

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121024\
 Data File : VU062208.D
 Acq On : 10 Dec 2024 15:20
 Operator : MD/SY
 Sample : P5107-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 03:44:34 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)

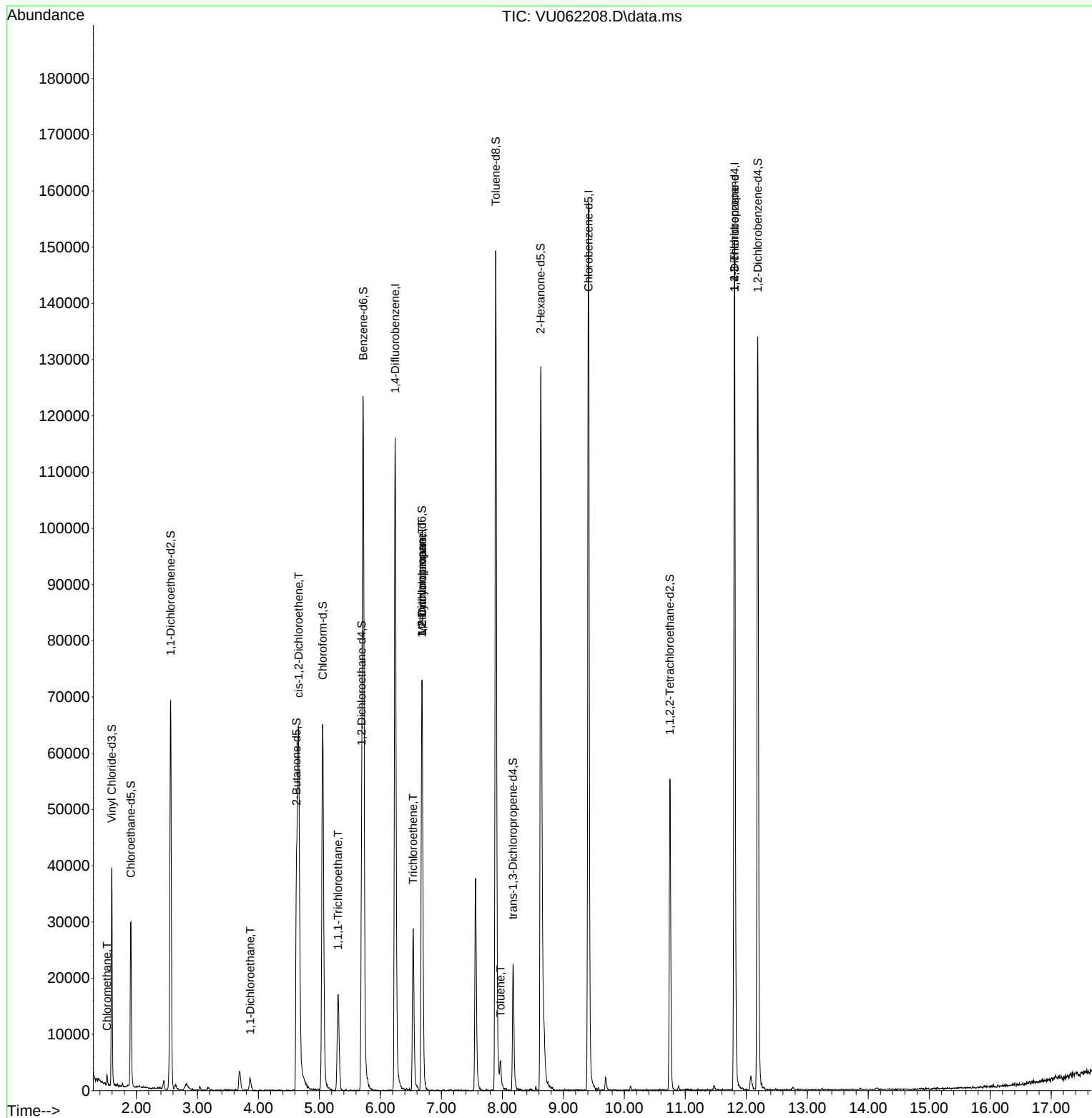
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	99003	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	93861	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	43312	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26616	3.986	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.907	69	20363	4.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.560	65	13412	4.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.624	46	59537	46.521	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.040%
24) Chloroform-d	5.052	84	64556	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.692	65	34498	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.718	84	119075	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.679	67	35227	4.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.891	98	106070	4.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.174	79	14801	4.347	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.627	63	44859	43.673	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.340%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27792	4.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	38585	4.834	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	1452	0.200	ug/L	90
19) 1,1-Dichloroethane	3.866	63	3113	0.247	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	30077	3.907	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	14283	1.082	ug/L #	88
34) Trichloroethene	6.538	95	10482	1.272	ug/L	95
35) Methylcyclohexane	6.682	83	9072	0.743	ug/L #	24
37) 1,2-Dichloropropane	6.682	63	4044	0.571	ug/L #	87
42) Toluene	7.968	91	4556	0.145	ug/L	90
61) 1,2,3-Trichloropropane	11.804	75	4598	1.148	ug/L #	68

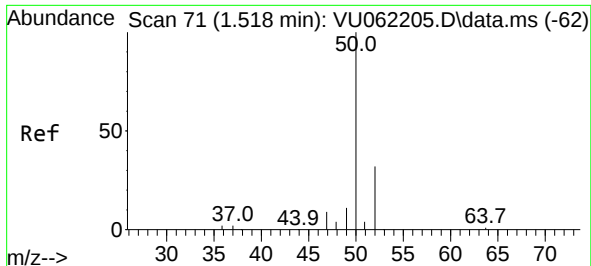
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

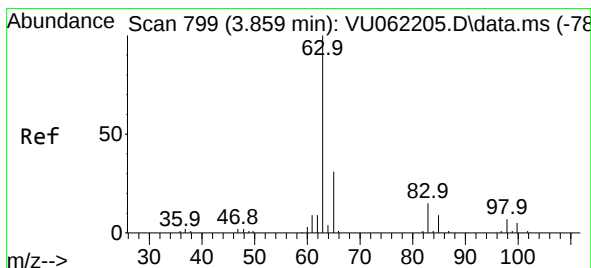
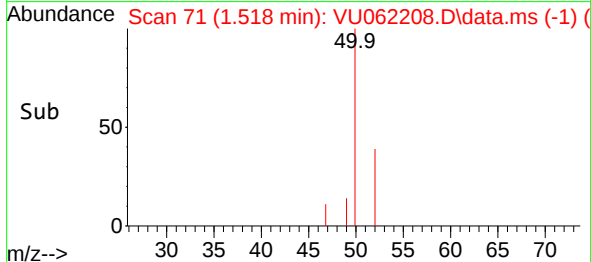
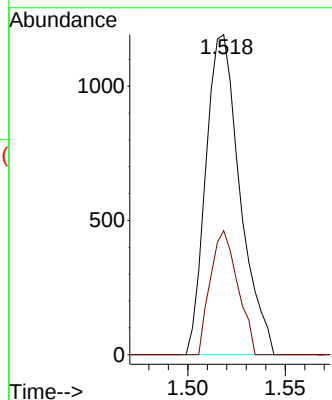
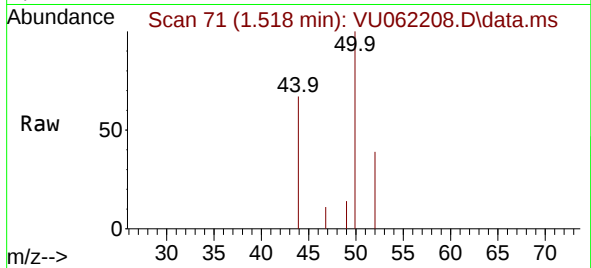




#3
Chloromethane
Concen: 0.200 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU062208.D
Acq: 10 Dec 2024 15:20

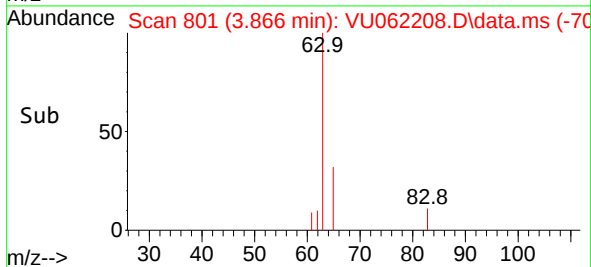
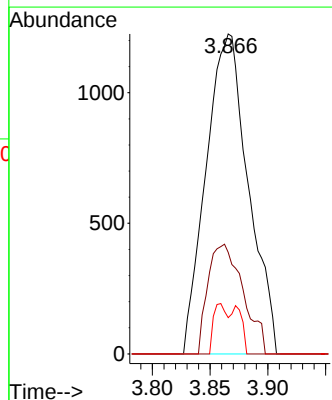
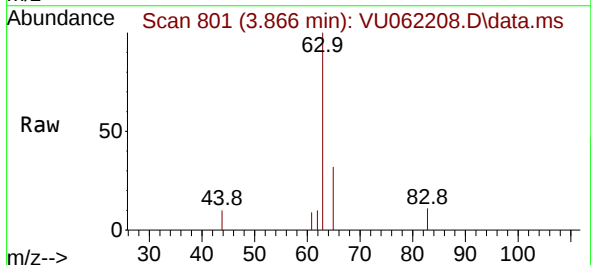
Instrument :
MSVOA_U
ClientSampleId :

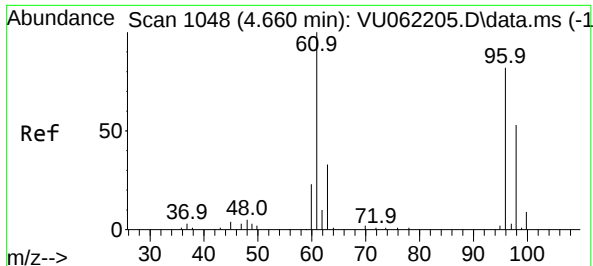
Tgt Ion: 50 Resp: 1452
Ion Ratio Lower Upper
50 100
52 38.8 23.1 42.9



#19
1,1-Dichloroethane
Concen: 0.247 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.007 min
Lab File: VU062208.D
Acq: 10 Dec 2024 15:20

Tgt Ion: 63 Resp: 3113
Ion Ratio Lower Upper
63 100
65 31.8 22.7 42.3
83 11.3 9.9 18.3

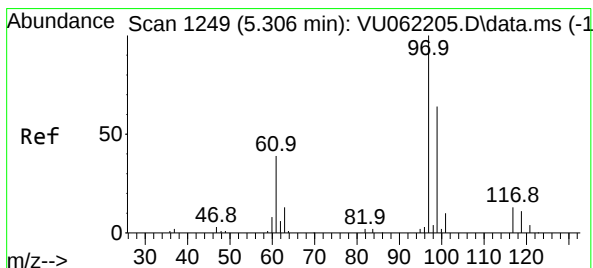
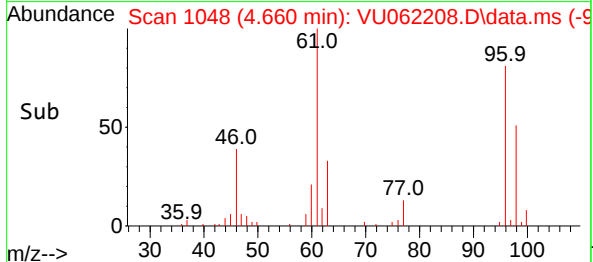
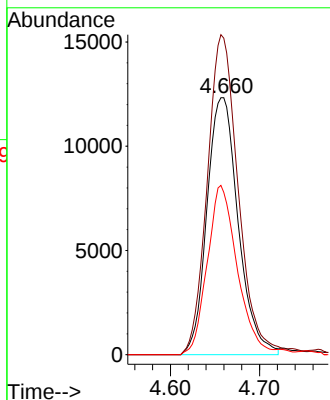
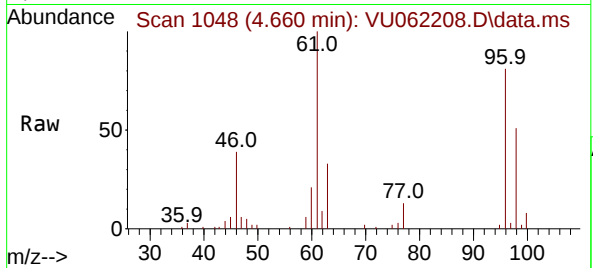




#22
 cis-1,2-Dichloroethene
 Concen: 3.907 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU062208.D
 Acq: 10 Dec 2024 15:20

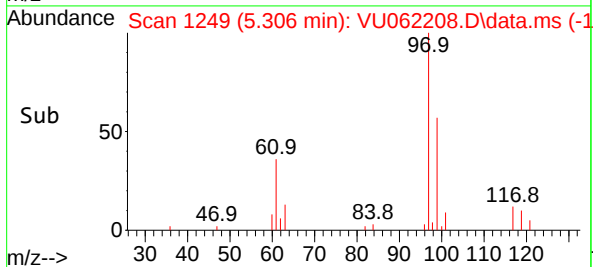
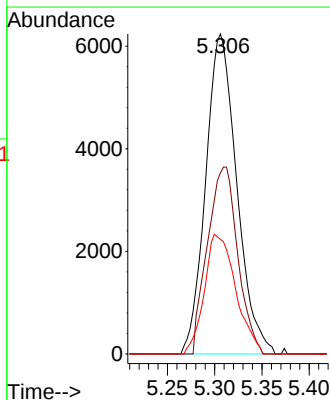
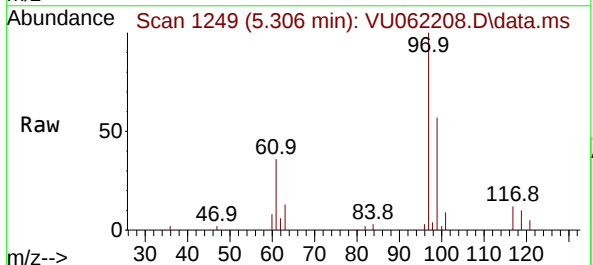
Instrument :
 MSVOA_U
 ClientSampleId :

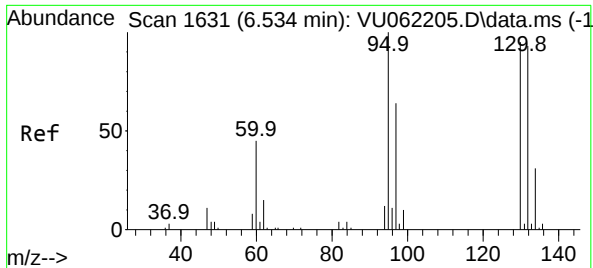
Tgt Ion: 96 Resp: 30077
 Ion Ratio Lower Upper
 96 100
 61 123.1 92.0 170.8
 98 63.2 44.5 82.7



#29
 1,1,1-Trichloroethane
 Concen: 1.082 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.000 min
 Lab File: VU062208.D
 Acq: 10 Dec 2024 15:20

Tgt Ion: 97 Resp: 14283
 Ion Ratio Lower Upper
 97 100
 99 56.7 51.4 77.2
 61 37.6 37.8 56.6#

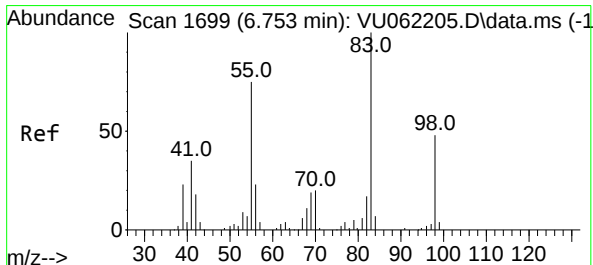
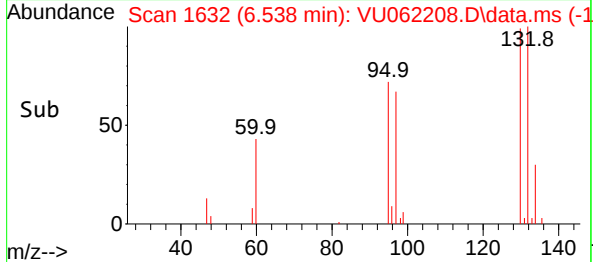
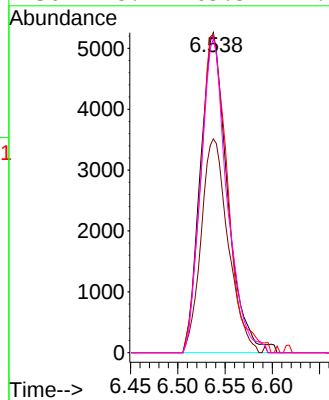
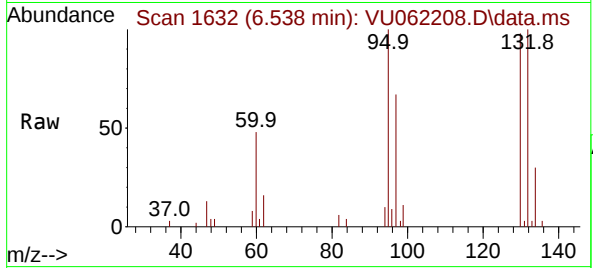




#34
Trichloroethene
Concen: 1.272 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU062208.D
Acq: 10 Dec 2024 15:20

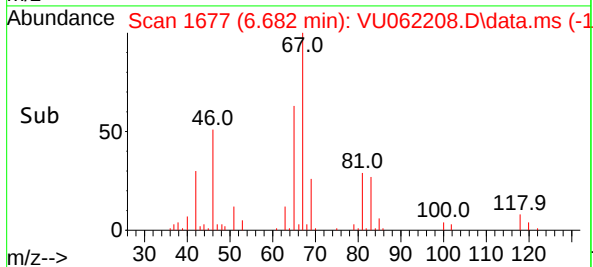
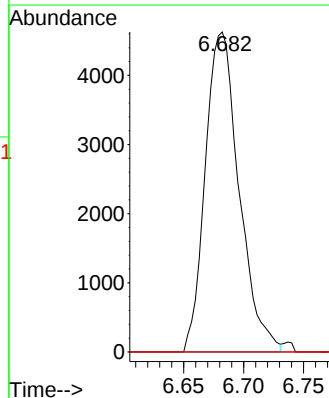
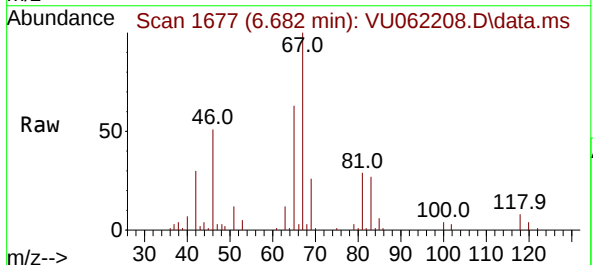
Instrument :
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ClientSampleId :

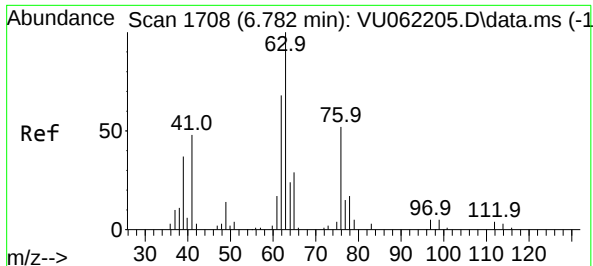
Tgt Ion:	95	Resp:	10482
Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.9	85.3
132	99.6	63.8	118.4
130	98.2	65.5	121.7



#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062208.D
Acq: 10 Dec 2024 15:20

Tgt Ion:	83	Resp:	9072
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.7	91.1#
98	9.1	34.8	52.2#

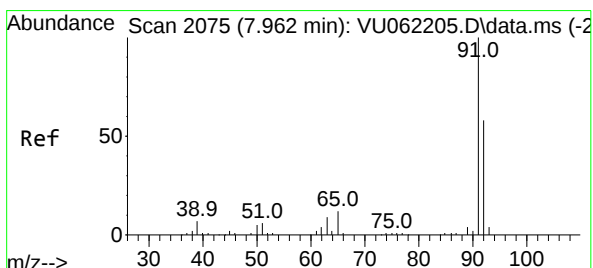
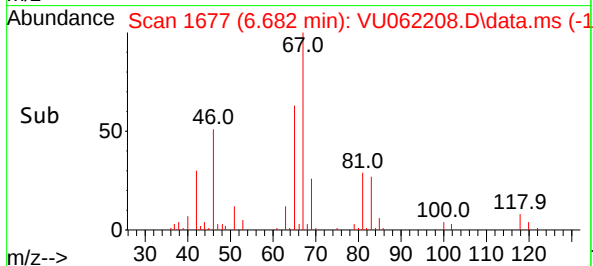
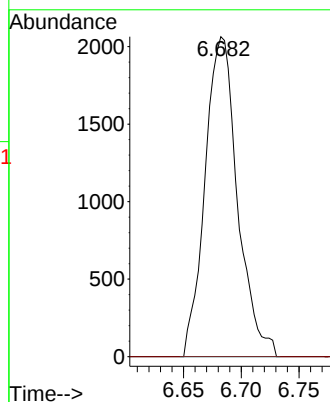
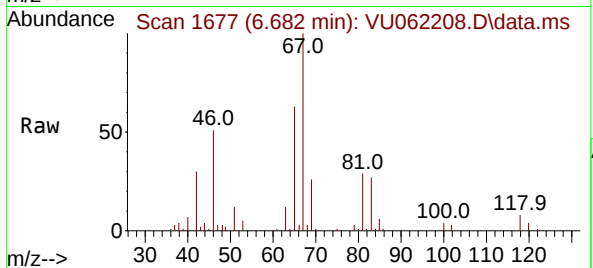




#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062208.D
Acq: 10 Dec 2024 15:20

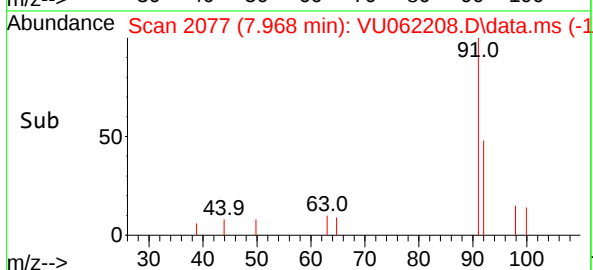
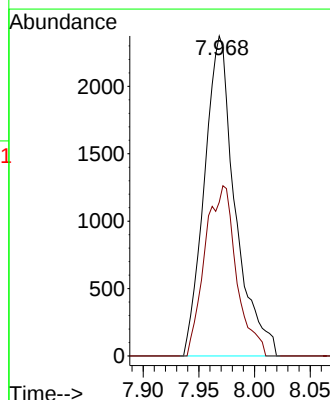
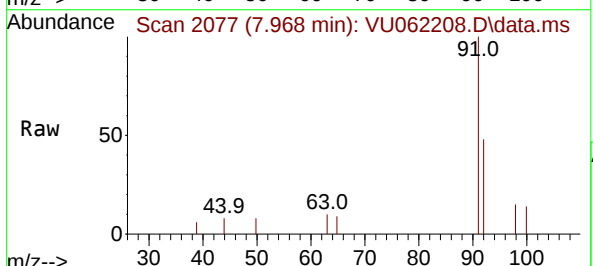
Instrument :
MSVOA_U
ClientSampleId :

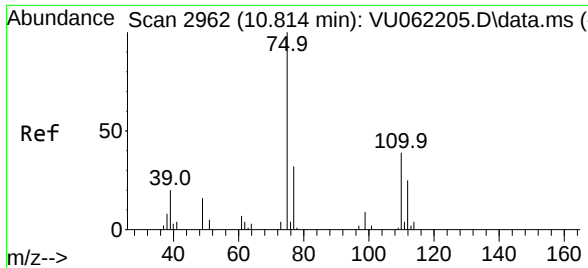
Tgt Ion: 63 Resp: 4044
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.145 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VU062208.D
Acq: 10 Dec 2024 15:20

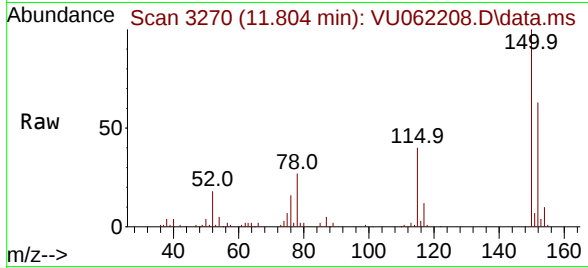
Tgt Ion: 91 Resp: 4556
Ion Ratio Lower Upper
91 100
92 48.1 39.0 72.4





#61
 1,2,3-Trichloropropane
 Concen: 1.148 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062208.D
 Acq: 10 Dec 2024 15:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4598
 Ion Ratio Lower Upper
 75 100
 110 0.9 28.9 43.3#
 77 31.9 26.5 39.7

