

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091522\
 Data File : VV027866.D
 Acq On : 15 Sep 2022 19:54
 Operator : SY/MD
 Sample : N4652-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ16

Quant Time: Sep 16 01:36:02 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)

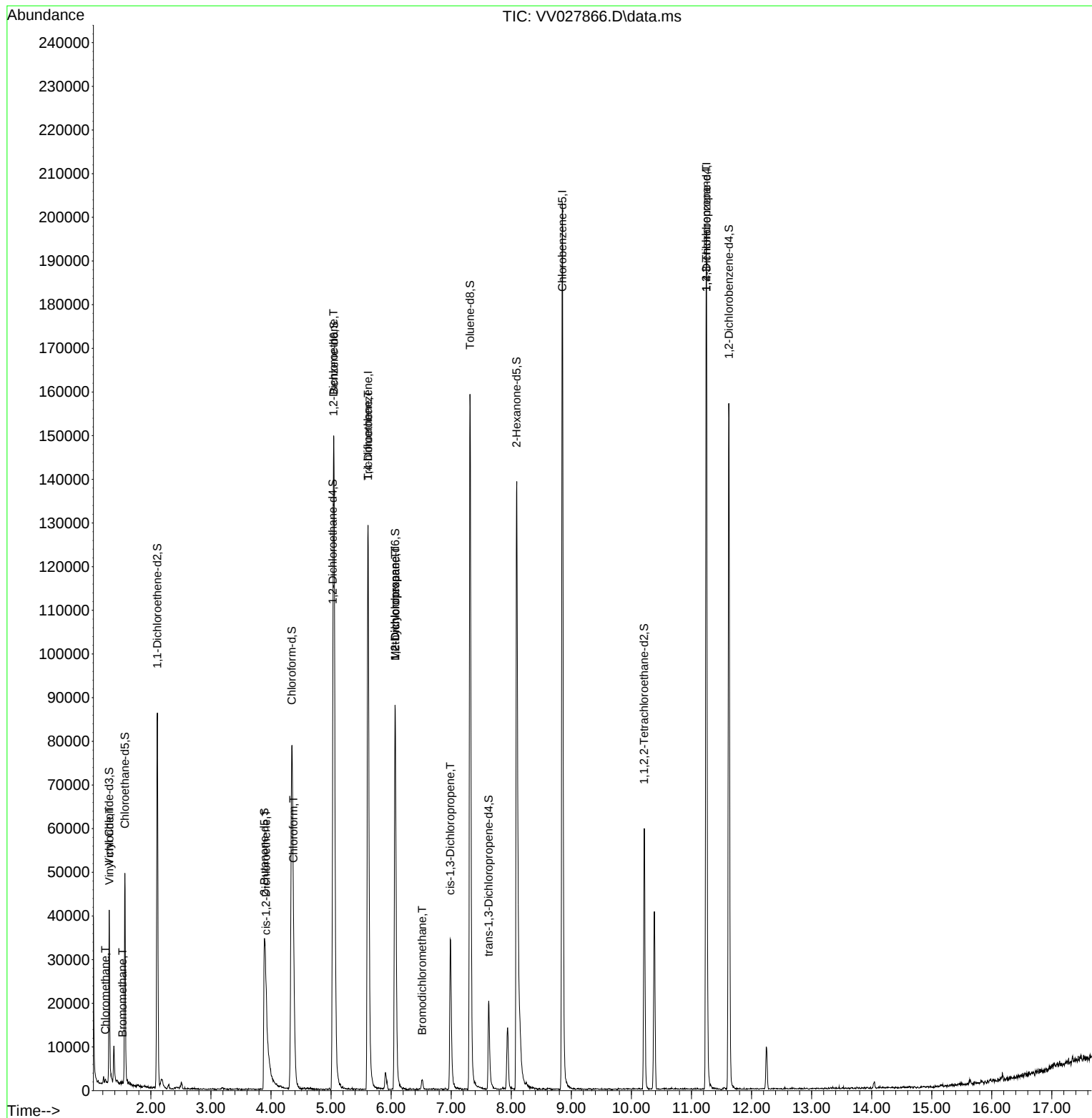
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	118713	5.000	ug/L	# 0.03
28) Chlorobenzene-d5	8.850	117	117238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58085	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27262	3.484	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.568	69	31427	4.734	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.108	63	44899	2.704	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.000%#
20) 2-Butanone-d5	3.889	46	71846	41.429	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.860%
24) Chloroform-d	4.346	84	79700	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.030	65	39915	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.047	84	140020	4.117	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.066	67	39175	3.934	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.313	98	114655	4.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.625	79	12881	3.856	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.088	63	50038	40.295	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	26847	4.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	44523	4.666	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	859	0.081	ug/L	87
5) Vinyl chloride	1.310	62	441	0.041	ug/L #	1
6) Bromomethane	1.526	94	242	0.042	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	546	0.060	ug/L #	86
25) Chloroform	4.375	83	22946	1.326	ug/L	100
27) 1,2-Dichloroethane	5.040	62	826	0.079	ug/L #	75
34) Trichloroethene	5.616	95	3557	0.367	ug/L #	5
35) Methylcyclohexane	6.066	83	10765	0.723	ug/L #	23
37) 1,2-Dichloropropane	6.066	63	5284	0.575	ug/L #	85
38) Bromodichloromethane	6.516	83	2005	0.165	ug/L #	93
39) cis-1,3-Dichloropropene	6.985	75	886	0.076	ug/L #	53
61) 1,2,3-Trichloropropane	11.246	75	5729	1.245	ug/L #	61

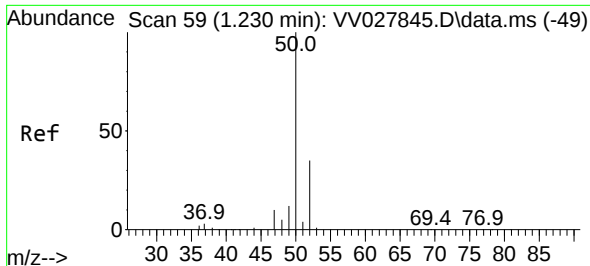
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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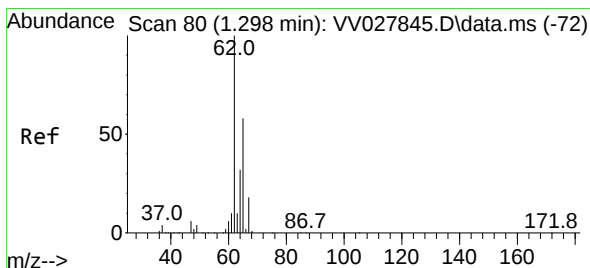
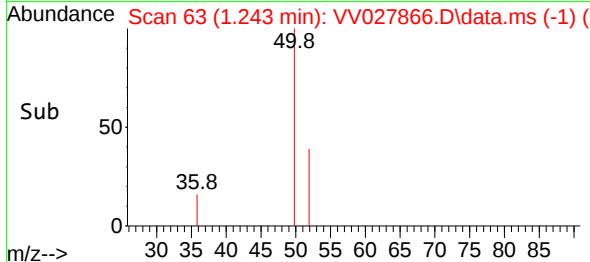
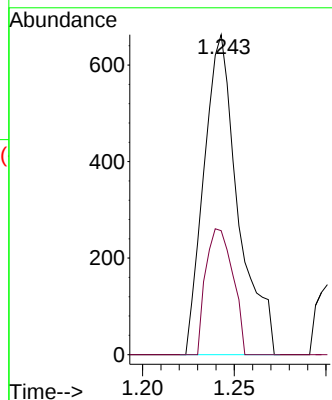
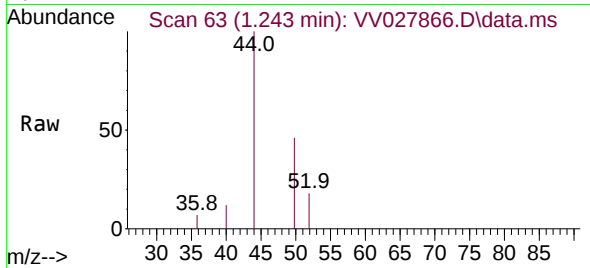




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.013 min
Lab File: VV027866.D
Acq: 15 Sep 2022 19:54

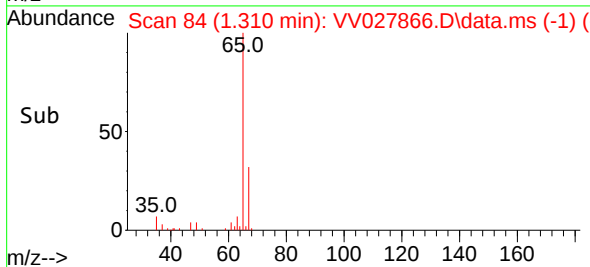
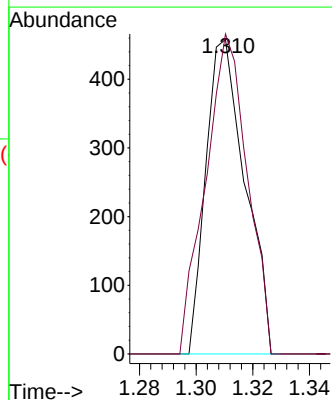
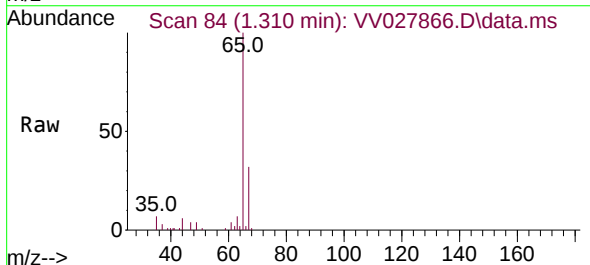
Instrument :
MSVOA_V
ClientSampleId :
EXZ16

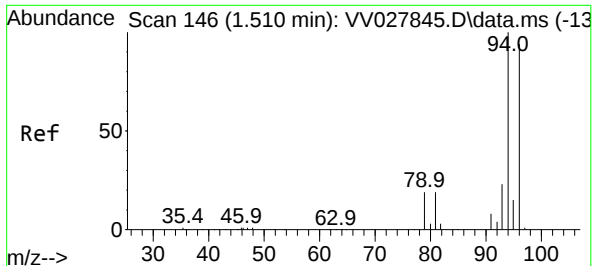
Tgt Ion: 50 Resp: 859
Ion Ratio Lower Upper
50 100
52 38.8 22.1 41.1



#5
Vinyl chloride
Concen: 0.041 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.013 min
Lab File: VV027866.D
Acq: 15 Sep 2022 19:54

Tgt Ion: 62 Resp: 441
Ion Ratio Lower Upper
62 100
64 101.7 23.2 43.2#





#6

Bromomethane

Concen: 0.042 ug/L

RT: 1.526 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV027866.D

Acq: 15 Sep 2022 19:54

Instrument :

MSVOA_V

ClientSampleId :

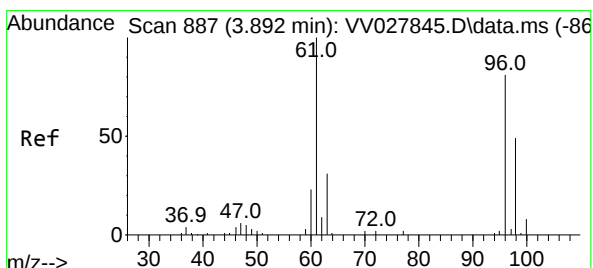
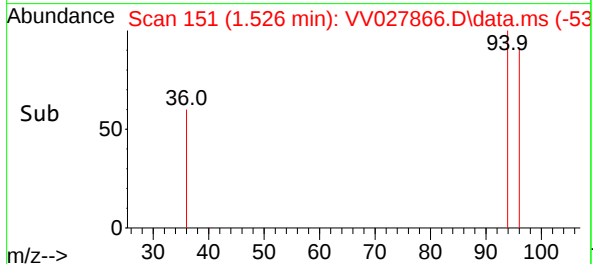
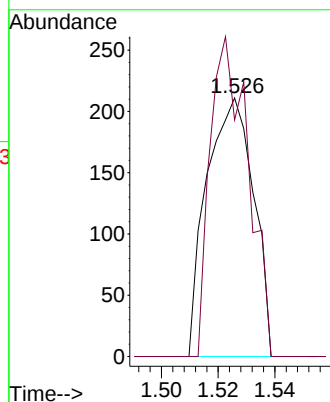
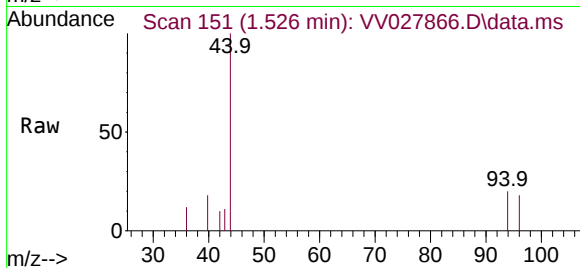
EXZ16

Tgt Ion: 94 Resp: 242

Ion Ratio Lower Upper

94 100

96 91.5 64.2 119.2



#22

cis-1,2-Dichloroethene

Concen: 0.060 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.022 min

Lab File: VV027866.D

Acq: 15 Sep 2022 19:54

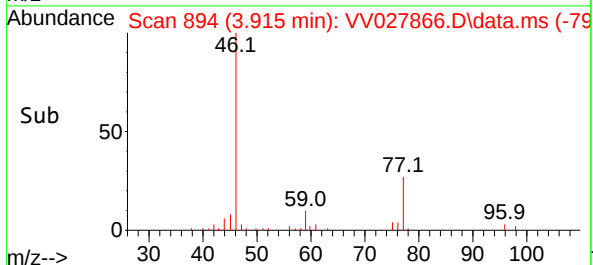
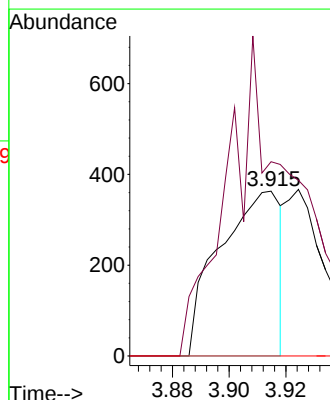
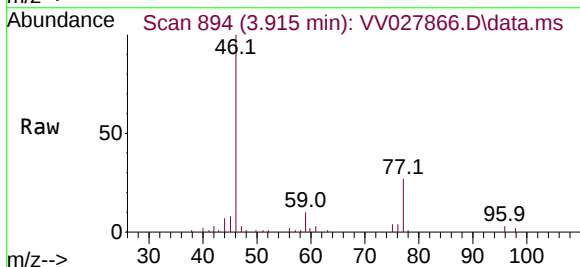
Tgt Ion: 96 Resp: 546

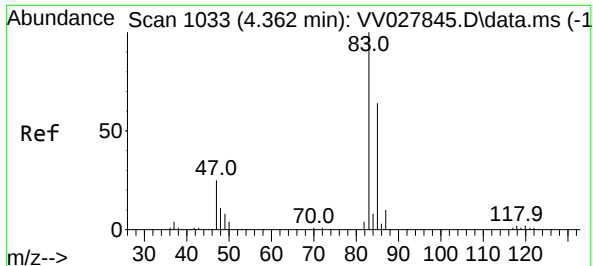
Ion Ratio Lower Upper

96 100

61 117.9 94.6 175.6

68 0.0 0.3 0.5#





#25

Chloroform

Concen: 1.326 ug/L

RT: 4.375 min Scan# 1033

Delta R.T. 0.013 min

Lab File: VV027866.D

Acq: 15 Sep 2022 19:54

Instrument :

MSVOA_V

ClientSampleId :

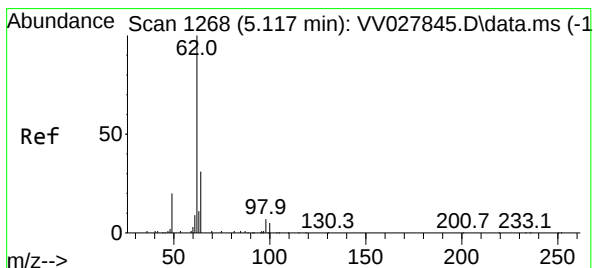
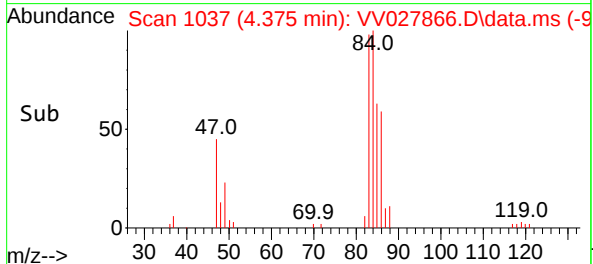
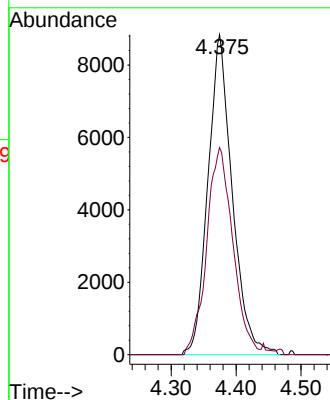
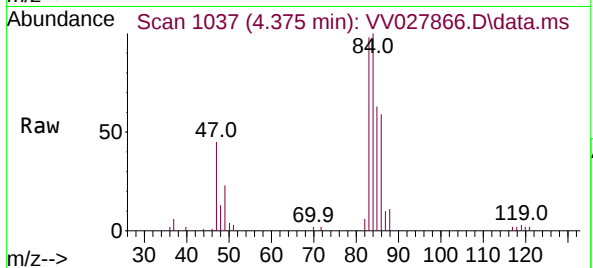
EXZ16

Tgt Ion: 83 Resp: 22946

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.079 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.077 min

Lab File: VV027866.D

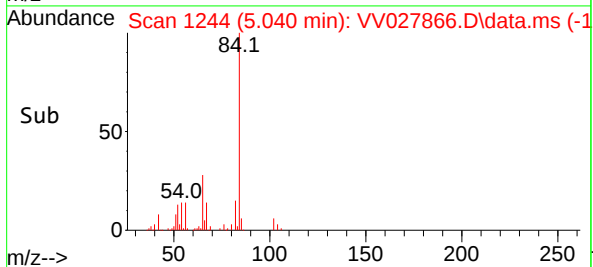
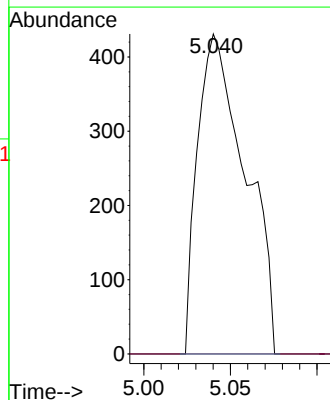
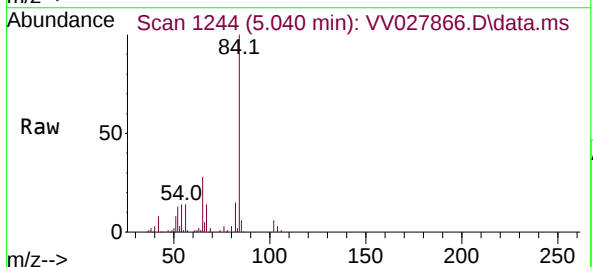
Acq: 15 Sep 2022 19:54

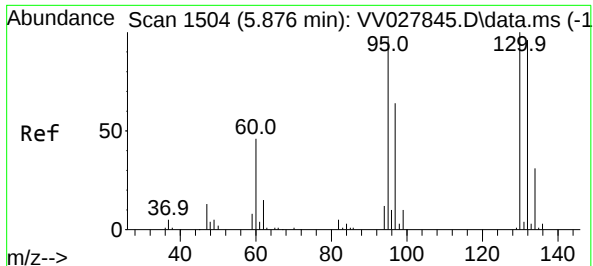
Tgt Ion: 62 Resp: 826

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#





#34

Trichloroethene

Concen: 0.367 ug/L

RT: 5.616 min Scan# 14

Delta R.T. -0.261 min

Lab File: VV027866.D

Acq: 15 Sep 2022 19:54

Instrument :

MSVOA_V

ClientSampleId :

EXZ16

Tgt Ion: 95 Resp: 3557

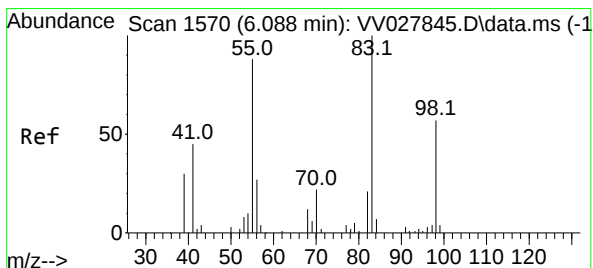
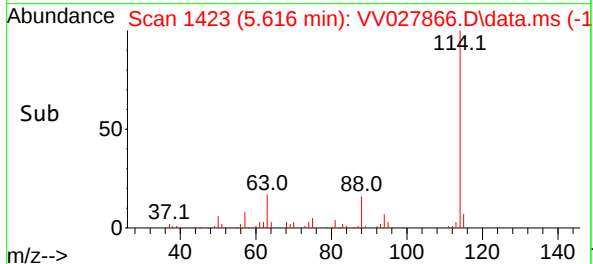
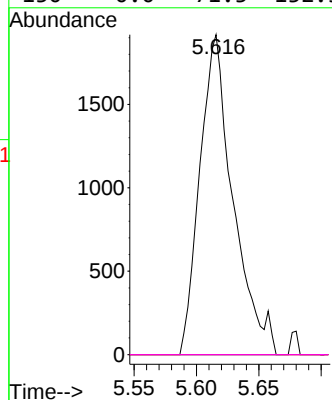
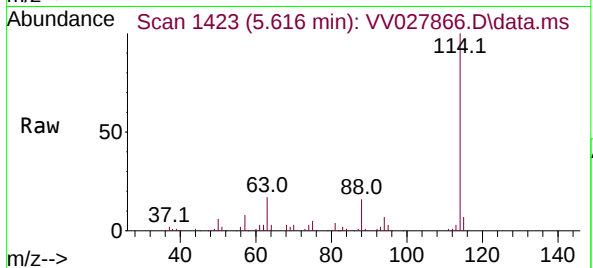
Ion Ratio Lower Upper

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: 0.723 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.023 min

Lab File: VV027866.D

Acq: 15 Sep 2022 19:54

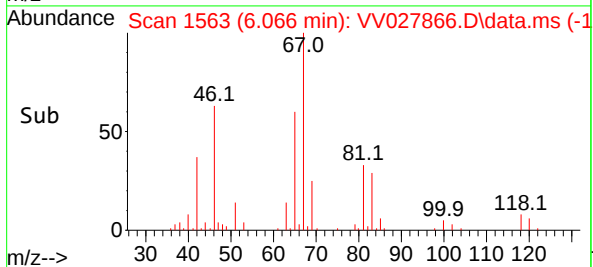
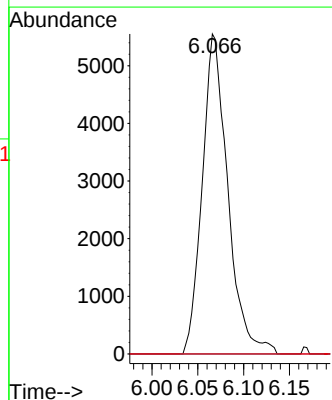
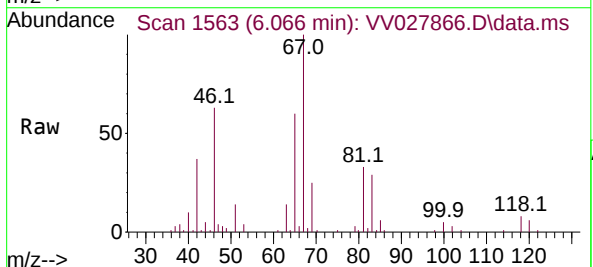
Tgt Ion: 83 Resp: 10765

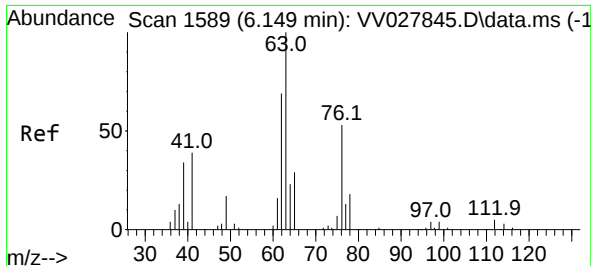
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 8.5 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.084 min

Lab File: VV027866.D

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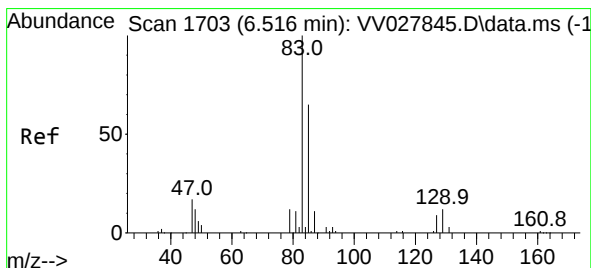
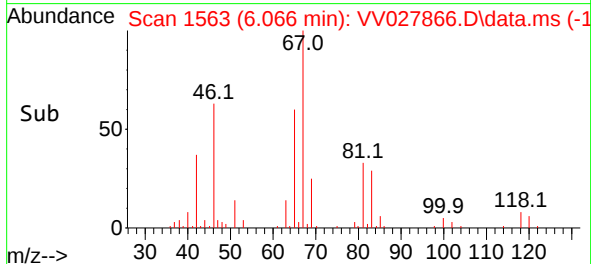
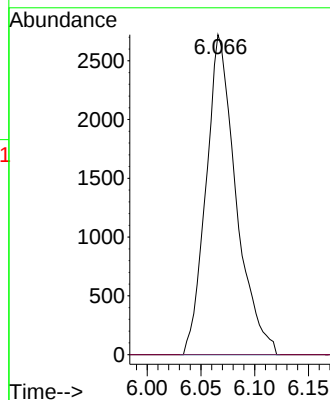
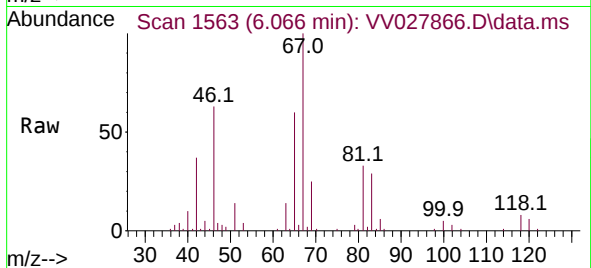
EXZ16

Tgt Ion: 63 Resp: 5284

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#38

Bromodichloromethane

Concen: 0.165 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VV027866.D

Acq: 15 Sep 2022 19:54

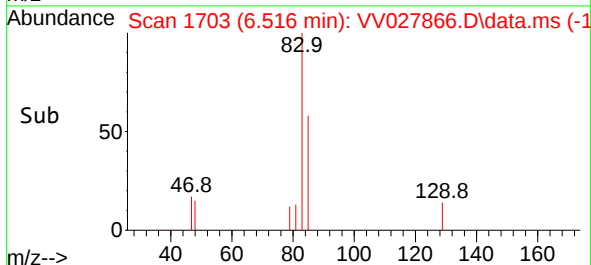
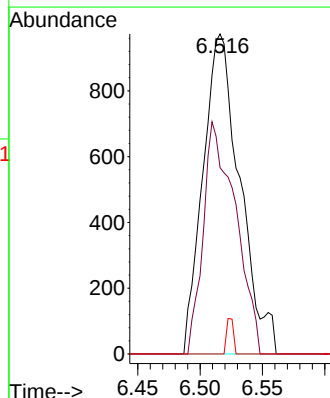
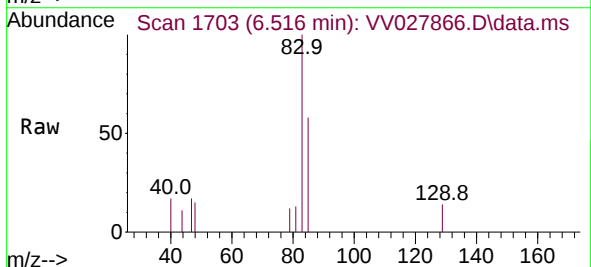
Tgt Ion: 83 Resp: 2005

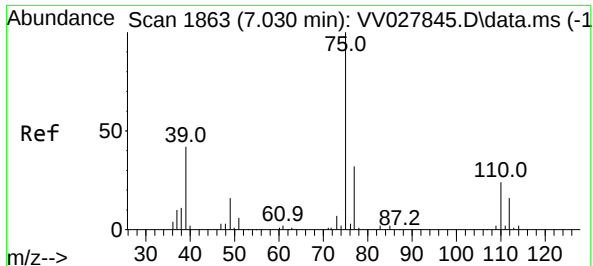
Ion Ratio Lower Upper

83 100

85 58.3 43.3 80.3

127 0.0 7.1 10.7#





#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV027866.D

Acq: 15 Sep 2022 19:54

Instrument :

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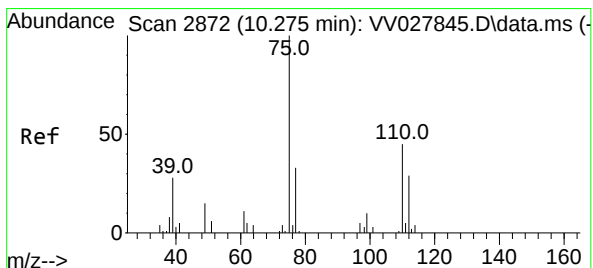
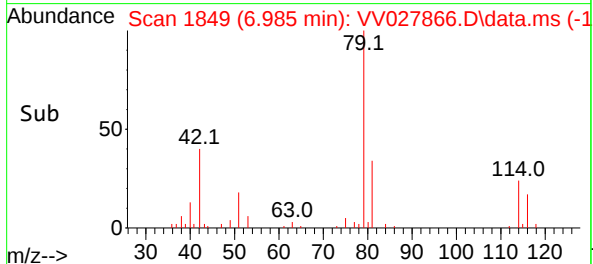
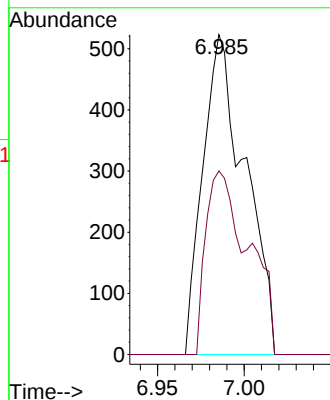
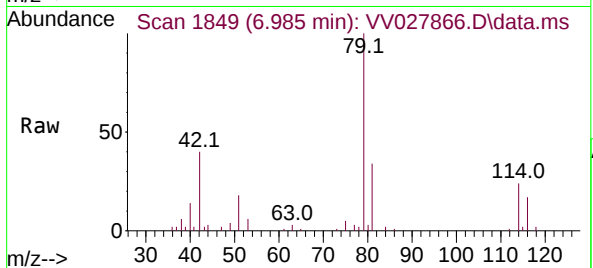
EXZ16

Tgt Ion: 75 Resp: 886

Ion Ratio Lower Upper

75 100

77 57.4 22.0 40.8#



#61

1,2,3-Trichloropropane

Concen: 1.245 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV027866.D

Acq: 15 Sep 2022 19:54

Tgt Ion: 75 Resp: 5729

Ion Ratio Lower Upper

75 100

77 32.9 27.6 41.4

110 0.7 35.6 53.4#

