

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122624\
 Data File : VU062592.D
 Acq On : 26 Dec 2024 23:32
 Operator : MD/SY
 Sample : P5344-02DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 01:08:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 01:06:59 2024
 Response via : Initial Calibration

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

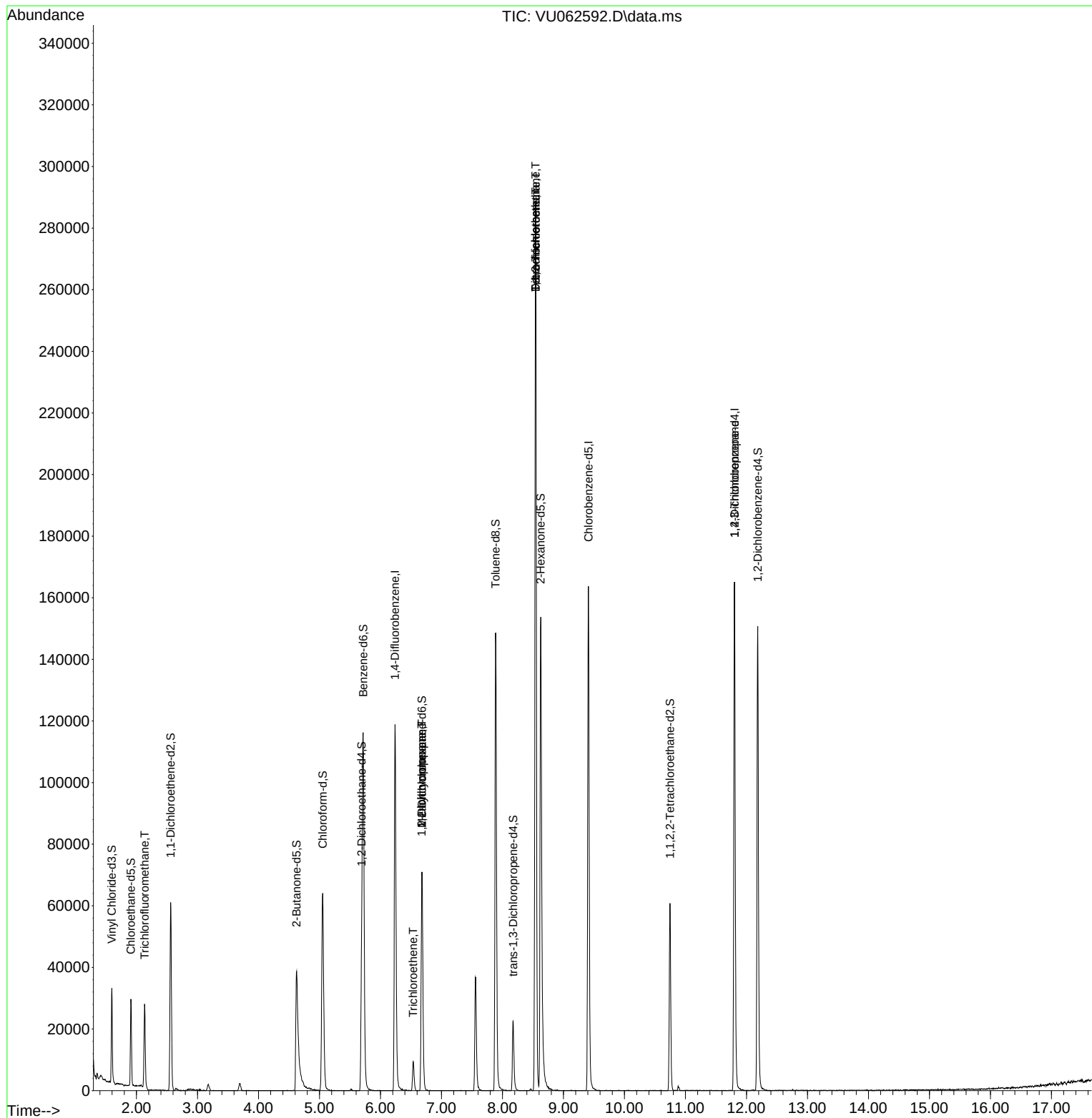
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	99279	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93624	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46462	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20642	3.082	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	61.600%		
7) Chloroethane-d5	1.907	69	19371	4.067	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	81.400%		
11) 1,1-Dichloroethene-d2	2.560	65	11825	3.712	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	74.200%		
20) 2-Butanone-d5	4.624	46	60089	46.821	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	93.640%		
24) Chloroform-d	5.052	84	64432	4.446	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.000%		
26) 1,2-Dichloroethane-d4	5.692	65	35865	5.033	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.600%		
32) Benzene-d6	5.718	84	110006	4.080	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	81.600%		
36) 1,2-Dichloropropane-d6	6.679	67	32376	4.196	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	84.000%		
41) Toluene-d8	7.888	98	103933	4.080	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	81.600%		
43) trans-1,3-Dichloroprop...	8.174	79	15199	4.475	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	89.600%		
46) 2-Hexanone-d5	8.624	63	59281	57.860	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	115.720%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28420	4.734	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	94.600%		
66) 1,2-Dichlorobenzene-d4	12.184	152	42225	4.932	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.600%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.133	101	17721	1.345	ug/L	97
34) Trichloroethene	6.534	95	3360	0.409	ug/L	90
35) Methylcyclohexane	6.679	83	8928	0.733	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	4364	0.618	ug/L #	87
45) 1,1,2-Trichloroethane	8.544	97	579	0.109	ug/L #	39
47) Tetrachloroethene	8.544	164	63583	10.020	ug/L	94
49) Dibromochloromethane	8.544	129	62299	9.667	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	4587	1.068	ug/L #	67

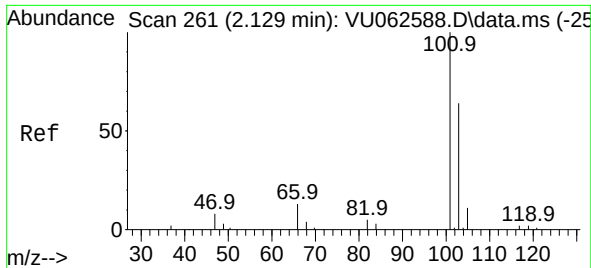
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 27 01:06:59 2024
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.345 ug/L

RT: 2.133 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU062592.D

Acq: 26 Dec 2024 23:32

Instrument :

MSVOA_U

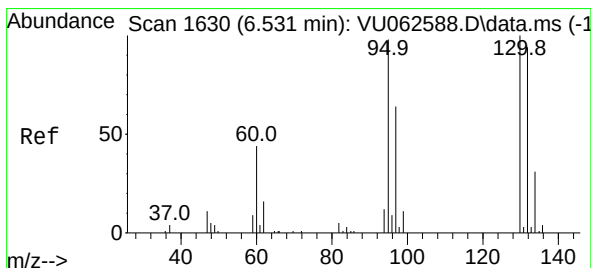
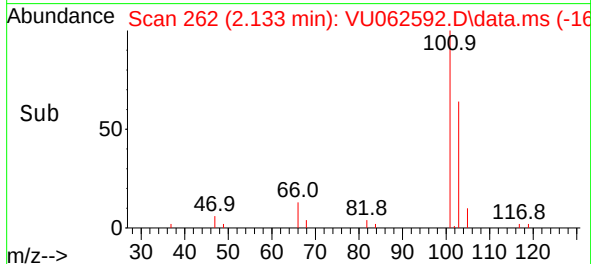
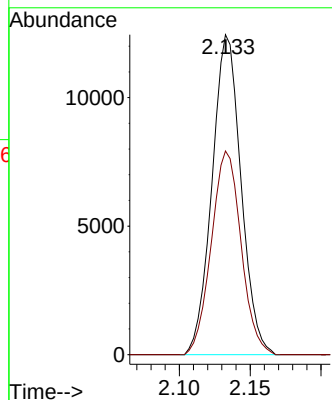
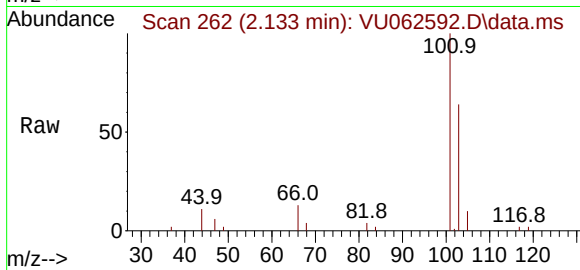
ClientSampleId :

Tgt Ion:101 Resp: 17721

Ion Ratio Lower Upper

101 100

103 65.3 50.6 75.8



#34

Trichloroethene

Concen: 0.409 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.003 min

Lab File: VU062592.D

Acq: 26 Dec 2024 23:32

Tgt Ion: 95 Resp: 3360

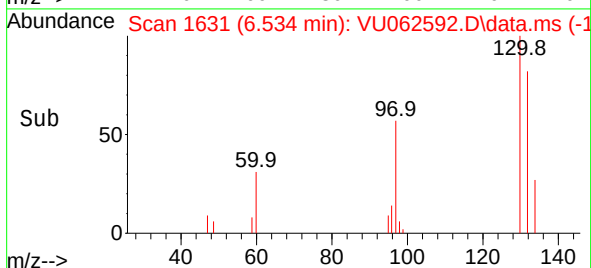
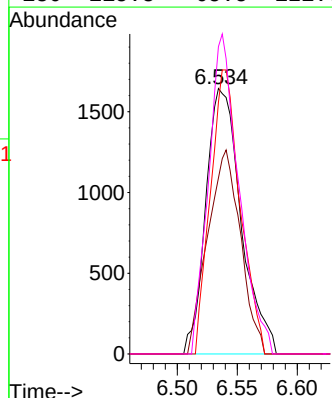
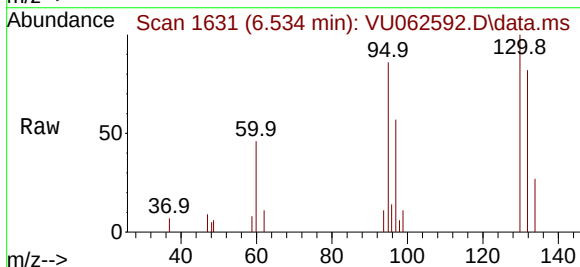
Ion Ratio Lower Upper

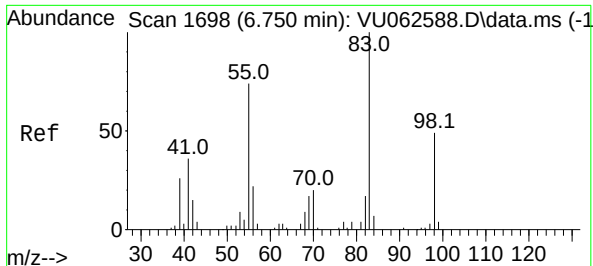
95 100

97 66.3 45.9 85.3

132 94.8 63.8 118.4

130 115.8 65.5 121.7





#35

Methylcyclohexane

Concen: 0.733 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062592.D

Acq: 26 Dec 2024 23:32

Instrument :

MSVOA_U

ClientSampleId :

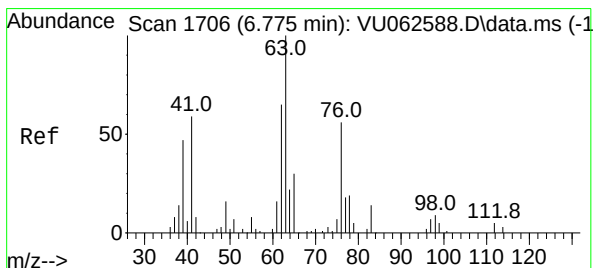
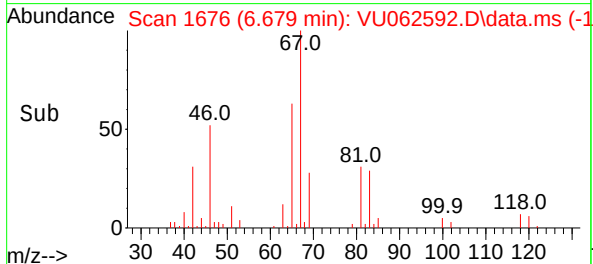
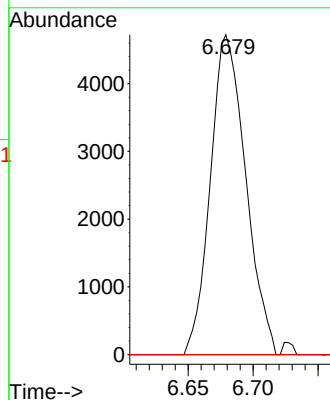
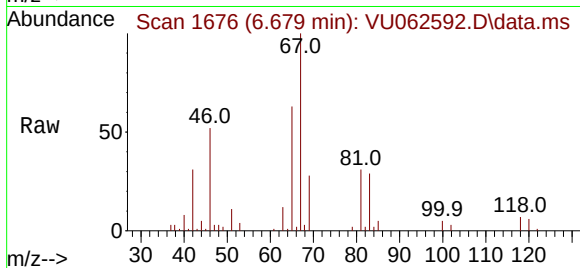
Tgt Ion: 83 Resp: 8928

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 3.0 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.618 ug/L

RT: 6.676 min Scan# 1675

Delta R.T. -0.100 min

Lab File: VU062592.D

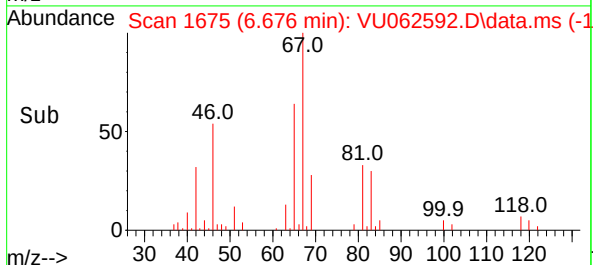
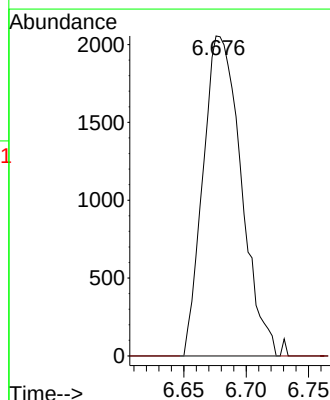
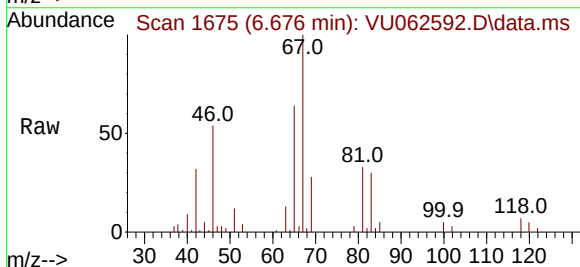
Acq: 26 Dec 2024 23:32

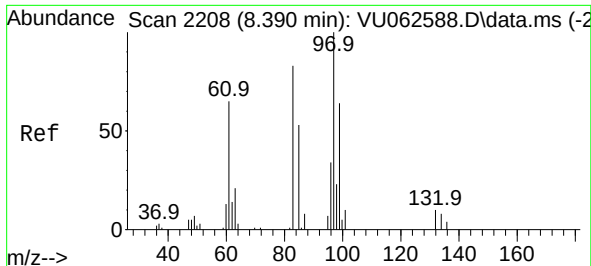
Tgt Ion: 63 Resp: 4364

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



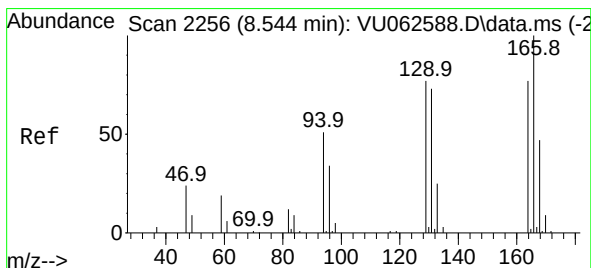
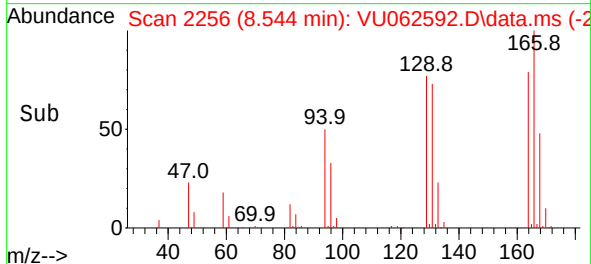
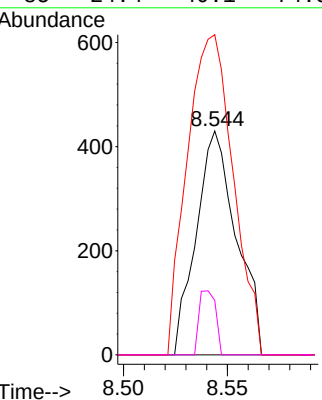
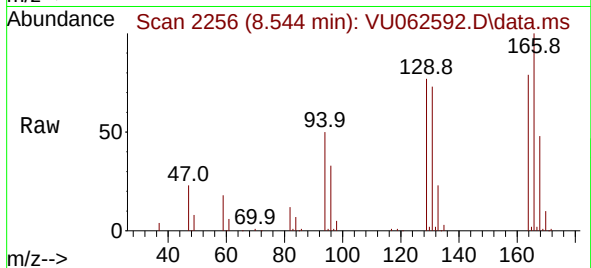


#45
1,1,2-Trichloroethane
Concen: 0.109 ug/L
RT: 8.544 min Scan# 2208
Delta R.T. 0.154 min
Lab File: VU062592.D
Acq: 26 Dec 2024 23:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 579

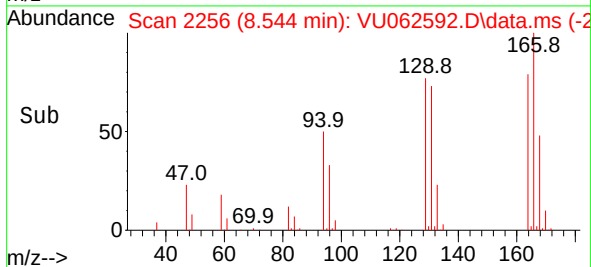
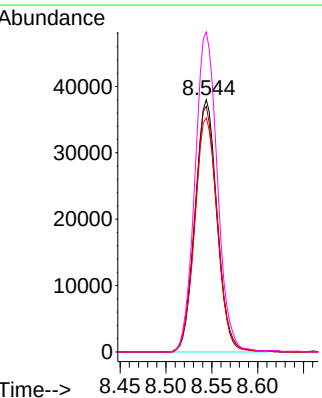
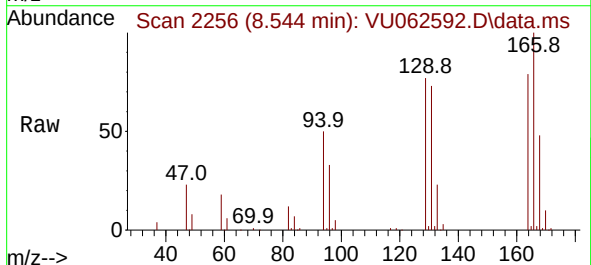
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.0	79.8#
83	143.0	61.7	114.5#
85	24.4	40.1	74.5#

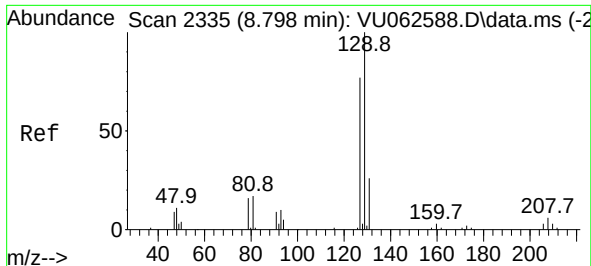


#47
Tetrachloroethene
Concen: 10.020 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062592.D
Acq: 26 Dec 2024 23:32

Tgt Ion: 164 Resp: 63583

Ion	Ratio	Lower	Upper
164	100		
129	97.3	73.2	136.0
131	92.8	72.3	134.3
166	126.8	90.2	167.4





#49

Dibromochloromethane

Concen: 9.667 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU062592.D

Acq: 26 Dec 2024 23:32

Instrument :

MSVOA_U

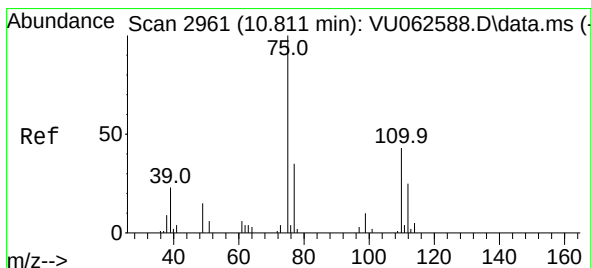
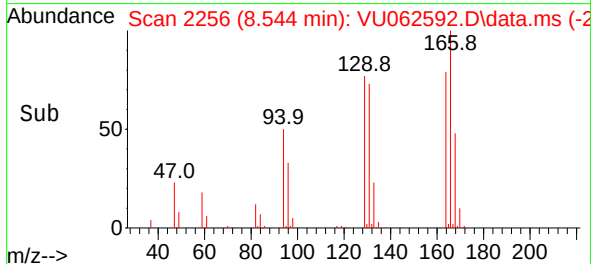
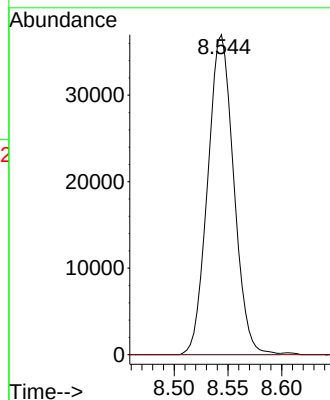
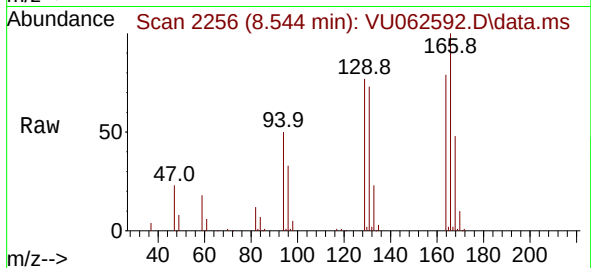
ClientSampleId :

Tgt Ion:129 Resp: 62299

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.068 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.994 min

Lab File: VU062592.D

Acq: 26 Dec 2024 23:32

Tgt Ion: 75 Resp: 4587

Ion Ratio Lower Upper

75 100

110 0.9 28.9 43.3#

77 35.2 26.5 39.7

