

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049272.D
 Acq On : 18 Jun 2022 02:30
 Operator : SY/MD
 Sample : N3256-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAH2

Quant Time: Jun 18 05:53:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

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

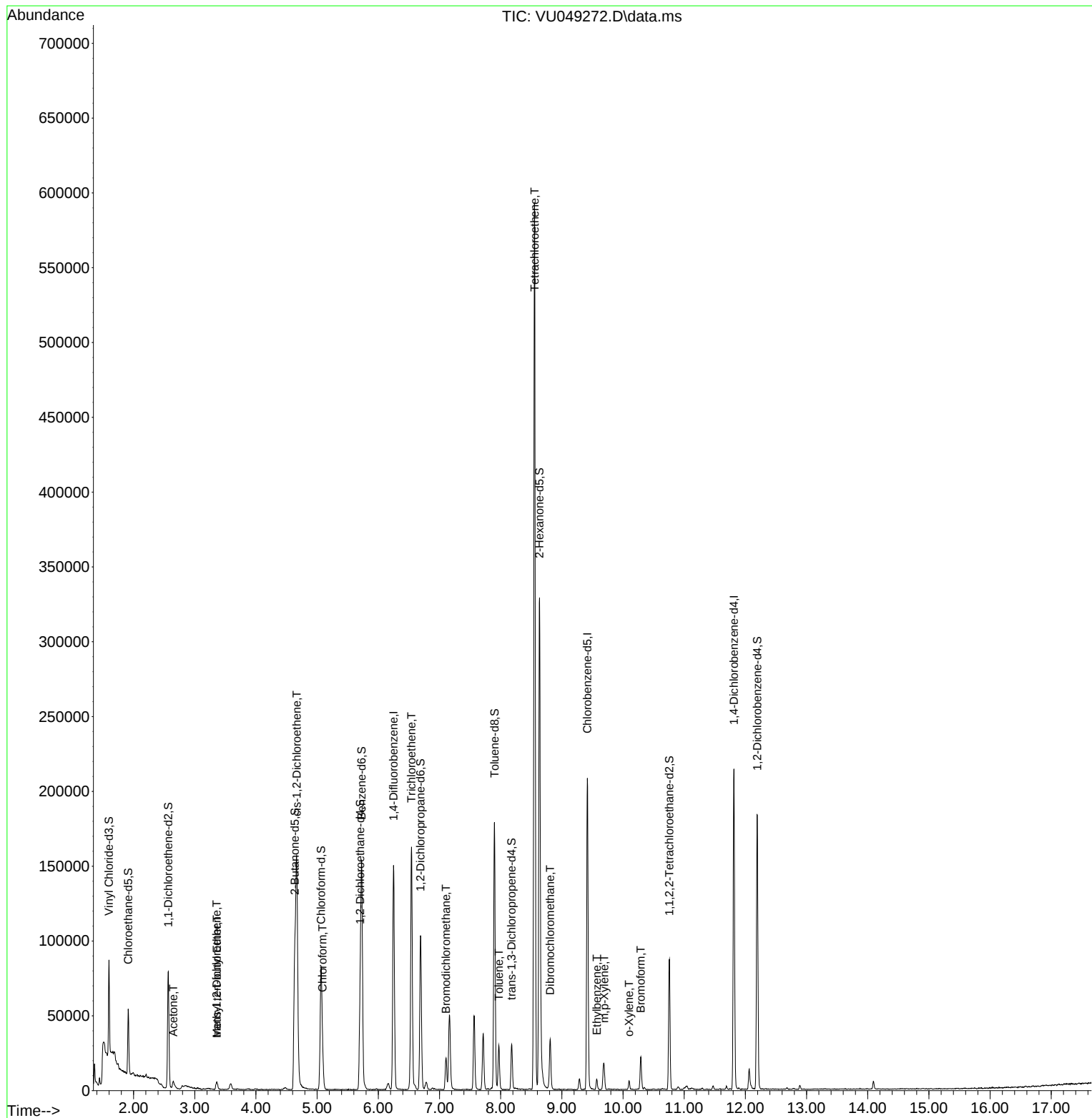
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	117626	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	110425	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54241	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38610	3.757	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.912	69	29693	4.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.565	65	14647	3.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	4.636	46	156589	57.060	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.120%
24) Chloroform-d	5.063	84	71924	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.703	65	41318	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.729	84	136190	4.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.690	67	49697	4.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.899	98	114124	3.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.179	79	16820	3.353	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.000%
46) 2-Hexanone-d5	8.632	63	114482	56.579	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.160%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	44184	4.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	46627	4.480	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
13) Acetone	2.649	43	8425	6.203	ug/L	91
17) Methyl tert-butyl Ether	3.362	73	2118	0.106	ug/L #	87
18) trans-1,2-Dichloroethene	3.359	96	1505	0.205	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	64380	7.855	ug/L	98
25) Chloroform	5.089	83	15380	1.060	ug/L	93
34) Trichloroethene	6.542	95	55081	6.558	ug/L	98
38) Bromodichloromethane	7.105	83	14685	1.331	ug/L	95
42) Toluene	7.970	91	20550	0.590	ug/L	98
47) Tetrachloroethene	8.555	164	123641	21.347	ug/L	99
49) Dibromochloromethane	8.809	129	16235	2.261	ug/L	99
52) Ethylbenzene	9.571	91	4416	0.116	ug/L	90
53) m,p-Xylene	9.693	106	2556	0.181	ug/L	85
54) o-Xylene	10.098	106	1545	0.110	ug/L	89
59) Bromoform	10.288	173	9297	2.282	ug/L	97

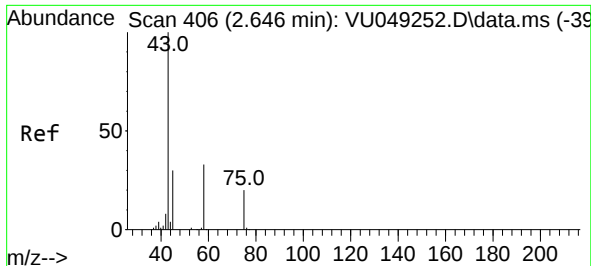
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.203 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.003 min

Lab File: VU049272.D

Acq: 18 Jun 2022 02:30

Instrument :

MSVOA_U

ClientSampleId :

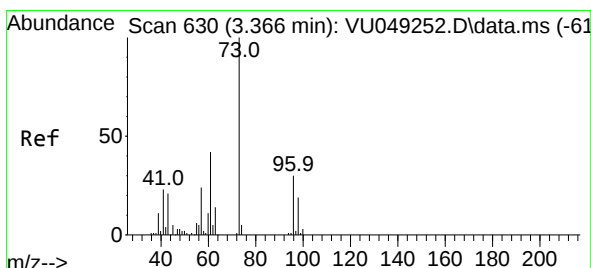
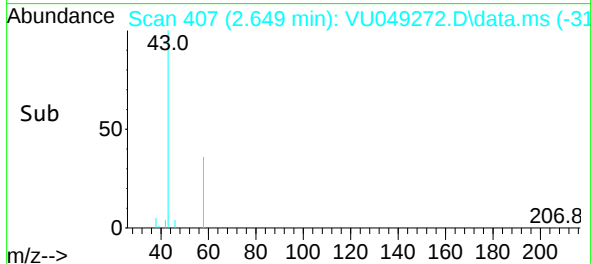
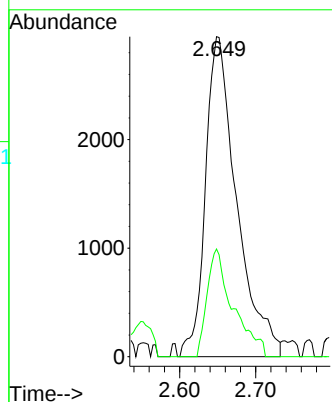
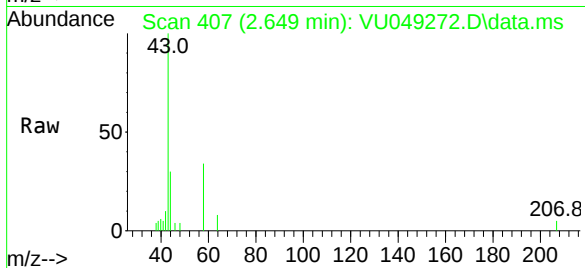
C0AH2

Tgt Ion: 43 Resp: 8425

Ion Ratio Lower Upper

43 100

58 27.8 0.0 65.8



#17

Methyl tert-butyl Ether

Concen: 0.106 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU049272.D

Acq: 18 Jun 2022 02:30

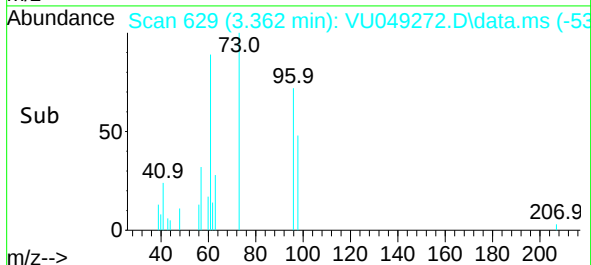
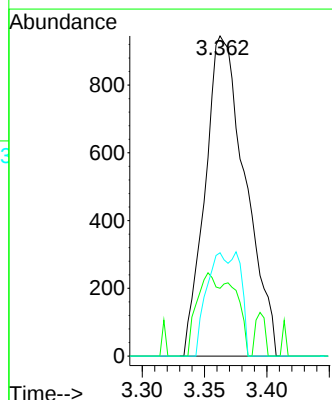
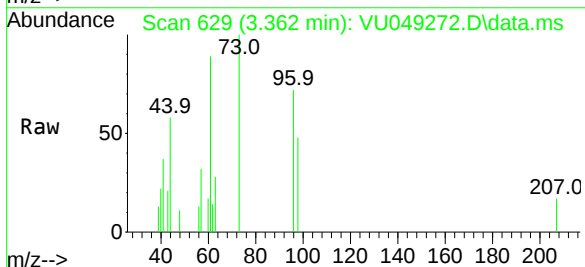
Tgt Ion: 73 Resp: 2118

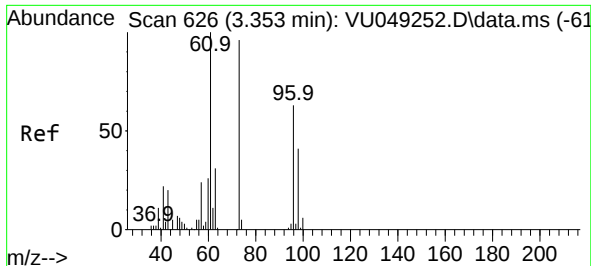
Ion Ratio Lower Upper

73 100

43 14.2 16.5 24.7#

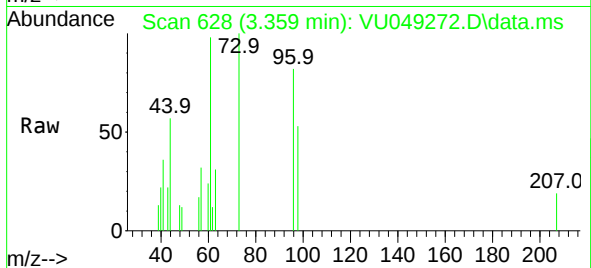
57 17.4 18.6 27.8#



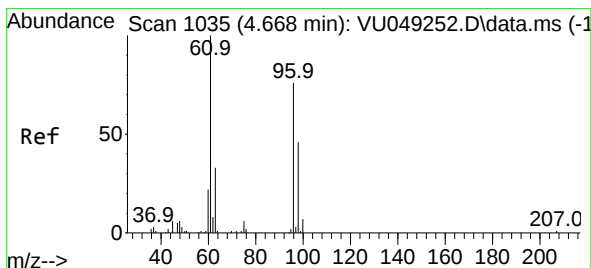
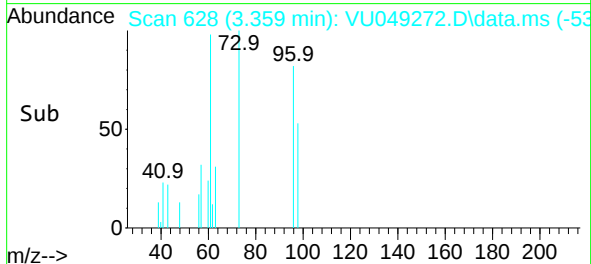
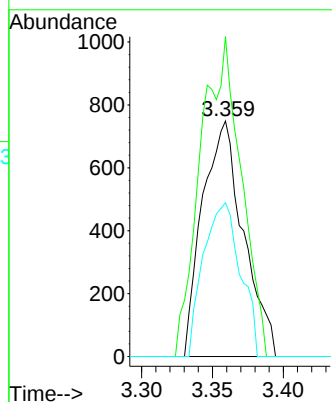


#18
trans-1,2-Dichloroethene
Concen: 0.205 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU049272.D
Acq: 18 Jun 2022 02:30

Instrument :
MSVOA_U
ClientSampleId :
C0AH2

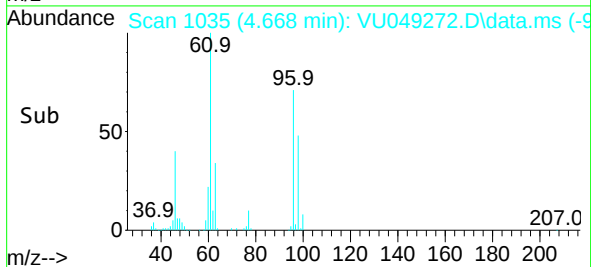
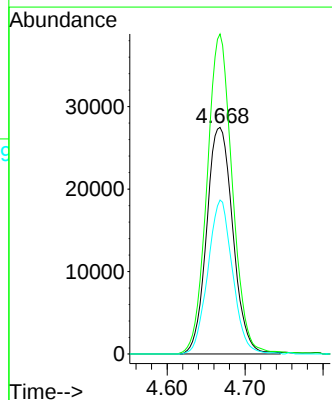
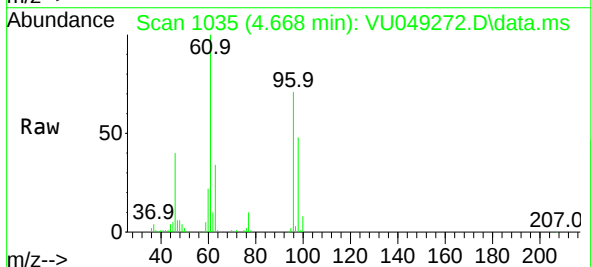


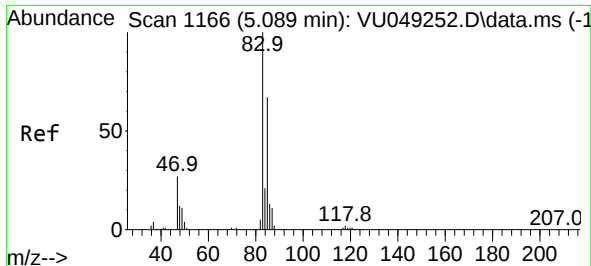
Tgt Ion: 96 Resp: 1505
Ion Ratio Lower Upper
96 100
61 135.8 103.3 191.9
98 65.3 44.0 81.8



#22
cis-1,2-Dichloroethene
Concen: 7.855 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU049272.D
Acq: 18 Jun 2022 02:30

Tgt Ion: 96 Resp: 64380
Ion Ratio Lower Upper
96 100
61 141.3 99.5 184.9
98 67.9 44.8 83.2





#25

Chloroform

Concen: 1.060 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049272.D

Acq: 18 Jun 2022 02:30

Instrument :

MSVOA_U

ClientSampleId :

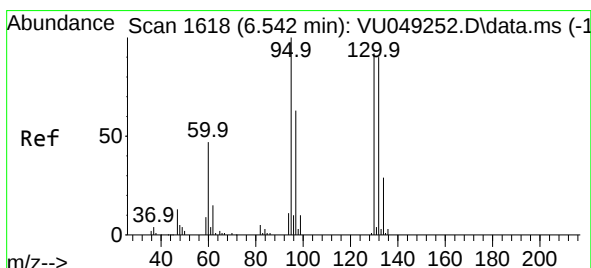
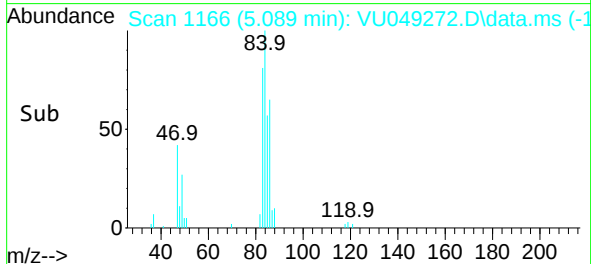
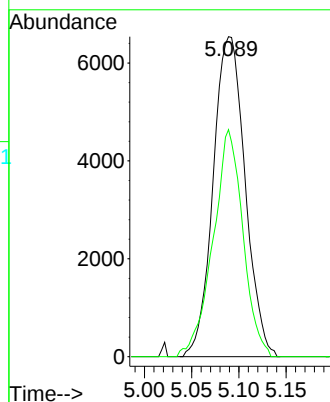
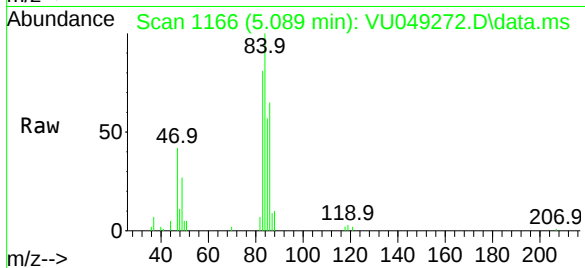
C0AH2

Tgt Ion: 83 Resp: 15380

Ion Ratio Lower Upper

83 100

85 71.0 45.8 85.2



#34

Trichloroethene

Concen: 6.558 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU049272.D

Acq: 18 Jun 2022 02:30

Tgt Ion: 95 Resp: 55081

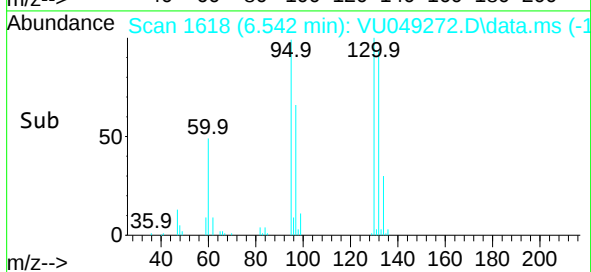
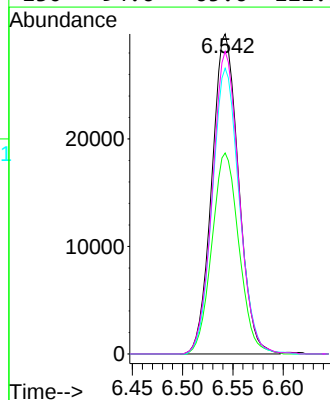
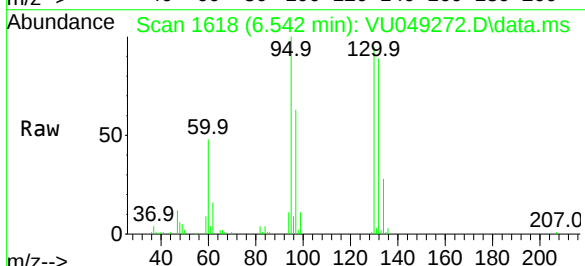
Ion Ratio Lower Upper

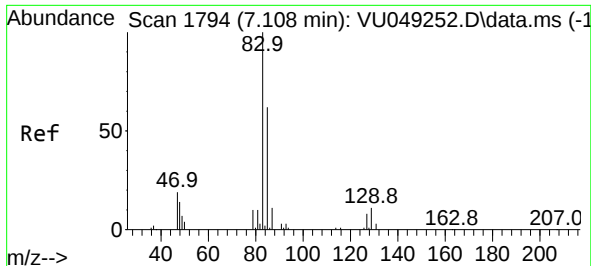
95 100

97 62.8 45.3 84.1

132 89.3 61.5 114.3

130 94.6 65.6 121.8

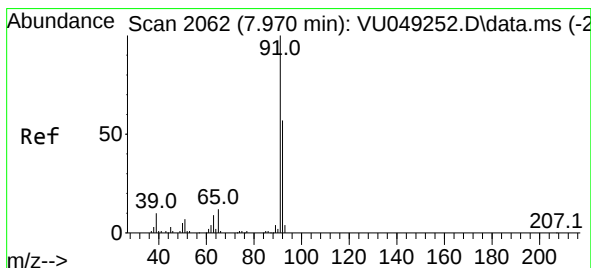
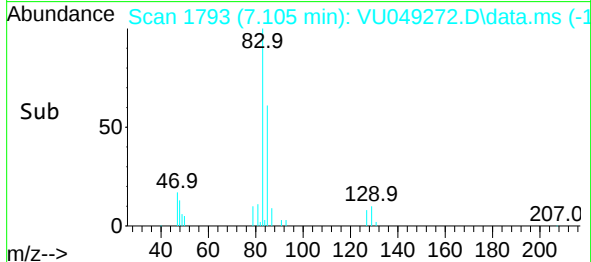
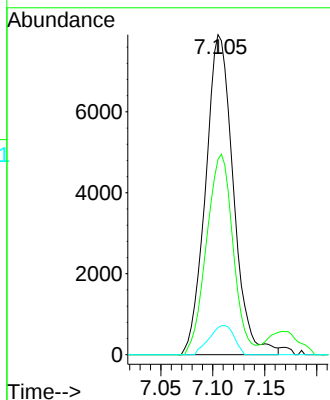
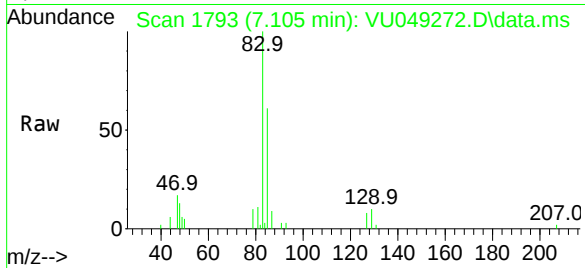




#38
 Bromodichloromethane
 Concen: 1.331 ug/L
 RT: 7.105 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU049272.D
 Acq: 18 Jun 2022 02:30

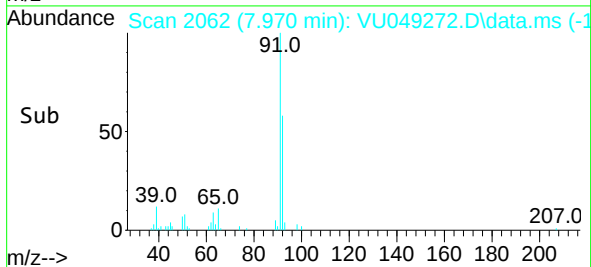
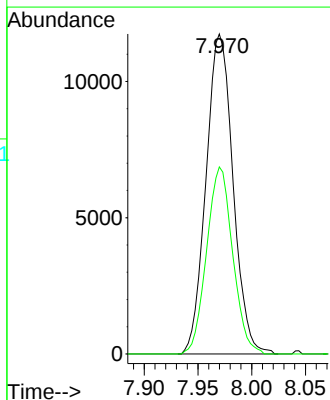
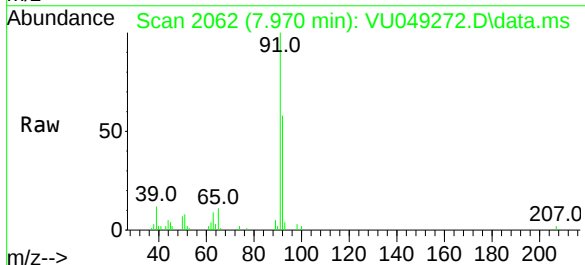
Instrument :
 MSVOA_U
 ClientSampleId :
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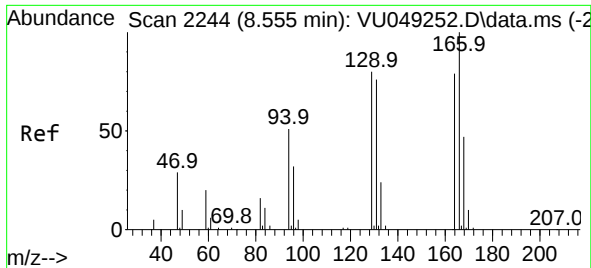
Tgt Ion: 83 Resp: 14685
 Ion Ratio Lower Upper
 83 100
 85 61.1 45.5 84.5
 127 8.5 7.1 10.7



#42
 Toluene
 Concen: 0.590 ug/L
 RT: 7.970 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VU049272.D
 Acq: 18 Jun 2022 02:30

Tgt Ion: 91 Resp: 20550
 Ion Ratio Lower Upper
 91 100
 92 58.4 40.0 74.2

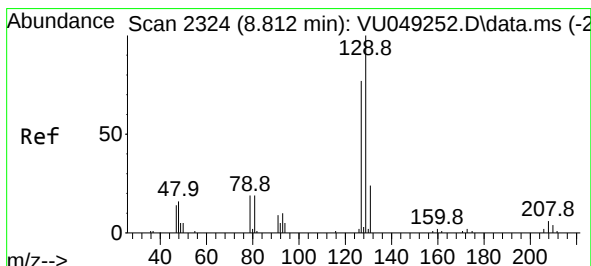
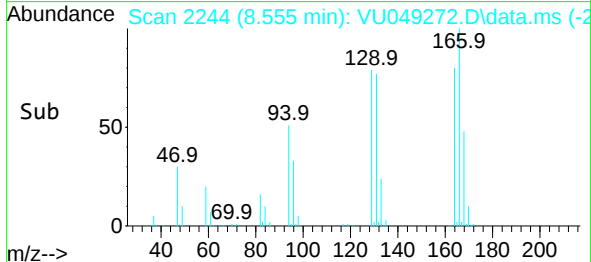
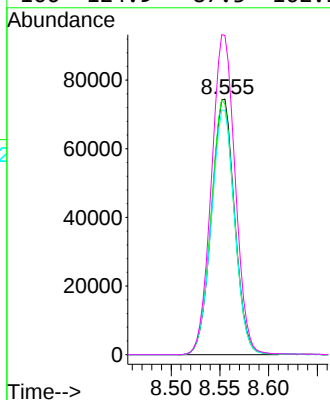
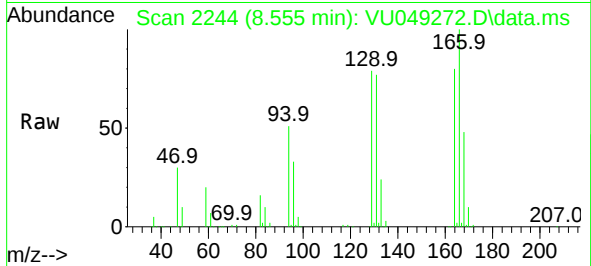




#47
Tetrachloroethene
Concen: 21.347 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049272.D
Acq: 18 Jun 2022 02:30

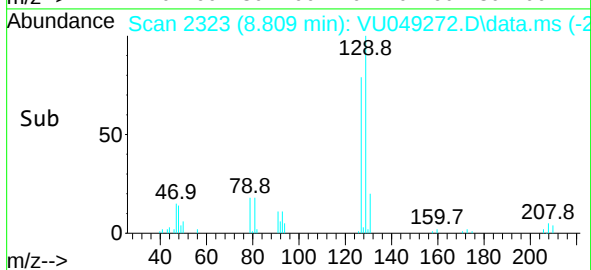
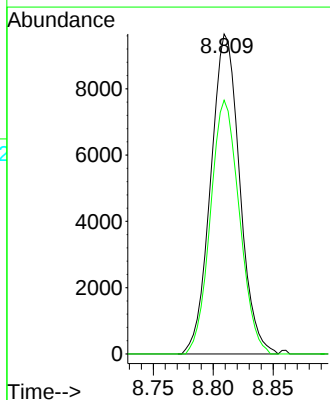
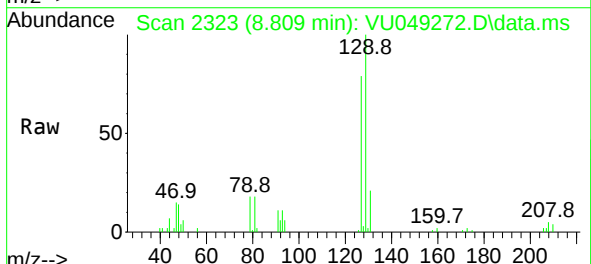
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MSVOA_U
ClientSampleId :
C0AH2

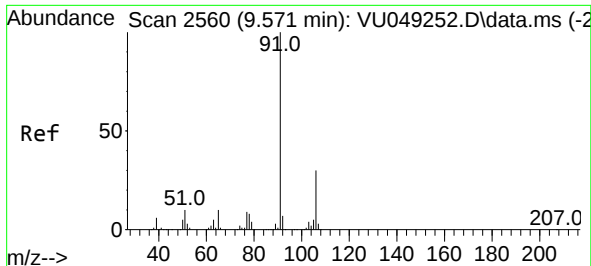
Tgt Ion:164 Resp: 123641
Ion Ratio Lower Upper
164 100
129 98.1 69.8 129.6
131 95.6 67.8 125.8
166 124.9 87.3 162.1



#49
Dibromochloromethane
Concen: 2.261 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049272.D
Acq: 18 Jun 2022 02:30

Tgt Ion:129 Resp: 16235
Ion Ratio Lower Upper
129 100
127 79.3 54.9 101.9

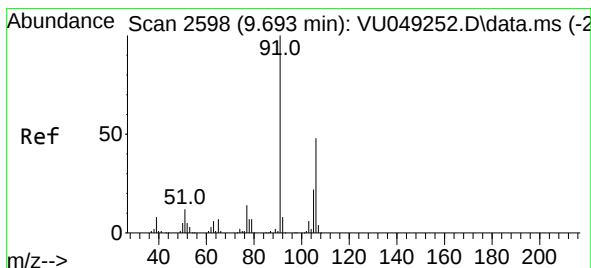
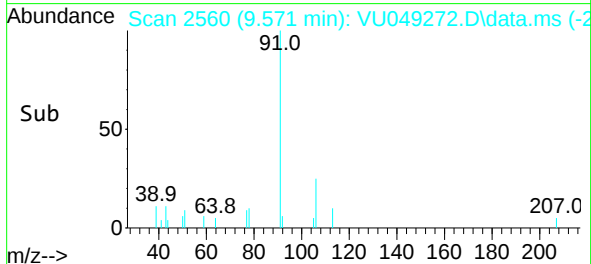
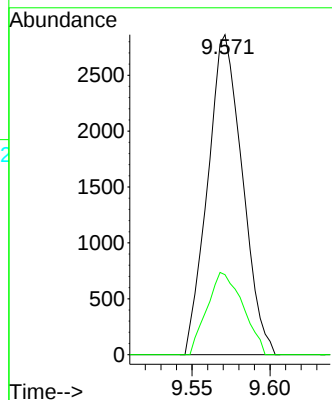
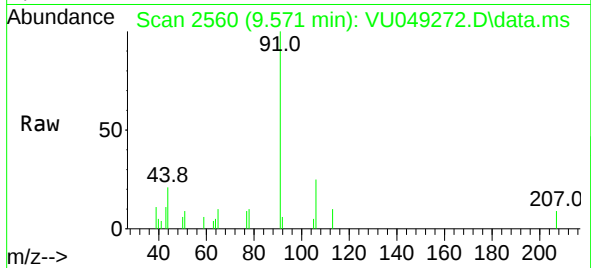




#52
Ethylbenzene
Concen: 0.116 ug/L
RT: 9.571 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049272.D
Acq: 18 Jun 2022 02:30

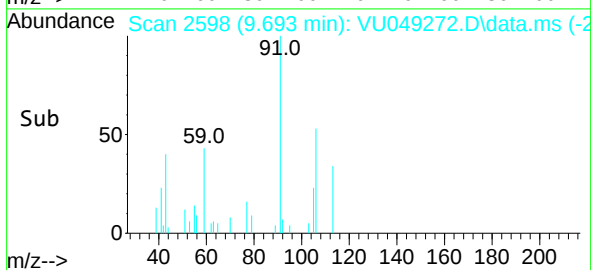
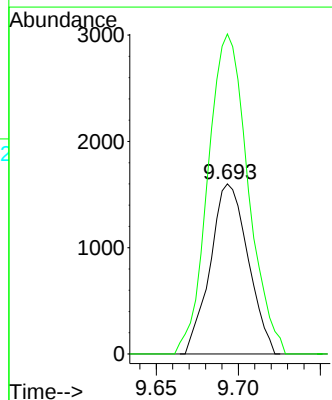
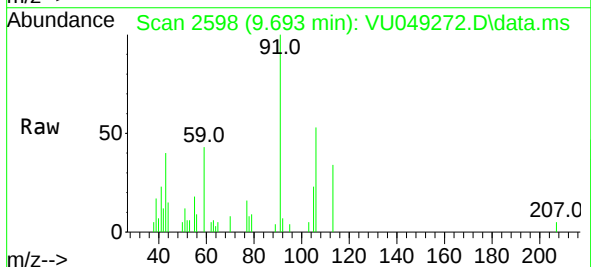
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MSVOA_U
ClientSampleId :
C0AH2

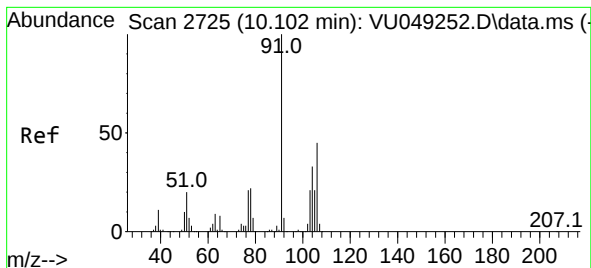
Tgt Ion: 91 Resp: 4416
Ion Ratio Lower Upper
91 100
106 25.0 21.2 39.4



#53
m,p-Xylene
Concen: 0.181 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049272.D
Acq: 18 Jun 2022 02:30

Tgt Ion: 106 Resp: 2556
Ion Ratio Lower Upper
106 100
91 188.1 148.5 275.7





#54

o-Xylene

Concen: 0.110 ug/L

RT: 10.098 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049272.D

Acq: 18 Jun 2022 02:30

Instrument :

MSVOA_U

ClientSampleId :

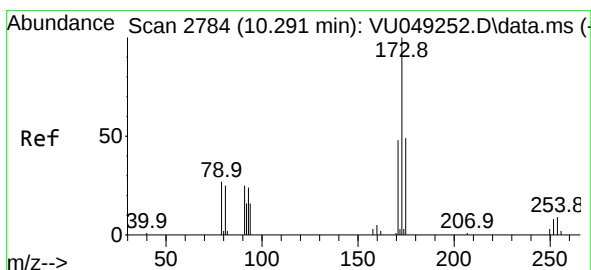
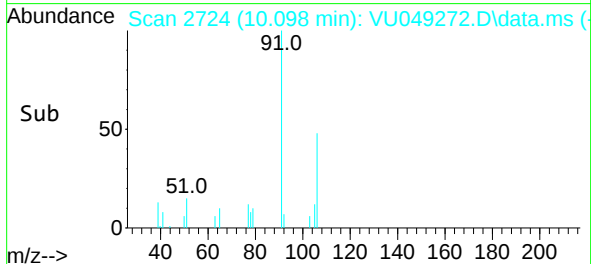
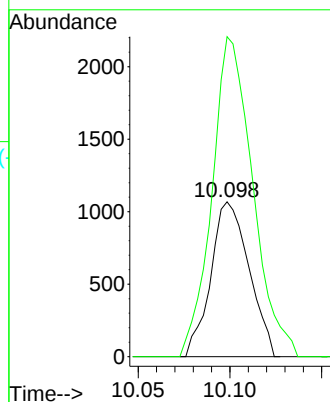
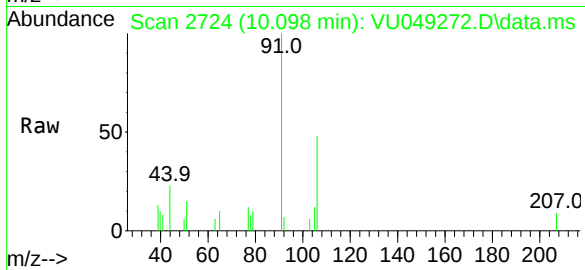
C0AH2

Tgt Ion:106 Resp: 1545

Ion Ratio Lower Upper

106 100

91 206.6 157.5 292.5



#59

Bromoform

Concen: 2.282 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.003 min

Lab File: VU049272.D

Acq: 18 Jun 2022 02:30

Tgt Ion:173 Resp: 9297

Ion Ratio Lower Upper

173 100

175 49.7 37.9 56.9

254 8.4 6.6 9.8

