

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022122\
 Data File : VW024785.D
 Acq On : 21 Feb 2022 19:02
 Operator : SY/MD
 Sample : N1623-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 03:31:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	163405	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	150366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46834	3.379	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.571	69	42720	3.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.111	63	64490	2.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.800%#
20) 2-Butanone-d5	3.889	46	95092	48.033	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.060%
24) Chloroform-d	4.352	84	93691	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.034	65	42454	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.053	84	179486	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.069	67	57901	4.536	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.317	98	152496	3.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	7.625	79	17452	4.104	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.088	63	75141	44.904	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34575	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	51609	4.460	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
25) Chloroform	4.378	83	61291	2.578	ug/L	98
27) 1,2-Dichloroethane	5.053	62	1011	0.080	ug/L #	73
33) Benzene	5.104	78	2458	0.048	ug/L	100
35) Methylcyclohexane	6.130	83	1446	0.066	ug/L	94
37) 1,2-Dichloropropane	6.069	63	5967	0.496	ug/L #	86
38) Bromodichloromethane	6.510	83	91269	6.028	ug/L	98
39) cis-1,3-Dichloropropene	6.989	75	1429	0.086	ug/L #	62
42) Toluene	7.394	91	20183	0.372	ug/L	98
49) Dibromochloromethane	8.246	129	72695	8.372	ug/L	100
52) Ethylbenzene	9.021	91	5309	0.090	ug/L	99
53) m,p-xylene	9.143	106	4691	0.210	ug/L	89
54) o-xylene	9.545	106	2470	0.113	ug/L	81
59) Bromoform	9.731	173	12339	3.644	ug/L	100
60) Isopropylbenzene	10.741	105	2956	0.053	ug/L	93
61) 1,2,3-Trichloropropane	11.246	75	8997	1.484	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.915	105	13806	0.299	ug/L	93
63) 1,2,4-Trimethylbenzene	10.915	105	13806	0.302	ug/L	98

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

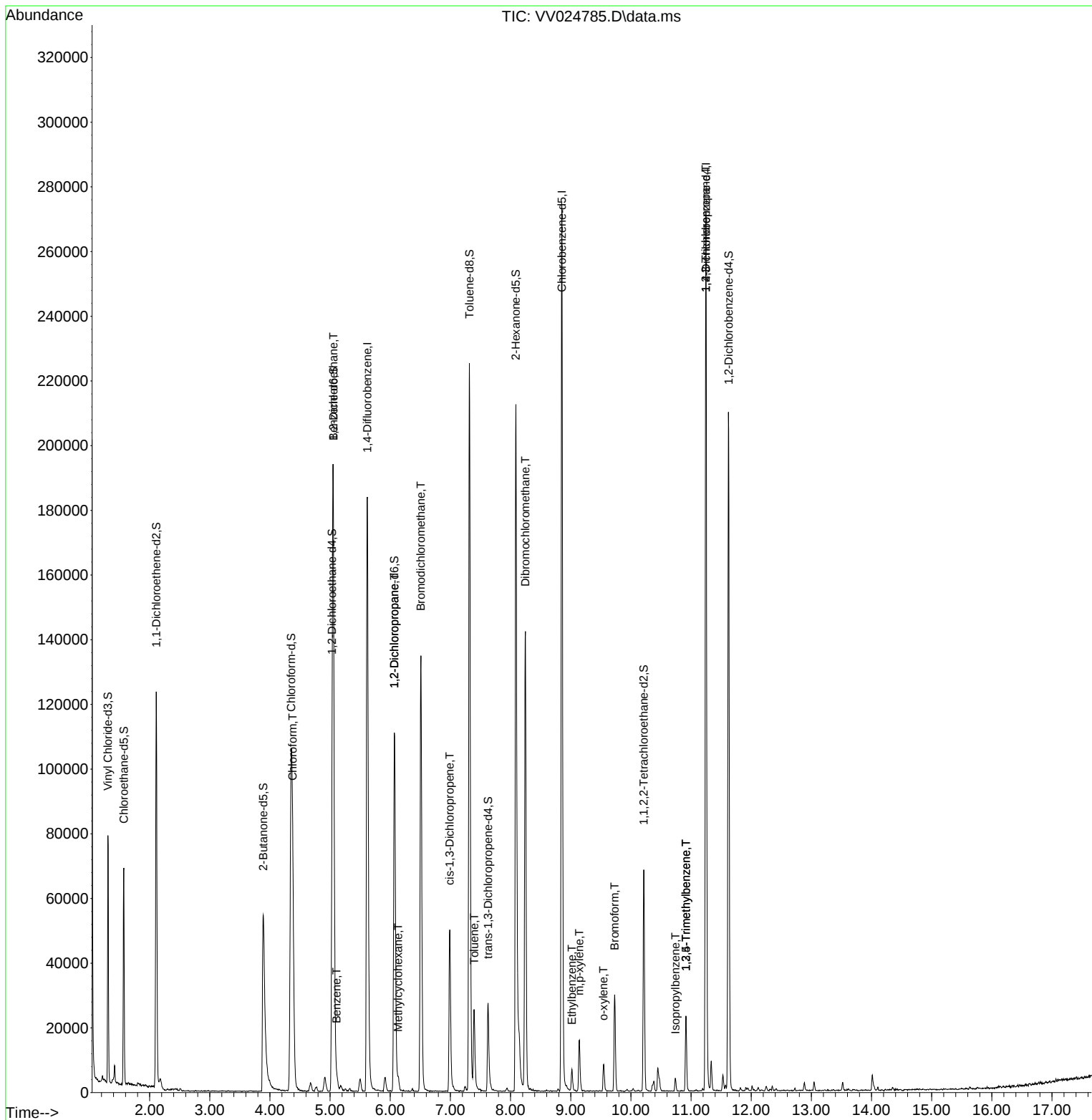
Instrument :
MSVOA_V
ClientSampleId :

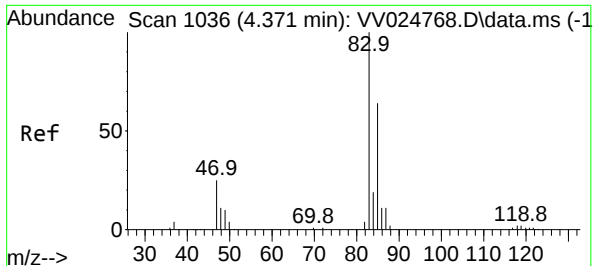
Quant Time: Feb 22 03:31:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 22 03:27:30 2022
Response via : Initial Calibration

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

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

Quant Time: Feb 22 03:31:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 22 03:27:30 2022
Response via : Initial Calibration





#25

Chloroform

Concen: 2.578 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV024785.D

Acq: 21 Feb 2022 19:02

Instrument :

MSVOA_V

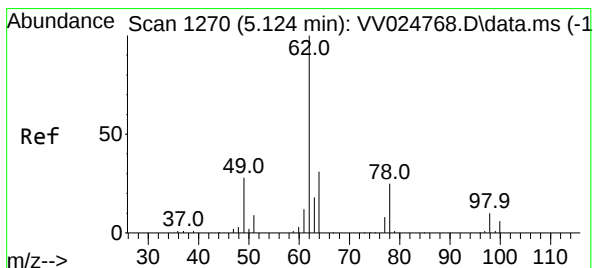
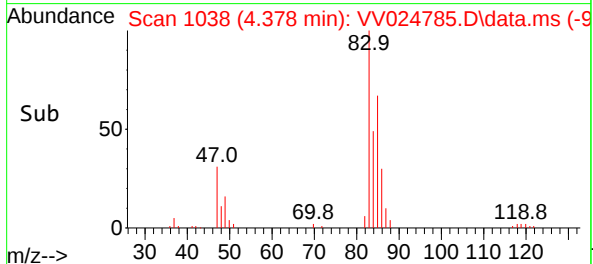
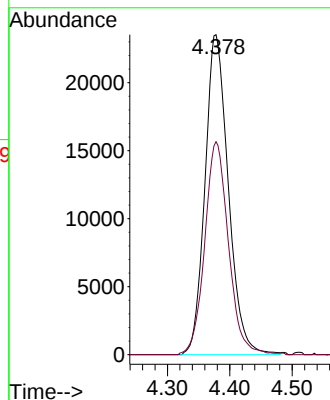
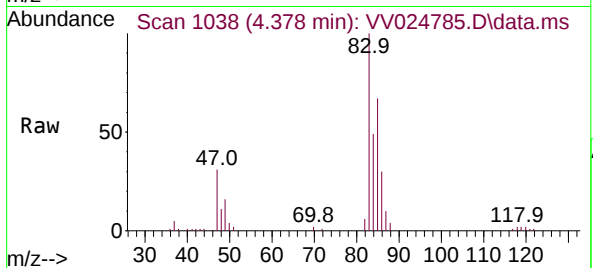
ClientSampleId :

Tgt Ion: 83 Resp: 61291

Ion Ratio Lower Upper

83 100

85 66.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.080 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.071 min

Lab File: VV024785.D

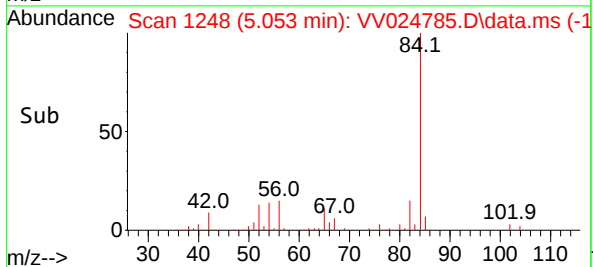
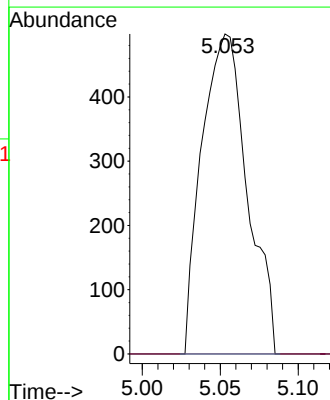
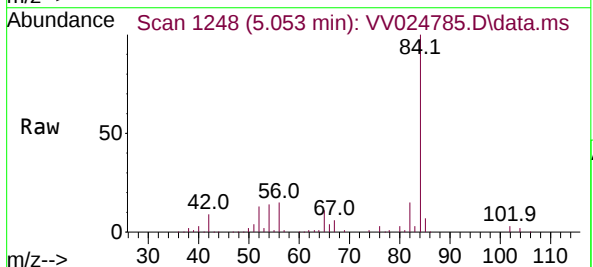
Acq: 21 Feb 2022 19:02

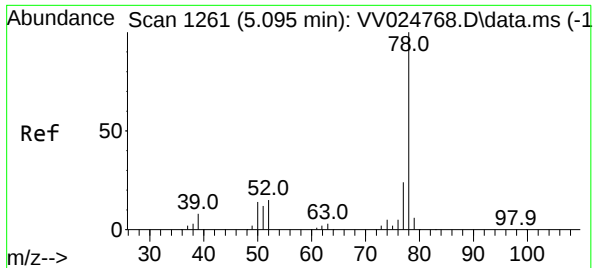
Tgt Ion: 62 Resp: 1011

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#

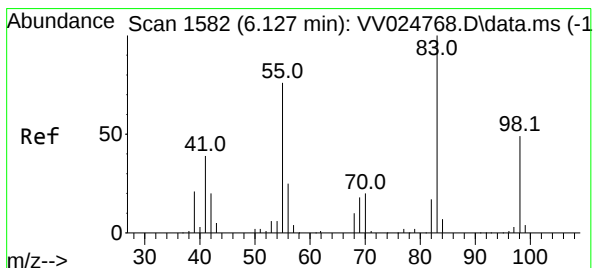
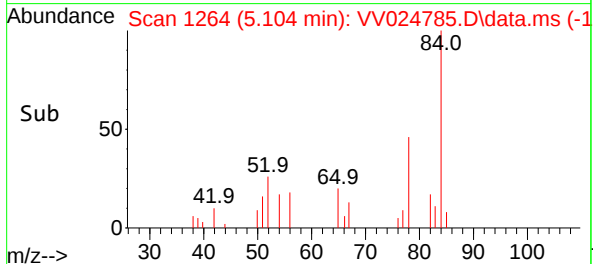
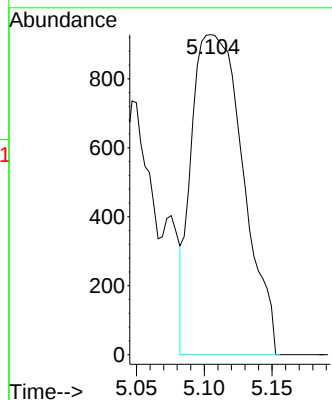
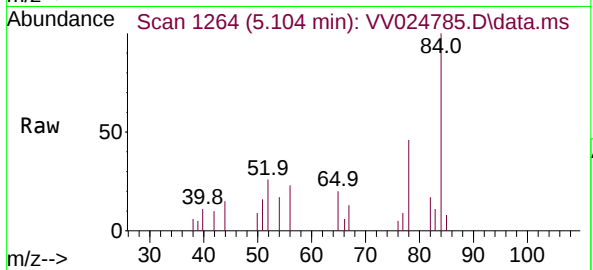




#33
Benzene
Concen: 0.048 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

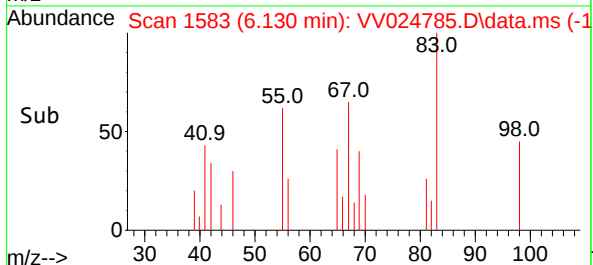
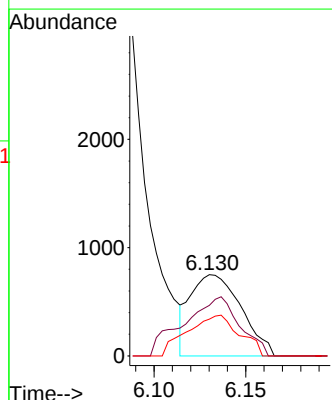
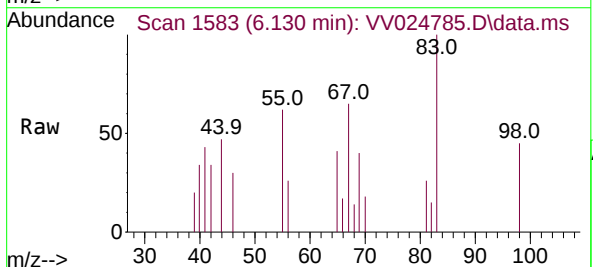
Instrument :
MSVOA_V
ClientSampleId :

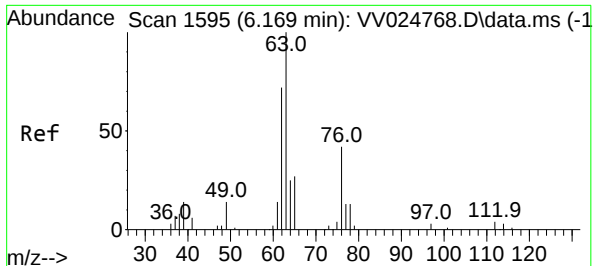
Tgt Ion: 78 Resp: 2458



#35
Methylcyclohexane
Concen: 0.066 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

Tgt Ion: 83 Resp: 1446
Ion Ratio Lower Upper
83 100
55 79.9 58.8 88.2
98 51.5 38.6 58.0





#37

1,2-Dichloropropane

Concen: 0.496 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024785.D

Acq: 21 Feb 2022 19:02

Instrument :

MSVOA_V

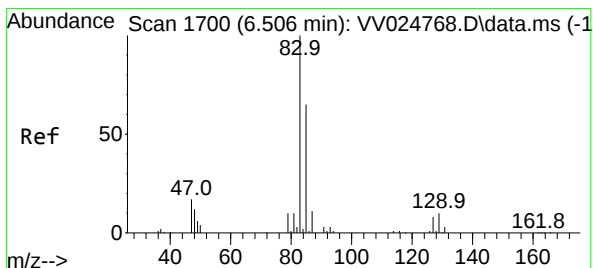
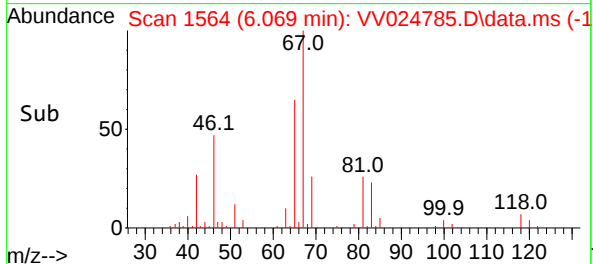
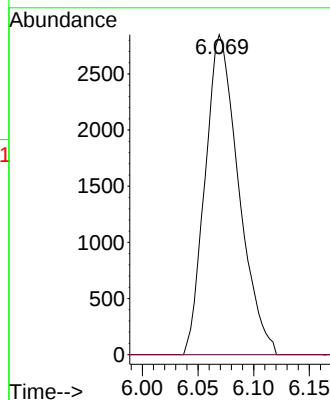
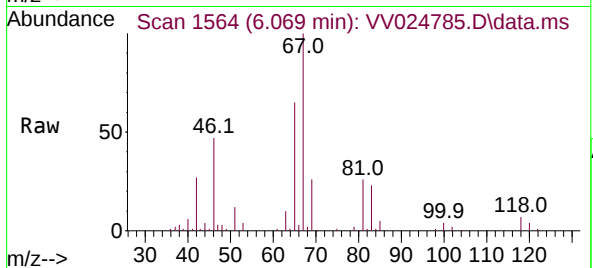
ClientSampleId :

Tgt Ion: 63 Resp: 5967

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#38

Bromodichloromethane

Concen: 6.028 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024785.D

Acq: 21 Feb 2022 19:02

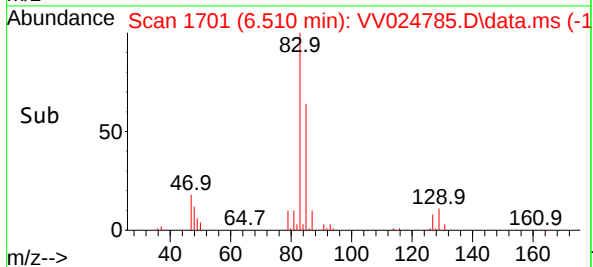
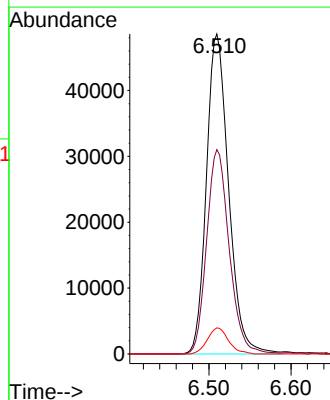
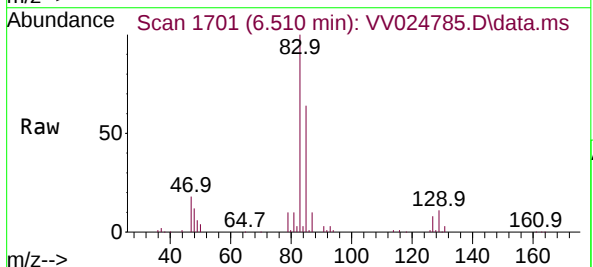
Tgt Ion: 83 Resp: 91269

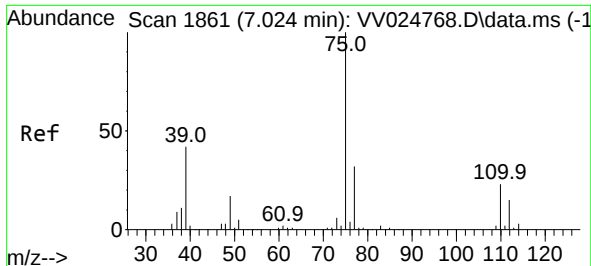
Ion Ratio Lower Upper

83 100

85 63.9 43.5 80.9

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024785.D

Acq: 21 Feb 2022 19:02

Instrument :

MSVOA_V

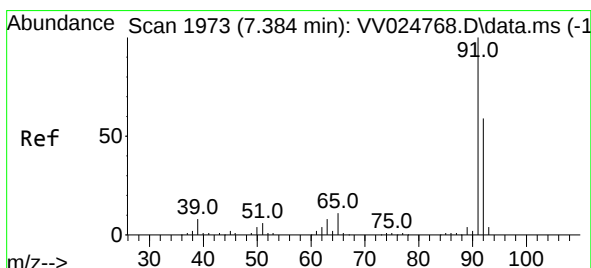
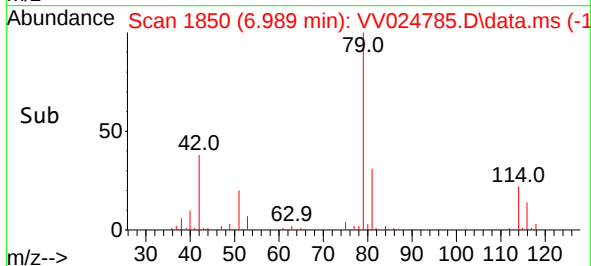
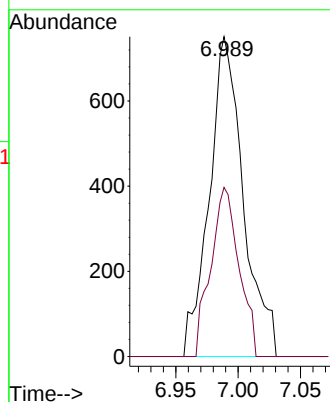
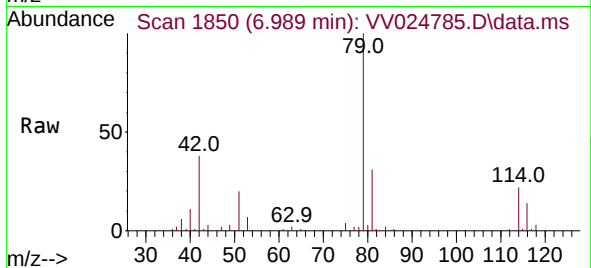
ClientSampleId :

Tgt Ion: 75 Resp: 1429

Ion Ratio Lower Upper

75 100

77 52.9 22.3 41.5#



#42

Toluene

Concen: 0.372 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV024785.D

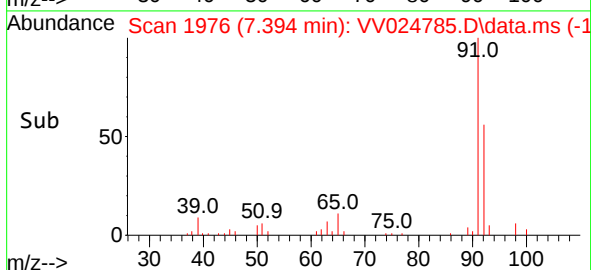
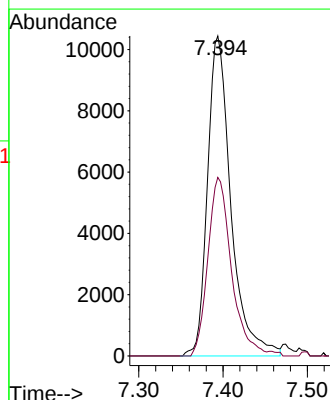
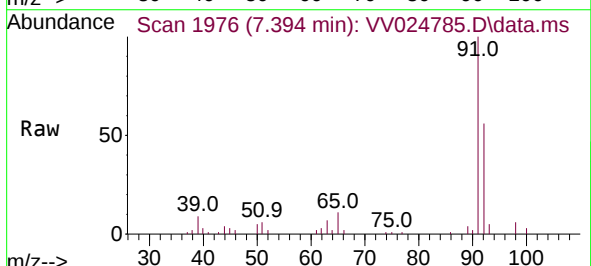
Acq: 21 Feb 2022 19:02

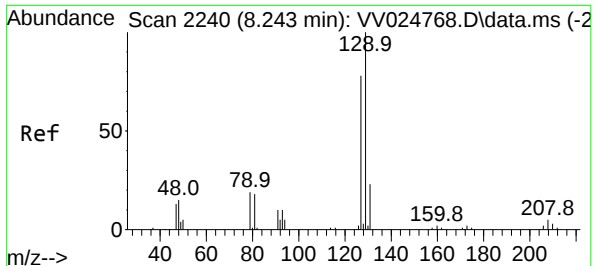
Tgt Ion: 91 Resp: 20183

Ion Ratio Lower Upper

91 100

92 55.8 40.3 74.9





#49

Dibromochloromethane

Concen: 8.372 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024785.D

Acq: 21 Feb 2022 19:02

Instrument :

MSVOA_V

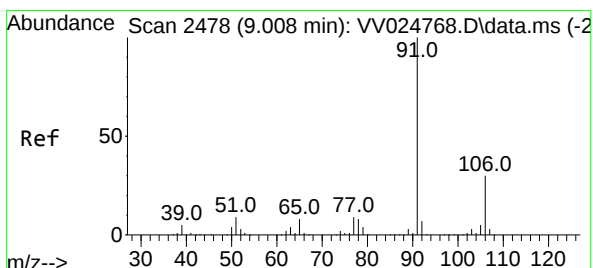
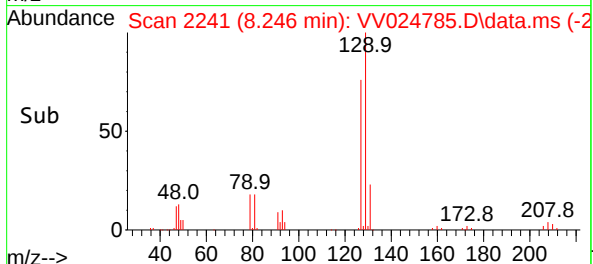
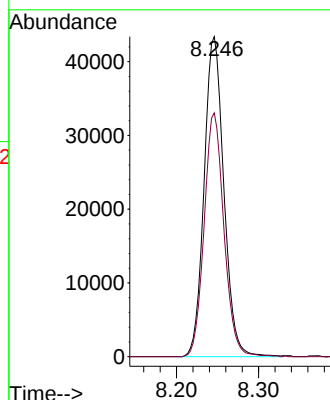
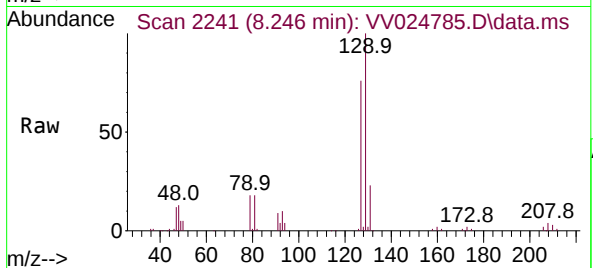
ClientSampleId :

Tgt Ion:129 Resp: 72695

Ion Ratio Lower Upper

129 100

127 76.2 53.6 99.6



#52

Ethylbenzene

Concen: 0.090 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.013 min

Lab File: VV024785.D

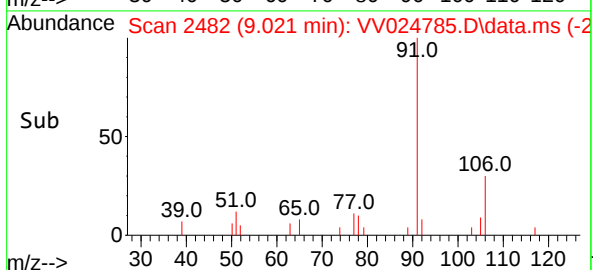
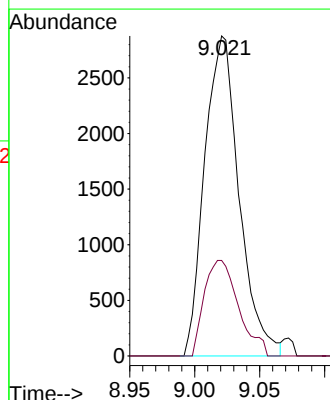
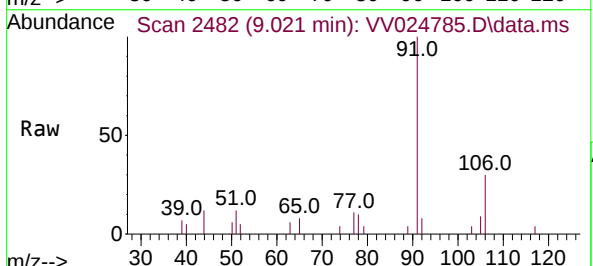
Acq: 21 Feb 2022 19:02

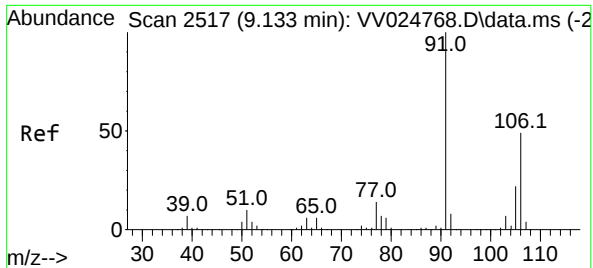
Tgt Ion: 91 Resp: 5309

Ion Ratio Lower Upper

91 100

106 29.9 21.3 39.5

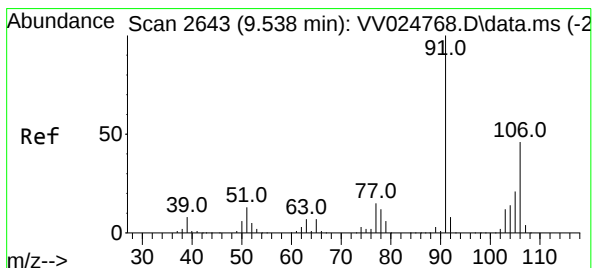
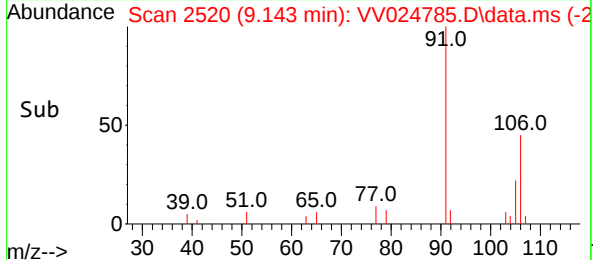
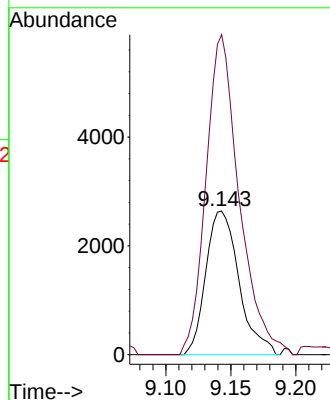
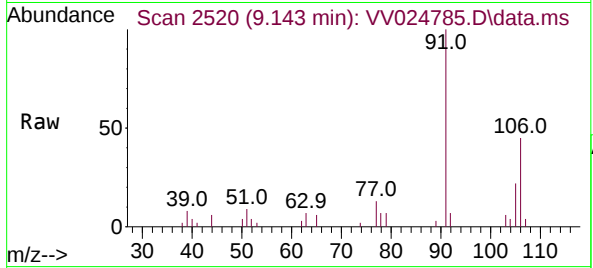




#53
m,p-xylene
Concen: 0.210 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

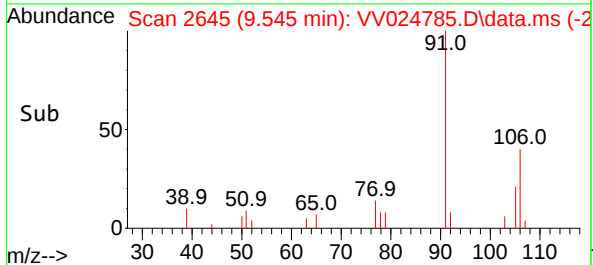
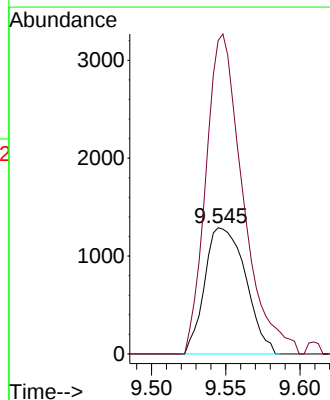
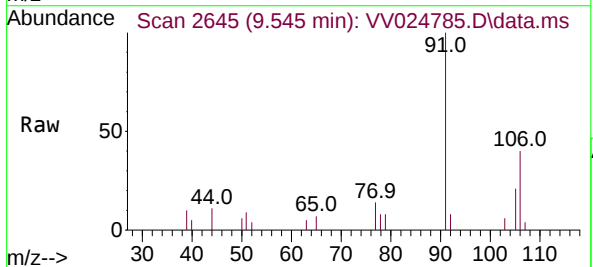
Instrument :
MSVOA_V
ClientSampleId :

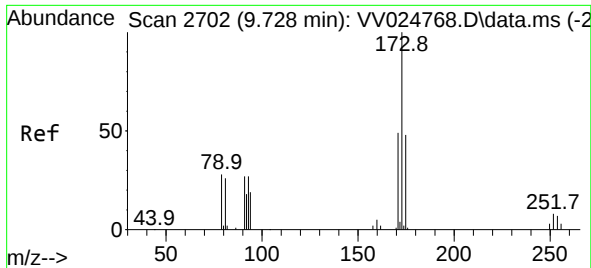
Tgt Ion:106 Resp: 4691
Ion Ratio Lower Upper
106 100
91 222.7 143.6 266.6



#54
o-xylene
Concen: 0.113 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.007 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

Tgt Ion:106 Resp: 2470
Ion Ratio Lower Upper
106 100
91 248.3 152.2 282.7

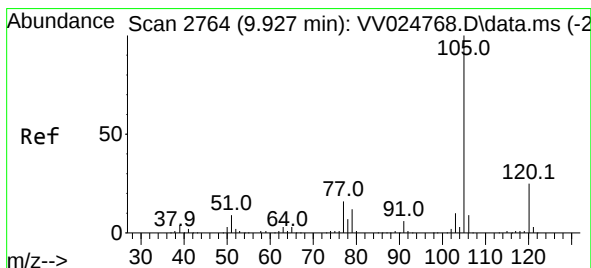
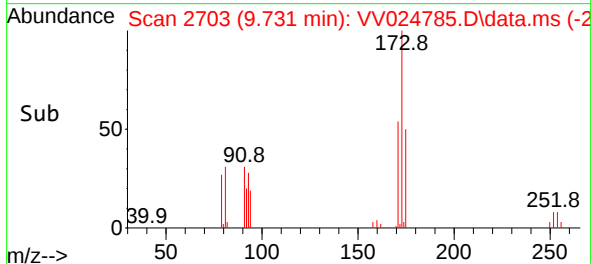
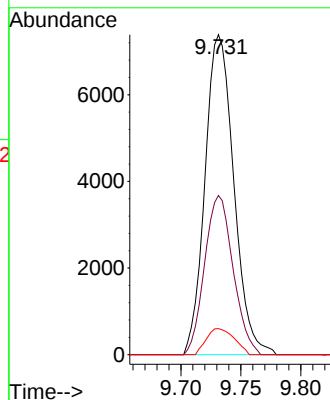
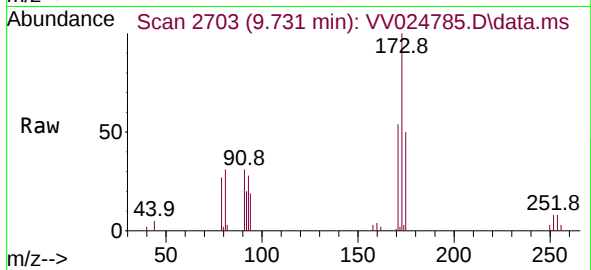




#59
Bromoform
Concen: 3.644 ug/L
RT: 9.731 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

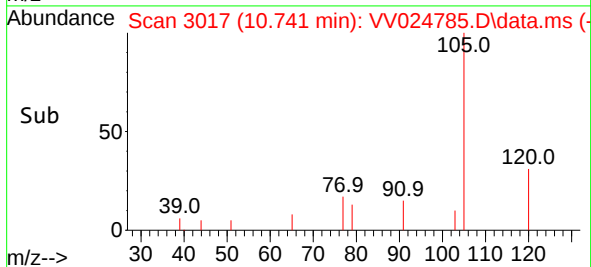
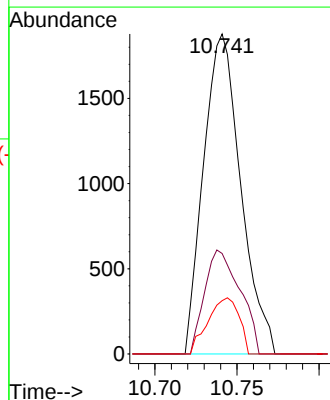
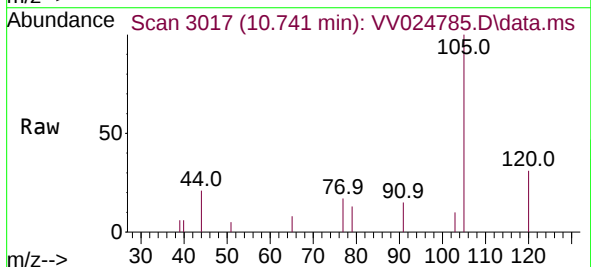
Instrument :
MSVOA_V
ClientSampleId :

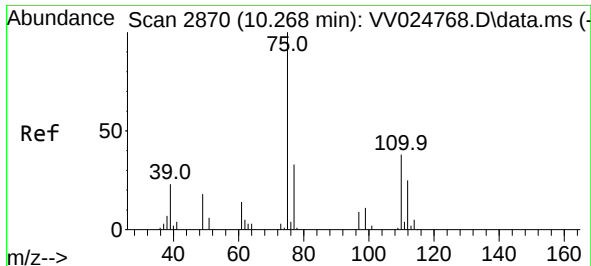
Tgt Ion:173 Resp: 12339
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.0
254 7.9 7.0 10.4



#60
Isopropylbenzene
Concen: 0.053 ug/L
RT: 10.741 min Scan# 3017
Delta R.T. 0.814 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

Tgt Ion:105 Resp: 2956
Ion Ratio Lower Upper
105 100
120 31.0 20.7 31.1
77 14.7 12.7 19.1

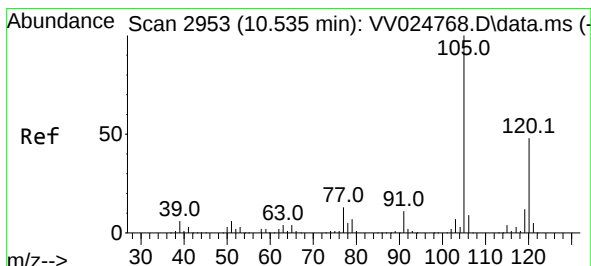
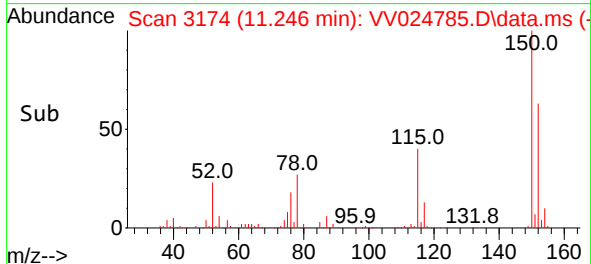
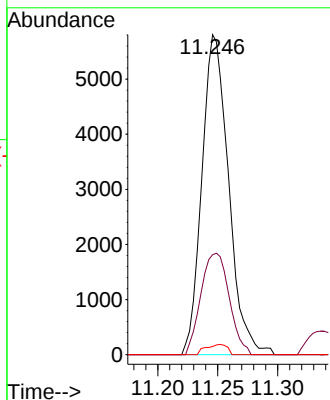
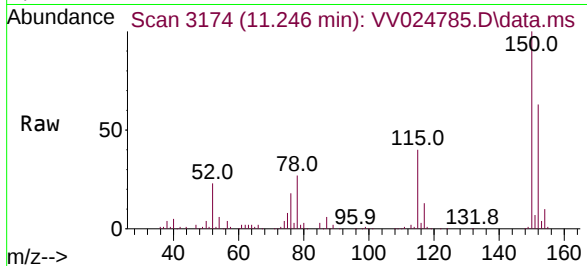




#61
1,2,3-Trichloropropane
Concen: 1.484 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.978 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

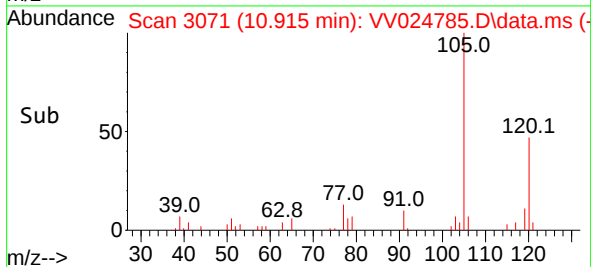
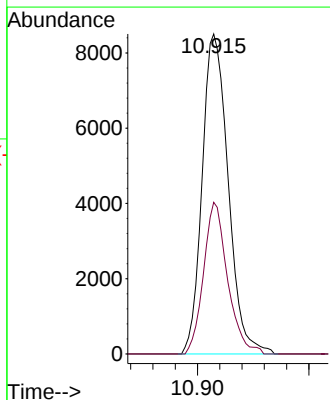
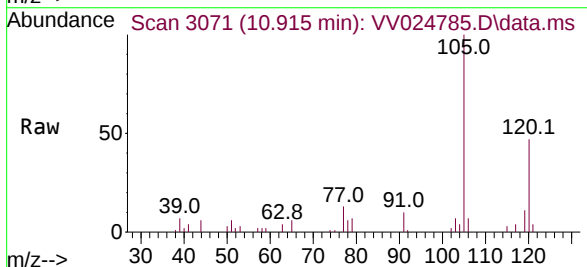
Instrument :
MSVOA_V
ClientSampleId :

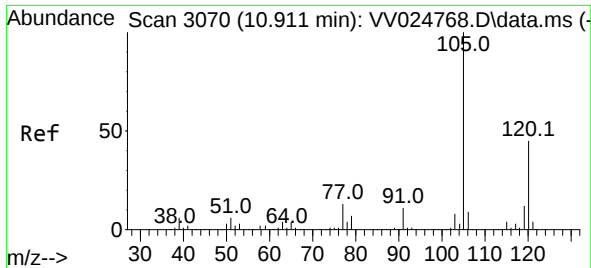
Tgt Ion: 75 Resp: 8997
Ion Ratio Lower Upper
75 100
77 33.6 26.3 39.5
110 2.5 30.3 45.5#



#62
1,3,5-Trimethylbenzene
Concen: 0.299 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.380 min
Lab File: VV024785.D
Acq: 21 Feb 2022 19:02

Tgt Ion: 105 Resp: 13806
Ion Ratio Lower Upper
105 100
120 43.7 38.6 57.8





#63
 1,2,4-Trimethylbenzene
 Concen: 0.302 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV024785.D
 Acq: 21 Feb 2022 19:02

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:105 Resp: 13806
 Ion Ratio Lower Upper
 105 100
 120 43.7 35.9 53.9

