

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091522\
 Data File : VW027867.D
 Acq On : 15 Sep 2022 20:19
 Operator : SY/MD
 Sample : N4652-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ19

Quant Time: Sep 16 01:36:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 01:29:01 2022
 Response via : Initial Calibration

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

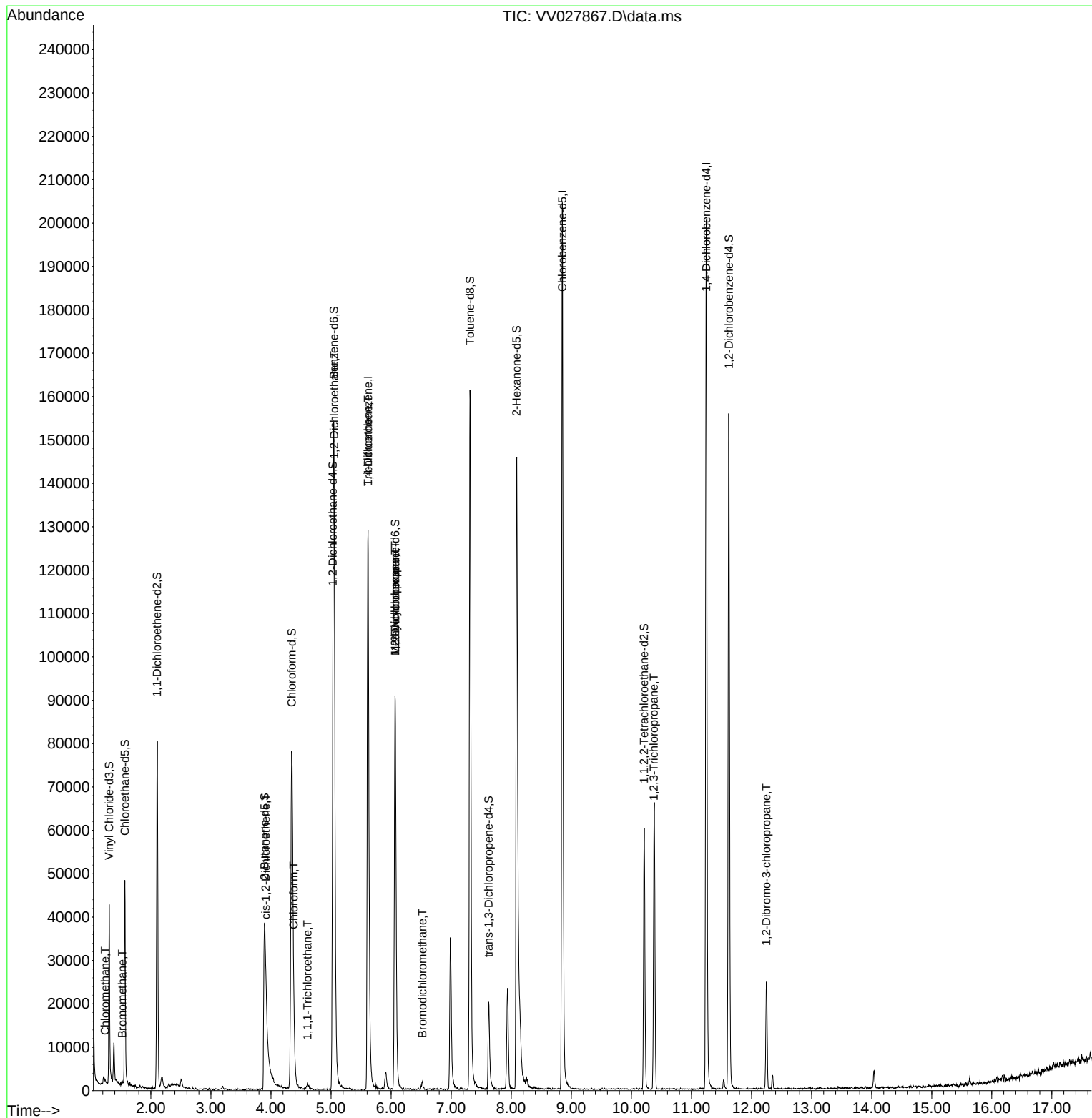
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	119496	5.000	ug/L	0.03
28) Chlorobenzene-d5	8.850	117	119350	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	56540	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27621	3.507	ug/L	0.01
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.200%	
7) Chloroethane-d5	1.568	69	30396	4.549	ug/L	0.01
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.000%	
11) 1,1-Dichloroethene-d2	2.105	63	41592	2.488	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.800%#	
20) 2-Butanone-d5	3.892	46	72145	41.329	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.660%	
24) Chloroform-d	4.346	84	79273	4.915	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.030	65	42035	4.894	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.047	84	142774	4.123	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.066	67	41259	4.070	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.400%	
41) Toluene-d8	7.313	98	113168	3.887	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.800%	
43) trans-1,3-Dichloroprop...	7.625	79	13647	4.013	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.088	63	53436	42.270	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.540%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	28250	4.340	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	44014	4.739	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	591	0.055	ug/L	96
6) Bromomethane	1.523	94	235	0.041	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	1347	0.148	ug/L #	80
25) Chloroform	4.378	83	13665	0.785	ug/L	99
27) 1,2-Dichloroethane	5.053	62	891	0.084	ug/L #	75
29) 1,1,1-Trichloroethane	4.609	97	820	0.045	ug/L #	58
34) Trichloroethene	5.616	95	3565	0.361	ug/L #	5
35) Methylcyclohexane	6.069	83	11486	0.758	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5165	0.552	ug/L #	85
38) Bromodichloromethane	6.519	83	1545	0.125	ug/L #	81
61) 1,2,3-Trichloropropane	10.374	75	406	0.091	ug/L #	54
68) 1,2-Dibromo-3-chloropr...	12.246	75	783	0.815	ug/L #	1

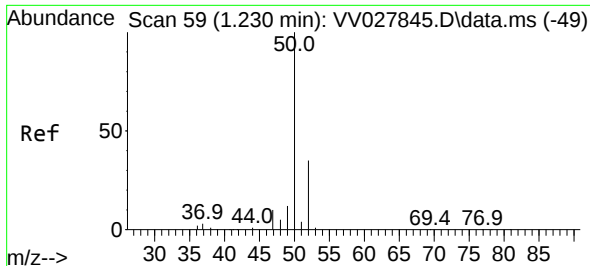
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091522\
Data File : VV027867.D
Acq On : 15 Sep 2022 20:19
Operator : SY/MD
Sample : N4652-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ19

Quant Time: Sep 16 01:36:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 16 01:29:01 2022
Response via : Initial Calibration

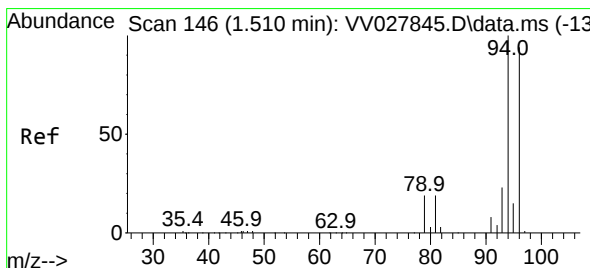
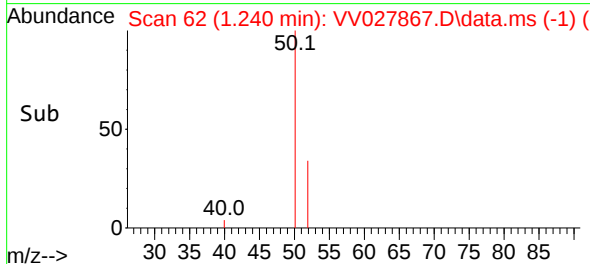
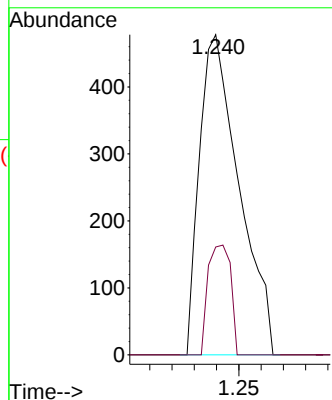
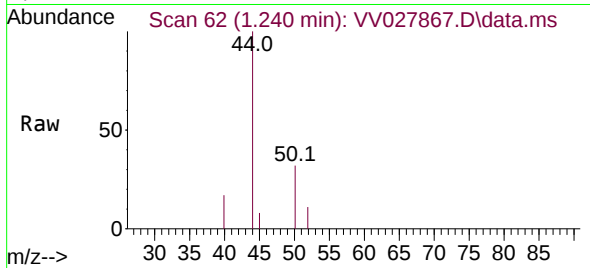




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027867.D
Acq: 15 Sep 2022 20:19

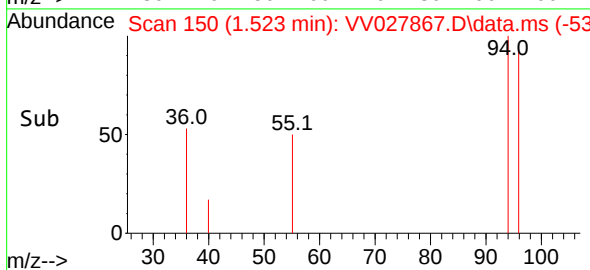
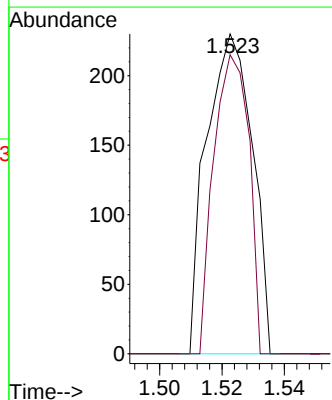
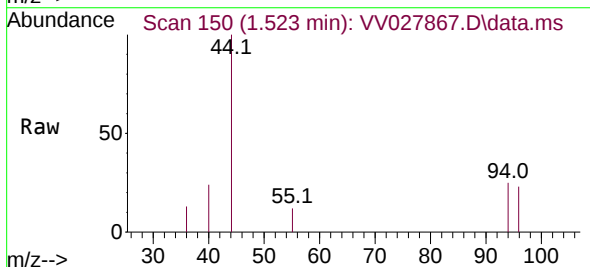
Instrument :
MSVOA_V
ClientSampleId :
EXZ19

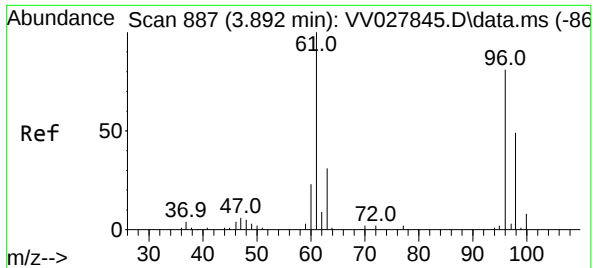
Tgt Ion: 50 Resp: 591
Ion Ratio Lower Upper
50 100
52 33.7 22.1 41.1



#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.013 min
Lab File: VV027867.D
Acq: 15 Sep 2022 20:19

Tgt Ion: 94 Resp: 235
Ion Ratio Lower Upper
94 100
96 93.5 64.2 119.2





#22

cis-1,2-Dichloroethene

Concen: 0.148 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.019 min

Lab File: VV027867.D

Acq: 15 Sep 2022 20:19

Instrument :

MSVOA_V

ClientSampleId :

EXZ19

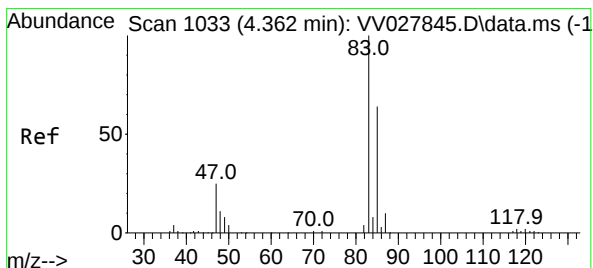
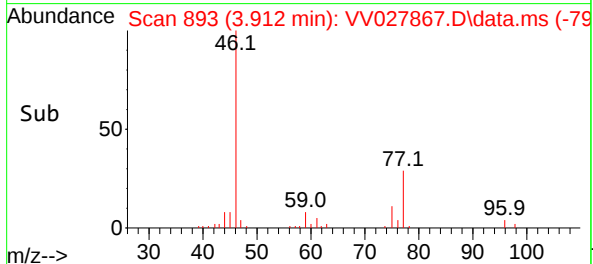
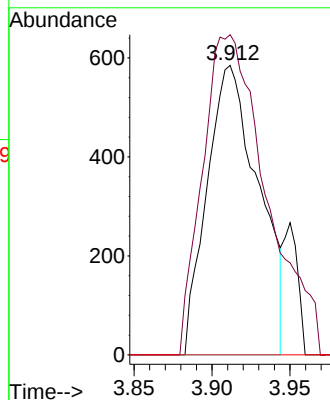
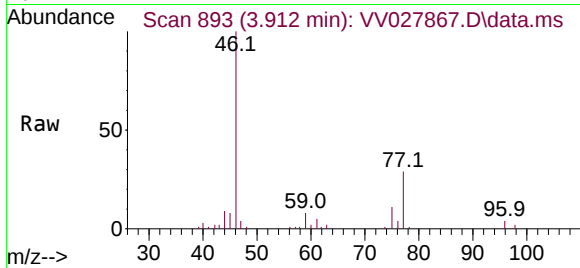
Tgt Ion: 96 Resp: 1347

Ion Ratio Lower Upper

96 100

61 110.6 94.6 175.6

68 0.0 0.3 0.5#



#25

Chloroform

Concen: 0.785 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.016 min

Lab File: VV027867.D

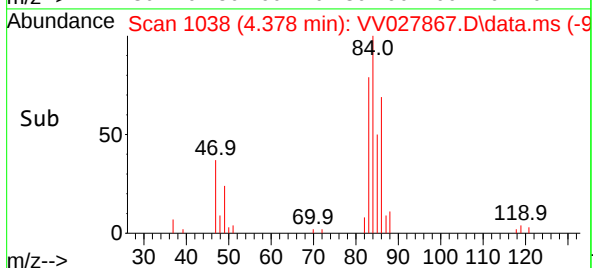
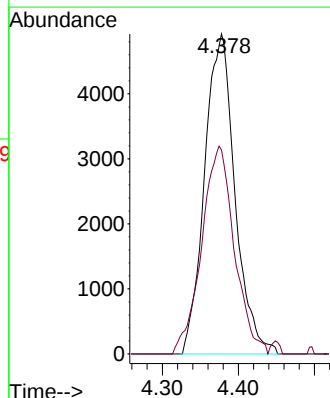
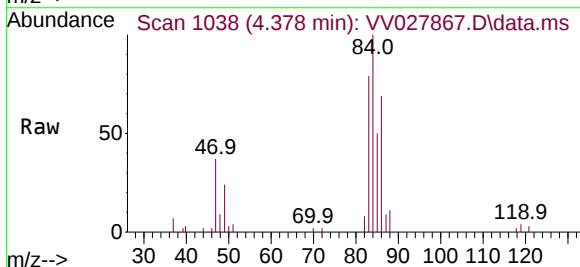
Acq: 15 Sep 2022 20:19

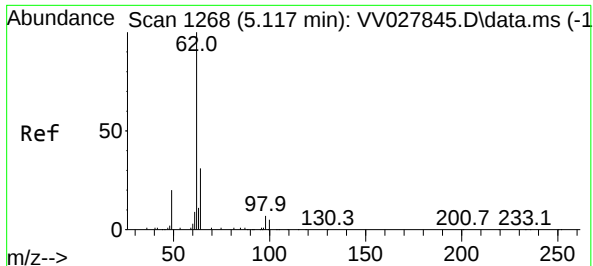
Tgt Ion: 83 Resp: 13665

Ion Ratio Lower Upper

83 100

85 63.7 45.4 84.2

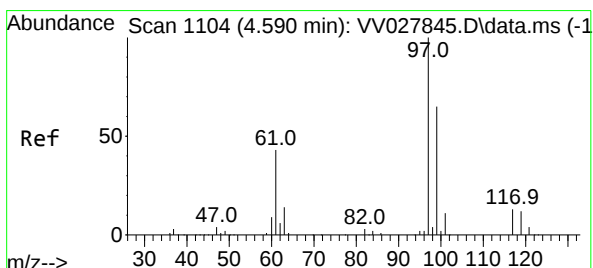
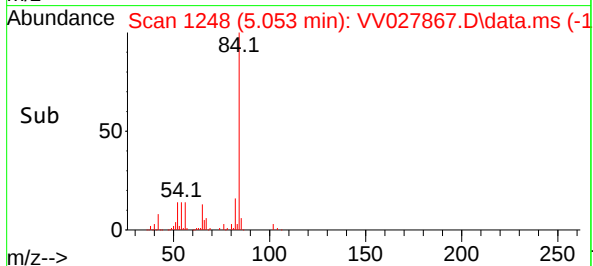
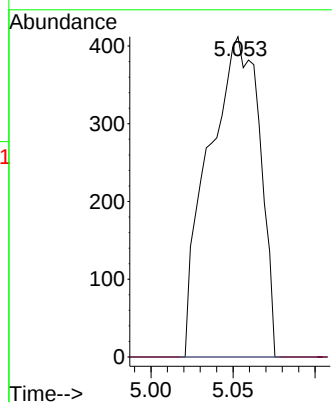
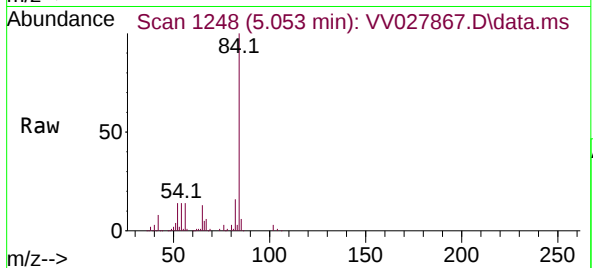




#27
1,2-Dichloroethane
Concen: 0.084 ug/L
RT: 5.053 min Scan# 1110
Delta R.T. -0.064 min
Lab File: VV027867.D
Acq: 15 Sep 2022 20:19

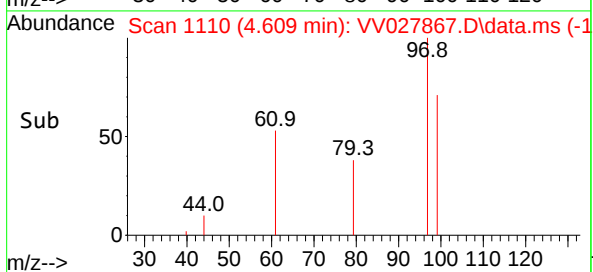
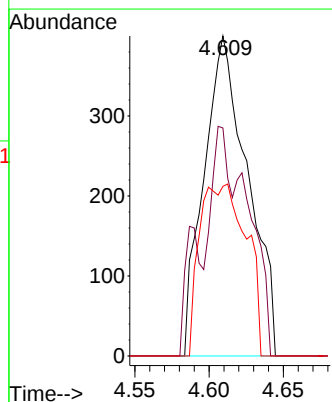
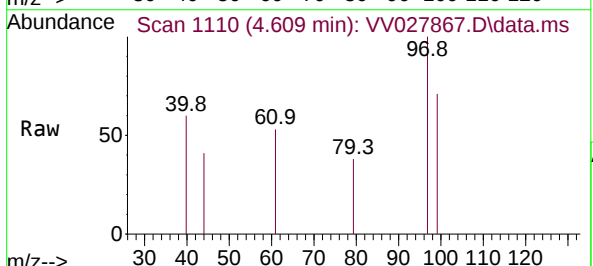
Instrument :
MSVOA_V
ClientSampleId :
EXZ19

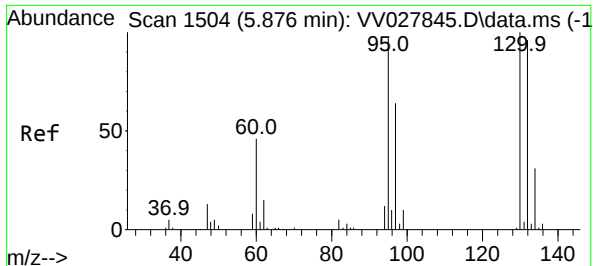
Tgt Ion: 62 Resp: 891
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



#29
1,1,1-Trichloroethane
Concen: 0.045 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.019 min
Lab File: VV027867.D
Acq: 15 Sep 2022 20:19

Tgt Ion: 97 Resp: 820
Ion Ratio Lower Upper
97 100
99 17.7 50.8 76.2#
61 57.3 36.2 54.4#





#34

Trichloroethene

Concen: 0.361 ug/L

RT: 5.616 min Scan# 1423

Delta R.T. -0.261 min

Lab File: VV027867.D

Acq: 15 Sep 2022 20:19

Instrument :

MSVOA_V

ClientSampleId :

EXZ19

Tgt Ion: 95 Resp: 3565

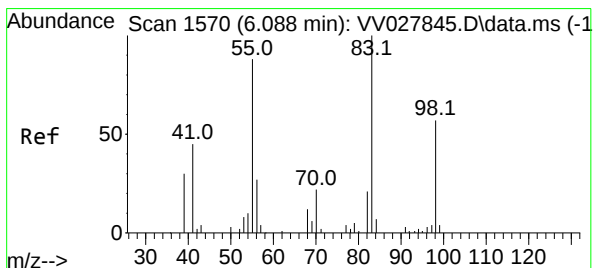
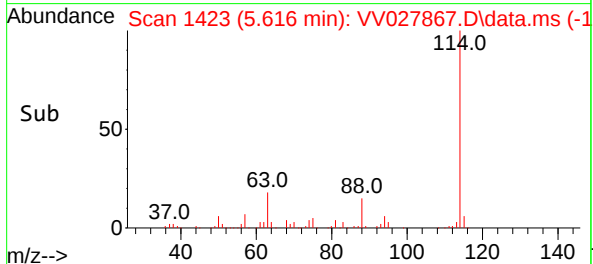
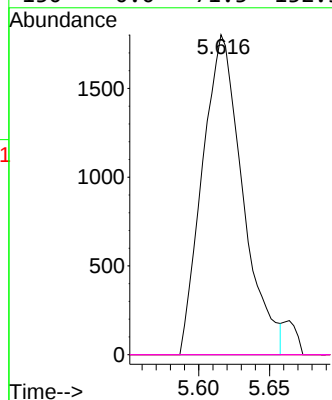
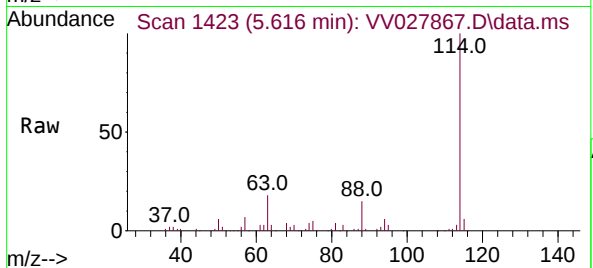
Ion Ratio Lower Upper

95 100

97 0.0 42.9 79.7#

132 0.0 67.9 126.1#

130 0.0 71.3 132.3#



#35

Methylcyclohexane

Concen: 0.758 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.019 min

Lab File: VV027867.D

Acq: 15 Sep 2022 20:19

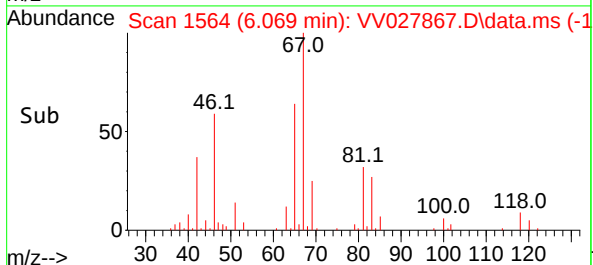
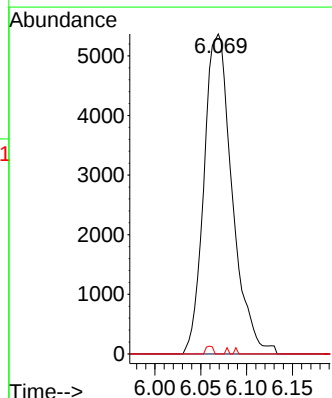
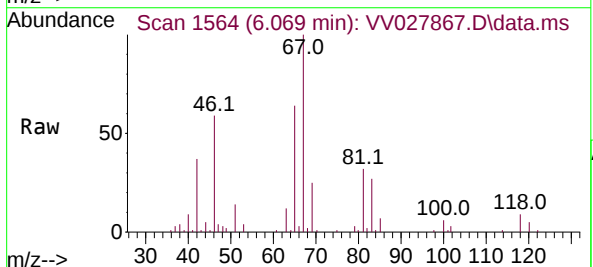
Tgt Ion: 83 Resp: 11486

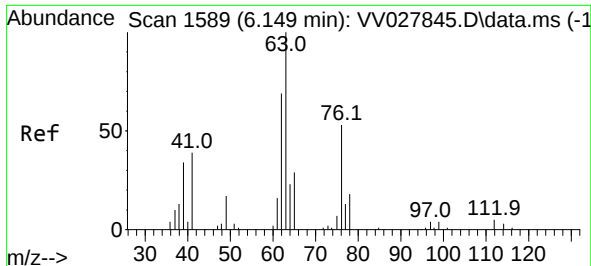
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.2 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.552 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV027867.D

Acq: 15 Sep 2022 20:19

Instrument :

MSVOA_V

ClientSampleId :

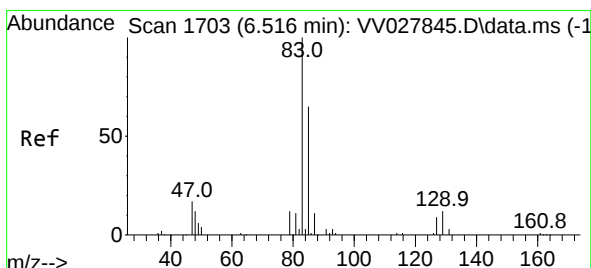
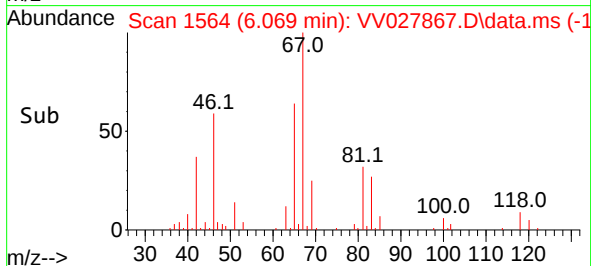
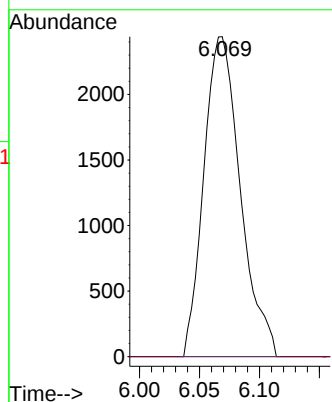
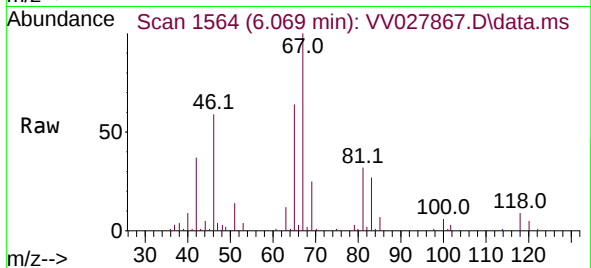
EXZ19

Tgt Ion: 63 Resp: 5165

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#38

Bromodichloromethane

Concen: 0.125 ug/L

RT: 6.519 min Scan# 1704

Delta R.T. 0.003 min

Lab File: VV027867.D

Acq: 15 Sep 2022 20:19

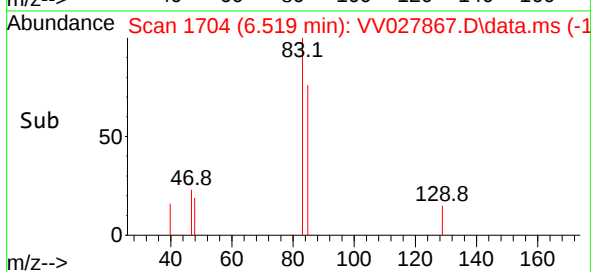
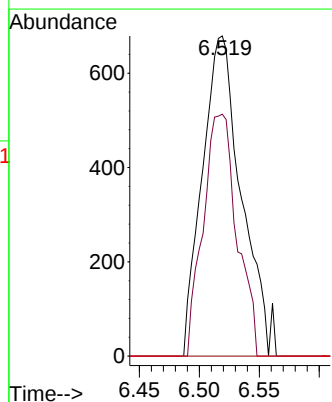
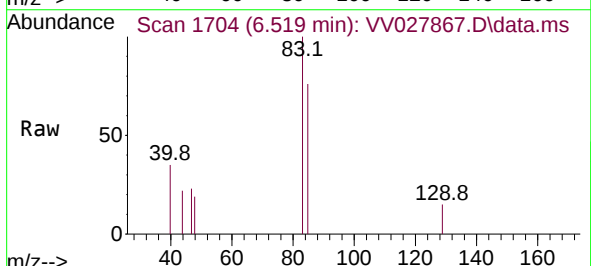
Tgt Ion: 83 Resp: 1545

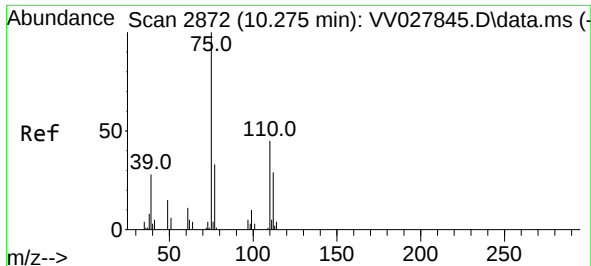
Ion Ratio Lower Upper

83 100

85 75.6 43.3 80.3

127 0.0 7.1 10.7#

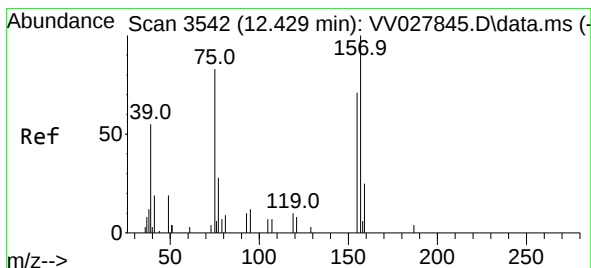
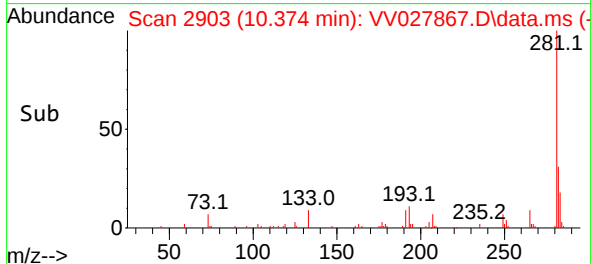
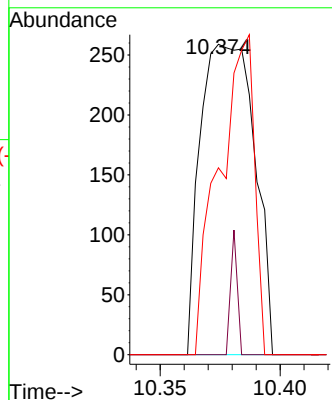
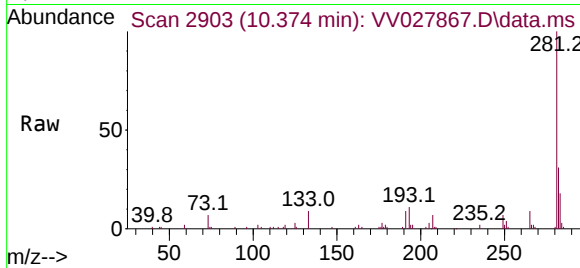




#61
 1,2,3-Trichloropropane
 Concen: 0.091 ug/L
 RT: 10.374 min Scan# 2903
 Delta R.T. 0.100 min
 Lab File: VV027867.D
 Acq: 15 Sep 2022 20:19

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ19

Tgt Ion: 75 Resp: 406
 Ion Ratio Lower Upper
 75 100
 77 0.0 27.6 41.4#
 110 67.5 35.6 53.4#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.815 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.183 min
 Lab File: VV027867.D
 Acq: 15 Sep 2022 20:19

Tgt Ion: 75 Resp: 783
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.9 107.9#
 157 0.0 95.1 142.7#

