

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072524\
 Data File : VW029731.D
 Acq On : 25 Jul 2024 13:35
 Operator : SY/MD
 Sample : P3344-03
 Misc : 5.18g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB19

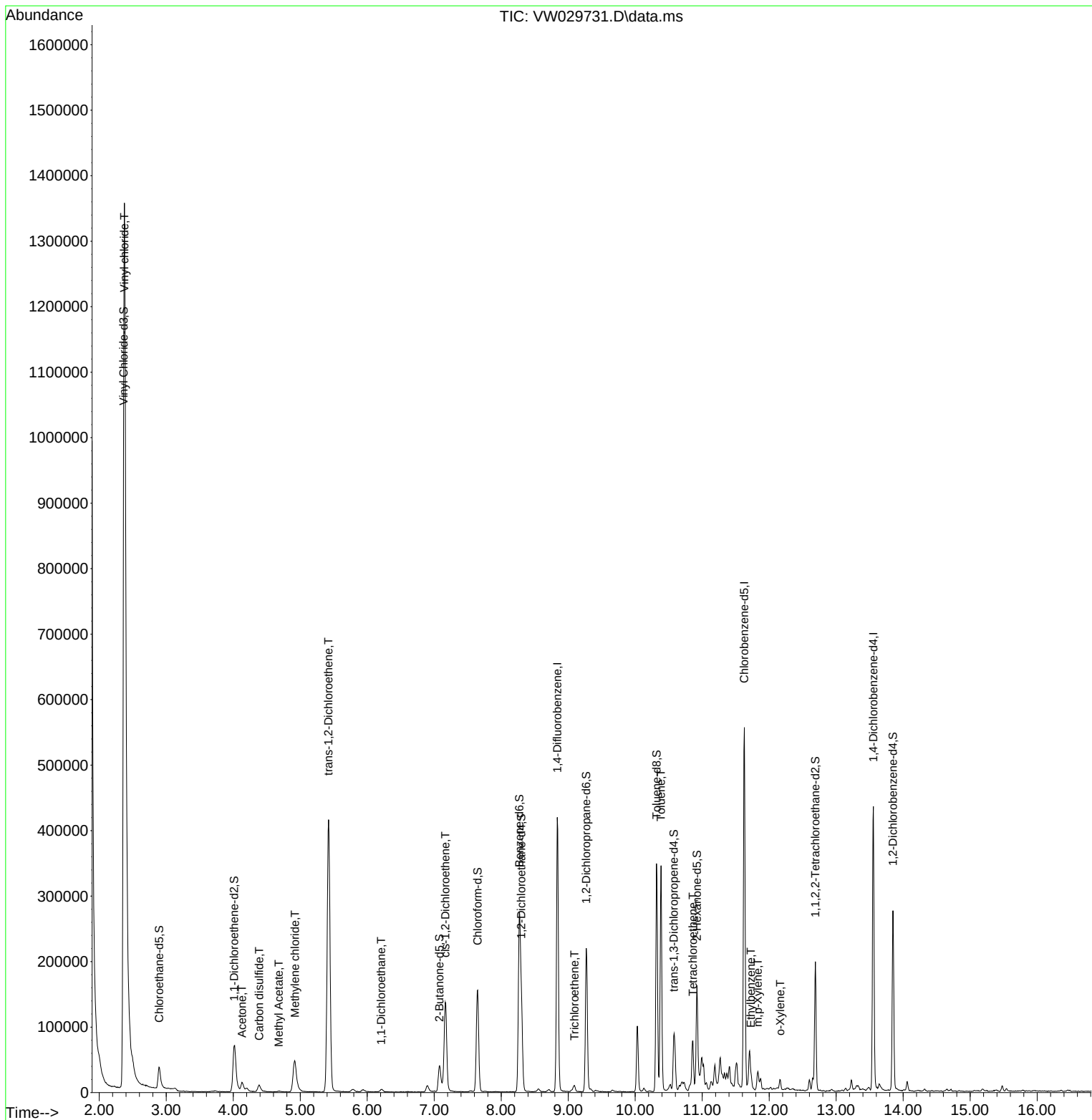
Quant Time: Jul 26 01:28:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:35:38 2024
 Response via : Initial Calibration

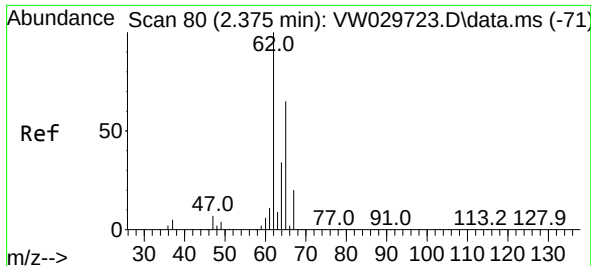
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	318657	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	283044	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	101774	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	71274	15.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.040%
7) Chloroethane-d5	2.893	69	49603	15.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.440%
11) 1,1-Dichloroethene-d2	4.015	65	28701	13.898	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.600%
21) 2-Butanone-d5	7.075	46	70325	56.717	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.440%
24) Chloroform-d	7.648	84	156279	18.945	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.800%
26) 1,2-Dichloroethane-d4	8.301	65	97939	20.845	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.360%
32) Benzene-d6	8.270	84	268344	17.546	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.200%
36) 1,2-Dichloropropane-d6	9.270	67	99188	20.312	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.240%
41) Toluene-d8	10.319	98	212896	15.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.640%
43) trans-1,3-Dichloroprop...	10.575	79	35333	17.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.520%
47) 2-Hexanone-d5	10.922	63	52046	64.637	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92799	25.593	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	64564	20.431	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.720%
Target Compounds						Qvalue
5) Vinyl chloride	2.375	62	2463660	413.677	ug/L	100
13) Acetone	4.131	43	24580	15.952	ug/L	99
14) Carbon disulfide	4.387	76	22563	1.557	ug/L	99
15) Methyl Acetate	4.679	43	1995	0.777	ug/L	98
16) Methylene chloride	4.923	84	40892	6.138	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	239085	50.965	ug/L	99
19) 1,1-Dichloroethane	6.210	63	5067	0.512	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	75647	14.866	ug/L	99
34) Trichloroethene	9.093	95	2876	0.566	ug/L	94
42) Toluene	10.386	91	232246	11.732	ug/L	96
46) Tetrachloroethene	10.861	164	14779	4.000	ug/L	90
52) Ethylbenzene	11.727	91	6135	0.275	ug/L	97
53) m,p-Xylene	11.830	106	7031	0.856	ug/L	98
54) o-Xylene	12.166	106	3712	0.491	ug/L	90

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

Quant Time: Jul 26 01:28:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 25 01:35:38 2024
Response via : Initial Calibration

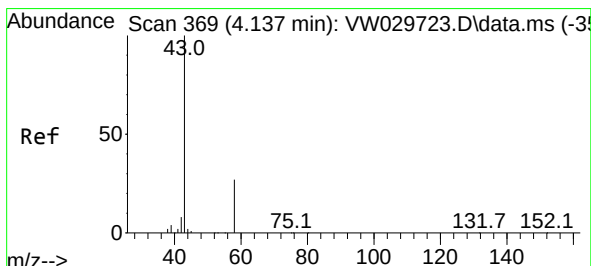
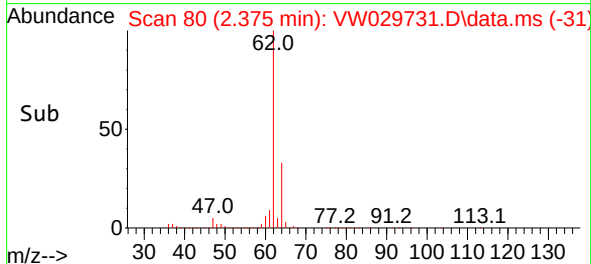
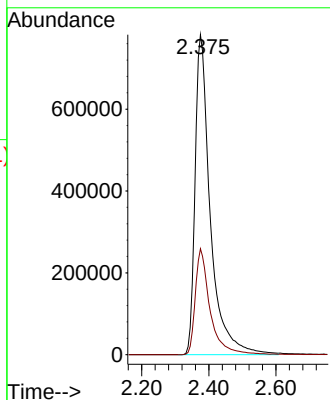
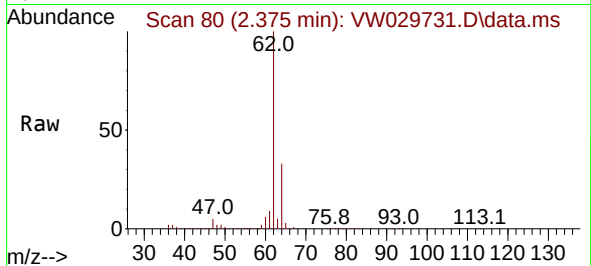




#5
 Vinyl chloride
 Concen: 413.677 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029731.D
 Acq: 25 Jul 2024 13:35

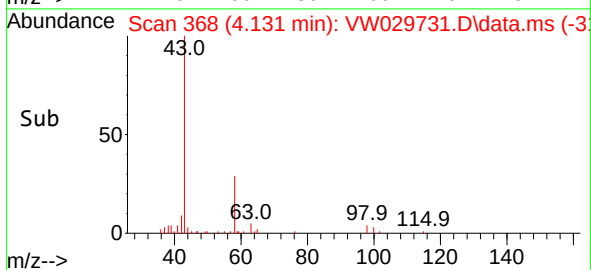
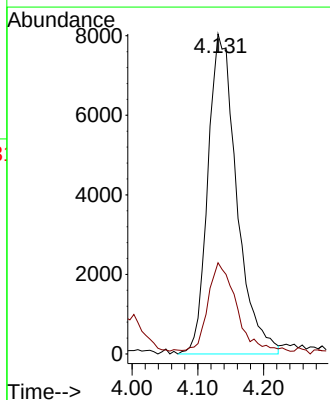
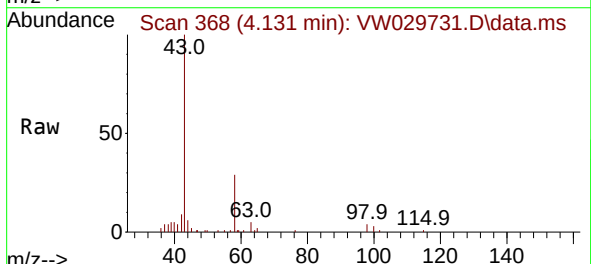
Instrument :
 MSVOA_W
 ClientSampleId :
 BHB19

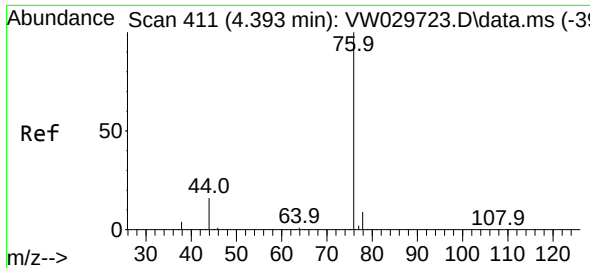
Tgt Ion: 62 Resp: 2463660
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.2



#13
 Acetone
 Concen: 15.952 ug/L
 RT: 4.131 min Scan# 368
 Delta R.T. 0.006 min
 Lab File: VW029731.D
 Acq: 25 Jul 2024 13:35

Tgt Ion: 43 Resp: 24580
 Ion Ratio Lower Upper
 43 100
 58 29.3 0.0 57.6

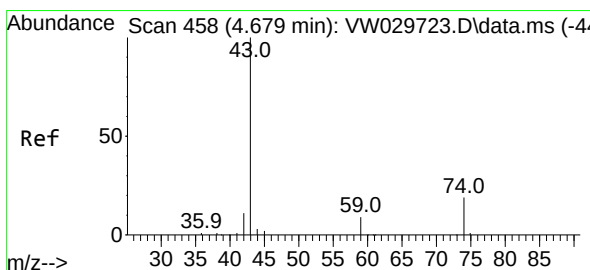
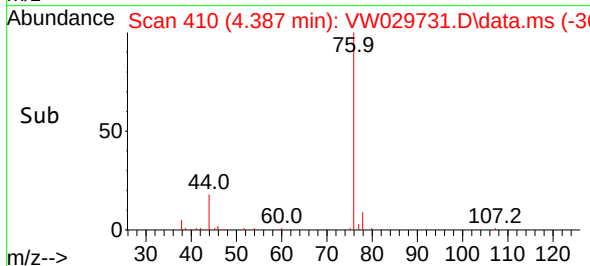
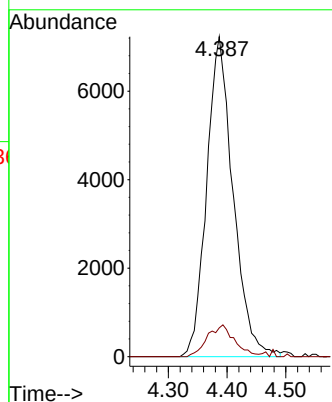
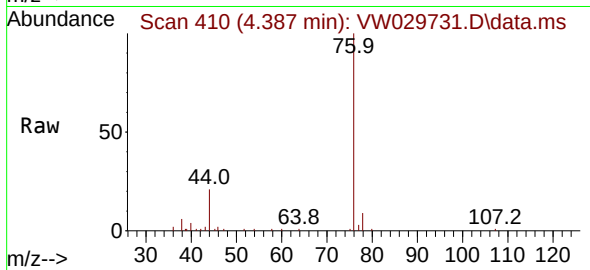




#14
Carbon disulfide
Concen: 1.557 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW029731.D
Acq: 25 Jul 2024 13:35

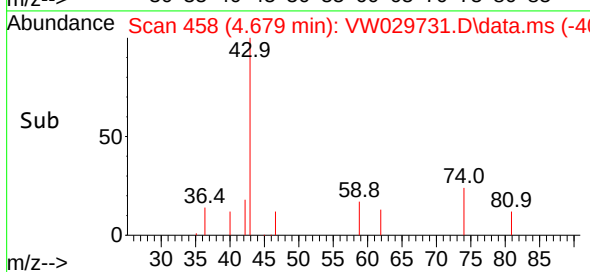
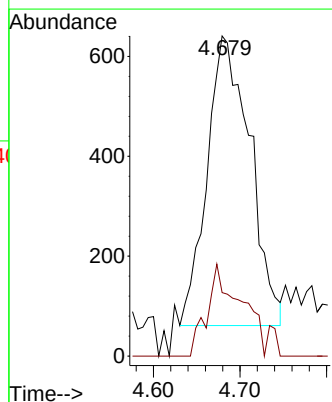
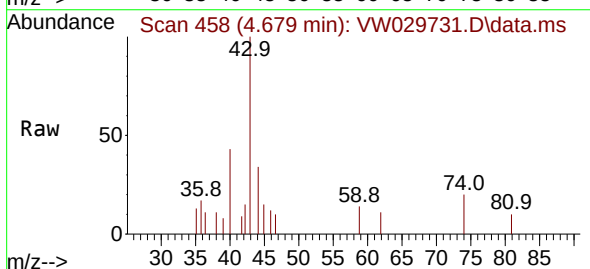
Instrument :
MSVOA_W
ClientSampleId :
BHB19

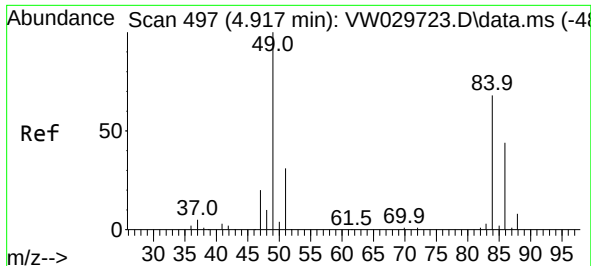
Tgt Ion: 76 Resp: 22563
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#15
Methyl Acetate
Concen: 0.777 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.006 min
Lab File: VW029731.D
Acq: 25 Jul 2024 13:35

Tgt Ion: 43 Resp: 1995
Ion Ratio Lower Upper
43 100
74 21.5 16.5 24.7



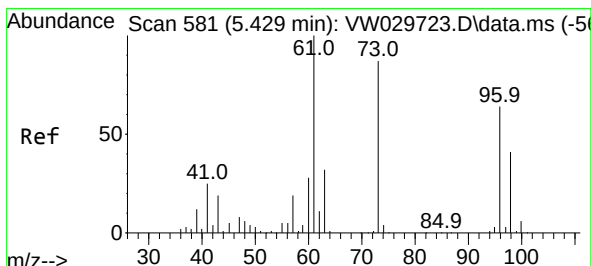
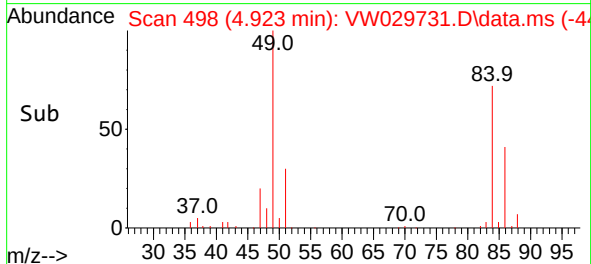
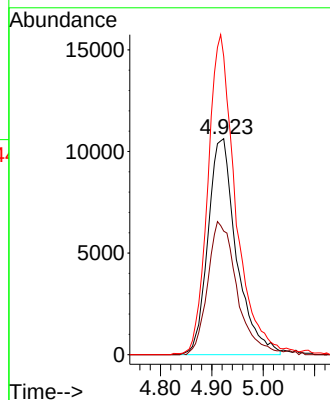
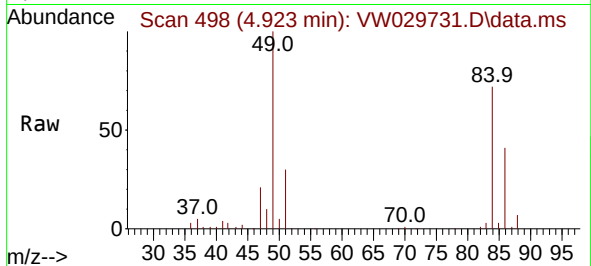


#16
Methylene chloride
Concen: 6.138 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW029731.D
Acq: 25 Jul 2024 13:35

Instrument :
MSVOA_W
ClientSampleId :
BHB19

Tgt Ion: 84 Resp: 40892

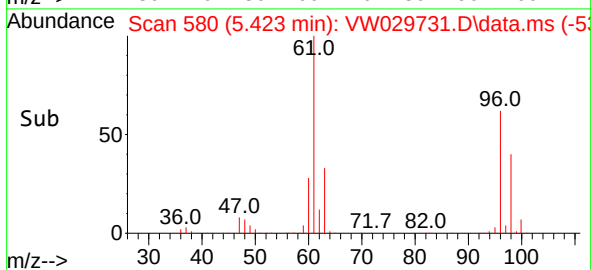
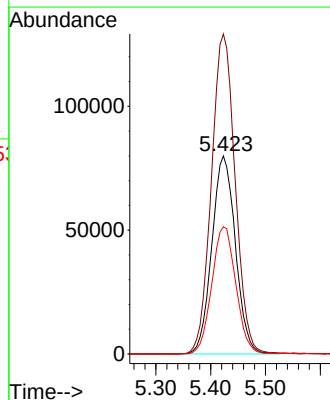
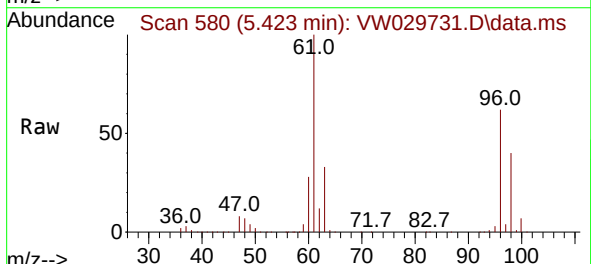
Ion	Ratio	Lower	Upper
84	100		
86	57.2	44.7	82.9
49	138.1	99.0	184.0

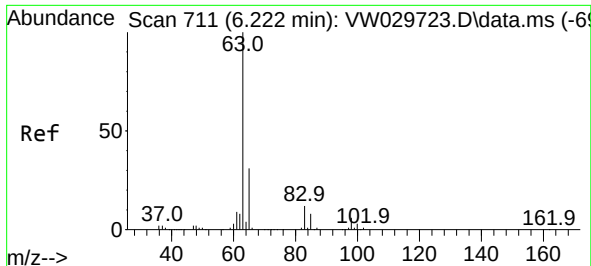


#17
trans-1,2-Dichloroethene
Concen: 50.965 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029731.D
Acq: 25 Jul 2024 13:35

Tgt Ion: 96 Resp: 239085

Ion	Ratio	Lower	Upper
96	100		
61	161.6	111.2	206.6
98	64.2	45.0	83.6





#19

1,1-Dichloroethane

Concen: 0.512 ug/L

RT: 6.210 min Scan# 709

Delta R.T. -0.006 min

Lab File: VW029731.D

Acq: 25 Jul 2024 13:35

Instrument :

MSVOA_W

ClientSampleId :

BHB19

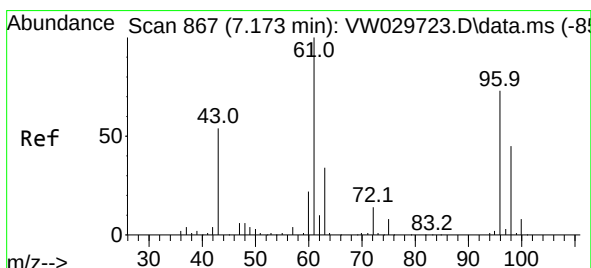
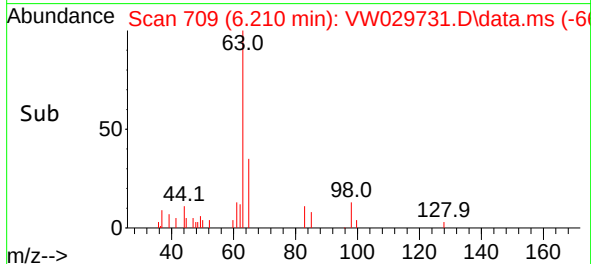
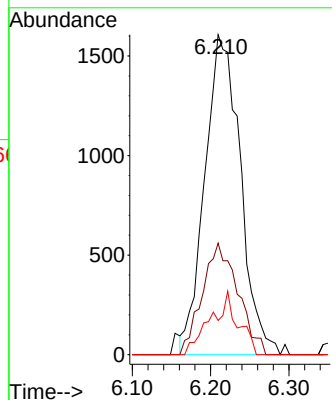
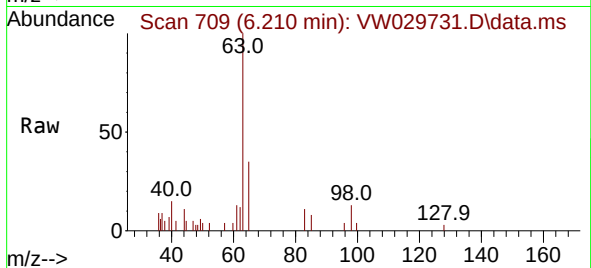
Tgt Ion: 63 Resp: 5067

Ion Ratio Lower Upper

63 100

65 34.8 22.3 41.3

83 10.7 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 14.866 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029731.D

Acq: 25 Jul 2024 13:35

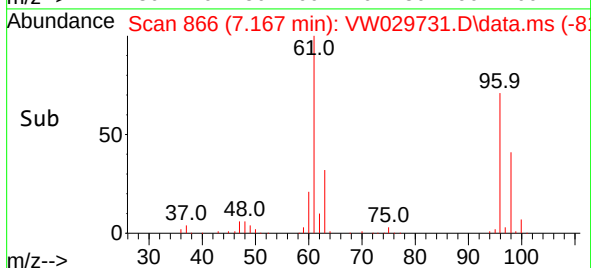
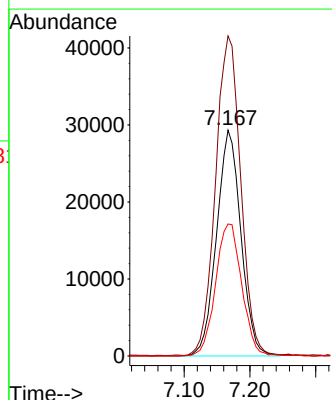
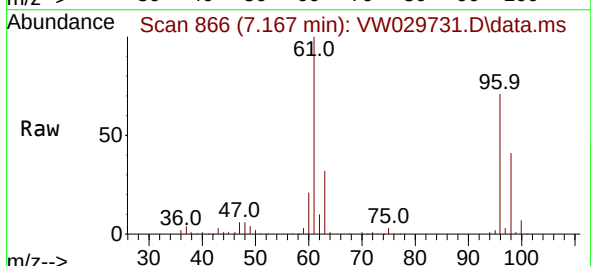
Tgt Ion: 96 Resp: 75647

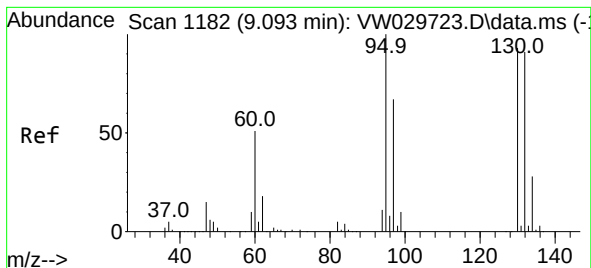
Ion Ratio Lower Upper

96 100

61 141.7 98.2 182.4

98 58.5 41.9 77.9





#34

Trichloroethene

Concen: 0.566 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029731.D

Acq: 25 Jul 2024 13:35

Instrument :

MSVOA_W

ClientSampleId :

BHB19

Tgt Ion: 95 Resp: 2876

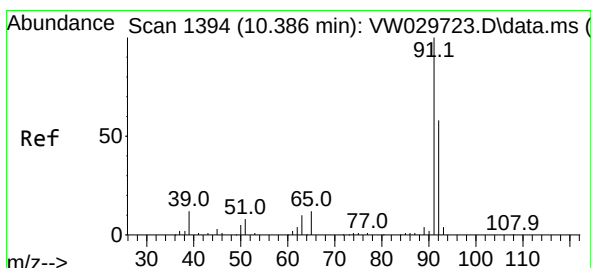
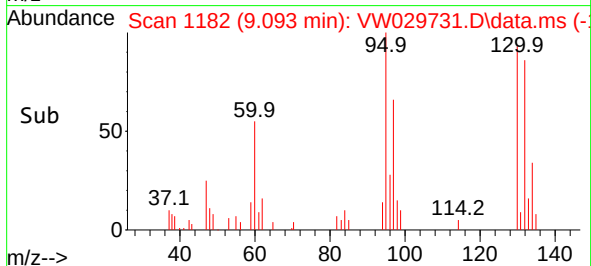
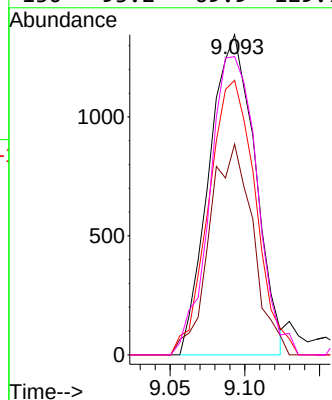
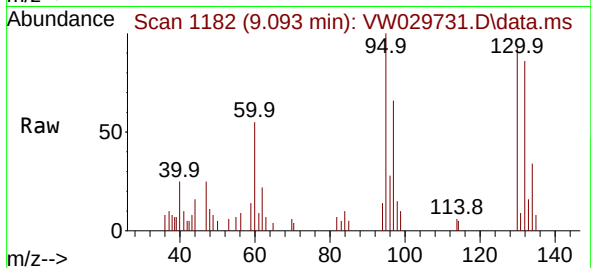
Ion Ratio Lower Upper

95 100

97 65.8 45.6 84.8

132 85.7 65.2 121.0

130 93.2 69.9 129.7



#42

Toluene

Concen: 11.732 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029731.D

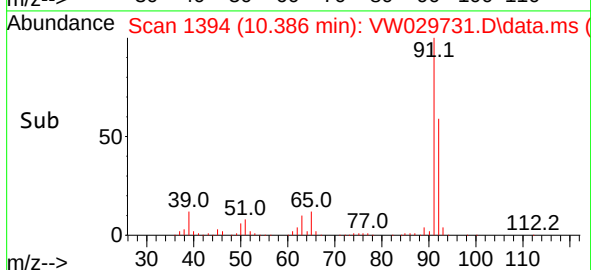
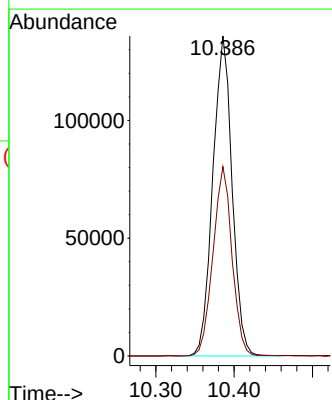
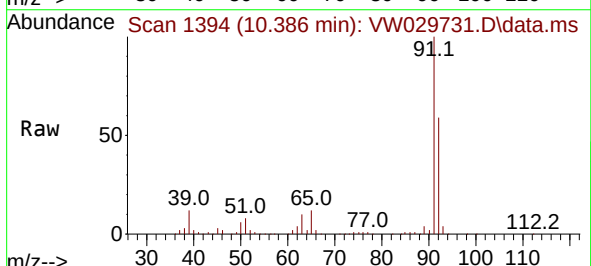
Acq: 25 Jul 2024 13:35

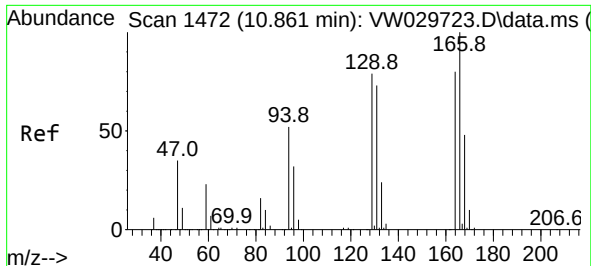
Tgt Ion: 91 Resp: 232246

Ion Ratio Lower Upper

91 100

92 59.2 39.5 73.4

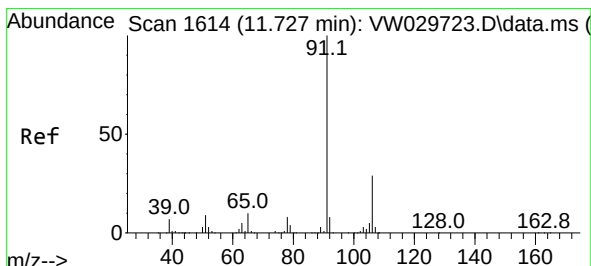
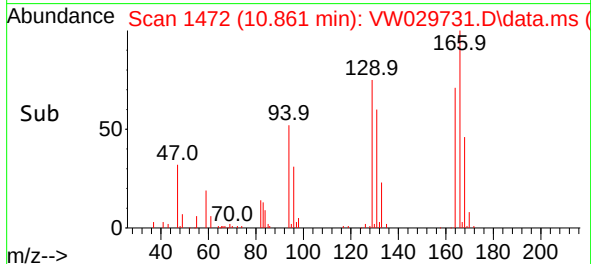
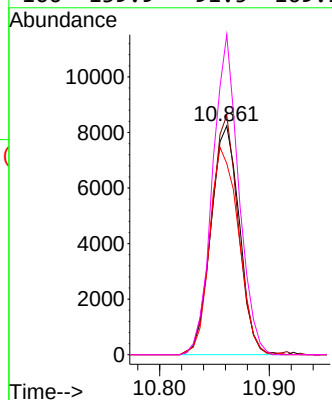
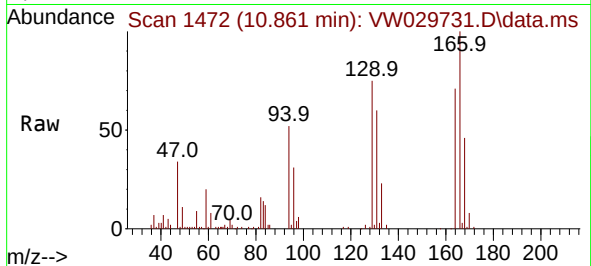




#46
Tetrachloroethene
Concen: 4.000 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029731.D
Acq: 25 Jul 2024 13:35

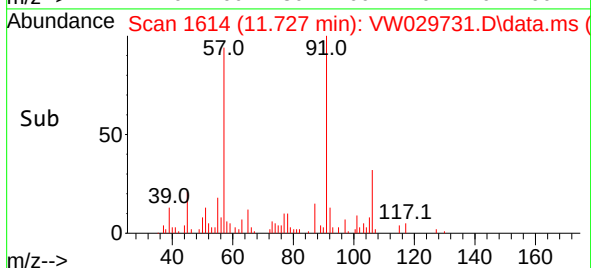
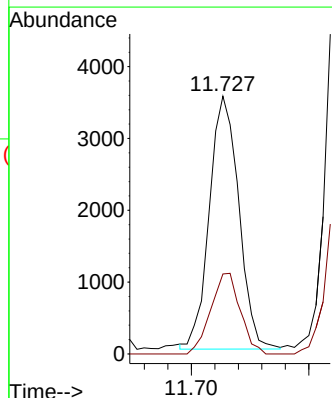
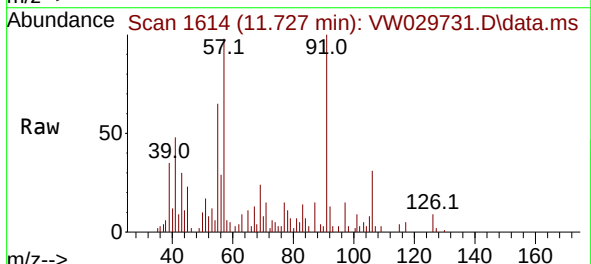
Instrument :
MSVOA_W
ClientSampleId :
BHB19

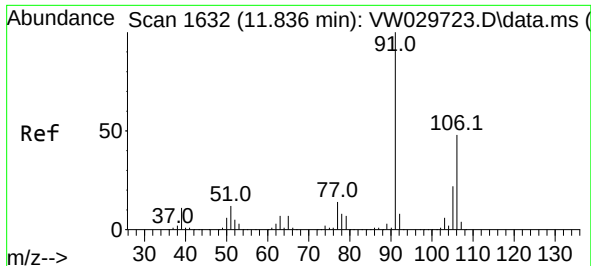
Tgt Ion:	164	Resp:	14779
Ion	Ratio	Lower	Upper
164	100		
129	104.6	77.8	144.6
131	83.5	70.9	131.7
166	139.9	91.5	169.9



#52
Ethylbenzene
Concen: 0.275 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029731.D
Acq: 25 Jul 2024 13:35

Tgt Ion:	91	Resp:	6135
Ion	Ratio	Lower	Upper
91	100		
106	31.0	20.4	38.0

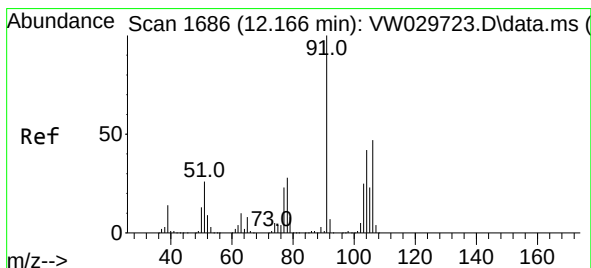
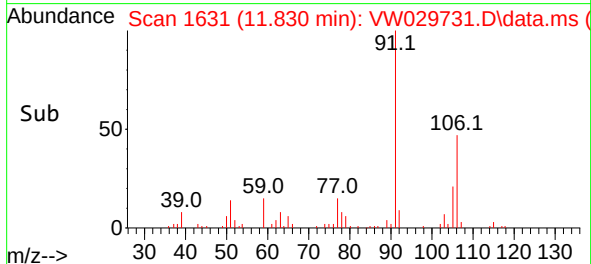
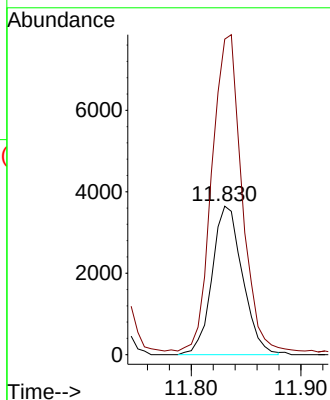
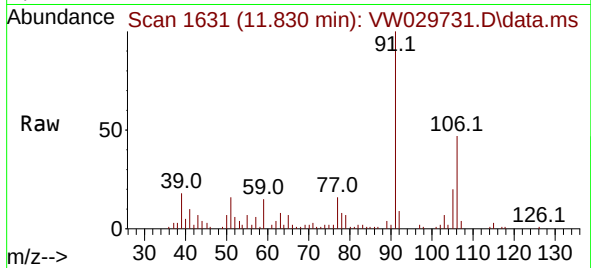




#53
m,p-Xylene
Concen: 0.856 ug/L
RT: 11.830 min Scan# 1632
Delta R.T. -0.006 min
Lab File: VW029731.D
Acq: 25 Jul 2024 13:35

Instrument :
MSVOA_W
ClientSampleId :
BHB19

Tgt Ion:106 Resp: 7031
Ion Ratio Lower Upper
106 100
91 212.5 151.4 281.2



#54
o-Xylene
Concen: 0.491 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW029731.D
Acq: 25 Jul 2024 13:35

Tgt Ion:106 Resp: 3712
Ion Ratio Lower Upper
106 100
91 206.7 155.8 289.4

