

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025576.D
 Acq On : 07 Dec 2021 13:57
 Operator : JC/MD
 Sample : M4881-18ME
 Misc : 3.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW9F4ME

Quant Time: Dec 08 05:34:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 05:26:42 2021
 Response via : Initial Calibration

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

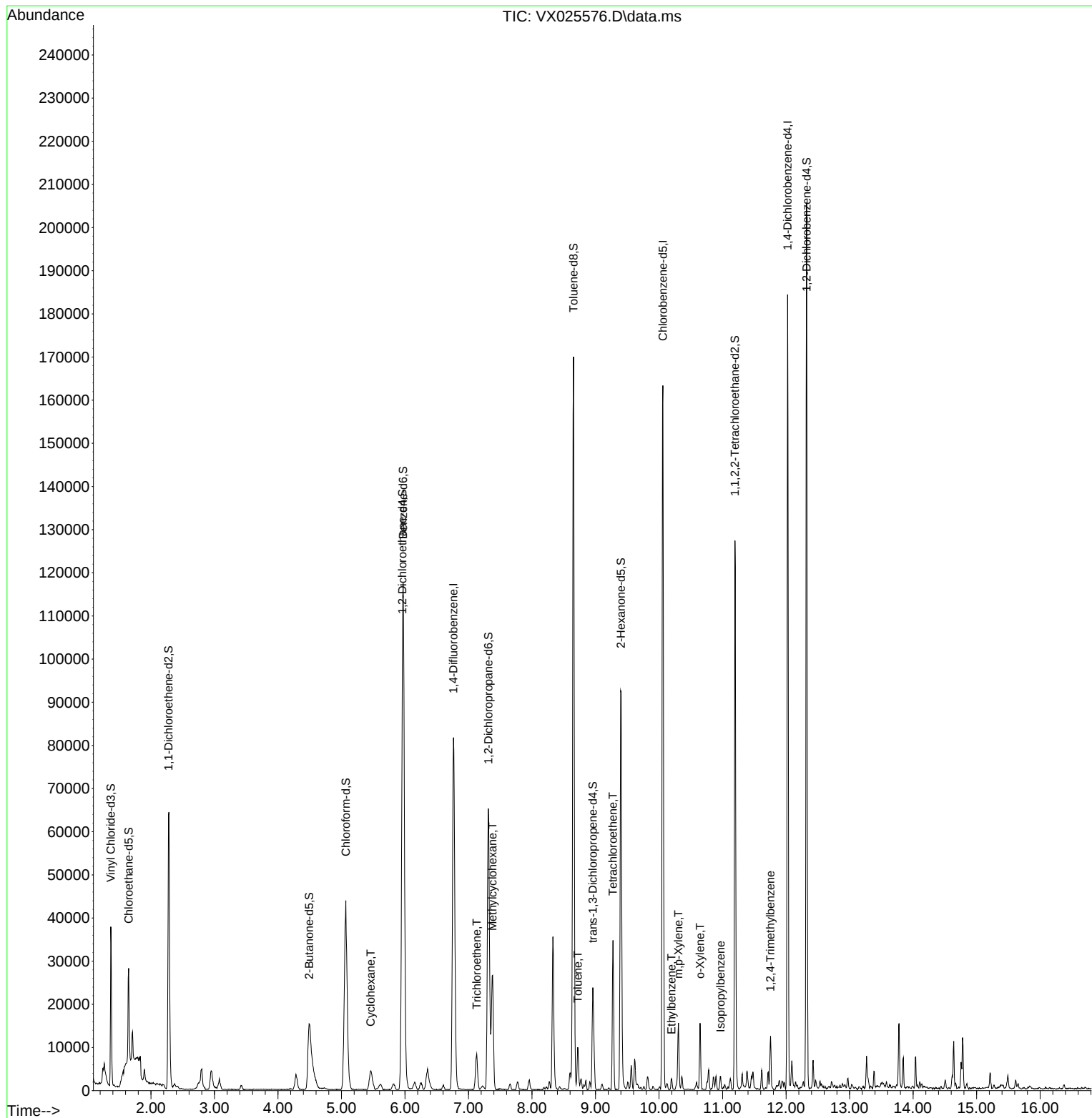
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	95810	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	82668	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	39145	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25374	38.806	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.620%
7) Chloroethane-d5	1.648	69	13853	25.670	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.340%#
11) 1,1-Dichloroethene-d2	2.276	63	38535	36.962	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.920%
21) 2-Butanone-d5	4.489	46	44660	91.755	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.750%
24) Chloroform-d	5.068	84	54391	47.596	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.958	65	36493	51.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.460%
32) Benzene-d6	5.971	84	117179	53.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.960%
36) 1,2-Dichloropropane-d6	7.312	67	36651	54.030	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.060%
41) Toluene-d8	8.653	98	106099	51.305	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	8.958	79	12191	35.746	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.500%
47) 2-Hexanone-d5	9.403	63	31655	89.647	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.650%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	47037	49.064	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.120%
66) 1,2-Dichlorobenzene-d4	12.323	152	41001	53.403	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
29) Cyclohexane	5.458	56	3144	3.712	ug/L	94
34) Trichloroethene	7.129	95	2774	4.776	ug/L	98
35) Methylcyclohexane	7.379	83	12419	13.584	ug/L	98
42) Toluene	8.720	91	6947	2.852	ug/L	99
46) Tetrachloroethene	9.275	164	6573	13.343	ug/L	97
52) Ethylbenzene	10.195	91	1993	0.761	ug/L	99
53) m,p-Xylene	10.305	106	3676	3.467	ug/L	98
54) o-Xylene	10.647	106	3336	3.143	ug/L	93
60) Isopropylbenzene	10.970	105	1986	0.789	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	4997	2.350	ug/L #	81

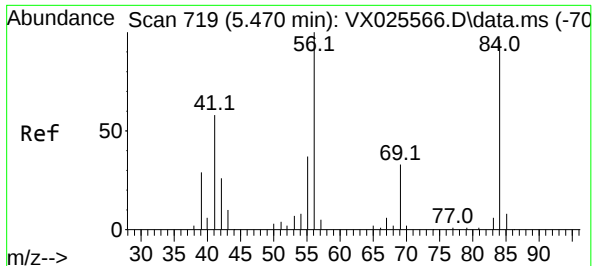
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 08 05:26:42 2021
Response via : Initial Calibration





#29

Cyclohexane

Concen: 3.712 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.012 min

Lab File: VX025576.D

Acq: 07 Dec 2021 13:57

Instrument :

MSVOA_X

ClientSampleId :

EW9F4ME

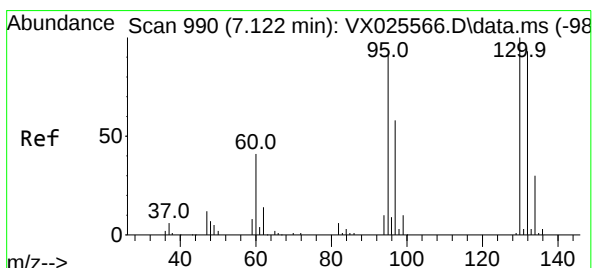
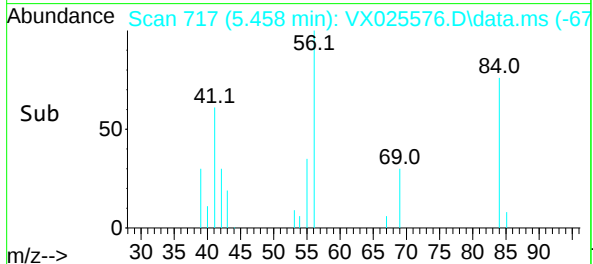
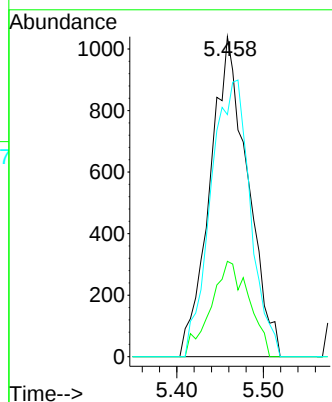
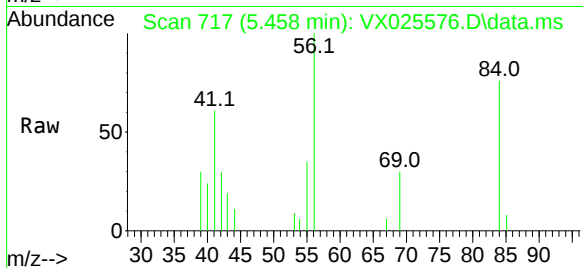
Tgt Ion: 56 Resp: 3144

Ion Ratio Lower Upper

56 100

69 28.6 25.4 38.2

84 90.3 76.6 114.8



#34

Trichloroethene

Concen: 4.776 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX025576.D

Acq: 07 Dec 2021 13:57

Tgt Ion: 95 Resp: 2774

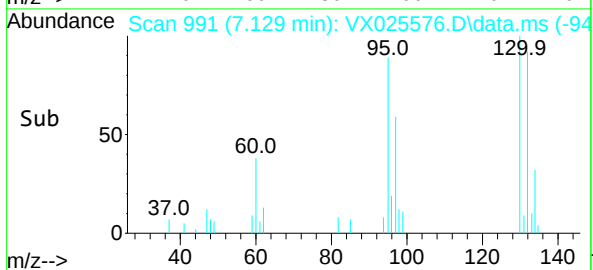
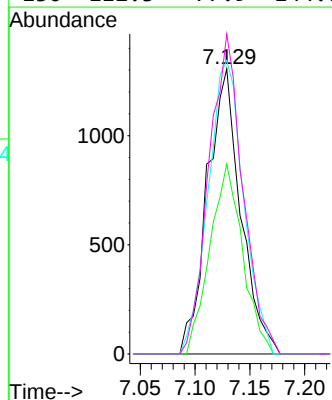
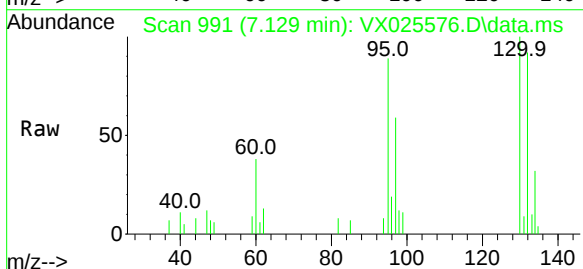
Ion Ratio Lower Upper

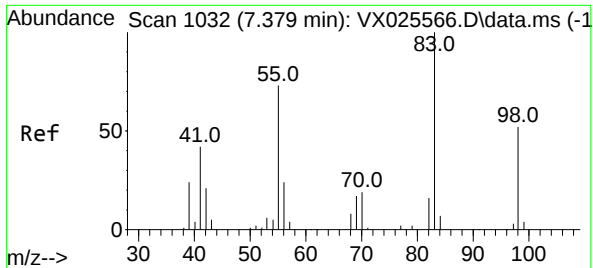
95 100

97 66.6 46.0 85.4

132 102.9 75.0 139.2

130 112.3 77.9 144.7

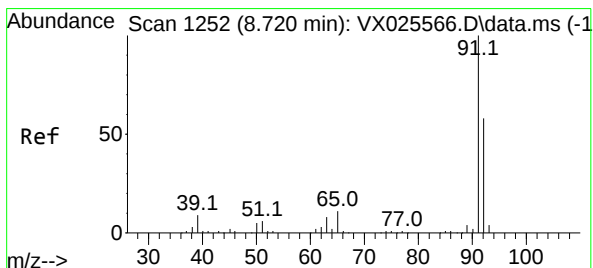
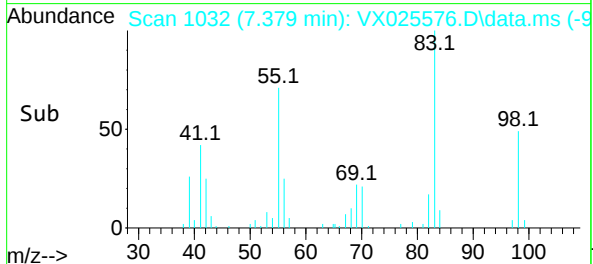
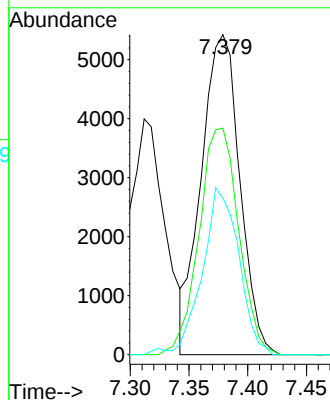
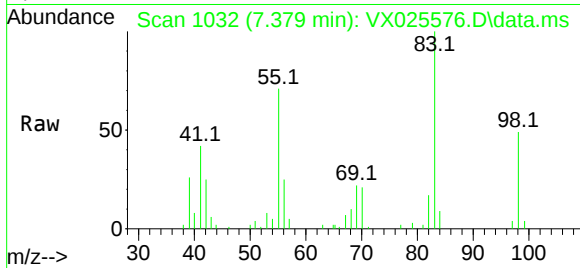




#35
Methylcyclohexane
Concen: 13.584 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

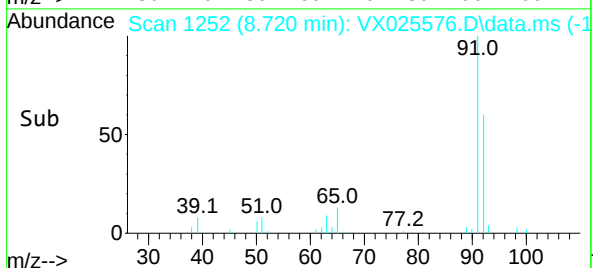
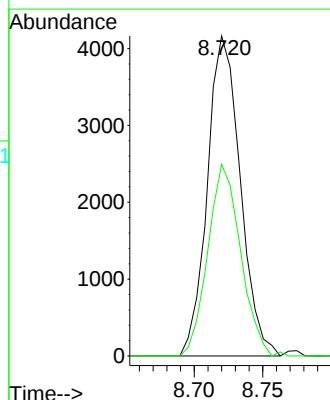
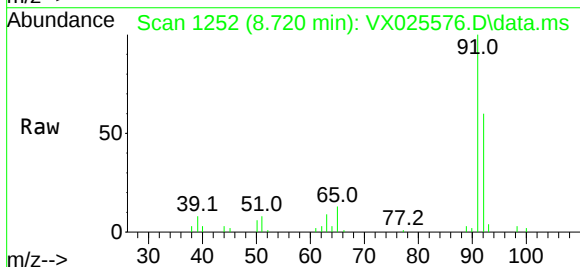
Instrument :
MSVOA_X
ClientSampleId :
EW9F4ME

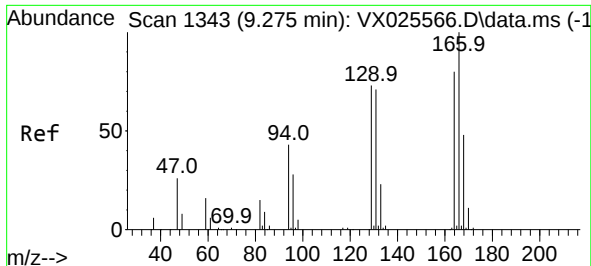
Tgt Ion: 83	Resp: 12419
Ion Ratio	Lower Upper
83 100	
55 72.6	57.3 85.9
98 48.7	41.1 61.7



#42
Toluene
Concen: 2.852 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

Tgt Ion: 91	Resp: 6947
Ion Ratio	Lower Upper
91 100	
92 59.9	41.2 76.6

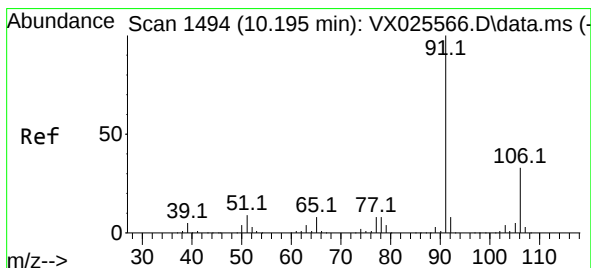
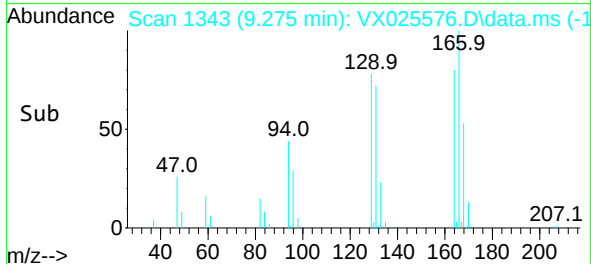
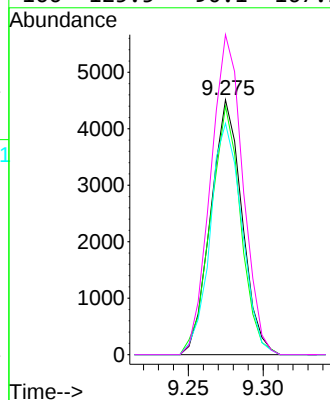
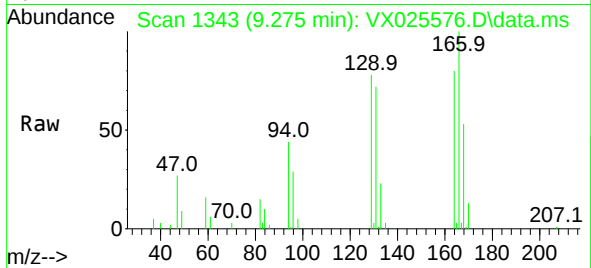




#46
Tetrachloroethene
Concen: 13.343 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

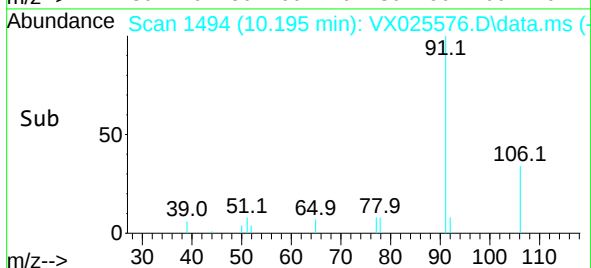
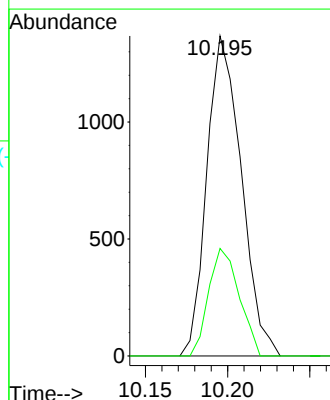
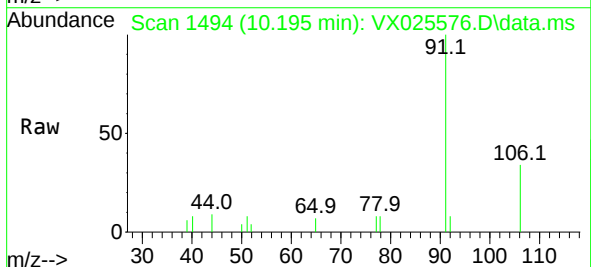
Instrument :
MSVOA_X
ClientSampleId :
EW9F4ME

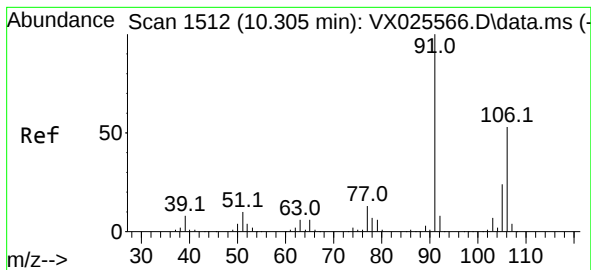
Tgt Ion:164 Resp: 6573
Ion Ratio Lower Upper
164 100
129 97.5 64.7 120.1
131 90.8 63.2 117.4
166 125.5 90.1 167.3



#52
Ethylbenzene
Concen: 0.761 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

Tgt Ion: 91 Resp: 1993
Ion Ratio Lower Upper
91 100
106 33.6 23.1 42.9





#53

m,p-Xylene

Concen: 3.467 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX025576.D

Acq: 07 Dec 2021 13:57

Instrument :

MSVOA_X

ClientSampleId :

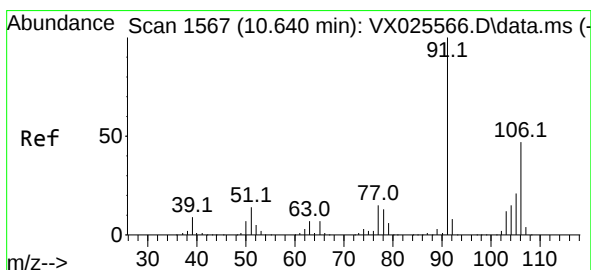
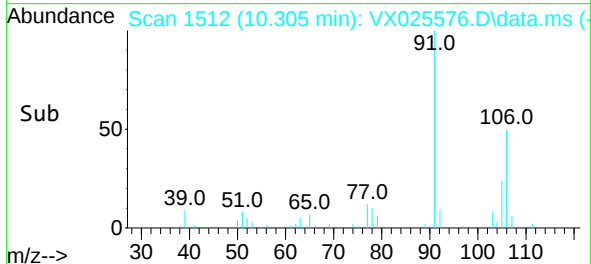
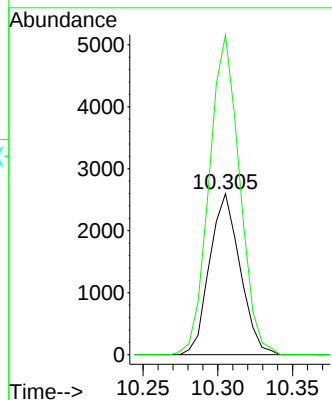
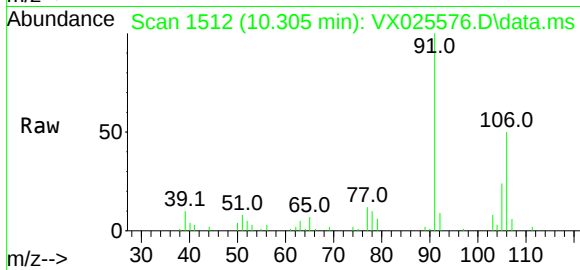
EW9F4ME

Tgt Ion:106 Resp: 3676

Ion Ratio Lower Upper

106 100

91 198.9 136.8 254.2



#54

o-Xylene

Concen: 3.143 ug/L

RT: 10.647 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX025576.D

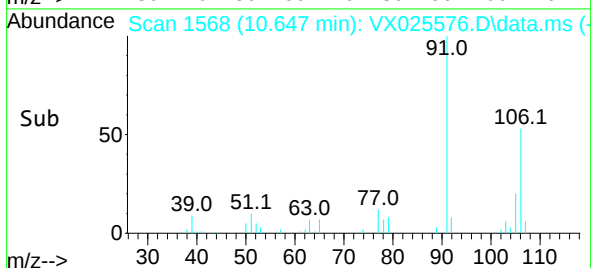
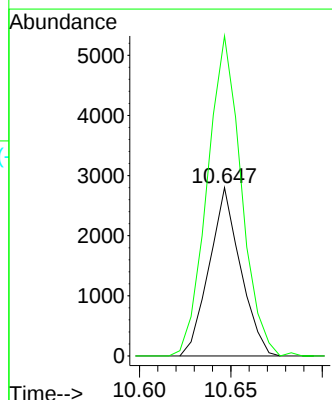
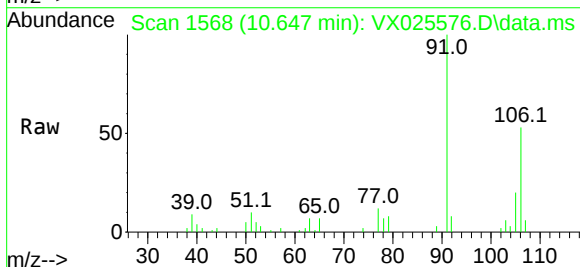
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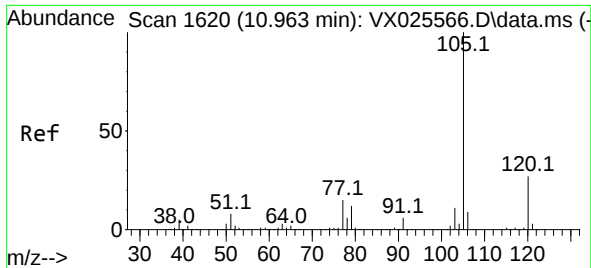
Tgt Ion:106 Resp: 3336

Ion Ratio Lower Upper

106 100

91 190.2 140.5 260.9

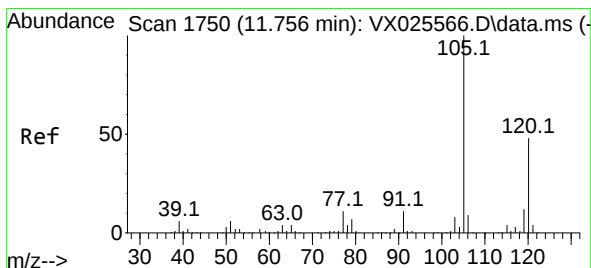
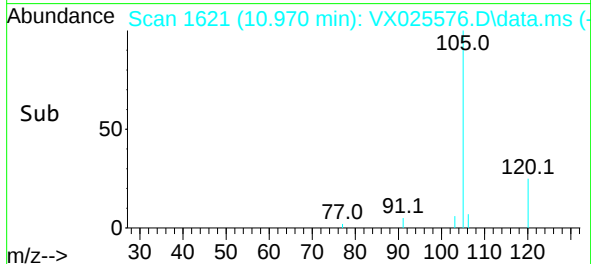
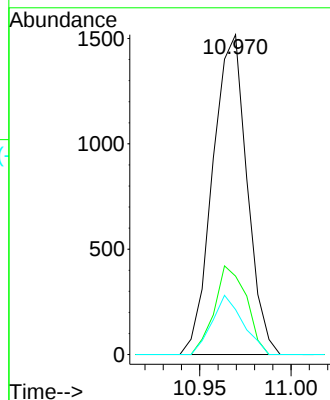
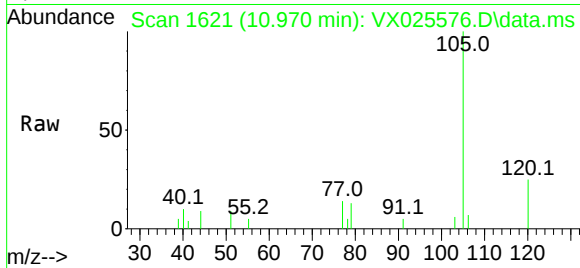




#60
Isopropylbenzene
Concen: 0.789 ug/L
RT: 10.970 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

Instrument :
MSVOA_X
ClientSampleId :
EW9F4ME

Tgt Ion:105 Resp: 1986
Ion Ratio Lower Upper
105 100
120 25.8 22.3 33.5
77 16.8 11.5 17.3



#63
1,2,4-Trimethylbenzene
Concen: 2.350 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

Tgt Ion:105 Resp: 4997
Ion Ratio Lower Upper
105 100
120 45.2 0.1 0.1#

