

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027573.D
 Acq On : 29 Aug 2022 19:37
 Operator : SY/MD
 Sample : N4367-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F24

Quant Time: Aug 30 04:20:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

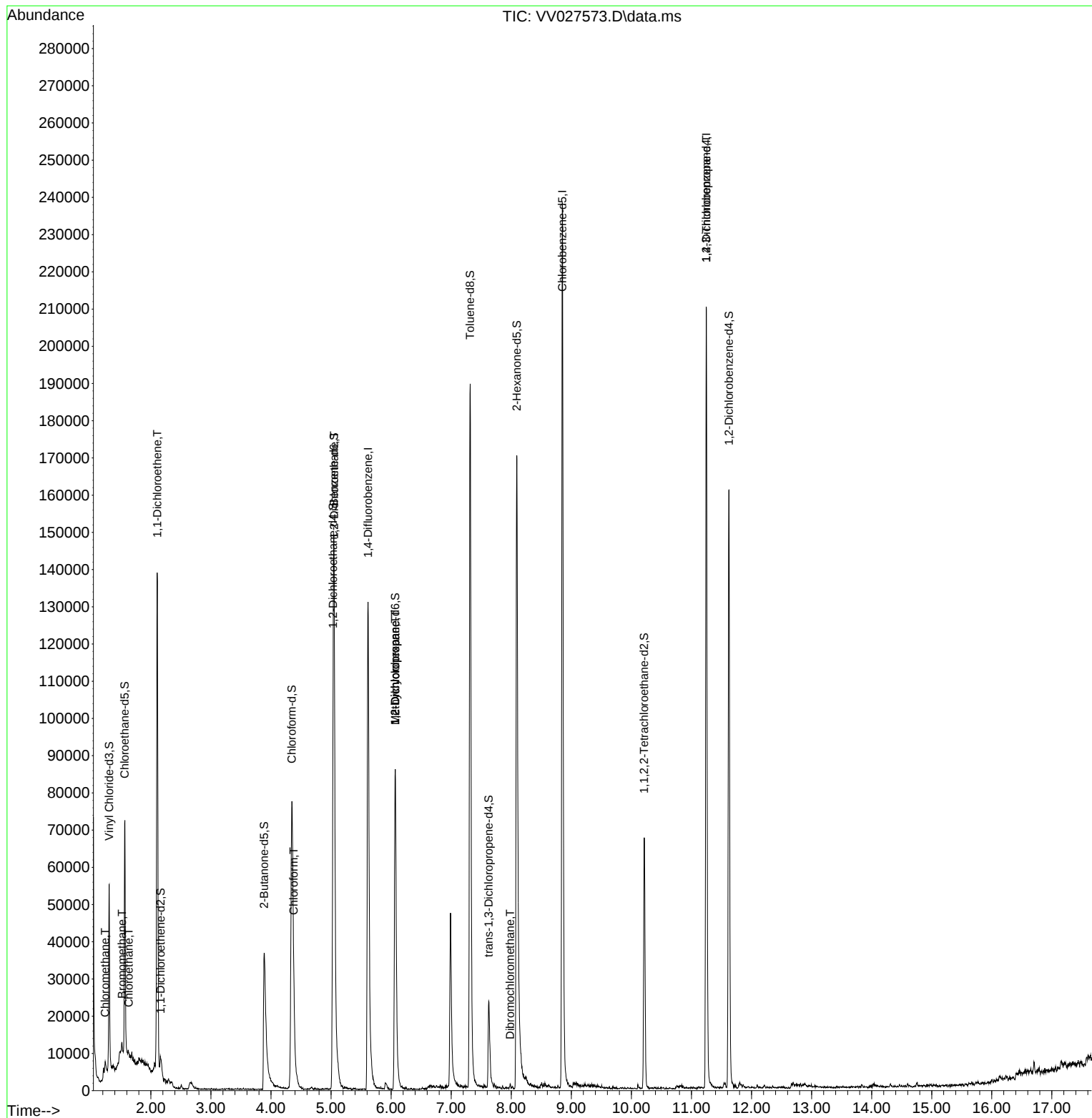
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120934	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	55624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38194	4.438	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.564	69	40126	6.370	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.400%
11) 1,1-Dichloroethene-d2	2.163	63	3387	0.169	ug/L	0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3.400%#
20) 2-Butanone-d5	3.886	46	63856	59.616	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.240%
24) Chloroform-d	4.346	84	77790	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.034	65	37740	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.050	84	140831	3.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.069	67	42645	4.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.317	98	130871	3.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.625	79	15798	4.335	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.092	63	59669	49.743	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32212	4.753	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	42246	5.123	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1447	0.129	ug/L	89
6) Bromomethane	1.519	94	487	0.087	ug/L	94
8) Chloroethane	1.629	64	606	0.092	ug/L #	49
12) 1,1-Dichloroethene	2.108	96	776	0.085	ug/L #	1
25) Chloroform	4.378	83	20569	0.969	ug/L	89
27) 1,2-Dichloroethane	5.053	62	992	0.092	ug/L #	74
35) Methylcyclohexane	6.069	83	11153	0.686	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	5087	0.434	ug/L #	85
49) Dibromochloromethane	7.982	129	253	0.027	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	6661	1.365	ug/L #	67

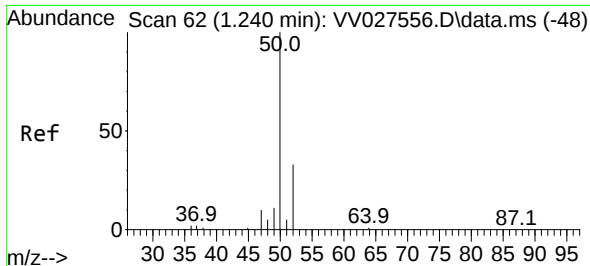
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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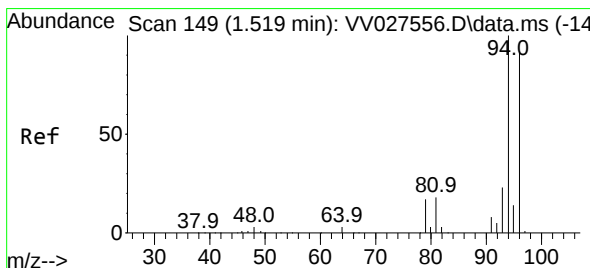
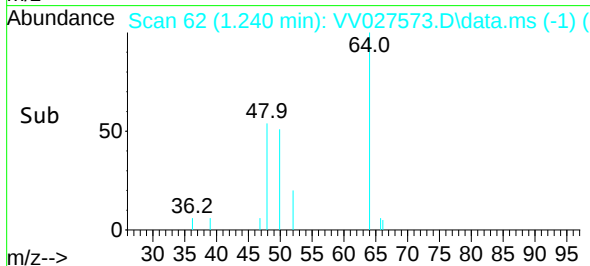
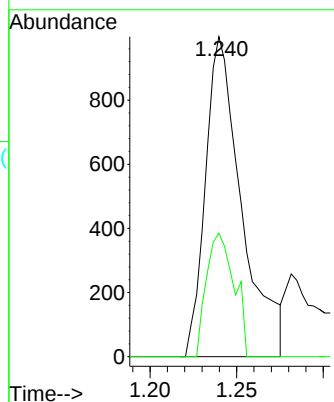
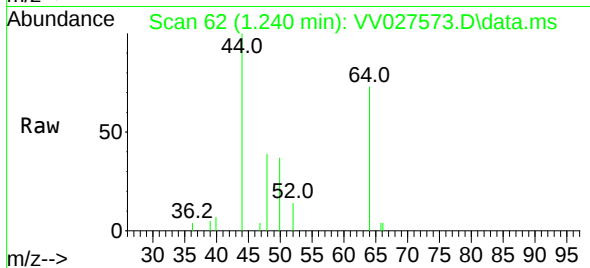




#3
Chloromethane
Concen: 0.129 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027573.D
Acq: 29 Aug 2022 19:37

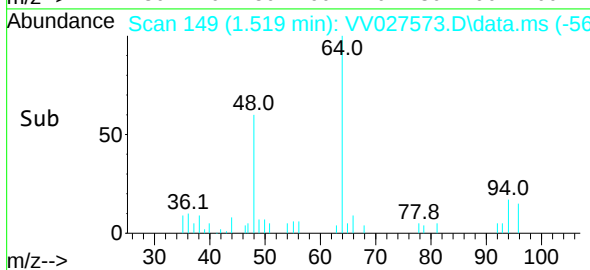
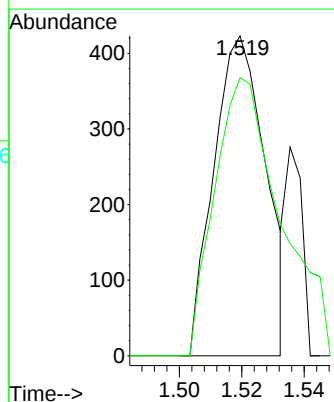
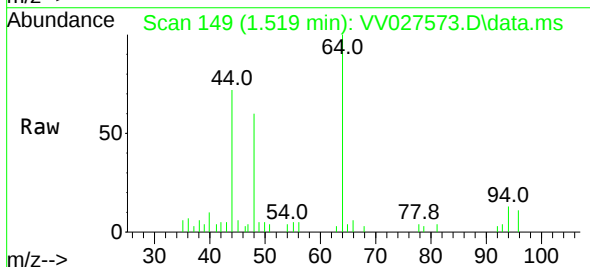
Instrument :
MSVOA_V
ClientSampleId :
F5F24

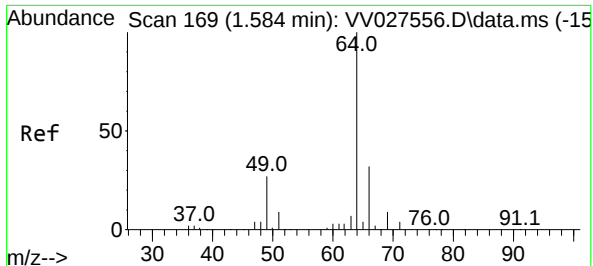
Tgt Ion: 50 Resp: 1447
Ion Ratio Lower Upper
50 100
52 38.6 22.8 42.4



#6
Bromomethane
Concen: 0.087 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027573.D
Acq: 29 Aug 2022 19:37

Tgt Ion: 94 Resp: 487
Ion Ratio Lower Upper
94 100
96 87.0 65.2 121.0

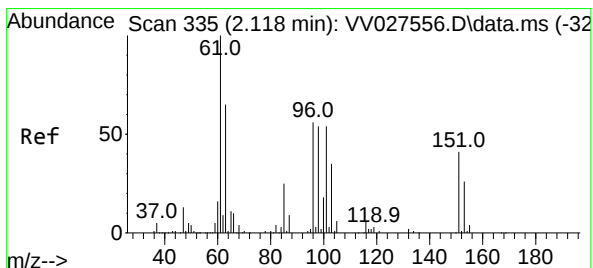
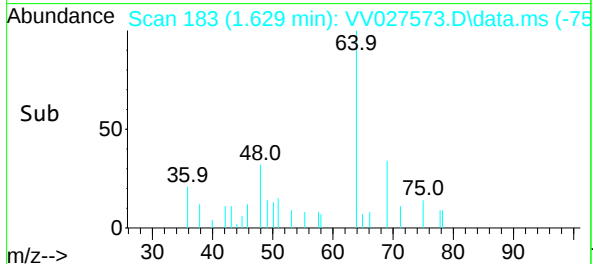
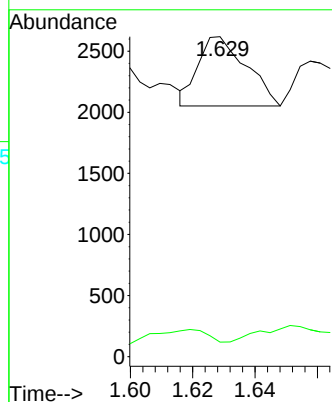
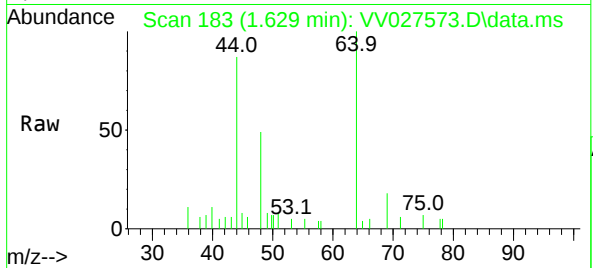




#8
Chloroethane
Concen: 0.092 ug/L
RT: 1.629 min Scan# 11
Delta R.T. 0.048 min
Lab File: VV027573.D
Acq: 29 Aug 2022 19:37

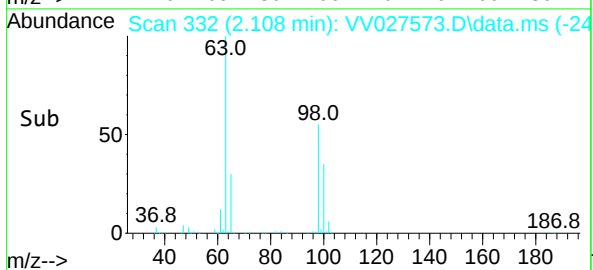
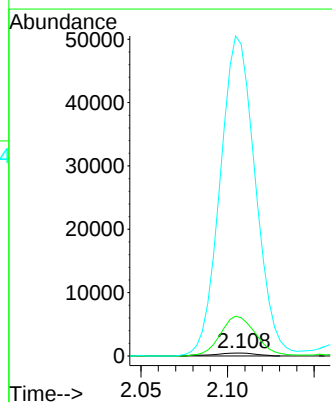
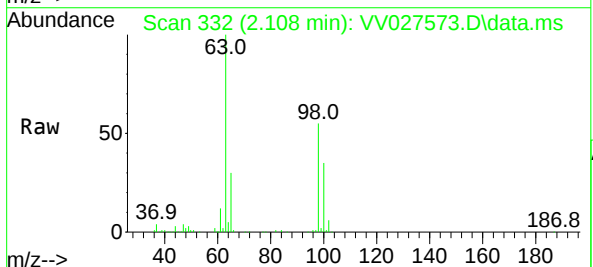
Instrument :
MSVOA_V
ClientSampleId :
F5F24

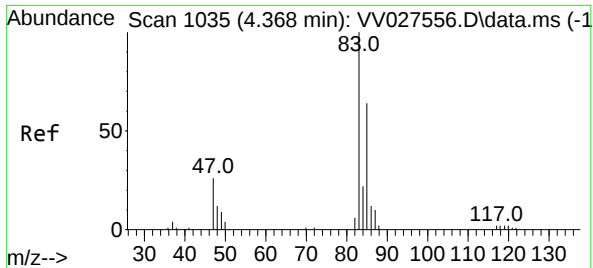
Tgt Ion: 64 Resp: 606
Ion Ratio Lower Upper
64 100
66 4.5 23.3 43.3#



#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV027573.D
Acq: 29 Aug 2022 19:37

Tgt Ion: 96 Resp: 776
Ion Ratio Lower Upper
96 100
61 1296.8 130.2 241.8#
63 10566.5 87.4 162.4#





#25

Chloroform

Concen: 0.969 ug/L

RT: 4.378 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV027573.D

Acq: 29 Aug 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

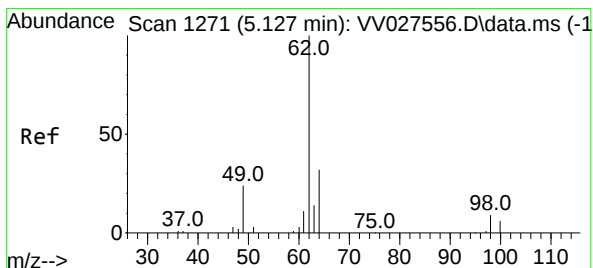
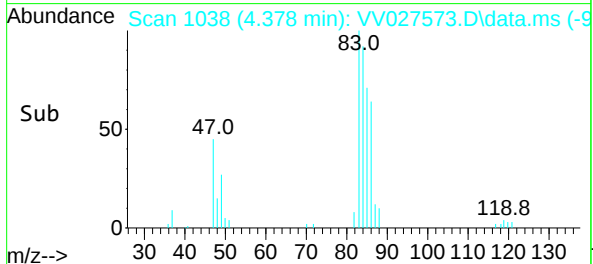
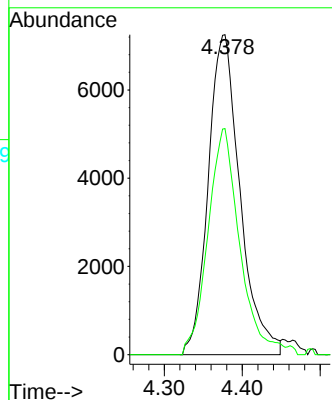
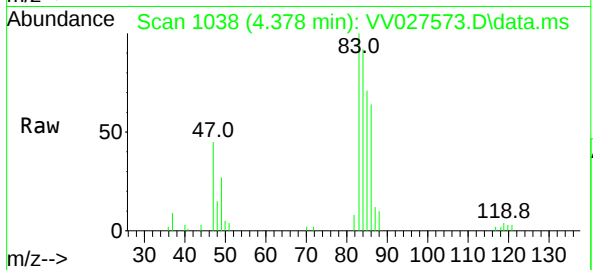
F5F24

Tgt Ion: 83 Resp: 20569

Ion Ratio Lower Upper

83 100

85 70.6 43.3 80.5



#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.071 min

Lab File: VV027573.D

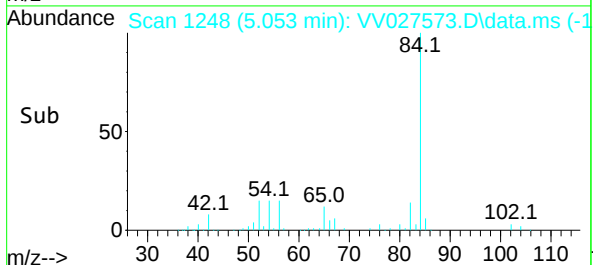
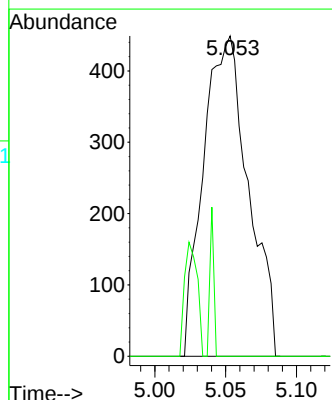
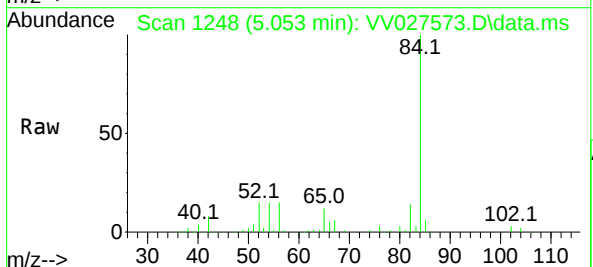
Acq: 29 Aug 2022 19:37

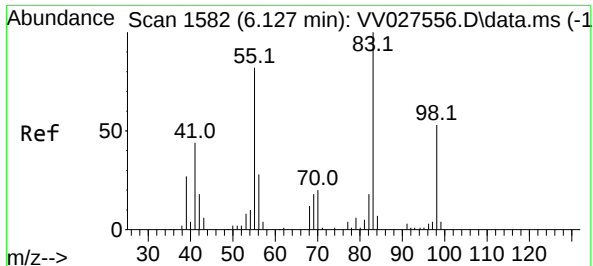
Tgt Ion: 62 Resp: 992

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#





#35

Methylcyclohexane

Concen: 0.686 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027573.D

Acq: 29 Aug 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

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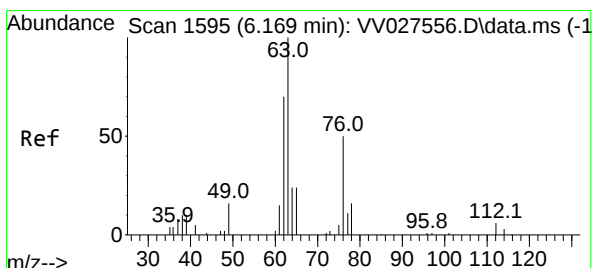
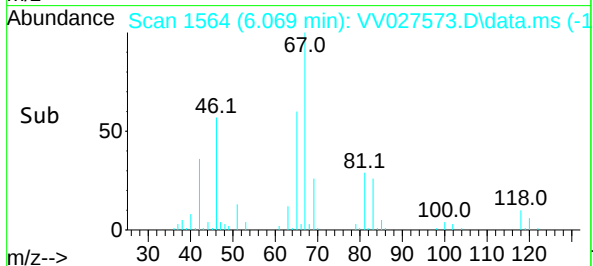
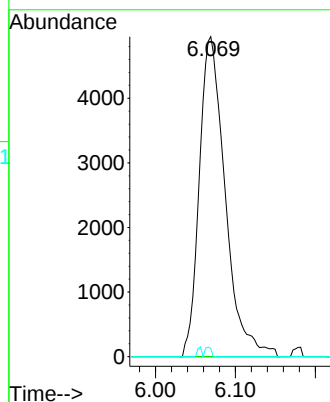
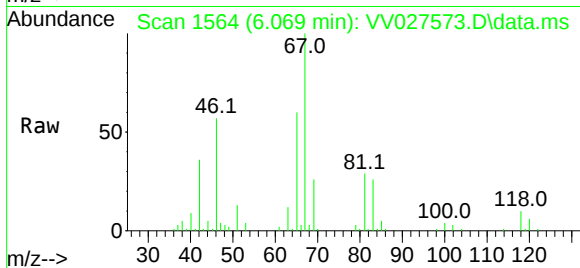
Tgt Ion: 83 Resp: 11153

Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

98 0.7 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.434 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV027573.D

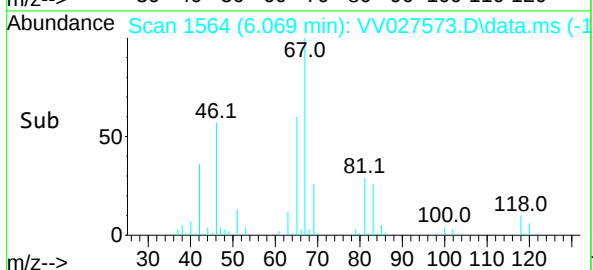
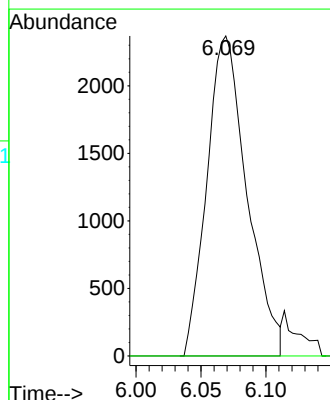
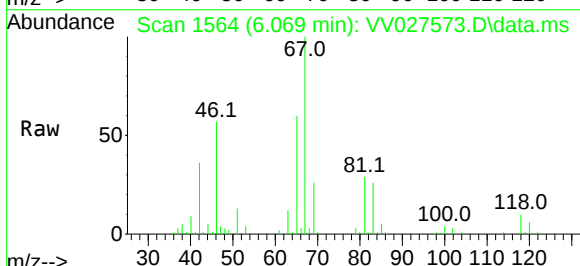
Acq: 29 Aug 2022 19:37

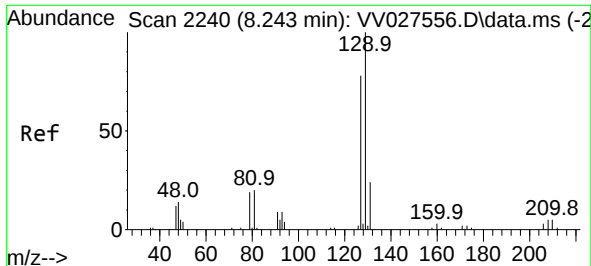
Tgt Ion: 63 Resp: 5087

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#49

Dibromochloromethane

Concen: 0.027 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.260 min

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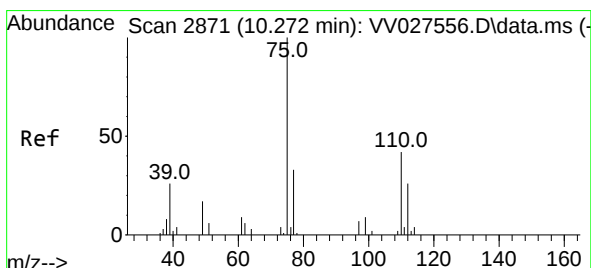
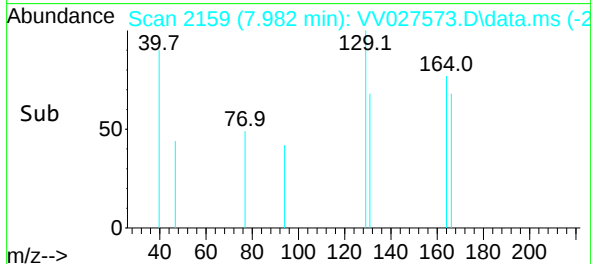
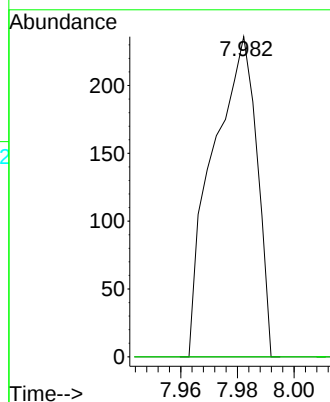
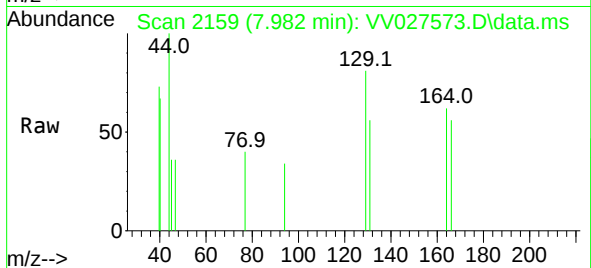
F5F24

Tgt Ion:129 Resp: 253

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.365 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027573.D

Acq: 29 Aug 2022 19:37

Tgt Ion: 75 Resp: 6661

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

110 1.3 29.9 44.9#

