

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121024\
 Data File : VU062207.D
 Acq On : 10 Dec 2024 14:55
 Operator : MD/SY
 Sample : P5107-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 03:44:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 11 03:43:25 2024
 Response via : Initial Calibration

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

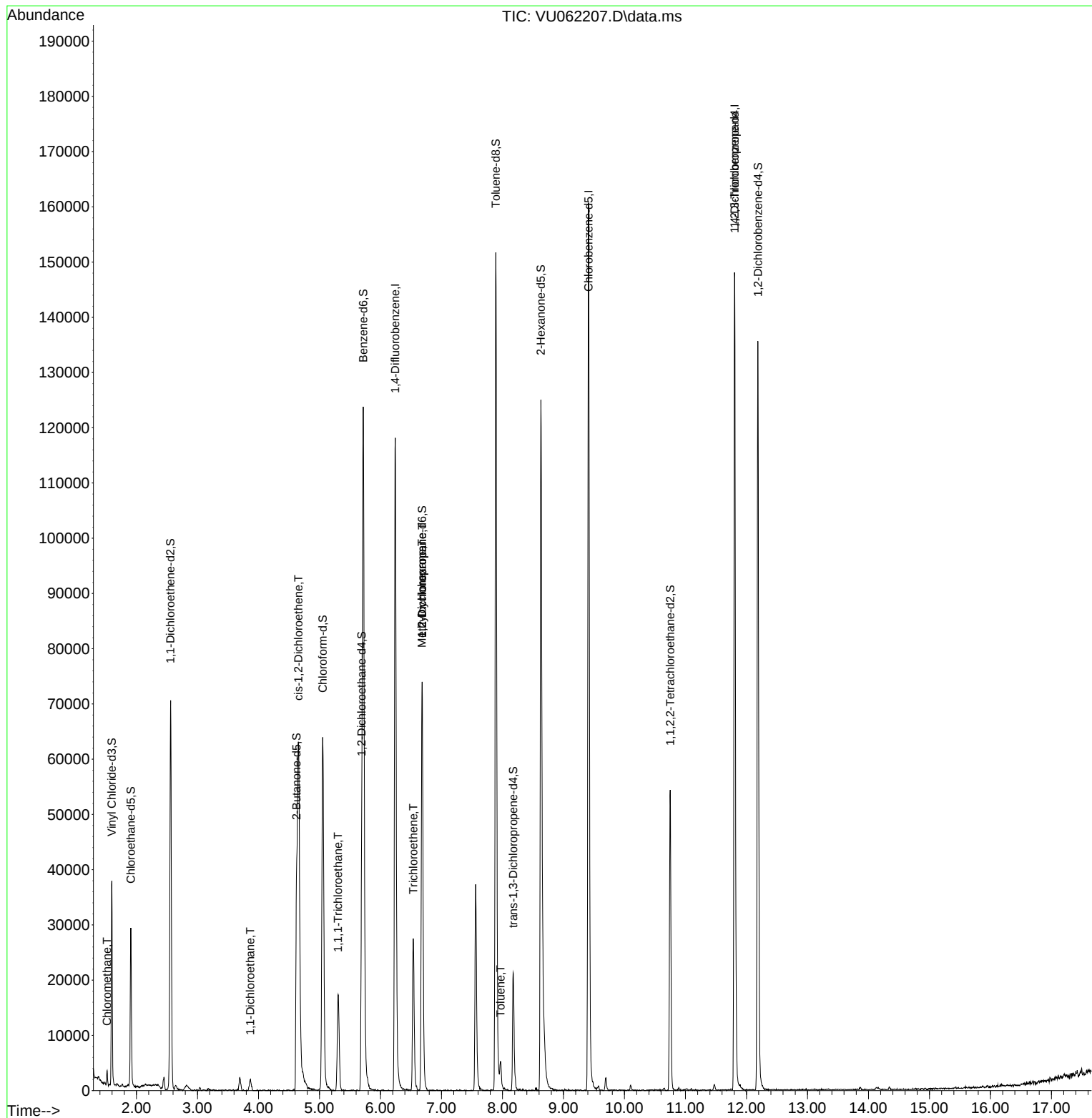
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	100828	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	95144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	43651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26116	3.840	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.907	69	20602	4.259	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.557	65	12797	3.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.624	46	57255	43.928	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.860%
24) Chloroform-d	5.052	84	65690	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.692	65	35093	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.718	84	117865	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.682	67	35122	4.479	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.891	98	107237	4.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.174	79	14579	4.224	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.631	63	45240	43.450	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	26018	4.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	38001	4.724	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	1475	0.199	ug/L	97
19) 1,1-Dichloroethane	3.866	63	2952	0.230	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	29928	3.817	ug/L	93
29) 1,1,1-Trichloroethane	5.303	97	13731	1.026	ug/L	95
34) Trichloroethene	6.538	95	10307	1.234	ug/L	92
35) Methylcyclohexane	6.679	83	9123	0.737	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	4152	0.578	ug/L #	87
42) Toluene	7.968	91	4436	0.140	ug/L	93
61) 1,2,3-Trichloropropane	11.804	75	4521	1.120	ug/L #	66

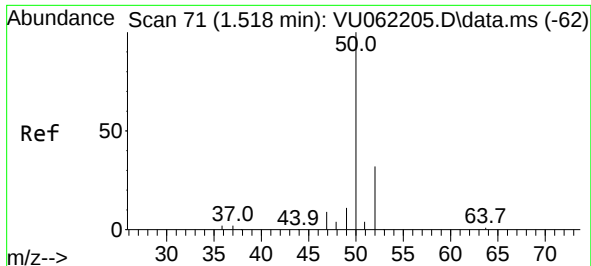
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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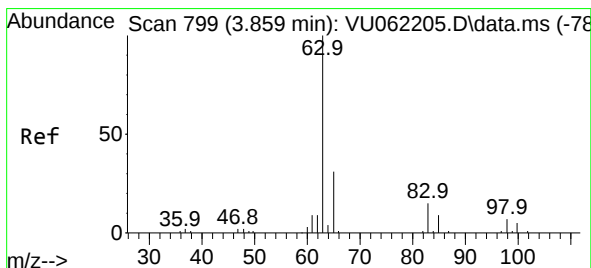
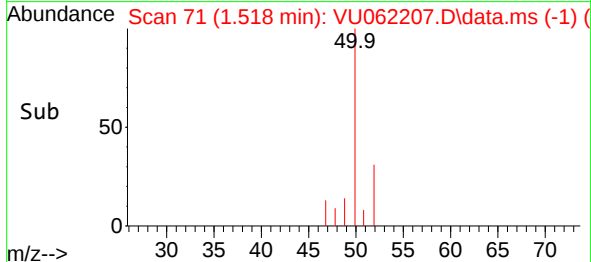
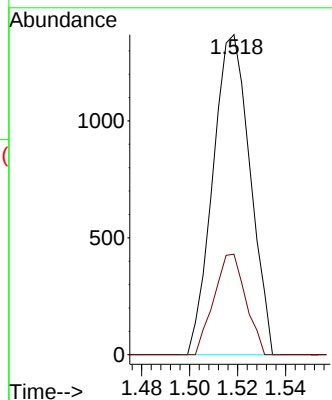
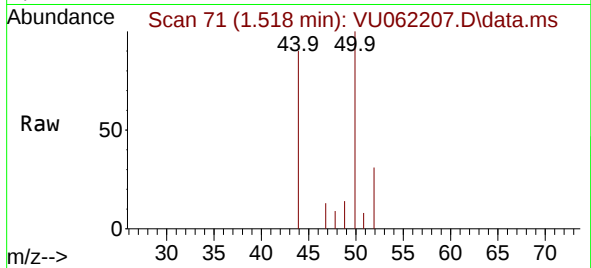




#3
Chloromethane
Concen: 0.199 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU062207.D
Acq: 10 Dec 2024 14:55

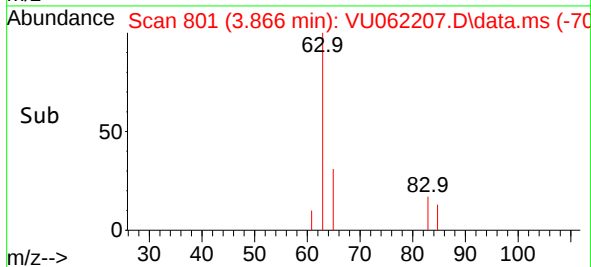
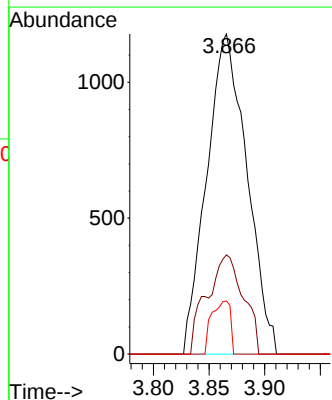
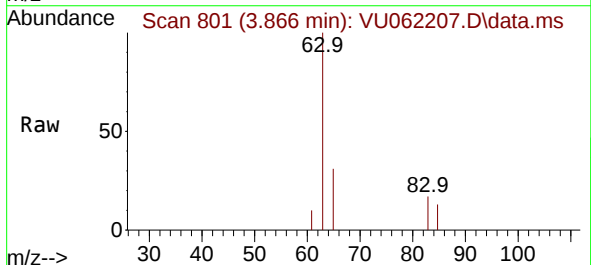
Instrument :
MSVOA_U
ClientSampleId :

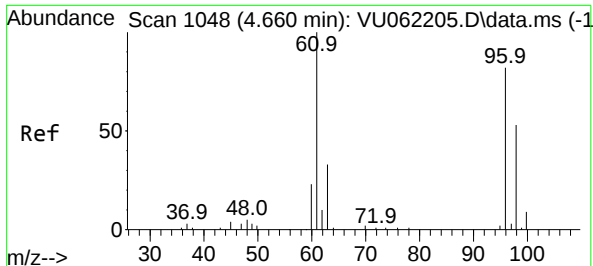
Tgt Ion: 50 Resp: 1475
Ion Ratio Lower Upper
50 100
52 31.4 23.1 42.9



#19
1,1-Dichloroethane
Concen: 0.230 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.007 min
Lab File: VU062207.D
Acq: 10 Dec 2024 14:55

Tgt Ion: 63 Resp: 2952
Ion Ratio Lower Upper
63 100
65 31.0 22.7 42.3
83 16.6 9.9 18.3





#22

cis-1,2-Dichloroethene

Concen: 3.817 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU062207.D

Acq: 10 Dec 2024 14:55

Instrument :

MSVOA_U

ClientSampleId :

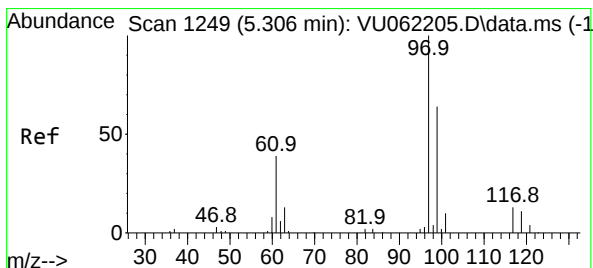
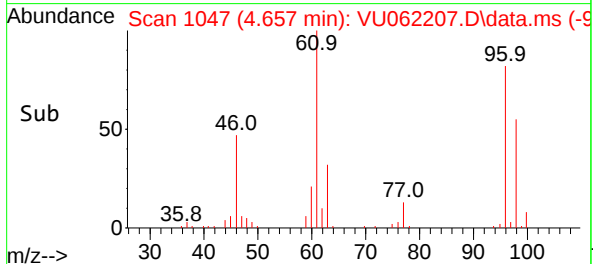
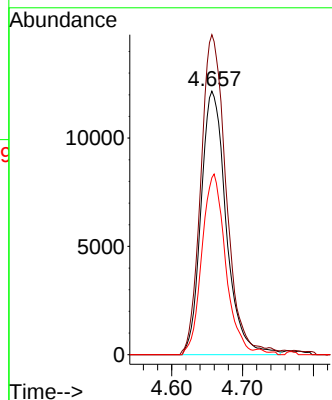
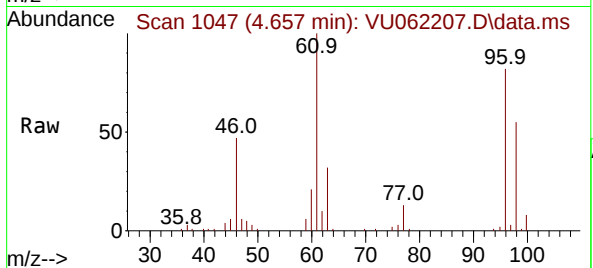
Tgt Ion: 96 Resp: 29928

Ion Ratio Lower Upper

96 100

61 121.4 92.0 170.8

98 67.2 44.5 82.7



#29

1,1,1-Trichloroethane

Concen: 1.026 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.003 min

Lab File: VU062207.D

Acq: 10 Dec 2024 14:55

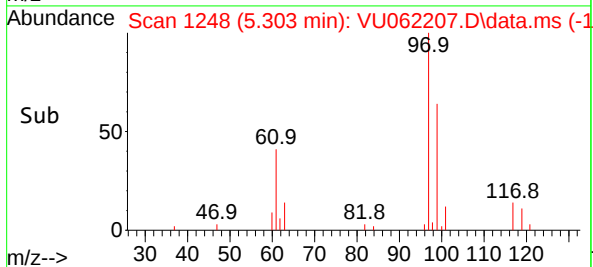
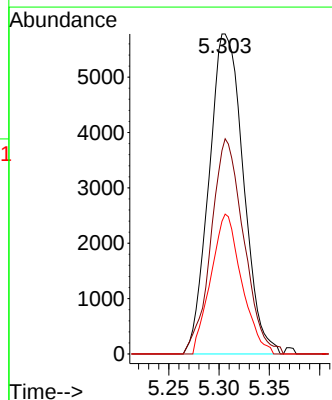
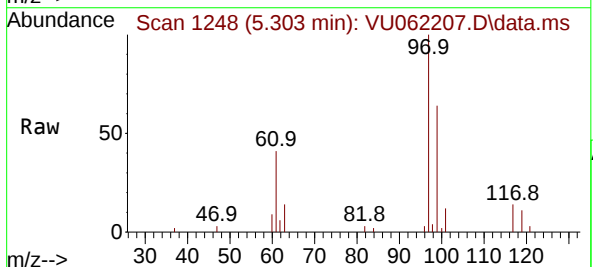
Tgt Ion: 97 Resp: 13731

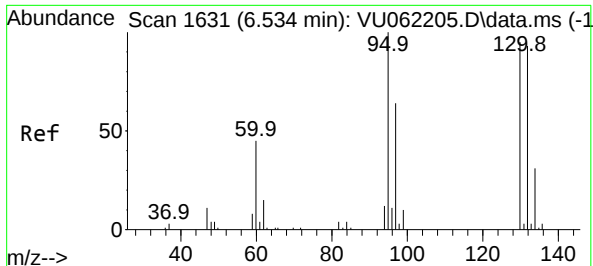
Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.2

61 39.1 37.8 56.6





#34

Trichloroethene

Concen: 1.234 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

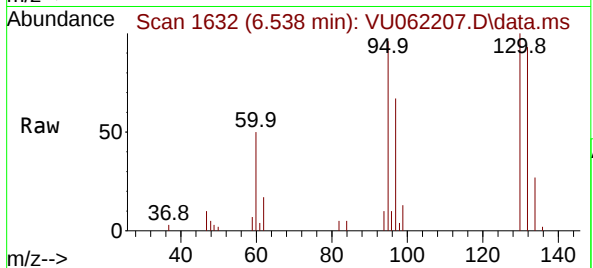
Lab File: VU062207.D

Acq: 10 Dec 2024 14:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 10307

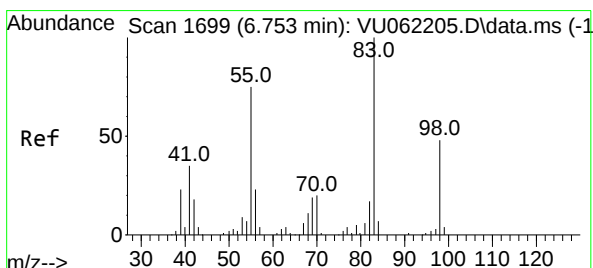
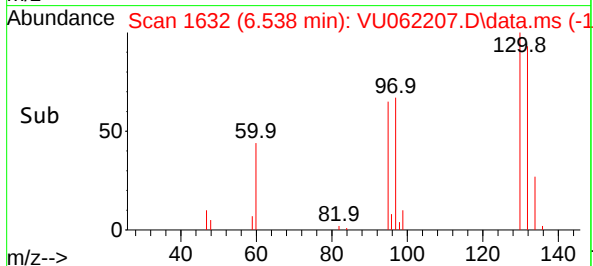
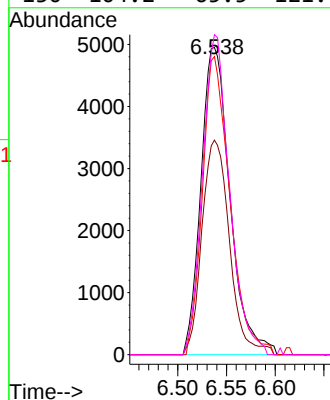
Ion	Ratio	Lower	Upper
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95	100		
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97	69.8	45.9	85.3
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132	97.0	63.8	118.4
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130	104.2	65.5	121.7
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#35

Methylcyclohexane

Concen: 0.737 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062207.D

Acq: 10 Dec 2024 14:55

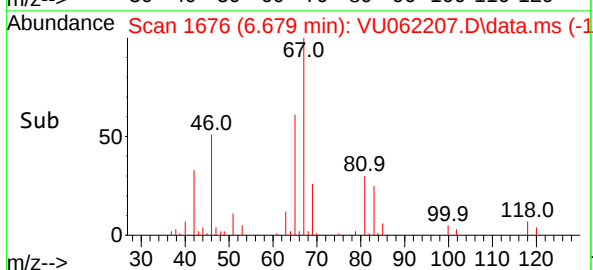
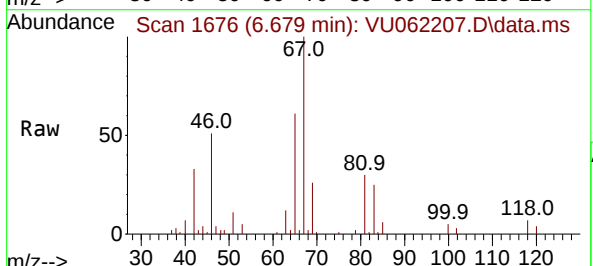
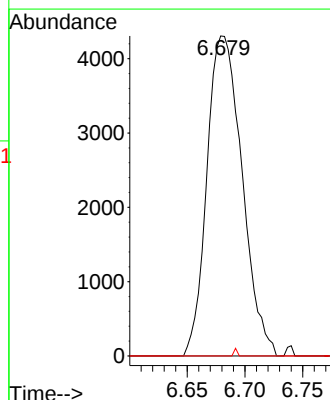
Tgt Ion: 83 Resp: 9123

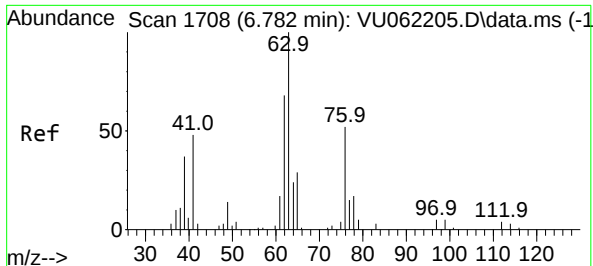
Ion	Ratio	Lower	Upper
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83	100		
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55	0.0	60.7	91.1#
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98	2.6	34.8	52.2#
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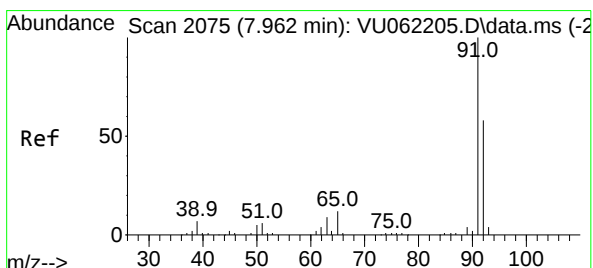
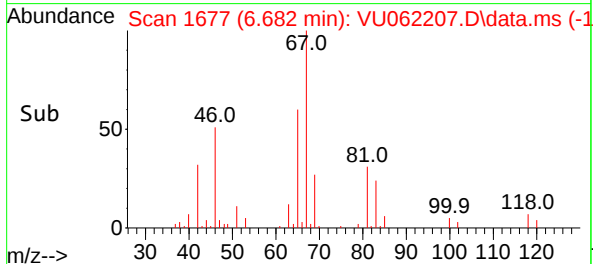
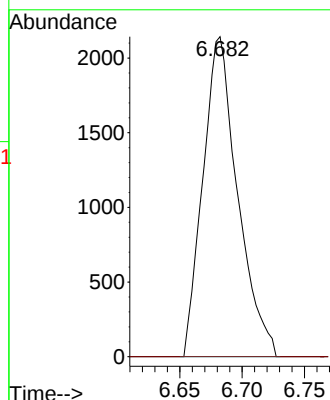
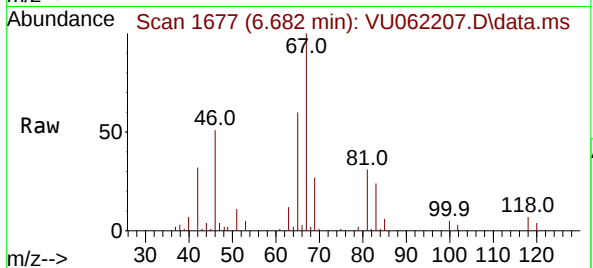




#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062207.D
Acq: 10 Dec 2024 14:55

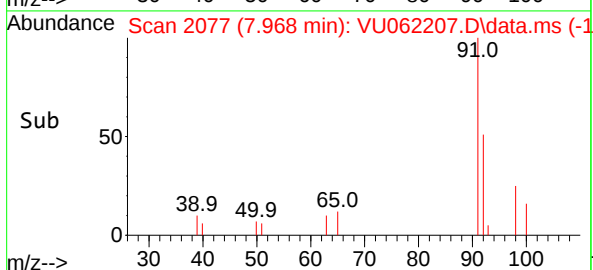
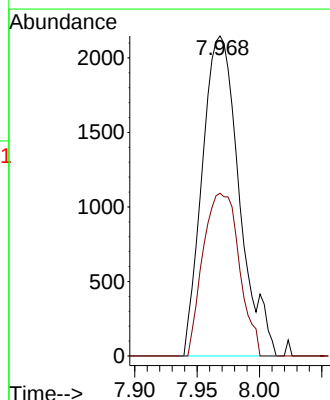
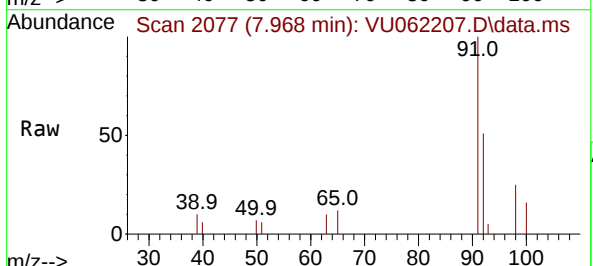
Instrument :
MSVOA_U
ClientSampleId :

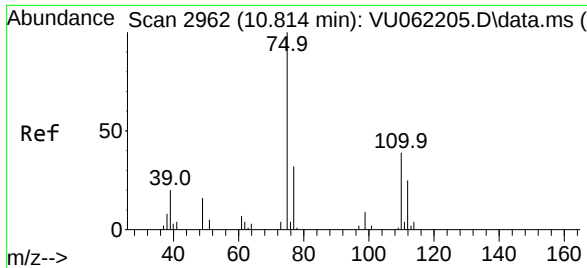
Tgt Ion: 63 Resp: 4152
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.140 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VU062207.D
Acq: 10 Dec 2024 14:55

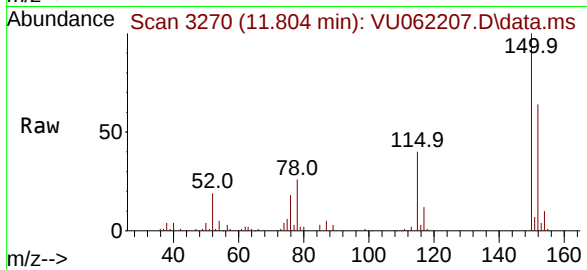
Tgt Ion: 91 Resp: 4436
Ion Ratio Lower Upper
91 100
92 50.9 39.0 72.4





#61
1,2,3-Trichloropropane
Concen: 1.120 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU062207.D
Acq: 10 Dec 2024 14:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.9	28.9	43.3#
77	36.1	26.5	39.7

