

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055219.D
 Acq On : 08 Sep 2023 04:56
 Operator : MD/SY
 Sample : 04307-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 06:41:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

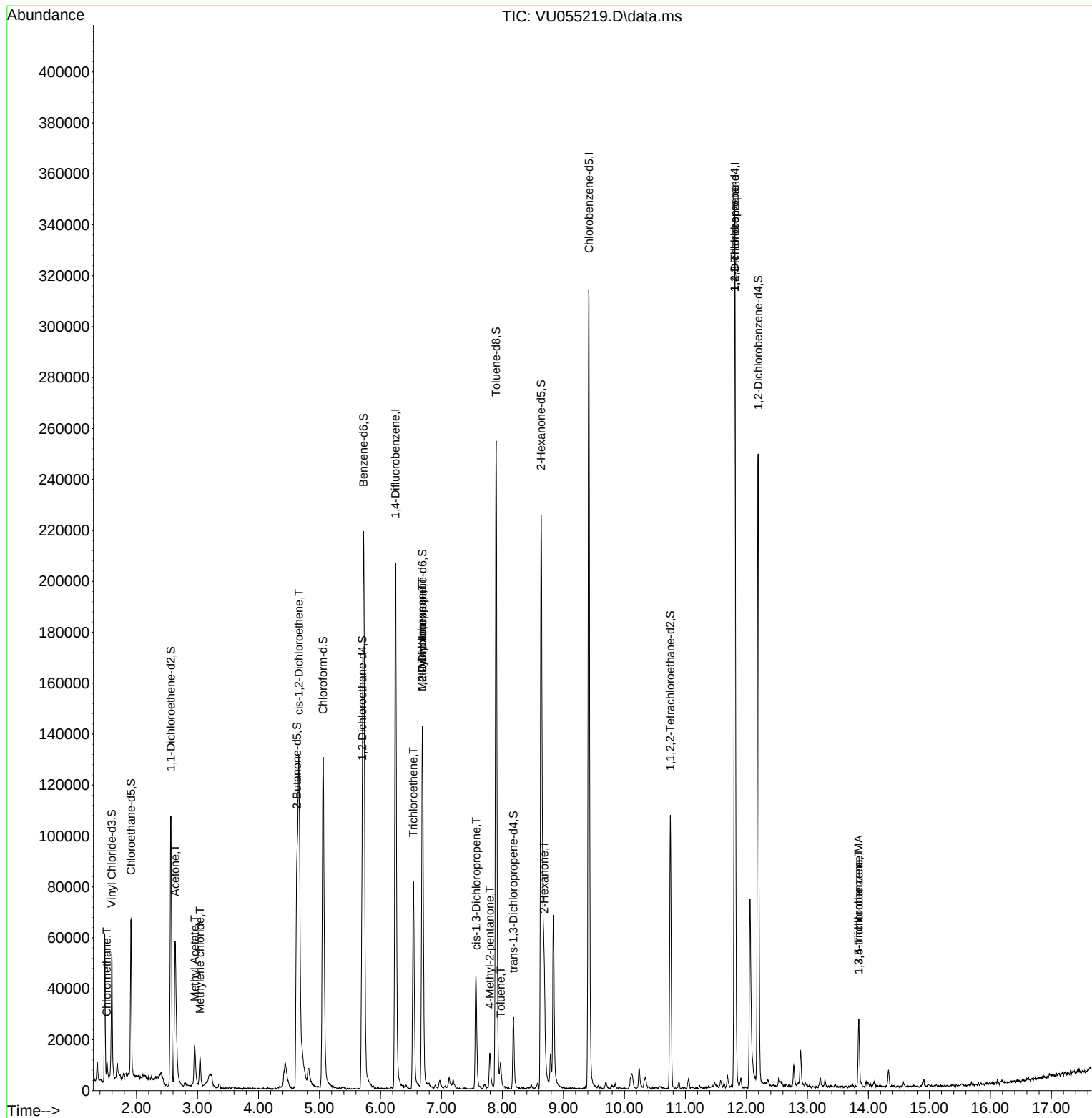
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	165698	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	171978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	87602	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34159	4.399	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.911	69	43196	4.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.563	65	19672	4.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.631	46	139340	61.829	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.660%
24) Chloroform-d	5.058	84	105380	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.701	65	54892	5.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.724	84	203465	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.689	67	68489	5.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.898	98	173195	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.180	79	16015	4.307	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.634	63	70825	46.918	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51543	5.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	61895	4.841	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	3909	0.399	ug/L	99
13) Acetone	2.634	43	81879	54.209	ug/L	94
15) Methyl Acetate	2.952	43	21647	7.002	ug/L	99
16) Methylene chloride	3.039	84	5056	0.432	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	52733	5.543	ug/L	98
34) Trichloroethene	6.541	95	26802	2.635	ug/L	94
35) Methylcyclohexane	6.685	83	15021	1.052	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	8072	0.810	ug/L #	88
39) cis-1,3-Dichloropropene	7.573	75	1500	0.111	ug/L	85
40) 4-Methyl-2-pentanone	7.795	43	10364	1.823	ug/L #	89
42) Toluene	7.971	91	6614	0.169	ug/L	83
48) 2-Hexanone	8.685	43	27431	6.161	ug/L #	85
61) 1,2,3-Trichloropropane	11.811	75	13128	2.258	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.843	180	7127	0.481	ug/L	99
70) 1,2,4-trichlorobenzene	13.843	180	7127	0.513	ug/L	98

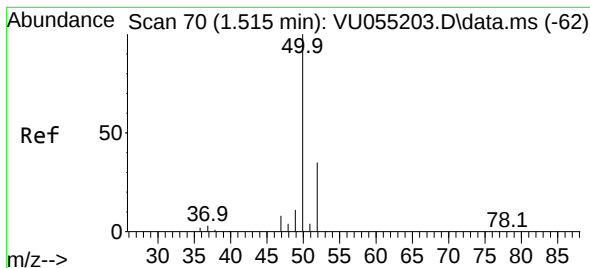
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.399 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

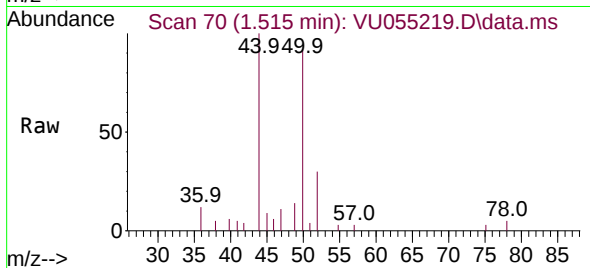
Lab File: VU055219.D

Acq: 08 Sep 2023 04:56

Instrument :

MSVOA_U

ClientSampleId :

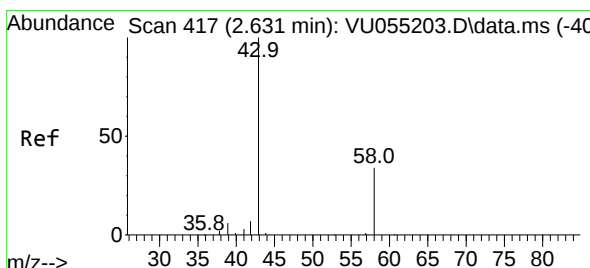
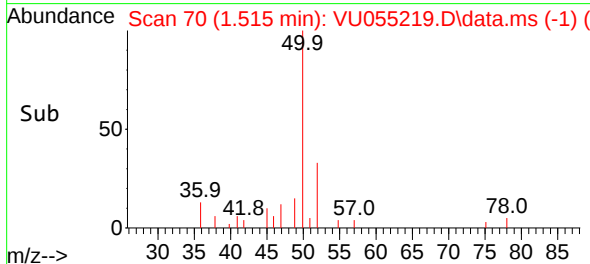
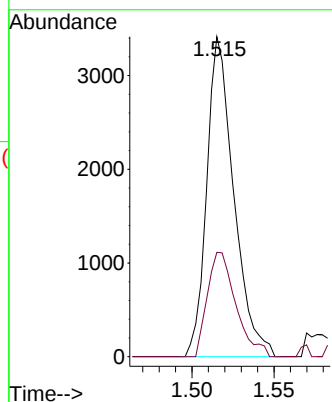


Tgt Ion: 50 Resp: 3909

Ion Ratio Lower Upper

50 100

52 32.6 22.5 41.7



#13

Acetone

Concen: 54.209 ug/L

RT: 2.634 min Scan# 418

Delta R.T. 0.003 min

Lab File: VU055219.D

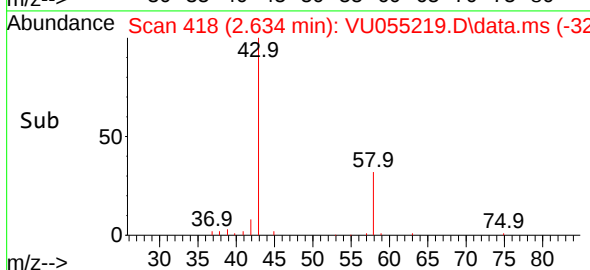
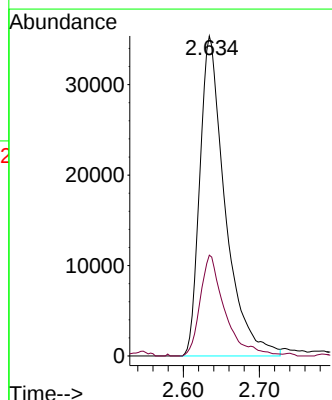
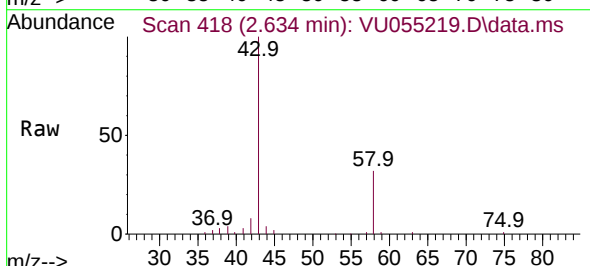
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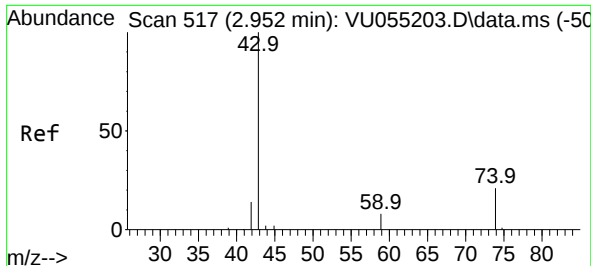
Tgt Ion: 43 Resp: 81879

Ion Ratio Lower Upper

43 100

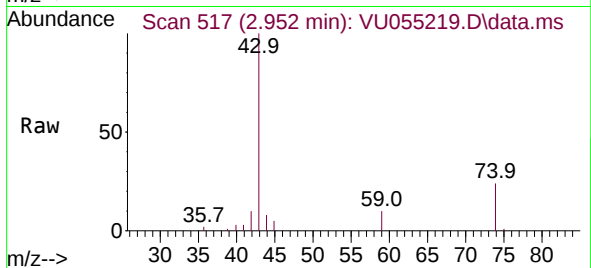
58 30.6 0.0 67.8



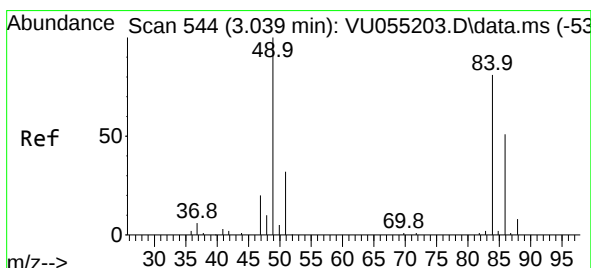
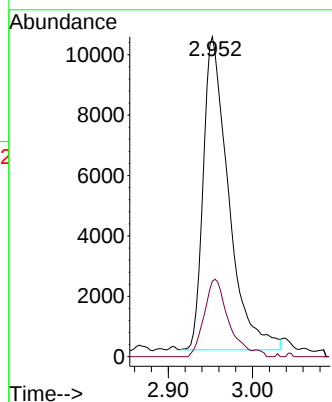
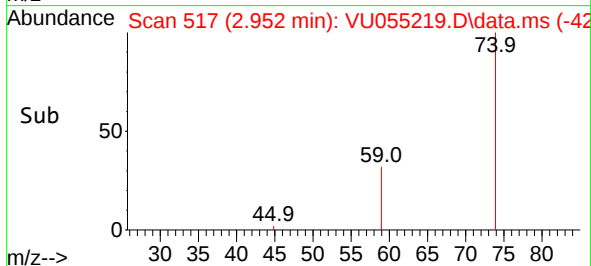


#15
Methyl Acetate
Concen: 7.002 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56

Instrument :
MSVOA_U
ClientSampleId :

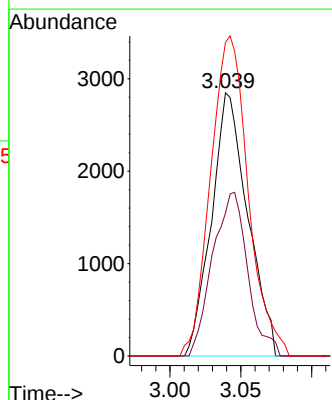
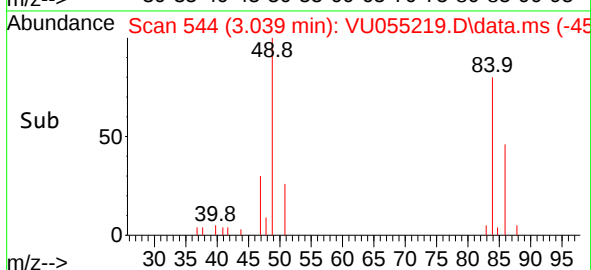
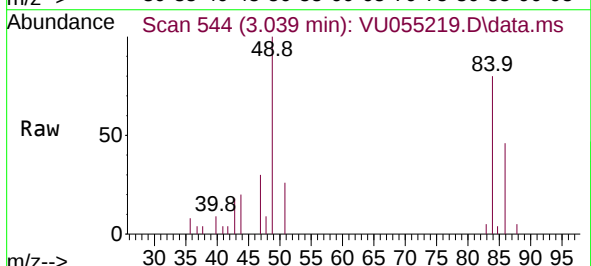


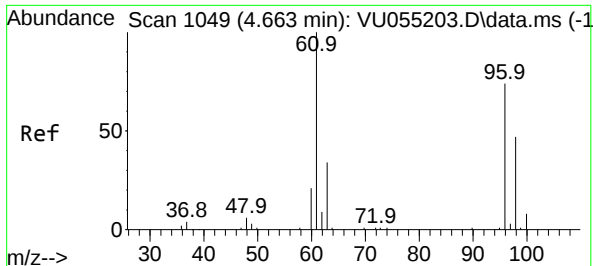
Tgt Ion: 43 Resp: 21647
Ion Ratio Lower Upper
43 100
74 23.5 18.4 27.6



#16
Methylene chloride
Concen: 0.432 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56

Tgt Ion: 84 Resp: 5056
Ion Ratio Lower Upper
84 100
86 54.3 43.4 80.6
49 119.1 87.7 162.9

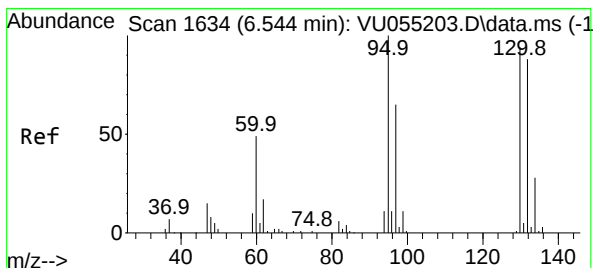
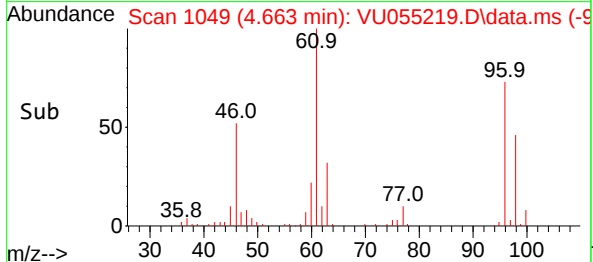
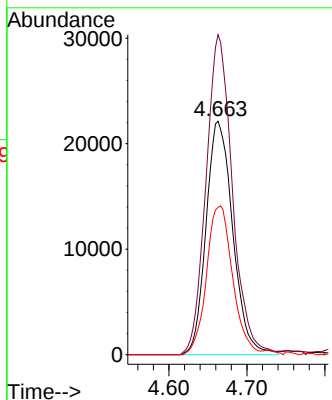
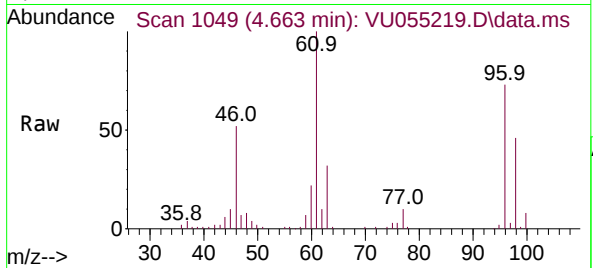




#22
 cis-1,2-Dichloroethene
 Concen: 5.543 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055219.D
 Acq: 08 Sep 2023 04:56

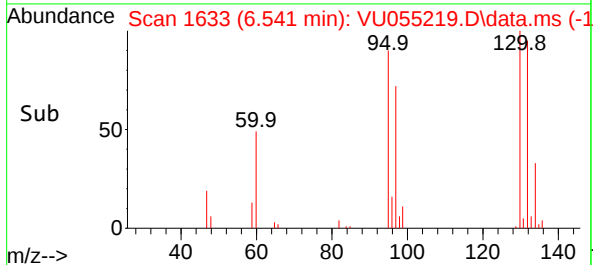
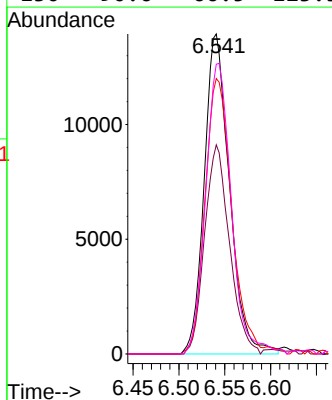
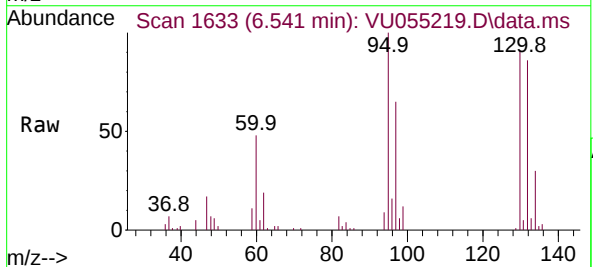
Instrument :
 MSVOA_U
 ClientSampleId :

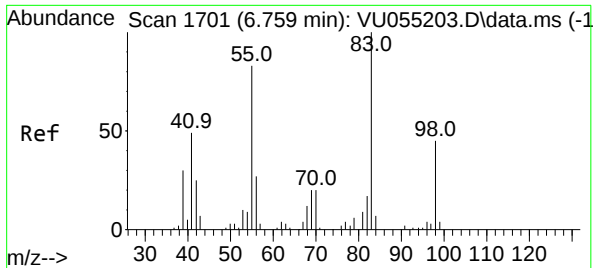
Tgt Ion: 96 Resp: 52733
 Ion Ratio Lower Upper
 96 100
 61 137.1 97.2 180.4
 98 63.1 46.1 85.7



#34
 Trichloroethene
 Concen: 2.635 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.003 min
 Lab File: VU055219.D
 Acq: 08 Sep 2023 04:56

Tgt Ion: 95 Resp: 26802
 Ion Ratio Lower Upper
 95 100
 97 65.4 44.7 83.1
 132 86.0 66.6 123.6
 130 90.6 66.5 123.5

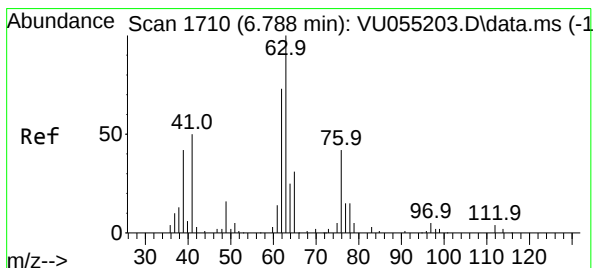
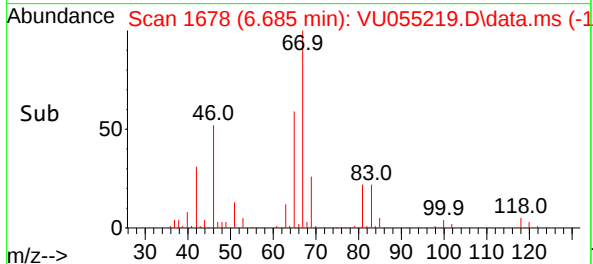
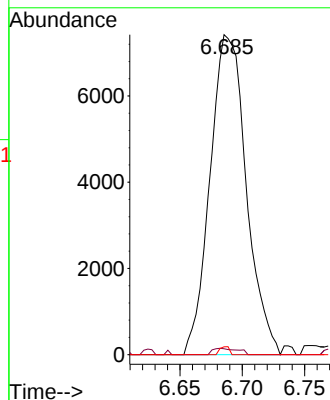
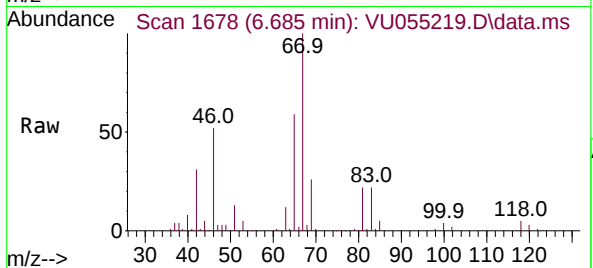




#35
Methylcyclohexane
Concen: 1.052 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56

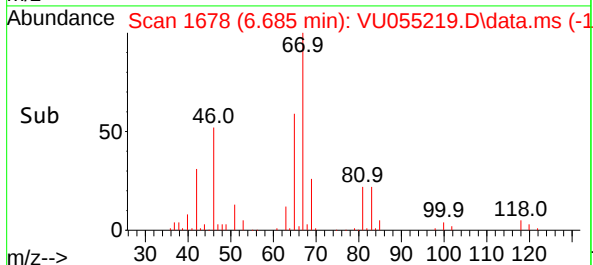
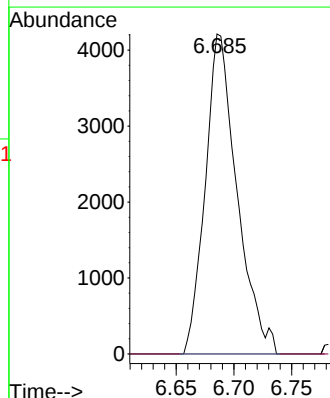
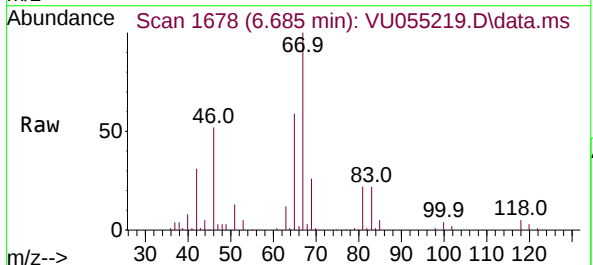
Instrument :
MSVOA_U
ClientSampleId :

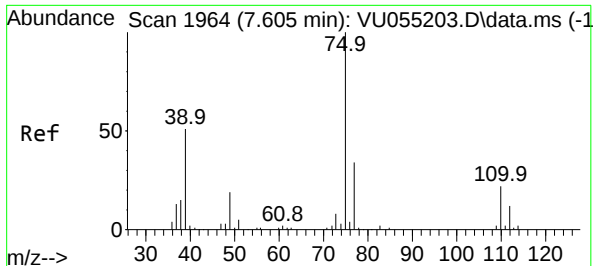
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.4	60.4	90.6#
98	0.0	35.3	52.9#



#37
1,2-Dichloropropane
Concen: 0.810 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.573 min Scan# 1964

Delta R.T. -0.032 min

Lab File: VU055219.D

Acq: 08 Sep 2023 04:56

Instrument :

MSVOA_U

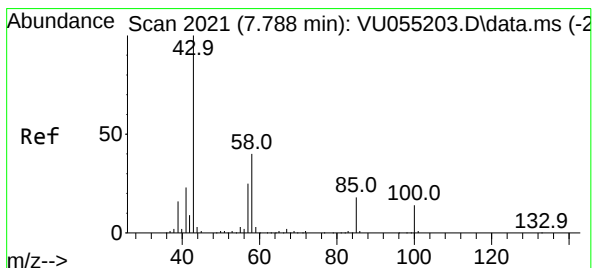
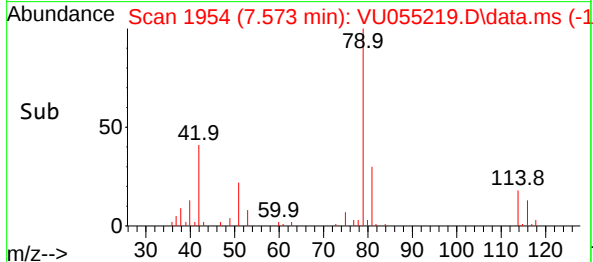
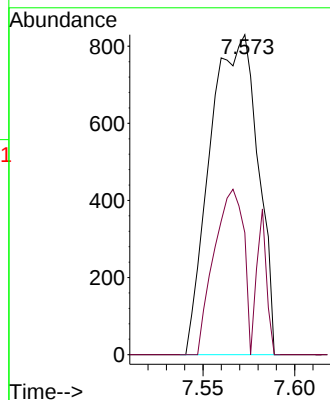
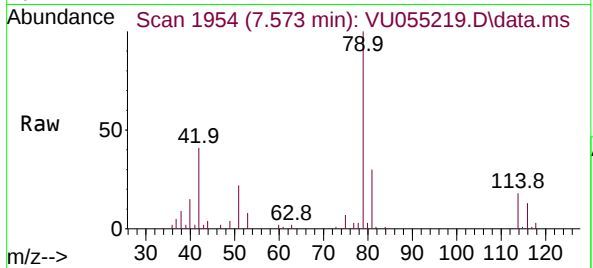
ClientSampleId :

Tgt Ion: 75 Resp: 1500

Ion Ratio Lower Upper

75 100

77 38.1 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 1.823 ug/L

RT: 7.795 min Scan# 2023

Delta R.T. 0.006 min

Lab File: VU055219.D

Acq: 08 Sep 2023 04:56

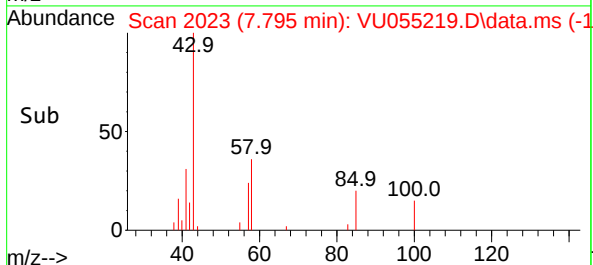
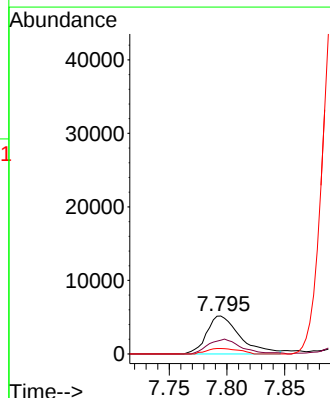
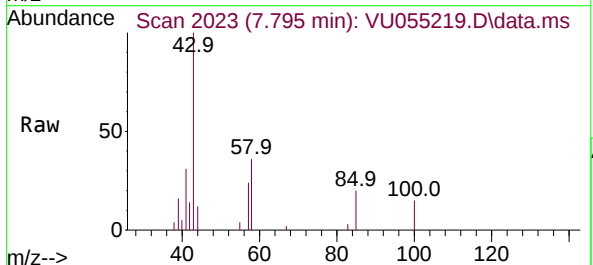
Tgt Ion: 43 Resp: 10364

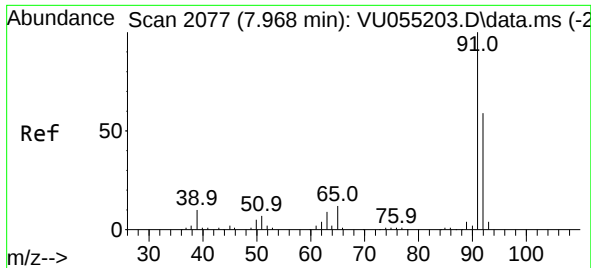
Ion Ratio Lower Upper

43 100

58 38.5 31.5 47.3

100 0.0 11.8 17.8#





#42

Toluene

Concen: 0.169 ug/L

RT: 7.971 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU055219.D

Acq: 08 Sep 2023 04:56

Instrument :

MSVOA_U

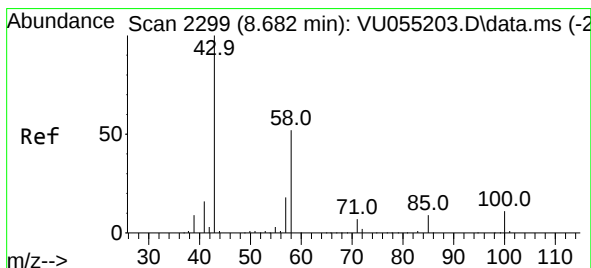
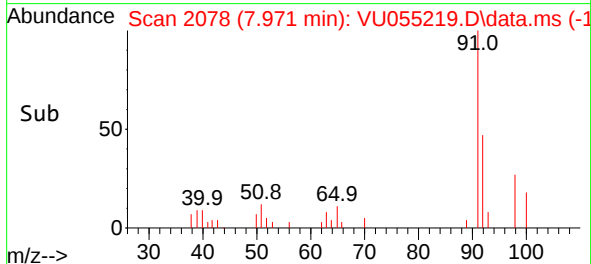
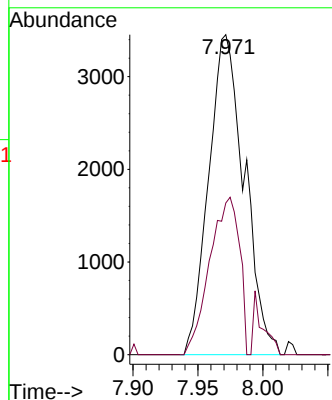
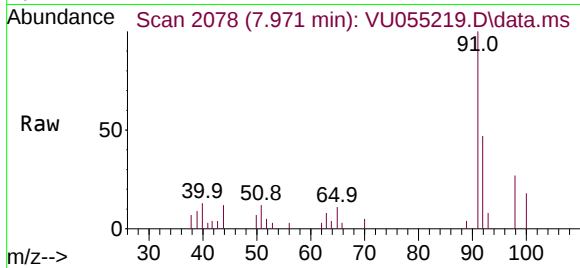
ClientSampleId :

Tgt Ion: 91 Resp: 6614

Ion Ratio Lower Upper

91 100

92 47.4 41.9 77.9



#48

2-Hexanone

Concen: 6.161 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055219.D

Acq: 08 Sep 2023 04:56

Tgt Ion: 43 Resp: 27431

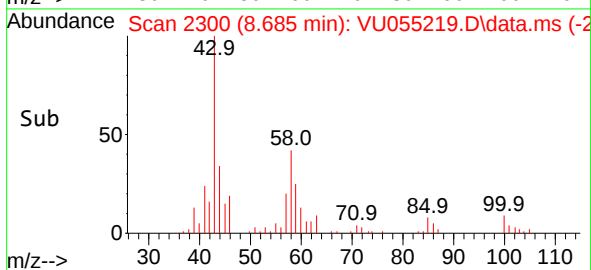
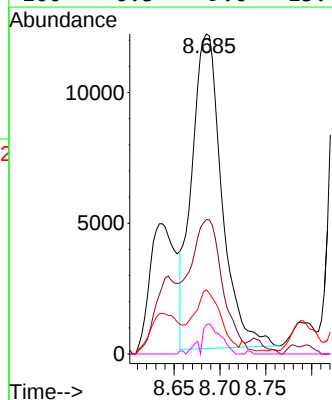
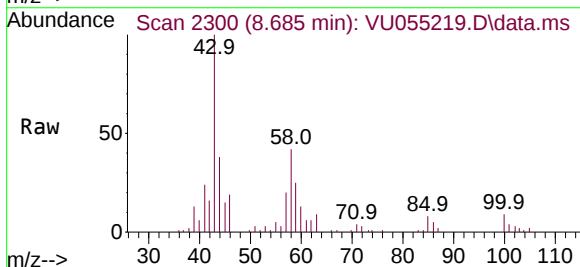
Ion Ratio Lower Upper

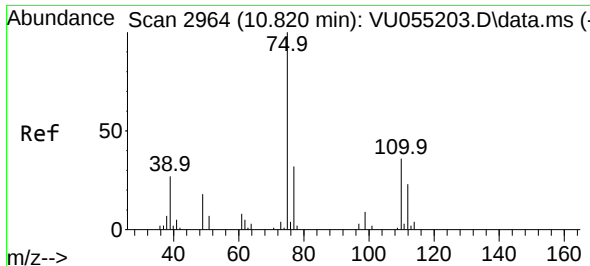
43 100

58 41.5 44.0 66.0#

57 18.0 16.2 24.2

100 6.3 9.0 13.4#

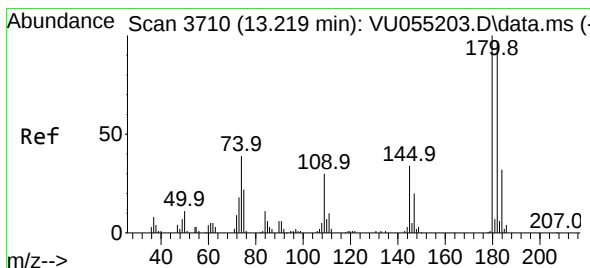
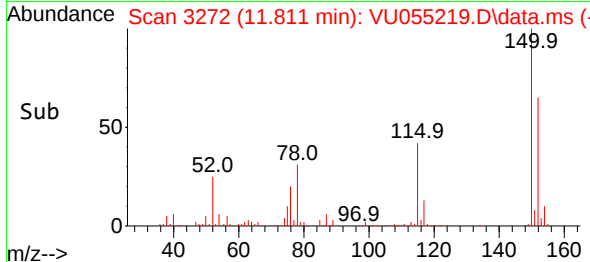
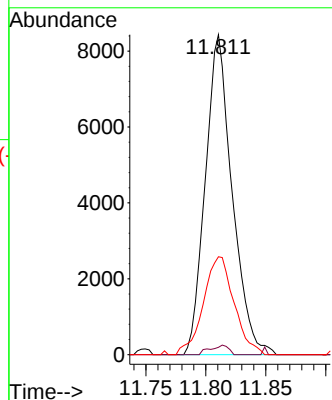
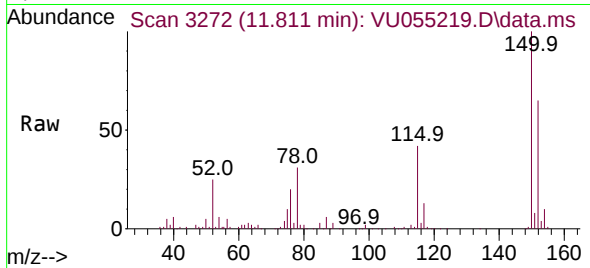




#61
1,2,3-Trichloropropane
Concen: 2.258 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56

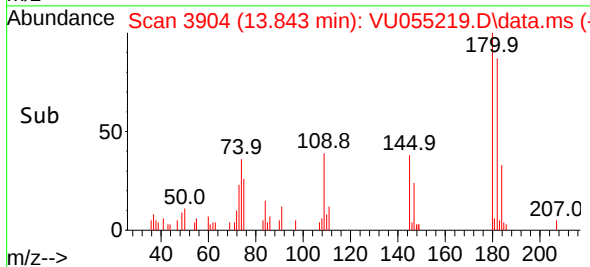
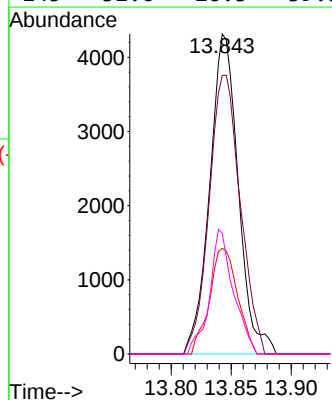
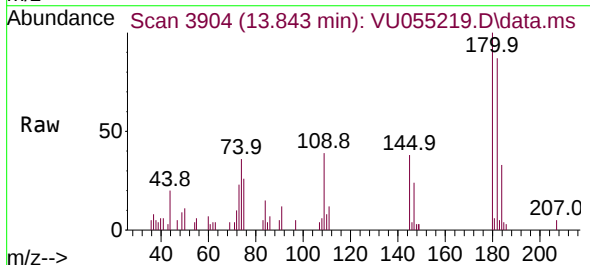
Instrument :
MSVOA_U
ClientSampleId :

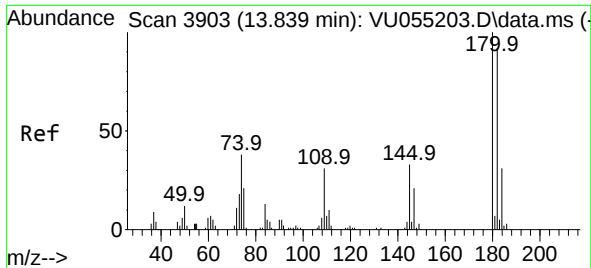
Tgt Ion: 75 Resp: 13128
Ion Ratio Lower Upper
75 100
110 2.0 28.2 42.2#
77 35.0 26.2 39.4



#69
1,3,5-Trichlorobenzene
Concen: 0.481 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.624 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56

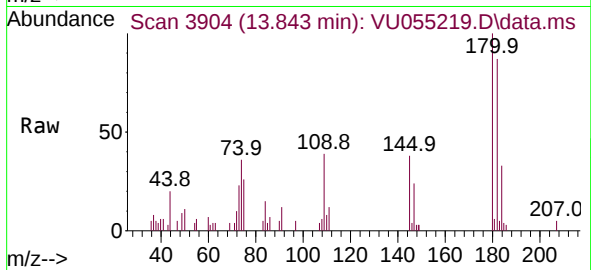
Tgt Ion:180 Resp: 7127
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.6
184 32.5 24.0 36.0
145 32.6 26.3 39.5





#70
 1,2,4-trichlorobenzene
 Concen: 0.513 ug/L
 RT: 13.843 min Scan# 3904
 Delta R.T. 0.003 min
 Lab File: VU055219.D
 Acq: 08 Sep 2023 04:56

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	7127
Ion	Ratio	Lower	Upper
180	100		
182	94.8	73.6	110.4
145	32.6	25.8	38.8

