

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061622\
 Data File : U049231.D
 Acq On : 17 Jun 2022 01:54
 Operator : SY/MD
 Sample : N3320-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 02:37:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 02:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	104487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	96581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36446	3.992	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.912	69	29354	4.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.568	65	14084	3.835	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	4.633	46	143876	59.020	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.040%
24) Chloroform-d	5.063	84	71227	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.703	65	43186	5.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.729	84	138773	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.694	67	50179	5.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.899	98	119530	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.182	79	15828	3.608	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.632	63	106249	60.037	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.080%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	45411	5.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	48481	5.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.501	50	1331	0.136	ug/L #	42
5) Vinyl chloride	1.604	62	301680	34.342	ug/L	85
8) Chloroethane	1.928	64	2135	0.420	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	736	0.122	ug/L #	24
12) 1,1-Dichloroethene	2.581	96	202866	34.529	ug/L #	72
13) Acetone	2.639	43	479457	397.394	ug/L	99
14) Carbon disulfide	2.797	76	5617	0.289	ug/L	95
15) Methyl Acetate	2.954	43	196905	61.023	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	4317	0.243	ug/L	94
18) trans-1,2-Dichloroethene	3.356	96	1602	0.246	ug/L	78
19) 1,1-Dichloroethane	3.871	63	339721	26.468	ug/L	97
21) 2-Butanone	4.710	43	218595	95.017	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	424546	58.316	ug/L	98
27) 1,2-Dichloroethane	5.793	62	3145	0.371	ug/L #	74
30) Cyclohexane	5.195	56	2005	0.153	ug/L #	21
34) Trichloroethene	6.542	95	285063	38.805	ug/L	99
35) Methylcyclohexane	6.690	83	11037	0.896	ug/L #	18
37) 1,2-Dichloropropane	6.790	63	5421	0.687	ug/L #	94
61) 1,2,3-Trichloropropane	11.812	75	6471	1.178	ug/L #	68

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QLast Update : Fri Jun 17 02:27:54 2022
Response via : Initial Calibration

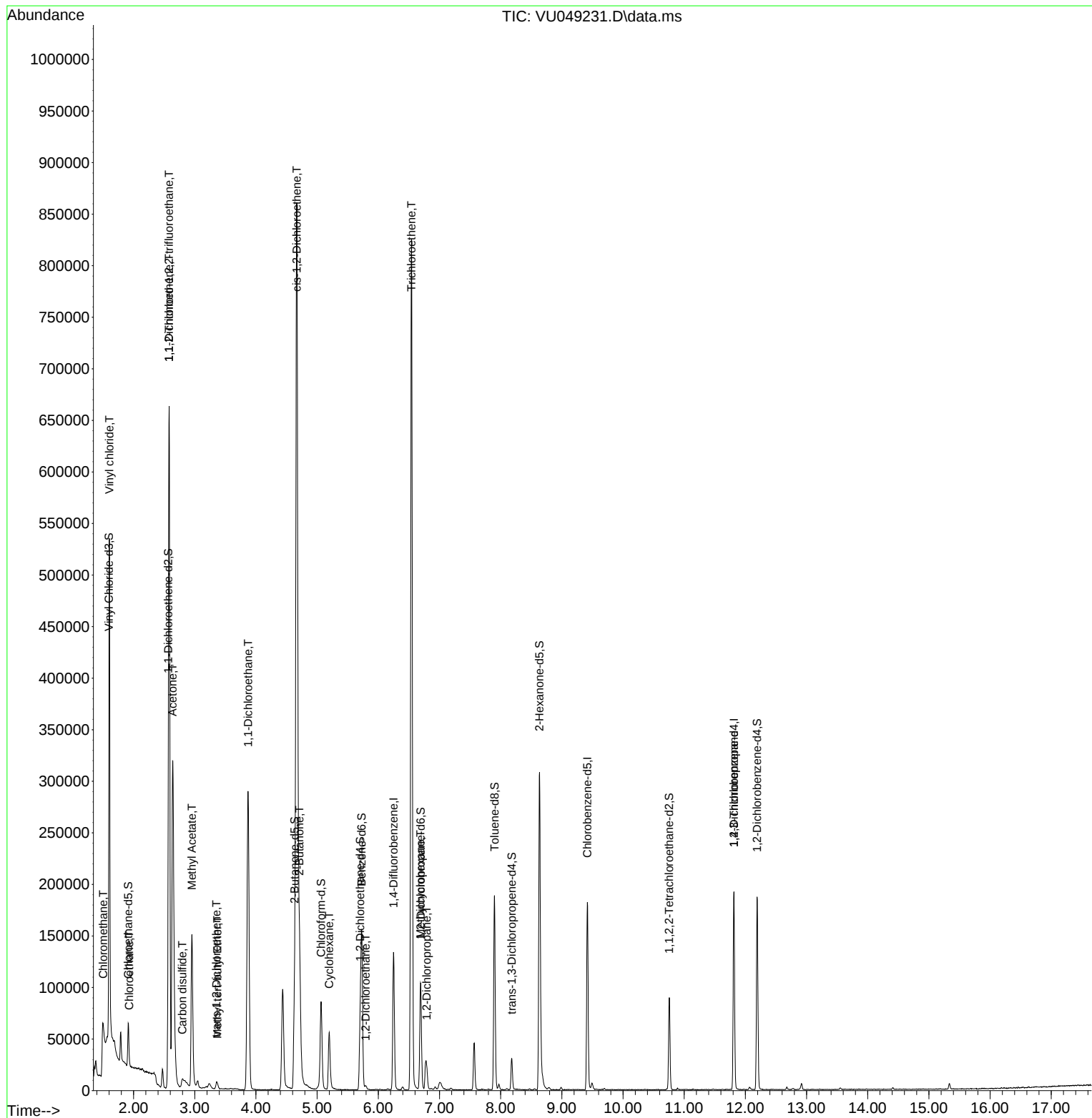
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

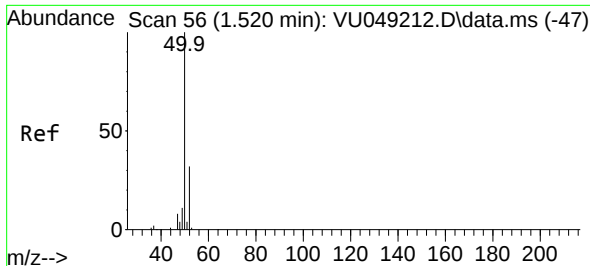
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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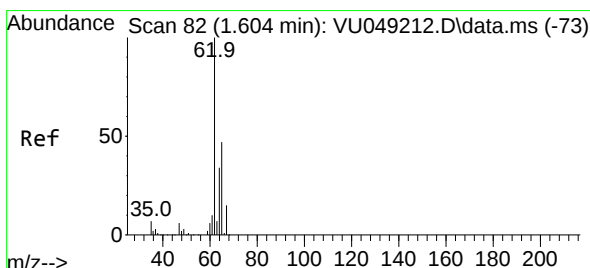
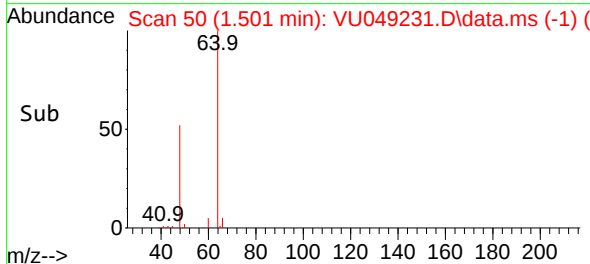
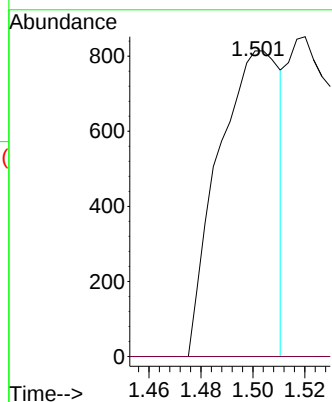
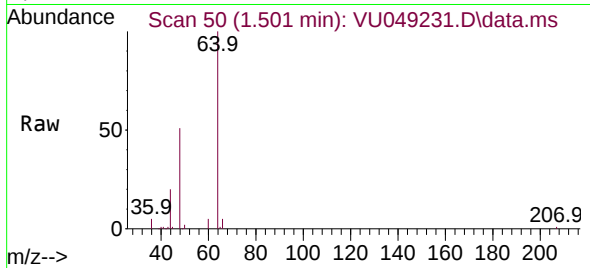




#3
Chloromethane
Concen: 0.136 ug/L
RT: 1.501 min Scan# 50
Delta R.T. -0.019 min
Lab File: VU049231.D
Acq: 17 Jun 2022 01:54

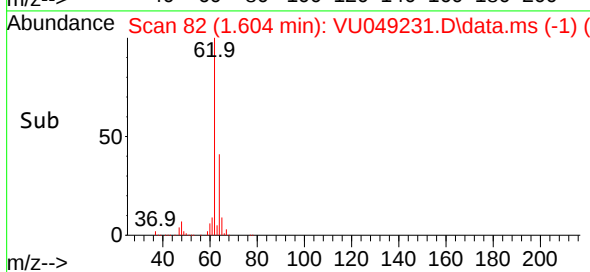
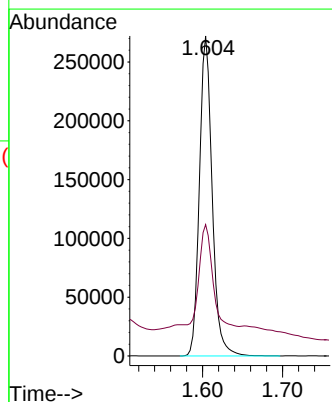
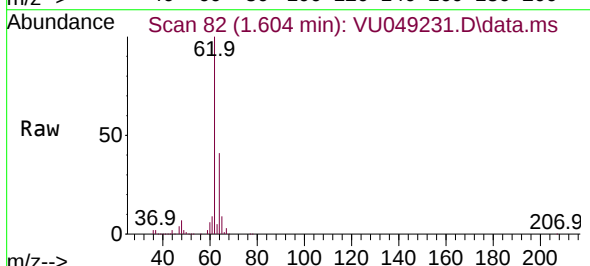
Instrument :
MSVOA_U
ClientSampleId :

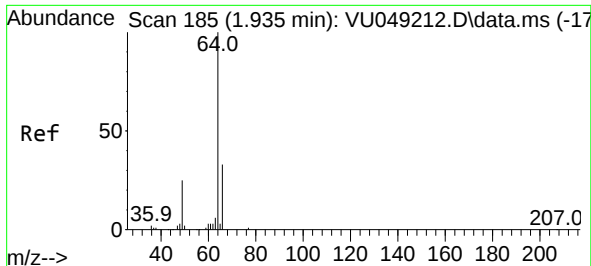
Tgt Ion: 50 Resp: 1331
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#5
Vinyl chloride
Concen: 34.342 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU049231.D
Acq: 17 Jun 2022 01:54

Tgt Ion: 62 Resp: 301680
Ion Ratio Lower Upper
62 100
64 41.1 22.8 42.4

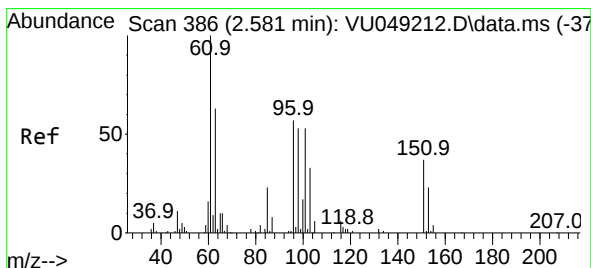
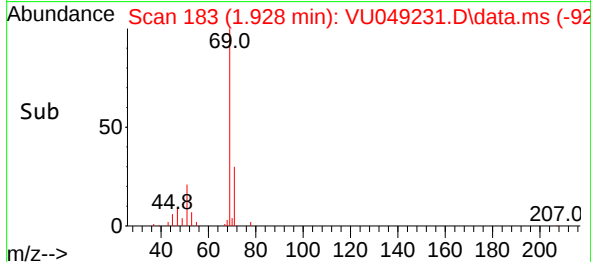
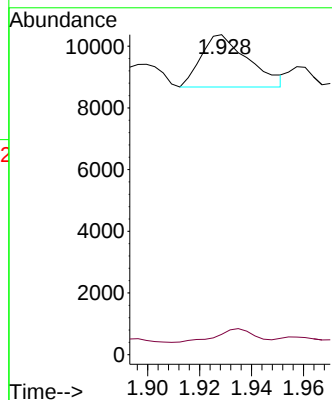
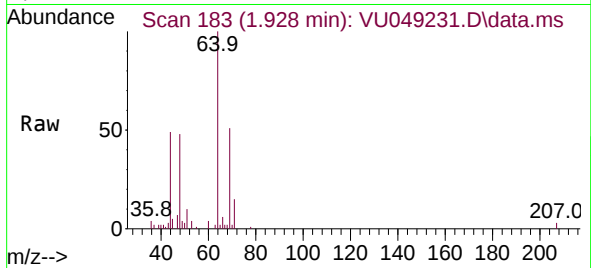




#8
Chloroethane
Concen: 0.420 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.007 min
Lab File: VU049231.D
Acq: 17 Jun 2022 01:54

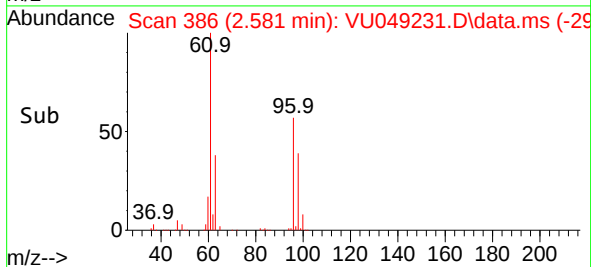
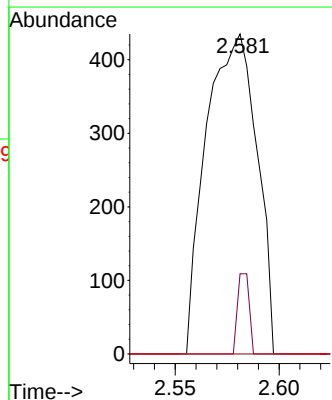
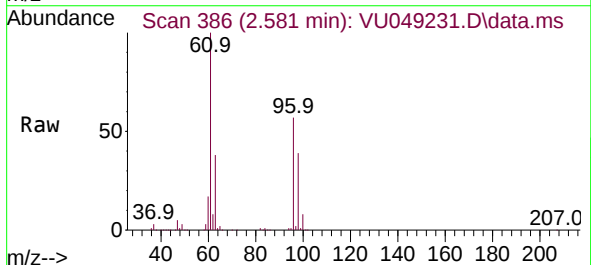
Instrument :
MSVOA_U
ClientSampleId :

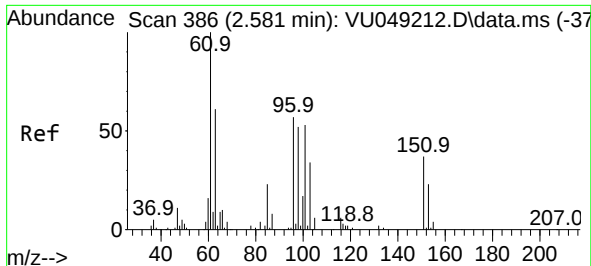
Tgt Ion: 64 Resp: 2135
Ion Ratio Lower Upper
64 100
66 6.3 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.122 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU049231.D
Acq: 17 Jun 2022 01:54

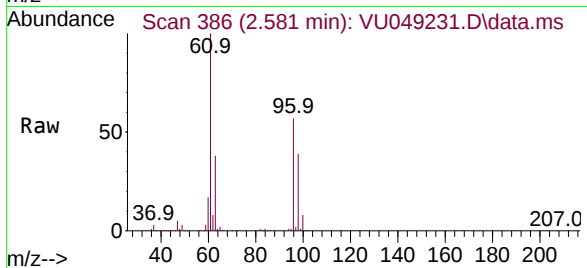
Tgt Ion: 101 Resp: 736
Ion Ratio Lower Upper
101 100
85 5.7 36.1 54.1#
151 0.0 56.8 85.2#



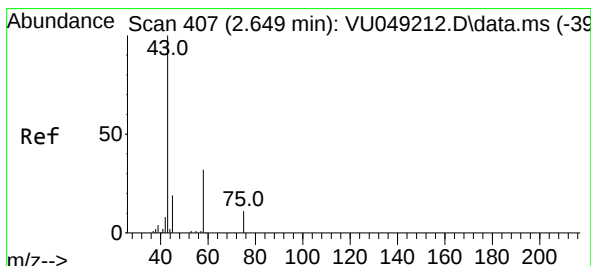
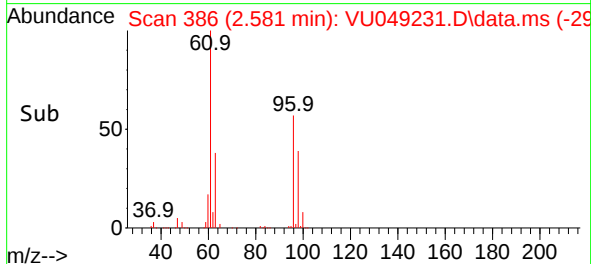
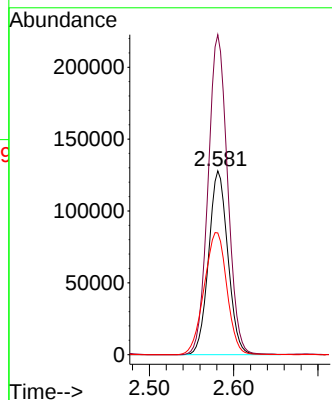


#12
1,1-Dichloroethene
Concen: 34.529 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU049231.D
Acq: 17 Jun 2022 01:54

Instrument :
MSVOA_U
ClientSampleId :

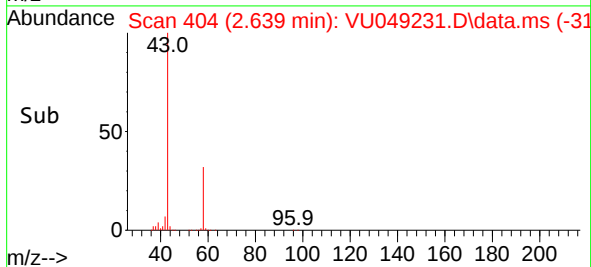
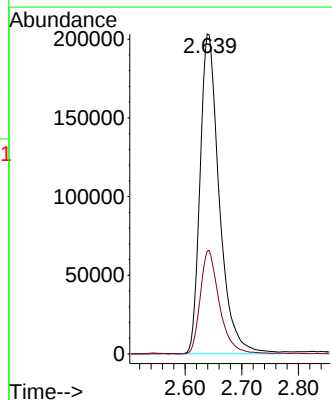
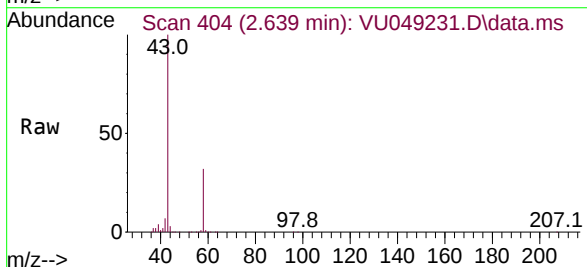


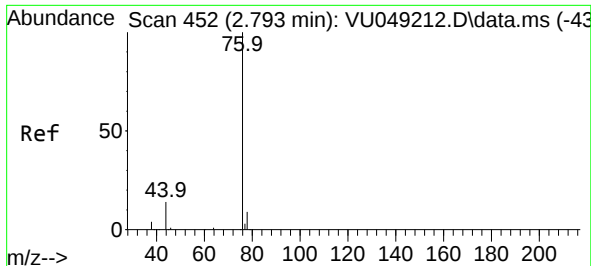
Tgt Ion: 96 Resp: 202866
Ion Ratio Lower Upper
96 100
61 174.0 127.2 236.2
63 66.2 94.7 175.9#



#13
Acetone
Concen: 397.394 ug/L
RT: 2.639 min Scan# 404
Delta R.T. -0.010 min
Lab File: VU049231.D
Acq: 17 Jun 2022 01:54

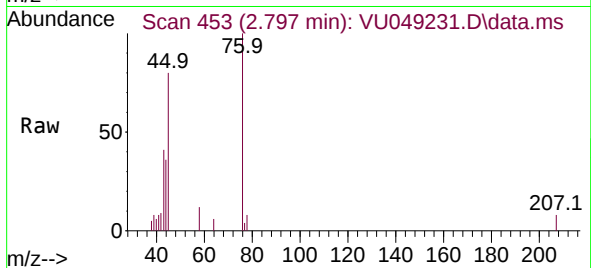
Tgt Ion: 43 Resp: 479457
Ion Ratio Lower Upper
43 100
58 32.2 0.0 65.8



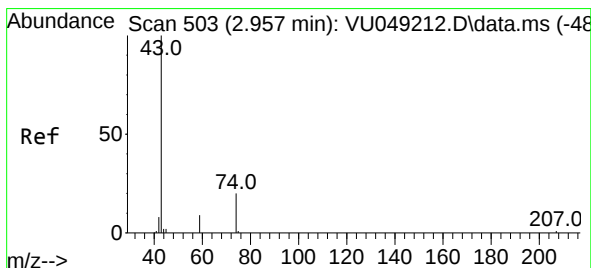
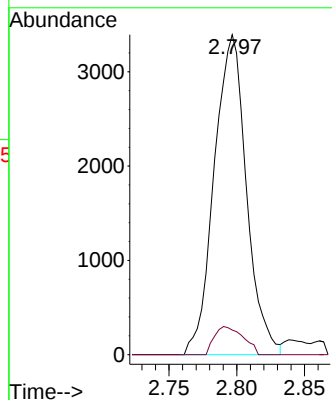
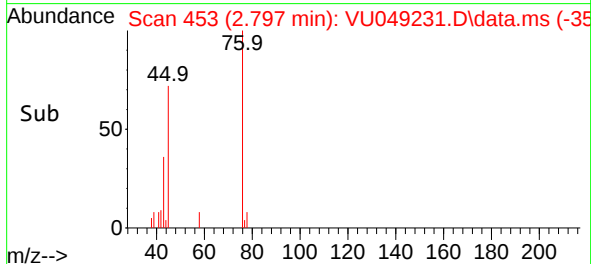


#14
Carbon disulfide
Concen: 0.289 ug/L
RT: 2.797 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU049231.D
Acq: 17 Jun 2022 01:54

Instrument :
MSVOA_U
ClientSampleId :

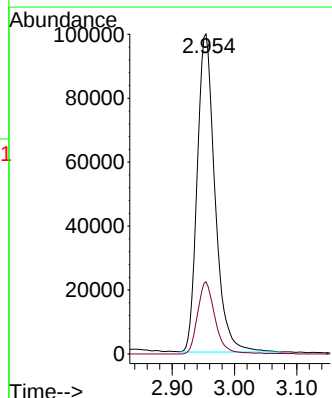
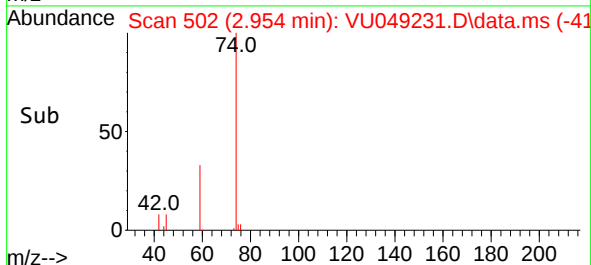
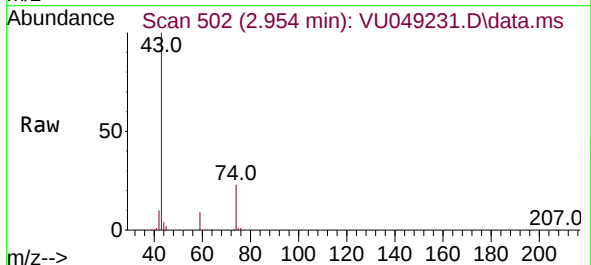


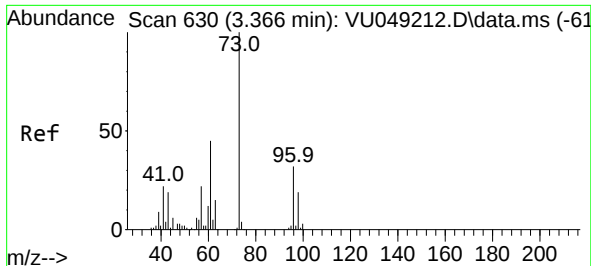
Tgt Ion: 76 Resp: 5617
Ion Ratio Lower Upper
76 100
78 7.7 7.5 11.3



#15
Methyl Acetate
Concen: 61.023 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU049231.D
Acq: 17 Jun 2022 01:54

Tgt Ion: 43 Resp: 196905
Ion Ratio Lower Upper
43 100
74 22.2 17.6 26.4





#17

Methyl tert-butyl Ether

Concen: 0.243 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.003 min

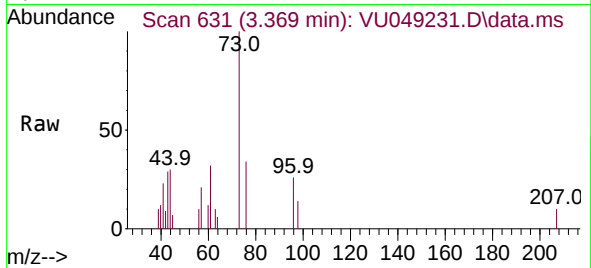
Lab File: VU049231.D

Acq: 17 Jun 2022 01:54

Instrument :

MSVOA_U

ClientSampleId :



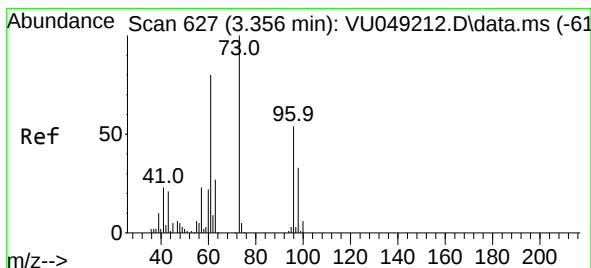
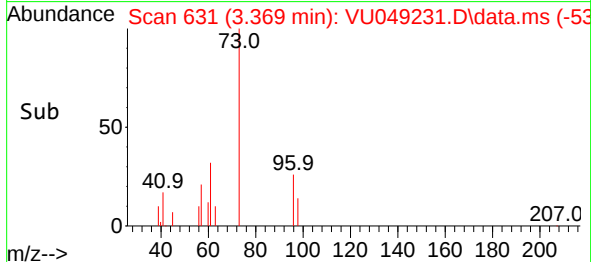
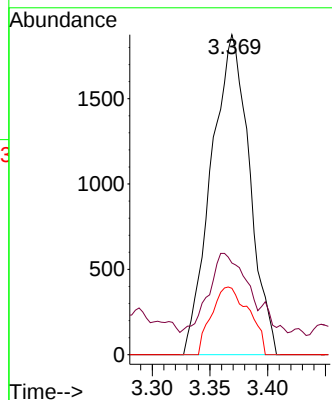
Tgt Ion: 73 Resp: 4317

Ion Ratio Lower Upper

73 100

43 23.7 16.5 24.7

57 20.6 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 0.246 ug/L

RT: 3.356 min Scan# 627

Delta R.T. -0.000 min

Lab File: VU049231.D

Acq: 17 Jun 2022 01:54

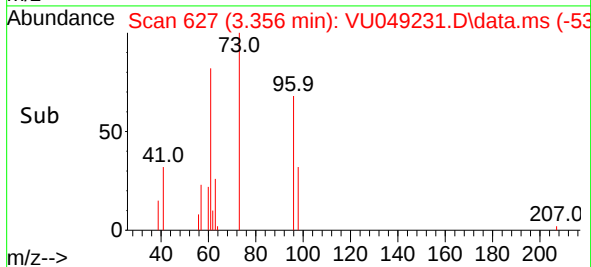
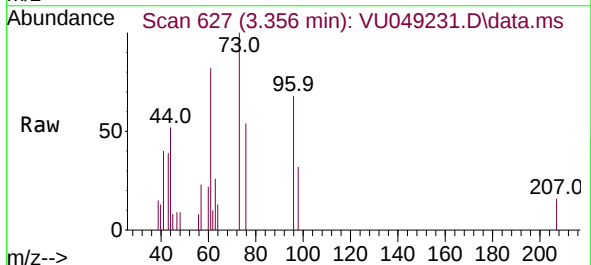
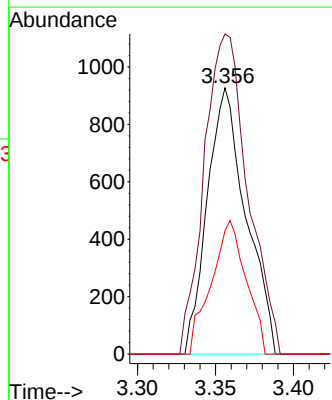
Tgt Ion: 96 Resp: 1602

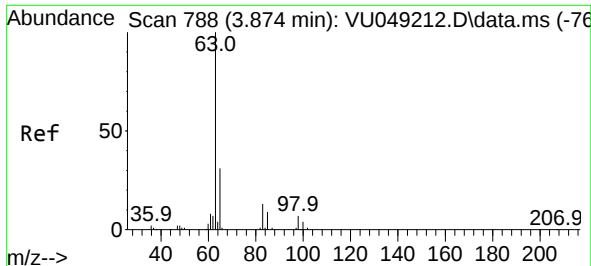
Ion Ratio Lower Upper

96 100

61 120.3 103.3 191.9

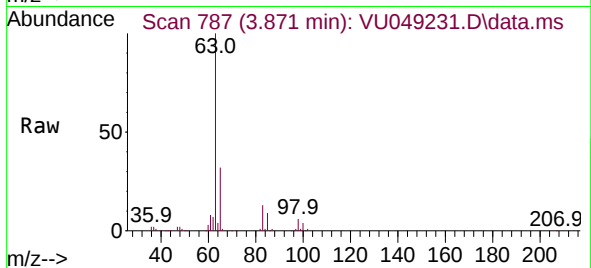
98 46.4 44.0 81.8



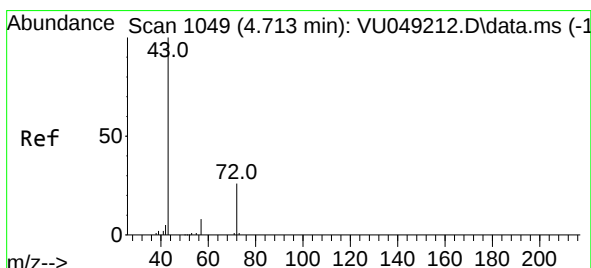
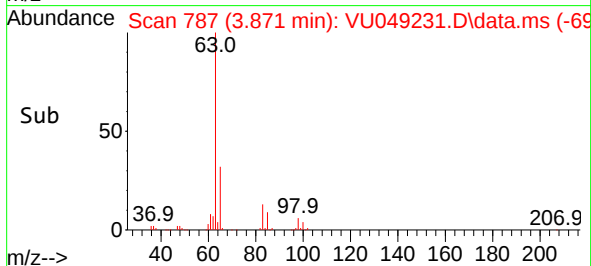
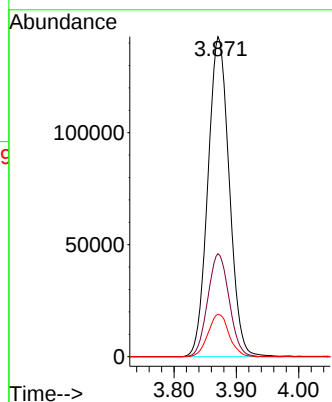


#19
1,1-Dichloroethane
Concen: 26.468 ug/L
RT: 3.871 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU049231.D
Acq: 17 Jun 2022 01:54

Instrument :
MSVOA_U
ClientSampleId :

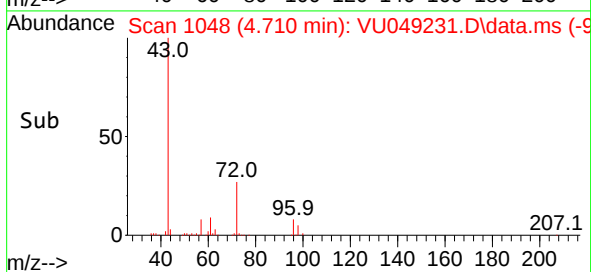
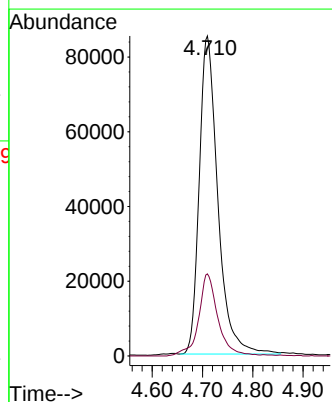
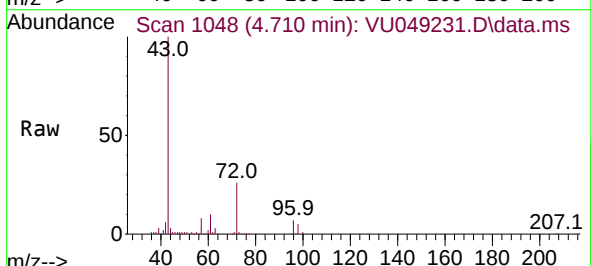


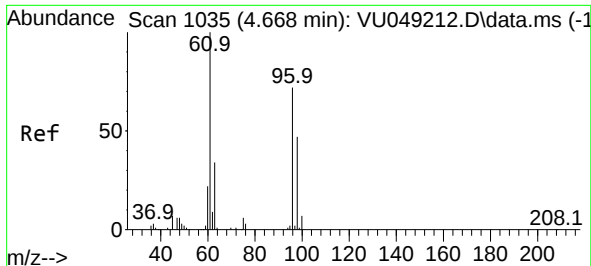
Tgt Ion: 63 Resp: 339721
Ion Ratio Lower Upper
63 100
65 32.2 24.0 44.6
83 13.2 9.1 16.9



#21
2-Butanone
Concen: 95.017 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU049231.D
Acq: 17 Jun 2022 01:54

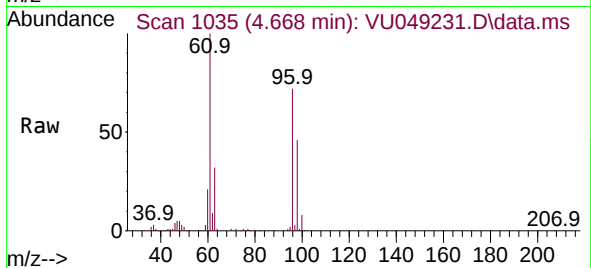
Tgt Ion: 43 Resp: 218595
Ion Ratio Lower Upper
43 100
72 26.6 12.2 36.6



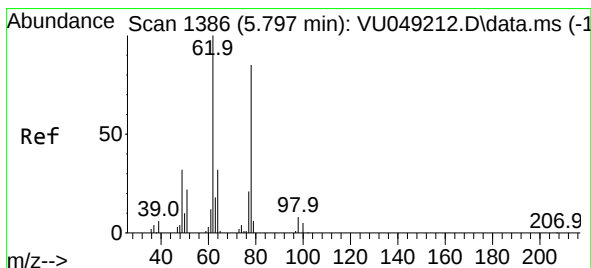
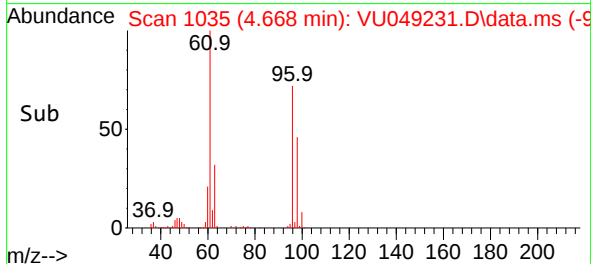
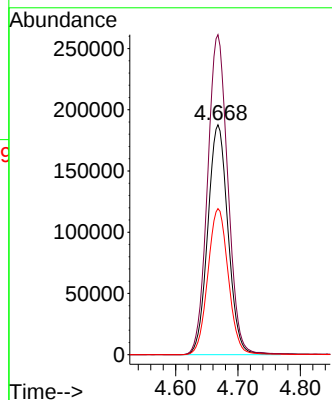


#22
 cis-1,2-Dichloroethene
 Concen: 58.316 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU049231.D
 Acq: 17 Jun 2022 01:54

Instrument :
 MSVOA_U
 ClientSampleId :

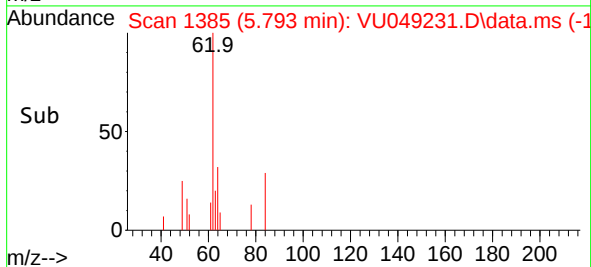
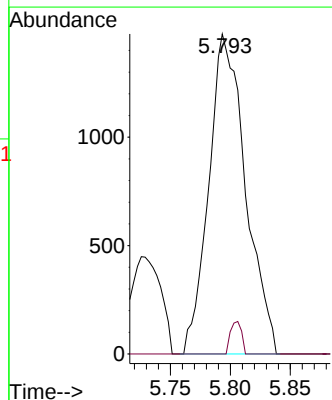
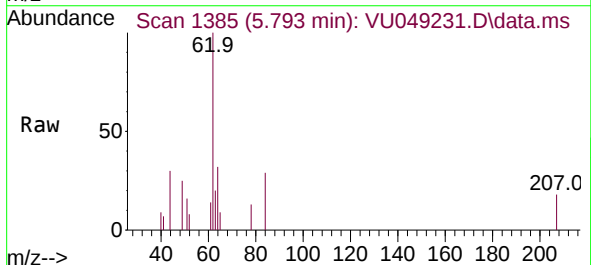


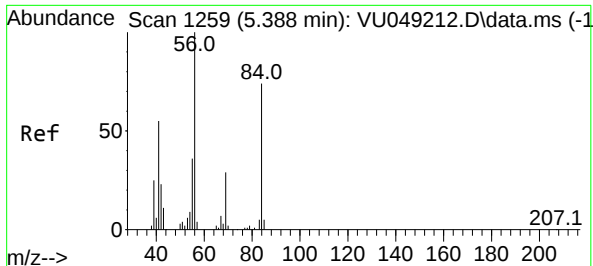
Tgt Ion: 96 Resp: 424546
 Ion Ratio Lower Upper
 96 100
 61 139.2 99.5 184.9
 98 63.6 44.8 83.2



#27
 1,2-Dichloroethane
 Concen: 0.371 ug/L
 RT: 5.793 min Scan# 1385
 Delta R.T. -0.003 min
 Lab File: VU049231.D
 Acq: 17 Jun 2022 01:54

Tgt Ion: 62 Resp: 3145
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#





#30

Cyclohexane

Concen: 0.153 ug/L

RT: 5.195 min Scan# 1199

Delta R.T. -0.193 min

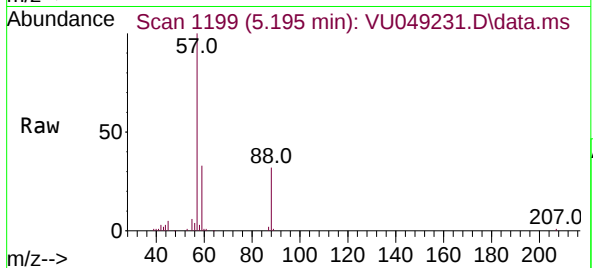
Lab File: VU049231.D

Acq: 17 Jun 2022 01:54

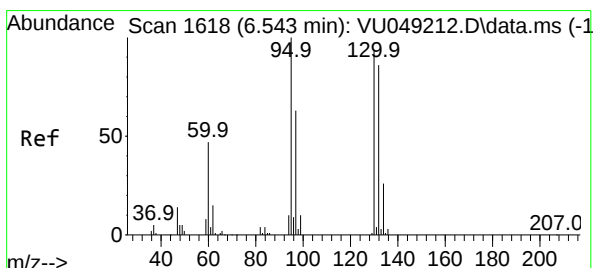
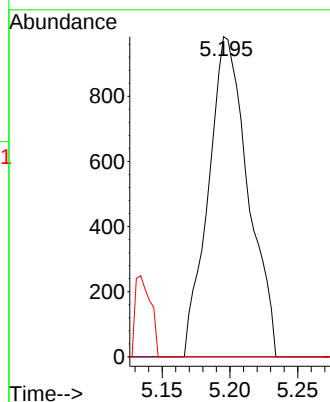
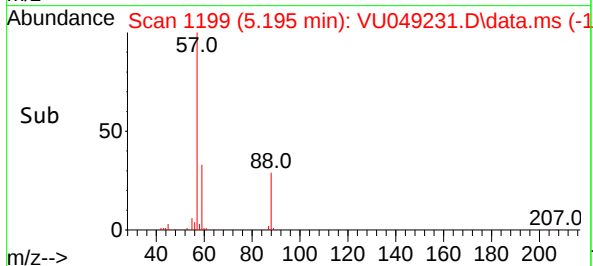
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 56	Resp: 2005
Ion Ratio	Lower Upper
56	100
69	0.0 23.8 35.6#
84	0.0 61.2 91.8#



#34

Trichloroethene

Concen: 38.805 ug/L

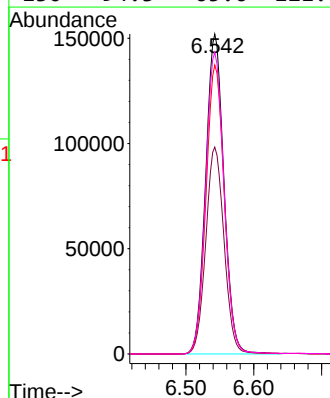
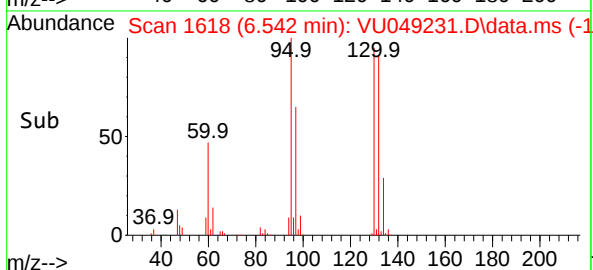
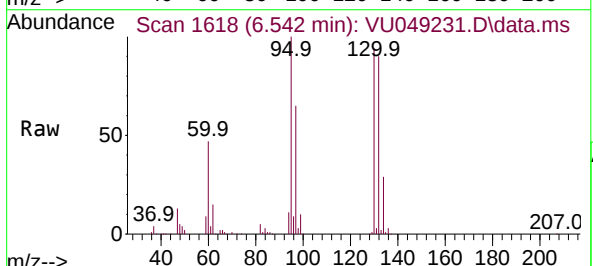
RT: 6.542 min Scan# 1618

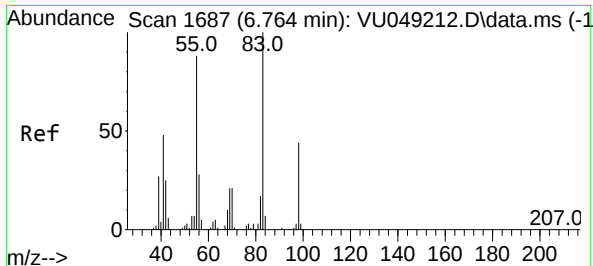
Delta R.T. -0.000 min

Lab File: VU049231.D

Acq: 17 Jun 2022 01:54

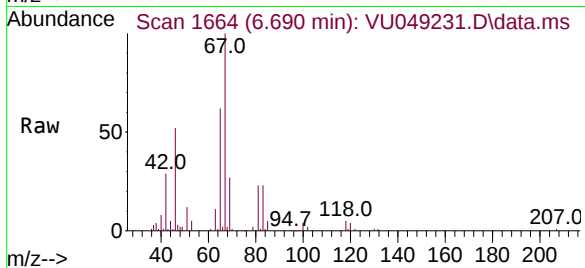
Tgt Ion: 95	Resp: 285063
Ion Ratio	Lower Upper
95	100
97	64.7 45.3 84.1
132	90.3 61.5 114.3
130	94.3 65.6 121.8



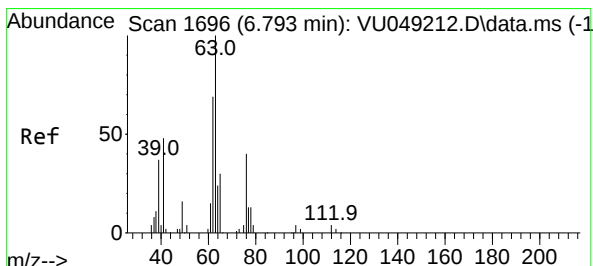
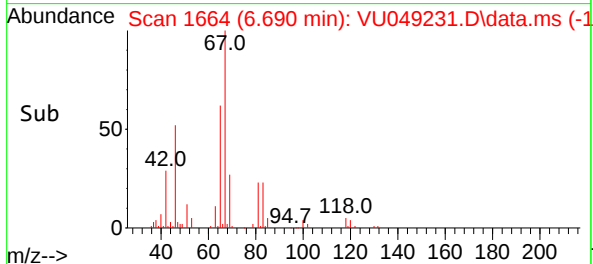
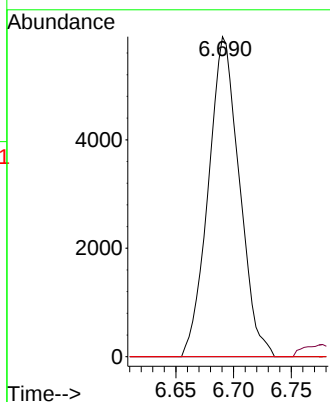


#35
Methylcyclohexane
Concen: 0.896 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049231.D
Acq: 17 Jun 2022 01:54

Instrument :
MSVOA_U
ClientSampleId :

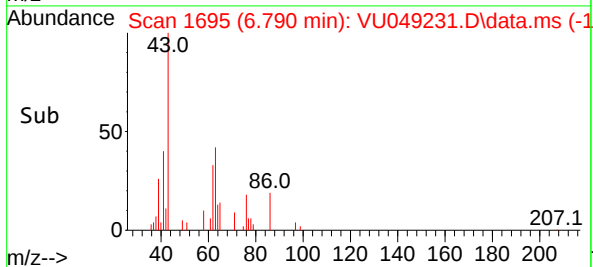
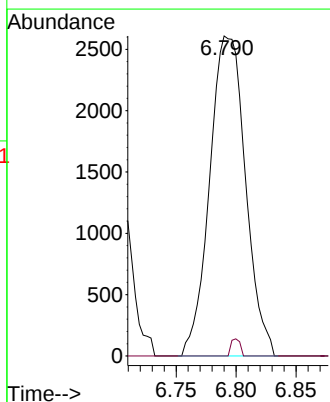
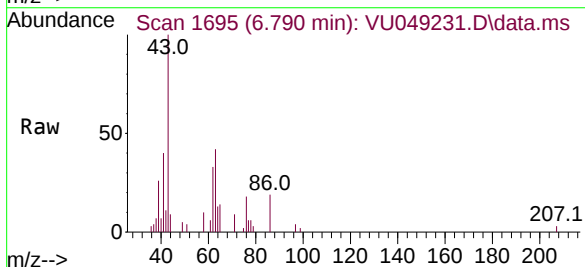


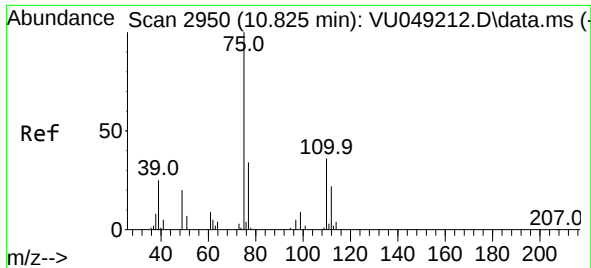
Tgt Ion: 83 Resp: 11037
Ion Ratio Lower Upper
83 100
55 3.3 66.9 100.3#
98 0.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.687 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. -0.003 min
Lab File: VU049231.D
Acq: 17 Jun 2022 01:54

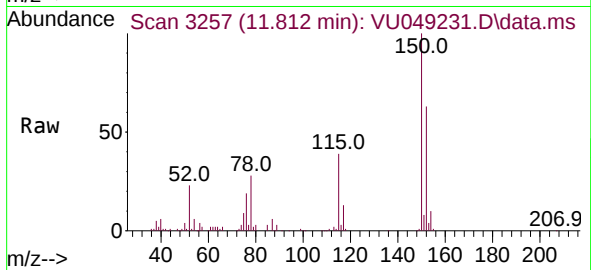
Tgt Ion: 63 Resp: 5421
Ion Ratio Lower Upper
63 100
112 1.4 2.8 4.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.178 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049231.D
 Acq: 17 Jun 2022 01:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6471
 Ion Ratio Lower Upper
 75 100
 110 1.6 29.0 43.4#
 77 34.2 26.2 39.2

