

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055931.D
 Acq On : 27 Oct 2023 18:20
 Operator : MD/SY
 Sample : 04995-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4935

Quant Time: Oct 27 23:56:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

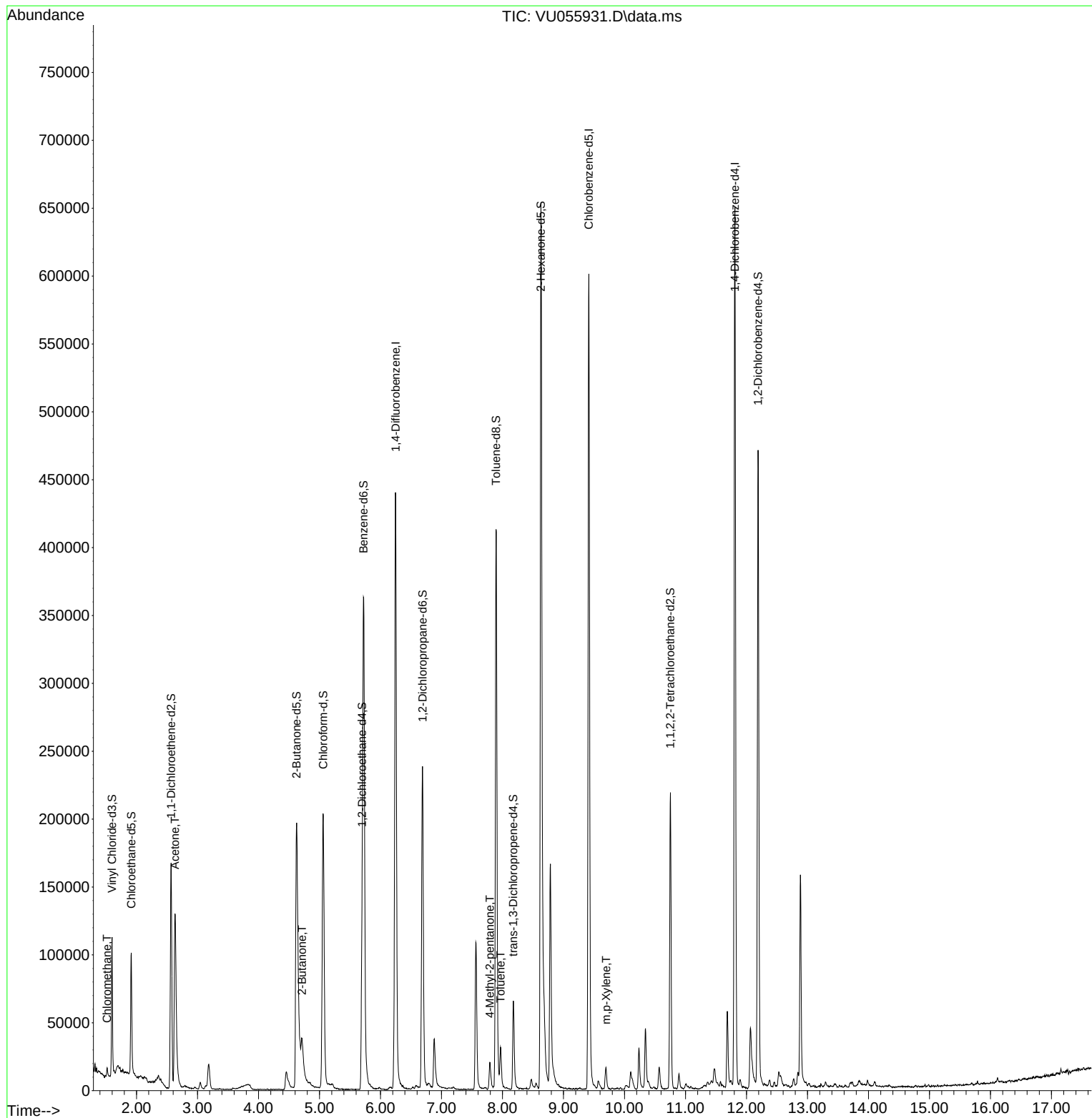
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	365559	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	364102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	177389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	70668	2.444	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	48.800%
7) Chloroethane-d5	1.914	69	69227	3.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.400%#
11) 1,1-Dichloroethene-d2	2.566	65	31666	2.579	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.600%#
20) 2-Butanone-d5	4.624	46	299584	58.072	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.140%
24) Chloroform-d	5.058	84	199218	3.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
26) 1,2-Dichloroethane-d4	5.698	65	95855	3.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
32) Benzene-d6	5.724	84	354980	3.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.400%#
36) 1,2-Dichloropropane-d6	6.689	67	121350	3.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.400%
41) Toluene-d8	7.894	98	293470	2.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.600%#
43) trans-1,3-Dichloroprop...	8.177	79	41979	3.338	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.800%
46) 2-Hexanone-d5	8.631	63	241374	75.616	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	151.240%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	110592	4.723	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	129409	3.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.200%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	4443	0.223	ug/L	86
13) Acetone	2.631	43	187067	63.633	ug/L	98
21) 2-Butanone	4.714	43	49422	11.436	ug/L	98
40) 4-Methyl-2-pentanone	7.791	43	14456	1.406	ug/L #	89
42) Toluene	7.968	91	21507	0.256	ug/L	94
53) m,p-Xylene	9.698	106	4863	0.137	ug/L	96

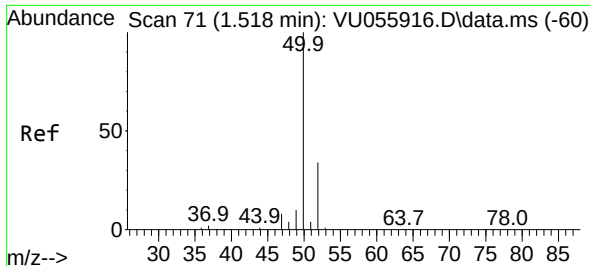
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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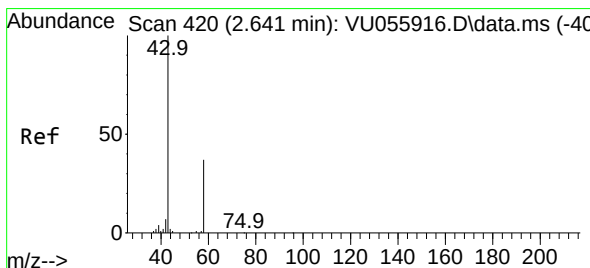
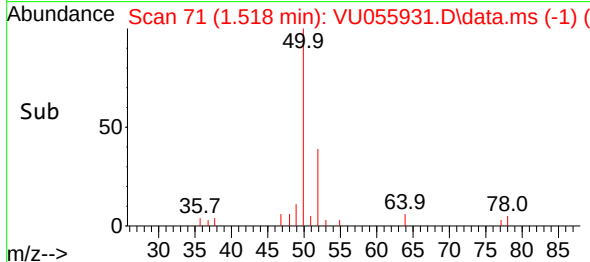
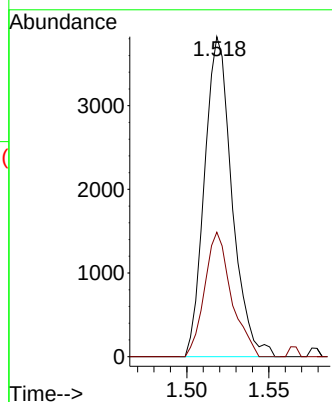
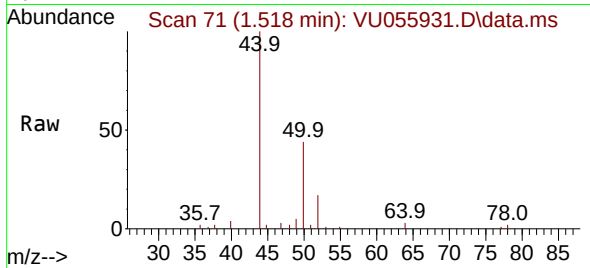




#3
Chloromethane
Concen: 0.223 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055931.D
Acq: 27 Oct 2023 18:20

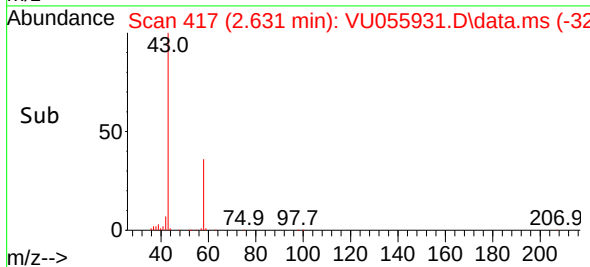
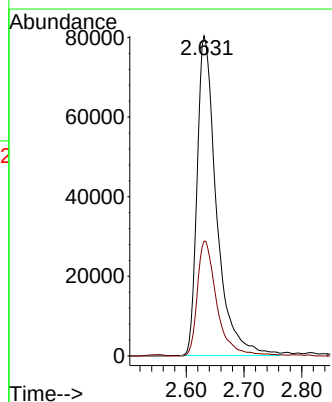
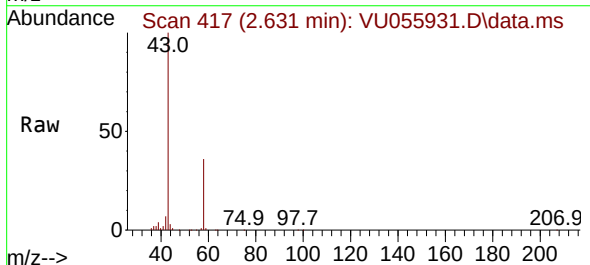
Instrument :
MSVOA_U
ClientSampleId :
A4935

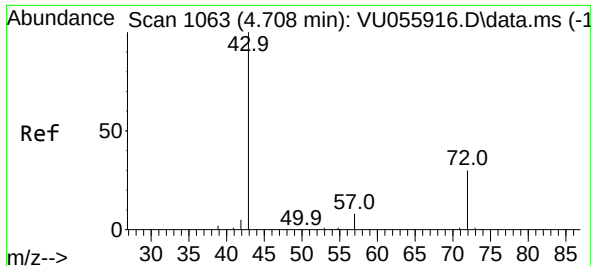
Tgt Ion: 50 Resp: 4443
Ion Ratio Lower Upper
50 100
52 38.9 22.0 40.8



#13
Acetone
Concen: 63.633 ug/L
RT: 2.631 min Scan# 417
Delta R.T. -0.016 min
Lab File: VU055931.D
Acq: 27 Oct 2023 18:20

Tgt Ion: 43 Resp: 187067
Ion Ratio Lower Upper
43 100
58 35.9 0.0 69.0

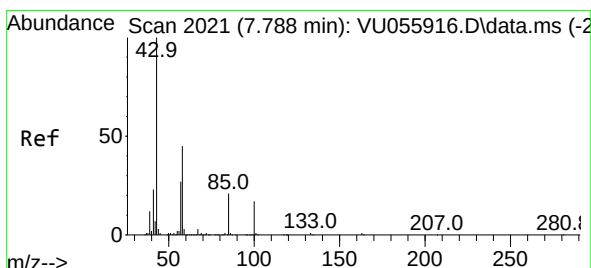
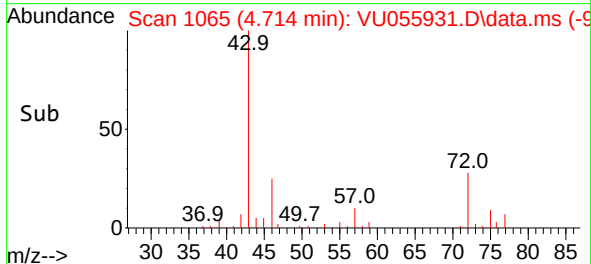
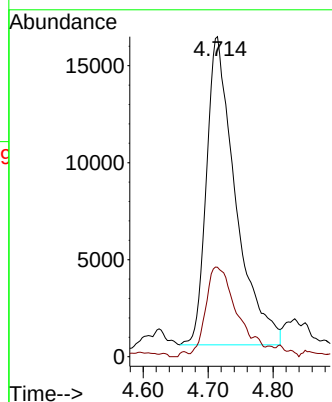
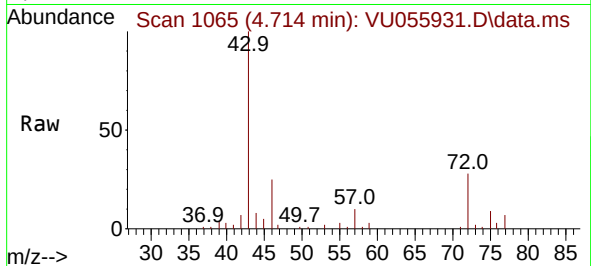




#21
2-Butanone
Concen: 11.436 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU055931.D
Acq: 27 Oct 2023 18:20

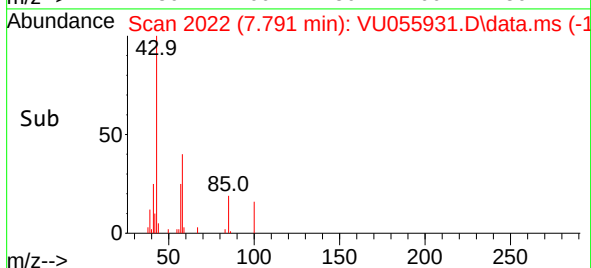
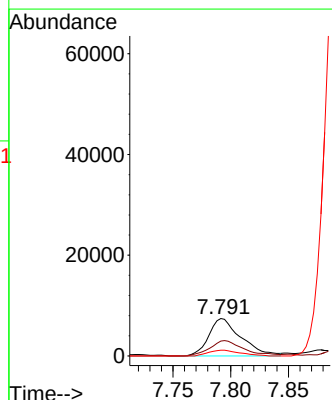
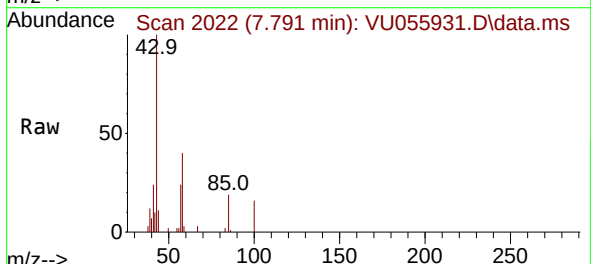
Instrument :
MSVOA_U
ClientSampleId :
A4935

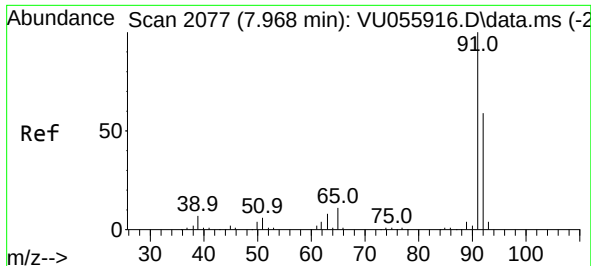
Tgt Ion: 43 Resp: 49422
Ion Ratio Lower Upper
43 100
72 27.8 14.4 43.4



#40
4-Methyl-2-pentanone
Concen: 1.406 ug/L
RT: 7.791 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VU055931.D
Acq: 27 Oct 2023 18:20

Tgt Ion: 43 Resp: 14456
Ion Ratio Lower Upper
43 100
58 42.5 34.0 51.0
100 0.0 13.0 19.6#





#42

Toluene

Concen: 0.256 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU055931.D

Acq: 27 Oct 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

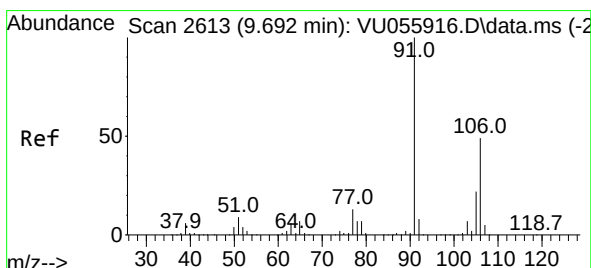
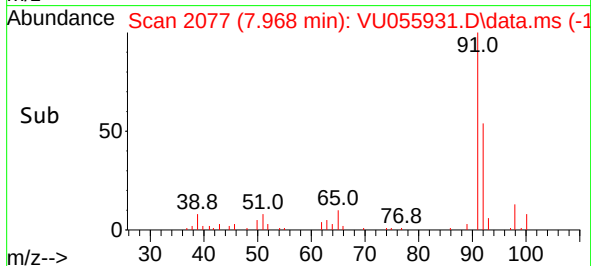
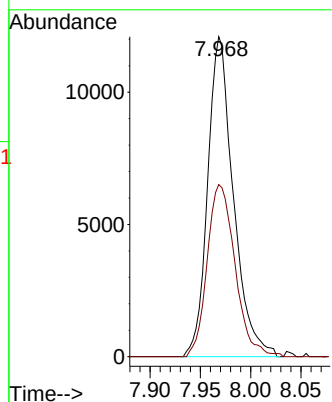
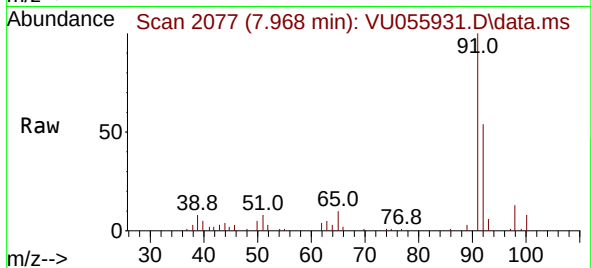
A4935

Tgt Ion: 91 Resp: 21507

Ion Ratio Lower Upper

91 100

92 53.8 40.6 75.4



#53

m,p-Xylene

Concen: 0.137 ug/L

RT: 9.698 min Scan# 2615

Delta R.T. 0.006 min

Lab File: VU055931.D

Acq: 27 Oct 2023 18:20

Tgt Ion: 106 Resp: 4863

Ion Ratio Lower Upper

106 100

91 207.7 150.4 279.2

