

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062735.D
 Acq On : 14 Jan 2025 11:43
 Operator : MD/SY
 Sample : Q1058-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 00:33:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

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

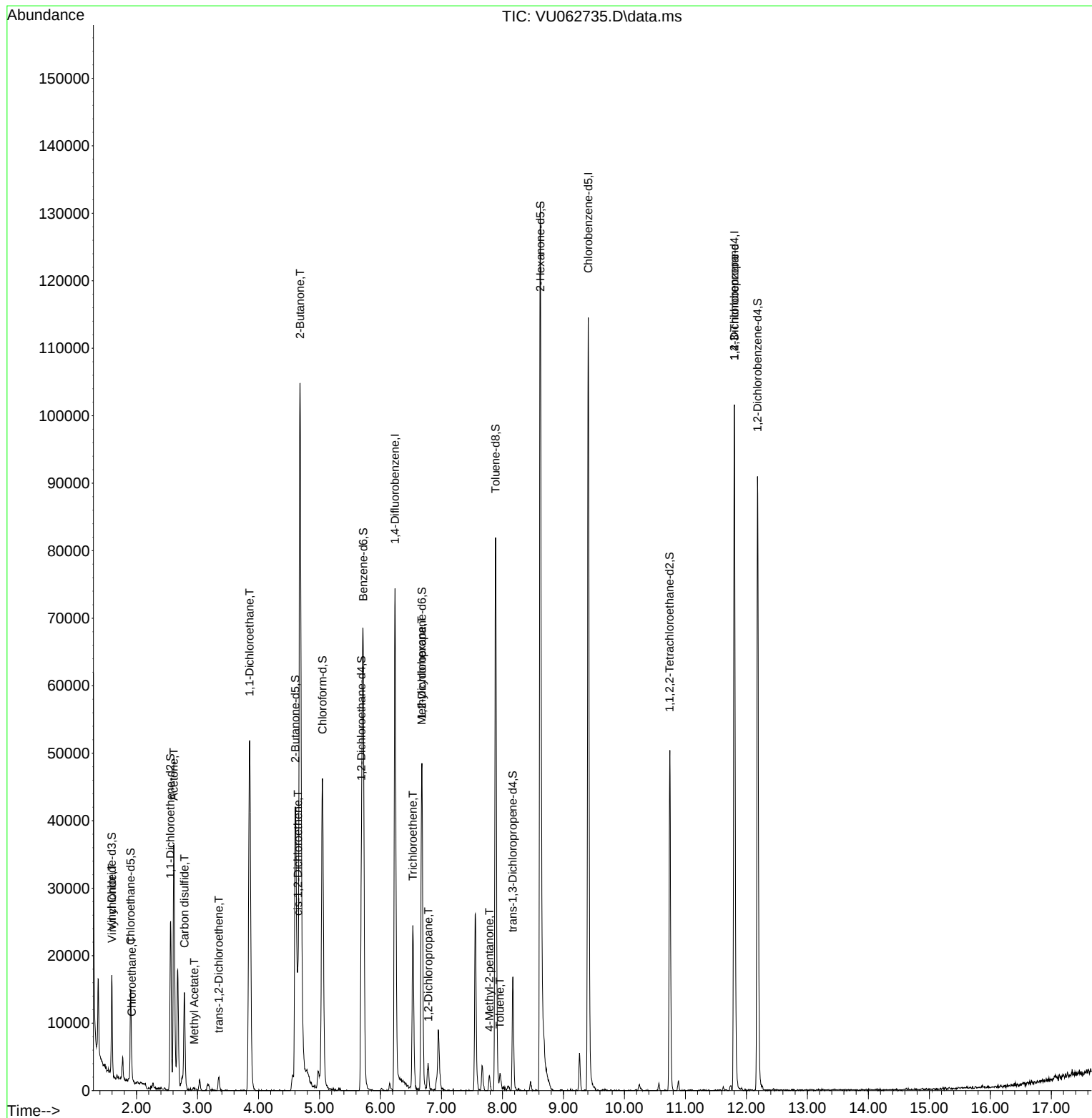
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	61375	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	64669	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	30076	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	8381	2.466	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.400%
7) Chloroethane-d5	1.904	69	10188	3.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.557	65	4470	2.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.800%#
20) 2-Butanone-d5	4.605	46	62056	89.324	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	178.640%#
24) Chloroform-d	5.049	84	41696	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.689	65	28839	6.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.200%
32) Benzene-d6	5.718	84	64120	4.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.679	67	21897	4.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.888	98	56916	3.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	8.171	79	10620	4.861	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.621	63	47955	69.790	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.580%#
56) 1,1,2,2-Tetrachloroeth...	10.743	84	23513	6.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	128.200%#
66) 1,2-Dichlorobenzene-d4	12.183	152	25656	5.127	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	1871	0.423	ug/L	97
8) Chloroethane	1.923	64	1261	0.475	ug/L	97
13) Acetone	2.612	43	42055	76.415	ug/L	100
14) Carbon disulfide	2.785	76	18840	1.548	ug/L	98
15) Methyl Acetate	2.946	43	453	0.380	ug/L #	44
18) trans-1,2-Dichloroethene	3.351	96	765	0.187	ug/L	91
19) 1,1-Dichloroethane	3.856	63	59236	8.116	ug/L	95
21) 2-Butanone	4.682	43	139070	189.739	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	5175	1.164	ug/L	96
34) Trichloroethene	6.531	95	8303	1.308	ug/L	93
35) Methylcyclohexane	6.676	83	6100	0.781	ug/L #	21
37) 1,2-Dichloropropane	6.785	63	1073	0.245	ug/L #	85
40) 4-Methyl-2-pentanone	7.785	43	1667	0.814	ug/L #	53
42) Toluene	7.959	91	1951	0.096	ug/L	80
61) 1,2,3-Trichloropropane	11.804	75	3138	1.176	ug/L #	63

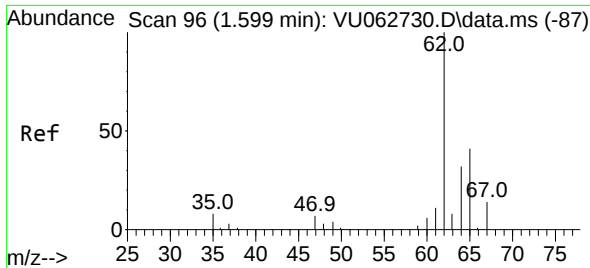
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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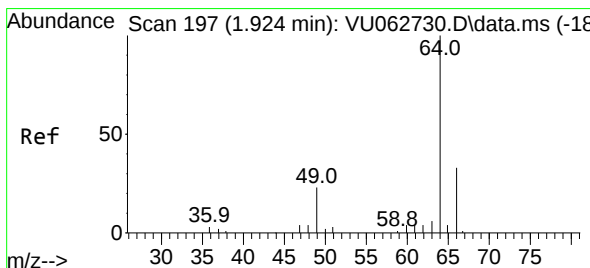
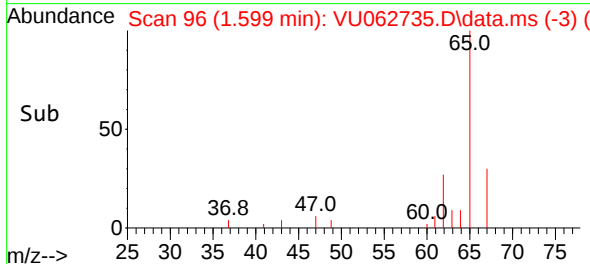
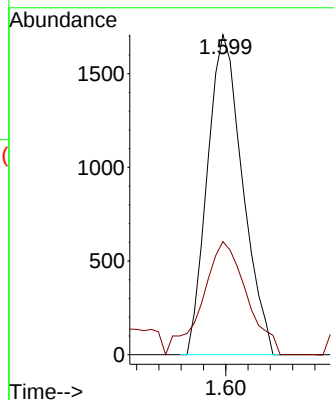
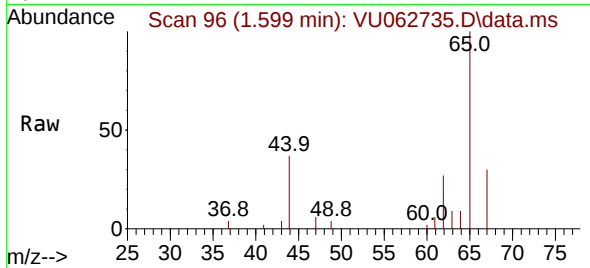




#5
 Vinyl chloride
 Concen: 0.423 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU062735.D
 Acq: 14 Jan 2025 11:43

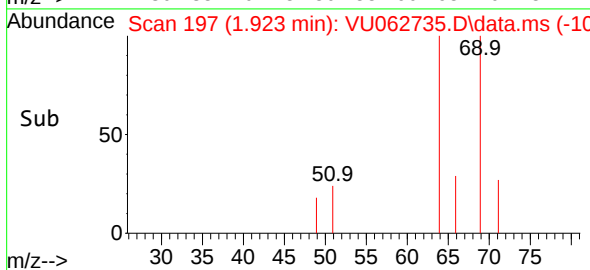
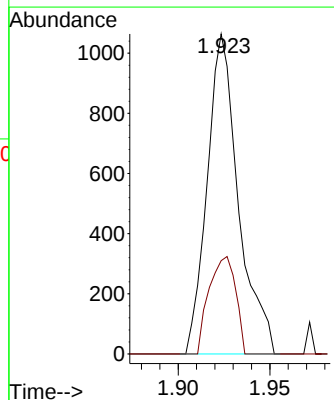
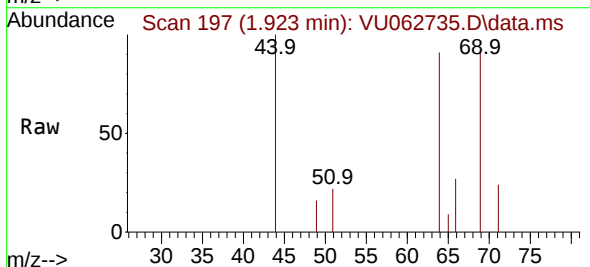
Instrument :
 MSVOA_U
 ClientSampleId :

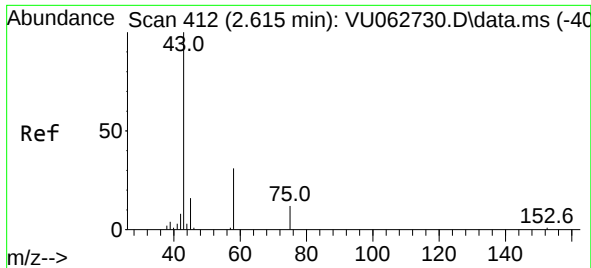
Tgt Ion: 62 Resp: 1871
 Ion Ratio Lower Upper
 62 100
 64 35.4 23.4 43.4



#8
 Chloroethane
 Concen: 0.475 ug/L
 RT: 1.923 min Scan# 197
 Delta R.T. -0.000 min
 Lab File: VU062735.D
 Acq: 14 Jan 2025 11:43

Tgt Ion: 64 Resp: 1261
 Ion Ratio Lower Upper
 64 100
 66 29.1 21.6 40.2





#13

Acetone

Concen: 76.415 ug/L

RT: 2.612 min Scan# 411

Delta R.T. -0.003 min

Lab File: VU062735.D

Acq: 14 Jan 2025 11:43

Instrument :

MSVOA_U

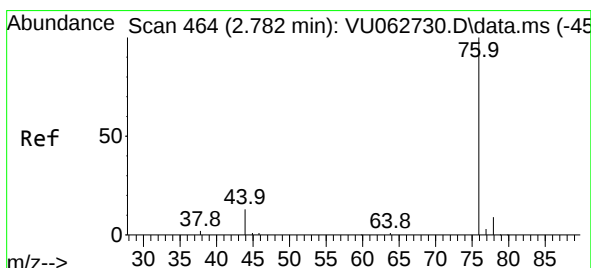
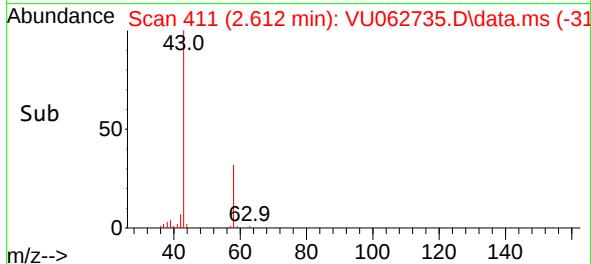
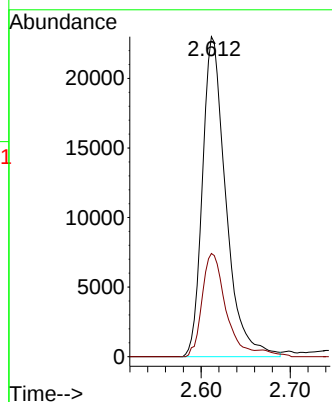
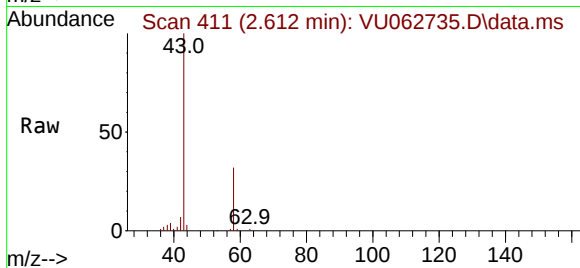
ClientSampleId :

Tgt Ion: 43 Resp: 42055

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.4



#14

Carbon disulfide

Concen: 1.548 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.003 min

Lab File: VU062735.D

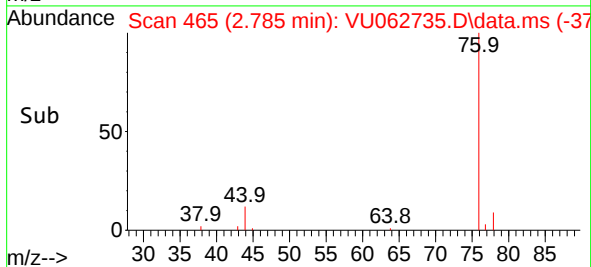
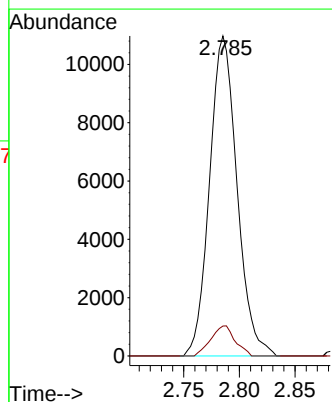
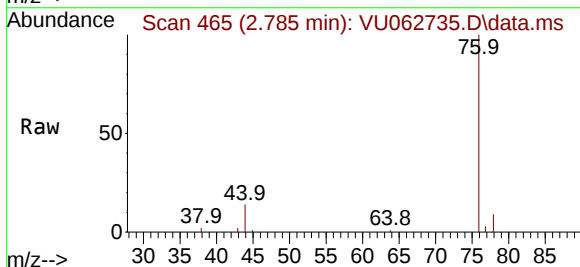
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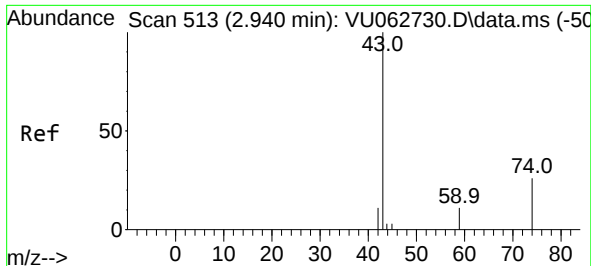
Tgt Ion: 76 Resp: 18840

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6

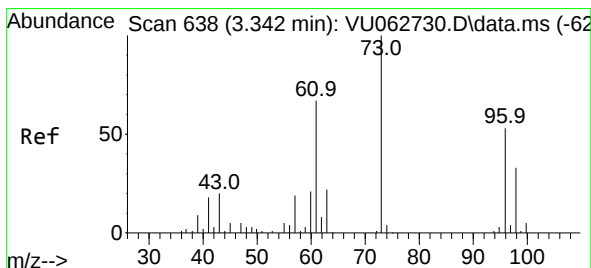
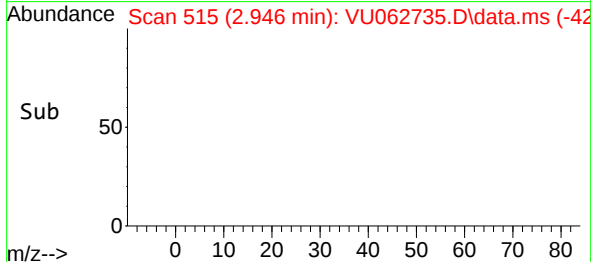
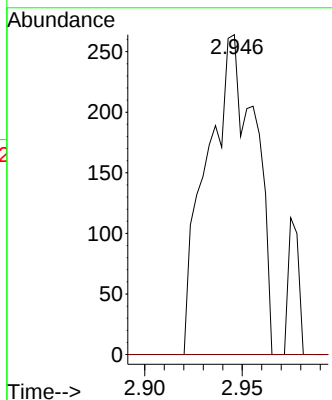
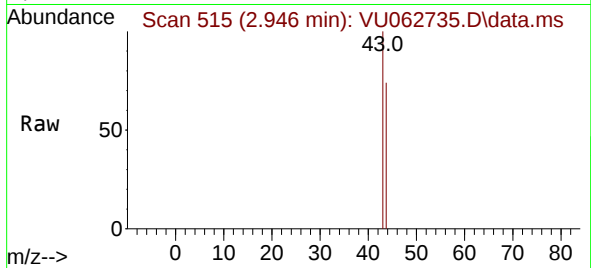




#15
Methyl Acetate
Concen: 0.380 ug/L
RT: 2.946 min Scan# 513
Delta R.T. 0.006 min
Lab File: VU062735.D
Acq: 14 Jan 2025 11:43

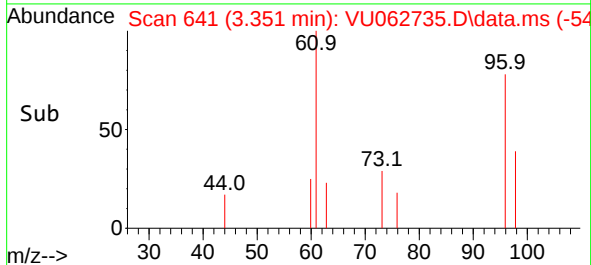
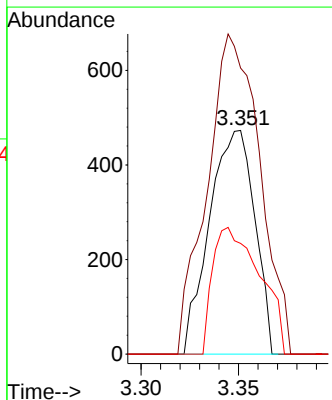
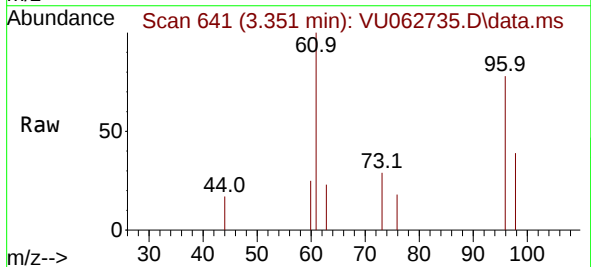
Instrument :
MSVOA_U
ClientSampleId :

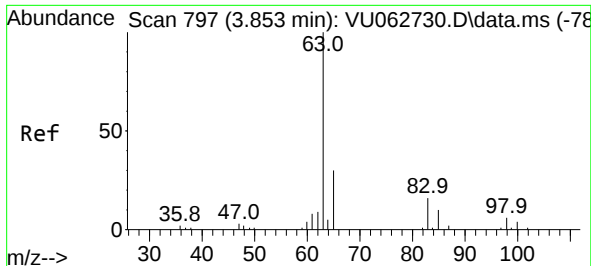
Tgt Ion: 43 Resp: 453
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#



#18
trans-1,2-Dichloroethene
Concen: 0.187 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.010 min
Lab File: VU062735.D
Acq: 14 Jan 2025 11:43

Tgt Ion: 96 Resp: 765
Ion Ratio Lower Upper
96 100
61 127.9 94.4 175.2
98 49.5 42.8 79.4





#19

1,1-Dichloroethane

Concen: 8.116 ug/L

RT: 3.856 min Scan# 79

Delta R.T. 0.003 min

Lab File: VU062735.D

Acq: 14 Jan 2025 11:43

Instrument :

MSVOA_U

ClientSampleId :

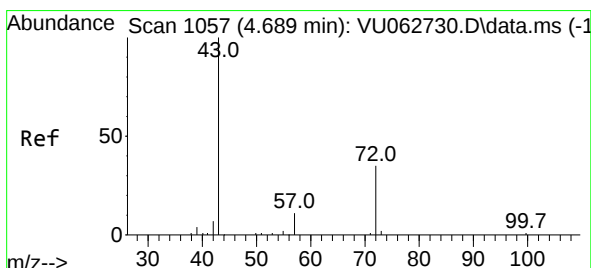
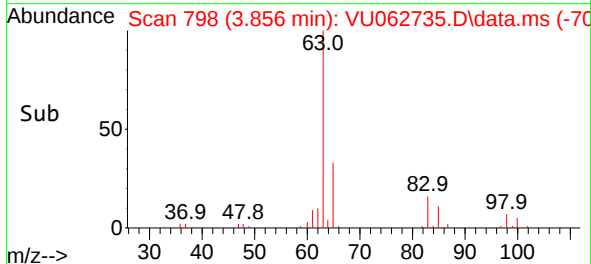
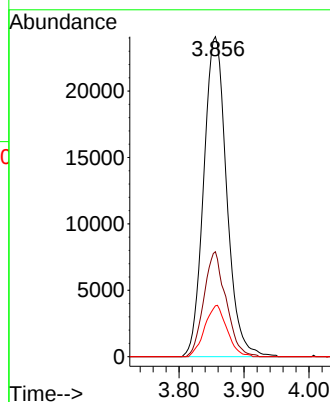
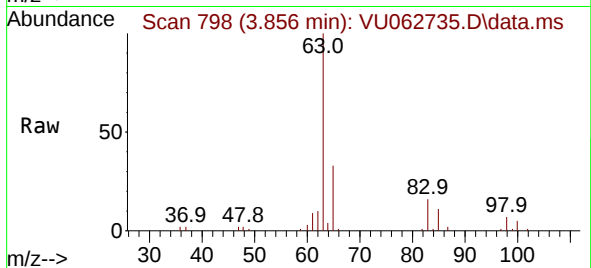
Tgt Ion: 63 Resp: 59236

Ion Ratio Lower Upper

63 100

65 32.8 20.7 38.5

83 15.9 10.5 19.5



#21

2-Butanone

Concen: 189.739 ug/L

RT: 4.682 min Scan# 1055

Delta R.T. -0.007 min

Lab File: VU062735.D

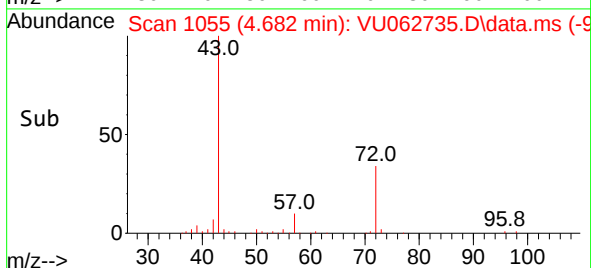
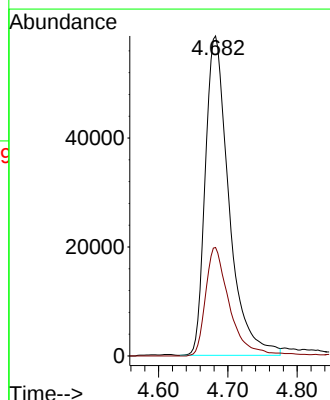
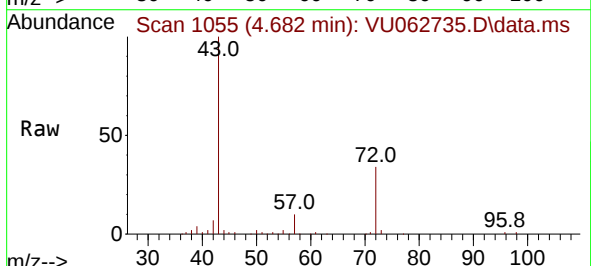
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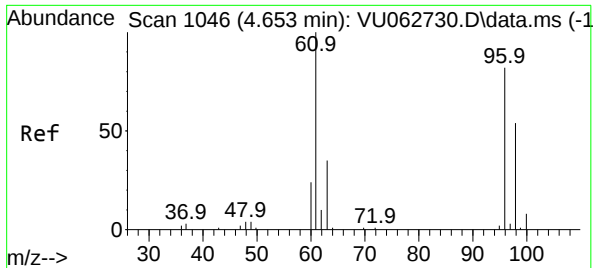
Tgt Ion: 43 Resp: 139070

Ion Ratio Lower Upper

43 100

72 34.8 17.1 51.2

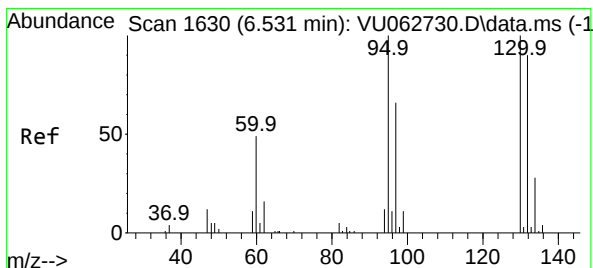
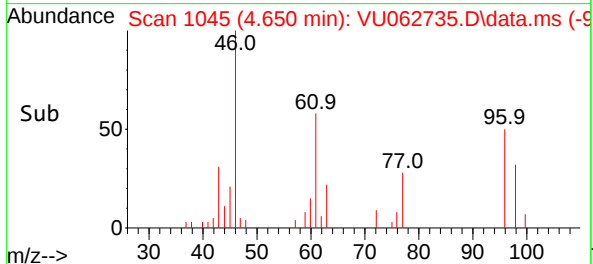
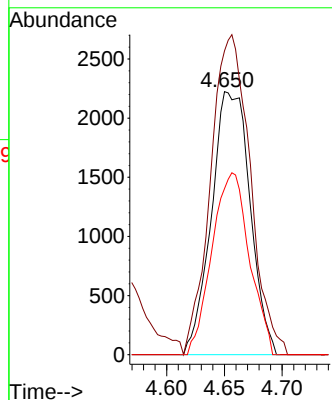
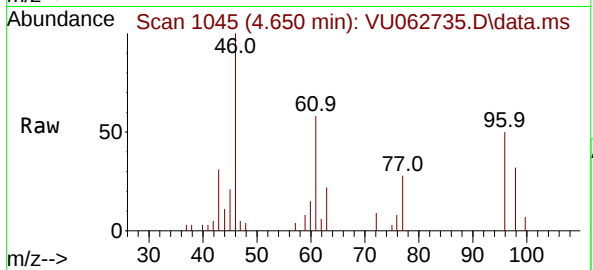




#22
 cis-1,2-Dichloroethene
 Concen: 1.164 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062735.D
 Acq: 14 Jan 2025 11:43

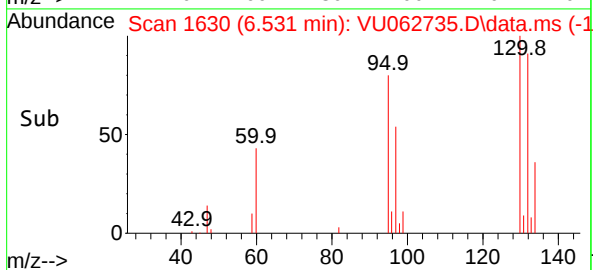
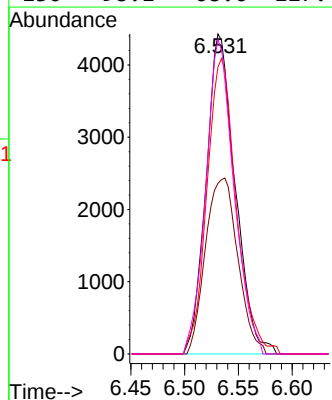
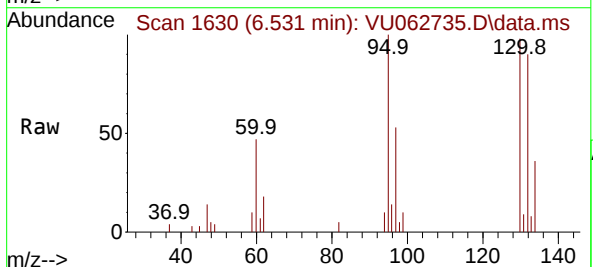
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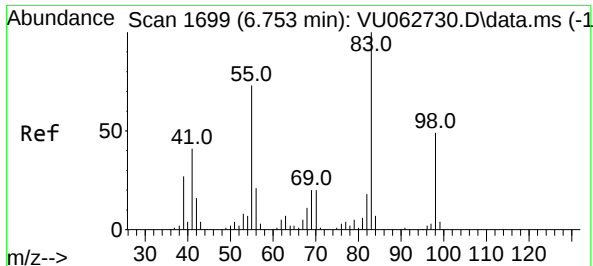
Tgt Ion: 96 Resp: 5175
 Ion Ratio Lower Upper
 96 100
 61 115.6 84.8 157.6
 98 63.2 43.1 80.1



#34
 Trichloroethene
 Concen: 1.308 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: VU062735.D
 Acq: 14 Jan 2025 11:43

Tgt Ion: 95 Resp: 8303
 Ion Ratio Lower Upper
 95 100
 97 53.3 47.5 88.3
 132 89.7 66.9 124.3
 130 98.1 68.6 127.4

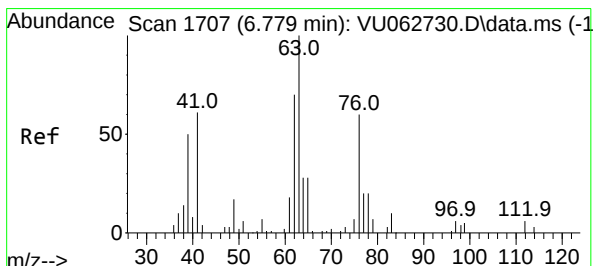
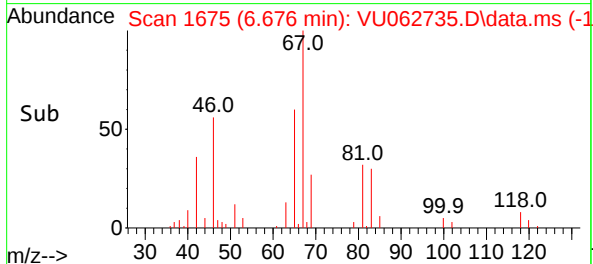
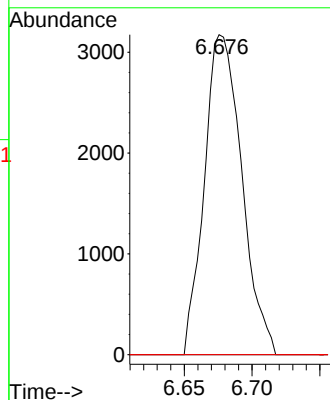
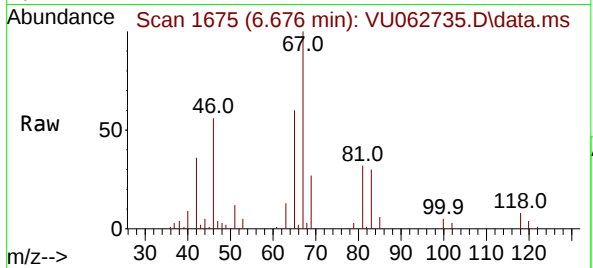




#35
Methylcyclohexane
Concen: 0.781 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU062735.D
Acq: 14 Jan 2025 11:43

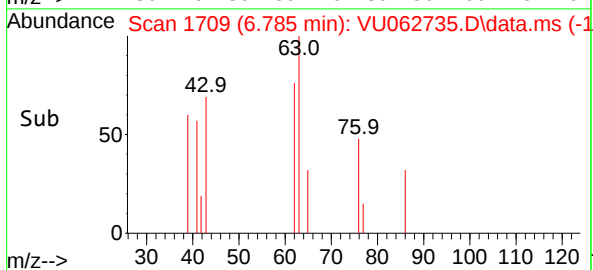
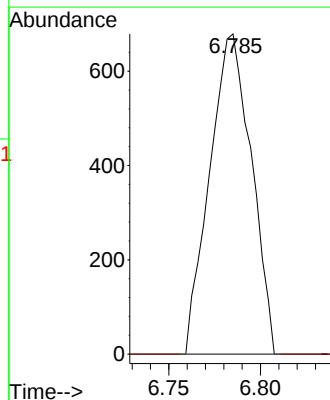
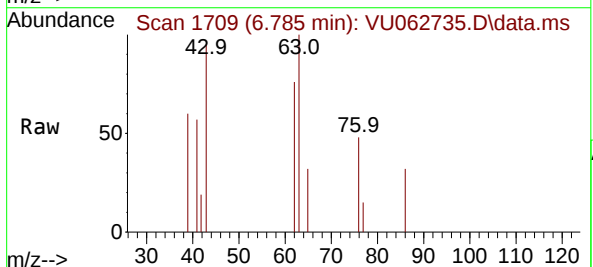
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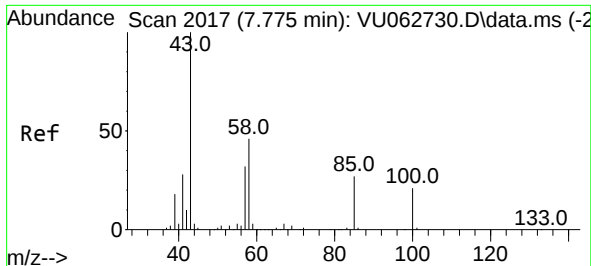
Tgt Ion: 83 Resp: 6100
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 1.7 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.245 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.006 min
Lab File: VU062735.D
Acq: 14 Jan 2025 11:43

Tgt Ion: 63 Resp: 1073
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#40

4-Methyl-2-pentanone

Concen: 0.814 ug/L

RT: 7.785 min Scan# 2017

Delta R.T. 0.010 min

Lab File: VU062735.D

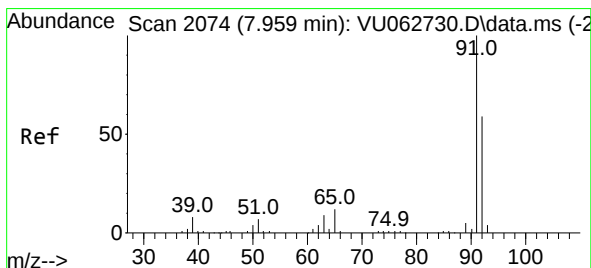
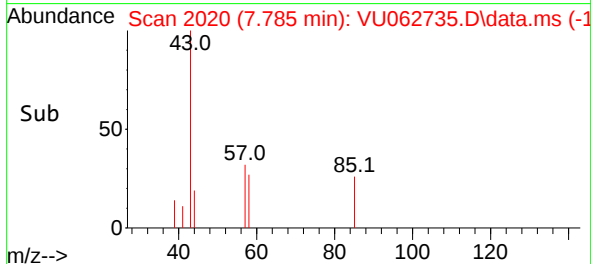
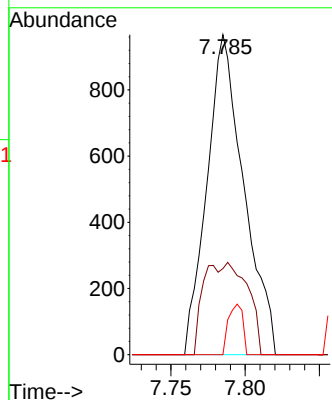
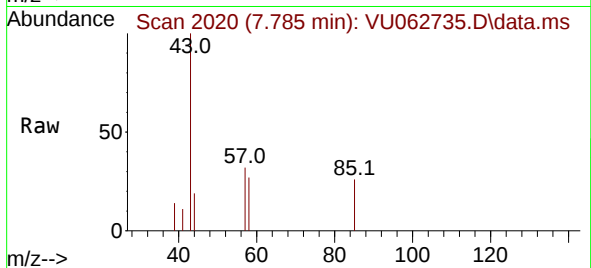
Acq: 14 Jan 2025 11:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	1667
Ion	Ratio	Lower	Upper
43	100		
58	13.4	35.8	53.8#
100	0.0	16.8	25.2#



#42

Toluene

Concen: 0.096 ug/L

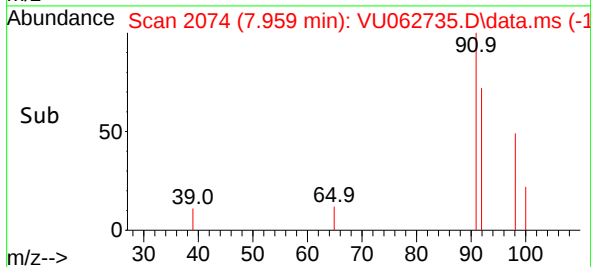
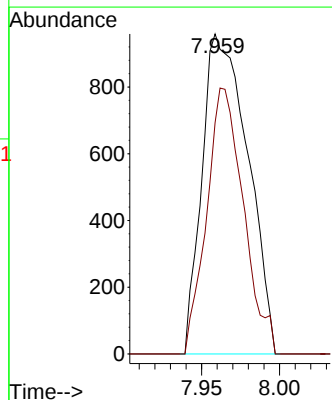
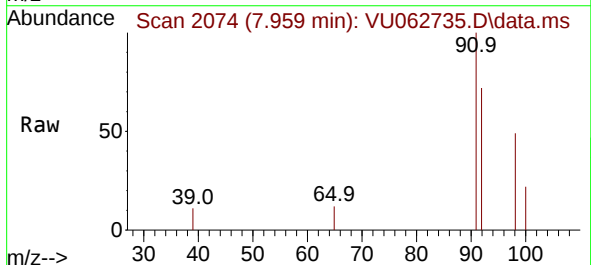
RT: 7.959 min Scan# 2074

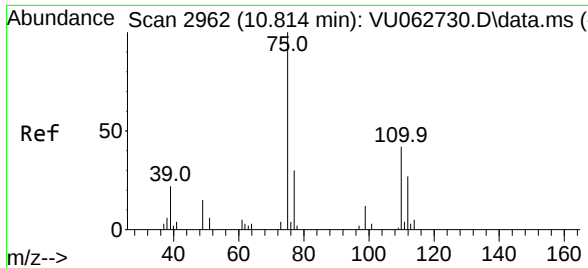
Delta R.T. -0.000 min

Lab File: VU062735.D

Acq: 14 Jan 2025 11:43

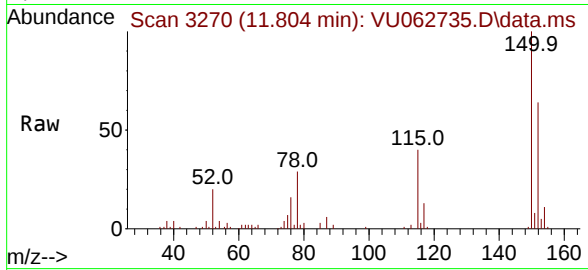
Tgt Ion:	91	Resp:	1951
Ion	Ratio	Lower	Upper
91	100		
92	72.3	40.4	75.0





#61
1,2,3-Trichloropropane
Concen: 1.176 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU062735.D
Acq: 14 Jan 2025 11:43

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	3138
Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	32.1	25.9	38.9

