

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062435.D
 Acq On : 18 Dec 2024 20:46
 Operator : MD/SY
 Sample : P5309-11DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 00:16:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 00:12:34 2024
 Response via : Initial Calibration

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

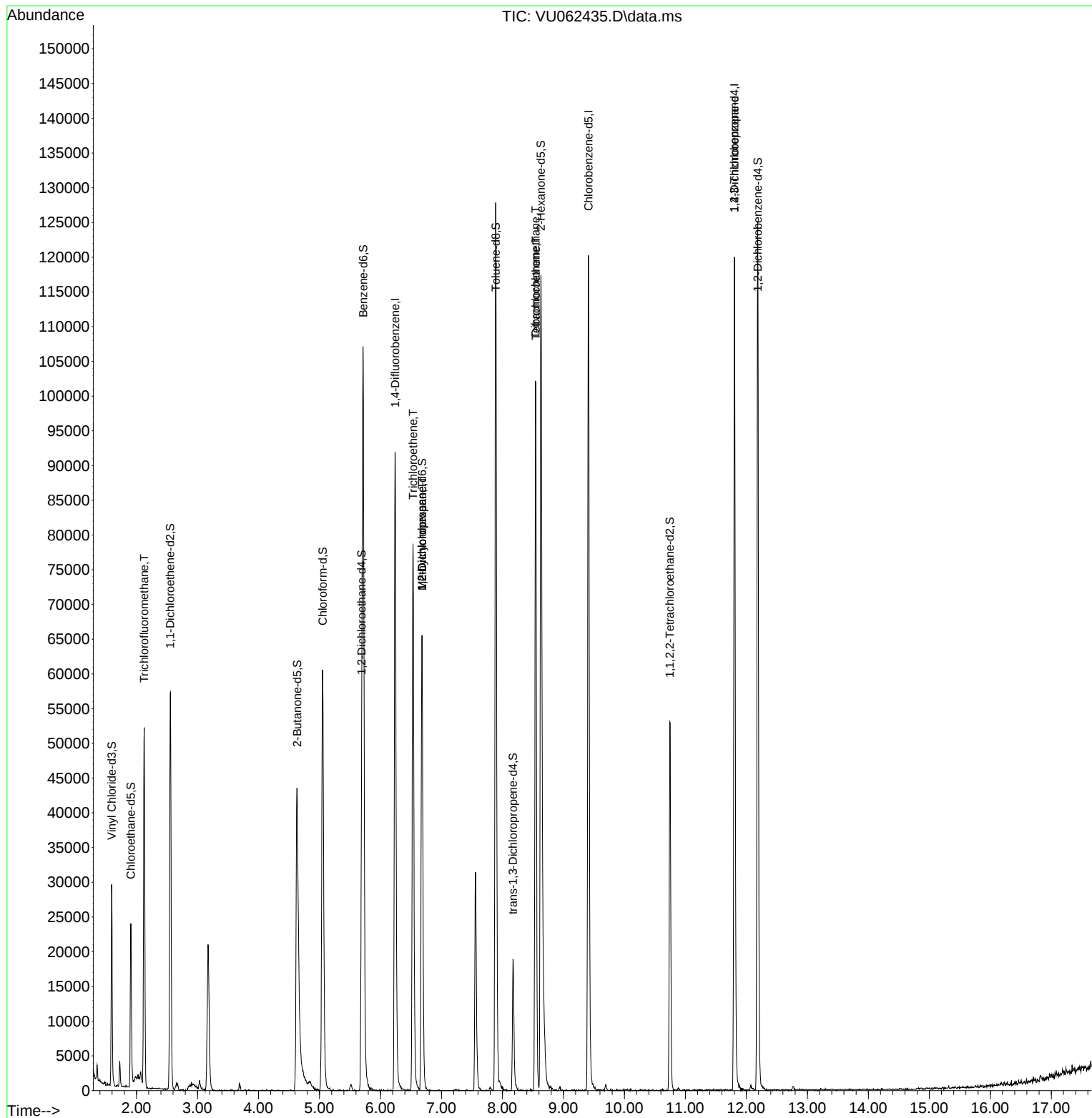
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78317	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72823	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35520	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20421	3.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.907	69	18135	4.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.554	65	10759	4.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.634	46	56065	55.379	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.760%
24) Chloroform-d	5.052	84	59622	5.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.692	65	33114	5.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.800%
32) Benzene-d6	5.718	84	101764	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.682	67	30199	5.032	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.891	98	90400	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	12136	4.594	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.631	63	43444	54.515	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.020%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25266	5.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	36203	5.531	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.126	101	34618	3.331	ug/L	100
34) Trichloroethene	6.534	95	28327	4.431	ug/L	93
35) Methylcyclohexane	6.682	83	7560	0.798	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	3739	0.680	ug/L #	87
47) Tetrachloroethene	8.547	164	23520	4.765	ug/L	93
49) Dibromochloromethane	8.544	129	23137	4.616	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	3406	1.037	ug/L #	68

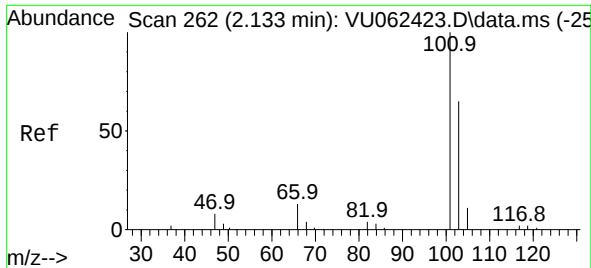
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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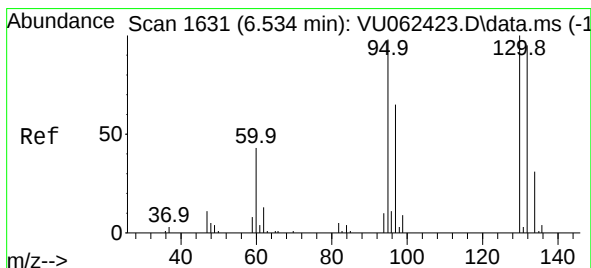
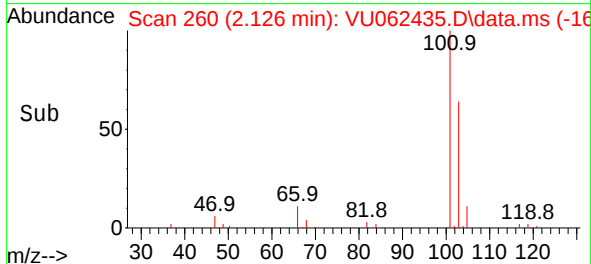
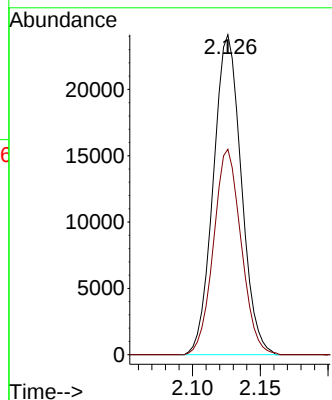
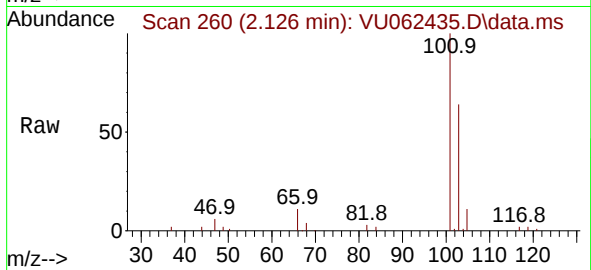




#9
 Trichlorofluoromethane
 Concen: 3.331 ug/L
 RT: 2.126 min Scan# 2
 Delta R.T. -0.007 min
 Lab File: VU062435.D
 Acq: 18 Dec 2024 20:46

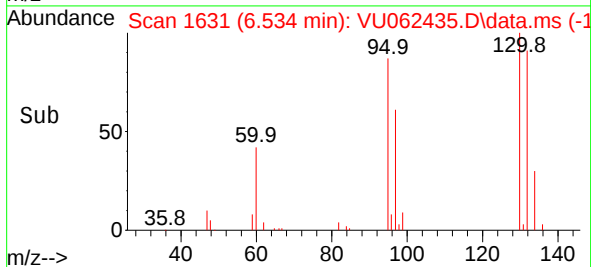
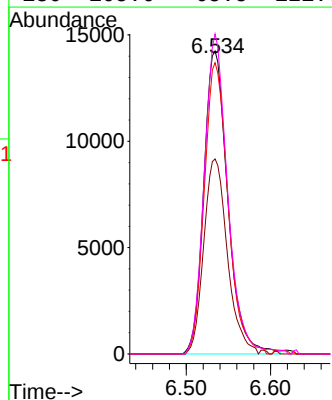
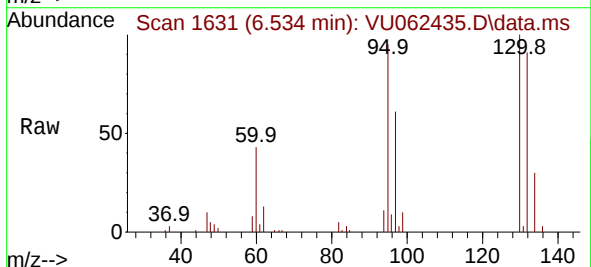
Instrument :
 MSVOA_U
 ClientSampleId :

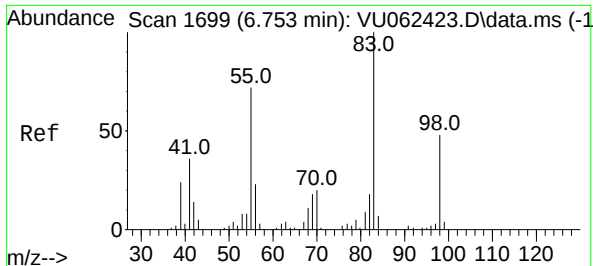
Tgt Ion:101 Resp: 34618
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.6 75.8



#34
 Trichloroethene
 Concen: 4.431 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VU062435.D
 Acq: 18 Dec 2024 20:46

Tgt Ion: 95 Resp: 28327
 Ion Ratio Lower Upper
 95 100
 97 64.4 45.9 85.3
 132 96.1 63.8 118.4
 130 105.6 65.5 121.7

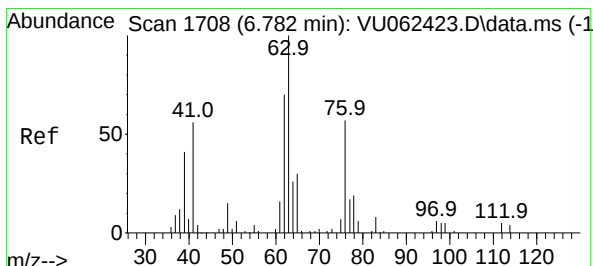
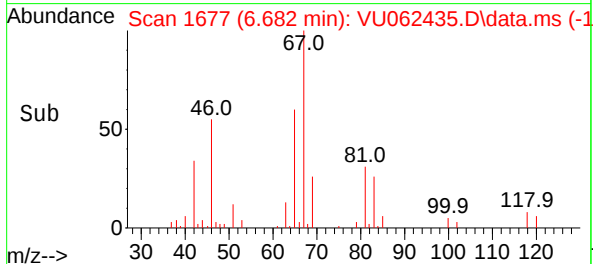
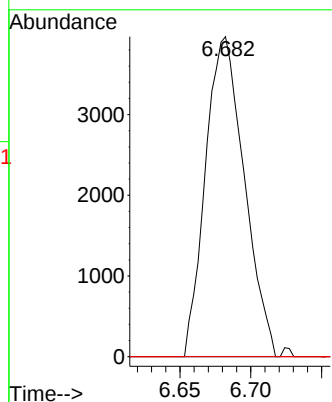
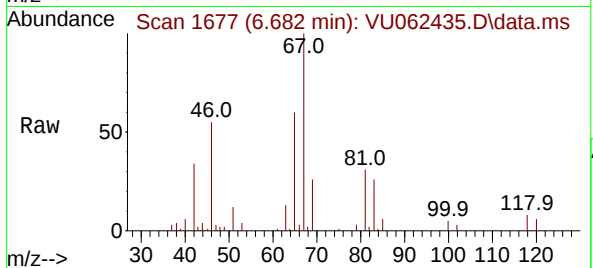




#35
Methylcyclohexane
Concen: 0.798 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062435.D
Acq: 18 Dec 2024 20:46

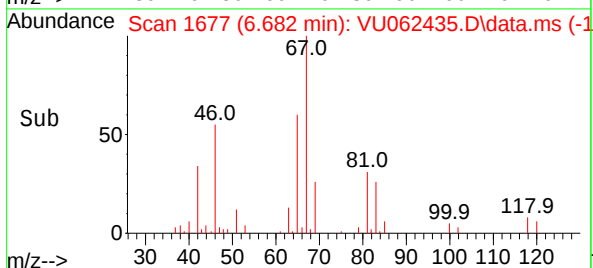
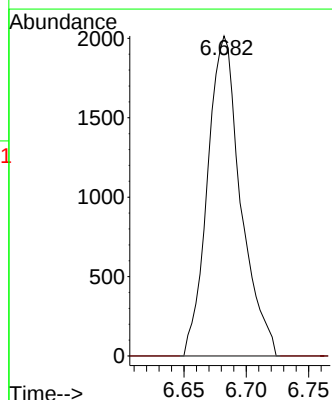
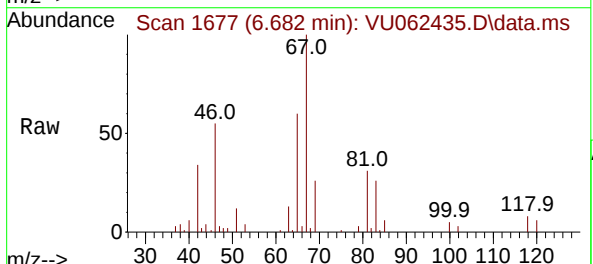
Instrument :
MSVOA_U
ClientSampleId :

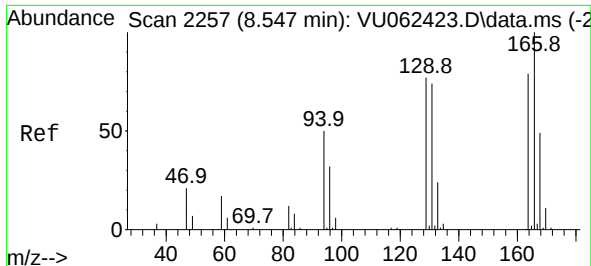
Tgt Ion: 83 Resp: 7560
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.680 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU062435.D
Acq: 18 Dec 2024 20:46

Tgt Ion: 63 Resp: 3739
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 4.765 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.000 min

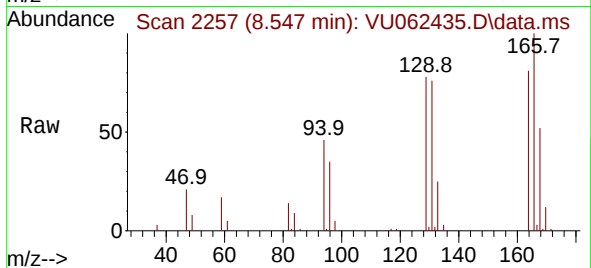
Lab File: VU062435.D

Acq: 18 Dec 2024 20:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 23520

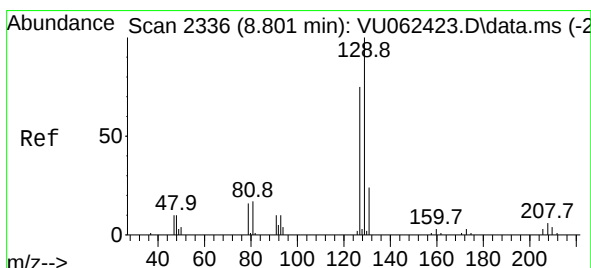
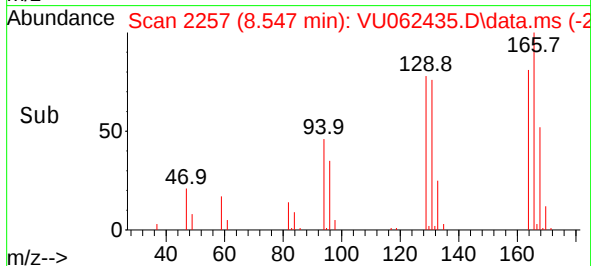
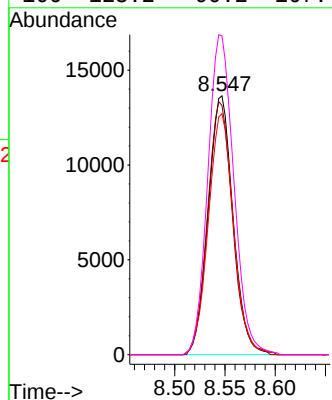
Ion Ratio Lower Upper

164 100

129 96.3 73.2 136.0

131 93.1 72.3 134.3

166 123.2 90.2 167.4



#49

Dibromochloromethane

Concen: 4.616 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU062435.D

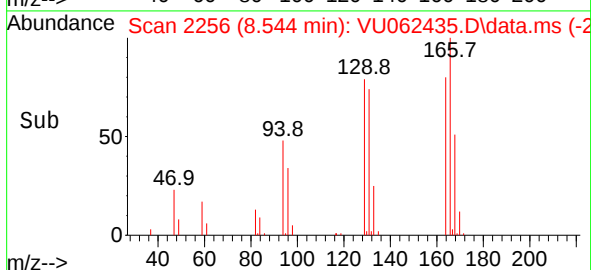
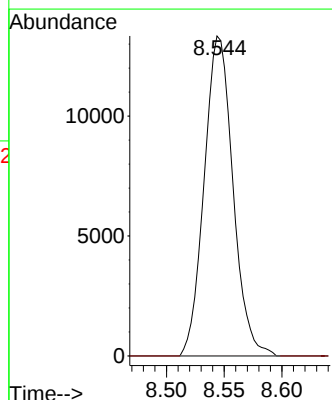
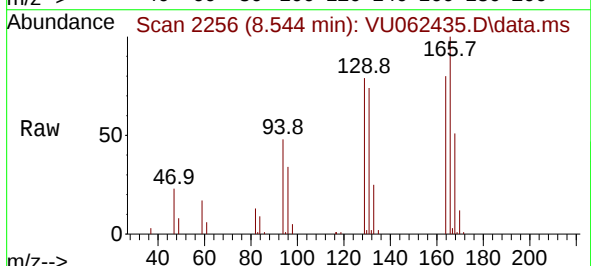
Acq: 18 Dec 2024 20:46

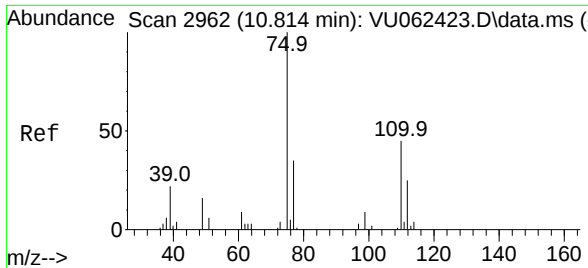
Tgt Ion:129 Resp: 23137

Ion Ratio Lower Upper

129 100

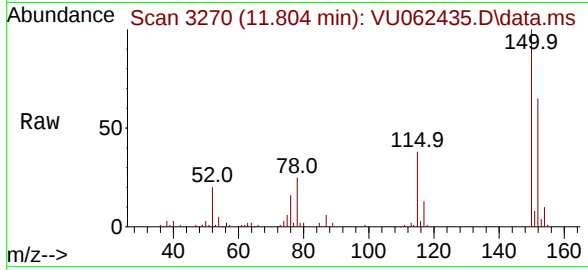
127 0.0 51.1 94.9#





#61
1,2,3-Trichloropropane
Concen: 1.037 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU062435.D
Acq: 18 Dec 2024 20:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3406
Ion Ratio Lower Upper
75 100
110 0.0 28.9 43.3#
77 32.5 26.5 39.7

