

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021022\
 Data File : VW024581.D
 Acq On : 10 Feb 2022 20:23
 Operator : SY/MD
 Sample : N1475-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 23:58:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 23:54:44 2022
 Response via : Initial Calibration

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

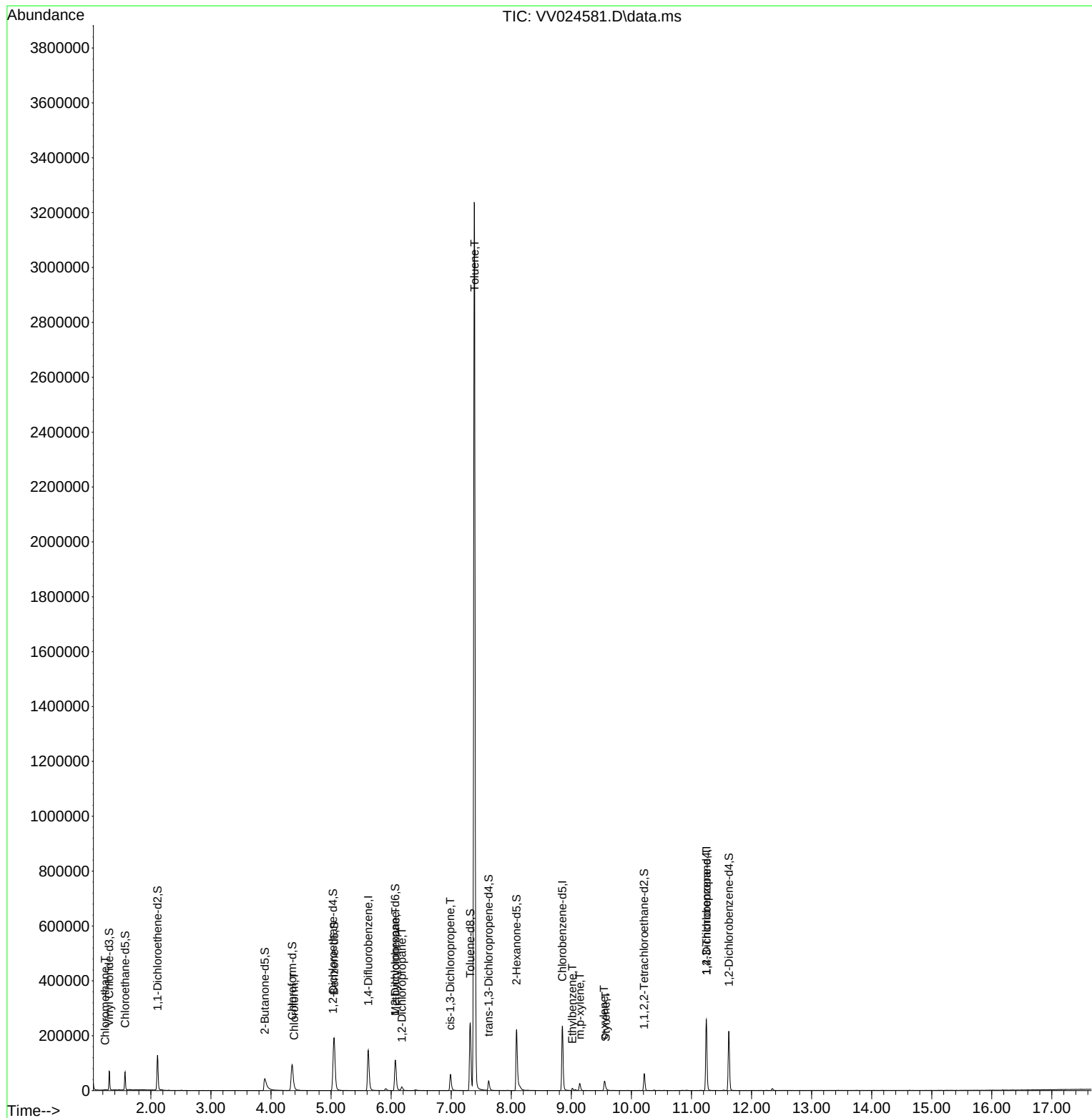
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125915	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	124294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62133	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41720	3.953	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.571	69	39579	4.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.111	63	68613	2.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.400%#
20) 2-Butanone-d5	3.899	46	91971	52.490	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.980%
24) Chloroform-d	4.352	84	86938	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.034	65	42472	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.053	84	176165	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.069	67	54589	4.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.317	98	158813	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.625	79	20100	4.538	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.088	63	79260	50.789	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30439	4.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	50227	5.015	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
3) Chloromethane	1.240	50	621	0.038	ug/L	98
25) Chloroform	4.384	83	4784	0.207	ug/L	98
35) Methylcyclohexane	6.072	83	12839	0.581	ug/L #	26
37) 1,2-Dichloropropane	6.178	63	5556	0.473	ug/L #	96
39) cis-1,3-Dichloropropene	6.985	75	1730	0.097	ug/L #	67
42) Toluene	7.387	91	2285161	43.243	ug/L	99
52) Ethylbenzene	9.018	91	6383	0.109	ug/L	90
53) m,p-xylene	9.143	106	7767	0.349	ug/L	95
54) o-xylene	9.545	106	2489	0.116	ug/L	83
55) Styrene	9.571	104	3727	0.106	ug/L	95
61) 1,2,3-Trichloropropane	11.249	75	9003	1.470	ug/L #	63

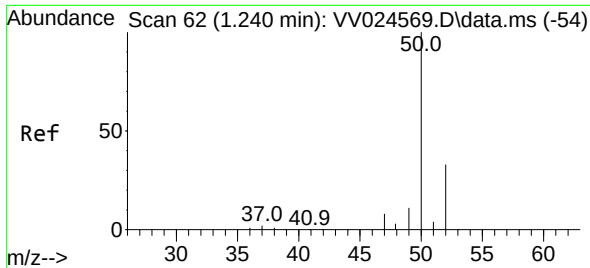
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

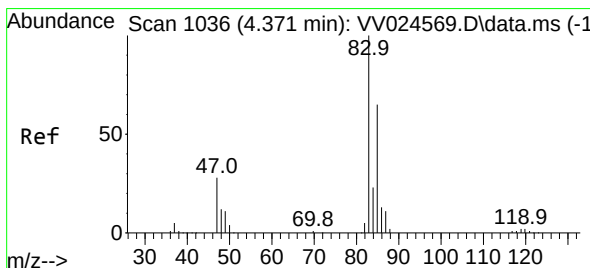
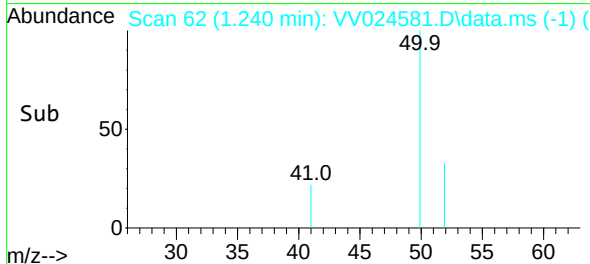
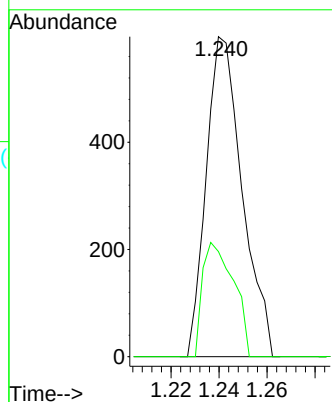
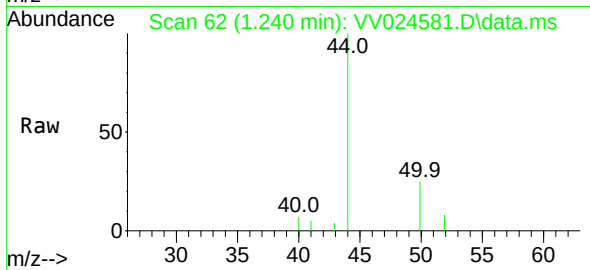




#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV024581.D
Acq: 10 Feb 2022 20:23

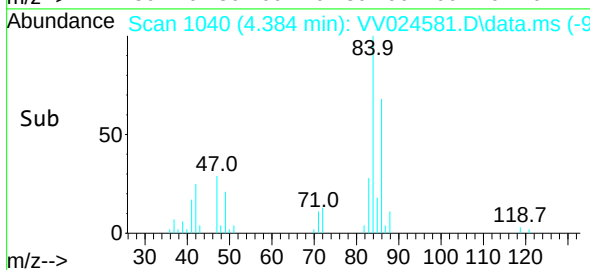
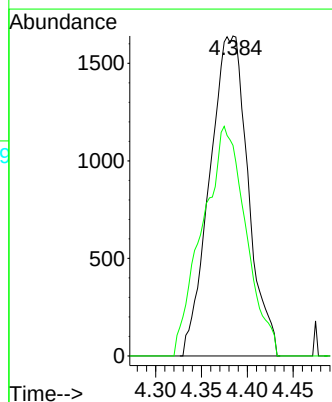
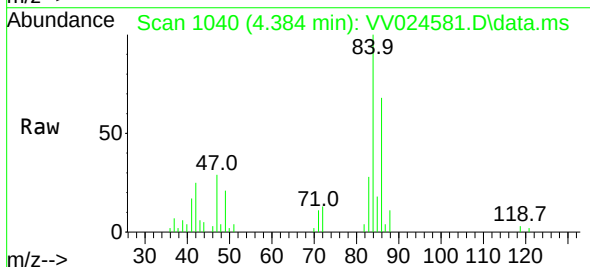
Instrument :
MSVOA_V
ClientSampleId :

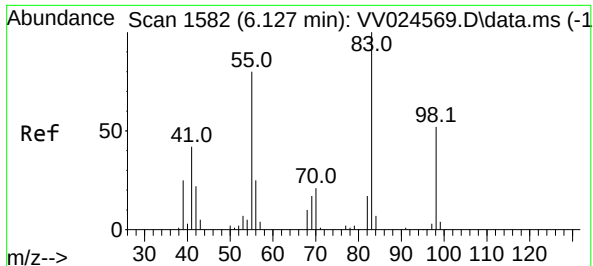
Tgt Ion: 50 Resp: 621
Ion Ratio Lower Upper
50 100
52 32.8 22.0 41.0



#25
Chloroform
Concen: 0.207 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.013 min
Lab File: VV024581.D
Acq: 10 Feb 2022 20:23

Tgt Ion: 83 Resp: 4784
Ion Ratio Lower Upper
83 100
85 65.8 45.2 84.0





#35

Methylcyclohexane

Concen: 0.581 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV024581.D

Acq: 10 Feb 2022 20:23

Instrument :

MSVOA_V

ClientSampleId :

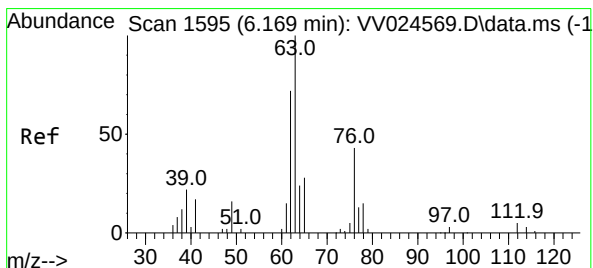
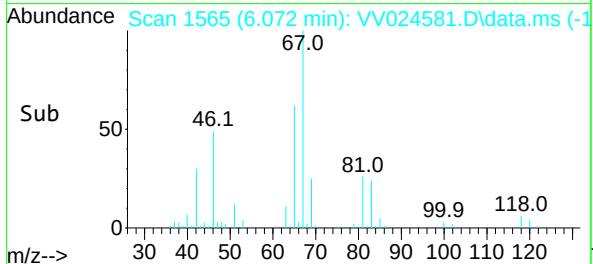
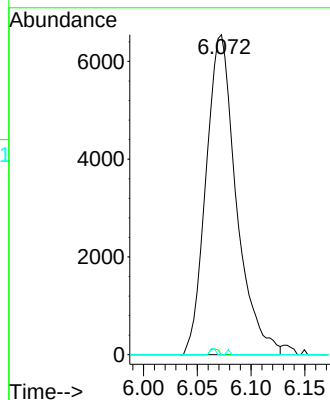
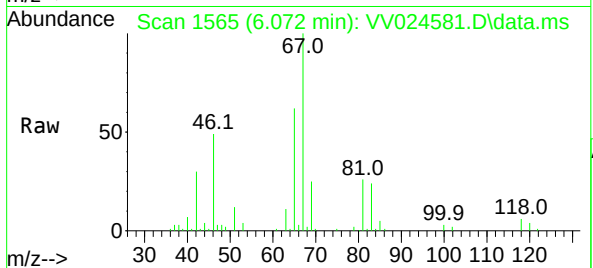
Tgt Ion: 83 Resp: 12839

Ion Ratio Lower Upper

83 100

55 0.5 60.2 90.2#

98 12.7 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.473 ug/L

RT: 6.178 min Scan# 1598

Delta R.T. 0.010 min

Lab File: VV024581.D

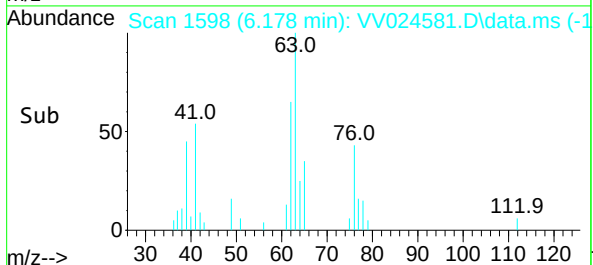
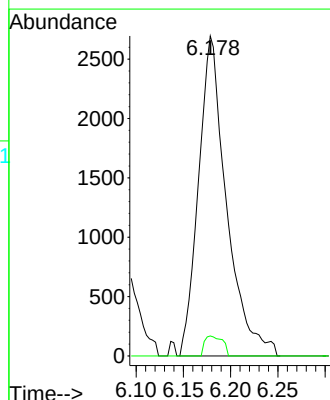
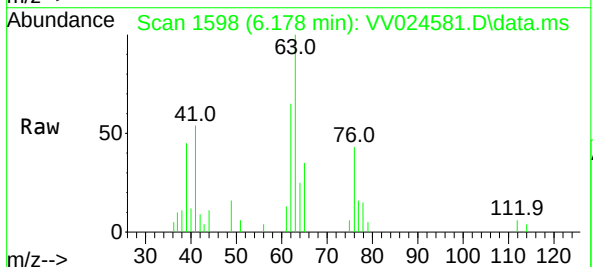
Acq: 10 Feb 2022 20:23

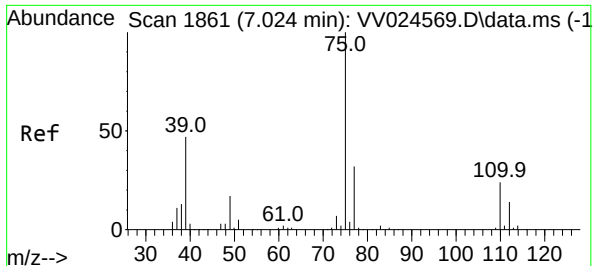
Tgt Ion: 63 Resp: 5556

Ion Ratio Lower Upper

63 100

112 4.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV024581.D

Acq: 10 Feb 2022 20:23

Instrument :

MSVOA_V

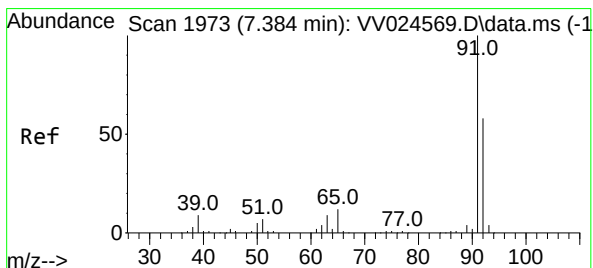
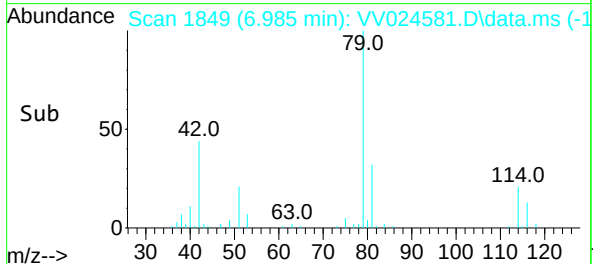
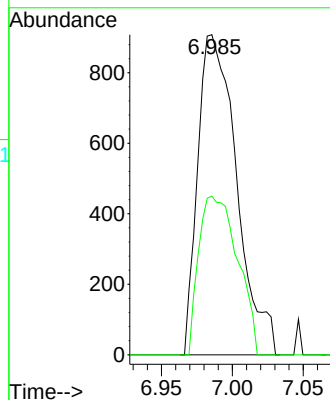
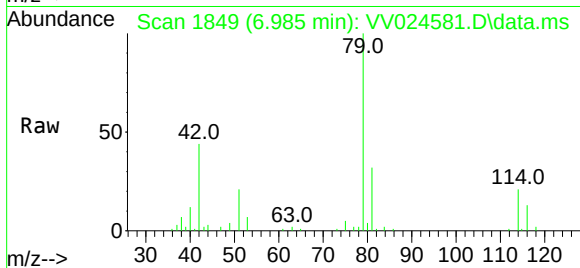
ClientSampleId :

Tgt Ion: 75 Resp: 1730

Ion Ratio Lower Upper

75 100

77 49.6 22.0 41.0#



#42

Toluene

Concen: 43.243 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV024581.D

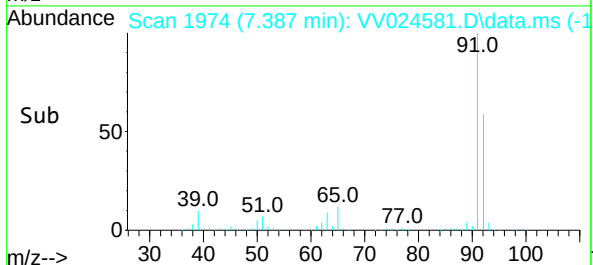
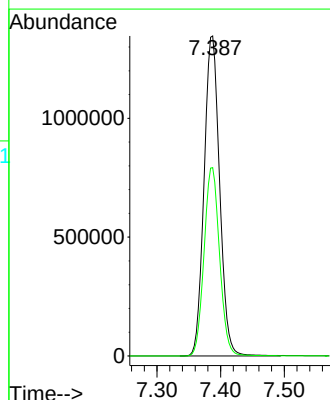
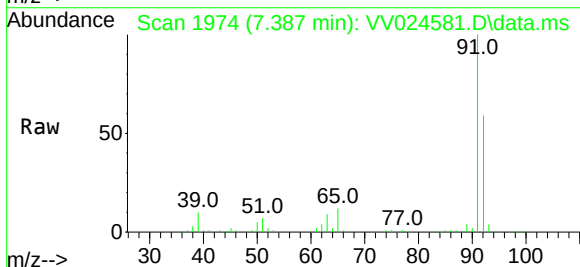
Acq: 10 Feb 2022 20:23

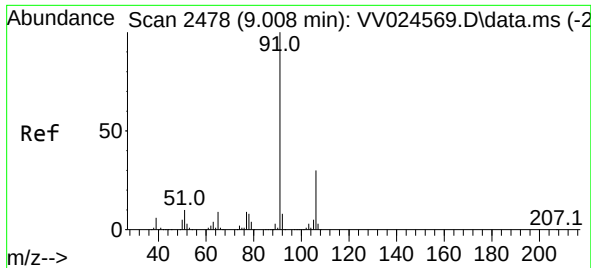
Tgt Ion: 91 Resp: 2285161

Ion Ratio Lower Upper

91 100

92 58.8 41.5 77.1

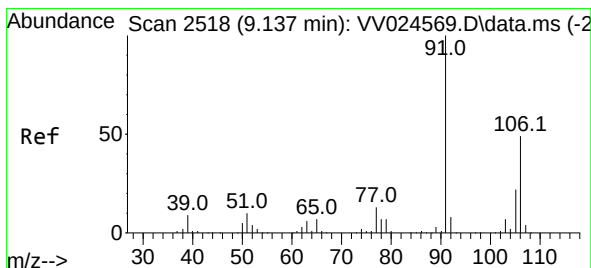
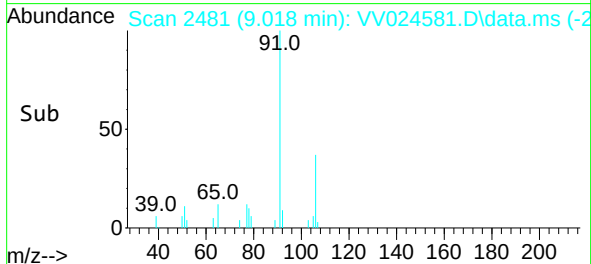
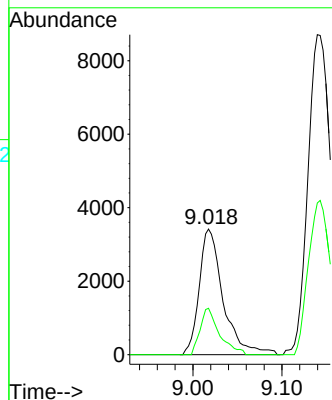
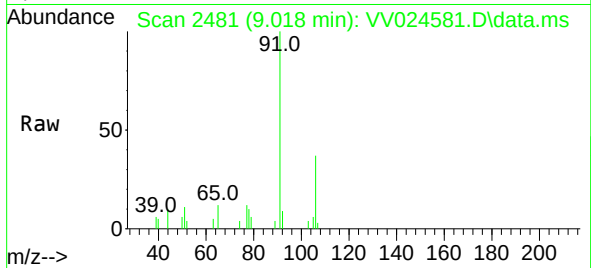




#52
Ethylbenzene
Concen: 0.109 ug/L
RT: 9.018 min Scan# 24
Delta R.T. 0.010 min
Lab File: VV024581.D
Acq: 10 Feb 2022 20:23

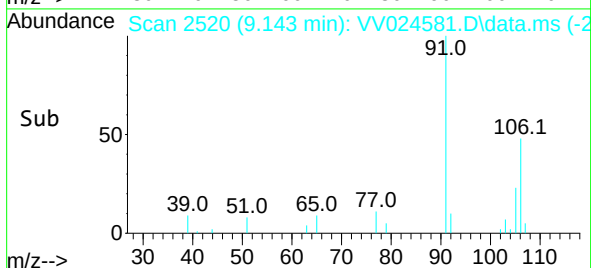
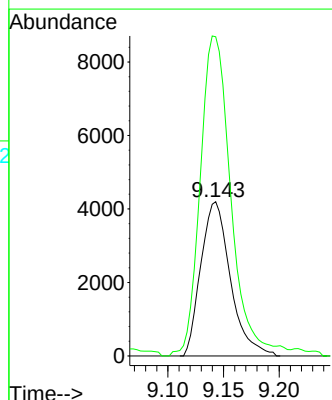
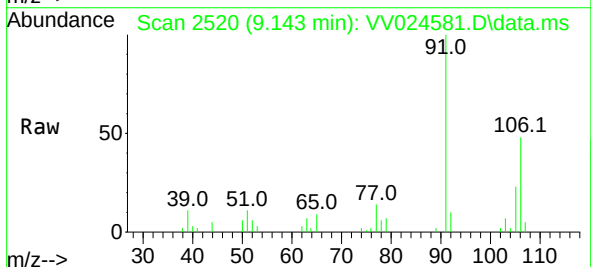
Instrument :
MSVOA_V
ClientSampleId :

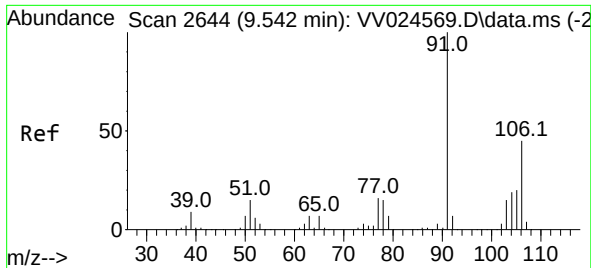
Tgt Ion: 91 Resp: 6383
Ion Ratio Lower Upper
91 100
106 37.0 22.0 41.0



#53
m,p-xylene
Concen: 0.349 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV024581.D
Acq: 10 Feb 2022 20:23

Tgt Ion: 106 Resp: 7767
Ion Ratio Lower Upper
106 100
91 206.8 139.5 259.1

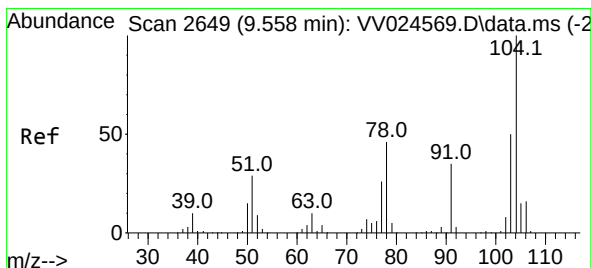
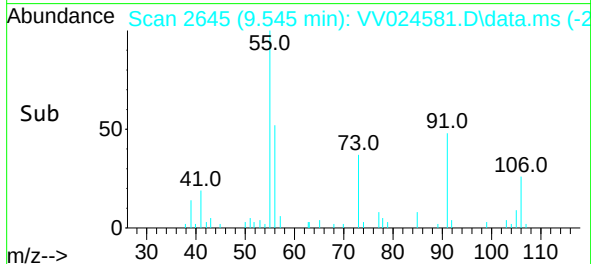
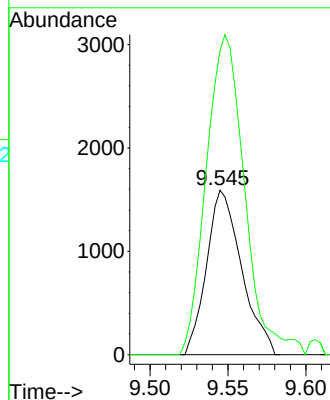
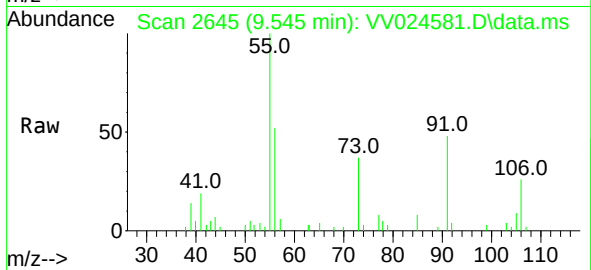




#54
o-xylene
Concen: 0.116 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024581.D
Acq: 10 Feb 2022 20:23

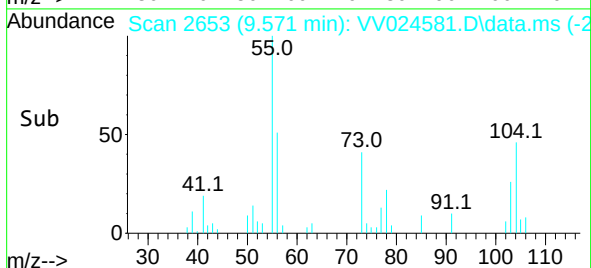
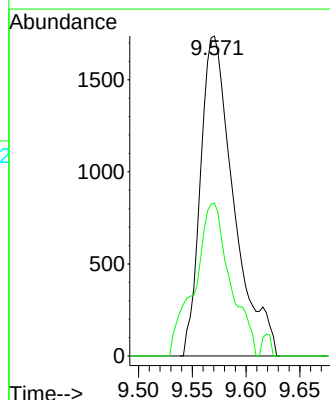
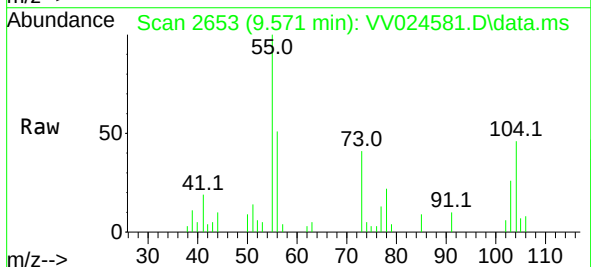
Instrument :
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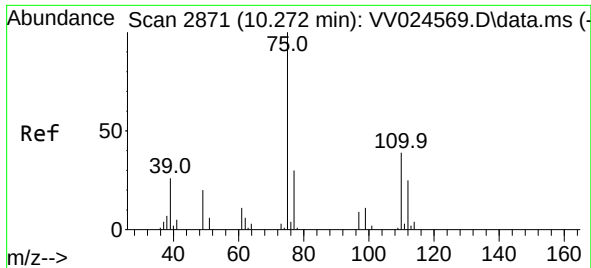
Tgt Ion:106 Resp: 2489
Ion Ratio Lower Upper
106 100
91 185.1 147.9 274.7



#55
Styrene
Concen: 0.106 ug/L
RT: 9.571 min Scan# 2653
Delta R.T. 0.013 min
Lab File: VV024581.D
Acq: 10 Feb 2022 20:23

Tgt Ion:104 Resp: 3727
Ion Ratio Lower Upper
104 100
78 47.8 31.0 57.6





#61

1,2,3-Trichloropropane

Concen: 1.470 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

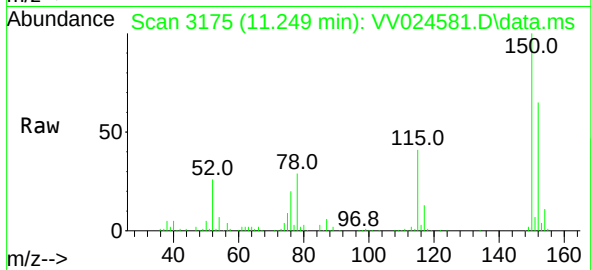
Lab File: VV024581.D

Acq: 10 Feb 2022 20:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 9003

Ion Ratio Lower Upper

75 100

77 32.3 26.4 39.6

110 1.8 34.2 51.2#

