

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022991.D
 Acq On : 22 Oct 2021 16:54
 Operator : SY/MD
 Sample : M4265-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

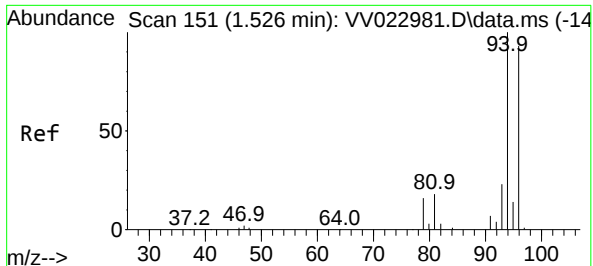
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:30:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 01:14:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	139687	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	136201	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53138	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	53620	4.393	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.561	69	35391	4.687	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.101	63	70313	3.993	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.940	46	64636	33.011	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.020%
24) Chloroform-d	4.342	84	84474	4.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.034	65	46126	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.040	84	198736	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.069	67	58380	4.769	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.313	98	147654	4.134	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.625	79	18034	4.205	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.104	63	61504	38.733	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.460%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	34959	4.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	48183	5.082	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
6) Bromomethane	1.519	94	266	0.053	ug/L	77
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	776	0.102	ug/L #	18
12) 1,1-Dichloroethene	2.098	96	715	0.100	ug/L #	1
13) Acetone	2.207	43	3018	3.142	ug/L	95
21) 2-Butanone	4.031	43	1888	1.004	ug/L	88
35) Methylcyclohexane	6.069	83	14185	1.076	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6249	0.676	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1379	0.120	ug/L #	51
42) Toluene	7.391	91	12425	0.335	ug/L	98
48) 2-Hexanone	8.162	43	4784	1.482	ug/L #	85
61) 1,2,3-Trichloropropane	11.249	75	5892	1.575	ug/L #	67

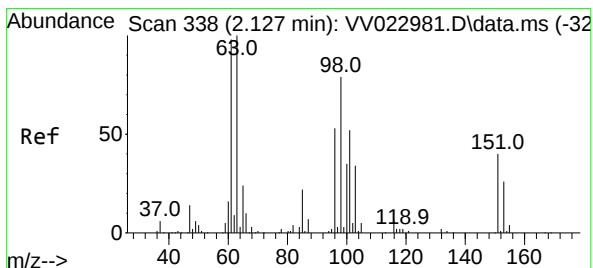
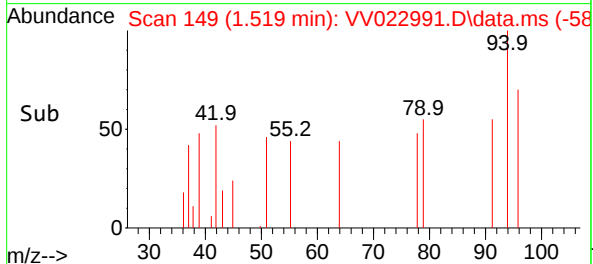
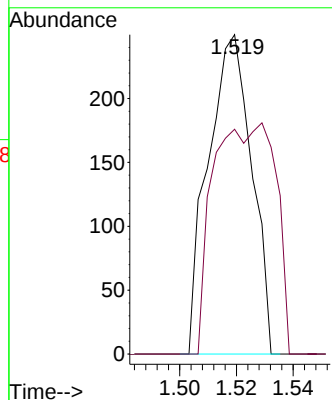
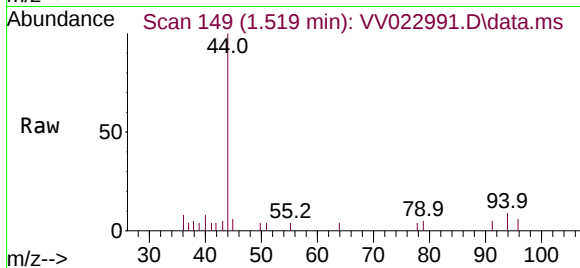
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.006 min
Lab File: VV022991.D
Acq: 22 Oct 2021 16:54

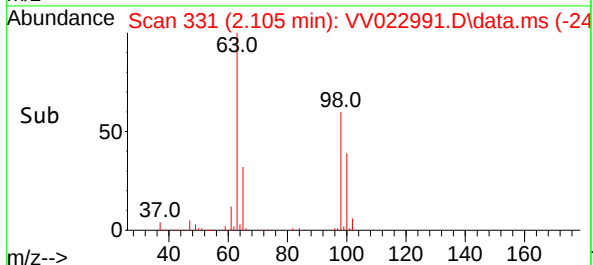
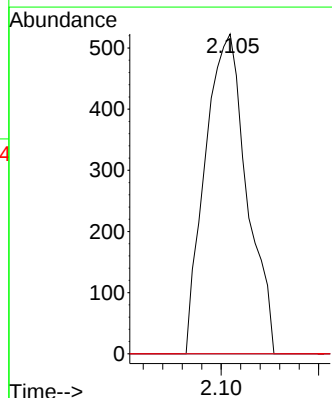
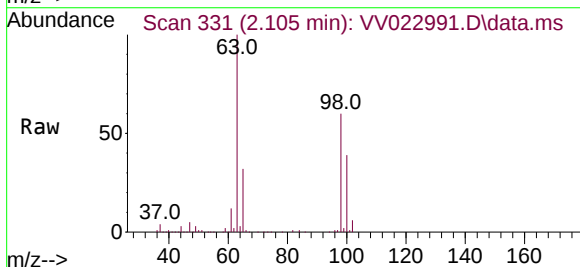
Instrument :
MSVOA_V
ClientSampleId :

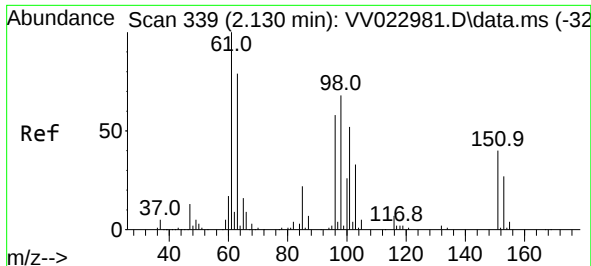
Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 70.4 65.0 120.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.102 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.023 min
Lab File: VV022991.D
Acq: 22 Oct 2021 16:54

Tgt Ion:101 Resp: 776
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 62.2 93.2#





#12

1,1-Dichloroethene

Concen: 0.100 ug/L

RT: 2.098 min Scan# 31

Delta R.T. -0.032 min

Lab File: VV022991.D

Acq: 22 Oct 2021 16:54

Instrument :

MSVOA_V

ClientSampleId :

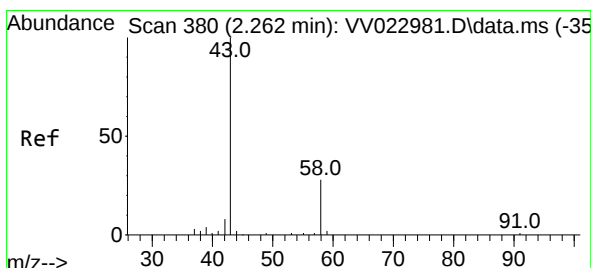
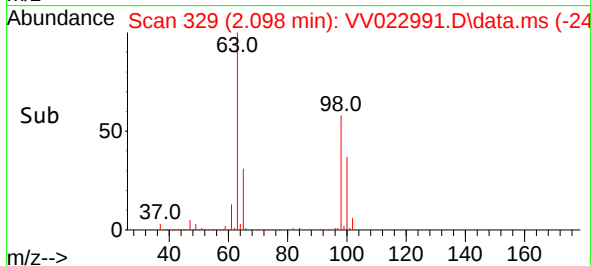
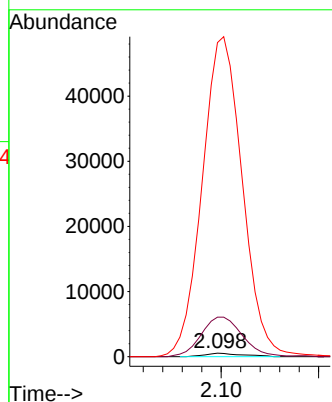
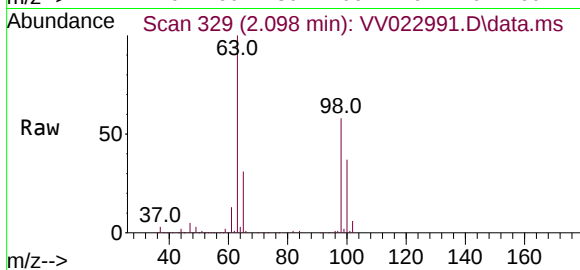
Tgt Ion: 96 Resp: 715

Ion Ratio Lower Upper

96 100

61 1133.8 121.5 225.7#

63 9012.3 99.6 185.0#



#13

Acetone

Concen: 3.142 ug/L

RT: 2.207 min Scan# 363

Delta R.T. -0.055 min

Lab File: VV022991.D

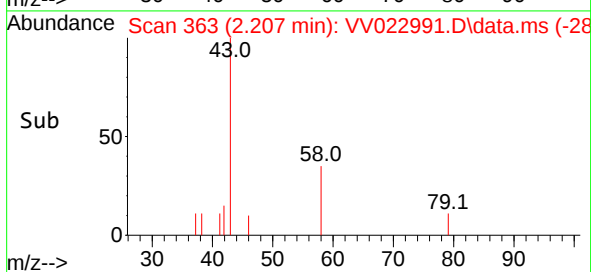
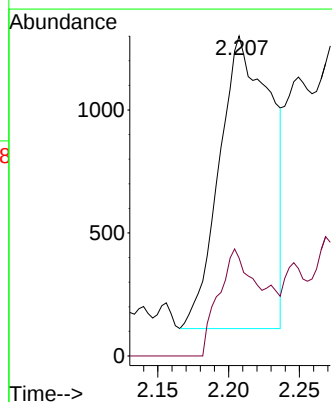
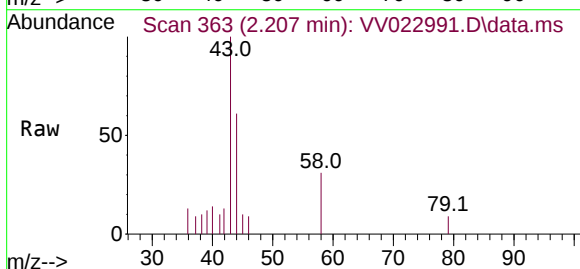
Acq: 22 Oct 2021 16:54

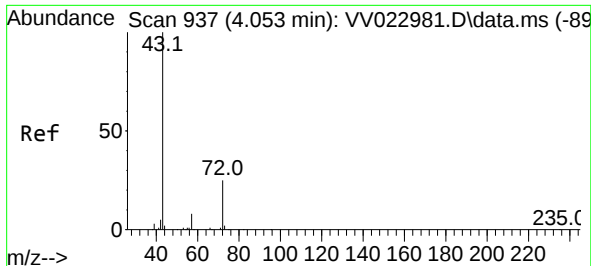
Tgt Ion: 43 Resp: 3018

Ion Ratio Lower Upper

43 100

58 25.0 0.0 55.4





#21

2-Butanone

Concen: 1.004 ug/L

RT: 4.031 min Scan# 91

Delta R.T. -0.023 min

Lab File: VV022991.D

Acq: 22 Oct 2021 16:54

Instrument :

MSVOA_V

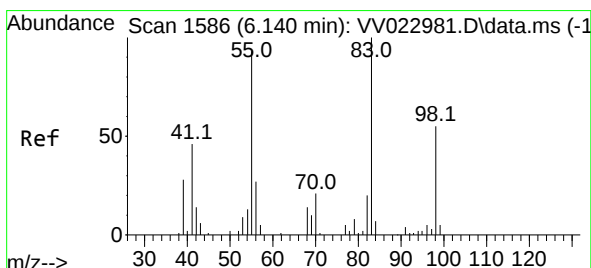
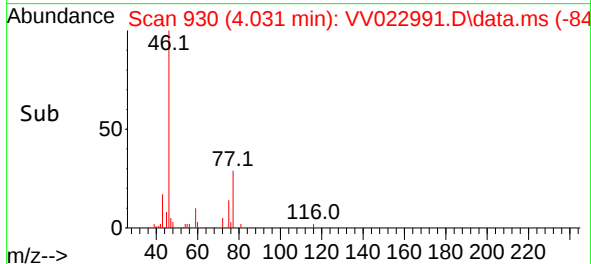
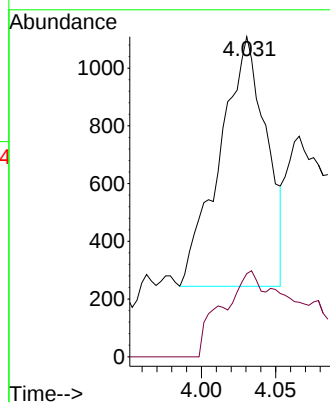
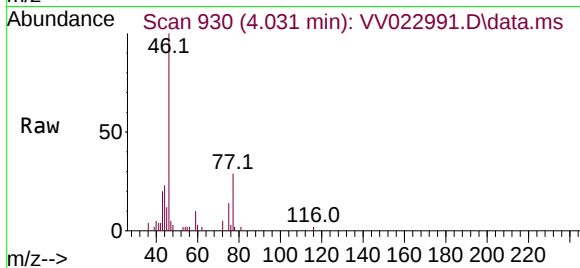
ClientSampleId :

Tgt Ion: 43 Resp: 1888

Ion Ratio Lower Upper

43 100

72 29.8 11.9 35.9



#35

Methylcyclohexane

Concen: 1.076 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.071 min

Lab File: VV022991.D

Acq: 22 Oct 2021 16:54

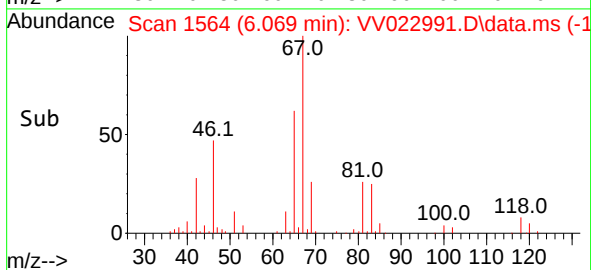
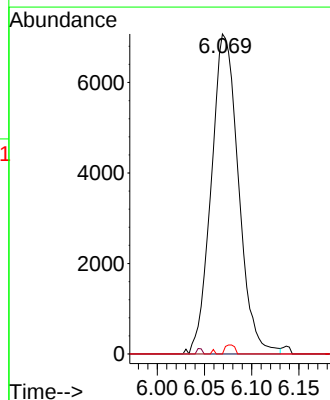
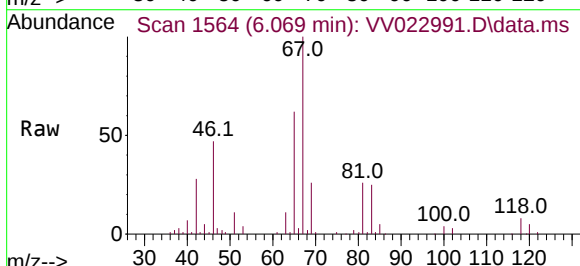
Tgt Ion: 83 Resp: 14185

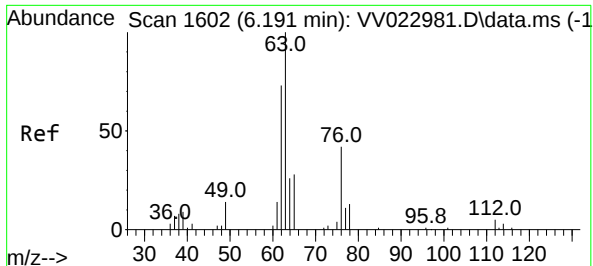
Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 1.0 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.676 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.119 min

Lab File: VV022991.D

Acq: 22 Oct 2021 16:54

Instrument :

MSVOA_V

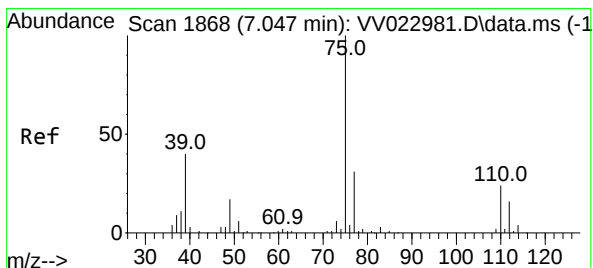
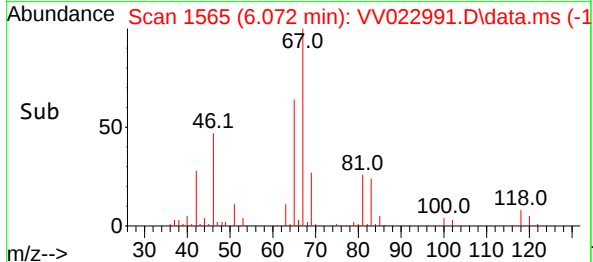
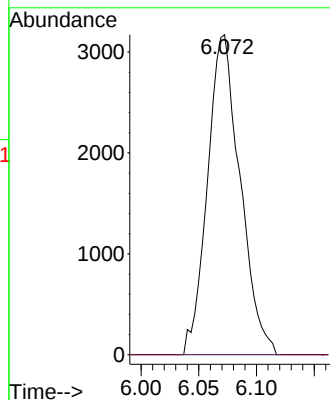
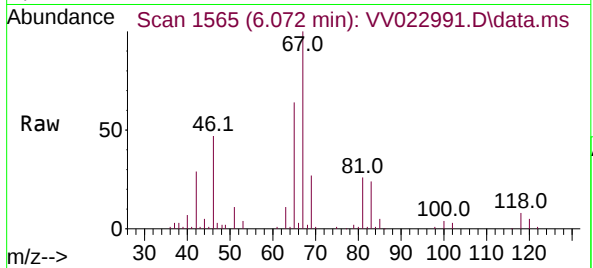
ClientSampleId :

Tgt Ion: 63 Resp: 6249

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.061 min

Lab File: VV022991.D

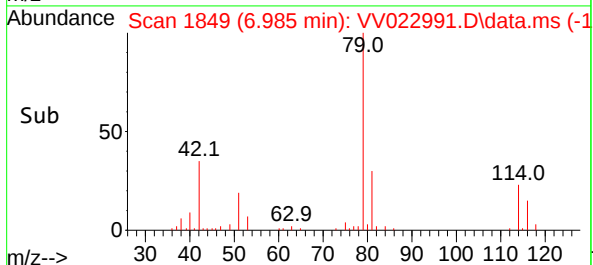
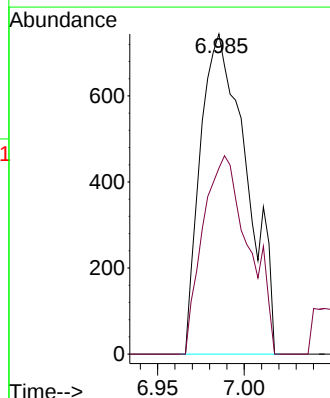
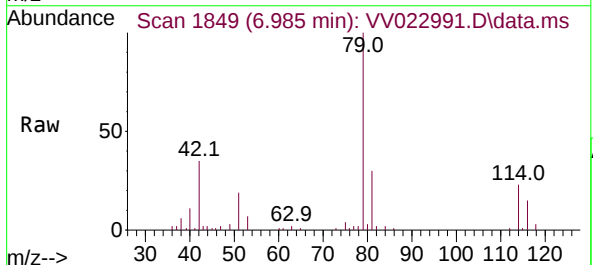
Acq: 22 Oct 2021 16:54

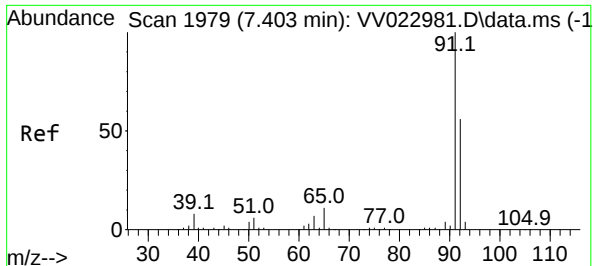
Tgt Ion: 75 Resp: 1379

Ion Ratio Lower Upper

75 100

77 58.1 21.6 40.2#

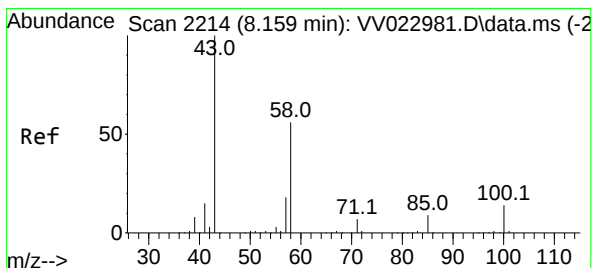
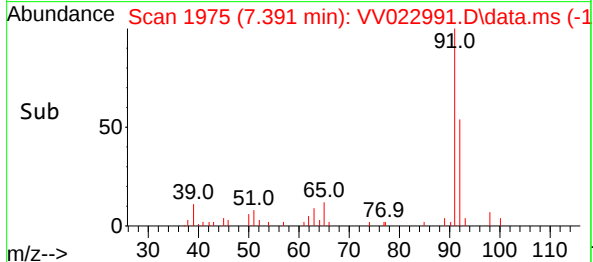
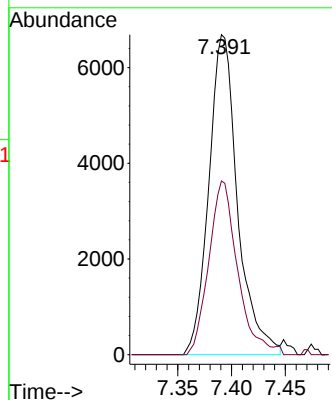
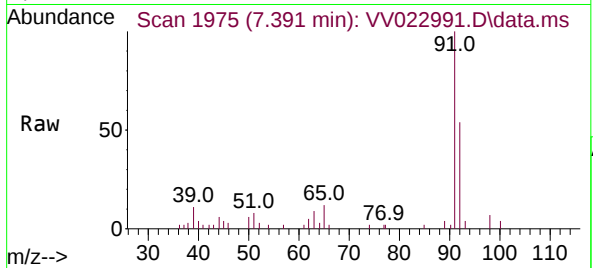




#42
Toluene
Concen: 0.335 ug/L
RT: 7.391 min Scan# 1979
Delta R.T. -0.013 min
Lab File: VV022991.D
Acq: 22 Oct 2021 16:54

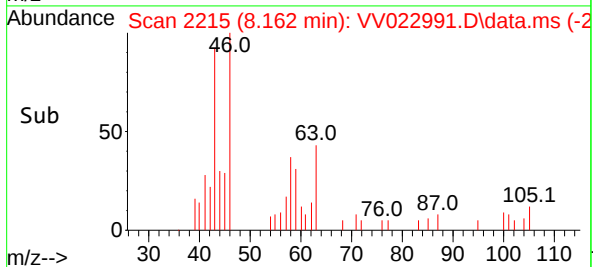
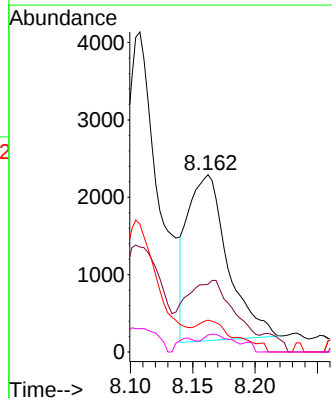
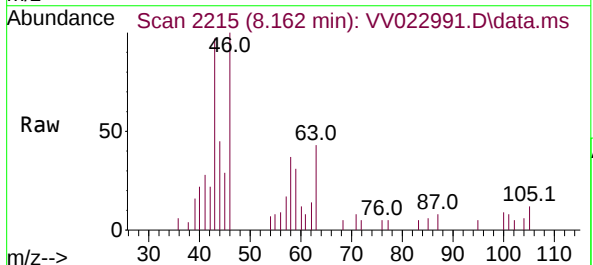
Instrument :
MSVOA_V
ClientSampleId :

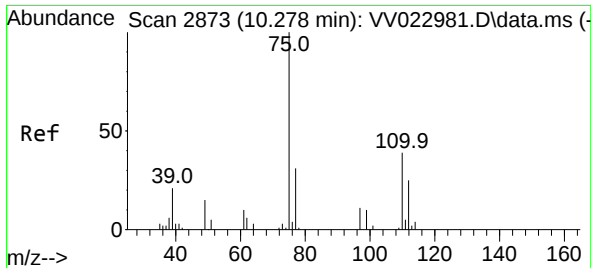
Tgt Ion: 91 Resp: 12425
Ion Ratio Lower Upper
91 100
92 54.3 39.3 72.9



#48
2-Hexanone
Concen: 1.482 ug/L
RT: 8.162 min Scan# 2215
Delta R.T. 0.003 min
Lab File: VV022991.D
Acq: 22 Oct 2021 16:54

Tgt Ion: 43 Resp: 4784
Ion Ratio Lower Upper
43 100
58 41.4 43.7 65.5#
57 18.0 14.1 21.1
100 4.1 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.575 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.971 min

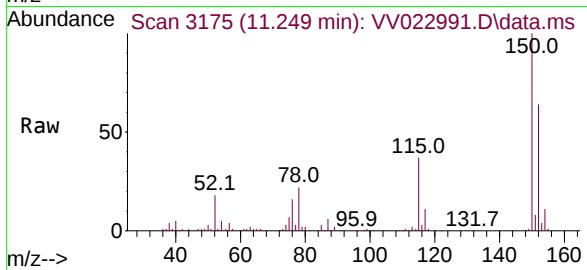
Lab File: VV022991.D

Acq: 22 Oct 2021 16:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	75	Resp:	5892
Ion	Ratio	Lower	Upper
75	100		
77	34.0	26.6	39.8
110	2.7	31.8	47.6#

