

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054525.D
 Acq On : 15 Jun 2023 14:46
 Operator : MD/SY
 Sample : 03253-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYX0

Quant Time: Jun 16 01:32:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

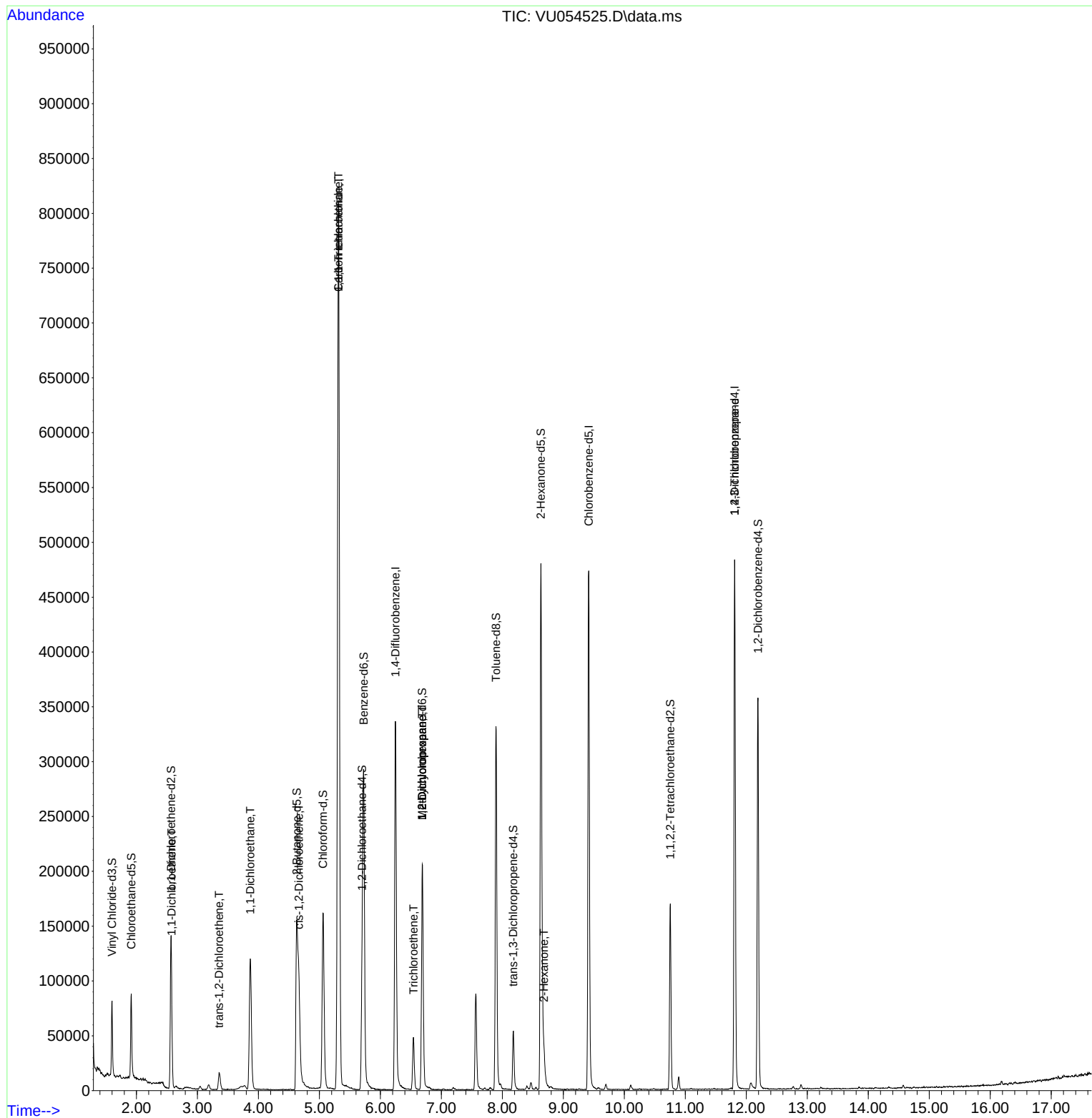
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	280133	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	271070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	50336	2.823	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.400%
7) Chloroethane-d5	1.914	69	57888	3.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.567	65	25529	3.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	4.628	46	254160	50.705	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.420%
24) Chloroform-d	5.059	84	153226	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.698	65	79357	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.724	84	275900	3.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
36) 1,2-Dichloropropane-d6	6.685	67	102573	4.076	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.894	98	227322	3.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	8.177	79	32299	3.691	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.631	63	162534	44.271	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.540%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86700	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	98842	4.407	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	8172	0.402	ug/L #	1
18) trans-1,2-Dichloroethene	3.354	96	4105	0.196	ug/L	90
19) 1,1-Dichloroethane	3.866	63	142998	3.294	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	33008	1.382	ug/L	93
29) 1,1,1-Trichloroethane	5.313	97	595161	16.192	ug/L	99
31) Carbon tetrachloride	5.313	117	79563	2.512	ug/L	100
34) Trichloroethene	6.544	95	16010	0.621	ug/L	97
35) Methylcyclohexane	6.685	83	22655	0.582	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	10611	0.403	ug/L #	91
48) 2-Hexanone	8.682	43	14151	1.351	ug/L	89
61) 1,2,3-Trichloropropane	11.807	75	15806	1.176	ug/L #	68

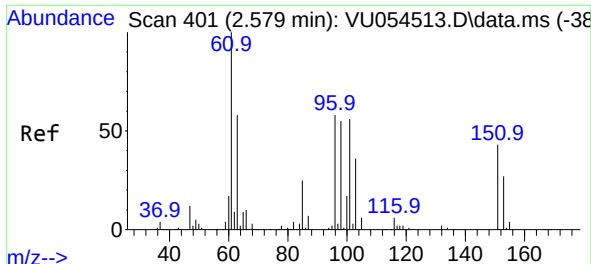
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.402 ug/L

RT: 2.576 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU054525.D

Acq: 15 Jun 2023 14:46

Instrument :

MSVOA_U

ClientSampleId :

EXYX0

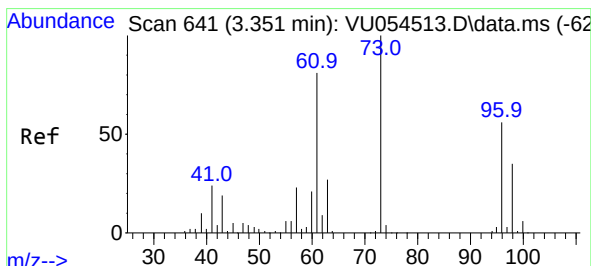
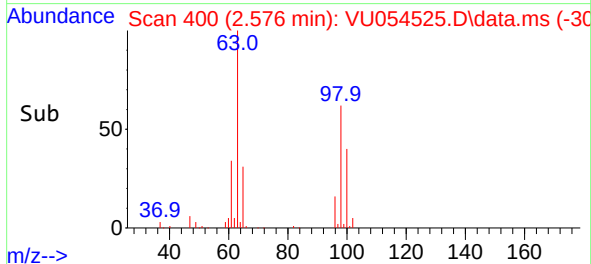
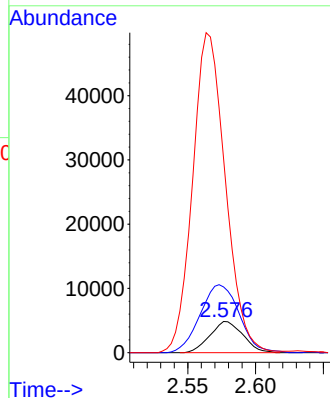
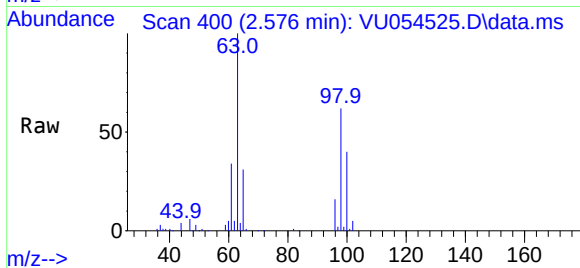
Tgt Ion: 96 Resp: 8172

Ion Ratio Lower Upper

96 100

61 211.3 119.9 222.7

63 623.3 64.3 119.3#



#18

trans-1,2-Dichloroethene

Concen: 0.196 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU054525.D

Acq: 15 Jun 2023 14:46

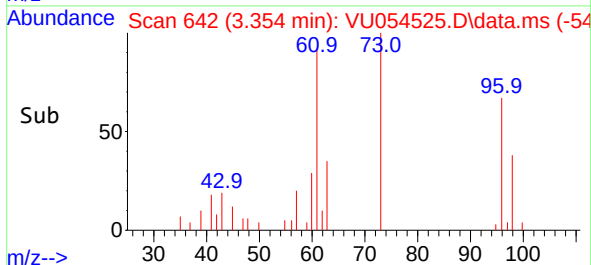
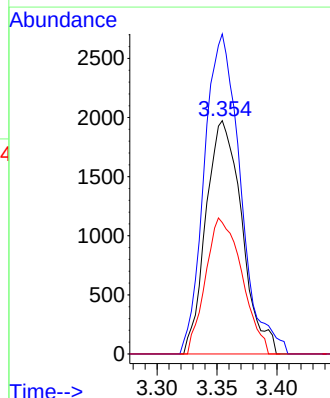
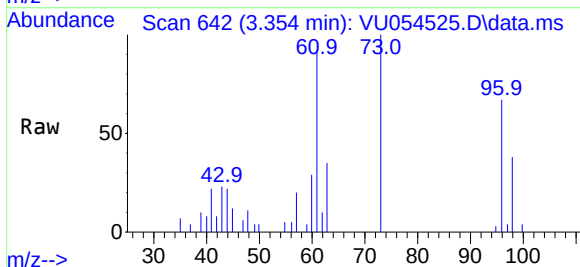
Tgt Ion: 96 Resp: 4105

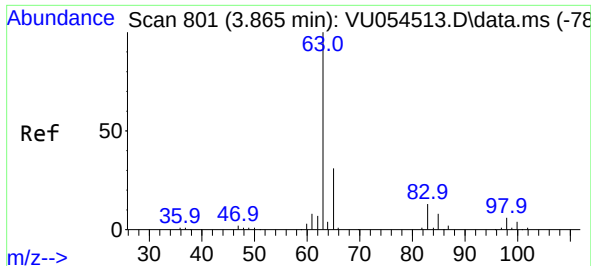
Ion Ratio Lower Upper

96 100

61 137.1 104.6 194.2

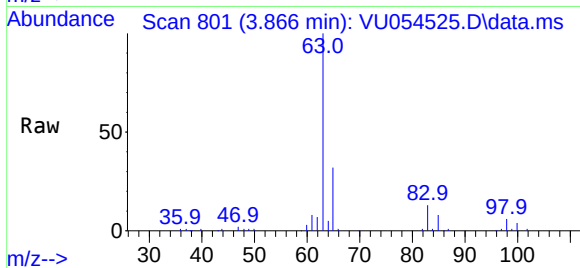
98 56.3 45.4 84.4



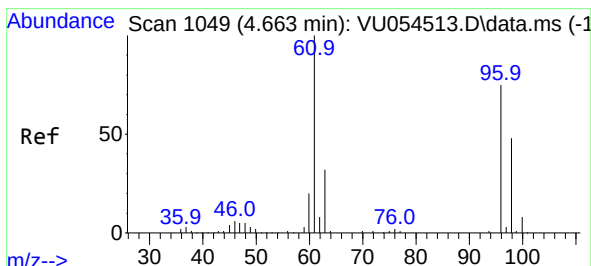
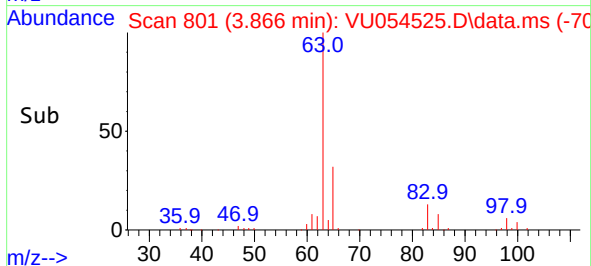
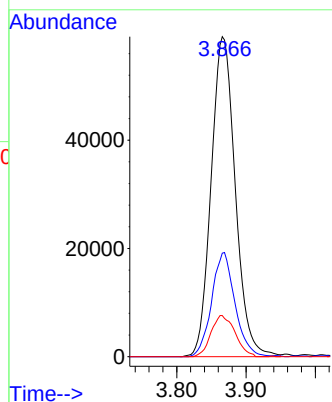


#19
1,1-Dichloroethane
Concen: 3.294 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU054525.D
Acq: 15 Jun 2023 14:46

Instrument :
MSVOA_U
ClientSampleId :
EXYX0

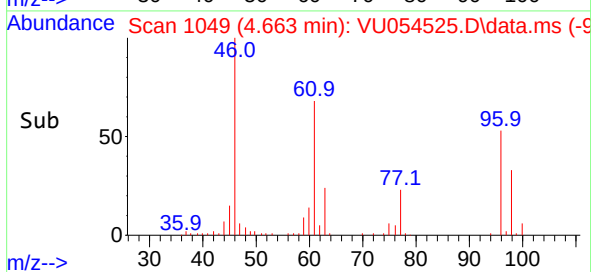
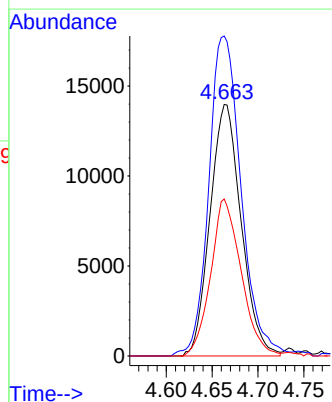
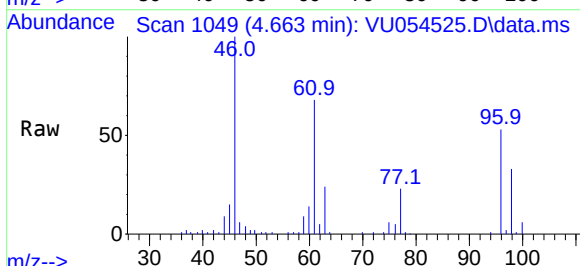


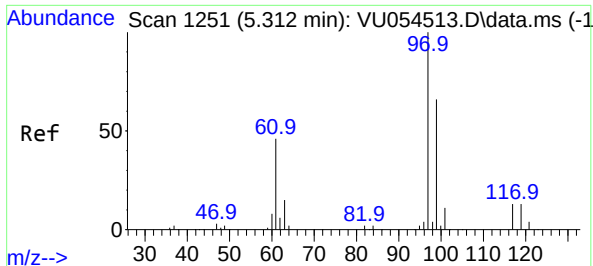
Tgt Ion: 63 Resp: 142998
Ion Ratio Lower Upper
63 100
65 32.3 22.2 41.2
83 12.8 9.0 16.6



#22
cis-1,2-Dichloroethene
Concen: 1.382 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054525.D
Acq: 15 Jun 2023 14:46

Tgt Ion: 96 Resp: 33008
Ion Ratio Lower Upper
96 100
61 127.2 96.5 179.1
98 62.4 44.9 83.3

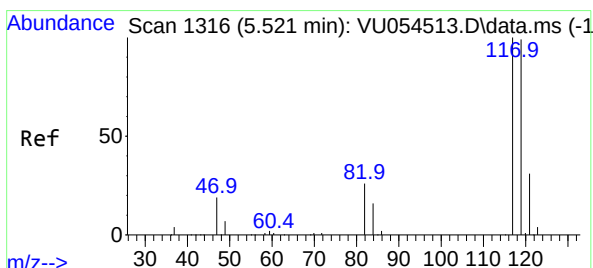
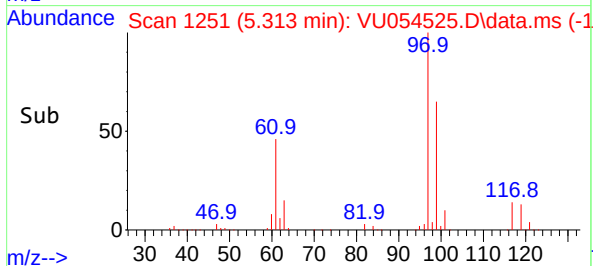
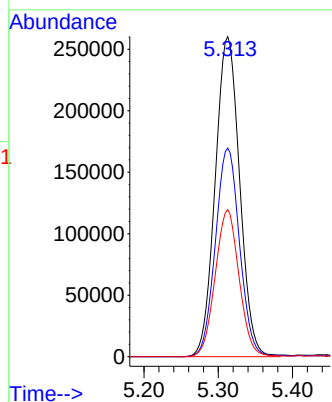
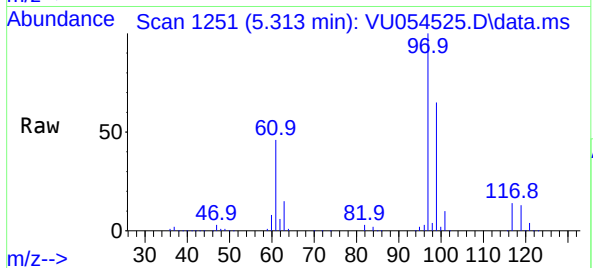




#29
1,1,1-Trichloroethane
Concen: 16.192 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU054525.D
Acq: 15 Jun 2023 14:46

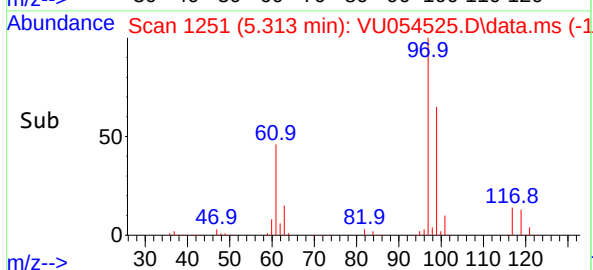
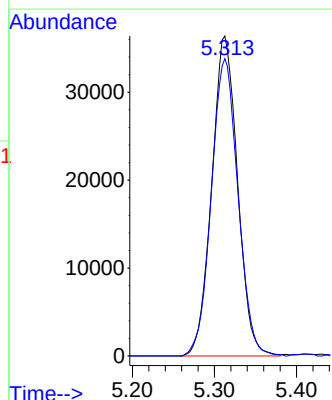
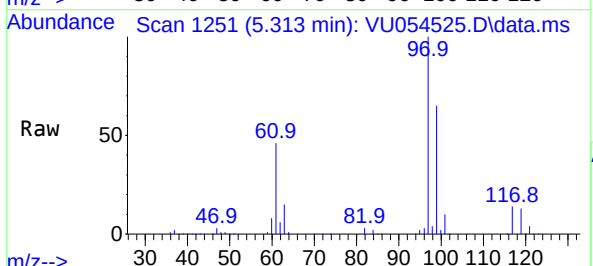
Instrument :
MSVOA_U
ClientSampleId :
EXYX0

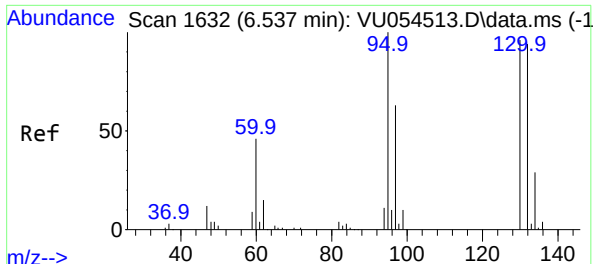
Tgt Ion: 97 Resp: 595161
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 44.9 36.1 54.1



#31
Carbon tetrachloride
Concen: 2.512 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. -0.209 min
Lab File: VU054525.D
Acq: 15 Jun 2023 14:46

Tgt Ion: 117 Resp: 79563
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2



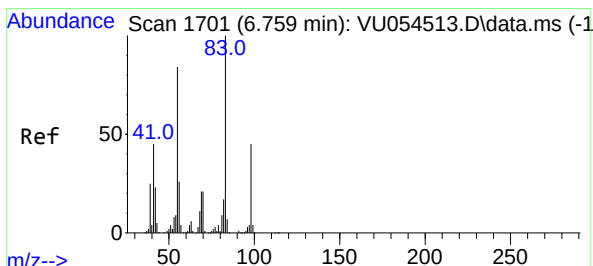
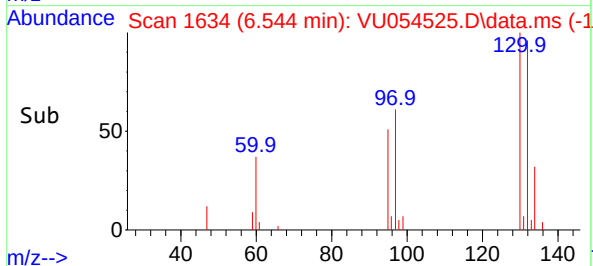
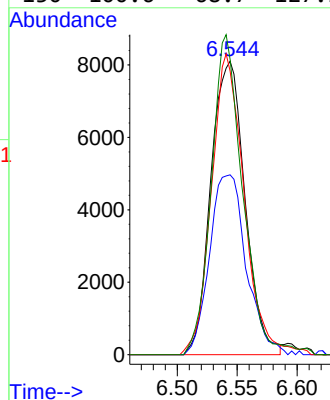
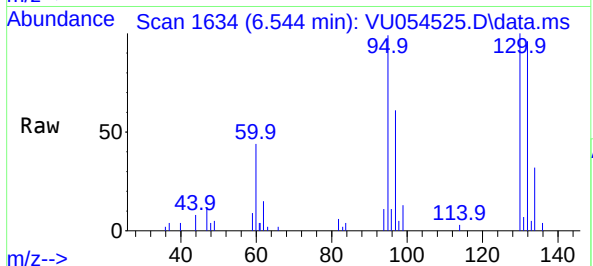


#34
Trichloroethene
Concen: 0.621 ug/L
RT: 6.544 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU054525.D
Acq: 15 Jun 2023 14:46

Instrument :
MSVOA_U
ClientSampleId :
EXYX0

Tgt Ion: 95 Resp: 16010

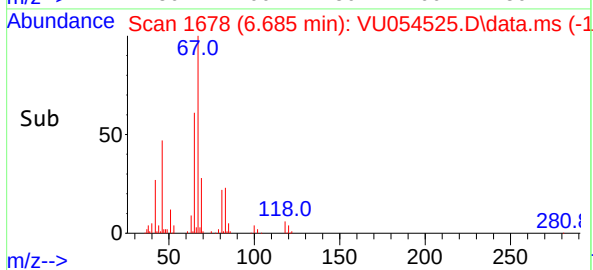
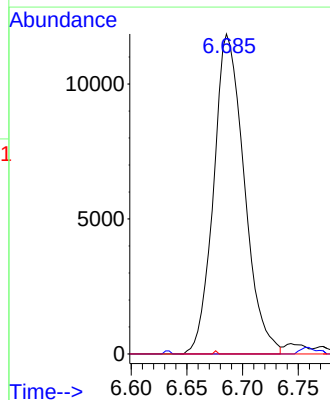
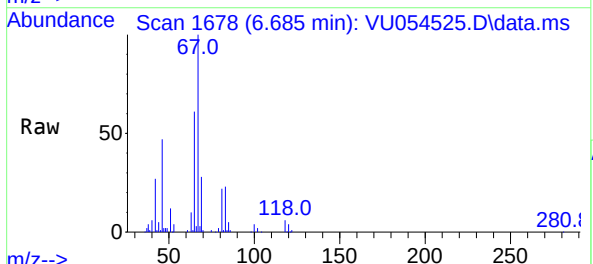
Ion	Ratio	Lower	Upper
95	100		
97	61.3	46.8	87.0
132	96.6	68.4	127.0
130	100.6	68.7	127.5

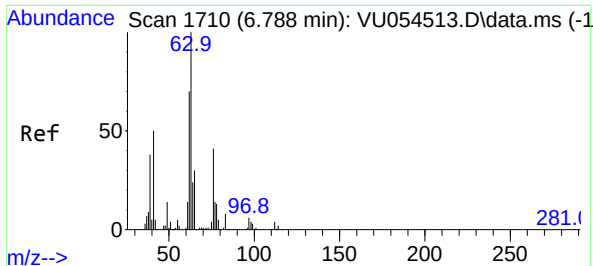


#35
Methylcyclohexane
Concen: 0.582 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054525.D
Acq: 15 Jun 2023 14:46

Tgt Ion: 83 Resp: 22655

Ion	Ratio	Lower	Upper
83	100		
55	0.2	67.1	100.7#
98	2.8	35.1	52.7#

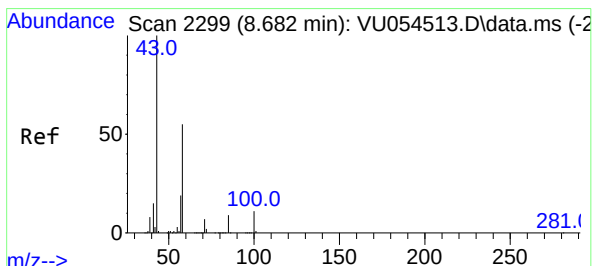
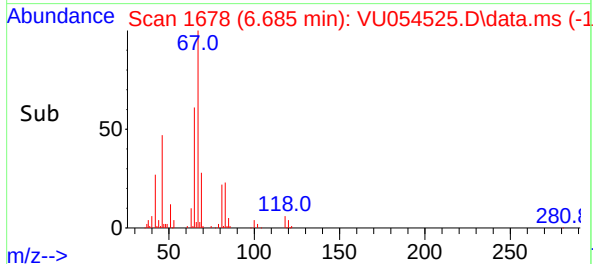
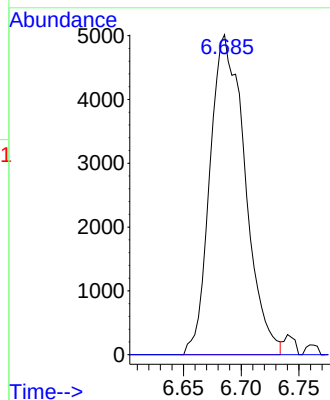
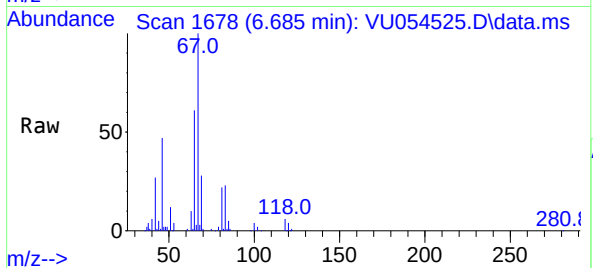




#37
1,2-Dichloropropane
Concen: 0.403 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU054525.D
Acq: 15 Jun 2023 14:46

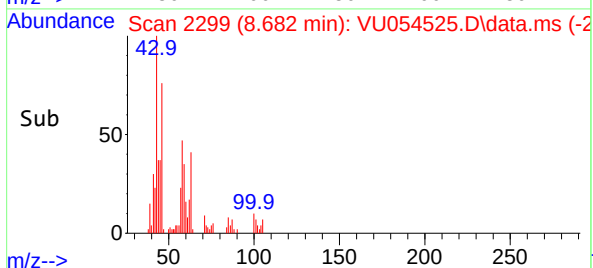
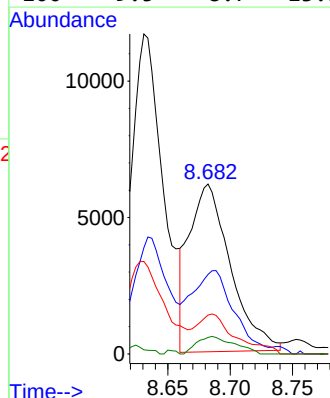
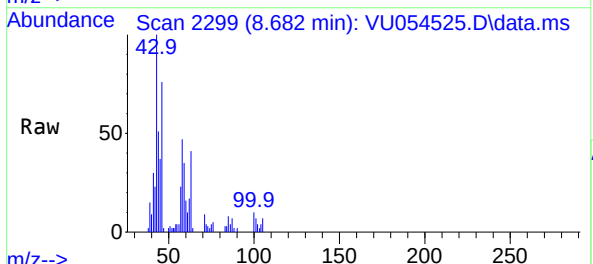
Instrument :
MSVOA_U
ClientSampleId :
EXYX0

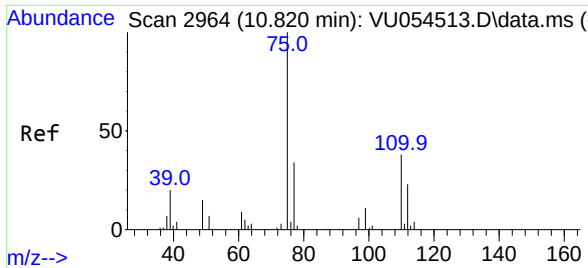
Tgt Ion: 63 Resp: 10611
Ion Ratio Lower Upper
63 100
112 0.8 3.0 4.6#



#48
2-Hexanone
Concen: 1.351 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054525.D
Acq: 15 Jun 2023 14:46

Tgt Ion: 43 Resp: 14151
Ion Ratio Lower Upper
43 100
58 46.4 45.2 67.8
57 22.4 15.8 23.6
100 9.5 8.7 13.1





#61
1,2,3-Trichloropropane
Concen: 1.176 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU054525.D
Acq: 15 Jun 2023 14:46

Instrument :
MSVOA_U
ClientSampleId :
EXYX0

Tgt Ion: 75 Resp: 15806
Ion Ratio Lower Upper
75 100
110 3.1 28.0 42.0#
77 35.2 25.4 38.2

