

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
 Data File : VU055562.D
 Acq On : 27 Sep 2023 19:37
 Operator : MD/SY
 Sample : 04530-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 23:37:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

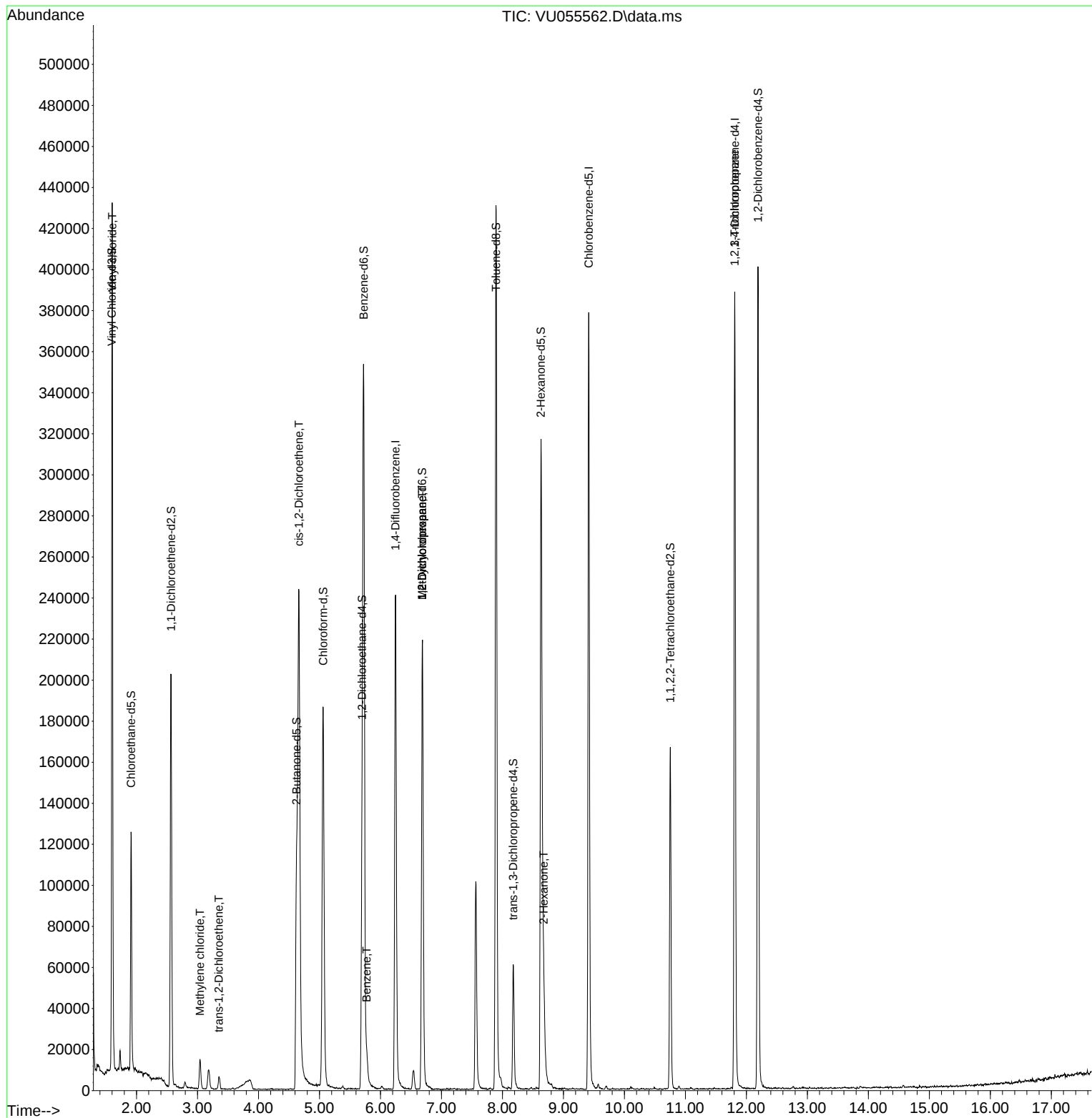
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	203032	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	215184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	107777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	97461	4.749	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.911	69	80445	4.448	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.566	65	37573	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.624	46	181819	49.055	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.100%
24) Chloroform-d	5.062	84	175741	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.698	65	86032	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.724	84	349320	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.685	67	108100	4.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.897	98	303321	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.177	79	36048	4.568	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.631	63	98314	40.956	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83832	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	108179	4.973	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	214653	11.442	ug/L	100
16) Methylene chloride	3.039	84	7257	0.427	ug/L	87
18) trans-1,2-Dichloroethene	3.351	96	2796	0.195	ug/L	75
22) cis-1,2-Dichloroethene	4.663	96	113342	6.833	ug/L	97
33) Benzene	5.772	78	10927	0.176	ug/L	100
35) Methylcyclohexane	6.685	83	25580	1.014	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	11823	0.730	ug/L #	88
48) 2-Hexanone	8.679	43	21372	3.753	ug/L	87
61) 1,2,3-Trichloropropane	11.807	75	13307	1.582	ug/L #	67

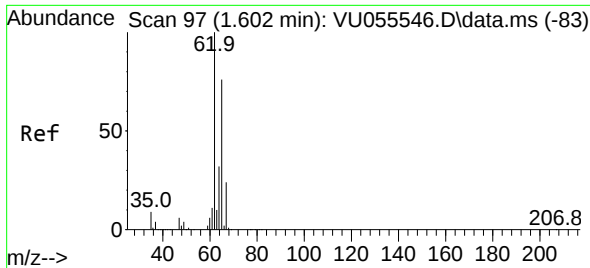
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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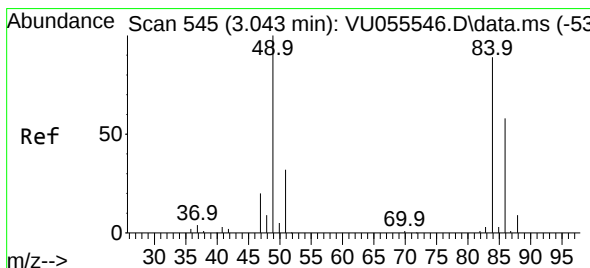
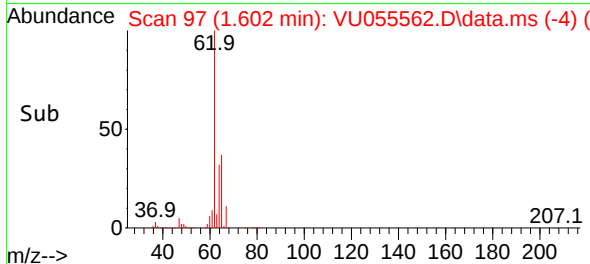
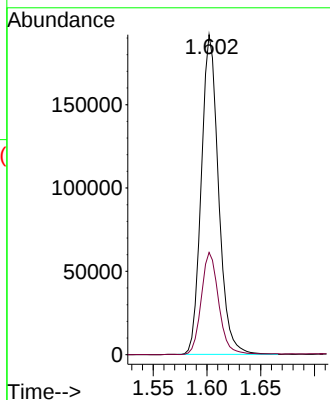
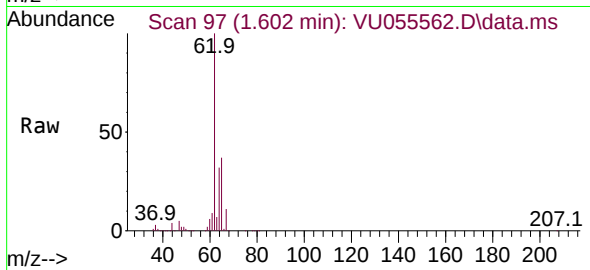




#5
 Vinyl chloride
 Concen: 11.442 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055562.D
 Acq: 27 Sep 2023 19:37

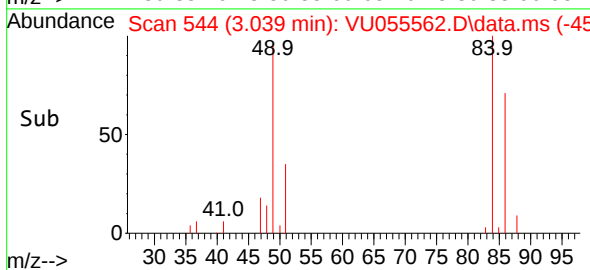
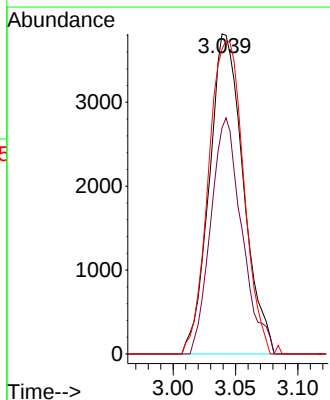
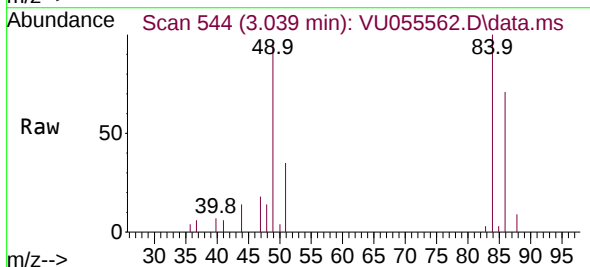
Instrument :
 MSVOA_U
 ClientSampleId :

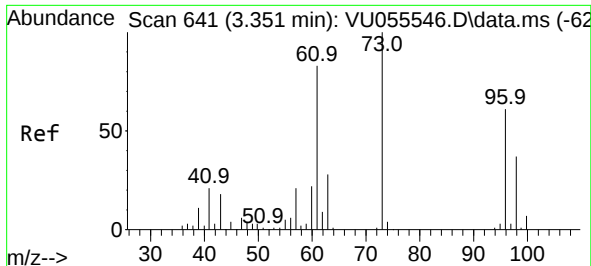
Tgt Ion: 62 Resp: 214653
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.3 41.5



#16
 Methylene chloride
 Concen: 0.427 ug/L
 RT: 3.039 min Scan# 544
 Delta R.T. -0.004 min
 Lab File: VU055562.D
 Acq: 27 Sep 2023 19:37

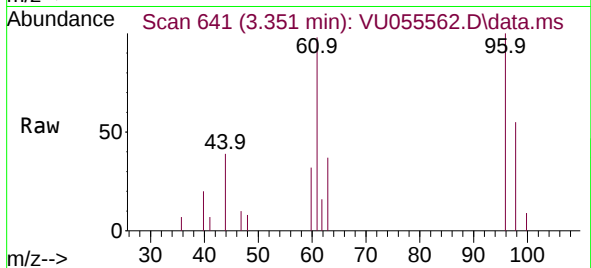
Tgt Ion: 84 Resp: 7257
 Ion Ratio Lower Upper
 84 100
 86 70.7 44.9 83.3
 49 95.3 78.8 146.3





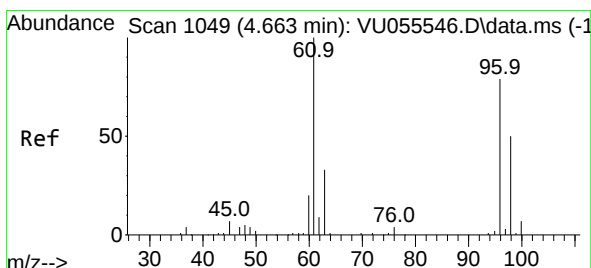
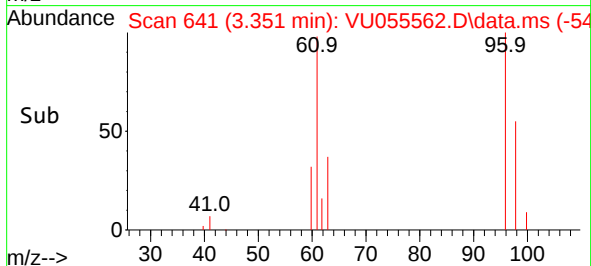
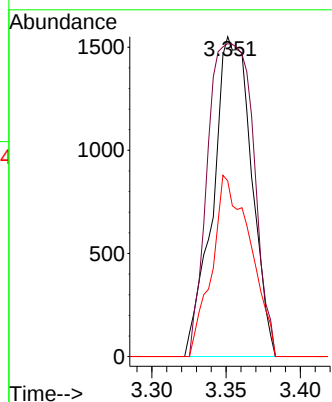
#18
trans-1,2-Dichloroethene
Concen: 0.195 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055562.D
Acq: 27 Sep 2023 19:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 2796

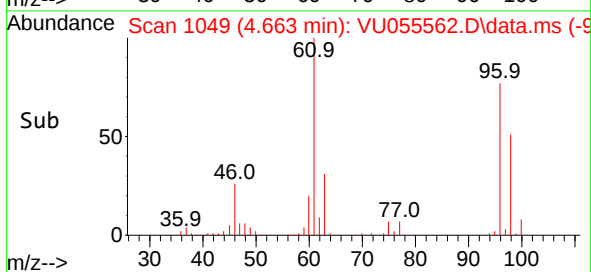
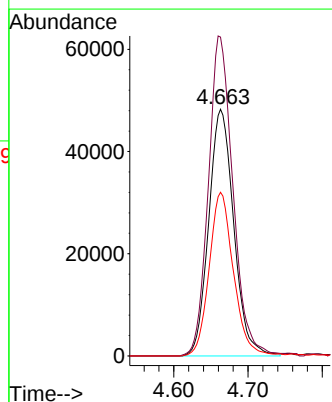
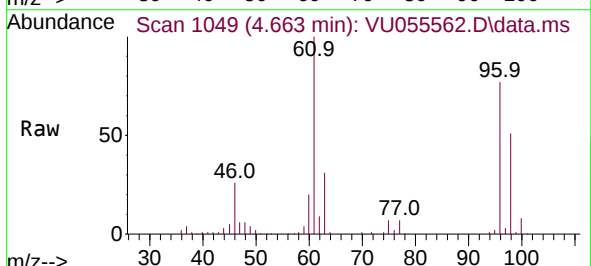
Ion	Ratio	Lower	Upper
96	100		
61	97.8	94.6	175.6
98	54.9	45.7	84.9

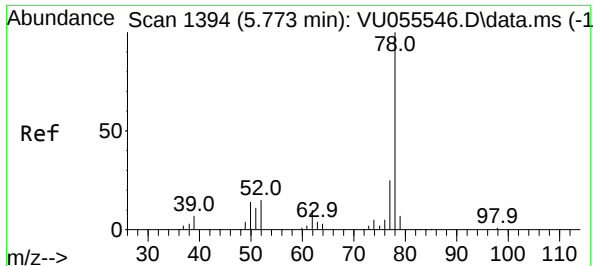


#22
cis-1,2-Dichloroethene
Concen: 6.833 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055562.D
Acq: 27 Sep 2023 19:37

Tgt Ion: 96 Resp: 113342

Ion	Ratio	Lower	Upper
96	100		
61	129.3	87.8	163.2
98	66.4	44.4	82.4

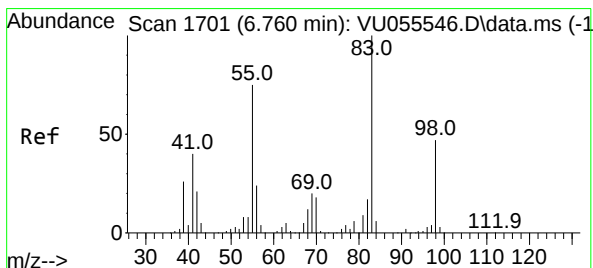
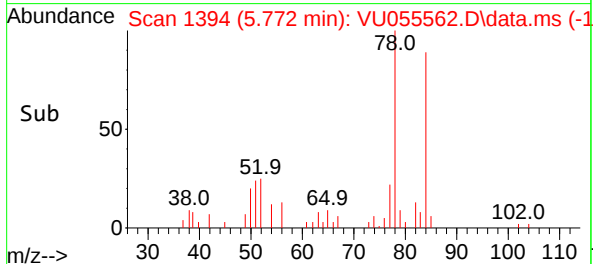
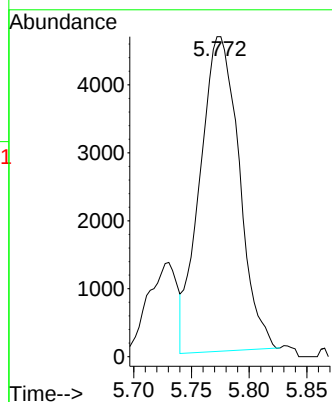
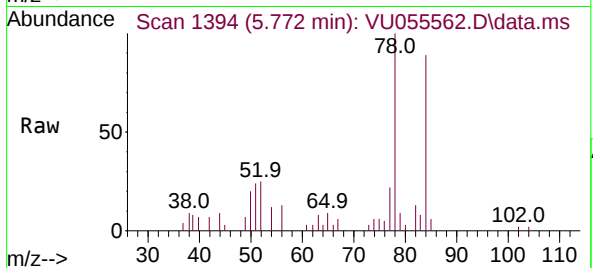




#33
Benzene
Concen: 0.176 ug/L
RT: 5.772 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055562.D
Acq: 27 Sep 2023 19:37

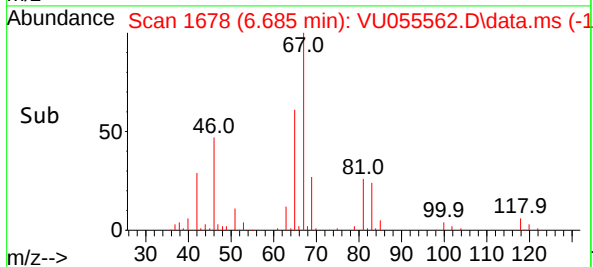
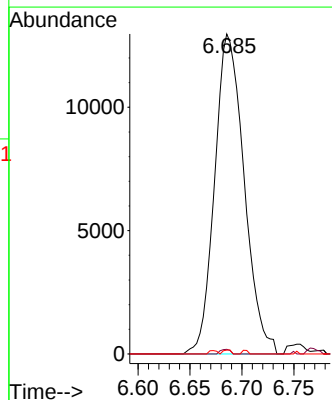
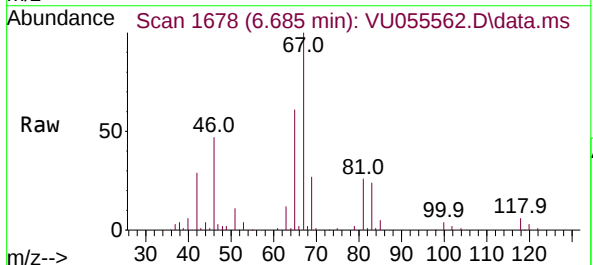
Instrument :
MSVOA_U
ClientSampleId :

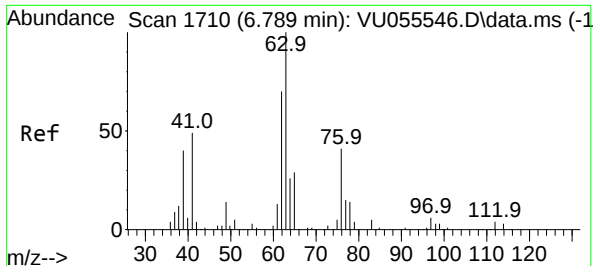
Tgt Ion: 78 Resp: 10927



#35
Methylcyclohexane
Concen: 1.014 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055562.D
Acq: 27 Sep 2023 19:37

Tgt Ion: 83 Resp: 25580
Ion Ratio Lower Upper
83 100
55 0.5 59.1 88.7#
98 0.3 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.730 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU055562.D

Acq: 27 Sep 2023 19:37

Instrument :

MSVOA_U

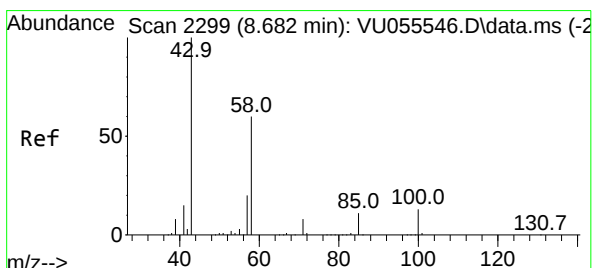
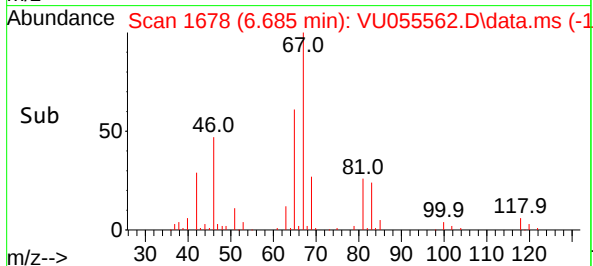
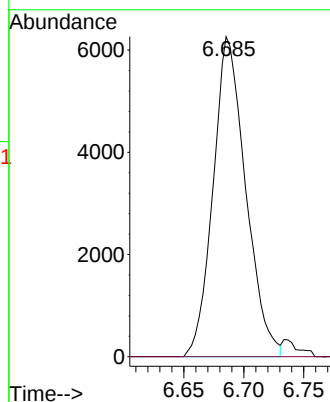
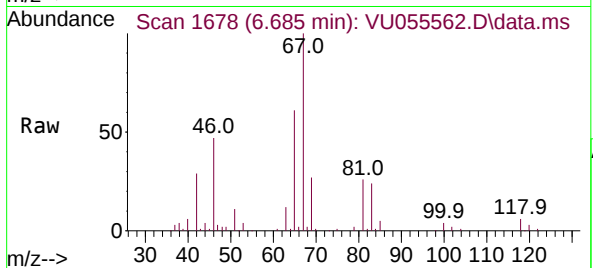
ClientSampleId :

Tgt Ion: 63 Resp: 11823

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#48

2-Hexanone

Concen: 3.753 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.004 min

Lab File: VU055562.D

Acq: 27 Sep 2023 19:37

Tgt Ion: 43 Resp: 21372

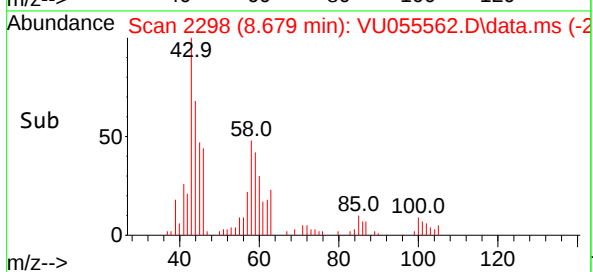
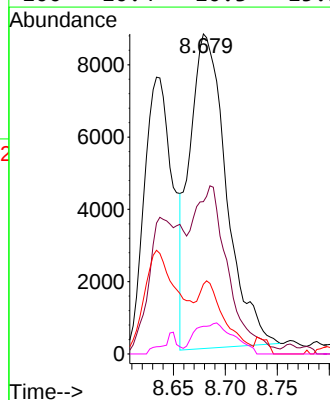
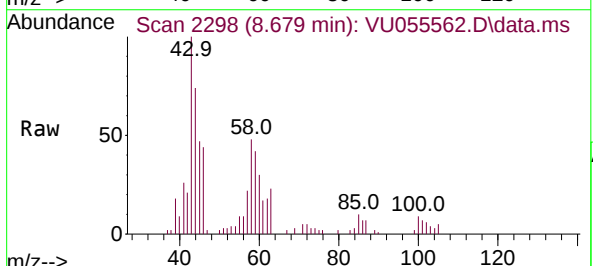
Ion Ratio Lower Upper

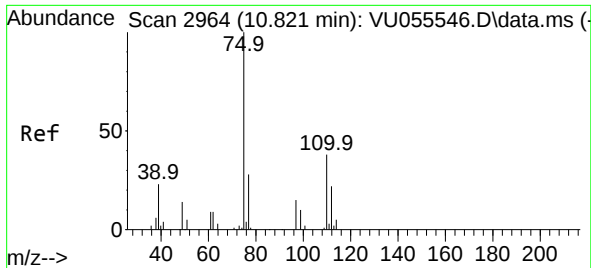
43 100

58 48.8 48.5 72.7

57 17.0 17.0 25.4

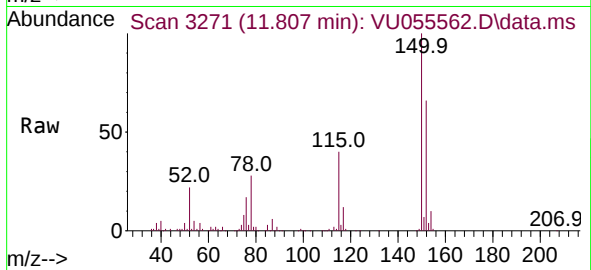
100 10.4 10.3 15.5





#61
 1,2,3-Trichloropropane
 Concen: 1.582 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055562.D
 Acq: 27 Sep 2023 19:37

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.8	30.6	45.8#
77	32.6	26.7	40.1

