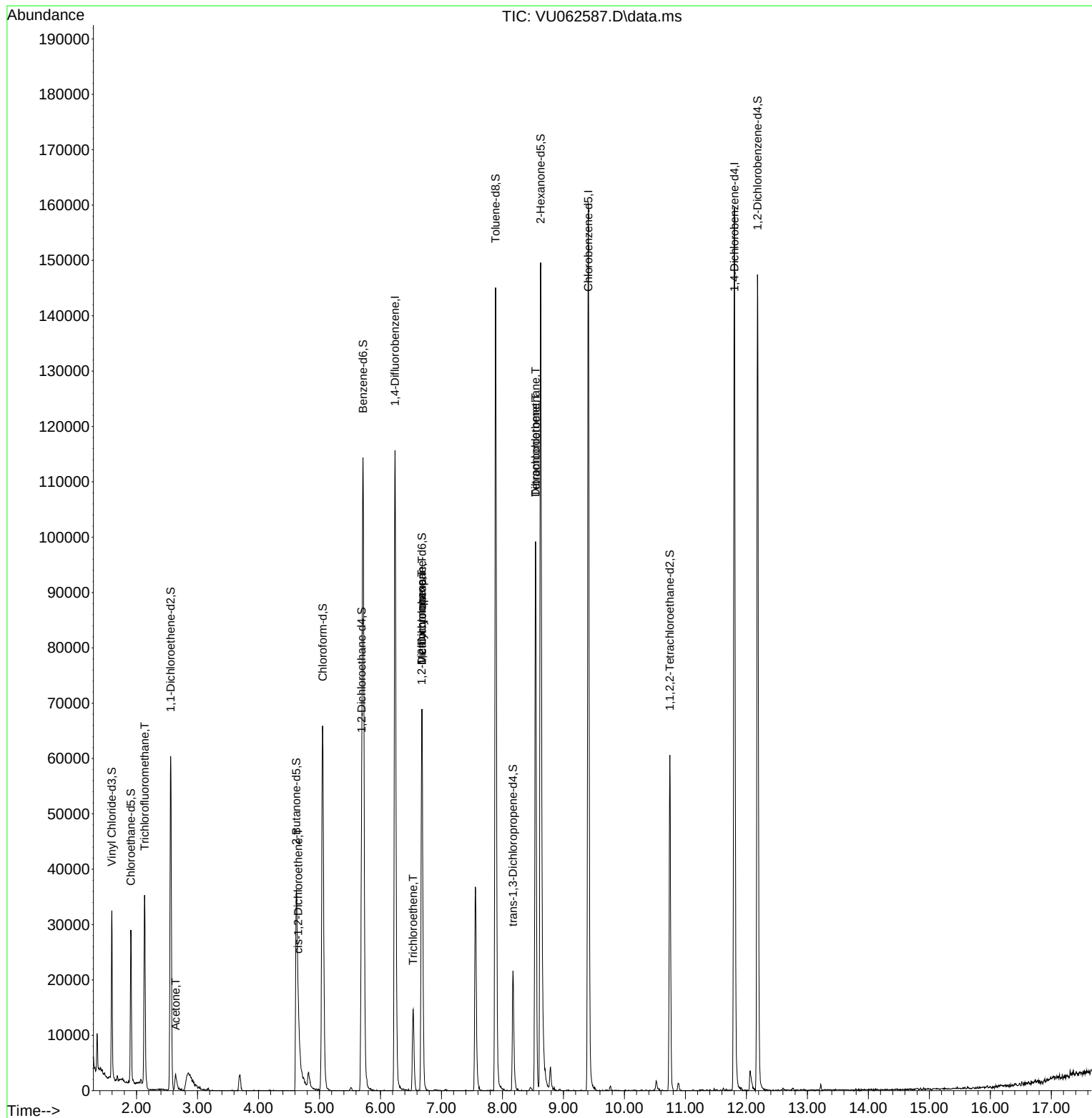
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96888	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89489	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45879	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20628	3.156	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	63.200%		
7) Chloroethane-d5	1.907	69	18833	4.051	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	81.000%		
11) 1,1-Dichloroethene-d2	2.560	65	11680	3.757	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	75.200%		
20) 2-Butanone-d5	4.621	46	63379	50.604	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	101.200%		
24) Chloroform-d	5.052	84	62839	4.443	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.800%		
26) 1,2-Dichloroethane-d4	5.692	65	35642	5.125	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	102.400%		
32) Benzene-d6	5.714	84	106509	4.132	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	82.600%		
36) 1,2-Dichloropropane-d6	6.679	67	31098	4.217	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	84.400%		
41) Toluene-d8	7.888	98	100294	4.119	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.400%		
43) trans-1,3-Dichloroprop...	8.174	79	14359	4.424	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	88.400%		
46) 2-Hexanone-d5	8.624	63	57685	58.904	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	117.800%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28522	4.970	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	99.400%		
66) 1,2-Dichlorobenzene-d4	12.183	152	41848	4.950	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.000%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	23004	1.789	ug/L	97
13) Acetone	2.644	43	4646	5.448	ug/L	90
22) cis-1,2-Dichloroethene	4.653	96	1234	0.164	ug/L	96
34) Trichloroethene	6.537	95	5506	0.701	ug/L	96
35) Methylcyclohexane	6.679	83	8324	0.715	ug/L #	19
37) 1,2-Dichloropropane	6.676	63	3912	0.579	ug/L #	87
47) Tetrachloroethene	8.544	164	21980	3.624	ug/L	95
49) Dibromochloromethane	8.544	129	21717	3.526	ug/L #	13

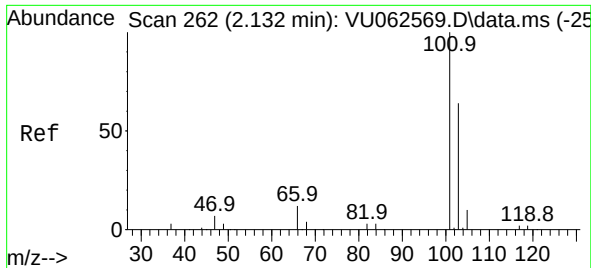
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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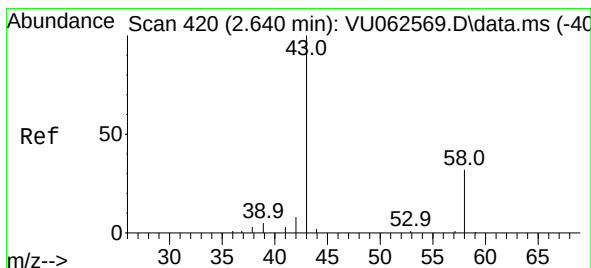
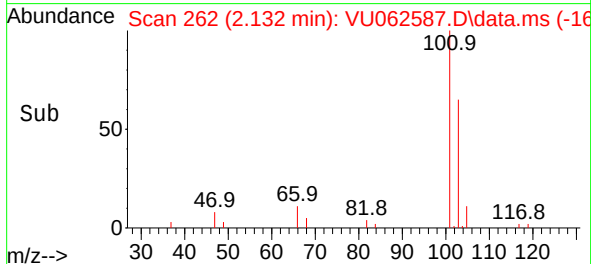
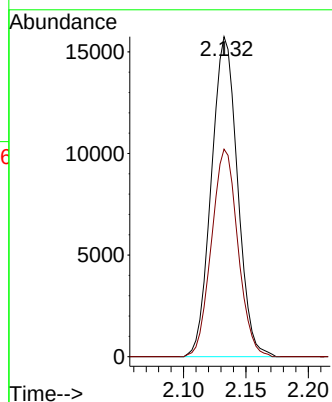
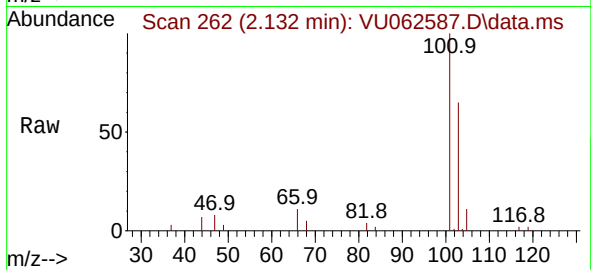




#9
 Trichlorofluoromethane
 Concen: 1.789 ug/L
 RT: 2.132 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU062587.D
 Acq: 26 Dec 2024 21:09

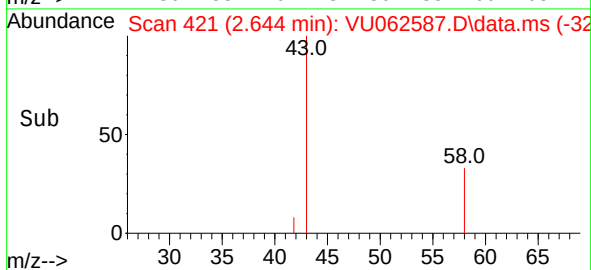
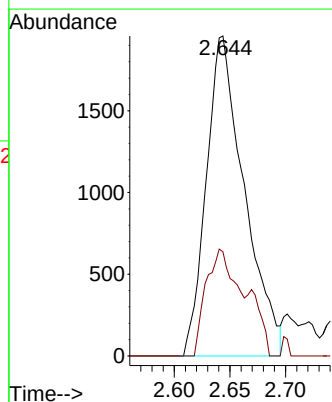
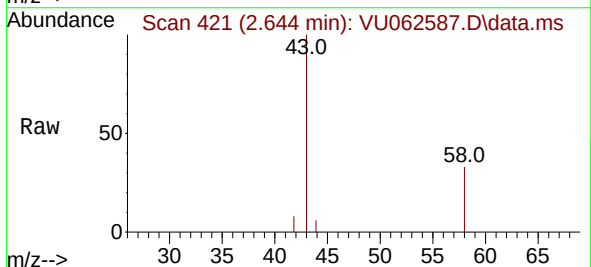
Instrument :
 MSVOA_U
 ClientSampleId :

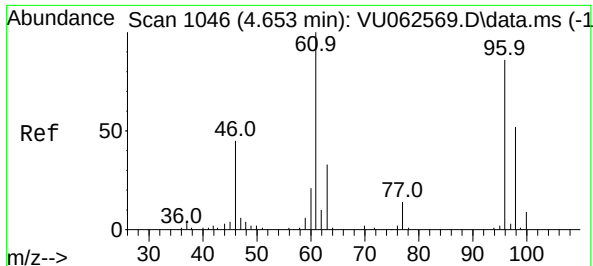
Tgt Ion:101 Resp: 23004
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.6 75.8



#13
 Acetone
 Concen: 5.448 ug/L
 RT: 2.644 min Scan# 421
 Delta R.T. 0.003 min
 Lab File: VU062587.D
 Acq: 26 Dec 2024 21:09

Tgt Ion: 43 Resp: 4646
 Ion Ratio Lower Upper
 43 100
 58 26.6 0.0 64.0



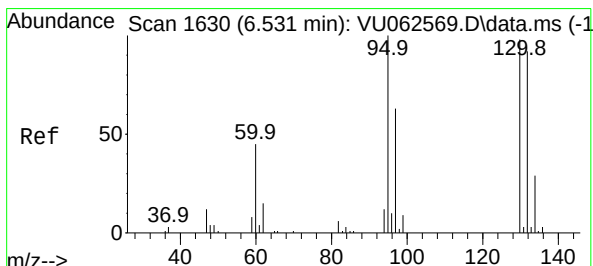
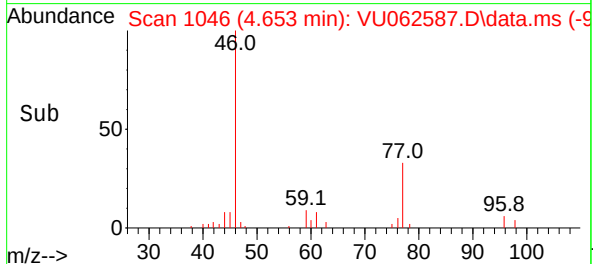
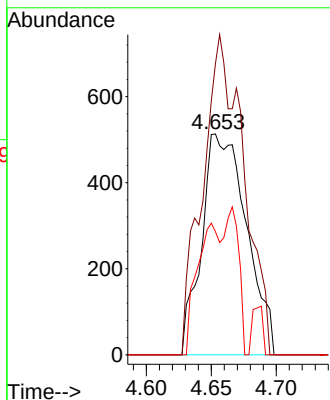
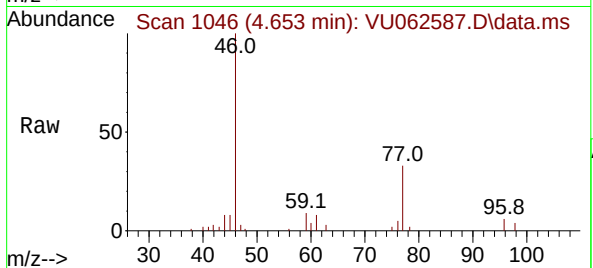


#22
 cis-1,2-Dichloroethene
 Concen: 0.164 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062587.D
 Acq: 26 Dec 2024 21:09

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 1234

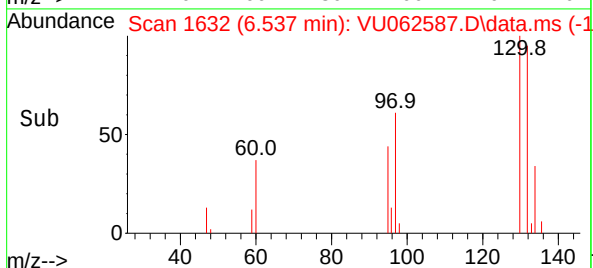
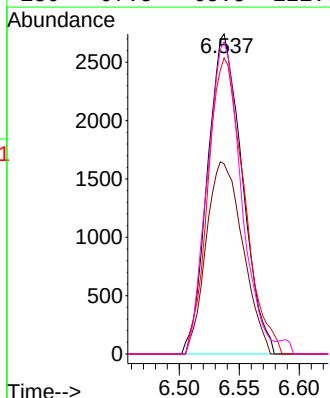
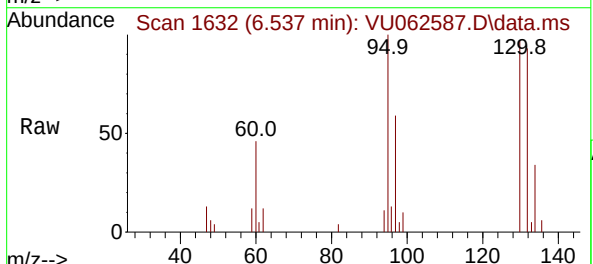
Ion	Ratio	Lower	Upper
96	100		
61	132.0	92.0	170.8
98	55.8	44.5	82.7

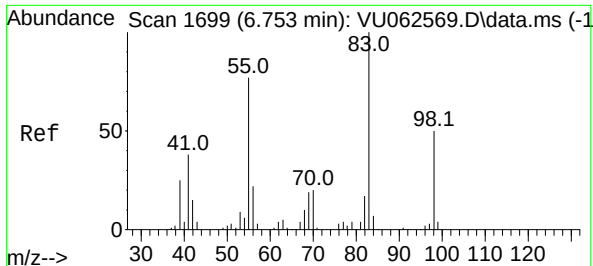


#34
 Trichloroethene
 Concen: 0.701 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.006 min
 Lab File: VU062587.D
 Acq: 26 Dec 2024 21:09

Tgt Ion: 95 Resp: 5506

Ion	Ratio	Lower	Upper
95	100		
97	59.4	45.9	85.3
132	92.5	63.8	118.4
130	97.5	65.5	121.7

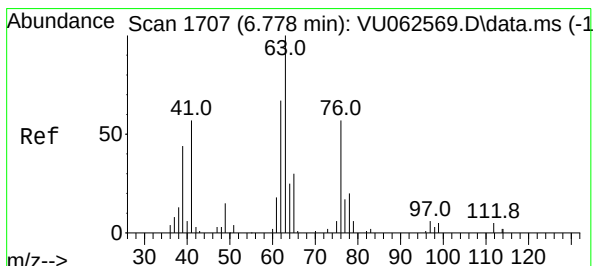
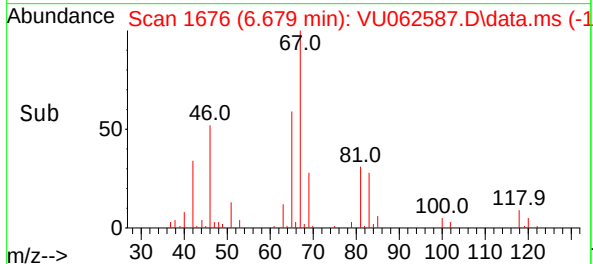
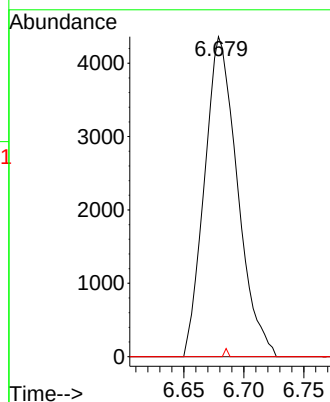
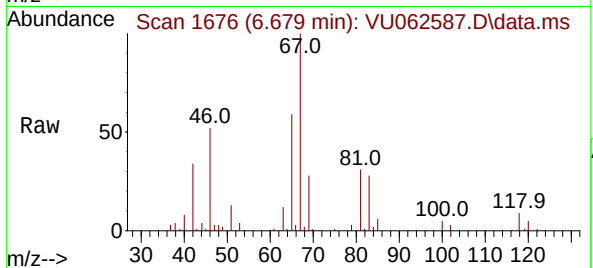




#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062587.D
Acq: 26 Dec 2024 21:09

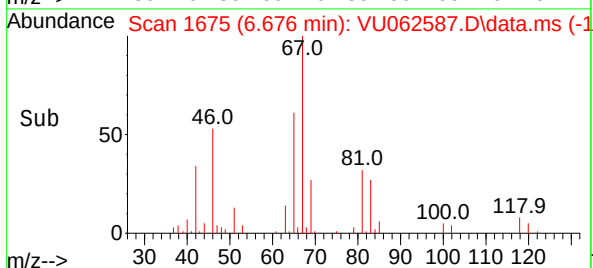
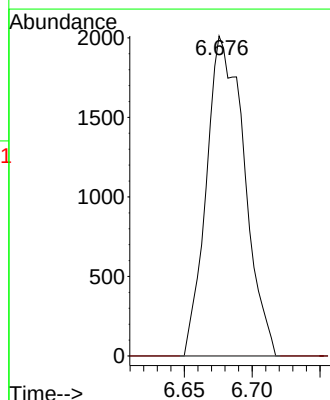
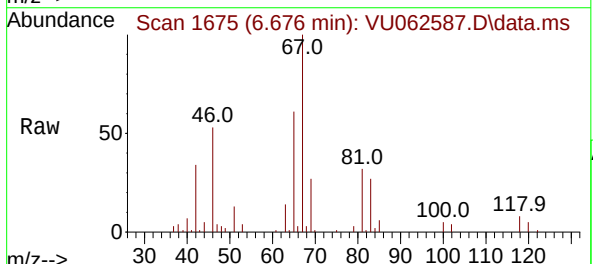
Instrument :
MSVOA_U
ClientSampleId :

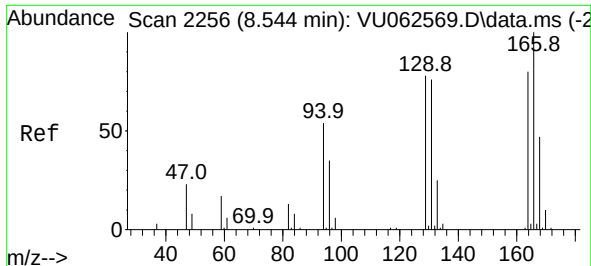
Tgt Ion: 83 Resp: 8324
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.3 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.103 min
Lab File: VU062587.D
Acq: 26 Dec 2024 21:09

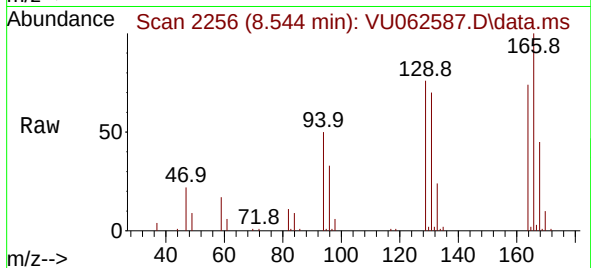
Tgt Ion: 63 Resp: 3912
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



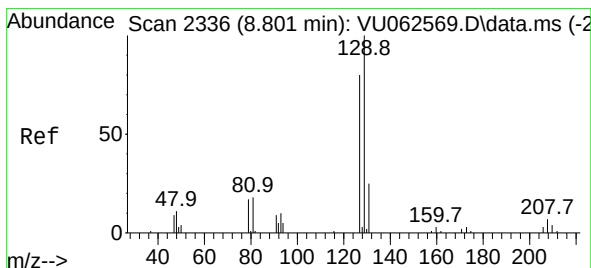
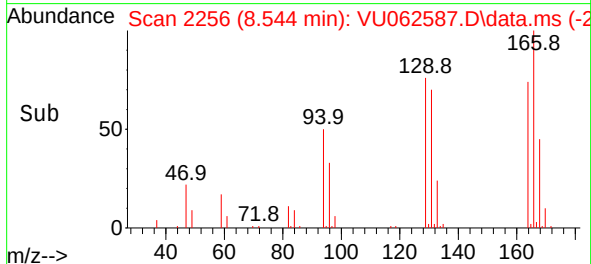
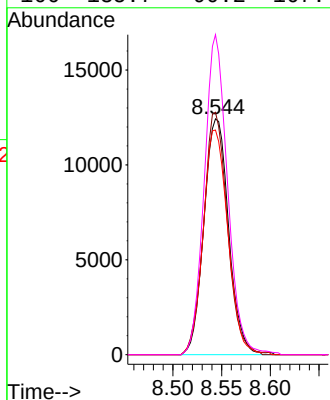


#47
Tetrachloroethene
Concen: 3.624 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062587.D
Acq: 26 Dec 2024 21:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 21980
Ion Ratio Lower Upper
164 100
129 102.8 73.2 136.0
131 95.3 72.3 134.3
166 135.7 90.2 167.4



#49
Dibromochloromethane
Concen: 3.526 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.257 min
Lab File: VU062587.D
Acq: 26 Dec 2024 21:09

Tgt Ion:129 Resp: 21717
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#

