

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023241.D
 Acq On : 05 Nov 2021 18:44
 Operator : SY/MD
 Sample : M4535-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 03:18:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 03:09:01 2021
 Response via : Initial Calibration

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

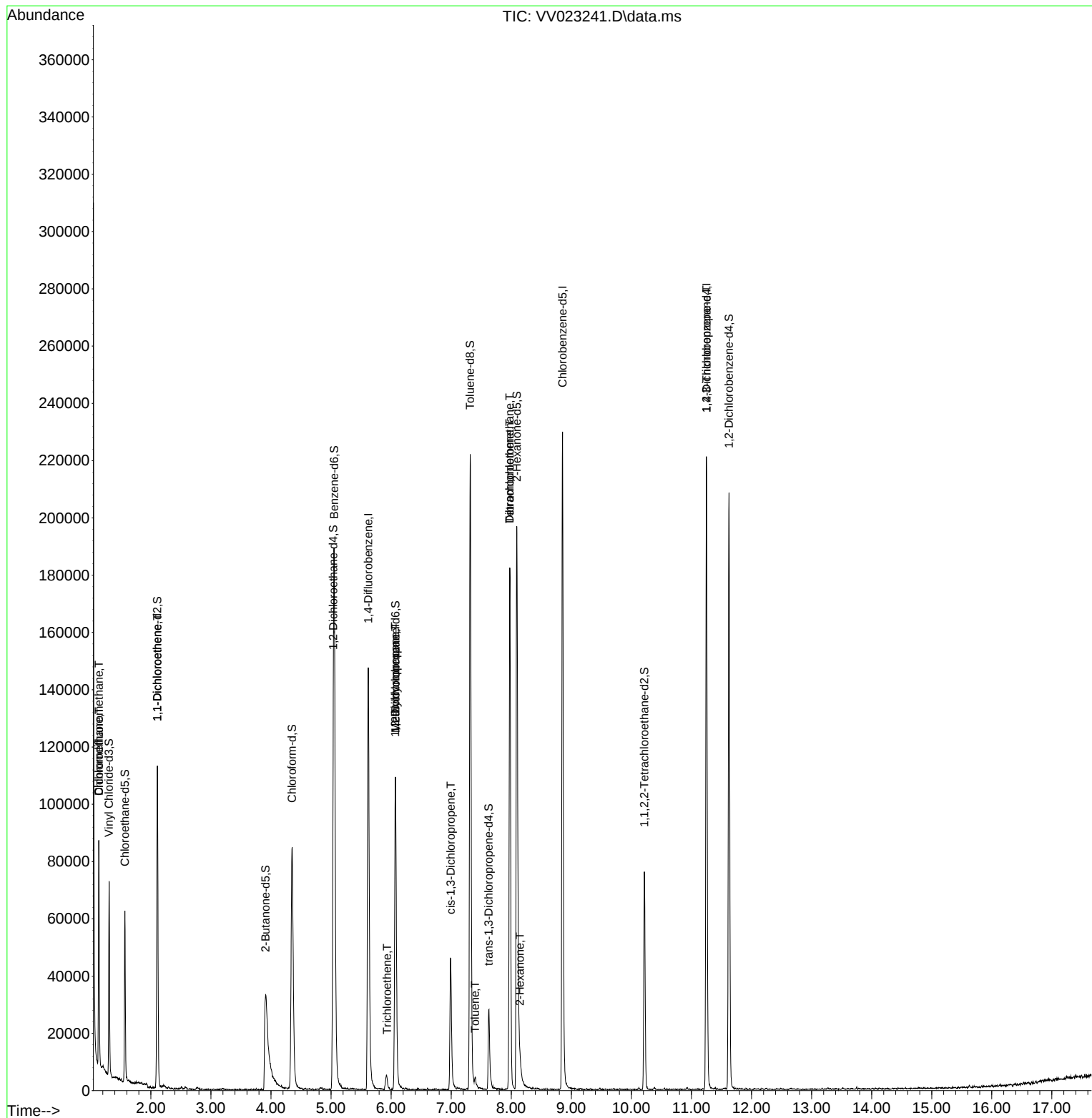
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130317	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59620	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40247	4.930	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.600%	
7) Chloroethane-d5	1.568	69	34498	5.185	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.600%	
11) 1,1-Dichloroethene-d2	2.108	63	56888	3.722	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.400%	
20) 2-Butanone-d5	3.908	46	93925	76.148	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	152.300%#	
24) Chloroform-d	4.352	84	88963	5.113	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
26) 1,2-Dichloroethane-d4	5.037	65	42456	5.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.600%	
32) Benzene-d6	5.053	84	173672	5.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
36) 1,2-Dichloropropane-d6	6.072	67	52657	5.374	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.400%	
41) Toluene-d8	7.317	98	148399	4.758	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	7.625	79	16781	4.517	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.092	63	68989	50.469	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.940%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35270	5.005	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	55572	5.598	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	1166	0.092	ug/L	91
3) Chloromethane	1.134	50	3076	0.285	ug/L #	78
12) 1,1-Dichloroethene	2.108	96	571	0.073	ug/L #	1
34) Trichloroethene	5.934	95	1345	0.139	ug/L	85
35) Methylcyclohexane	6.072	83	12899	0.848	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	6295	0.744	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1316	0.108	ug/L #	76
42) Toluene	7.400	91	2574	0.066	ug/L	98
47) Tetrachloroethene	7.976	164	40910	4.896	ug/L	93
48) 2-Hexanone	8.143	43	4158	1.477	ug/L #	75
49) Dibromochloromethane	7.976	129	37285	4.838	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6363	1.607	ug/L #	63

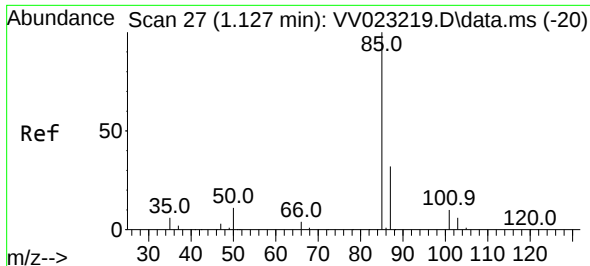
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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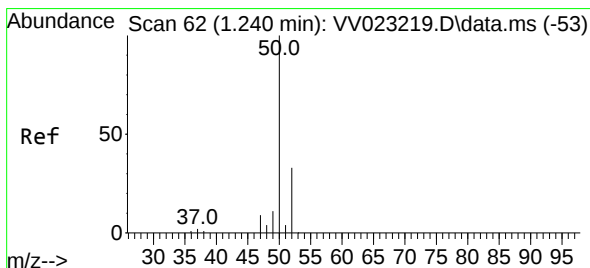
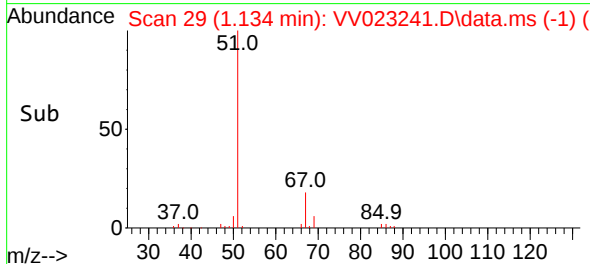
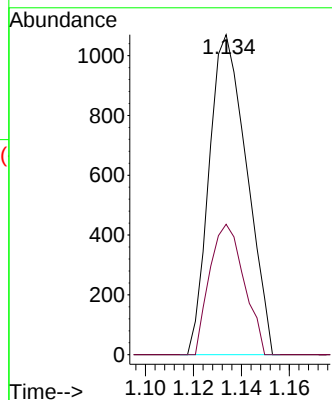
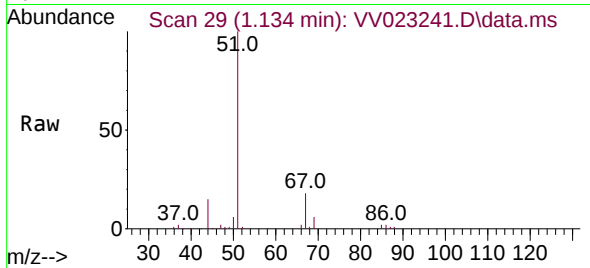




#2
 Dichlorodifluoromethane
 Concen: 0.092 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.006 min
 Lab File: VV023241.D
 Acq: 05 Nov 2021 18:44

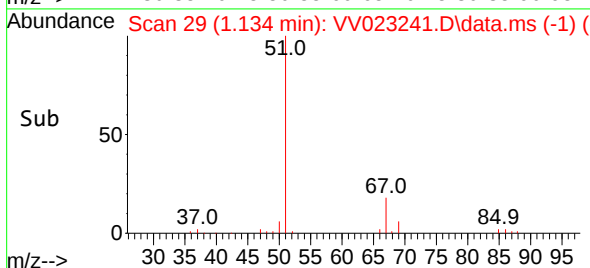
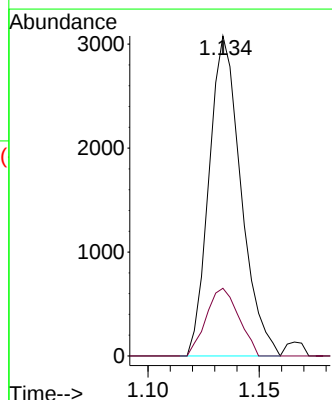
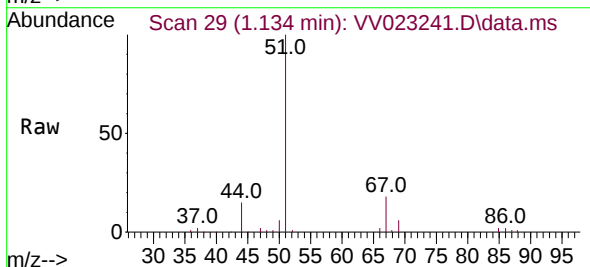
Instrument :
 MSVOA_V
 ClientSampleId :

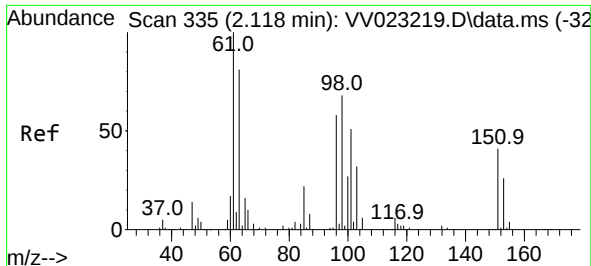
Tgt Ion: 85 Resp: 1166
 Ion Ratio Lower Upper
 85 100
 87 37.3 26.0 39.0



#3
 Chloromethane
 Concen: 0.285 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.106 min
 Lab File: VV023241.D
 Acq: 05 Nov 2021 18:44

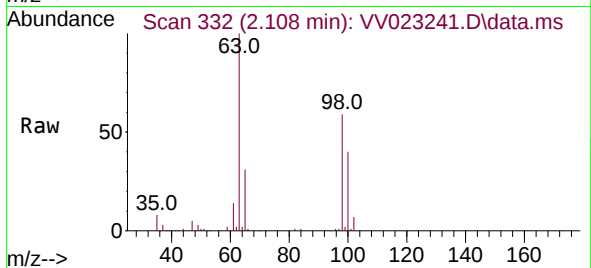
Tgt Ion: 50 Resp: 3076
 Ion Ratio Lower Upper
 50 100
 52 21.2 23.7 43.9#



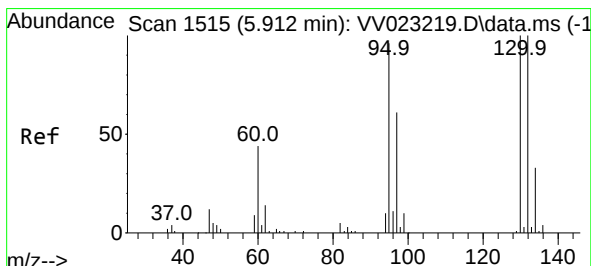
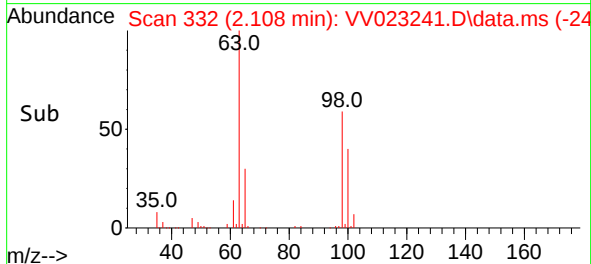
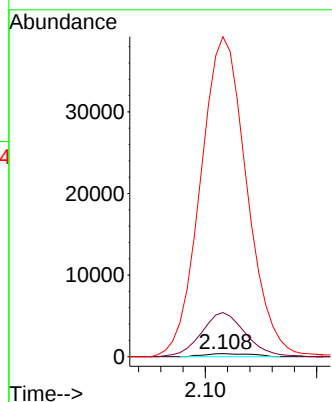


#12
1,1-Dichloroethene
Concen: 0.073 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023241.D
Acq: 05 Nov 2021 18:44

Instrument :
MSVOA_V
ClientSampleId :

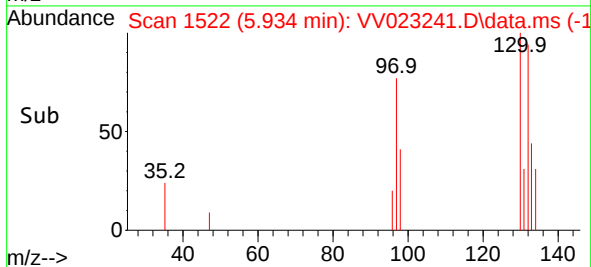
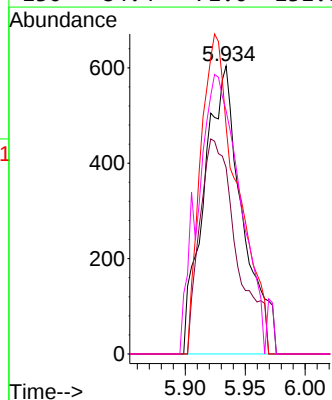
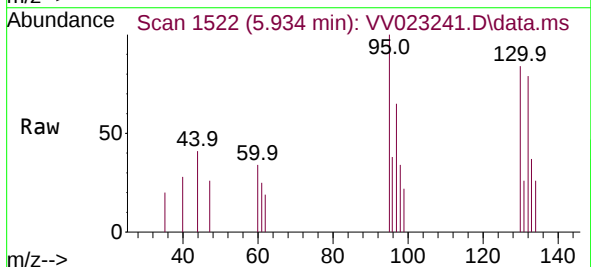


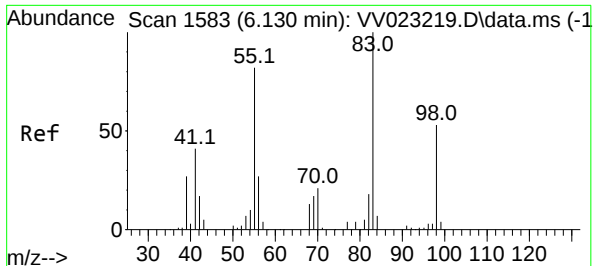
Tgt Ion: 96 Resp: 571
Ion Ratio Lower Upper
96 100
61 1424.2 117.7 218.7#
63 10317.9 80.5 149.5#



#34
Trichloroethene
Concen: 0.139 ug/L
RT: 5.934 min Scan# 1522
Delta R.T. 0.022 min
Lab File: VV023241.D
Acq: 05 Nov 2021 18:44

Tgt Ion: 95 Resp: 1345
Ion Ratio Lower Upper
95 100
97 64.7 43.3 80.5
132 79.0 70.0 130.0
130 84.4 71.0 131.8





#35

Methylcyclohexane

Concen: 0.848 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023241.D

Acq: 05 Nov 2021 18:44

Instrument :

MSVOA_V

ClientSampleId :

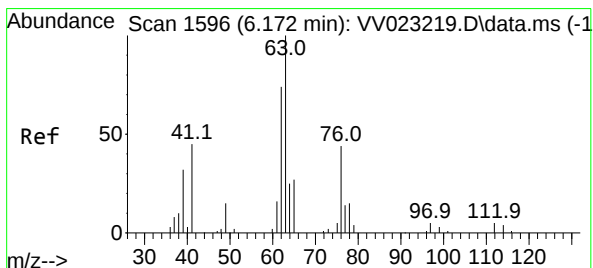
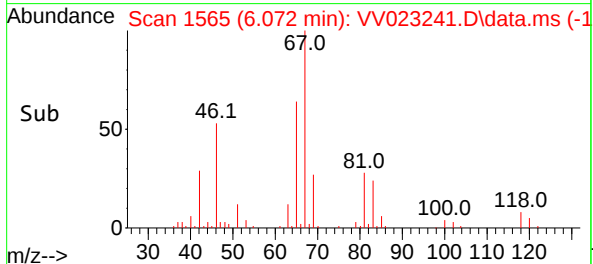
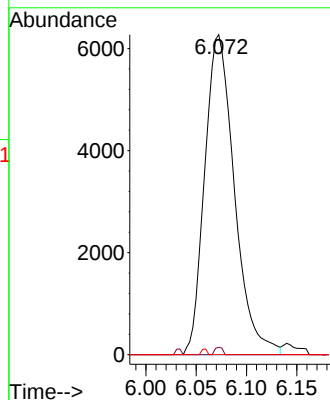
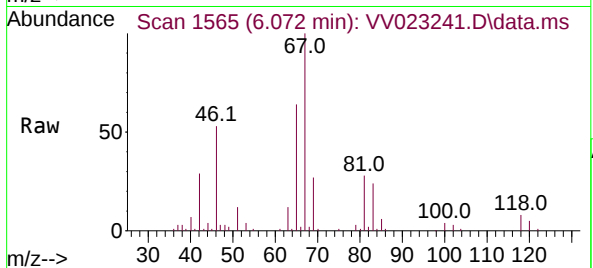
Tgt Ion: 83 Resp: 12899

Ion Ratio Lower Upper

83 100

55 0.6 59.6 89.4#

98 0.3 40.6 61.0#



#37

1,2-Dichloropropane

Concen: 0.744 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV023241.D

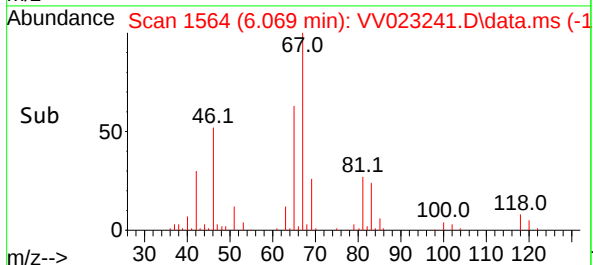
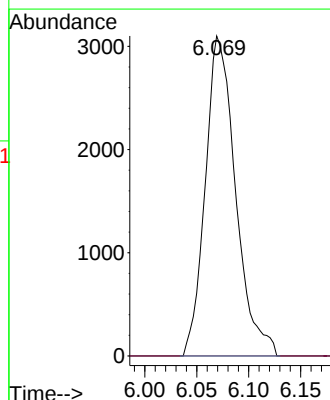
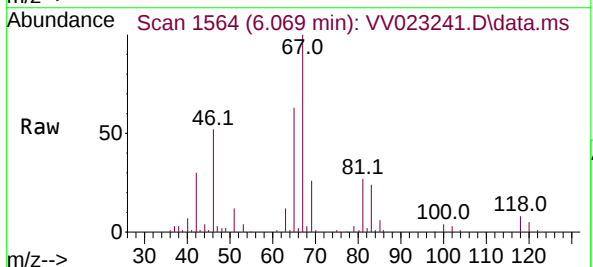
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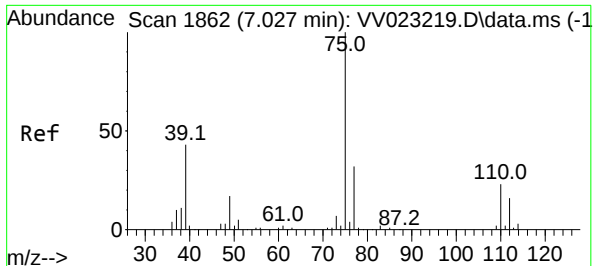
Tgt Ion: 63 Resp: 6295

Ion Ratio Lower Upper

63 100

112 0.0 4.5 6.7#





#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV023241.D

Acq: 05 Nov 2021 18:44

Instrument :

MSVOA_V

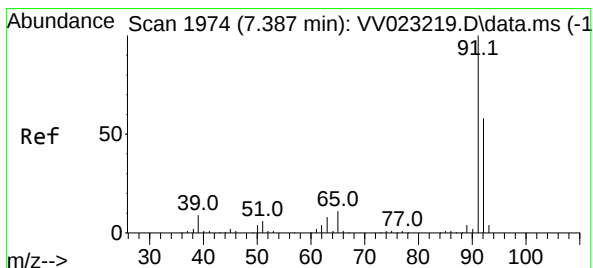
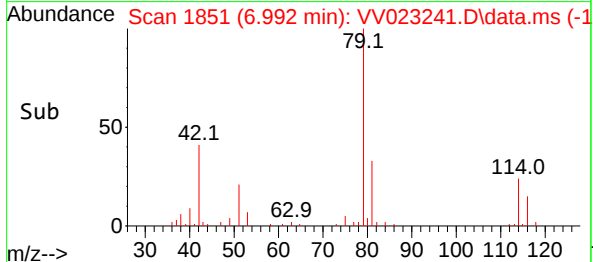
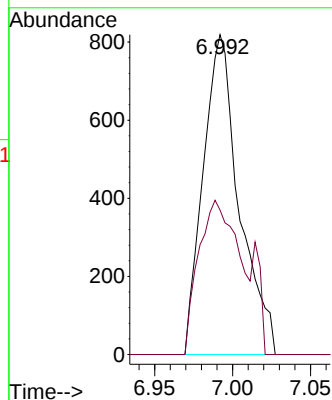
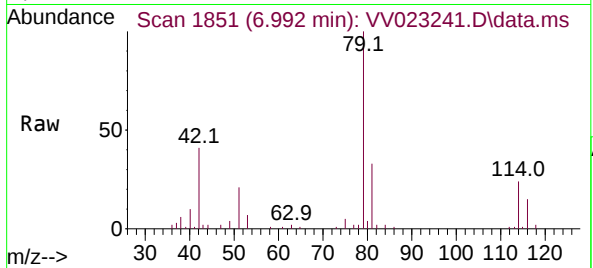
ClientSampleId :

Tgt Ion: 75 Resp: 1316

Ion Ratio Lower Upper

75 100

77 45.2 22.3 41.3#



#42

Toluene

Concen: 0.066 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023241.D

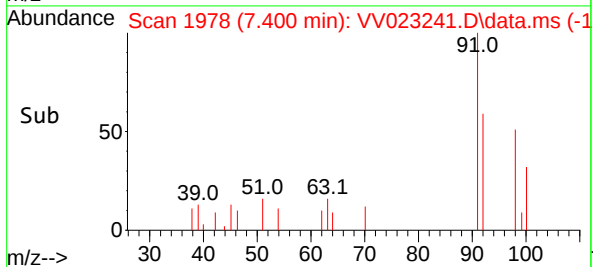
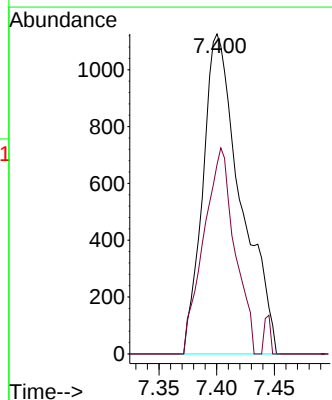
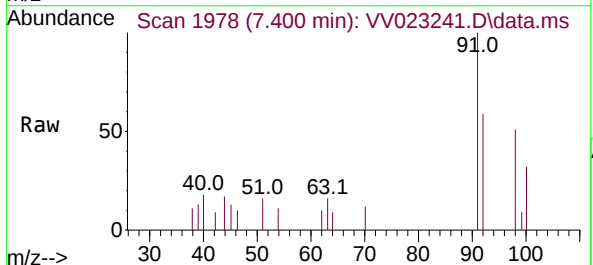
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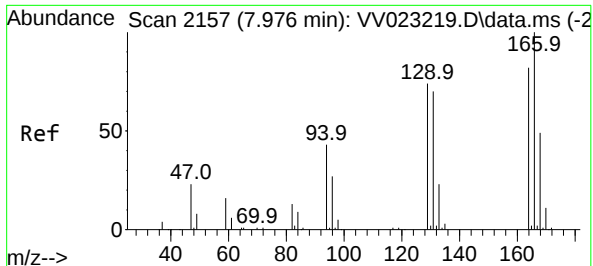
Tgt Ion: 91 Resp: 2574

Ion Ratio Lower Upper

91 100

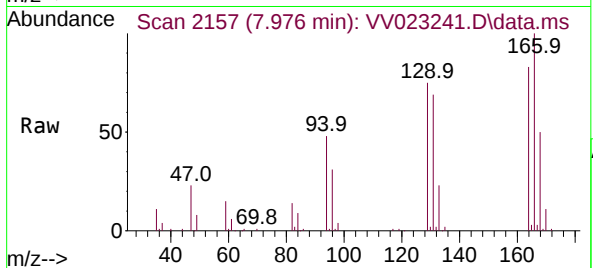
92 59.1 40.4 75.0



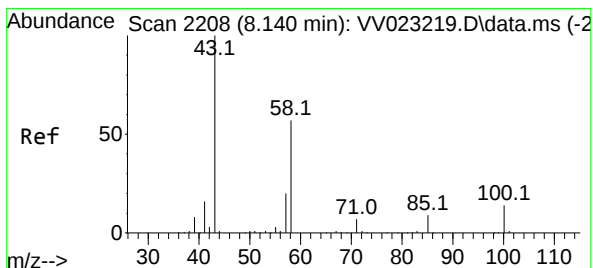
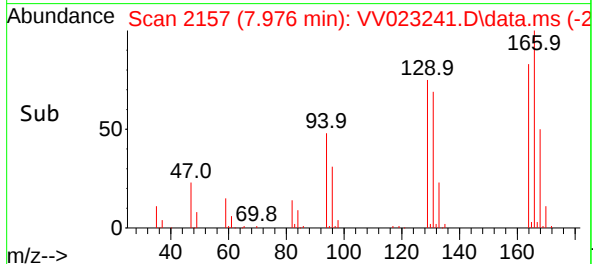
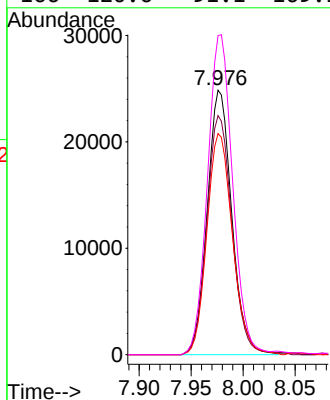


#47
Tetrachloroethene
Concen: 4.896 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023241.D
Acq: 05 Nov 2021 18:44

Instrument :
MSVOA_V
ClientSampleId :

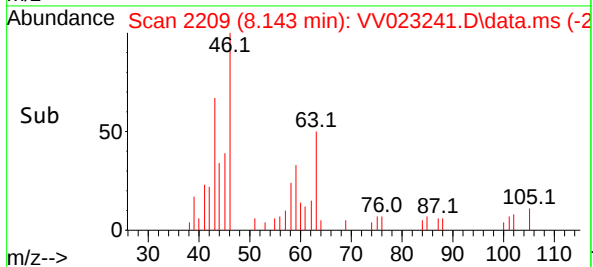
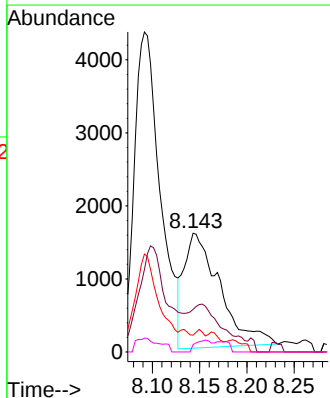
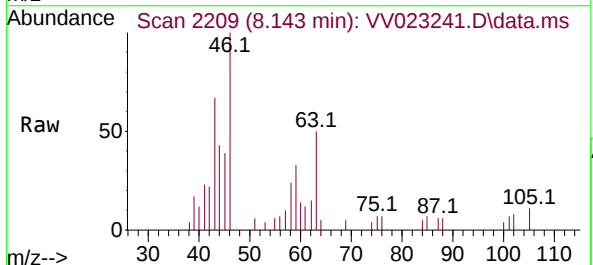


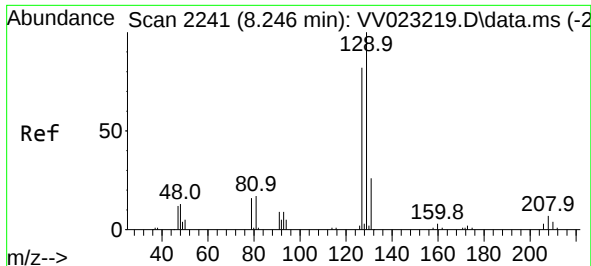
Tgt Ion:	164	Resp:	40910
Ion	Ratio	Lower	Upper
164	100		
129	90.4	65.5	121.7
131	83.6	63.9	118.7
166	120.6	91.1	169.1



#48
2-Hexanone
Concen: 1.477 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV023241.D
Acq: 05 Nov 2021 18:44

Tgt Ion:	43	Resp:	4158
Ion	Ratio	Lower	Upper
43	100		
58	38.7	43.0	64.6#
57	0.0	14.9	22.3#
100	5.0	10.3	15.5#





#49

Dibromochloromethane

Concen: 4.838 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023241.D

Acq: 05 Nov 2021 18:44

Instrument :

MSVOA_V

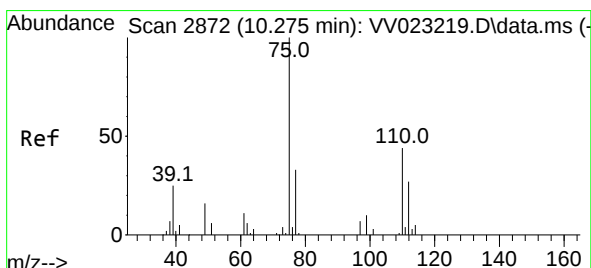
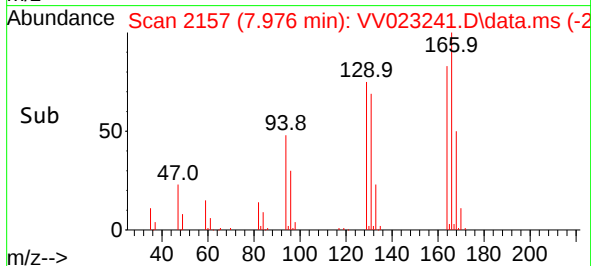
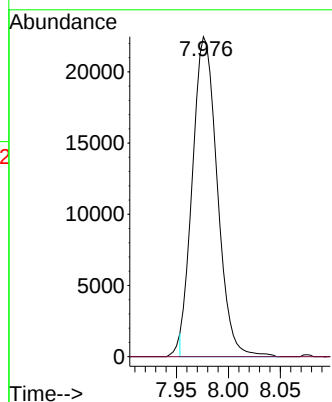
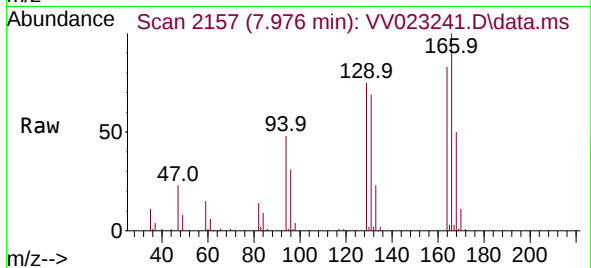
ClientSampleId :

Tgt Ion:129 Resp: 37285

Ion Ratio Lower Upper

129 100

127 0.0 54.4 101.0#



#61

1,2,3-Trichloropropane

Concen: 1.607 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023241.D

Acq: 05 Nov 2021 18:44

Tgt Ion: 75 Resp: 6363

Ion Ratio Lower Upper

75 100

77 34.2 26.6 39.8

110 0.6 33.0 49.4#

