

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056413.D
 Acq On : 16 Nov 2023 17:33
 Operator : MD/SY
 Sample : 05371-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDP0

Quant Time: Nov 17 01:39:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 01:31:28 2023
 Response via : Initial Calibration

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

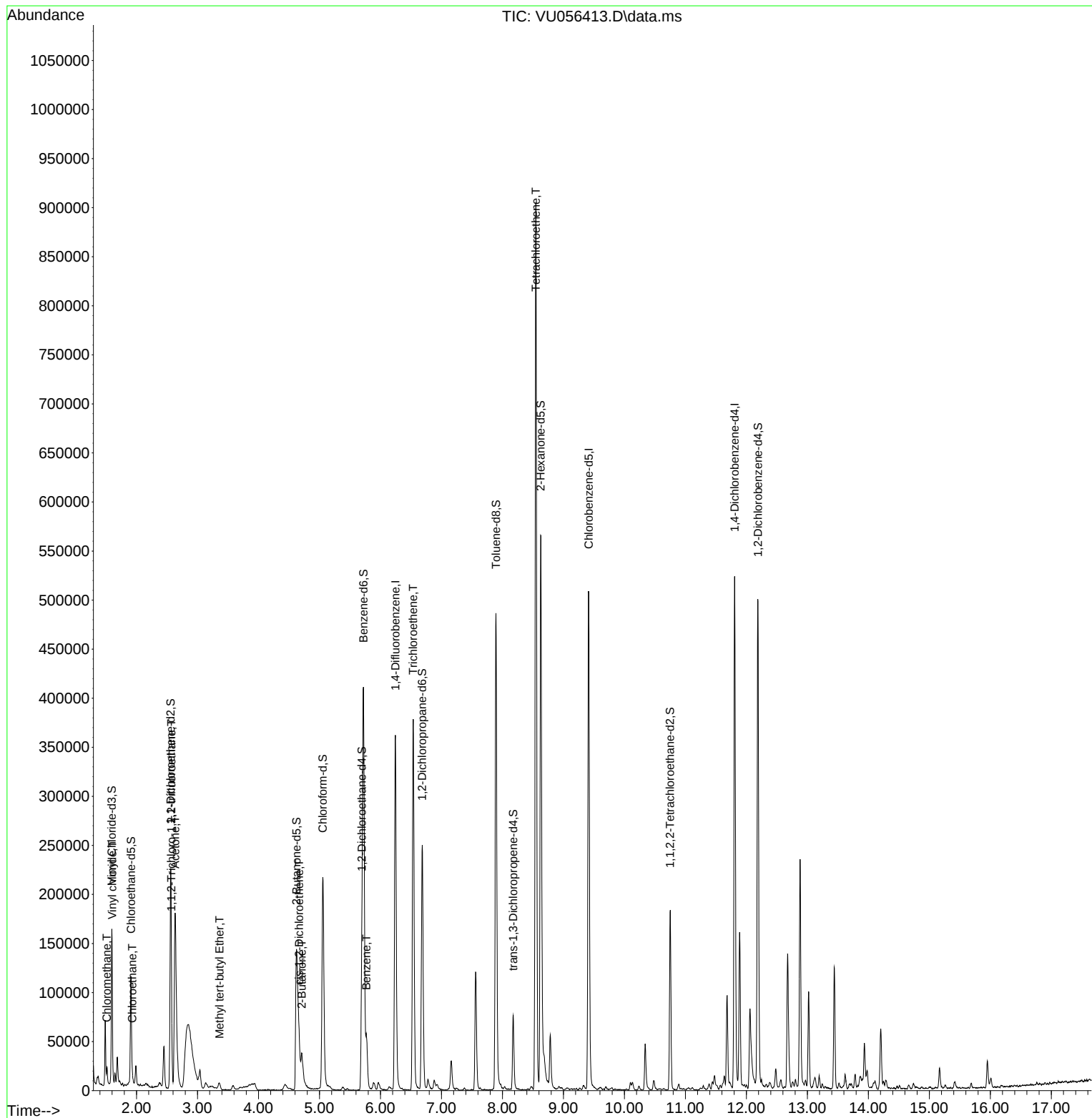
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	295396	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	296802	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	138227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	90823	4.111	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.911	69	76447	4.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.560	65	42023	4.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.624	46	241227	54.753	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.500%
24) Chloroform-d	5.055	84	203557	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.695	65	101928	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.721	84	390589	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.685	67	125007	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.894	98	331753	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.177	79	45596	4.461	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.627	63	195146	48.582	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.160%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	91171	4.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	127341	4.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	8194	0.343	ug/L	92
5) Vinyl chloride	1.602	62	22794	0.989	ug/L	91
8) Chloroethane	1.930	64	2703	0.192	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	4200	0.213	ug/L #	75
13) Acetone	2.634	43	284955	75.940	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	5025	0.114	ug/L #	72
21) 2-Butanone	4.711	43	55025	11.301	ug/L	100
22) cis-1,2-Dichloroethene	4.666	96	15982	0.757	ug/L	95
33) Benzene	5.769	78	53498	0.632	ug/L	100
34) Trichloroethene	6.537	95	135445	5.870	ug/L	98
47) Tetrachloroethene	8.550	164	191634	12.316	ug/L	99

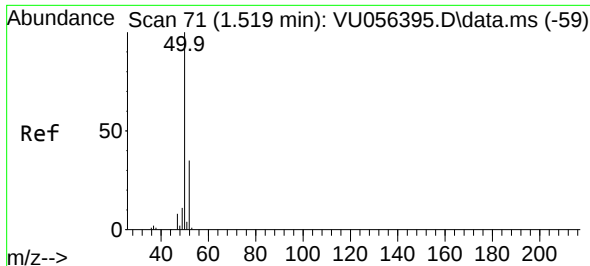
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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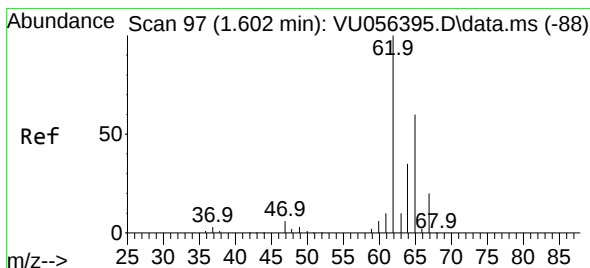
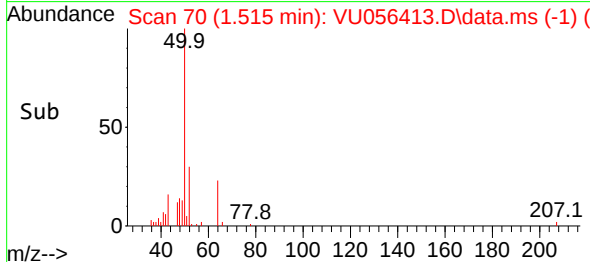
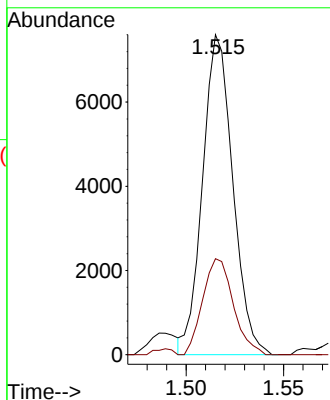
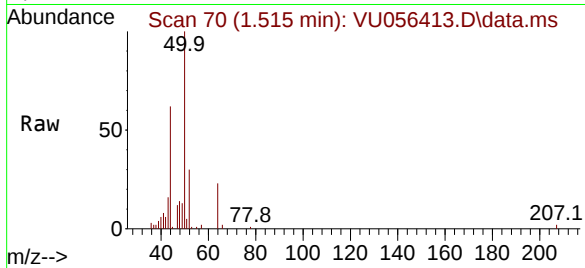




#3
Chloromethane
Concen: 0.343 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.004 min
Lab File: VU056413.D
Acq: 16 Nov 2023 17:33

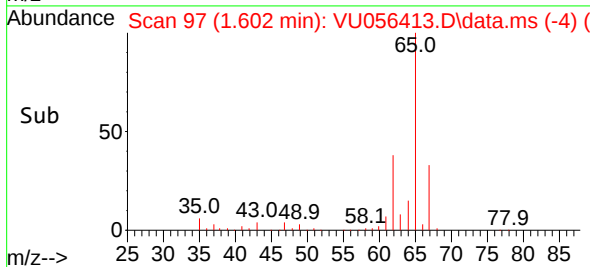
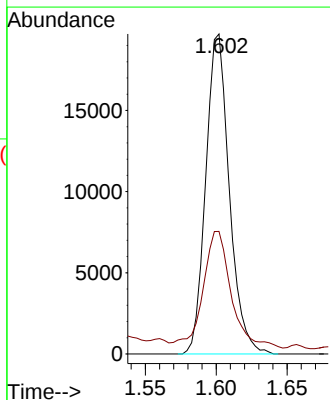
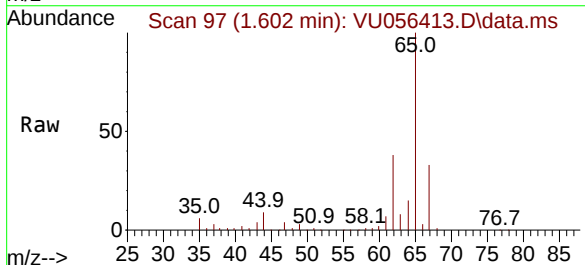
Instrument :
MSVOA_U
ClientSampleId :
GCDP0

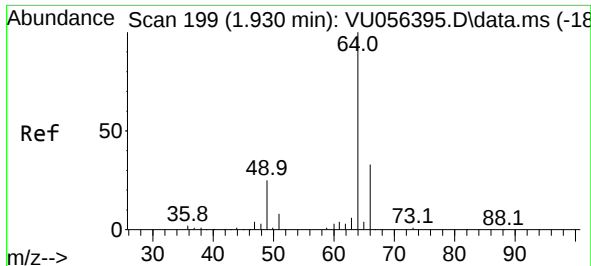
Tgt Ion: 50 Resp: 8194
Ion Ratio Lower Upper
50 100
52 30.0 24.3 45.1



#5
Vinyl chloride
Concen: 0.989 ug/L
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU056413.D
Acq: 16 Nov 2023 17:33

Tgt Ion: 62 Resp: 22794
Ion Ratio Lower Upper
62 100
64 38.3 23.3 43.3

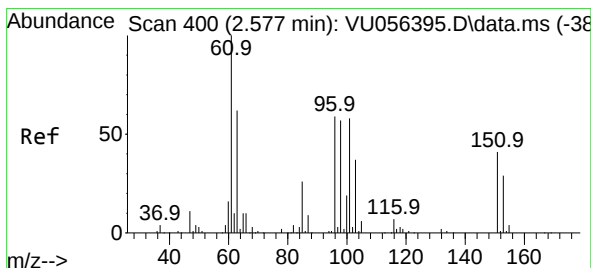
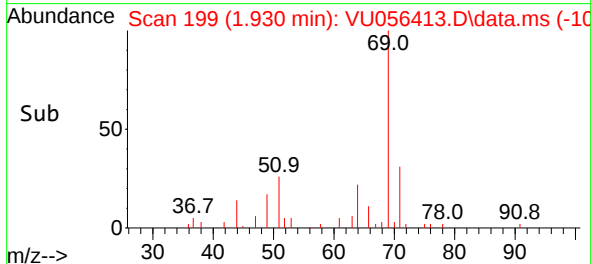
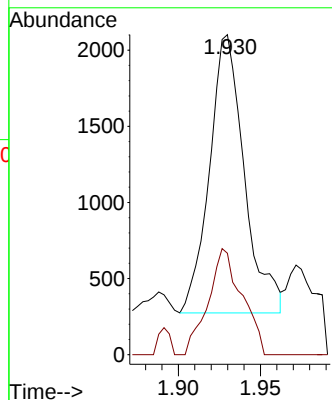
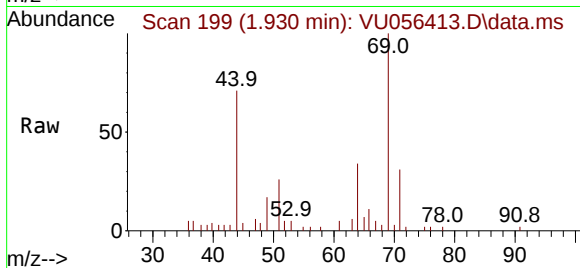




#8
Chloroethane
Concen: 0.192 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056413.D
Acq: 16 Nov 2023 17:33

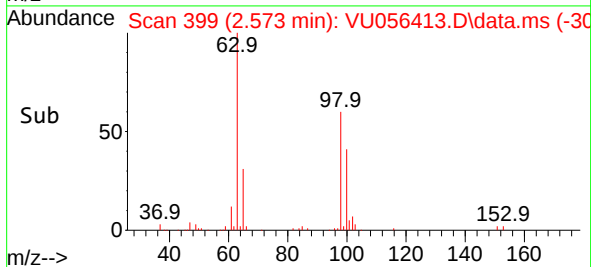
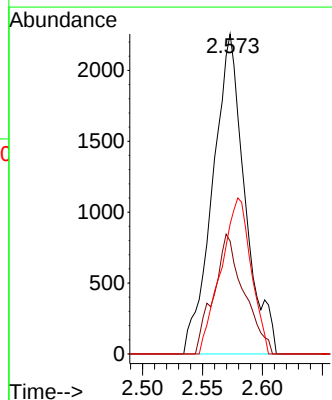
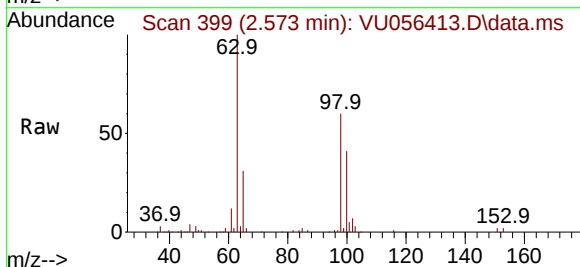
Instrument :
MSVOA_U
ClientSampleId :
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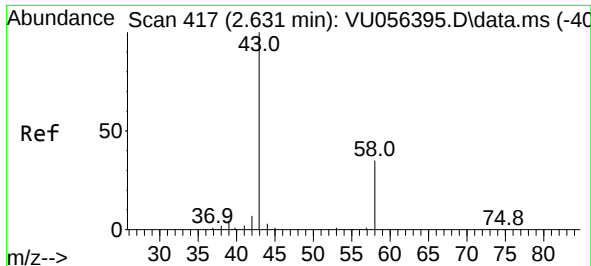
Tgt Ion: 64 Resp: 2703
Ion Ratio Lower Upper
64 100
66 31.7 23.9 44.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.213 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.004 min
Lab File: VU056413.D
Acq: 16 Nov 2023 17:33

Tgt Ion:101 Resp: 4200
Ion Ratio Lower Upper
101 100
85 35.3 35.4 53.0#
151 45.7 58.0 87.0#





#13

Acetone

Concen: 75.940 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU056413.D

Acq: 16 Nov 2023 17:33

Instrument :

MSVOA_U

ClientSampleId :

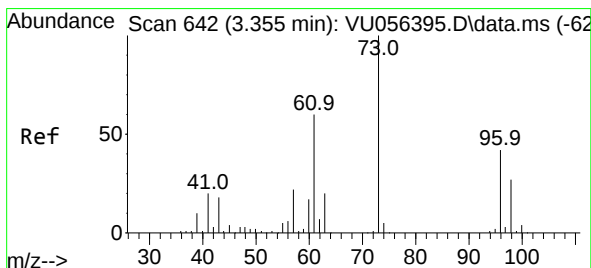
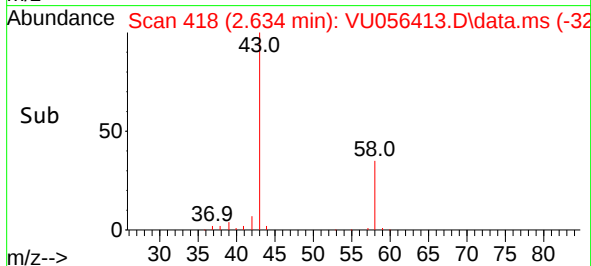
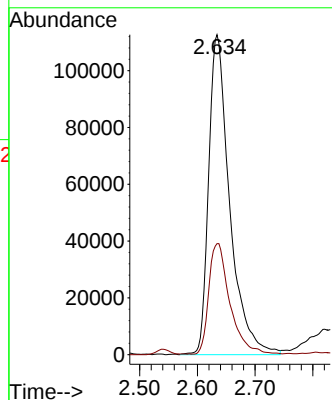
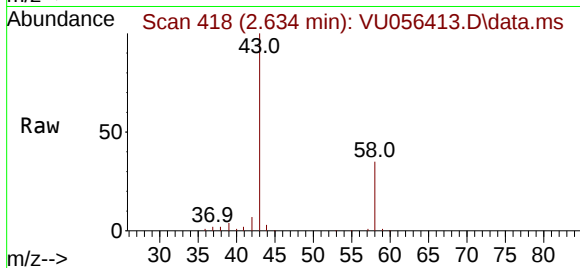
GCDP0

Tgt Ion: 43 Resp: 284955

Ion Ratio Lower Upper

43 100

58 34.8 0.0 70.0



#17

Methyl tert-butyl Ether

Concen: 0.114 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.006 min

Lab File: VU056413.D

Acq: 16 Nov 2023 17:33

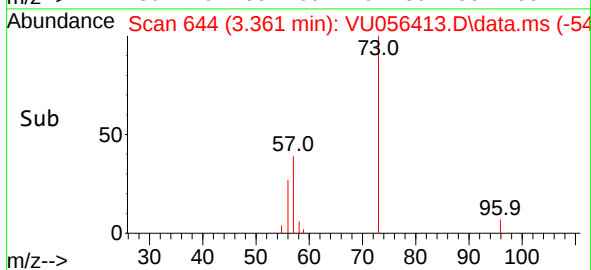
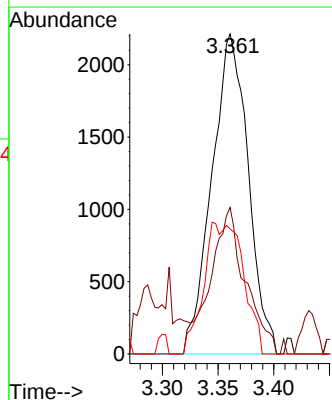
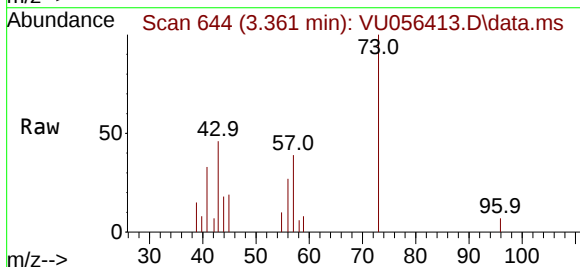
Tgt Ion: 73 Resp: 5025

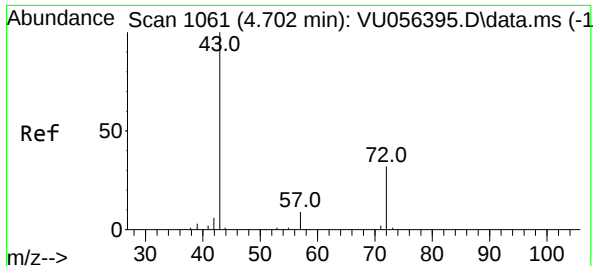
Ion Ratio Lower Upper

73 100

43 43.0 15.1 22.7#

57 19.2 17.8 26.8

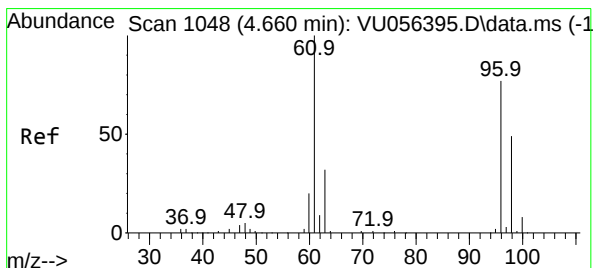
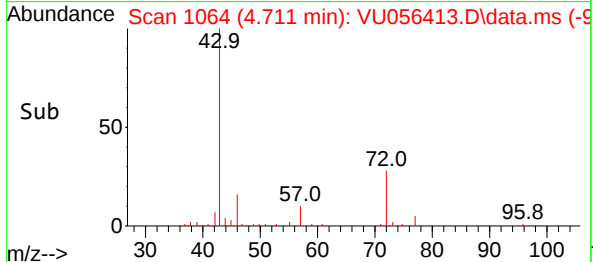
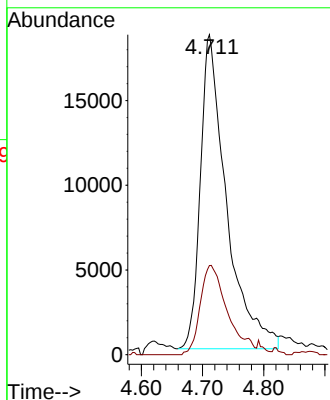
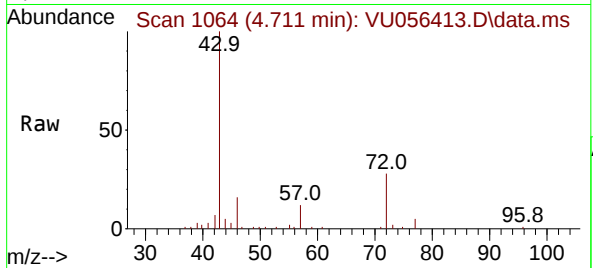




#21
2-Butanone
Concen: 11.301 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.009 min
Lab File: VU056413.D
Acq: 16 Nov 2023 17:33

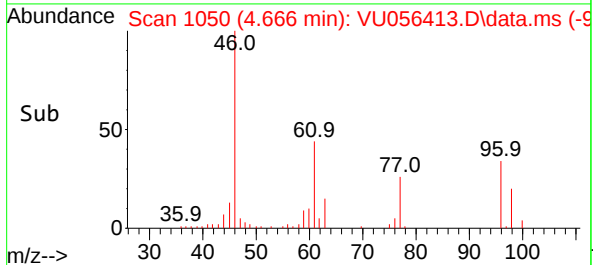
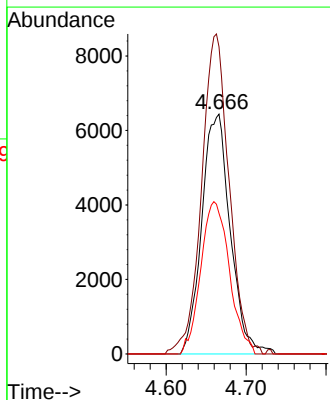
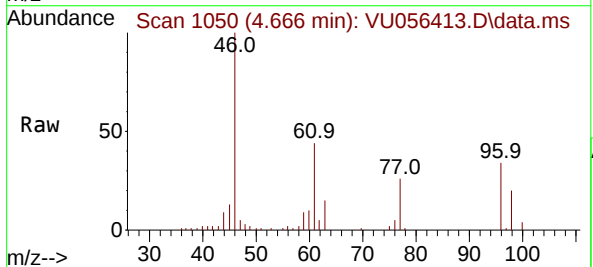
Instrument :
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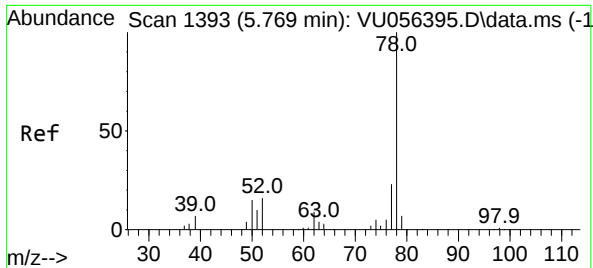
Tgt Ion: 43 Resp: 55025
Ion Ratio Lower Upper
43 100
72 28.2 14.2 42.6



#22
cis-1,2-Dichloroethene
Concen: 0.757 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU056413.D
Acq: 16 Nov 2023 17:33

Tgt Ion: 96 Resp: 15982
Ion Ratio Lower Upper
96 100
61 128.1 93.2 173.2
98 58.7 44.8 83.2

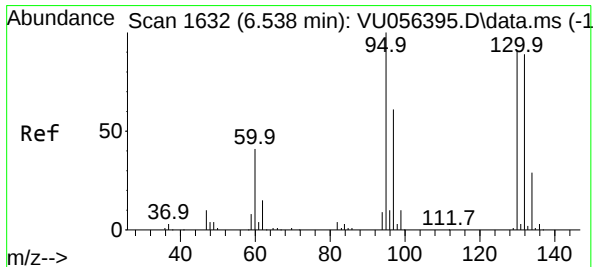
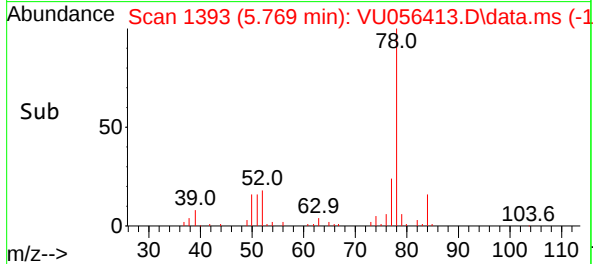
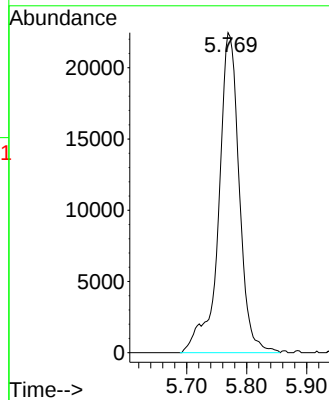
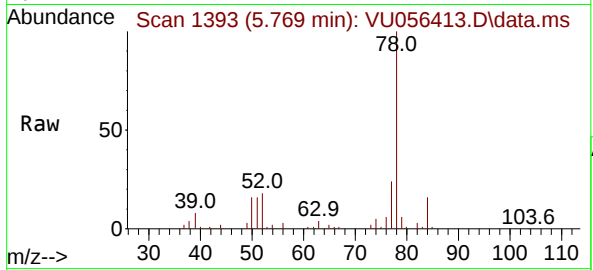




#33
Benzene
Concen: 0.632 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056413.D
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ClientSampleId :
GCDP0

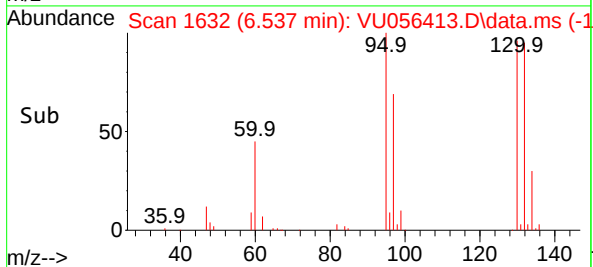
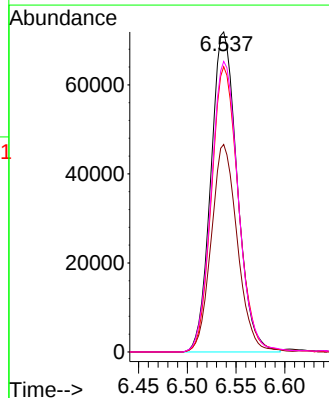
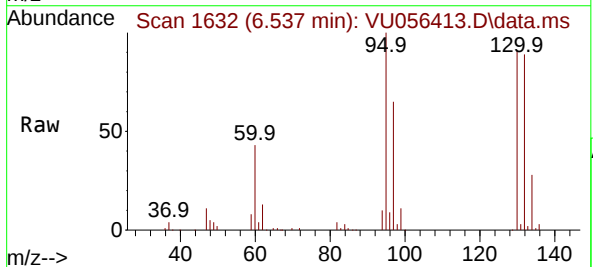
Tgt Ion: 78 Resp: 53498

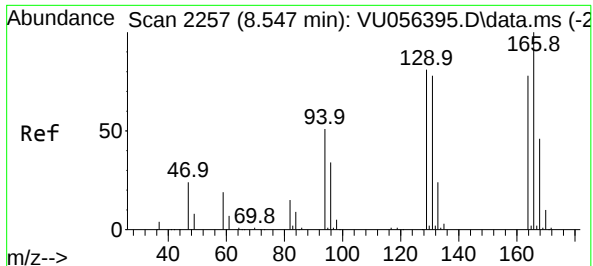


#34
Trichloroethene
Concen: 5.870 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056413.D
Acq: 16 Nov 2023 17:33

Tgt Ion: 95 Resp: 135445

Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.5	86.3
132	89.1	62.0	115.2
130	90.8	66.3	123.1





#47
 Tetrachloroethene
 Concen: 12.316 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU056413.D
 Acq: 16 Nov 2023 17:33

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDP0

Tgt Ion:164 Resp: 191634

Ion	Ratio	Lower	Upper
164	100		
129	103.7	71.0	131.9
131	99.8	70.3	130.7
166	128.5	89.8	166.8

