

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062822.D
 Acq On : 16 Jan 2025 16:08
 Operator : MD/SY
 Sample : Q1057-19
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 22:07:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

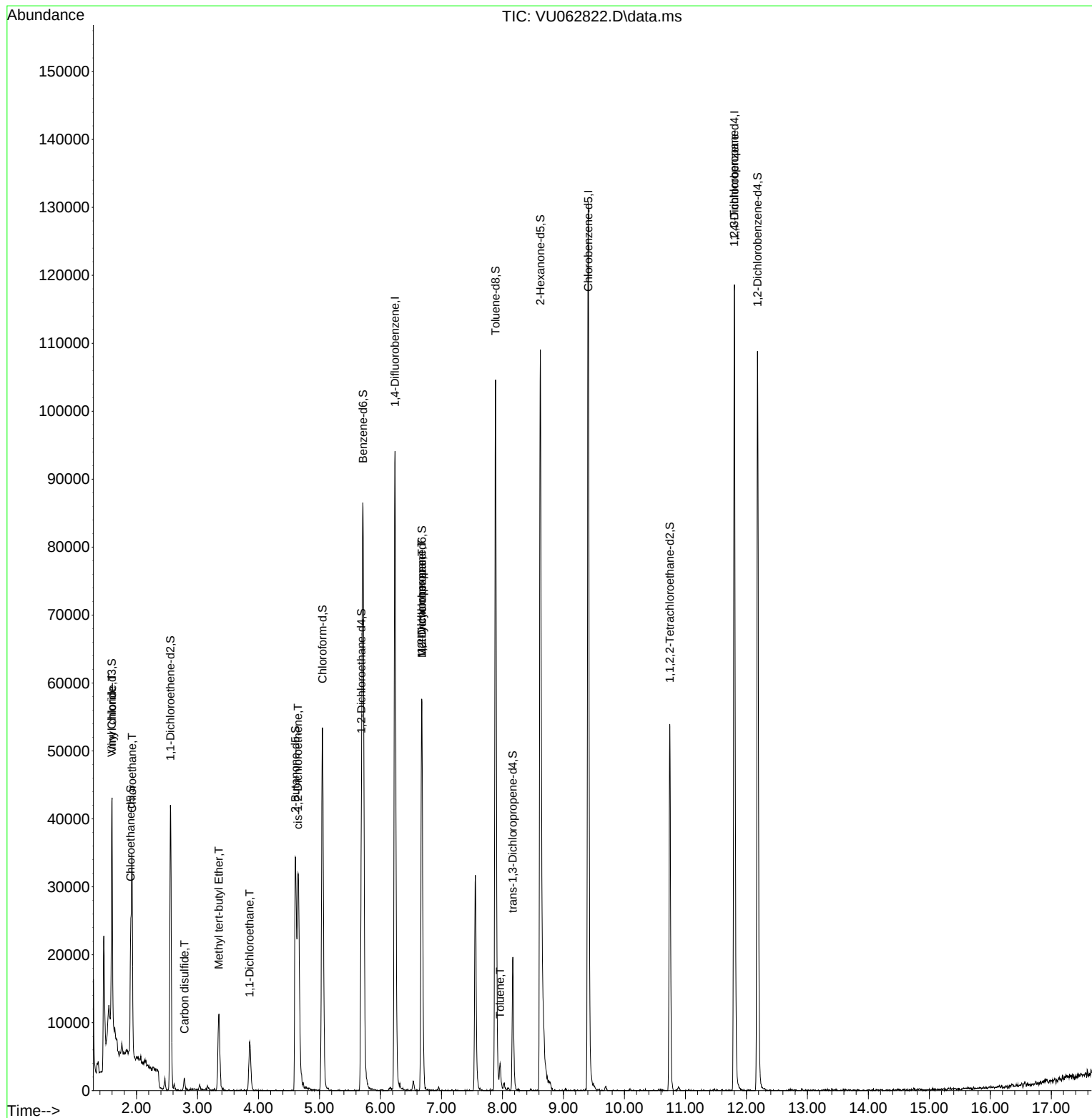
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	79428	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	75645	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	13151	2.990	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.800%
7) Chloroethane-d5	1.904	69	13104	3.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.557	65	7945	3.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.605	46	48584	54.038	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.080%
24) Chloroform-d	5.049	84	52619	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.689	65	31133	5.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.714	84	82399	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.679	67	25056	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.888	98	73474	4.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.171	79	12387	4.847	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.621	63	41498	51.630	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24257	5.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	31162	5.301	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	10559	1.847	ug/L #	8
8) Chloroethane	1.927	64	18078	5.262	ug/L	100
14) Carbon disulfide	2.785	76	2409	0.153	ug/L #	90
17) Methyl tert-butyl Ether	3.351	73	12344	0.911	ug/L	99
19) 1,1-Dichloroethane	3.856	63	8499	0.900	ug/L	92
22) cis-1,2-Dichloroethene	4.650	96	16140	2.806	ug/L	99
35) Methylcyclohexane	6.679	83	7112	0.779	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	3310	0.646	ug/L #	85
42) Toluene	7.962	91	3137	0.132	ug/L	97
61) 1,2,3-Trichloropropane	11.801	75	3155	1.007	ug/L #	59

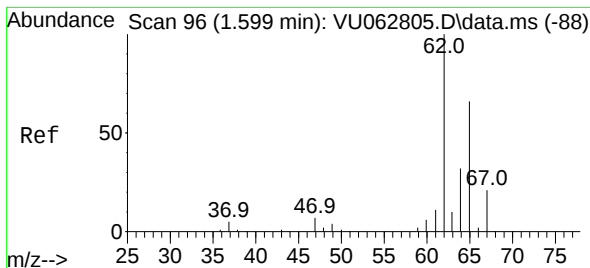
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.847 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU062822.D

Acq: 16 Jan 2025 16:08

Instrument :

MSVOA_U

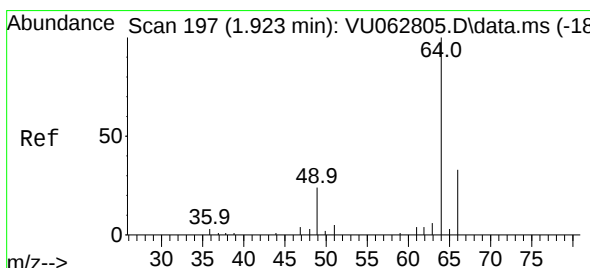
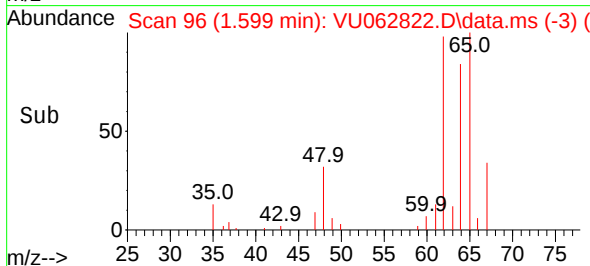
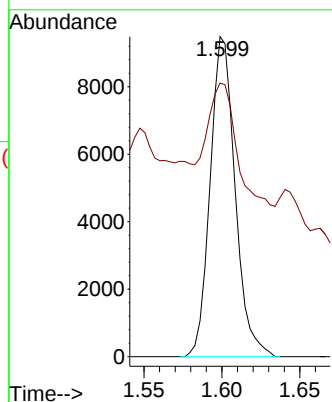
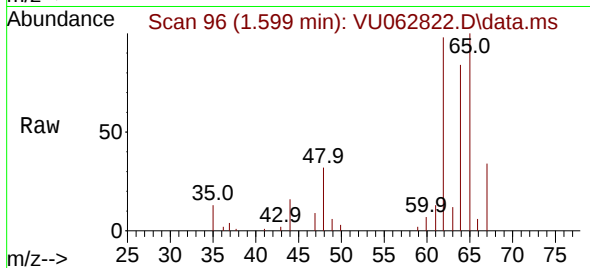
ClientSampleId :

Tgt Ion: 62 Resp: 10559

Ion Ratio Lower Upper

62 100

64 85.5 23.4 43.4#



#8

Chloroethane

Concen: 5.262 ug/L

RT: 1.927 min Scan# 198

Delta R.T. 0.003 min

Lab File: VU062822.D

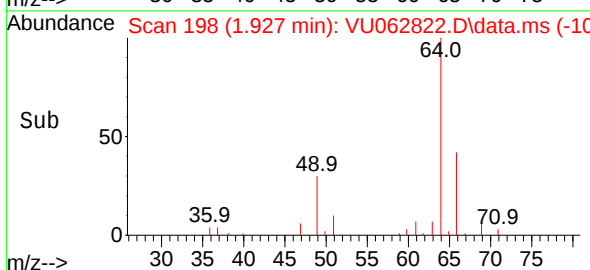
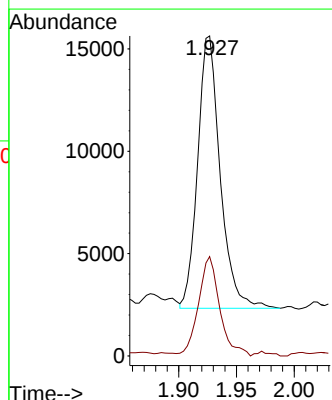
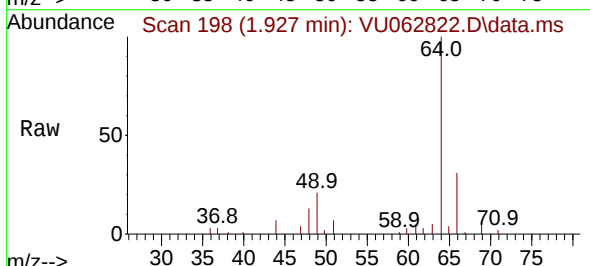
Acq: 16 Jan 2025 16:08

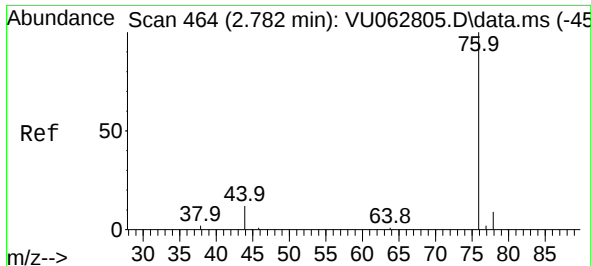
Tgt Ion: 64 Resp: 18078

Ion Ratio Lower Upper

64 100

66 31.1 21.6 40.2

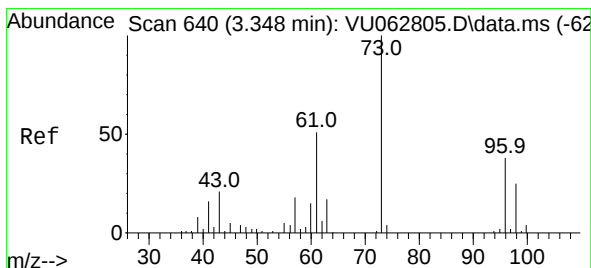
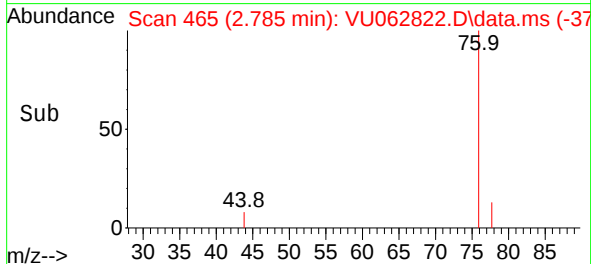
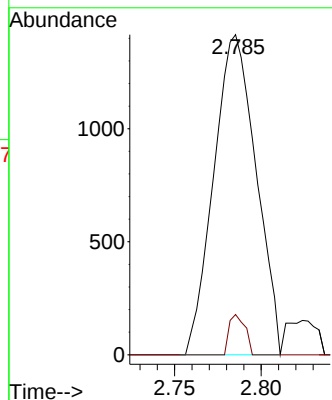
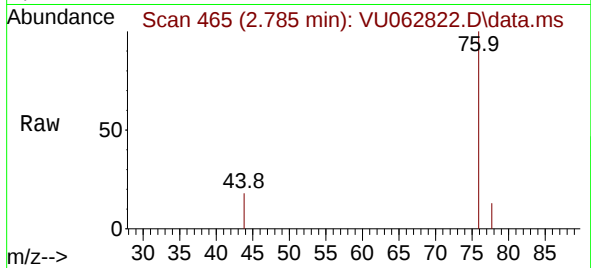




#14
Carbon disulfide
Concen: 0.153 ug/L
RT: 2.785 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU062822.D
Acq: 16 Jan 2025 16:08

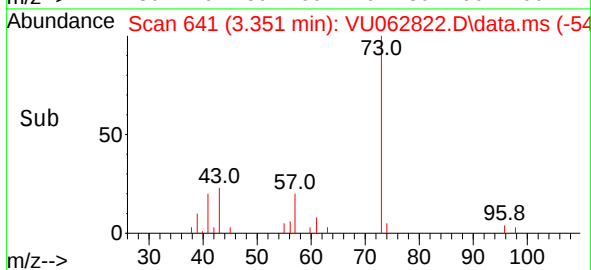
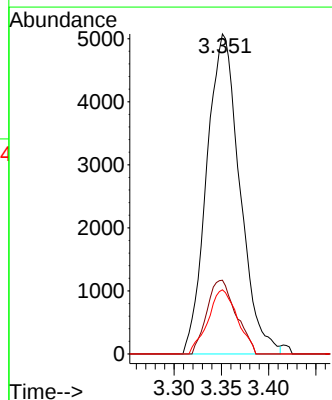
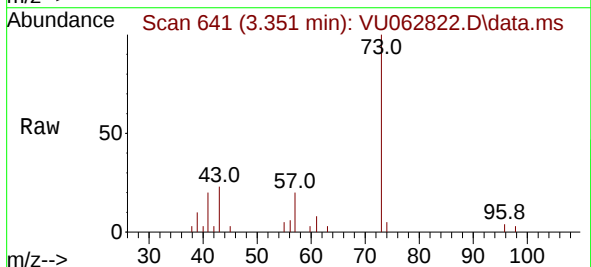
Instrument :
MSVOA_U
ClientSampleId :

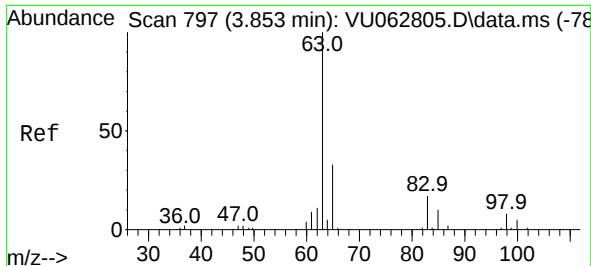
Tgt Ion: 76 Resp: 2409
Ion Ratio Lower Upper
76 100
78 12.6 7.0 10.6#



#17
Methyl tert-butyl Ether
Concen: 0.911 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062822.D
Acq: 16 Jan 2025 16:08

Tgt Ion: 73 Resp: 12344
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4
57 17.8 14.6 22.0





#19

1,1-Dichloroethane

Concen: 0.900 ug/L

RT: 3.856 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU062822.D

Acq: 16 Jan 2025 16:08

Instrument :

MSVOA_U

ClientSampleId :

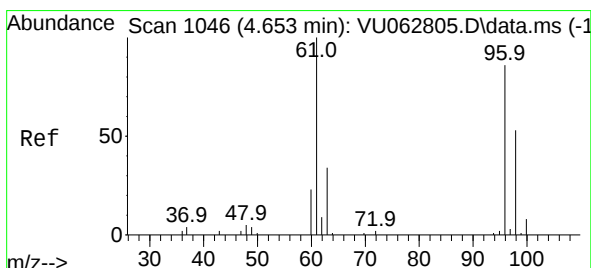
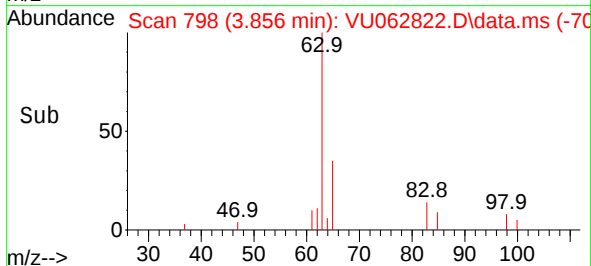
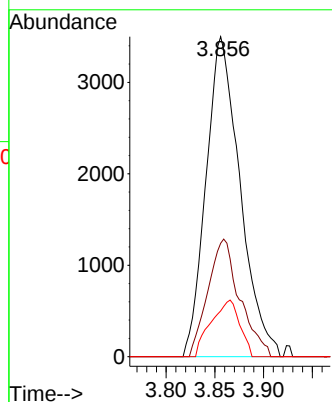
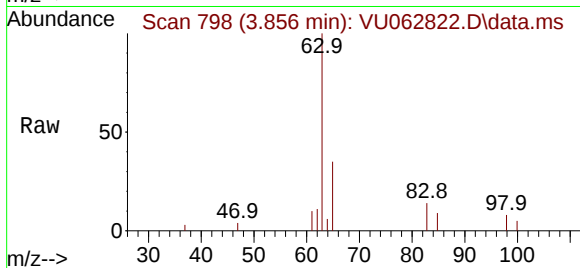
Tgt Ion: 63 Resp: 8499

Ion Ratio Lower Upper

63 100

65 35.4 20.7 38.5

83 14.3 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 2.806 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU062822.D

Acq: 16 Jan 2025 16:08

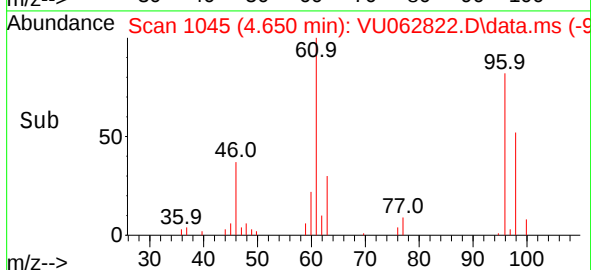
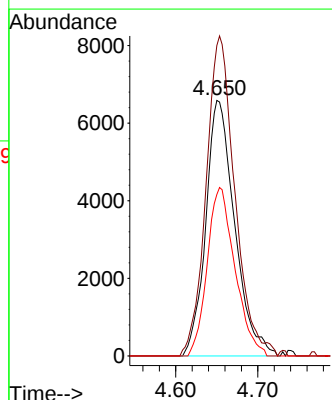
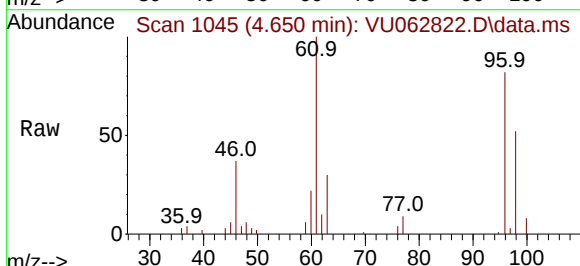
Tgt Ion: 96 Resp: 16140

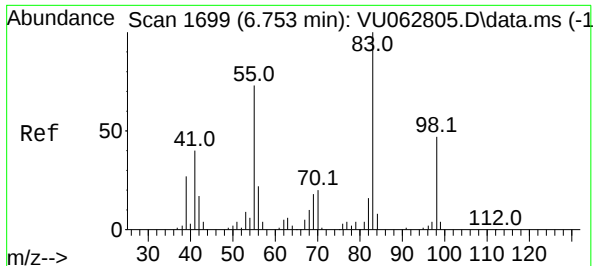
Ion Ratio Lower Upper

96 100

61 121.4 84.8 157.6

98 63.2 43.1 80.1

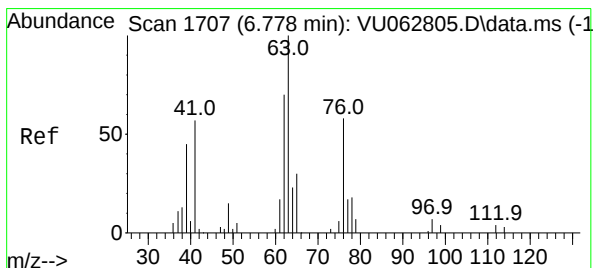
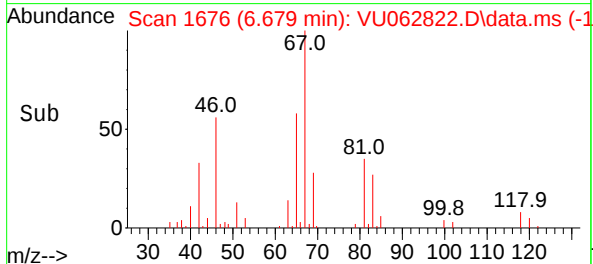
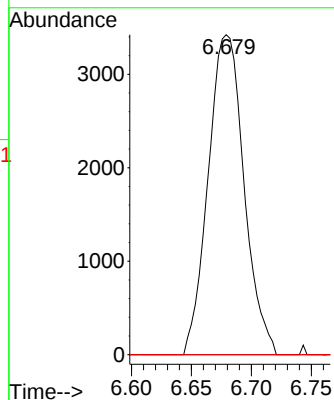
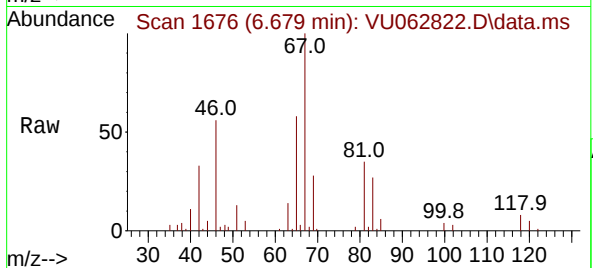




#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.679 min Scan# 1675
Delta R.T. -0.074 min
Lab File: VU062822.D
Acq: 16 Jan 2025 16:08

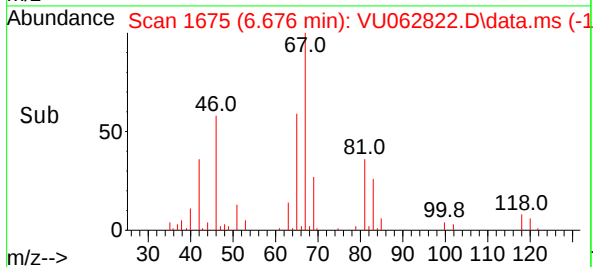
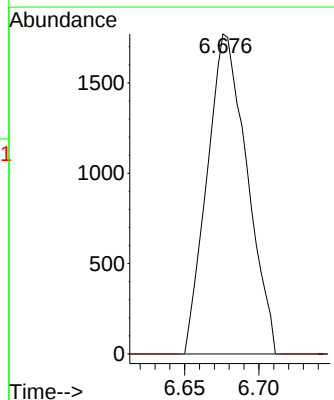
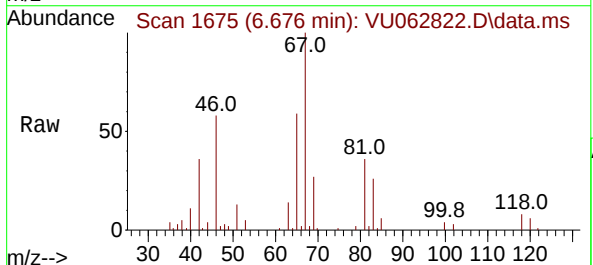
Instrument :
MSVOA_U
ClientSampleId :

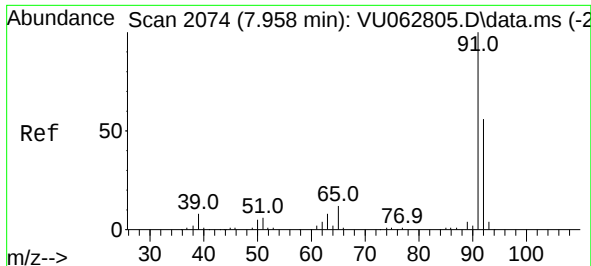
Tgt Ion: 83 Resp: 7112
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.646 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.103 min
Lab File: VU062822.D
Acq: 16 Jan 2025 16:08

Tgt Ion: 63 Resp: 3310
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

Toluene

Concen: 0.132 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU062822.D

Acq: 16 Jan 2025 16:08

Instrument :

MSVOA_U

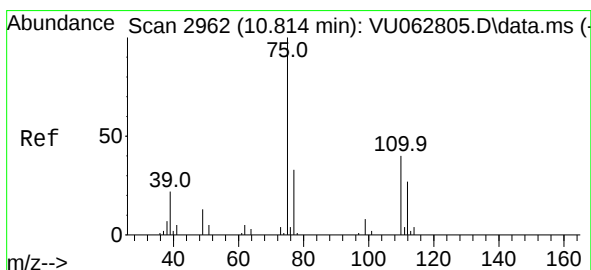
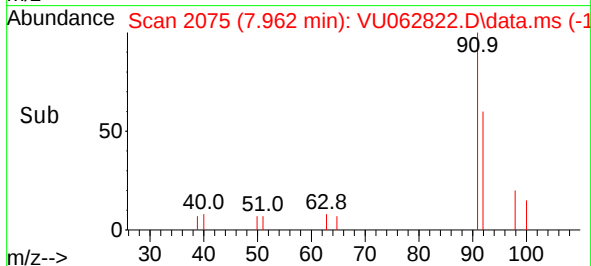
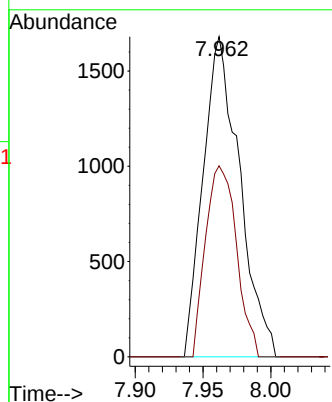
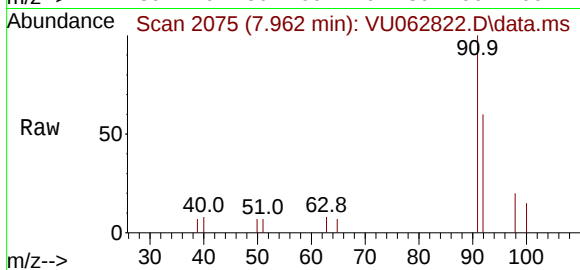
ClientSampleId :

Tgt Ion: 91 Resp: 3137

Ion Ratio Lower Upper

91 100

92 59.7 40.4 75.0



#61

1,2,3-Trichloropropane

Concen: 1.007 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.987 min

Lab File: VU062822.D

Acq: 16 Jan 2025 16:08

Tgt Ion: 75 Resp: 3155

Ion Ratio Lower Upper

75 100

110 0.0 33.2 49.8#

77 37.8 25.9 38.9

