

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055969.D
 Acq On : 28 Oct 2023 13:15
 Operator : MD/SY
 Sample : 05009-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:53:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

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

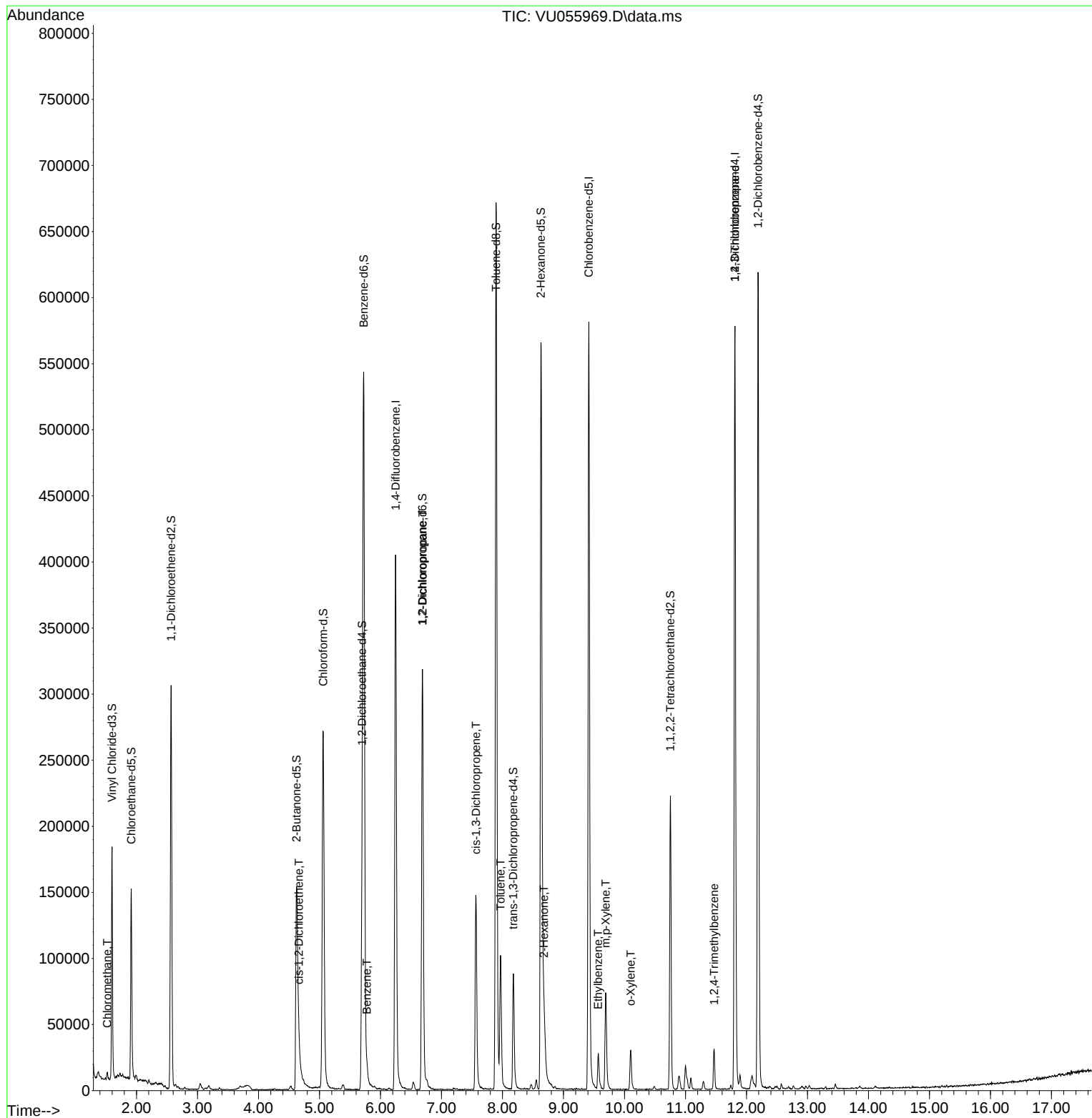
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	348320	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	348668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	167335	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	126920	4.606	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.914	69	113143	5.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.566	65	59294	5.069	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.624	46	257190	52.322	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.640%
24) Chloroform-d	5.058	84	263956	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.698	65	124118	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.724	84	543906	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.685	67	163047	5.296	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.894	98	477059	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	8.177	79	56990	4.733	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.631	63	209381	68.497	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.000%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	115351	5.145	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	171249	5.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.521	50	4362	0.230	ug/L	87
22) cis-1,2-Dichloroethene	4.663	96	2164	0.107	ug/L	86
33) Benzene	5.775	78	10742	0.140	ug/L	100
37) 1,2-Dichloropropane	6.688	63	16634	0.814	ug/L #	89
39) cis-1,3-Dichloropropene	7.566	75	4116	0.141	ug/L #	62
42) Toluene	7.968	91	76078	0.946	ug/L	98
48) 2-Hexanone	8.682	43	21858	2.823	ug/L #	87
52) Ethylbenzene	9.569	91	20141	0.221	ug/L	95
53) m,p-Xylene	9.692	106	23429	0.688	ug/L	96
54) o-Xylene	10.103	106	8271	0.248	ug/L	90
61) 1,2,3-Trichloropropane	11.810	75	18992	1.653	ug/L #	64
63) 1,2,4-Trimethylbenzene	11.470	105	17632	0.279	ug/L	99

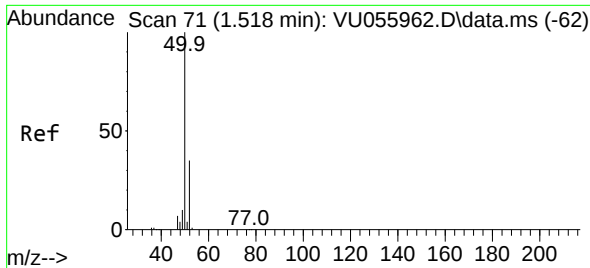
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
Data File : VU055969.D
Acq On : 28 Oct 2023 13:15
Operator : MD/SY
Sample : 05009-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 30 04:53:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 30 04:51:15 2023
Response via : Initial Calibration

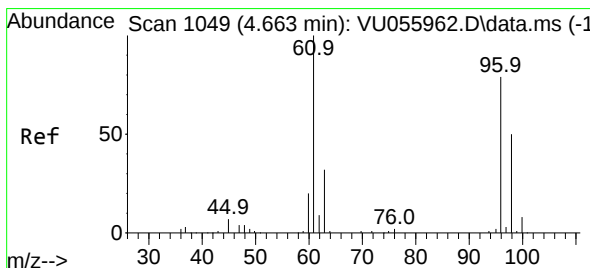
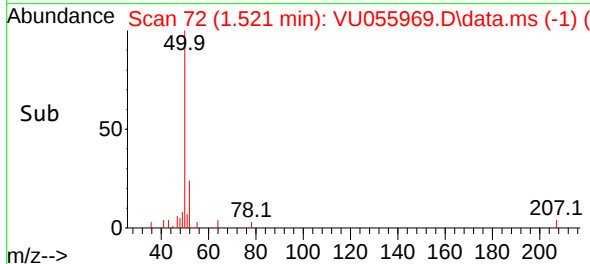
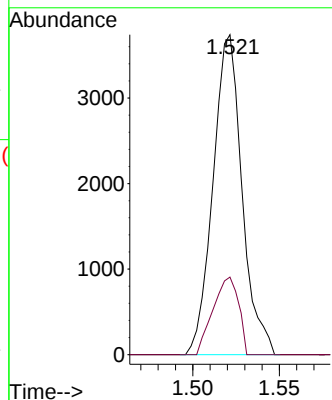
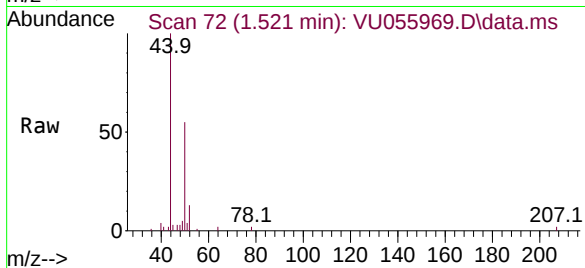




#3
Chloromethane
Concen: 0.230 ug/L
RT: 1.521 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

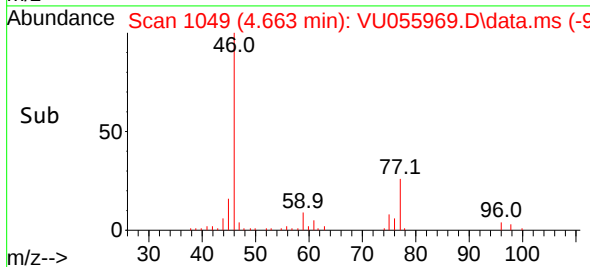
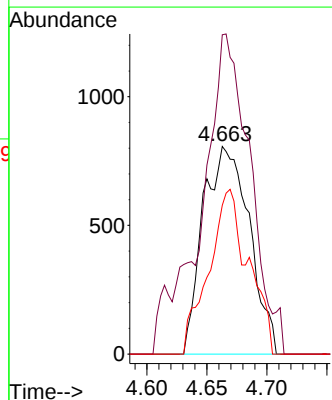
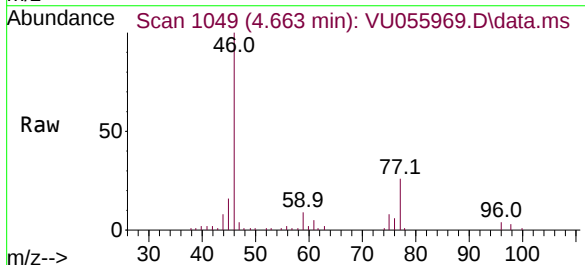
Instrument :
MSVOA_U
ClientSampleId :

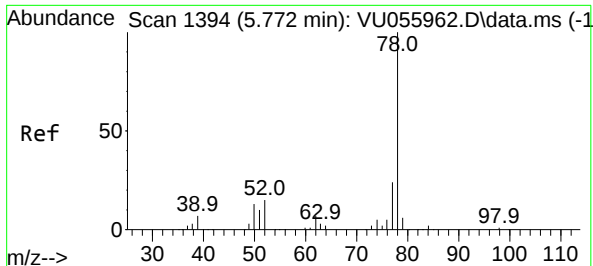
Tgt Ion: 50 Resp: 4362
Ion Ratio Lower Upper
50 100
52 24.3 22.0 40.8



#22
cis-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

Tgt Ion: 96 Resp: 2164
Ion Ratio Lower Upper
96 100
61 153.8 93.8 174.2
98 71.6 45.6 84.8

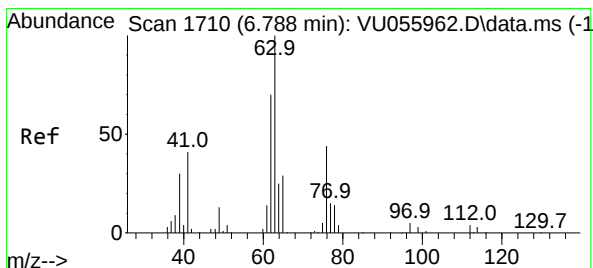
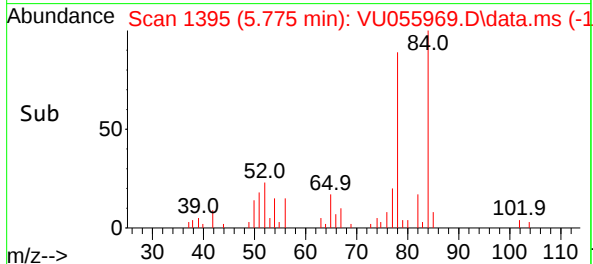
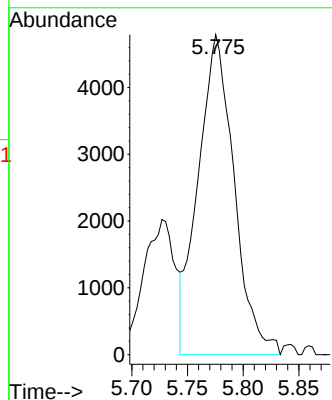
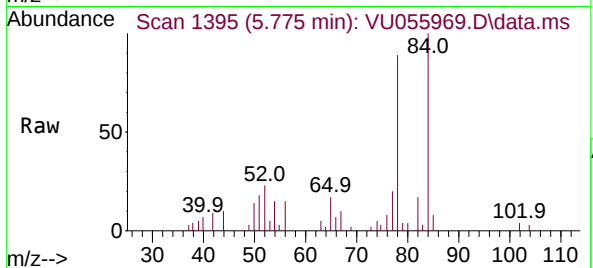




#33
Benzene
Concen: 0.140 ug/L
RT: 5.775 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

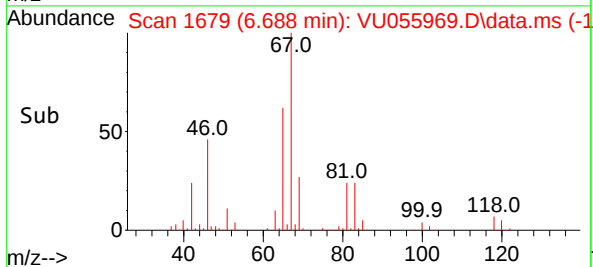
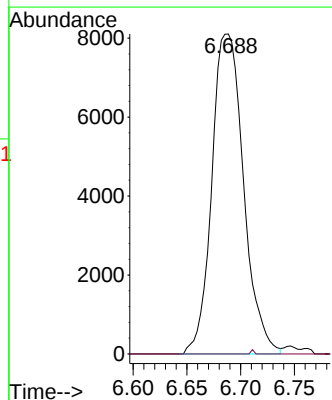
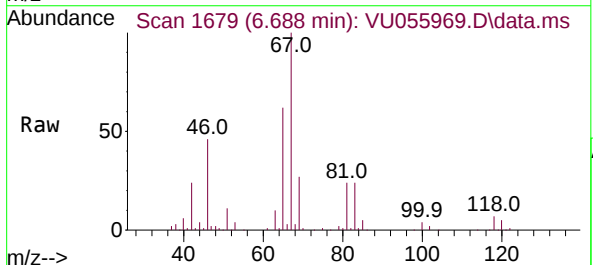
Instrument :
MSVOA_U
ClientSampleId :

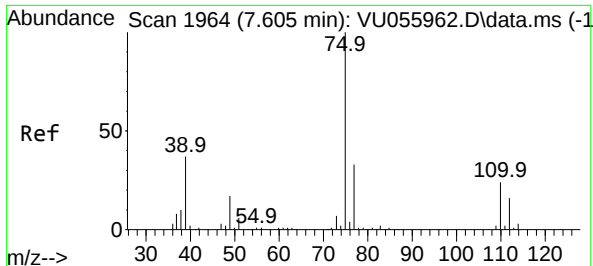
Tgt Ion: 78 Resp: 10742



#37
1,2-Dichloropropane
Concen: 0.814 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

Tgt Ion: 63 Resp: 16634
Ion Ratio Lower Upper
63 100
112 0.1 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.141 ug/L

RT: 7.566 min Scan# 1964

Delta R.T. -0.039 min

Lab File: VU055969.D

Acq: 28 Oct 2023 13:15

Instrument :

MSVOA_U

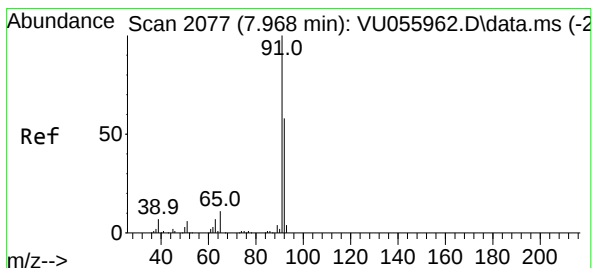
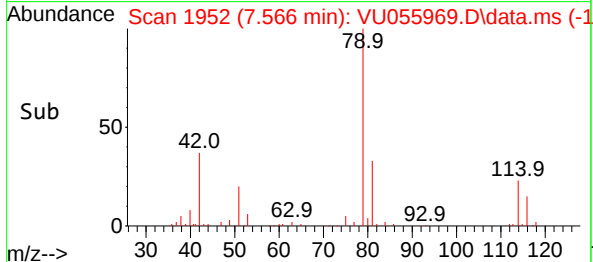
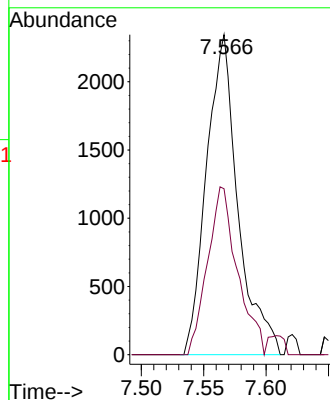
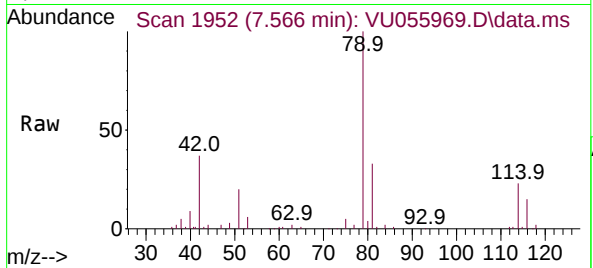
ClientSampleId :

Tgt Ion: 75 Resp: 4116

Ion Ratio Lower Upper

75 100

77 51.9 21.7 40.3#



#42

Toluene

Concen: 0.946 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. -0.000 min

Lab File: VU055969.D

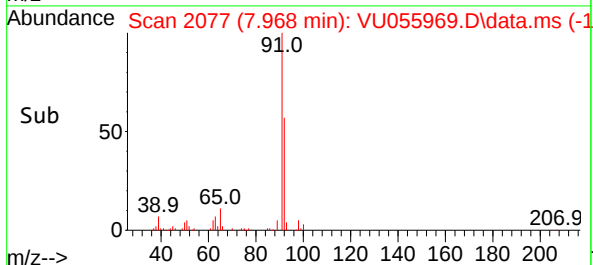
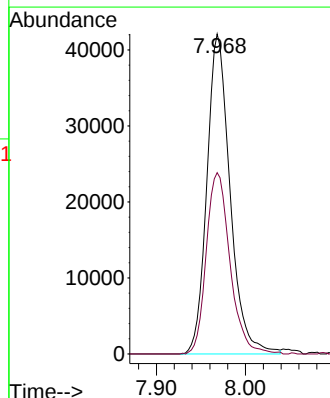
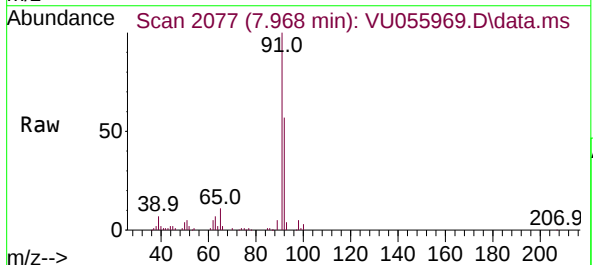
Acq: 28 Oct 2023 13:15

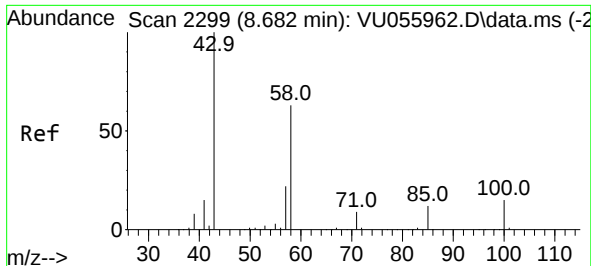
Tgt Ion: 91 Resp: 76078

Ion Ratio Lower Upper

91 100

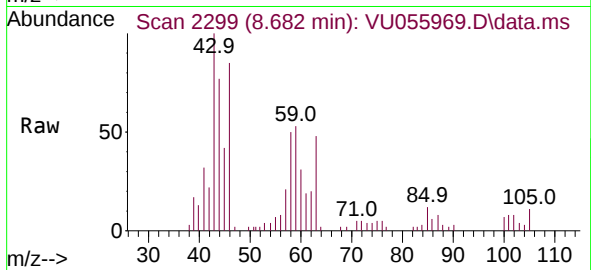
92 56.7 40.6 75.4



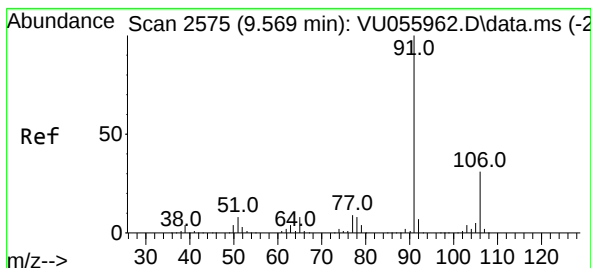
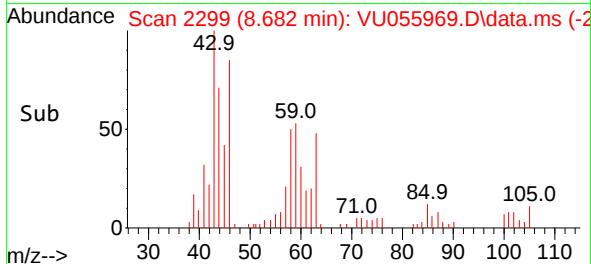
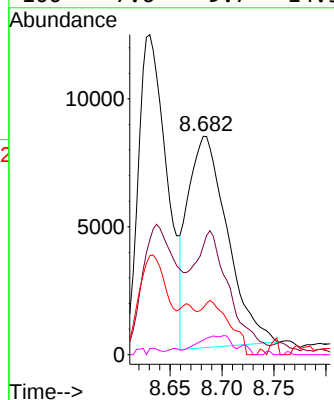


#48
2-Hexanone
Concen: 2.823 ug/L
RT: 8.682 min Scan# 21858
Delta R.T. -0.000 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

Instrument :
MSVOA_U
ClientSampleId :

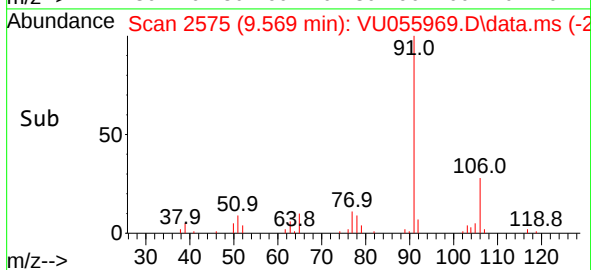
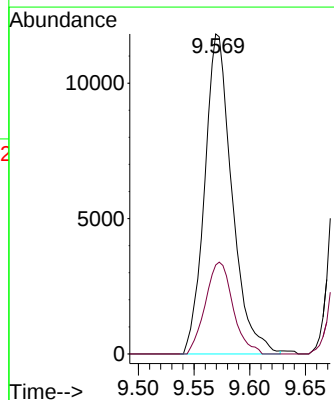
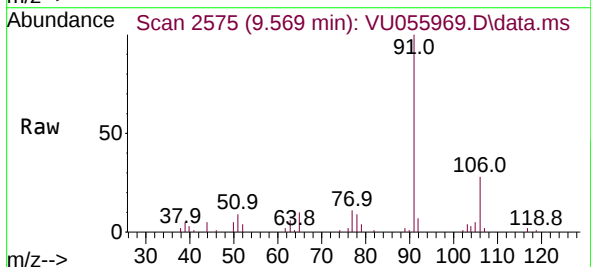


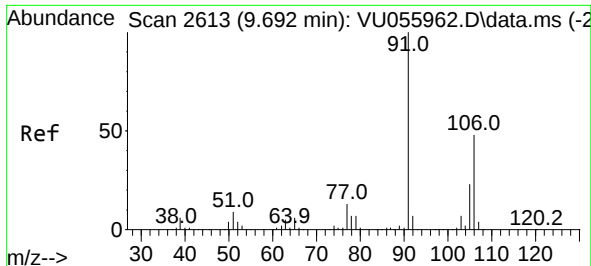
Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.1	49.5	74.3
57	16.9	16.9	25.3
100	7.6	9.7	14.5



#52
Ethylbenzene
Concen: 0.221 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. -0.000 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.8	21.3	39.5

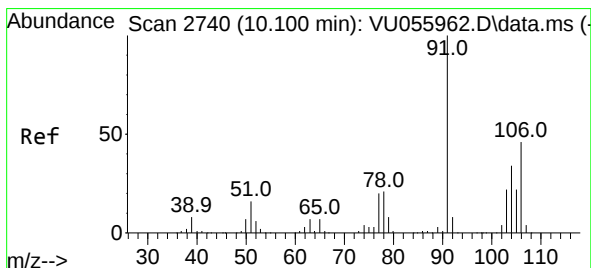
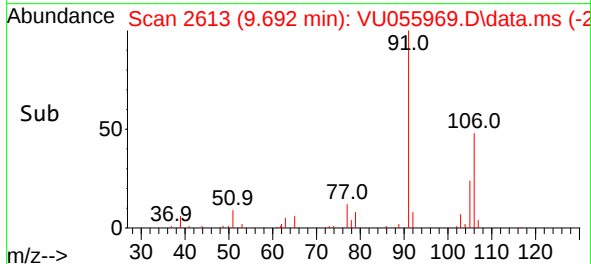
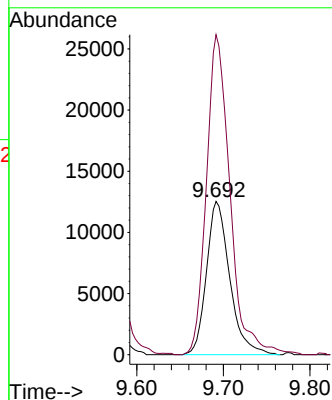
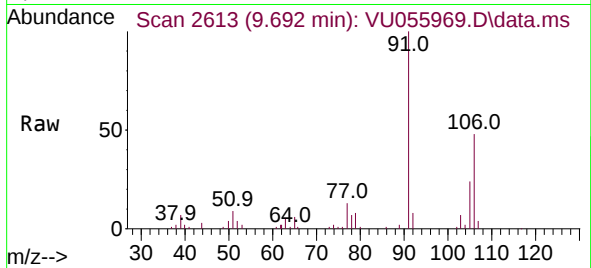




#53
m,p-Xylene
Concen: 0.688 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

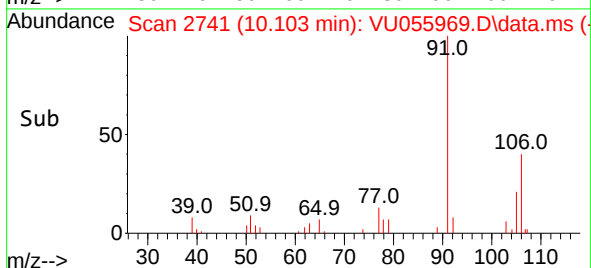
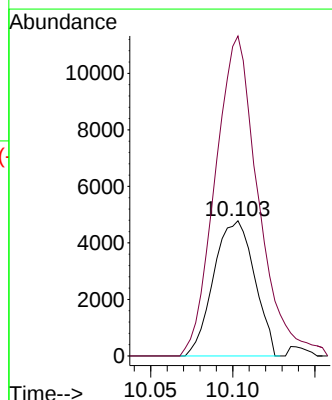
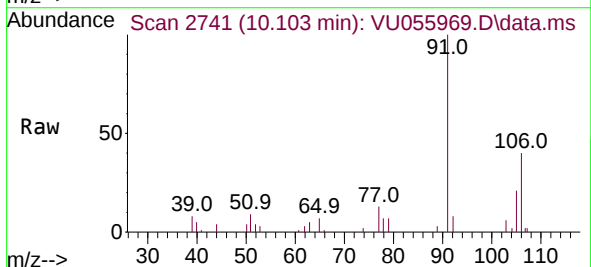
Instrument :
MSVOA_U
ClientSampleId :

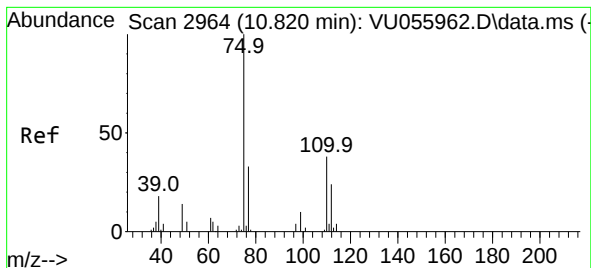
Tgt Ion:106 Resp: 23429
Ion Ratio Lower Upper
106 100
91 208.8 150.4 279.2



#54
o-Xylene
Concen: 0.248 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.003 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

Tgt Ion:106 Resp: 8271
Ion Ratio Lower Upper
106 100
91 236.7 154.6 287.2





#61

1,2,3-Trichloropropane

Concen: 1.653 ug/L

RT: 11.810 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU055969.D

Acq: 28 Oct 2023 13:15

Instrument :

MSVOA_U

ClientSampleId :

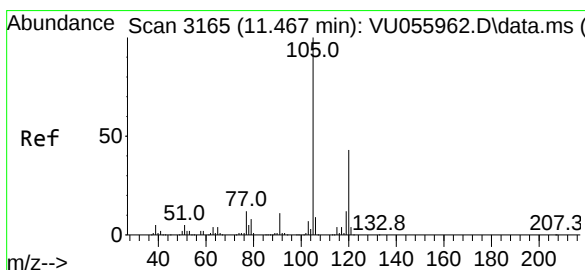
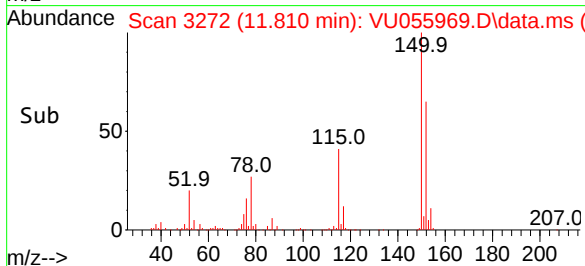
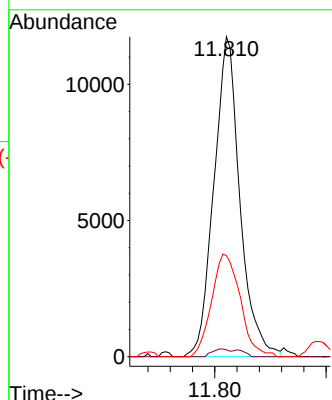
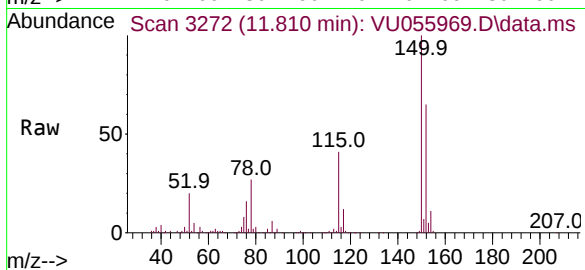
Tgt Ion: 75 Resp: 18992

Ion Ratio Lower Upper

75 100

110 1.6 29.0 43.6#

77 35.3 24.5 36.7



#63

1,2,4-Trimethylbenzene

Concen: 0.279 ug/L

RT: 11.470 min Scan# 3166

Delta R.T. 0.003 min

Lab File: VU055969.D

Acq: 28 Oct 2023 13:15

Tgt Ion:105 Resp: 17632

Ion Ratio Lower Upper

105 100

120 44.0 34.6 52.0

