

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070122\
 Data File : VW026632.D
 Acq On : 01 Jul 2022 16:41
 Operator : SY/MD
 Sample : N3506-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAH3

Quant Time: Jul 04 02:05:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 04 02:01:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	185156	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	178303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	51300	3.445	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.581	69	48151	4.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.121	63	73186	2.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.400%#
20) 2-Butanone-d5	3.921	46	99056	66.911	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.820%#
24) Chloroform-d	4.362	84	112006	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.043	65	46267	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.059	84	201525	3.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.076	67	66009	4.687	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.320	98	154535	3.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	7.628	79	16142	4.434	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.092	63	67801	48.898	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.800%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47227	5.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	57721	4.629	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
6) Bromomethane	1.539	94	631	0.071	ug/L #	59
8) Chloroethane	1.606	64	8427	0.755	ug/L #	58
13) Acetone	2.208	43	8096	8.620	ug/L	82
14) Carbon disulfide	2.307	76	47255	1.432	ug/L	97
22) cis-1,2-Dichloroethene	3.934	96	547	0.043	ug/L	79
25) Chloroform	4.391	83	28710	1.171	ug/L	95
27) 1,2-Dichloroethane	5.056	62	1003	0.092	ug/L #	72
35) Methylcyclohexane	6.076	83	16521	0.816	ug/L #	21
37) 1,2-Dichloropropane	6.079	63	6830	0.544	ug/L #	84
38) Bromodichloromethane	6.526	83	946	0.064	ug/L #	78
39) cis-1,3-Dichloropropene	6.995	75	999	0.079	ug/L #	60
42) Toluene	7.394	91	51036	0.950	ug/L	100
47) Tetrachloroethene	7.979	164	5768	0.529	ug/L	94
49) Dibromochloromethane	8.252	129	1192	0.149	ug/L	90
59) Bromoform	9.744	173	816	0.294	ug/L #	79
61) 1,2,3-Trichloropropane	11.249	75	8421	1.726	ug/L #	63

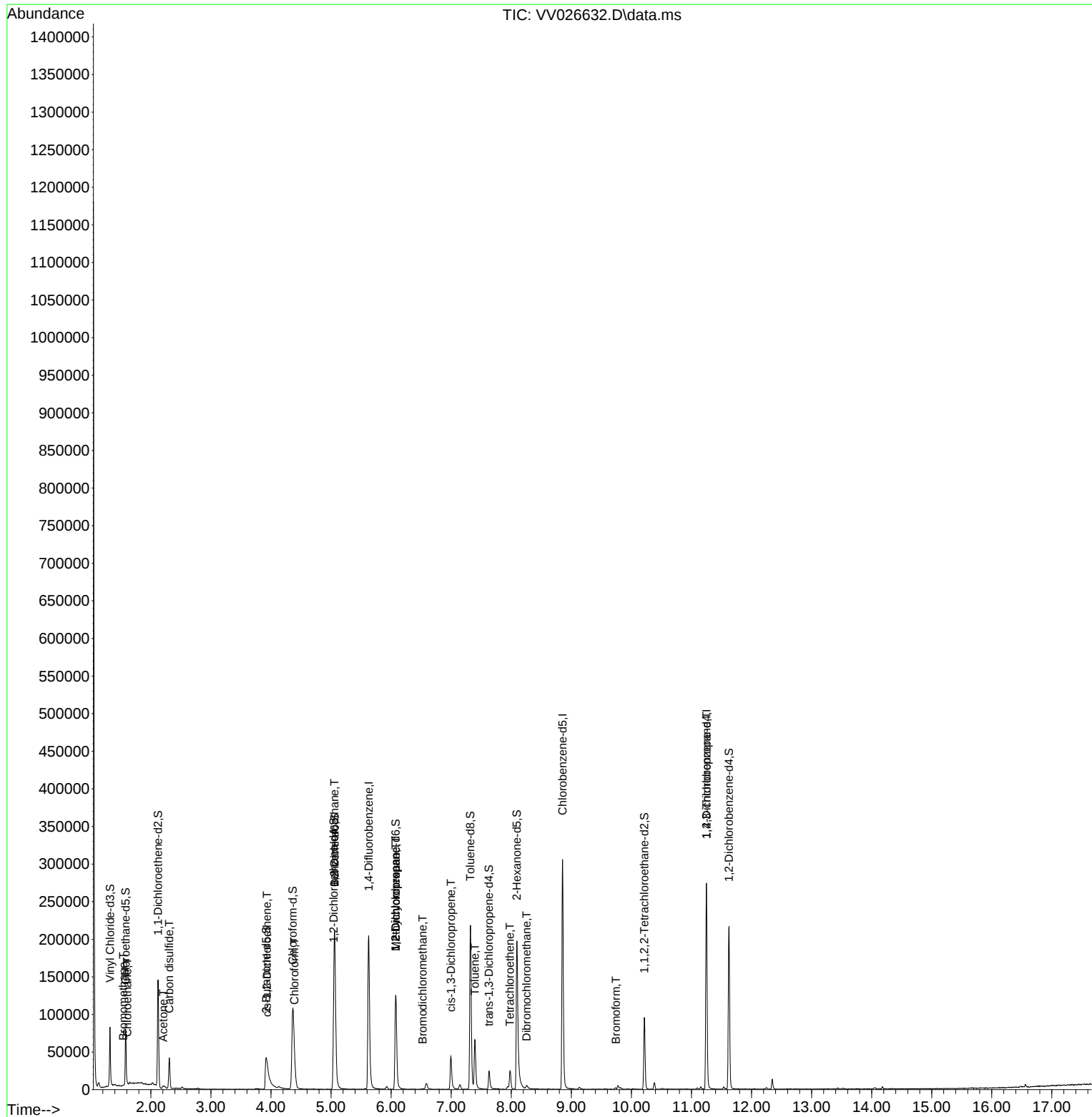
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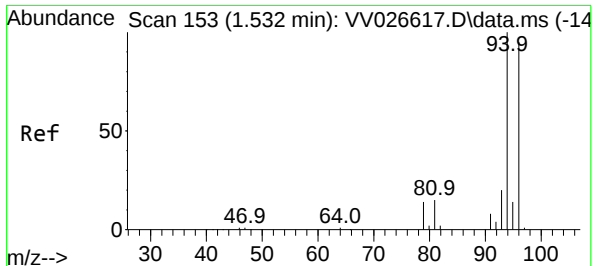
Instrument :
MSVOA_V
ClientSampleId :
C0AH3

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

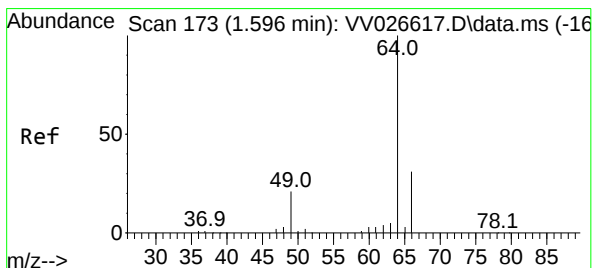
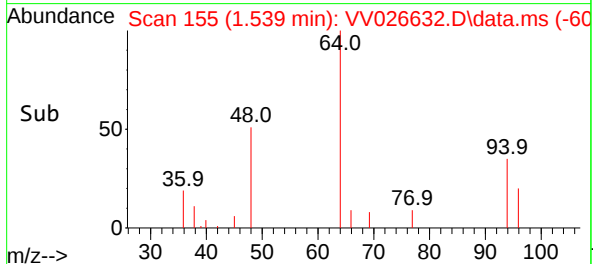
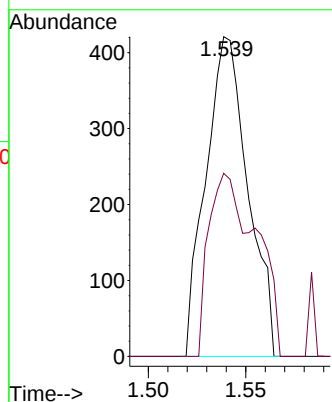
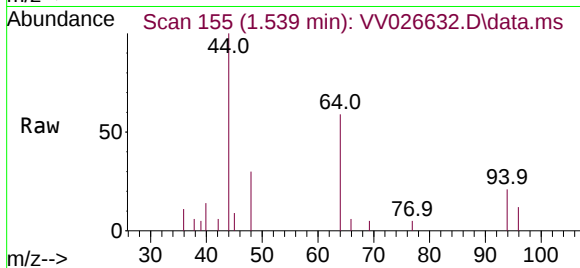




#6
Bromomethane
Concen: 0.071 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV026632.D
Acq: 01 Jul 2022 16:41

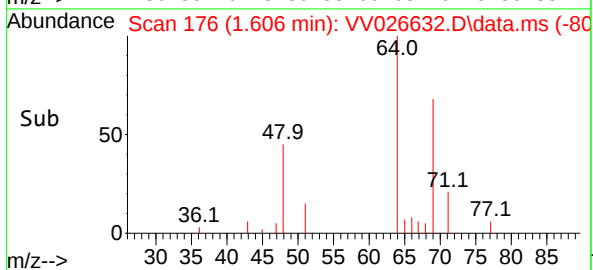
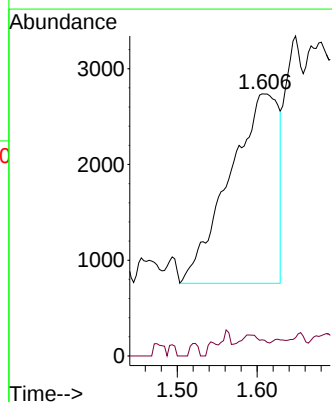
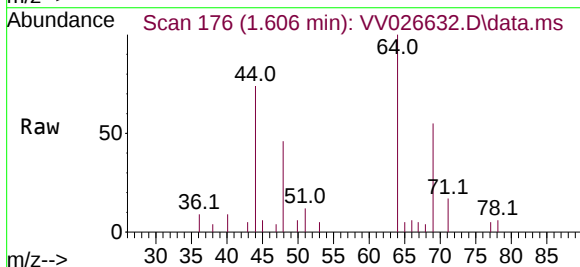
Instrument :
MSVOA_V
ClientSampleId :
C0AH3

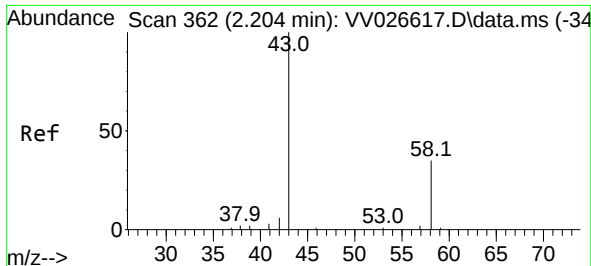
Tgt Ion: 94 Resp: 631
Ion Ratio Lower Upper
94 100
96 57.2 68.0 126.2#



#8
Chloroethane
Concen: 0.755 ug/L
RT: 1.606 min Scan# 176
Delta R.T. 0.010 min
Lab File: VV026632.D
Acq: 01 Jul 2022 16:41

Tgt Ion: 64 Resp: 8427
Ion Ratio Lower Upper
64 100
66 6.2 20.0 37.2#

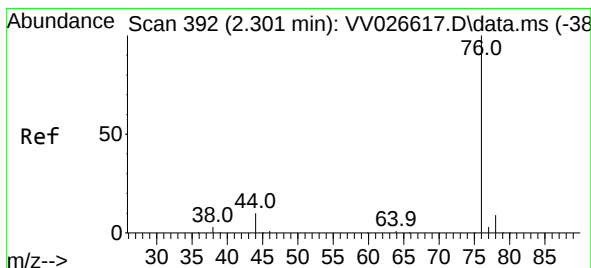
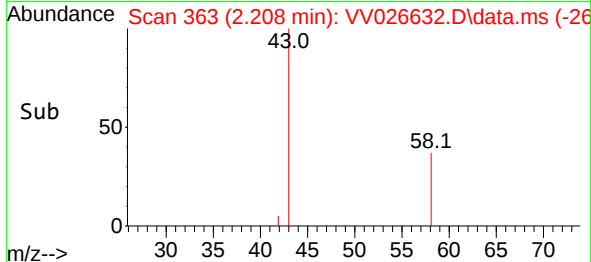
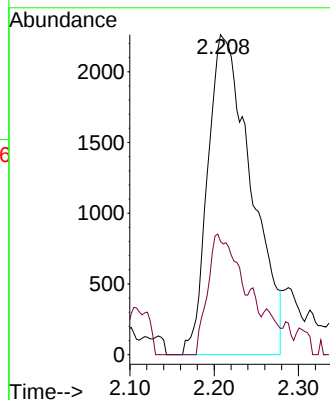
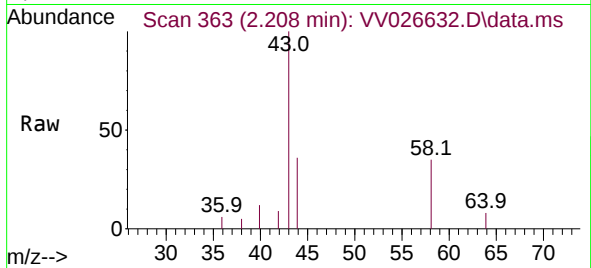




#13
Acetone
Concen: 8.620 ug/L
RT: 2.208 min Scan# 30
Delta R.T. 0.003 min
Lab File: VV026632.D
Acq: 01 Jul 2022 16:41

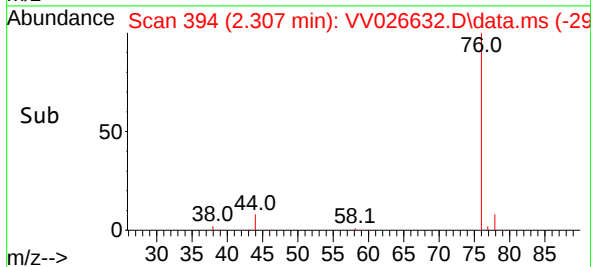
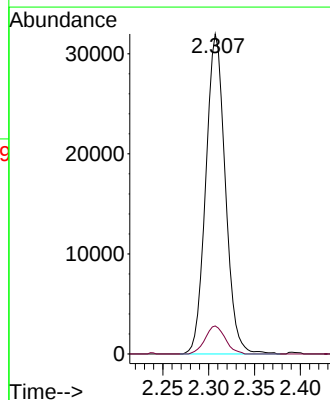
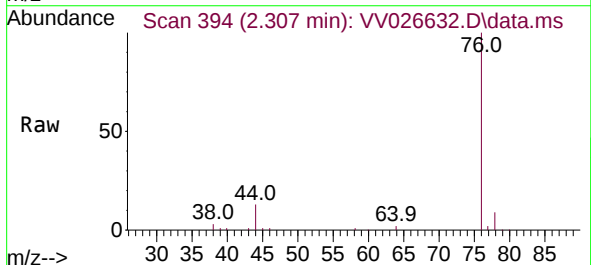
Instrument :
MSVOA_V
ClientSampleId :
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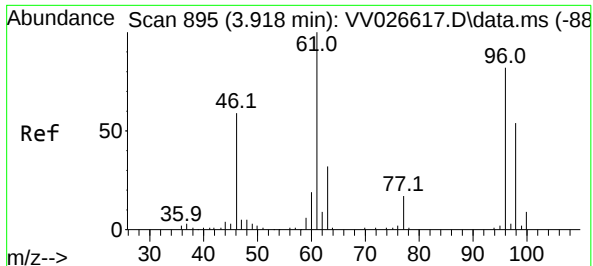
Tgt Ion: 43 Resp: 8096
Ion Ratio Lower Upper
43 100
58 26.8 0.0 75.0



#14
Carbon disulfide
Concen: 1.432 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.007 min
Lab File: VV026632.D
Acq: 01 Jul 2022 16:41

Tgt Ion: 76 Resp: 47255
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6





#22

cis-1,2-Dichloroethene

Concen: 0.043 ug/L

RT: 3.934 min Scan# 90

Delta R.T. 0.016 min

Lab File: VV026632.D

Acq: 01 Jul 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

C0AH3

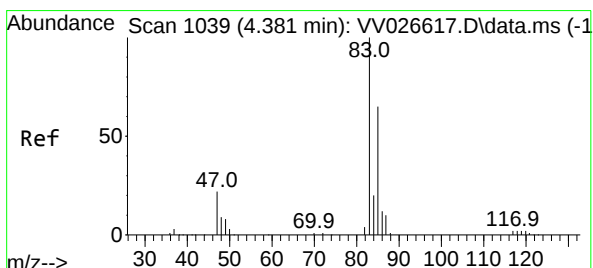
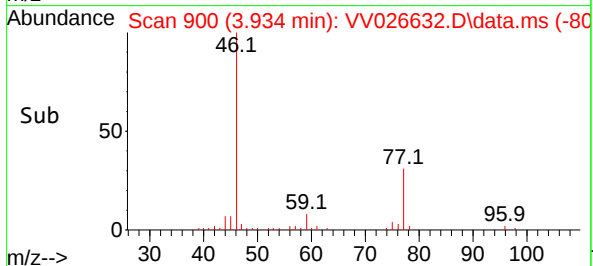
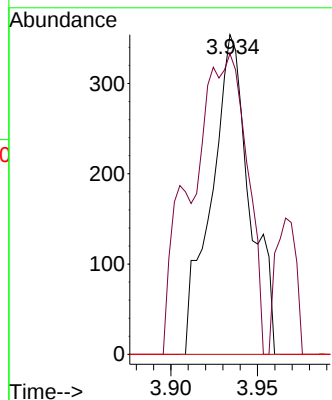
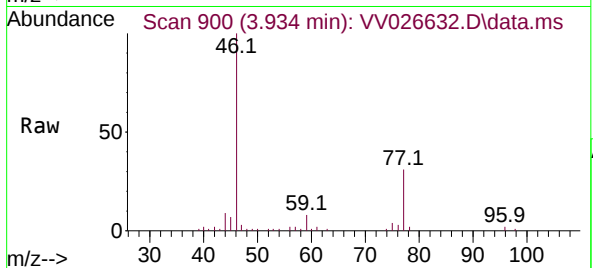
Tgt Ion: 96 Resp: 547

Ion Ratio Lower Upper

96 100

61 94.1 82.0 152.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 1.171 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.010 min

Lab File: VV026632.D

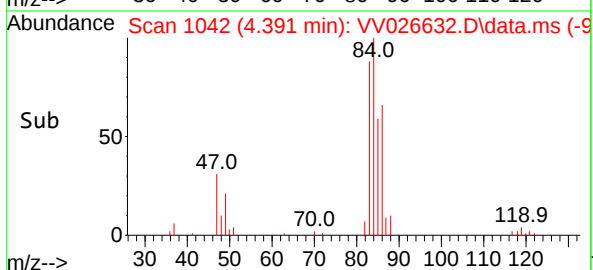
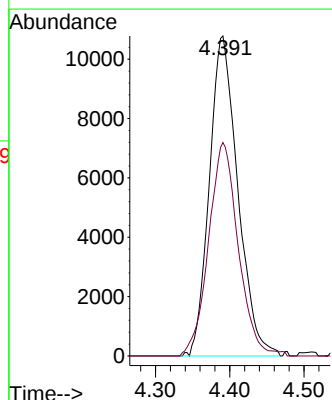
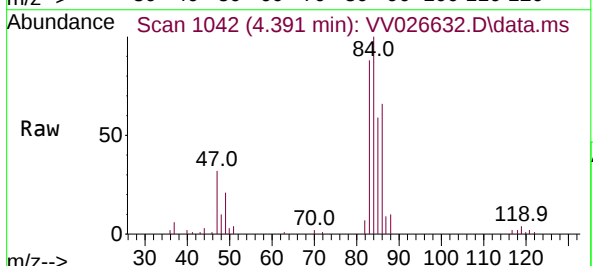
Acq: 01 Jul 2022 16:41

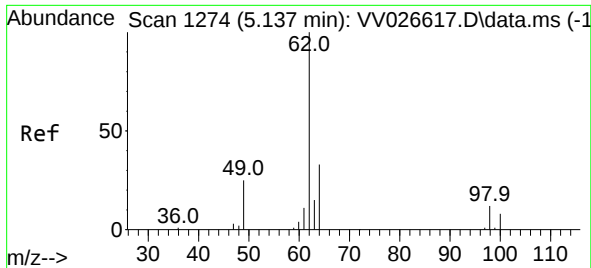
Tgt Ion: 83 Resp: 28710

Ion Ratio Lower Upper

83 100

85 66.7 44.0 81.8

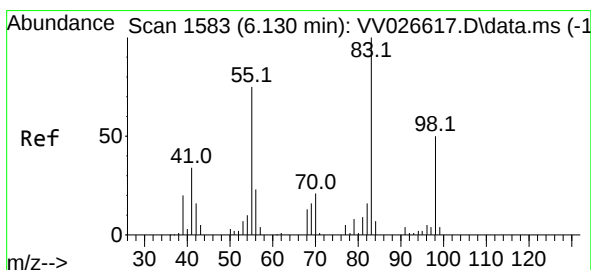
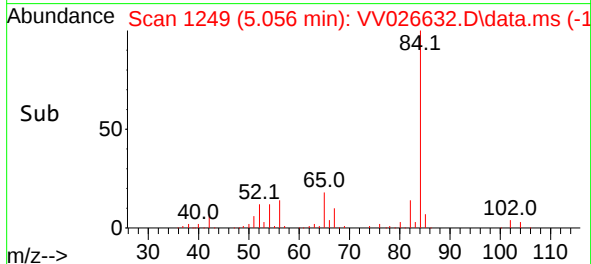
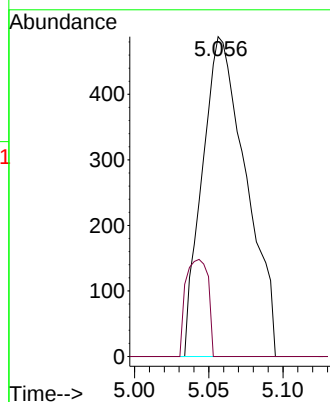
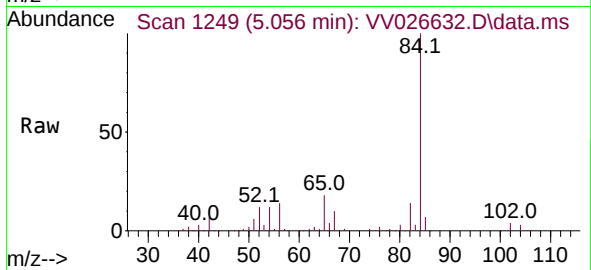




#27
1,2-Dichloroethane
Concen: 0.092 ug/L
RT: 5.056 min Scan# 11
Delta R.T. -0.080 min
Lab File: VV026632.D
Acq: 01 Jul 2022 16:41

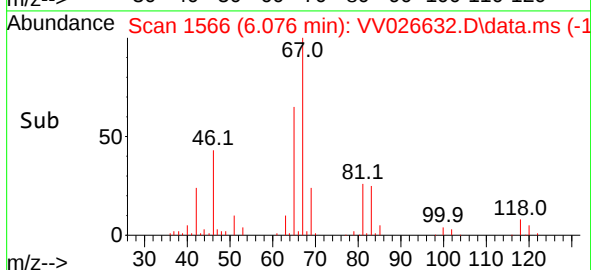
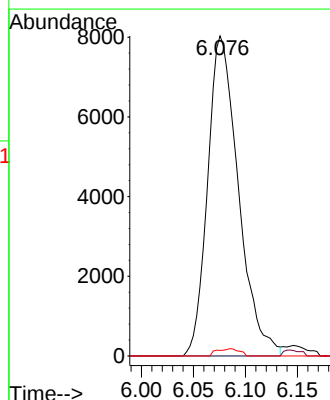
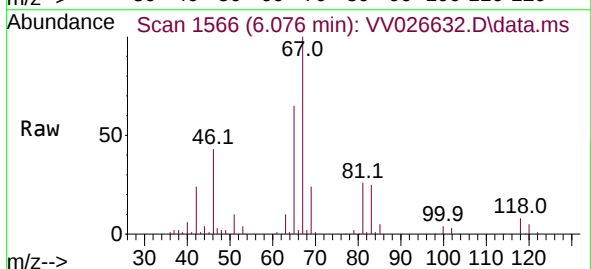
Instrument :
MSVOA_V
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C0AH3

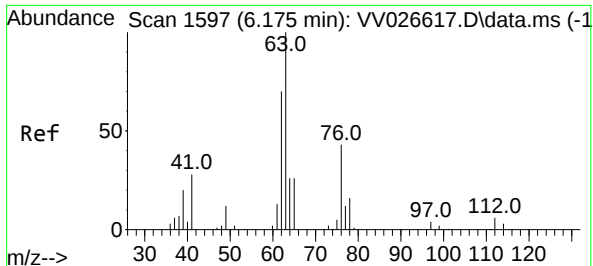
Tgt Ion: 62 Resp: 1003
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#



#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV026632.D
Acq: 01 Jul 2022 16:41

Tgt Ion: 83 Resp: 16521
Ion Ratio Lower Upper
83 100
55 1.0 57.0 85.4#
98 1.7 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.544 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV026632.D

Acq: 01 Jul 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

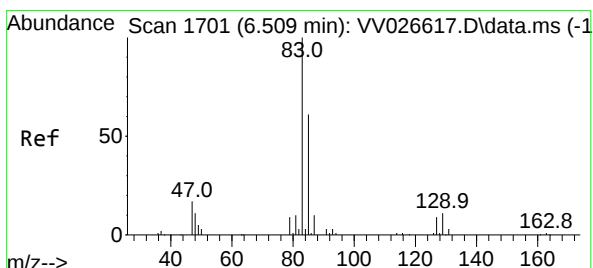
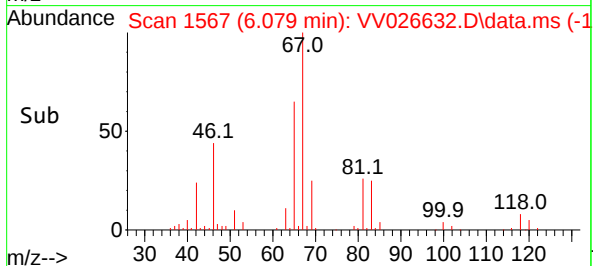
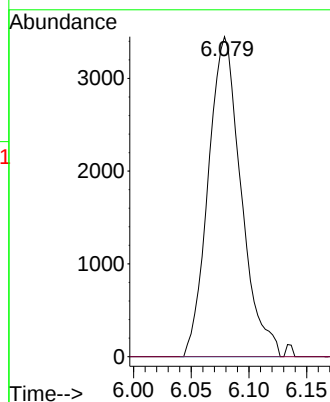
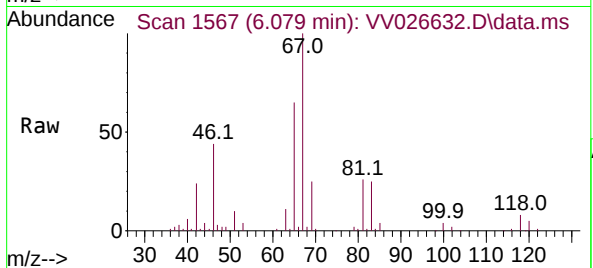
C0AH3

Tgt Ion: 63 Resp: 6830

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#38

Bromodichloromethane

Concen: 0.064 ug/L

RT: 6.526 min Scan# 1706

Delta R.T. 0.016 min

Lab File: VV026632.D

Acq: 01 Jul 2022 16:41

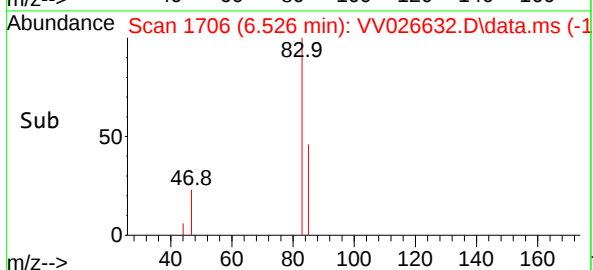
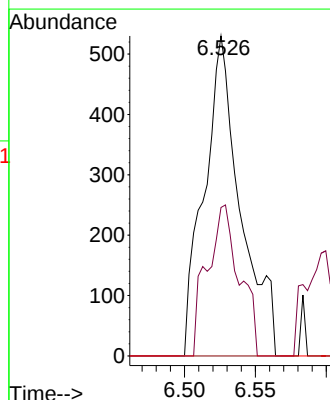
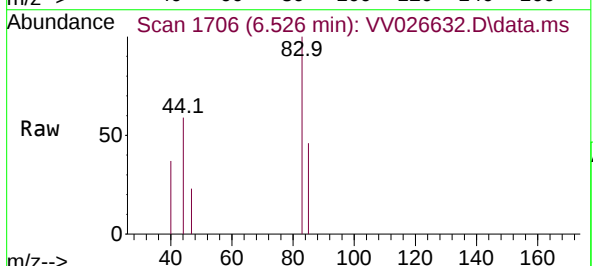
Tgt Ion: 83 Resp: 946

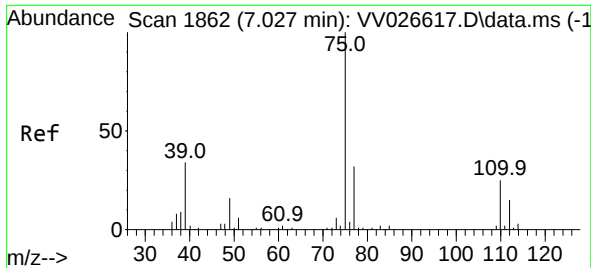
Ion Ratio Lower Upper

83 100

85 46.4 44.0 81.8

127 0.0 6.6 10.0#





#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV026632.D

Acq: 01 Jul 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

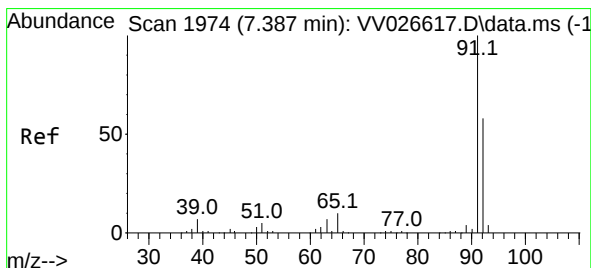
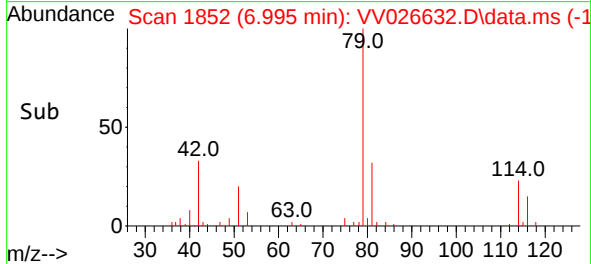
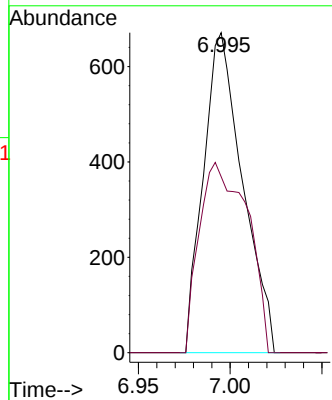
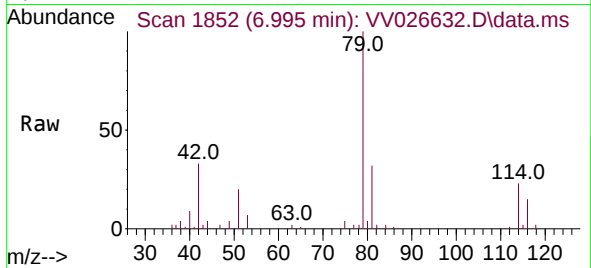
C0AH3

Tgt Ion: 75 Resp: 999

Ion Ratio Lower Upper

75 100

77 55.0 22.8 42.4#



#42

Toluene

Concen: 0.950 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.007 min

Lab File: VV026632.D

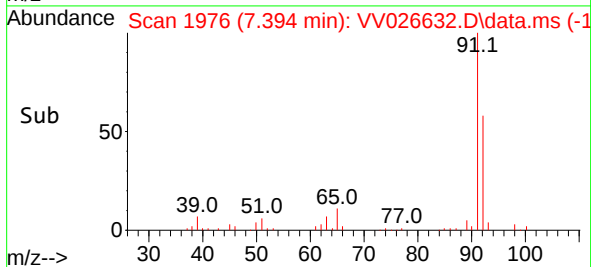
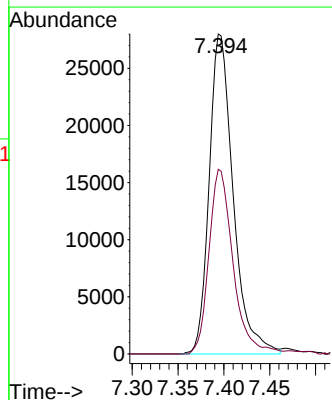
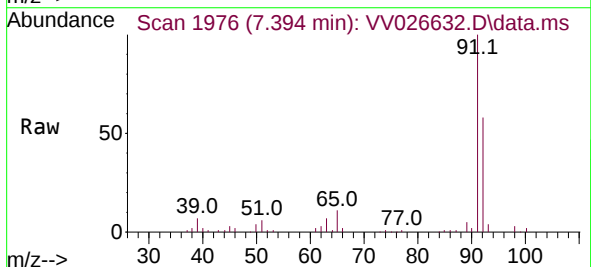
Acq: 01 Jul 2022 16:41

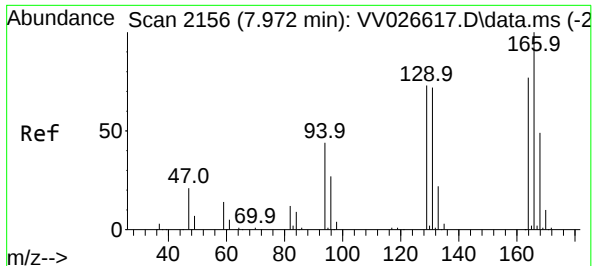
Tgt Ion: 91 Resp: 51036

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.9





#47

Tetrachloroethene

Concen: 0.529 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.007 min

Lab File: VV026632.D

Acq: 01 Jul 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

C0AH3

Tgt Ion:164 Resp: 5768

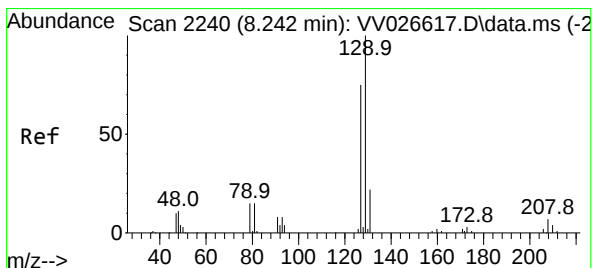
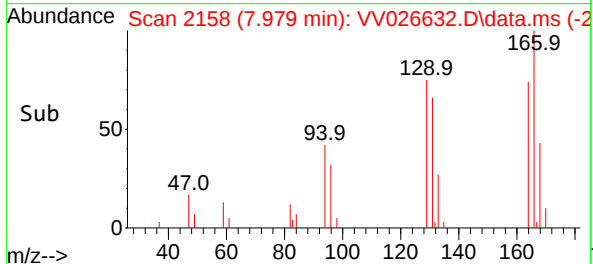
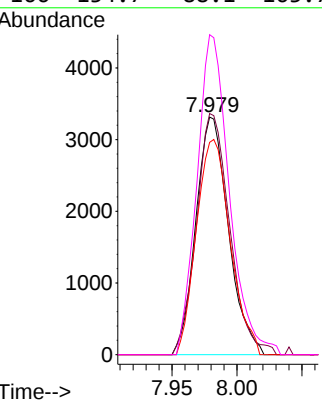
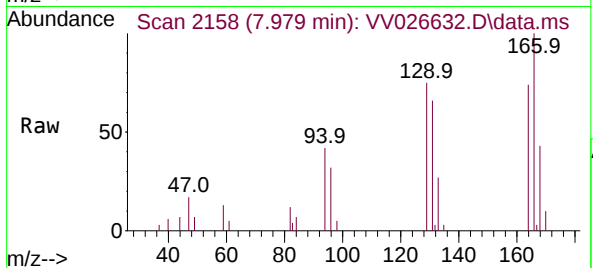
Ion Ratio Lower Upper

164 100

129 101.5 66.4 123.2

131 89.4 64.4 119.6

166 134.7 88.1 163.7



#49

Dibromochloromethane

Concen: 0.149 ug/L

RT: 8.252 min Scan# 2243

Delta R.T. 0.010 min

Lab File: VV026632.D

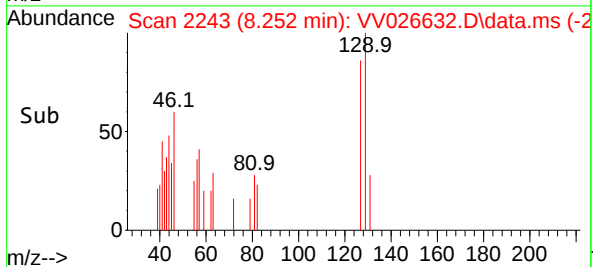
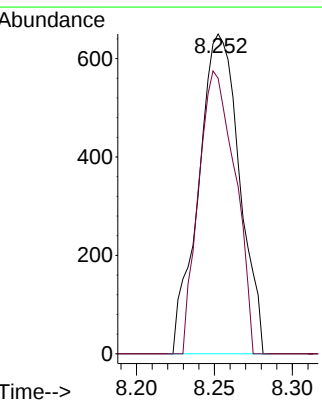
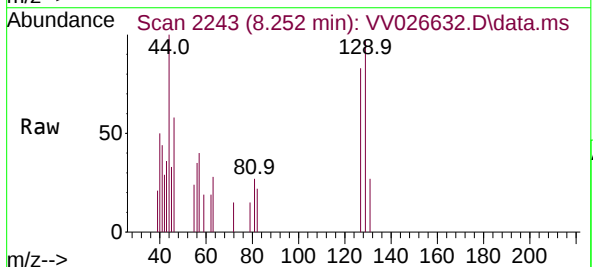
Acq: 01 Jul 2022 16:41

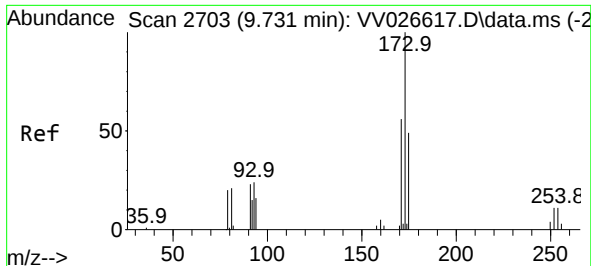
Tgt Ion:129 Resp: 1192

Ion Ratio Lower Upper

129 100

127 86.2 54.2 100.6

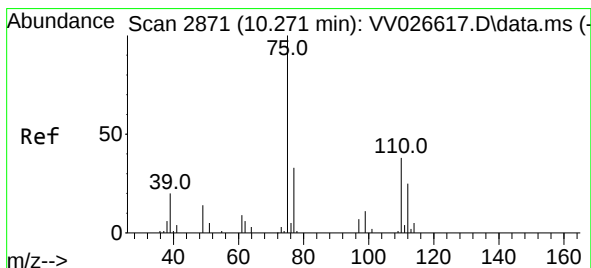
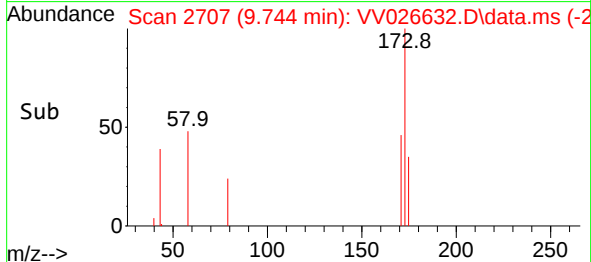
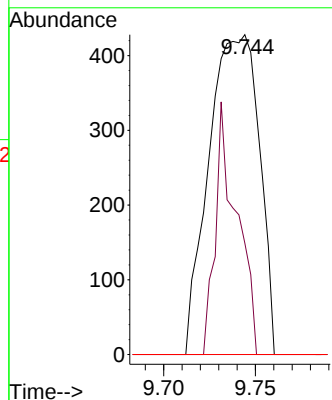
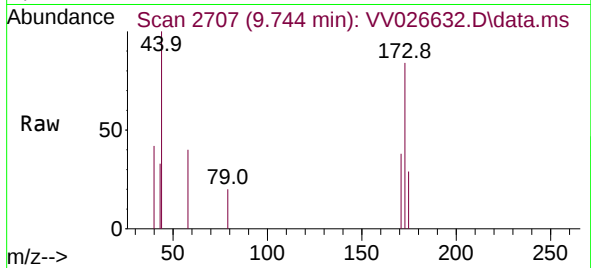




#59
Bromoform
Concen: 0.294 ug/L
RT: 9.744 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV026632.D
Acq: 01 Jul 2022 16:41

Instrument :
MSVOA_V
ClientSampleId :
C0AH3

Tgt Ion:173 Resp: 816
Ion Ratio Lower Upper
173 100
175 33.5 37.9 56.9#
254 0.0 6.3 9.5#



#61
1,2,3-Trichloropropane
Concen: 1.726 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV026632.D
Acq: 01 Jul 2022 16:41

Tgt Ion: 75 Resp: 8421
Ion Ratio Lower Upper
75 100
77 29.8 25.8 38.6
110 1.3 32.5 48.7#

