

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060932.D
 Acq On : 20 Sep 2024 07:29
 Operator : MD/SY
 Sample : P4092-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B28

Quant Time: Sep 20 07:53:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

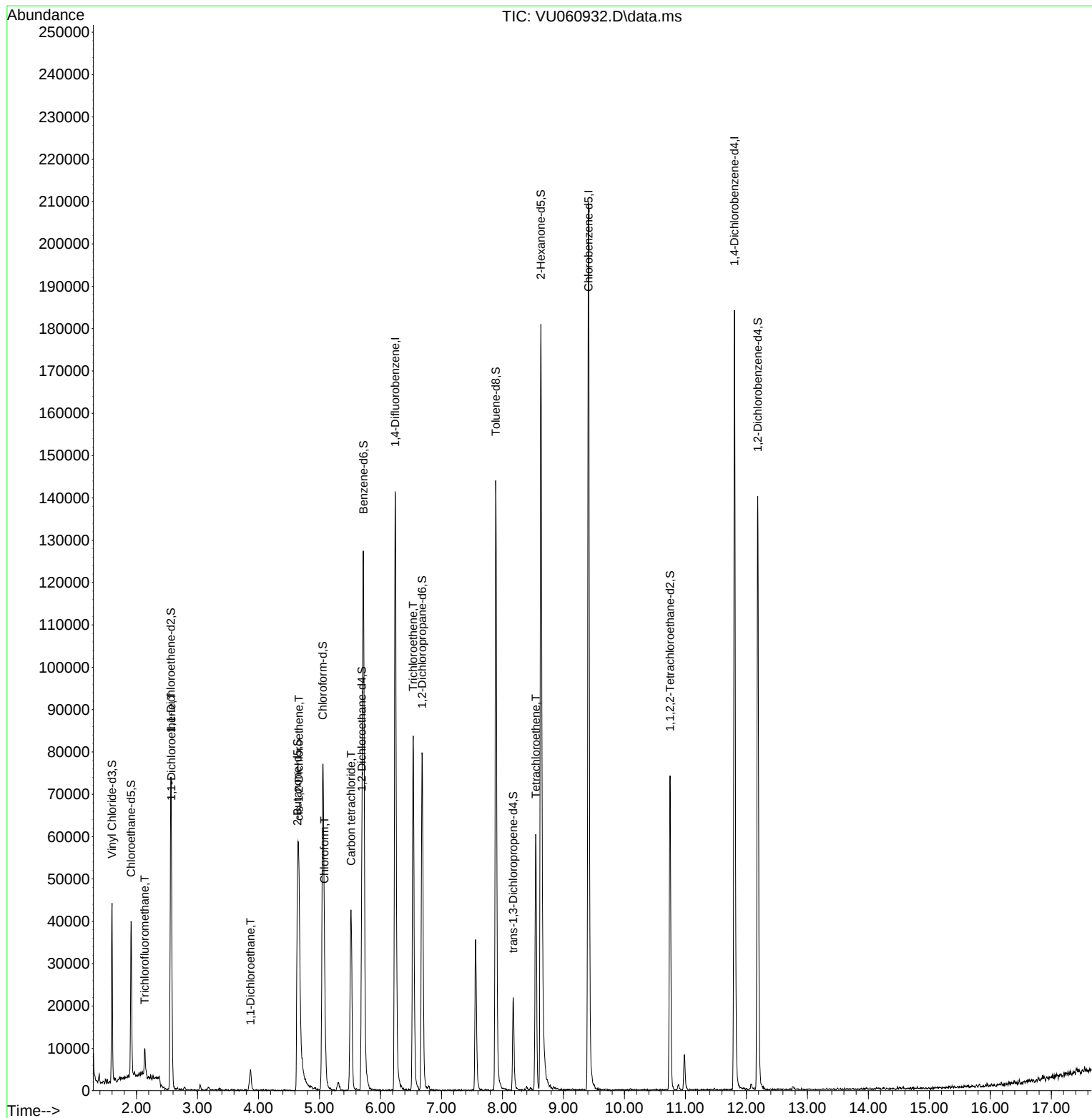
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	129724	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136363	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	57763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	29438	2.523	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.400%
7) Chloroethane-d5	1.911	69	27577	3.320	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.400%
11) 1,1-Dichloroethene-d2	2.563	65	13040	3.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	4.640	46	79665	42.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.060%
24) Chloroform-d	5.055	84	72460	4.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	5.695	65	36570	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.721	84	128269	3.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.200%
36) 1,2-Dichloropropane-d6	6.682	67	42314	3.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.800%
41) Toluene-d8	7.891	98	108185	3.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	8.177	79	14330	3.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.631	63	70497	43.904	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.800%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38918	4.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	44368	4.571	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.136	101	4168	0.271	ug/L	96
12) 1,1-Dichloroethene	2.573	96	6220	0.762	ug/L #	1
19) 1,1-Dichloroethane	3.869	63	5582	0.329	ug/L #	95
22) cis-1,2-Dichloroethene	4.663	96	16786	1.794	ug/L	91
25) Chloroform	5.081	83	19271	1.089	ug/L	99
31) Carbon tetrachloride	5.518	117	32472	2.491	ug/L	98
34) Trichloroethene	6.537	95	29773	3.029	ug/L	92
47) Tetrachloroethene	8.550	164	15116	1.935	ug/L	98

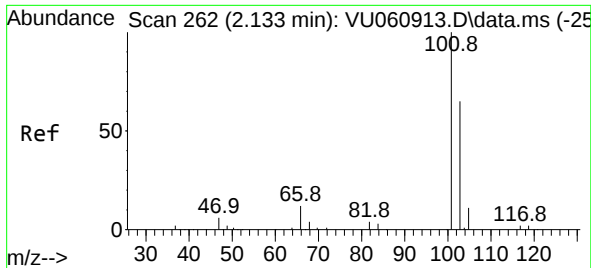
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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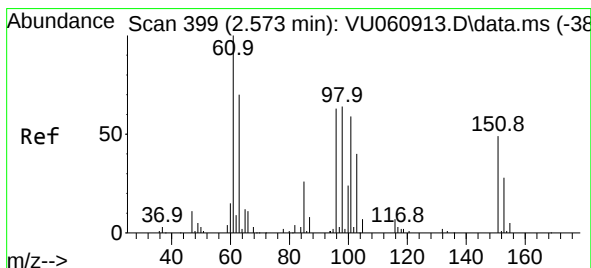
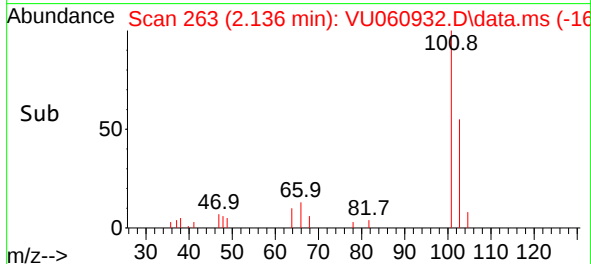
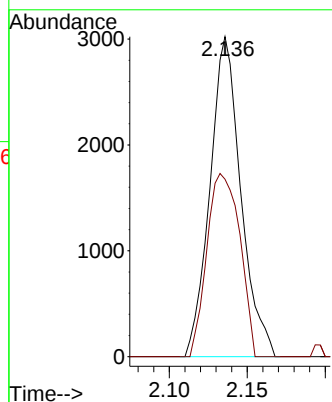
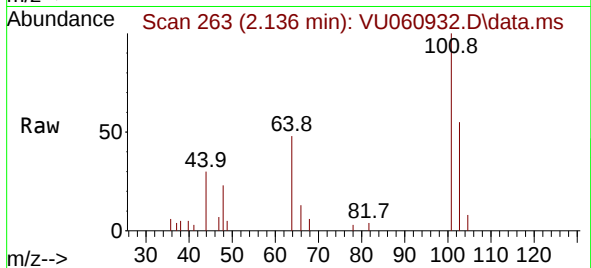




#9
Trichlorofluoromethane
Concen: 0.271 ug/L
RT: 2.136 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060932.D
Acq: 20 Sep 2024 07:29

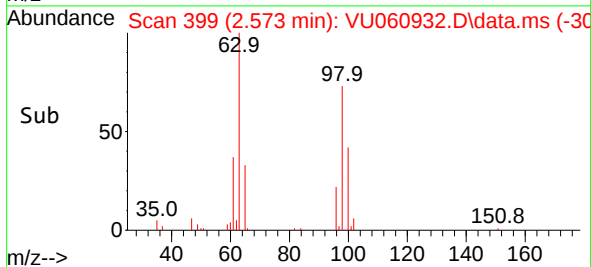
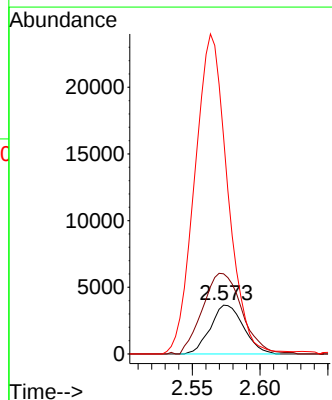
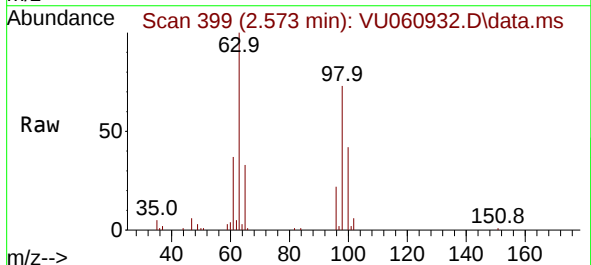
Instrument :
MSVOA_U
ClientSampleId :
C0B28

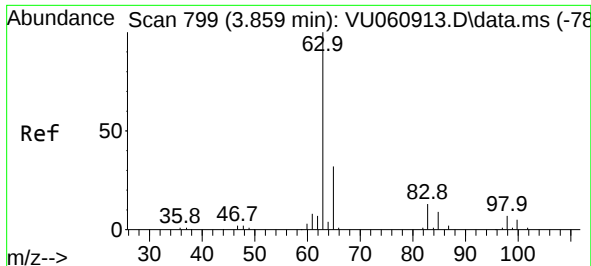
Tgt Ion:101 Resp: 4168
Ion Ratio Lower Upper
101 100
103 60.9 51.4 77.2



#12
1,1-Dichloroethene
Concen: 0.762 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060932.D
Acq: 20 Sep 2024 07:29

Tgt Ion: 96 Resp: 6220
Ion Ratio Lower Upper
96 100
61 164.4 120.7 224.1
63 445.3 90.0 167.2#





#19

1,1-Dichloroethane

Concen: 0.329 ug/L

RT: 3.869 min Scan# 80

Delta R.T. 0.010 min

Lab File: VU060932.D

Acq: 20 Sep 2024 07:29

Instrument :

MSVOA_U

ClientSampleId :

C0B28

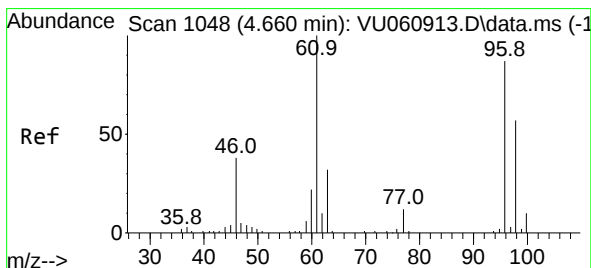
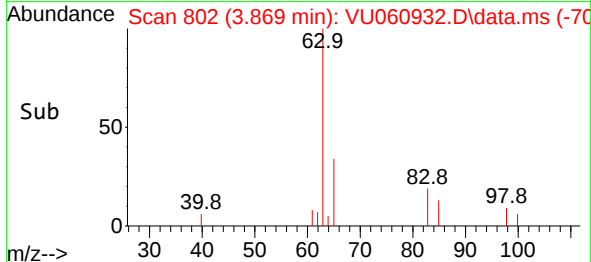
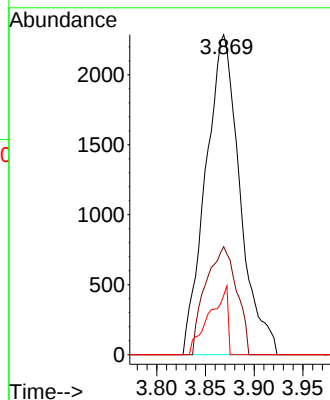
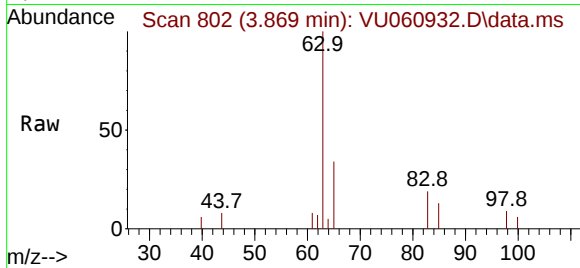
Tgt Ion: 63 Resp: 5582

Ion Ratio Lower Upper

63 100

65 33.8 23.0 42.8

83 18.5 9.0 16.6#



#22

cis-1,2-Dichloroethene

Concen: 1.794 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU060932.D

Acq: 20 Sep 2024 07:29

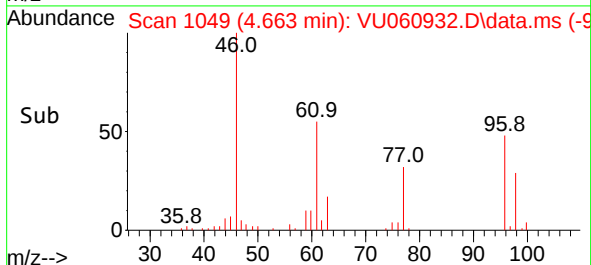
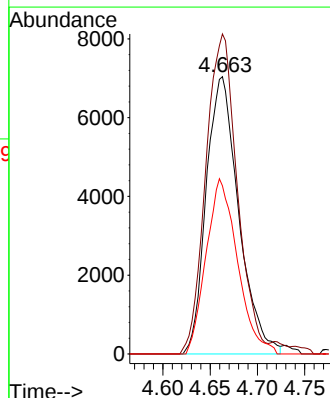
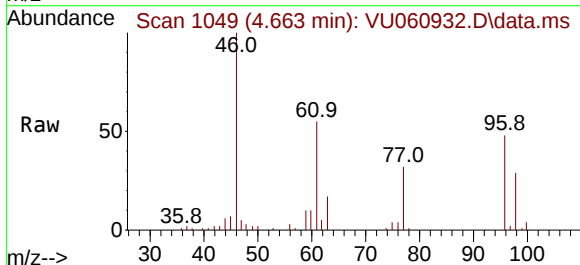
Tgt Ion: 96 Resp: 16786

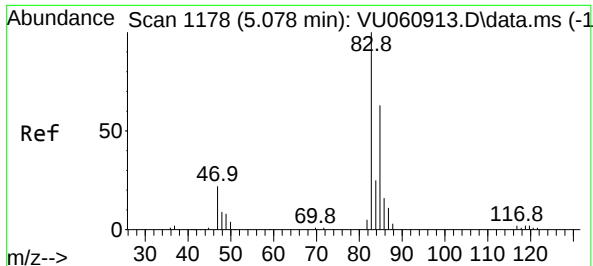
Ion Ratio Lower Upper

96 100

61 115.4 89.7 166.5

98 60.6 45.1 83.9





#25

Chloroform

Concen: 1.089 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060932.D

Acq: 20 Sep 2024 07:29

Instrument :

MSVOA_U

ClientSampleId :

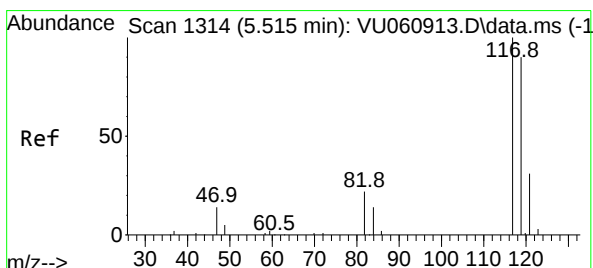
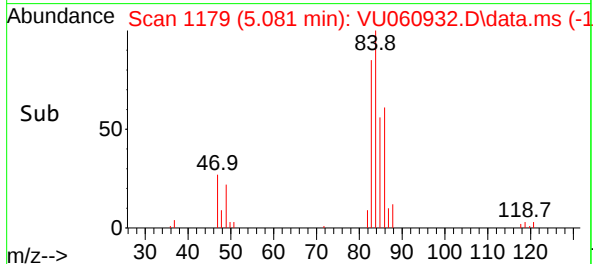
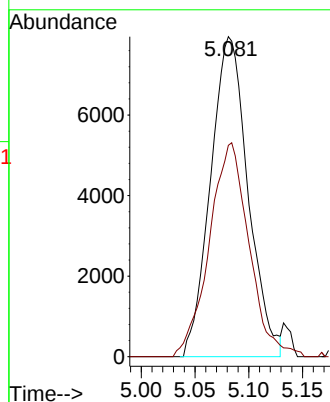
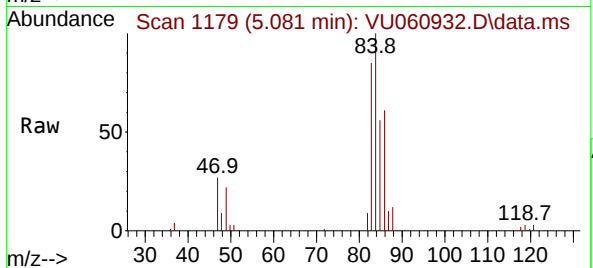
C0B28

Tgt Ion: 83 Resp: 19271

Ion Ratio Lower Upper

83 100

85 66.0 46.8 86.8



#31

Carbon tetrachloride

Concen: 2.491 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.003 min

Lab File: VU060932.D

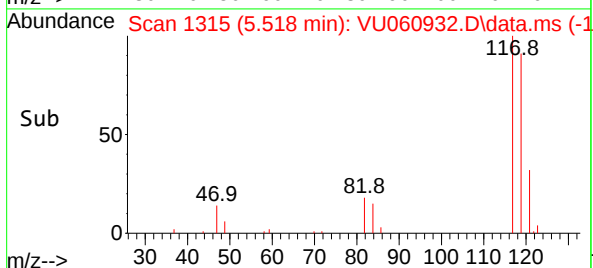
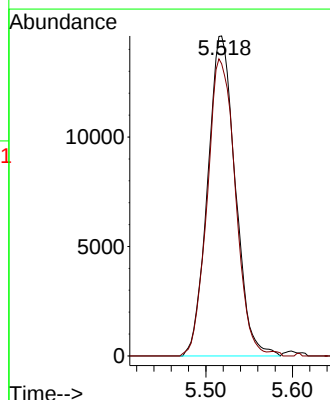
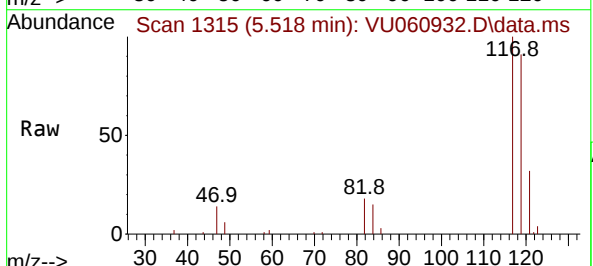
Acq: 20 Sep 2024 07:29

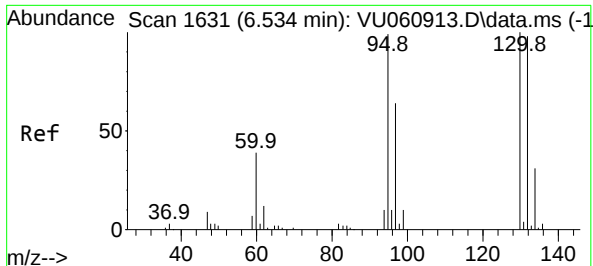
Tgt Ion: 117 Resp: 32472

Ion Ratio Lower Upper

117 100

119 93.9 76.3 114.5



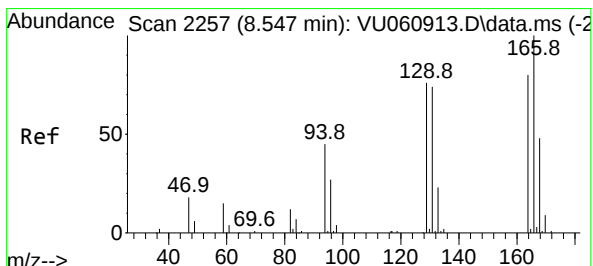
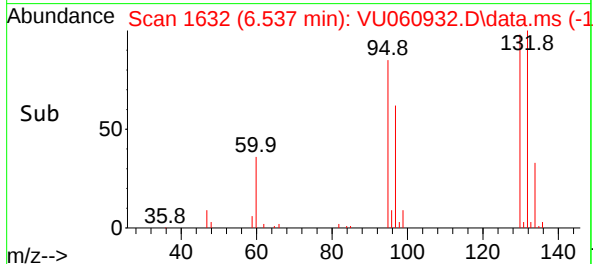
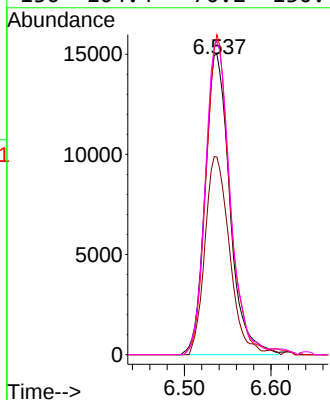
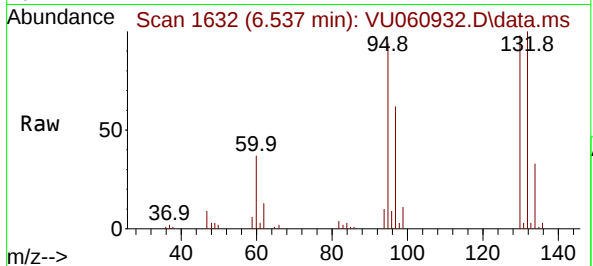


#34
Trichloroethene
Concen: 3.029 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060932.D
Acq: 20 Sep 2024 07:29

Instrument :
MSVOA_U
ClientSampleId :
C0B28

Tgt Ion: 95 Resp: 29773

Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.9	83.5
132	106.5	63.5	117.9
130	104.4	70.2	130.4



#47
Tetrachloroethene
Concen: 1.935 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060932.D
Acq: 20 Sep 2024 07:29

Tgt Ion: 164 Resp: 15116

Ion	Ratio	Lower	Upper
164	100		
129	93.2	67.3	124.9
131	94.0	65.4	121.4
166	125.6	89.5	166.1

