

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030222\
 Data File : VV024855.D
 Acq On : 02 Mar 2022 14:57
 Operator : SY/MD
 Sample : VV0302SBL02
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK202

Quant Time: Mar 03 03:06:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM030222SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 03 02:51:32 2022
 Response via : Initial Calibration

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

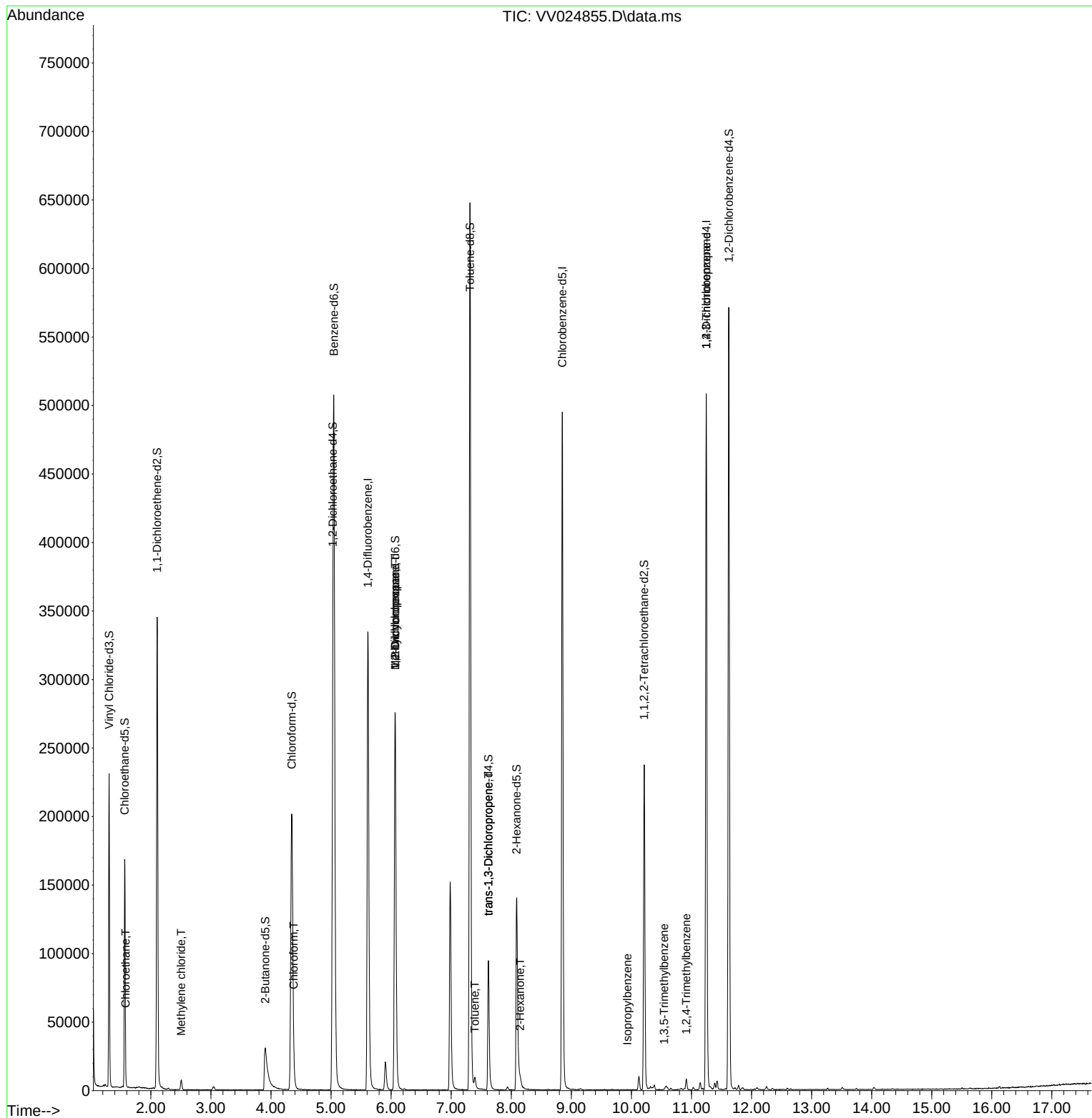
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	296821	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	272410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	127960	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	145154	27.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.280%
7) Chloroethane-d5	1.564	69	108434	27.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.720%
11) 1,1-Dichloroethene-d2	2.105	63	180435	21.435	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.720%
21) 2-Butanone-d5	3.905	46	74137	47.596	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.200%
24) Chloroform-d	4.346	84	217175	26.132	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.520%
26) 1,2-Dichloroethane-d4	5.030	65	120241	27.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.240%
32) Benzene-d6	5.047	84	474060	28.124	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.480%
36) 1,2-Dichloropropane-d6	6.066	67	142053	28.358	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.440%
41) Toluene-d8	7.313	98	423672	27.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.320%
43) trans-1,3-Dichloroprop...	7.619	79	58187	27.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.200%
47) 2-Hexanone-d5	8.088	63	54958	47.880	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	116734	26.406	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.640%
66) 1,2-Dichlorobenzene-d4	11.622	152	138634	28.093	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.360%
Target Compounds						Qvalue
8) Chloroethane	1.580	64	67	0.023	ug/L #	43
16) Methylene chloride	2.503	84	3220	0.726	ug/L	92
25) Chloroform	4.378	83	3525	0.488	ug/L	86
35) Methylcyclohexane	6.069	83	33361	4.475	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	14334	3.788	ug/L #	86
42) Toluene	7.394	91	6438	0.389	ug/L	95
44) trans-1,3-Dichloropropene	7.619	75	2379	0.476	ug/L #	82
48) 2-Hexanone	8.146	43	4960	2.462	ug/L #	75
60) Isopropylbenzene	9.934	105	127	0.008	ug/L #	54
61) 1,2,3-Trichloropropane	11.246	75	16719	5.345	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.545	105	334	0.026	ug/L #	61
63) 1,2,4-Trimethylbenzene	10.915	105	1300	0.093	ug/L #	54

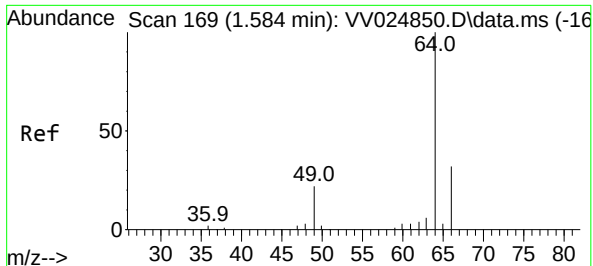
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030222\
Data File : VV024855.D
Acq On : 02 Mar 2022 14:57
Operator : SY/MD
Sample : VV0302SBL02
Misc : 5.00g/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK202

Quant Time: Mar 03 03:06:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM030222SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 03 02:51:32 2022
Response via : Initial Calibration

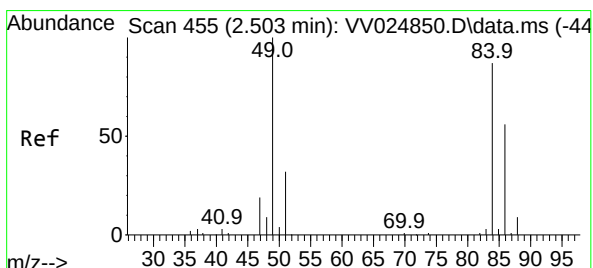
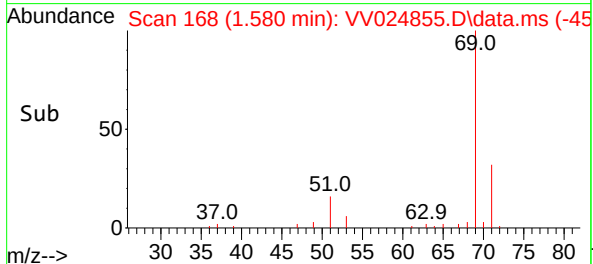
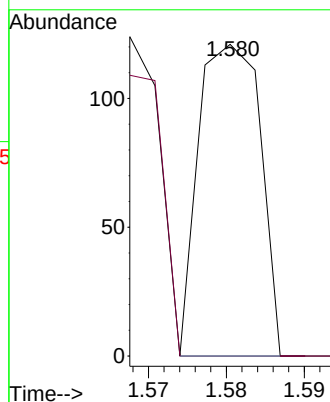
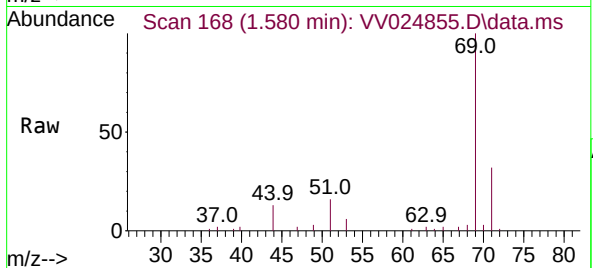




#8
Chloroethane
Concen: 0.023 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV024855.D
Acq: 02 Mar 2022 14:57

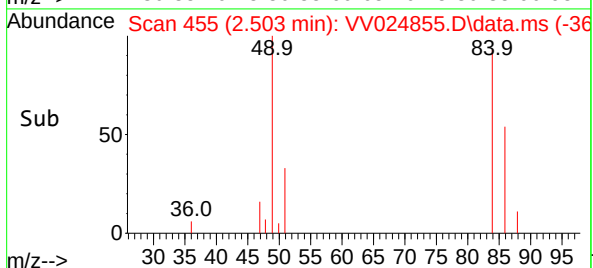
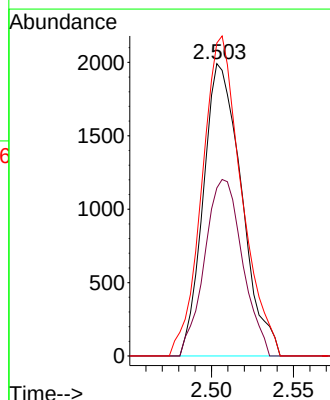
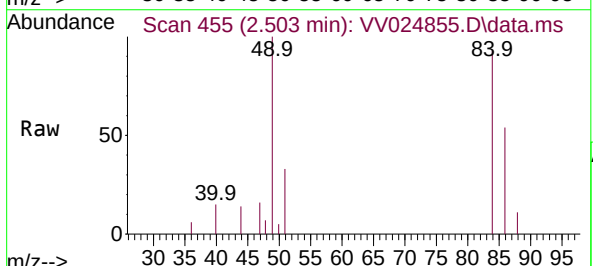
Instrument :
MSVOA_V
ClientSampleId :
VBLK202

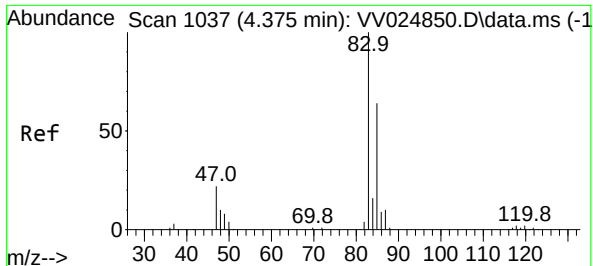
Tgt Ion: 64 Resp: 67
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.5#



#16
Methylene chloride
Concen: 0.726 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV024855.D
Acq: 02 Mar 2022 14:57

Tgt Ion: 84 Resp: 3220
Ion Ratio Lower Upper
84 100
86 57.5 45.0 83.6
49 107.0 80.4 149.2





#25

Chloroform

Concen: 0.488 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024855.D

Acq: 02 Mar 2022 14:57

Instrument :

MSVOA_V

ClientSampleId :

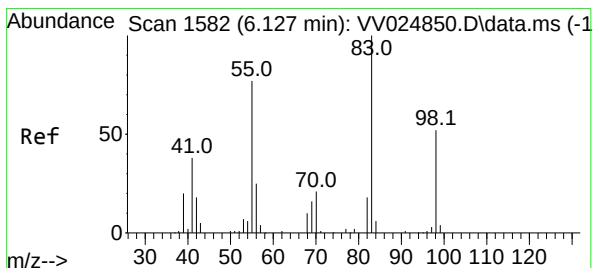
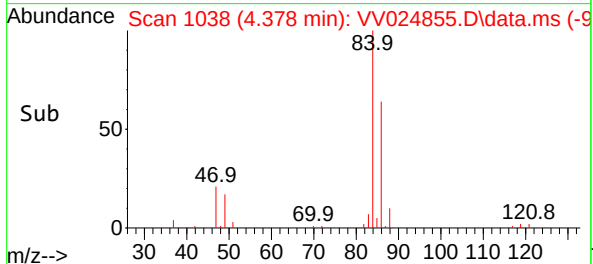
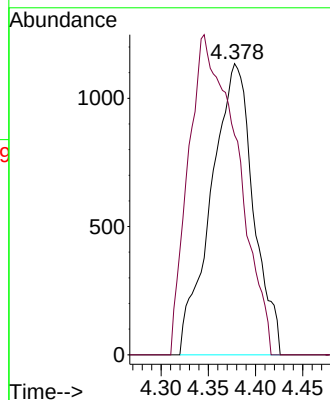
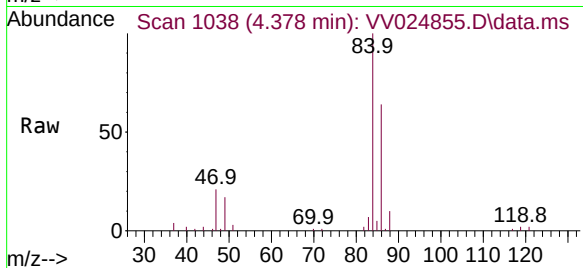
VBLK202

Tgt Ion: 83 Resp: 3525

Ion Ratio Lower Upper

83 100

85 75.4 45.1 83.9



#35

Methylcyclohexane

Concen: 4.475 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024855.D

Acq: 02 Mar 2022 14:57

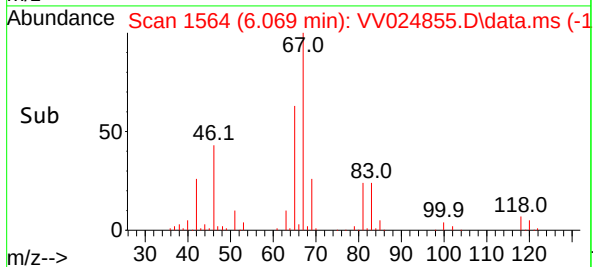
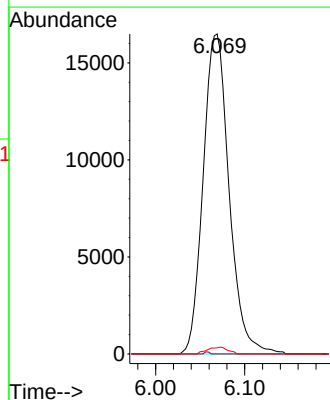
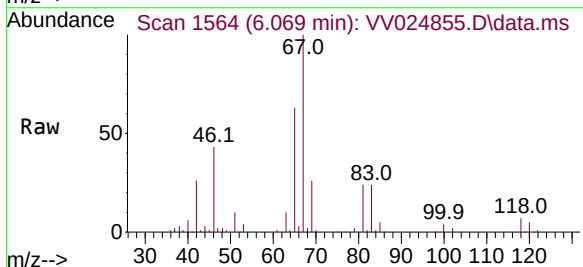
Tgt Ion: 83 Resp: 33361

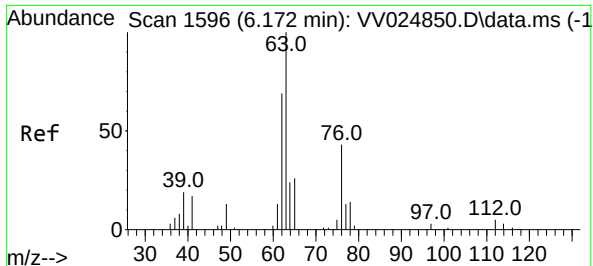
Ion Ratio Lower Upper

83 100

55 0.0 58.3 87.5#

98 0.9 39.2 58.8#





#37

1,2-Dichloropropane

Concen: 3.788 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024855.D

Acq: 02 Mar 2022 14:57

Instrument :

MSVOA_V

ClientSampleId :

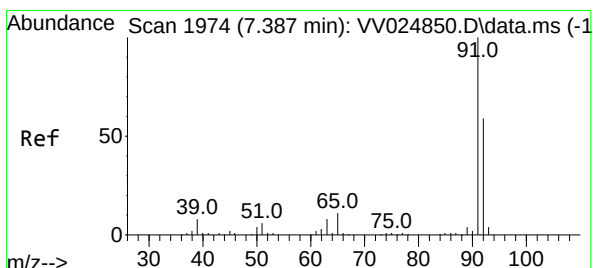
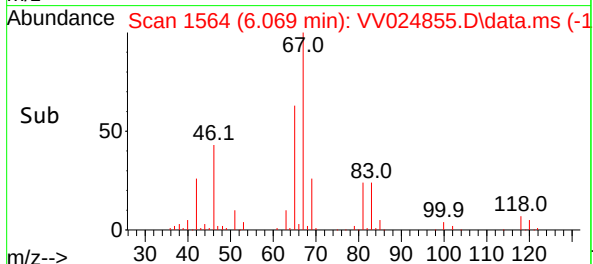
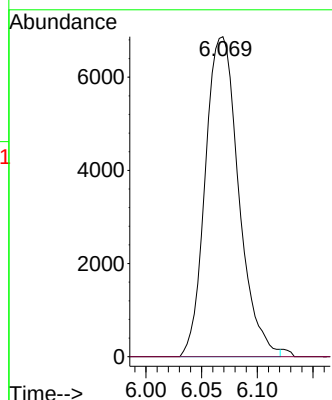
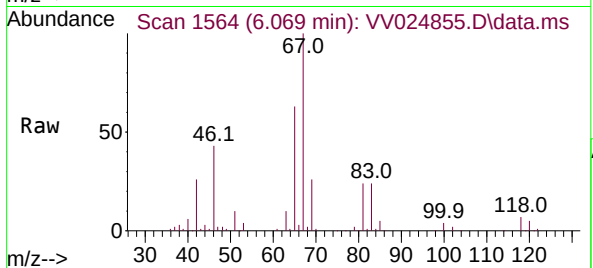
VBLK202

Tgt Ion: 63 Resp: 14334

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#42

Toluene

Concen: 0.389 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV024855.D

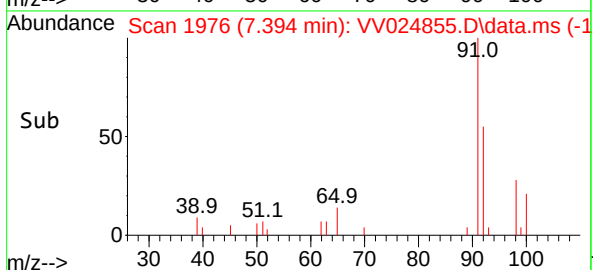
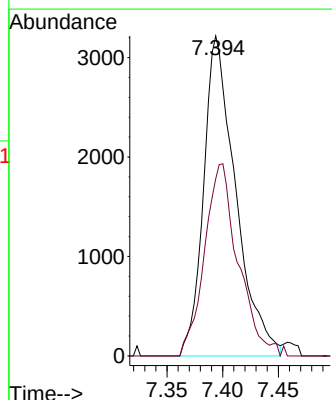
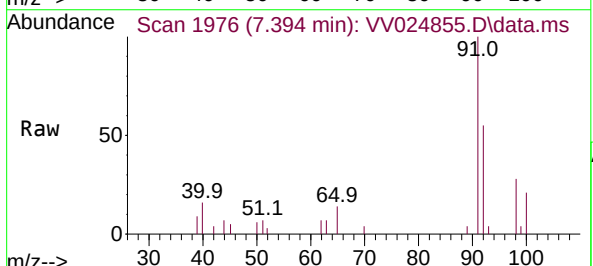
Acq: 02 Mar 2022 14:57

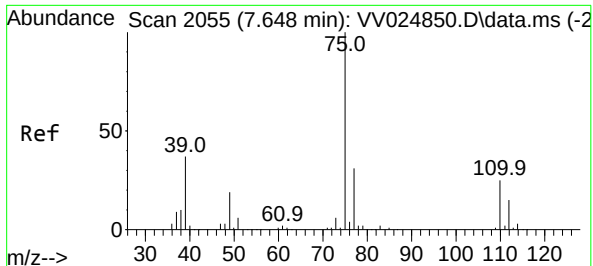
Tgt Ion: 91 Resp: 6438

Ion Ratio Lower Upper

91 100

92 55.3 41.2 76.6

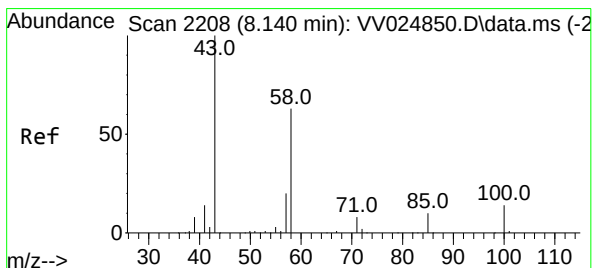
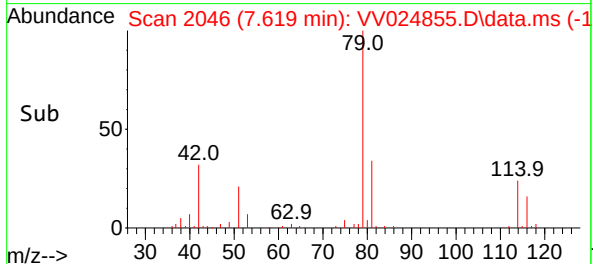
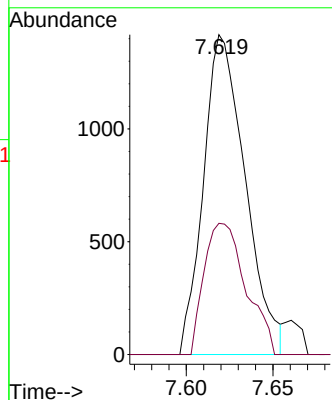
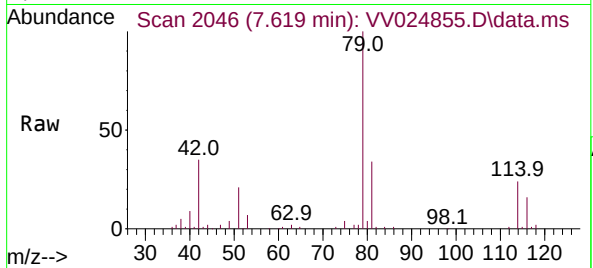




#44
trans-1,3-Dichloropropene
Concen: 0.476 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.029 min
Lab File: VV024855.D
Acq: 02 Mar 2022 14:57

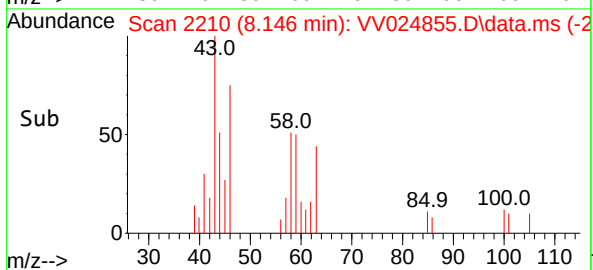
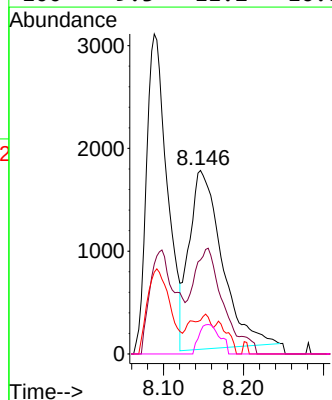
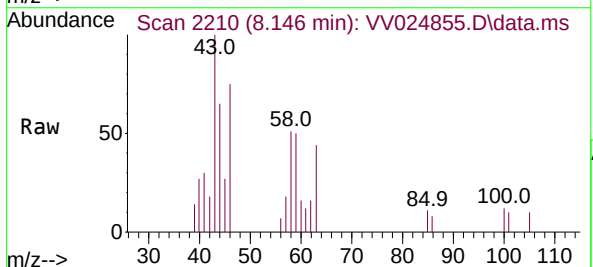
Instrument :
MSVOA_V
ClientSampleId :
VBLK202

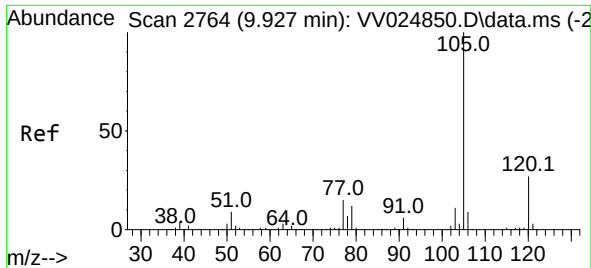
Tgt Ion: 75 Resp: 2379
Ion Ratio Lower Upper
75 100
77 41.0 21.6 40.2#



#48
2-Hexanone
Concen: 2.462 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV024855.D
Acq: 02 Mar 2022 14:57

Tgt Ion: 43 Resp: 4960
Ion Ratio Lower Upper
43 100
58 39.9 47.6 71.4#
57 7.0 17.0 25.6#
100 9.3 11.2 16.8#

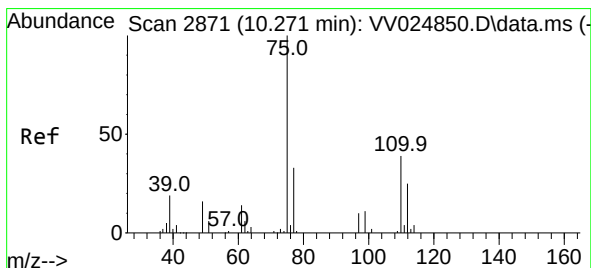
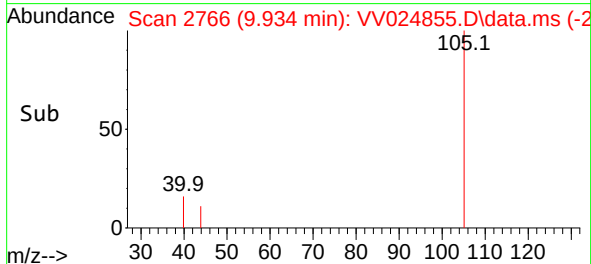
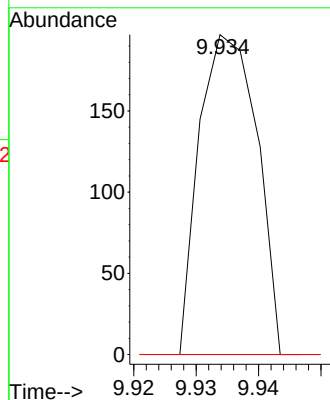
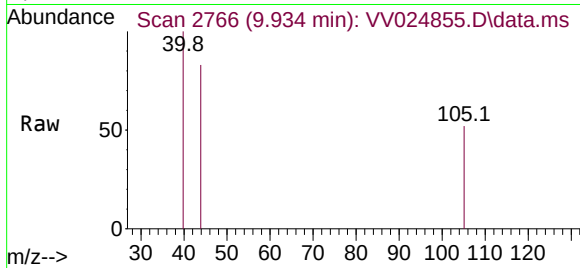




#60
Isopropylbenzene
Concen: 0.008 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV024855.D
Acq: 02 Mar 2022 14:57

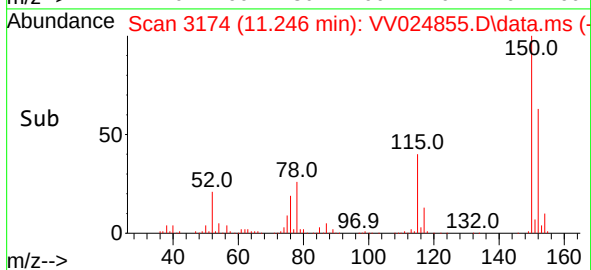
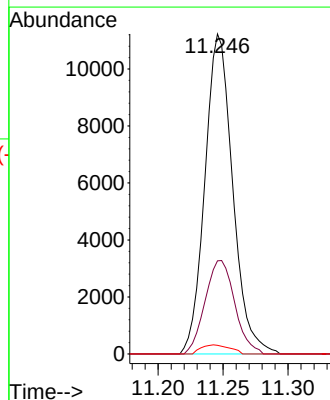
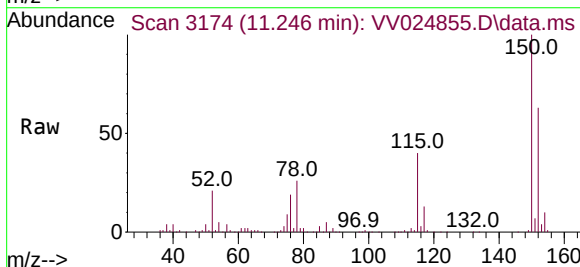
Instrument :
MSVOA_V
ClientSampleId :
VBLK202

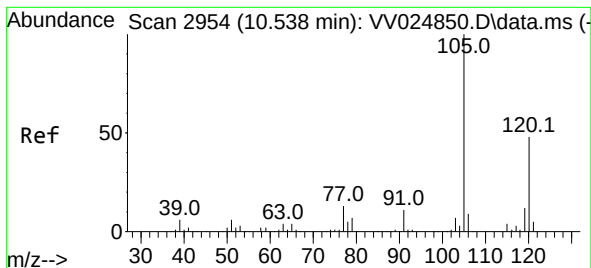
Tgt Ion:105 Resp: 127
Ion Ratio Lower Upper
105 100
120 0.0 20.8 31.2#
77 0.0 12.4 18.6#



#61
1,2,3-Trichloropropane
Concen: 5.345 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV024855.D
Acq: 02 Mar 2022 14:57

Tgt Ion: 75 Resp: 16719
Ion Ratio Lower Upper
75 100
77 31.1 26.7 40.1
110 2.9 31.4 47.2#





#62

1,3,5-Trimethylbenzene

Concen: 0.026 ug/L

RT: 10.545 min Scan# 2954

Delta R.T. 0.006 min

Lab File: VV024855.D

Acq: 02 Mar 2022 14:57

Instrument :

MSVOA_V

ClientSampleId :

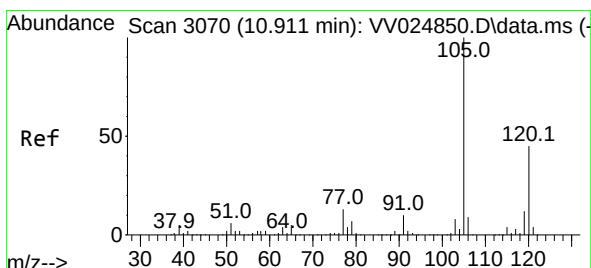
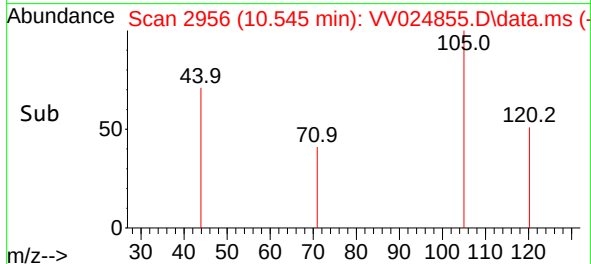
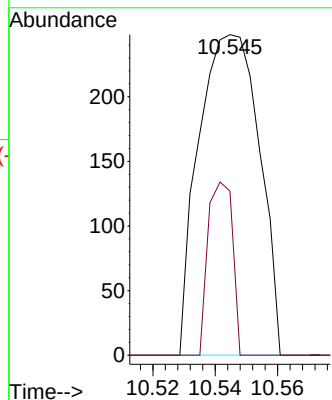
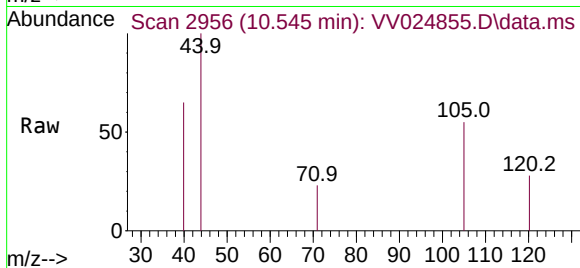
VBLK202

Tgt Ion:105 Resp: 334

Ion Ratio Lower Upper

105 100

120 21.9 38.5 57.7#



#63

1,2,4-Trimethylbenzene

Concen: 0.093 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024855.D

Acq: 02 Mar 2022 14:57

Tgt Ion:105 Resp: 1300

Ion Ratio Lower Upper

105 100

120 15.0 35.8 53.8#

