

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
 Data File : VU062147.D
 Acq On : 06 Dec 2024 21:23
 Operator : MD/SY
 Sample : P5107-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 01:02:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

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

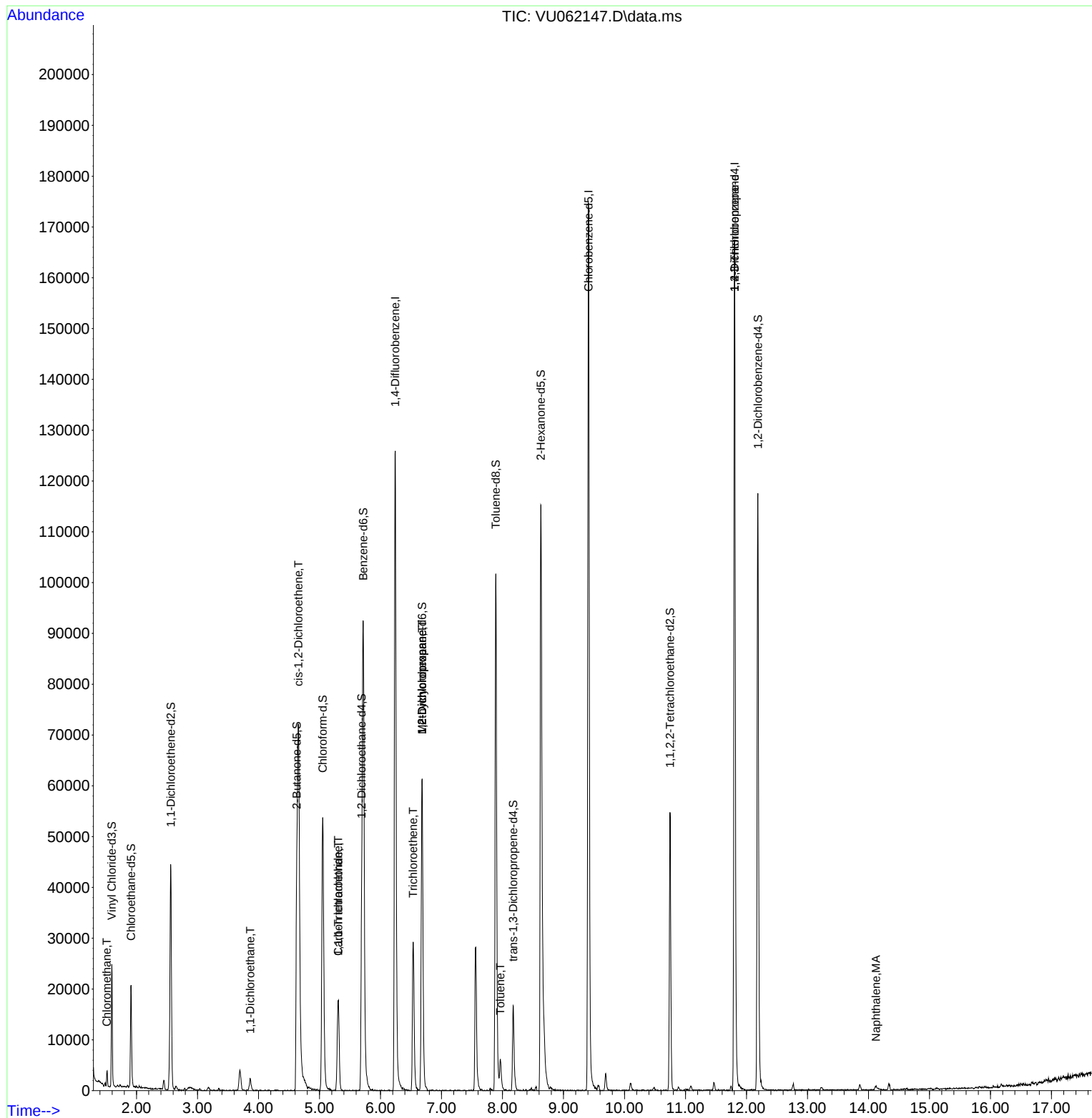
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	107991	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101874	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47837	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	16314	3.080	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.911	69	14323	3.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.200%#
11) 1,1-Dichloroethene-d2	2.563	65	8447	3.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.627	46	60065	36.109	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.220%
24) Chloroform-d	5.052	84	54141	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.692	65	29447	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.717	84	88595	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.682	67	30145	4.470	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.891	98	72872	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.177	79	11528	4.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.627	63	42033	36.883	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.760%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26220	3.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	33442	4.728	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2003	0.206	ug/L	95
19) 1,1-Dichloroethane	3.865	63	3251	0.218	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	33316	3.867	ug/L	91
29) 1,1,1-Trichloroethane	5.309	97	14725	1.254	ug/L	93
31) Carbon tetrachloride	5.309	117	1756	0.176	ug/L	91
34) Trichloroethene	6.534	95	11205	1.365	ug/L	97
35) Methylcyclohexane	6.682	83	7979	0.635	ug/L #	28
37) 1,2-Dichloropropane	6.682	63	3586	0.449	ug/L #	87
42) Toluene	7.965	91	5367	0.166	ug/L	100
61) 1,2,3-Trichloropropane	11.804	75	5216	0.943	ug/L #	68
71) Naphthalene	14.125	128	1624	0.133	ug/L #	73

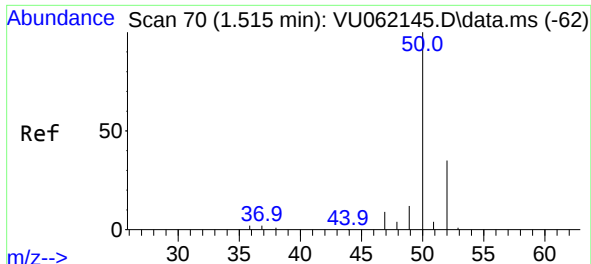
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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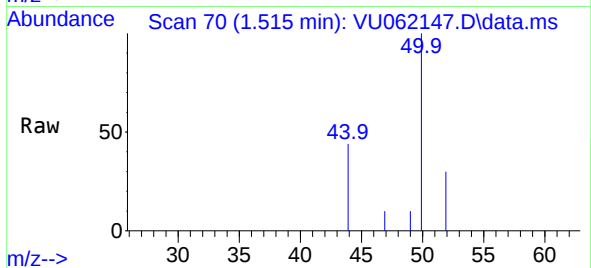
Quant Time: Dec 07 01:02:23 2024
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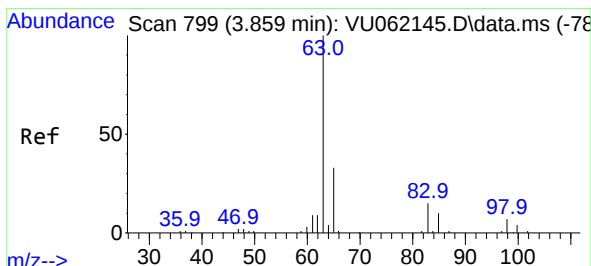
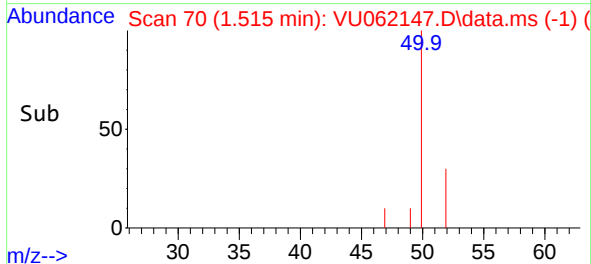
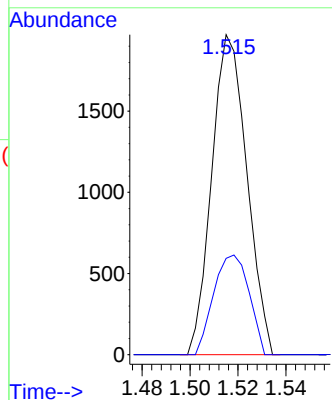


#3
Chloromethane
Concen: 0.206 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062147.D
Acq: 06 Dec 2024 21:23

Instrument :
MSVOA_U
ClientSampleId :

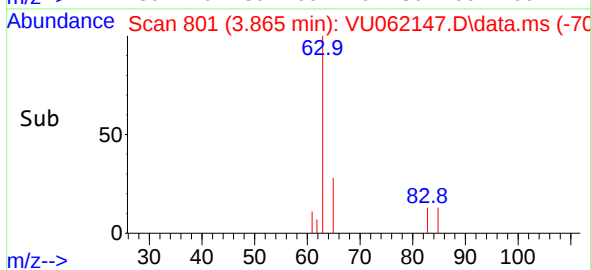
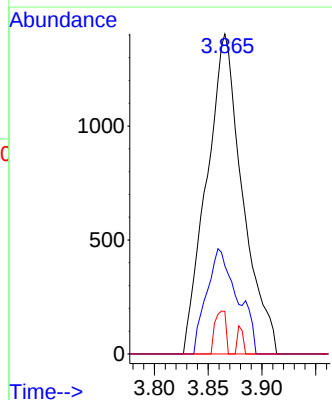
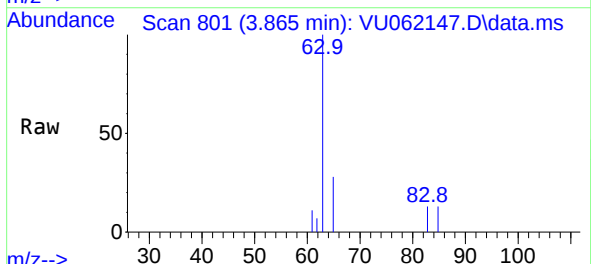


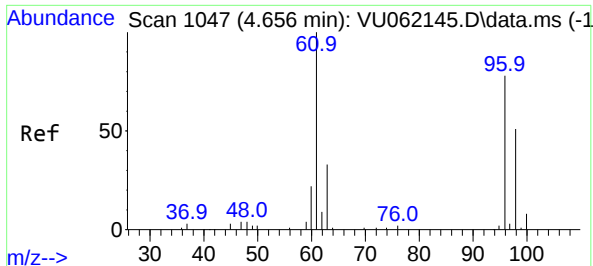
Tgt Ion: 50 Resp: 2003
Ion Ratio Lower Upper
50 100
52 30.1 23.1 42.9



#19
1,1-Dichloroethane
Concen: 0.218 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU062147.D
Acq: 06 Dec 2024 21:23

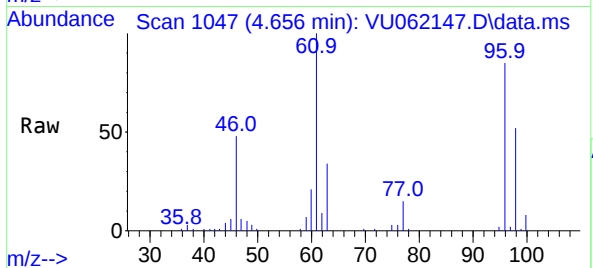
Tgt Ion: 63 Resp: 3251
Ion Ratio Lower Upper
63 100
65 27.6 22.7 42.3
83 13.3 9.9 18.3



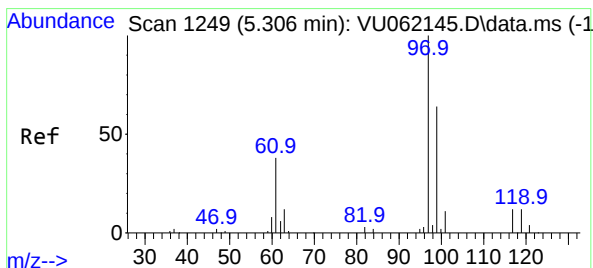
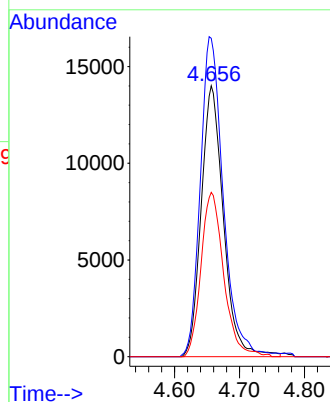
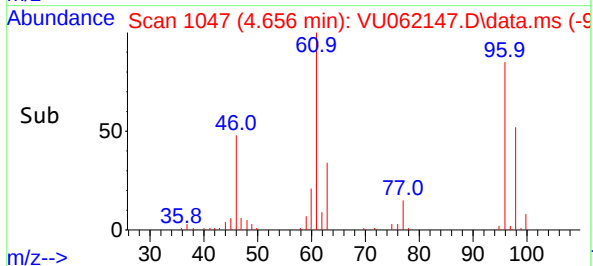


#22
 cis-1,2-Dichloroethene
 Concen: 3.867 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062147.D
 Acq: 06 Dec 2024 21:23

Instrument :
 MSVOA_U
 ClientSampleId :

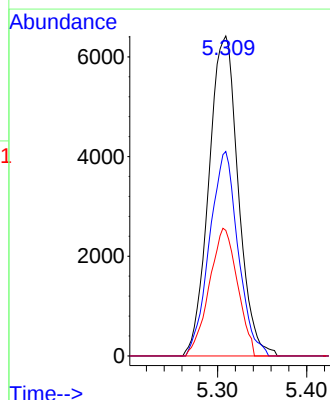
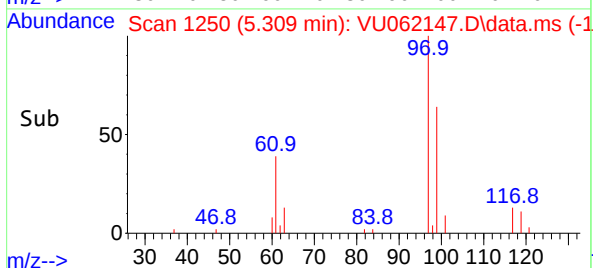
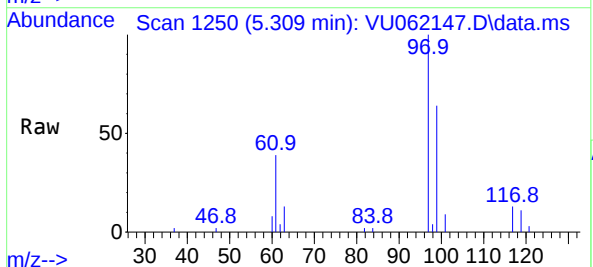


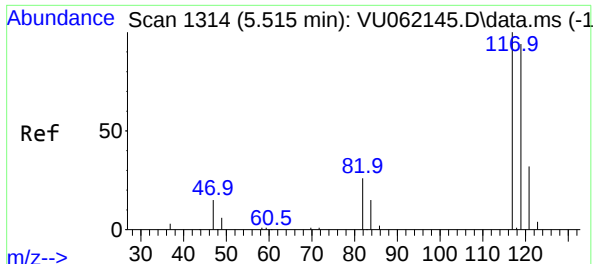
Tgt Ion: 96 Resp: 33316
 Ion Ratio Lower Upper
 96 100
 61 117.5 92.0 170.8
 98 60.6 44.5 82.7



#29
 1,1,1-Trichloroethane
 Concen: 1.254 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.003 min
 Lab File: VU062147.D
 Acq: 06 Dec 2024 21:23

Tgt Ion: 97 Resp: 14725
 Ion Ratio Lower Upper
 97 100
 99 62.1 51.4 77.2
 61 38.2 37.8 56.6

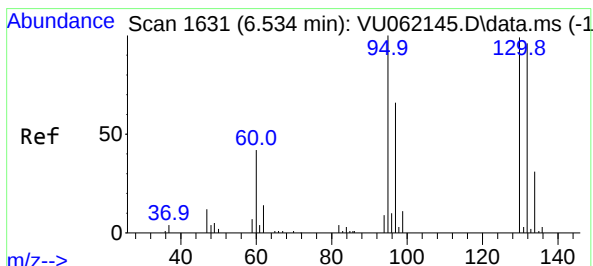
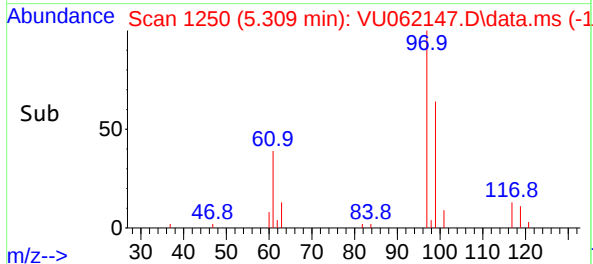
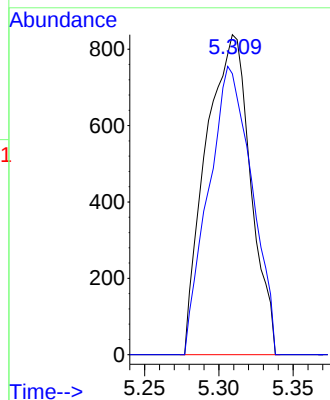
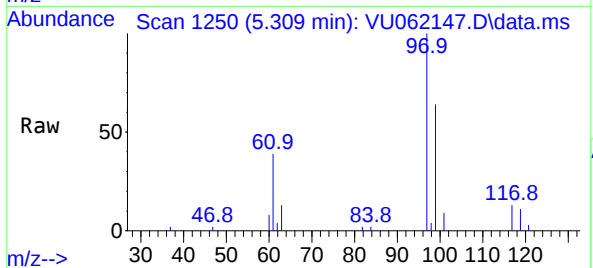




#31
Carbon tetrachloride
Concen: 0.176 ug/L
RT: 5.309 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU062147.D
Acq: 06 Dec 2024 21:23

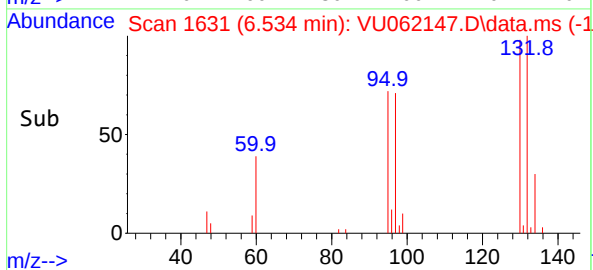
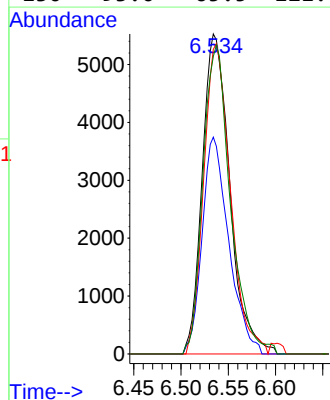
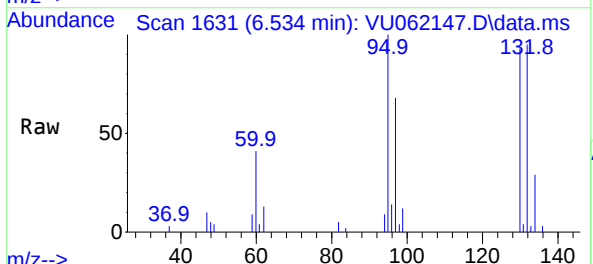
Instrument :
MSVOA_U
ClientSampleId :

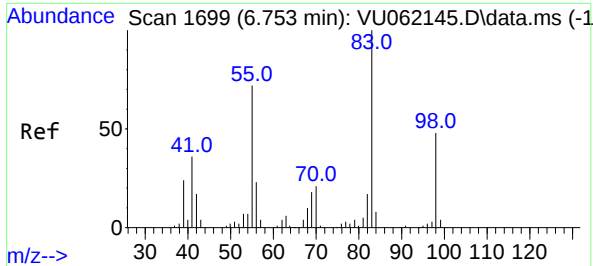
Tgt Ion:117 Resp: 1756
Ion Ratio Lower Upper
117 100
119 87.6 77.5 116.3



#34
Trichloroethene
Concen: 1.365 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062147.D
Acq: 06 Dec 2024 21:23

Tgt Ion: 95 Resp: 11205
Ion Ratio Lower Upper
95 100
97 67.7 45.9 85.3
132 95.2 63.8 118.4
130 93.0 65.5 121.7

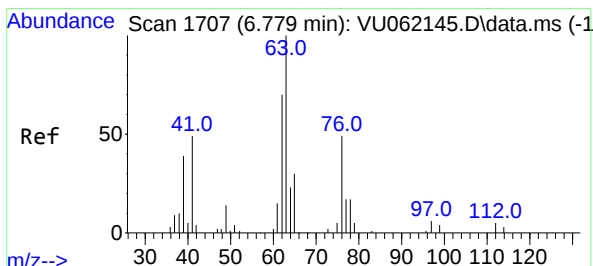
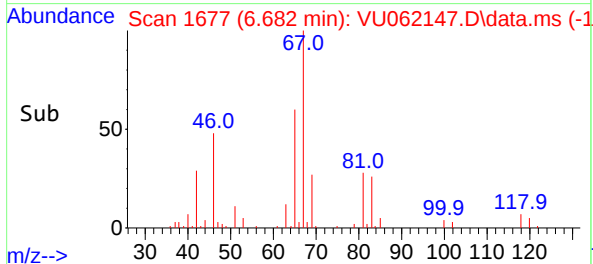
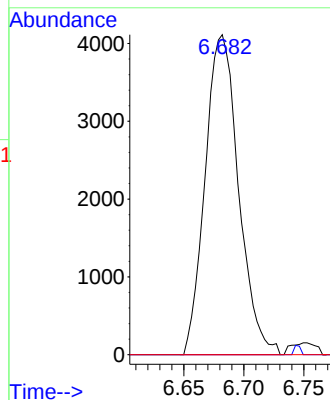
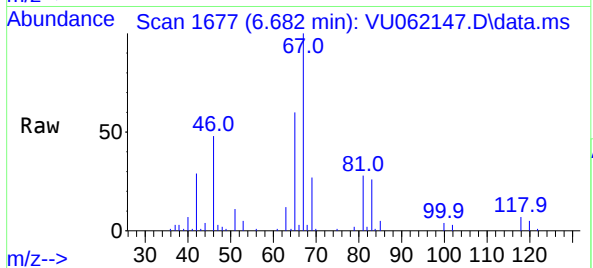




#35
Methylcyclohexane
Concen: 0.635 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062147.D
Acq: 06 Dec 2024 21:23

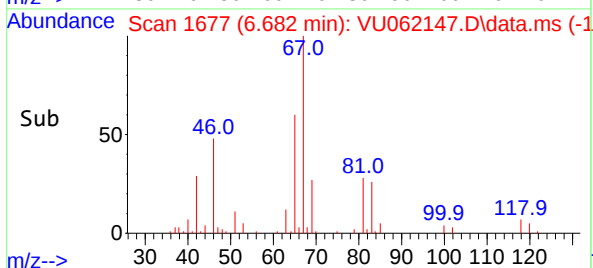
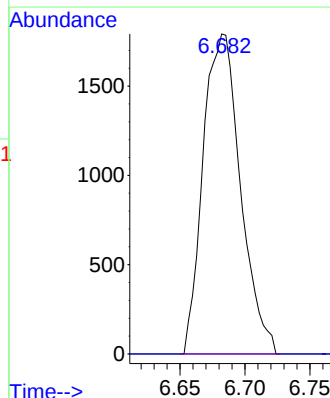
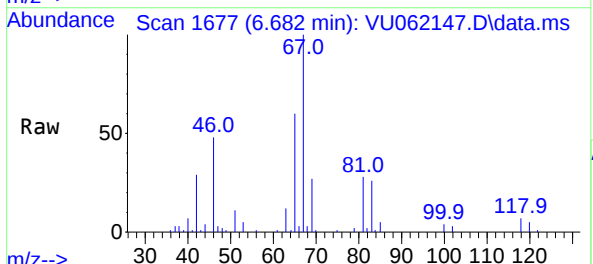
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ClientSampleId :

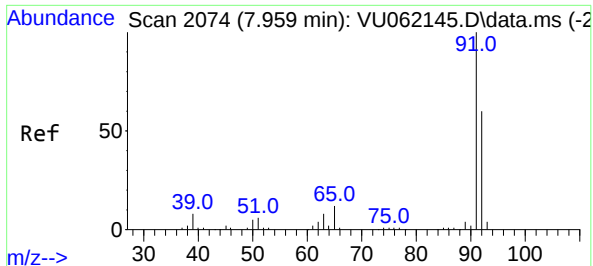
Tgt Ion	83	Resp	7979
Ion	Ratio	Lower	Upper
83	100		
55	0.6	60.7	91.1#
98	14.1	34.8	52.2#



#37
1,2-Dichloropropane
Concen: 0.449 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU062147.D
Acq: 06 Dec 2024 21:23

Tgt Ion	63	Resp	3586
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#





#42

Toluene

Concen: 0.166 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU062147.D

Acq: 06 Dec 2024 21:23

Instrument :

MSVOA_U

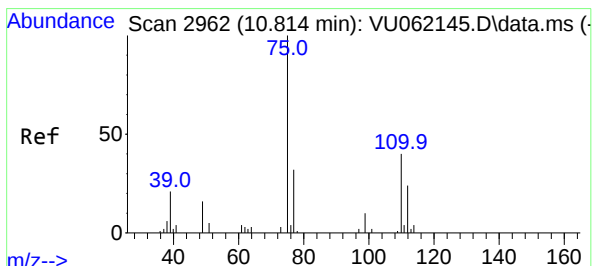
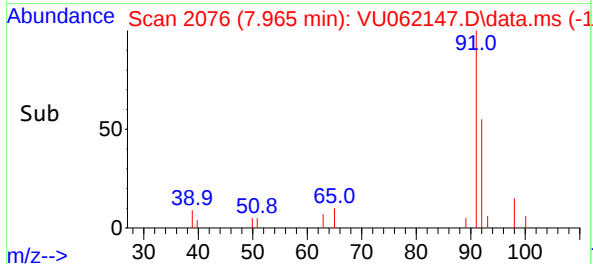
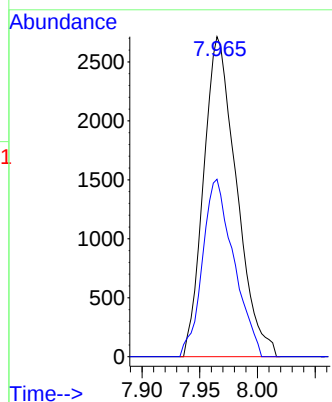
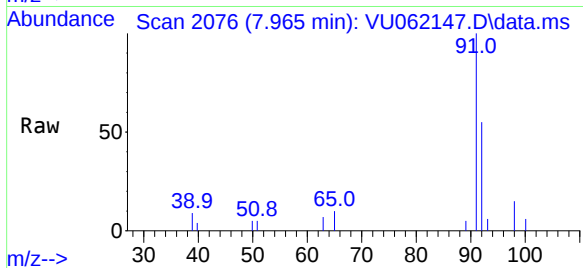
ClientSampleId :

Tgt Ion: 91 Resp: 5367

Ion Ratio Lower Upper

91 100

92 55.5 39.0 72.4



#61

1,2,3-Trichloropropane

Concen: 0.943 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062147.D

Acq: 06 Dec 2024 21:23

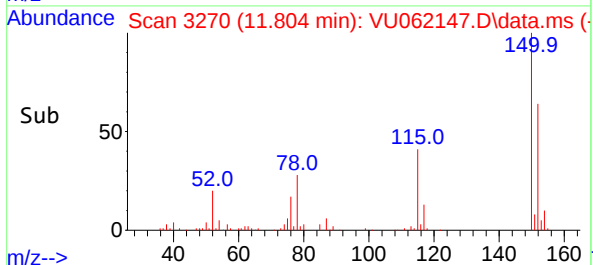
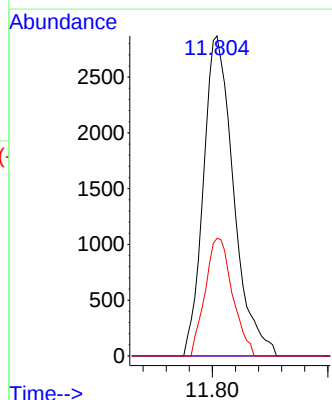
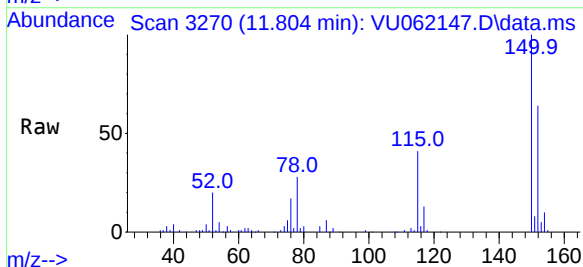
Tgt Ion: 75 Resp: 5216

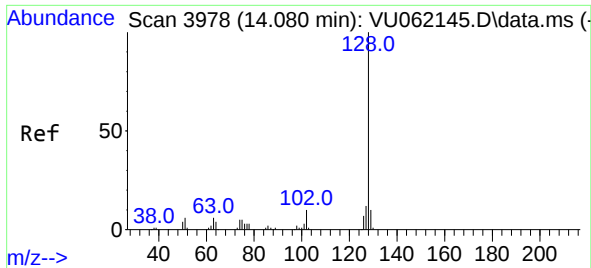
Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

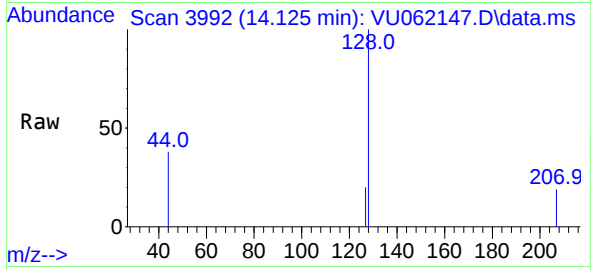
77 33.1 26.5 39.7





#71
Naphthalene
Concen: 0.133 ug/L
RT: 14.125 min Scan# 3992
Delta R.T. 0.045 min
Lab File: VU062147.D
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Instrument :
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ClientSampleId :



Tgt Ion:	128	Resp:	1624
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.5	12.7#
127	2.5	10.2	15.4#

