

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081424\
 Data File : VU060445.D
 Acq On : 14 Aug 2024 11:39
 Operator : MD/SY
 Sample : P3583-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COUB9

Quant Time: Aug 14 17:16:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 14 01:18:59 2024
 Response via : Initial Calibration

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

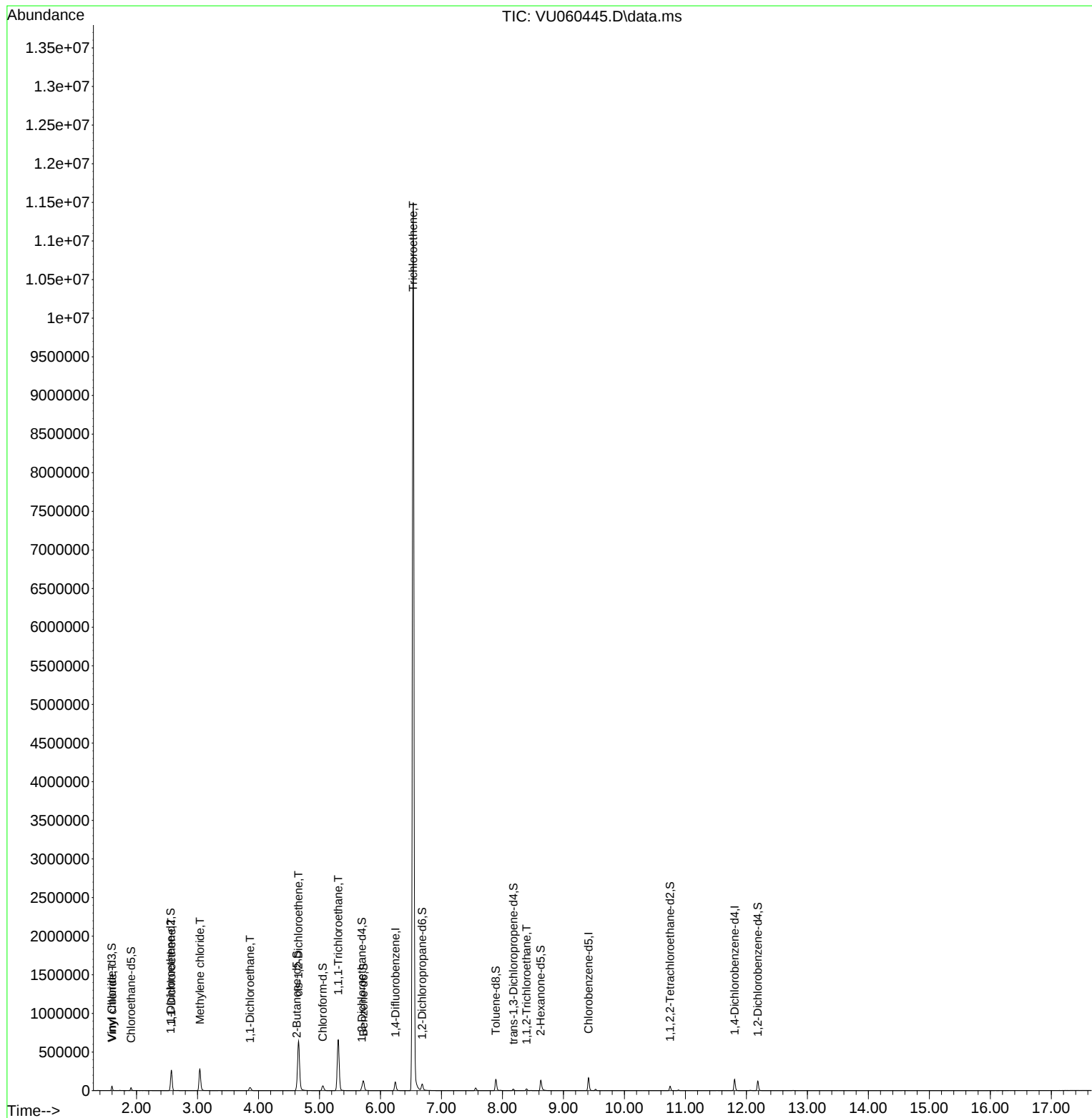
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	97118	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	100686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	43687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	29161	3.825	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.910	69	28718	4.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.560	65	13853	4.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.627	46	64272	39.727	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.460%
24) Chloroform-d	5.055	84	62335	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	5.695	65	30808	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.721	84	125557	4.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.685	67	40991	4.352	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.891	98	106179	3.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.180	79	13158	4.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.627	63	49446	36.592	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	29617	3.832	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	35851	4.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	15615	2.047	ug/L	98
12) 1,1-Dichloroethene	2.573	96	82403	12.868	ug/L #	75
16) Methylene chloride	3.039	84	148890	16.356	ug/L	98
19) 1,1-Dichloroethane	3.862	63	48680	3.753	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	345338	45.538	ug/L	94
29) 1,1,1-Trichloroethane	5.309	97	493348	44.759	ug/L	99
34) Trichloroethene	6.537	95	3998387	526.926	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	7502	1.242	ug/L	94

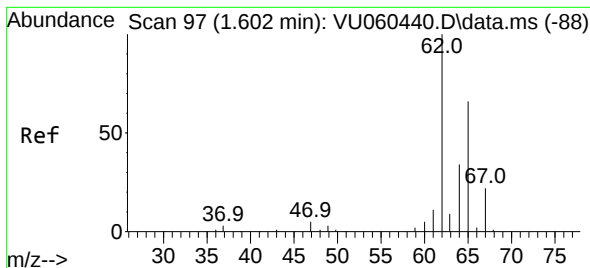
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C0UB9

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 14 01:18:59 2024
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#5

Vinyl chloride

Concen: 2.047 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060445.D

Acq: 14 Aug 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

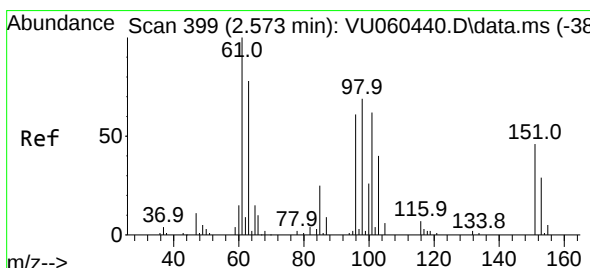
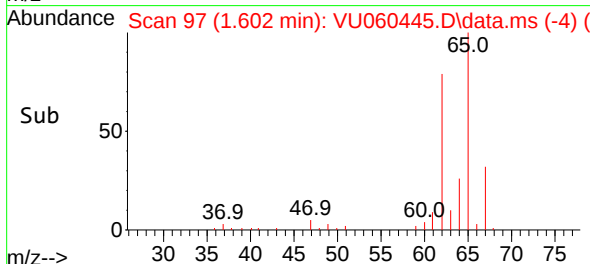
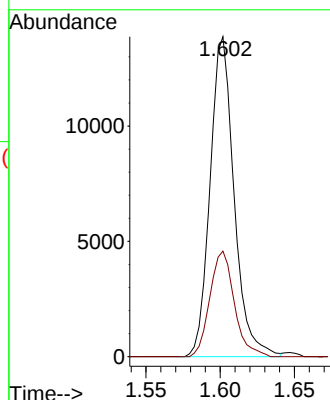
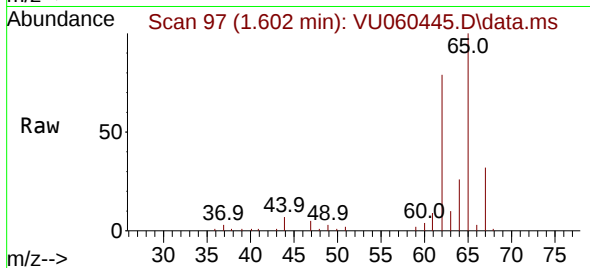
C0UB9

Tgt Ion: 62 Resp: 15615

Ion Ratio Lower Upper

62 100

64 33.0 24.1 44.7



#12

1,1-Dichloroethene

Concen: 12.868 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU060445.D

Acq: 14 Aug 2024 11:39

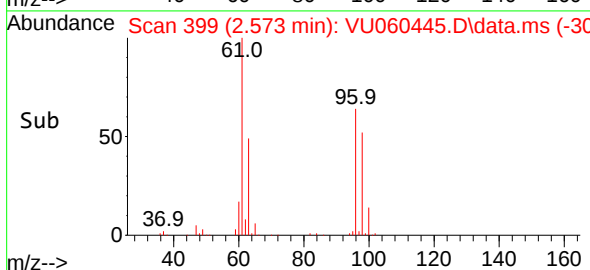
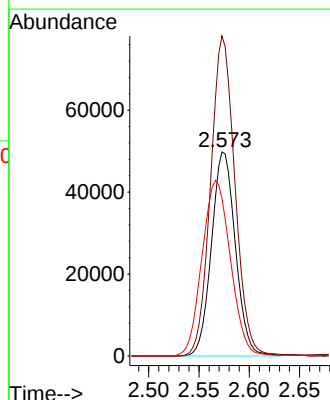
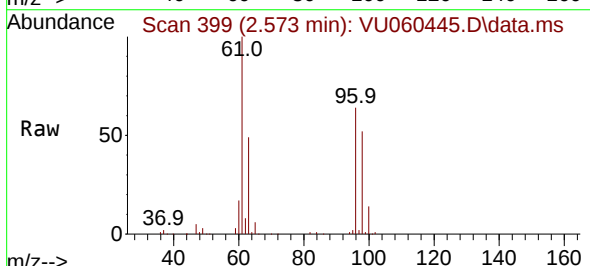
Tgt Ion: 96 Resp: 82403

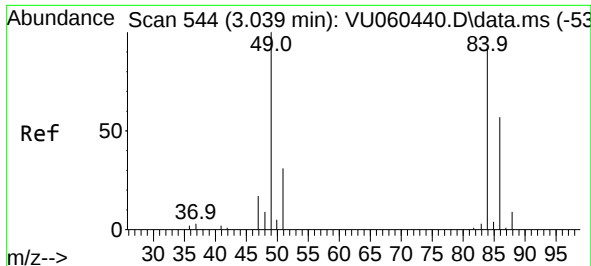
Ion Ratio Lower Upper

96 100

61 156.9 114.4 212.4

63 77.2 96.0 178.4#

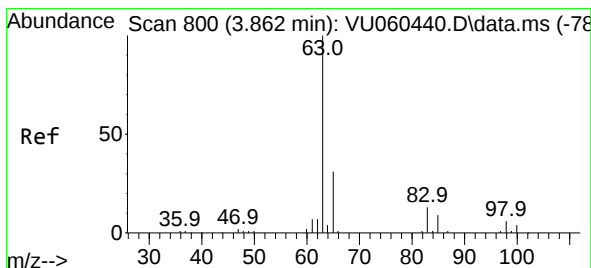
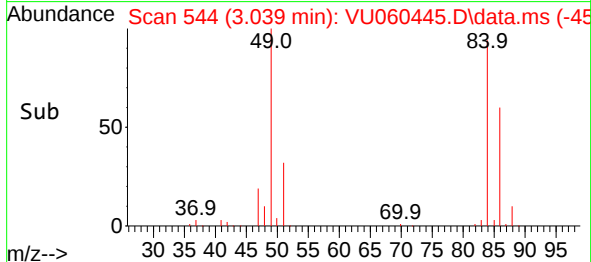
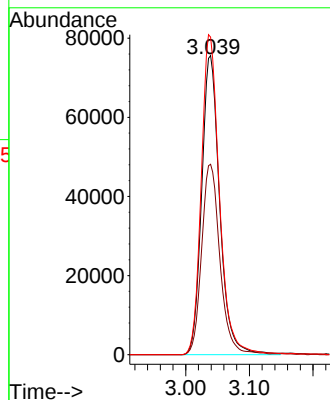
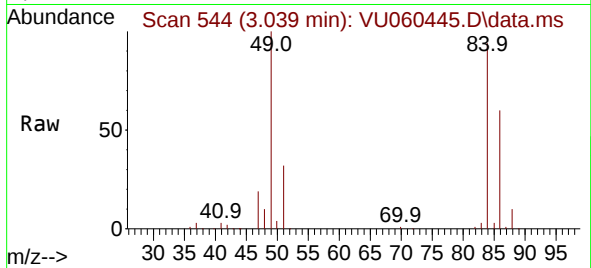




#16
Methylene chloride
Concen: 16.356 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060445.D
Acq: 14 Aug 2024 11:39

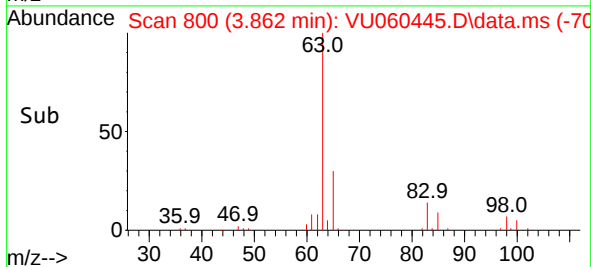
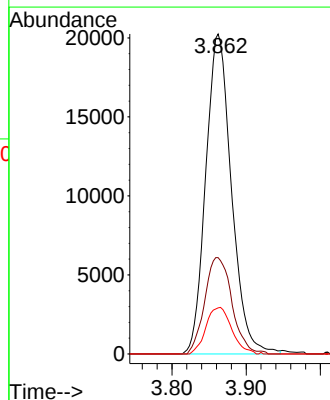
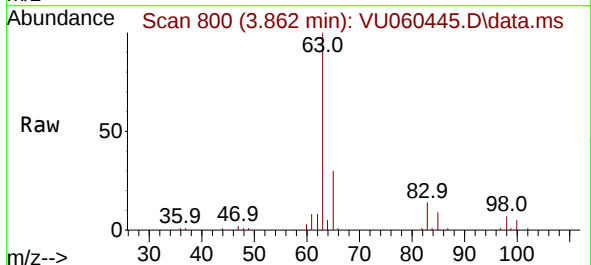
Instrument :
MSVOA_U
ClientSampleId :
C0UB9

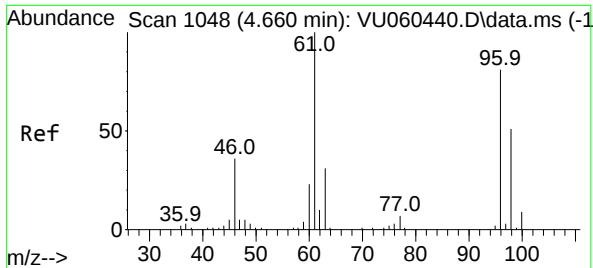
Tgt Ion: 84 Resp: 148890
Ion Ratio Lower Upper
84 100
86 63.6 47.1 87.5
49 106.2 73.9 137.3



#19
1,1-Dichloroethane
Concen: 3.753 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU060445.D
Acq: 14 Aug 2024 11:39

Tgt Ion: 63 Resp: 48680
Ion Ratio Lower Upper
63 100
65 30.1 22.2 41.2
83 14.4 9.1 16.9

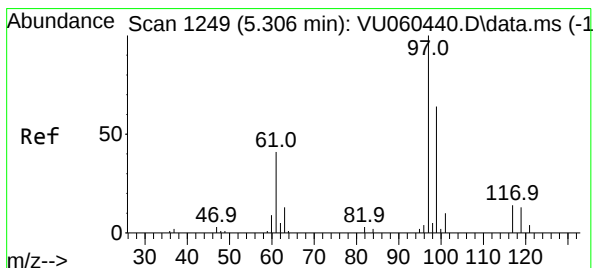
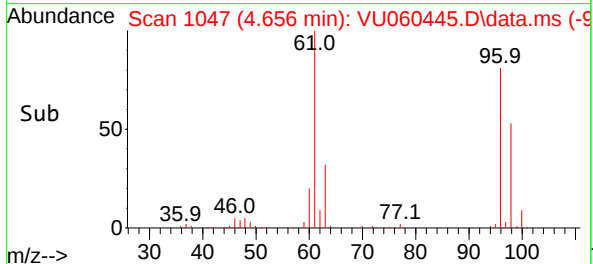
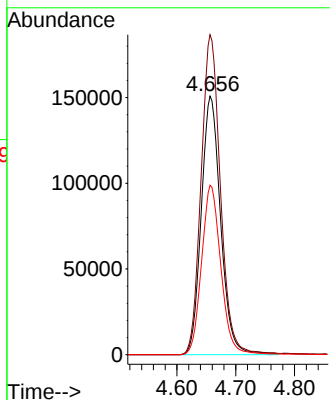
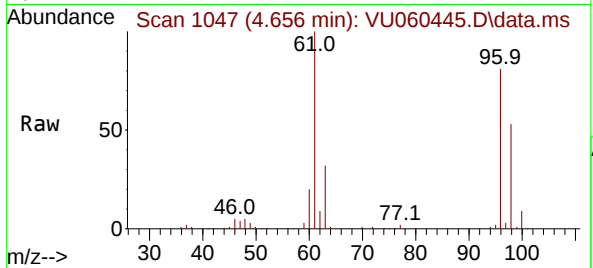




#22
 cis-1,2-Dichloroethene
 Concen: 45.538 ug/L
 RT: 4.656 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU060445.D
 Acq: 14 Aug 2024 11:39

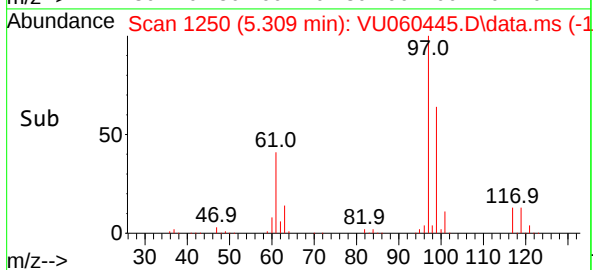
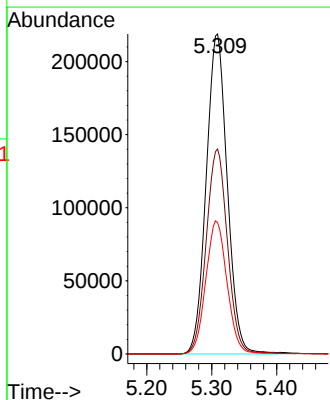
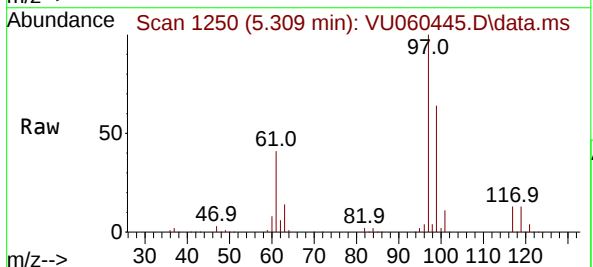
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 MSVOA_U
 ClientSampleId :
 COUB9

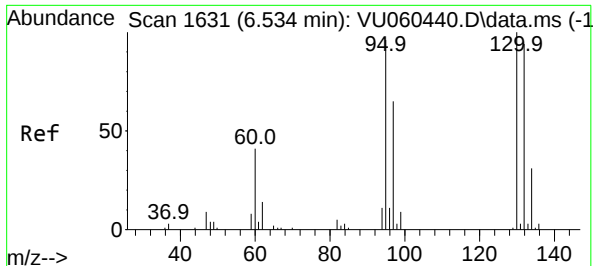
Tgt Ion:	96	Resp:	345338
Ion	Ratio	Lower	Upper
96	100		
61	123.8	81.5	151.5
98	65.6	43.5	80.7



#29
 1,1,1-Trichloroethane
 Concen: 44.759 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.003 min
 Lab File: VU060445.D
 Acq: 14 Aug 2024 11:39

Tgt Ion:	97	Resp:	493348
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	41.9	33.0	49.6



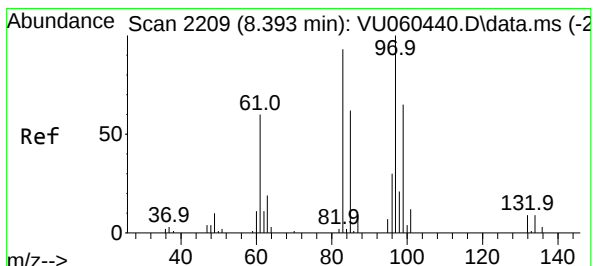
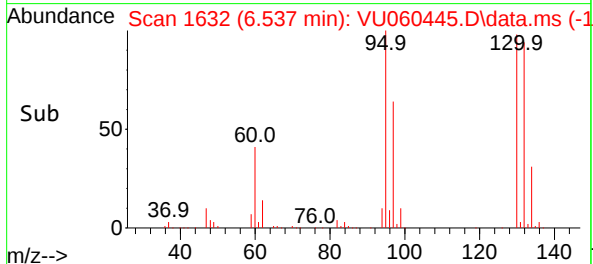
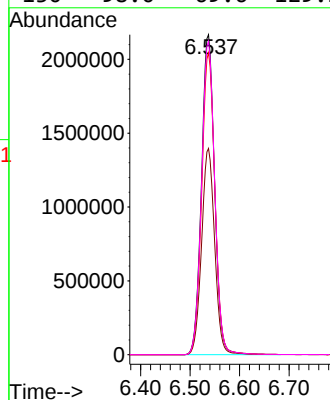
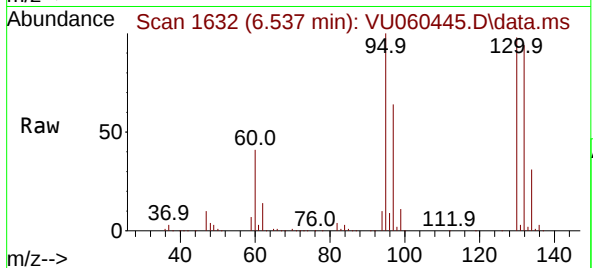


#34
Trichloroethene
Concen: 526.926 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060445.D
Acq: 14 Aug 2024 11:39

Instrument :
MSVOA_U
ClientSampleId :
C0UB9

Tgt Ion: 95 Resp: 3998387

Ion	Ratio	Lower	Upper
95	100		
97	64.4	43.6	81.0
132	94.4	67.1	124.5
130	98.0	69.6	129.2



#45
1,1,2-Trichloroethane
Concen: 1.242 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU060445.D
Acq: 14 Aug 2024 11:39

Tgt Ion: 97 Resp: 7502

Ion	Ratio	Lower	Upper
97	100		
99	64.1	45.8	85.0
83	98.0	61.7	114.5
85	60.7	40.7	75.7

