

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025627.D
 Acq On : 08 Dec 2021 18:20
 Operator : JC/MD
 Sample : M4883-12ME
 Misc : 3.45g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW9G8ME

Quant Time: Dec 09 03:29:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 03:12:30 2021
 Response via : Initial Calibration

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

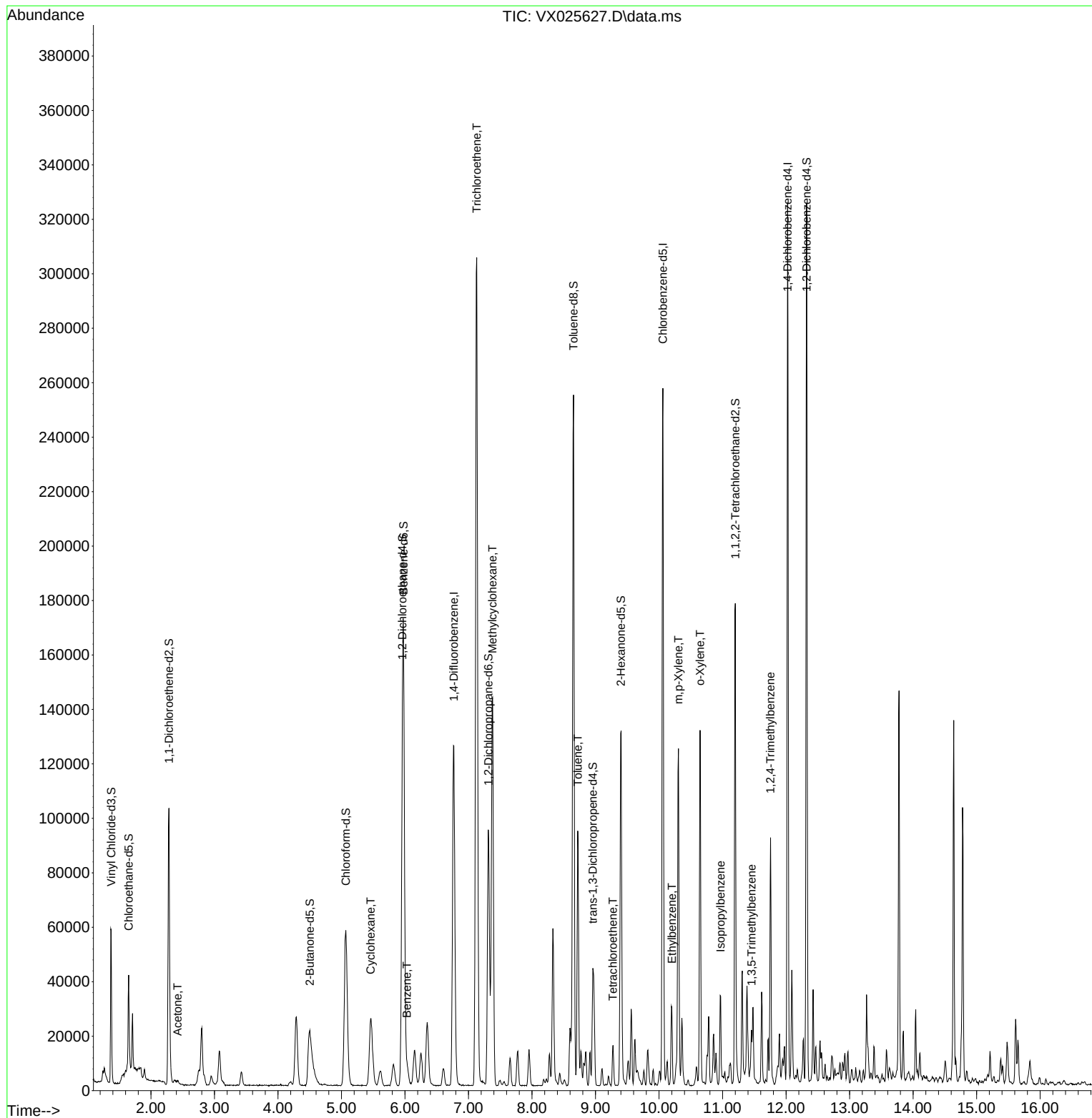
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	148089	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	130836	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68829	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	40095	39.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.340%
7) Chloroethane-d5	1.648	69	21575	25.866	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.740%#
11) 1,1-Dichloroethene-d2	2.282	63	60279	37.407	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.820%
21) 2-Butanone-d5	4.501	46	60581	80.526	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.530%
24) Chloroform-d	5.068	84	77365	43.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.958	65	51093	46.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
32) Benzene-d6	5.976	84	170174	49.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.160%
36) 1,2-Dichloropropane-d6	7.311	67	50176	46.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.480%
41) Toluene-d8	8.653	98	158256	48.352	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.700%
43) trans-1,3-Dichloroprop...	8.958	79	20324	37.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.300%
47) 2-Hexanone-d5	9.403	63	44110	78.930	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.930%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	66064	43.541	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.080%
66) 1,2-Dichlorobenzene-d4	12.323	152	63601	47.113	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.220%
Target Compounds						
					Qvalue	
13) Acetone	2.416	43	2011	3.251	ug/L	61
29) Cyclohexane	5.458	56	17644	13.163	ug/L	94
33) Benzene	6.031	78	7257	2.076	ug/L	100
34) Trichloroethene	7.129	95	117225	127.512	ug/L	99
35) Methylcyclohexane	7.379	83	65860	45.517	ug/L	97
42) Toluene	8.720	91	64528	16.740	ug/L	99
46) Tetrachloroethene	9.275	164	2595	3.328	ug/L	90
52) Ethylbenzene	10.201	91	18572	4.483	ug/L	97
53) m,p-Xylene	10.305	106	30450	18.146	ug/L	98
54) o-Xylene	10.646	106	30102	17.920	ug/L	94
60) Isopropylbenzene	10.969	105	18115	4.095	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	7376	1.994	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	36919	9.876	ug/L #	80

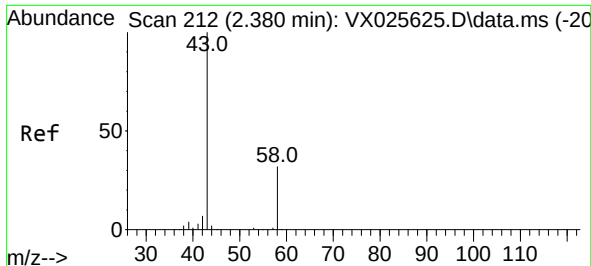
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
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Quant Title : VOC Analysis
QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration





#13

Acetone

Concen: 3.251 ug/L

RT: 2.416 min Scan# 21

Delta R.T. 0.036 min

Lab File: VX025627.D

Acq: 08 Dec 2021 18:20

Instrument :

MSVOA_X

ClientSampleId :

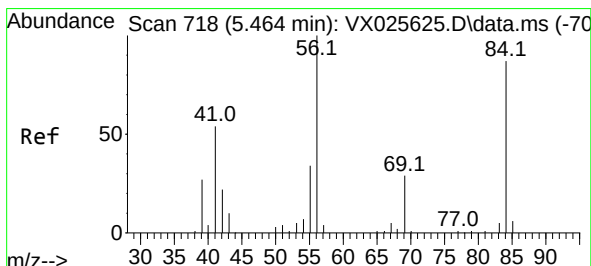
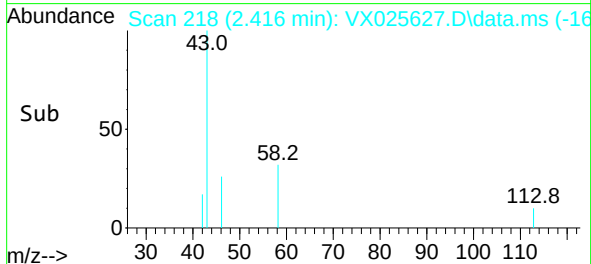
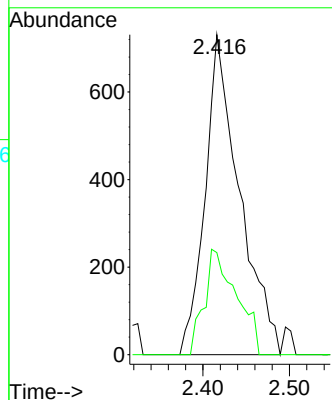
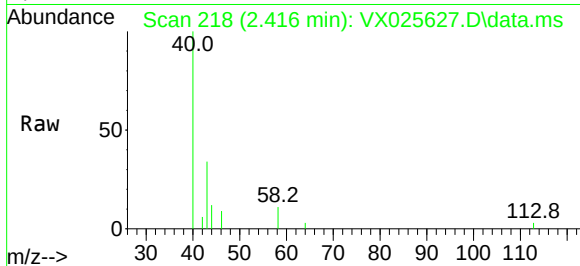
EW9G8ME

Tgt Ion: 43 Resp: 2011

Ion Ratio Lower Upper

43 100

58 10.9 0.0 65.6



#29

Cyclohexane

Concen: 13.163 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX025627.D

Acq: 08 Dec 2021 18:20

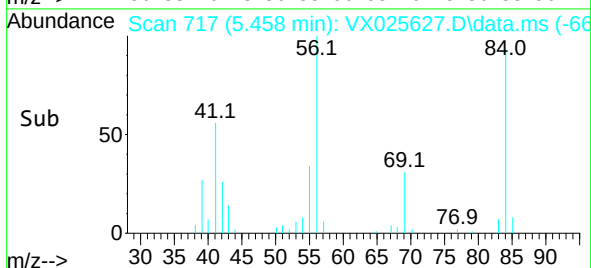
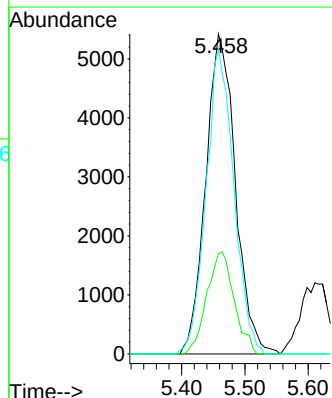
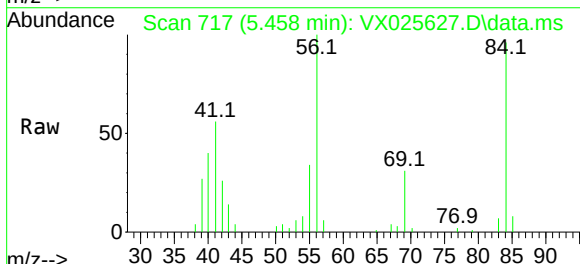
Tgt Ion: 56 Resp: 17644

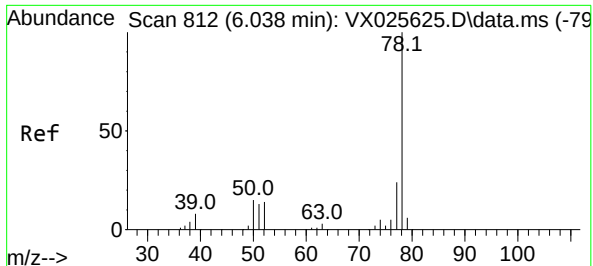
Ion Ratio Lower Upper

56 100

69 28.6 25.4 38.2

84 89.5 76.6 114.8

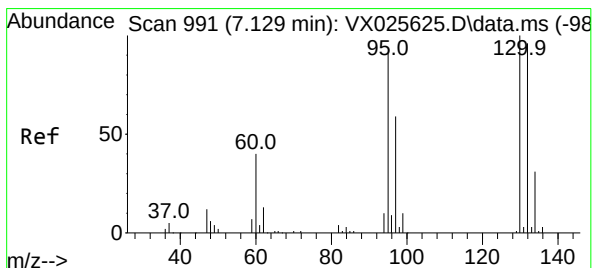
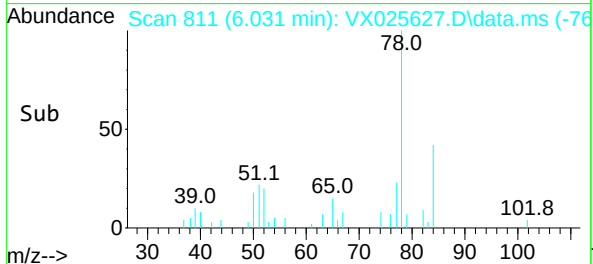
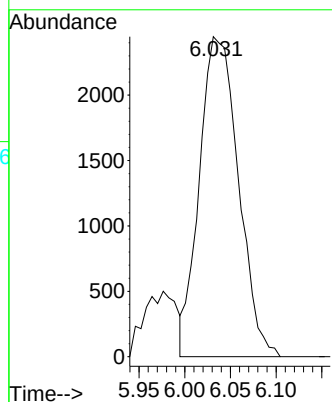
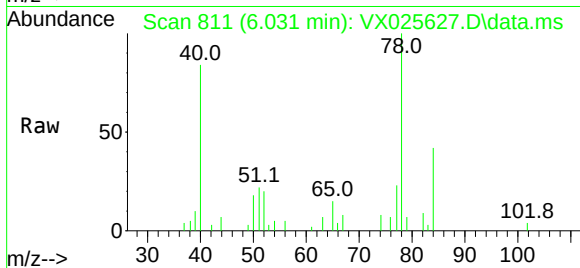




#33
Benzene
Concen: 2.076 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX025627.D
Acq: 08 Dec 2021 18:20

Instrument :
MSVOA_X
ClientSampleId :
EW9G8ME

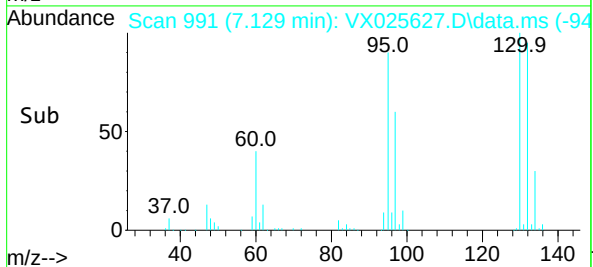
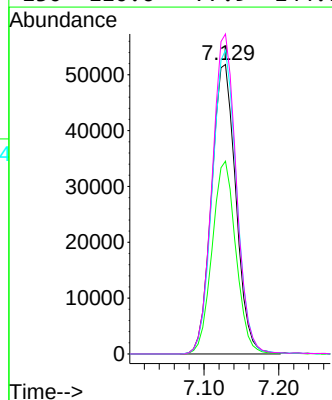
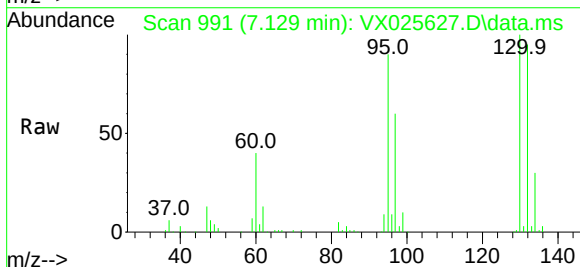
Tgt Ion: 78 Resp: 7257

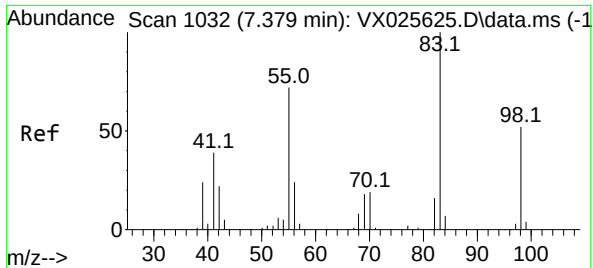


#34
Trichloroethene
Concen: 127.512 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025627.D
Acq: 08 Dec 2021 18:20

Tgt Ion: 95 Resp: 117225

Ion	Ratio	Lower	Upper
95	100		
97	66.6	46.0	85.4
132	105.0	75.0	139.2
130	110.6	77.9	144.7

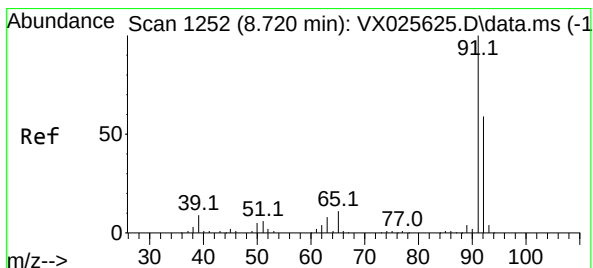
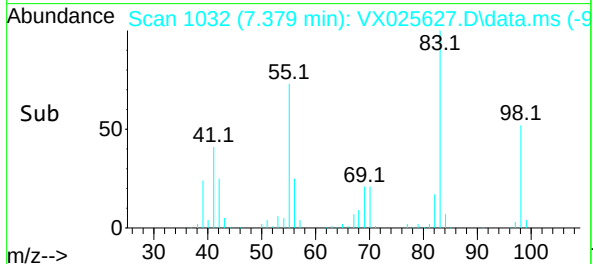
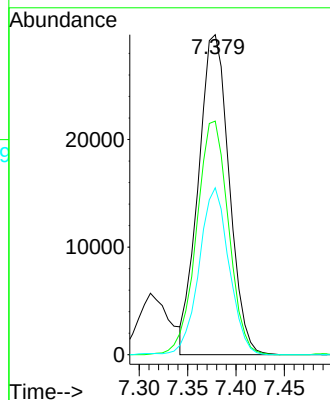
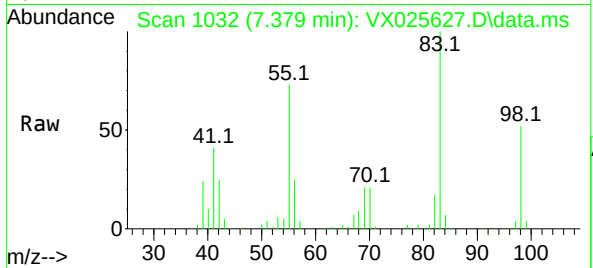




#35
Methylcyclohexane
Concen: 45.517 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX025627.D
Acq: 08 Dec 2021 18:20

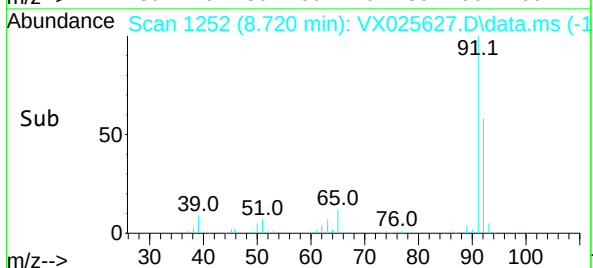
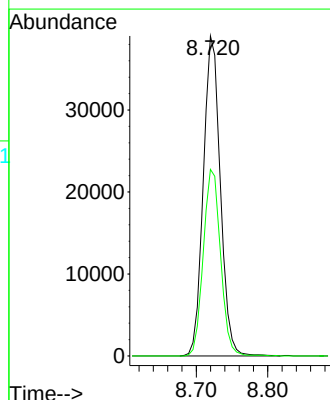
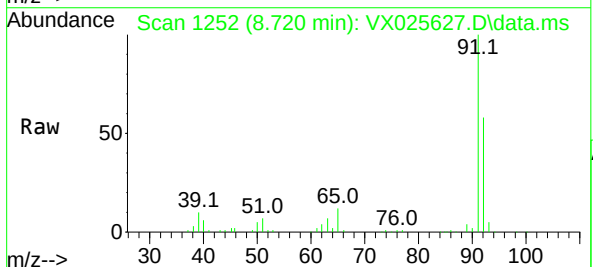
Instrument :
MSVOA_X
ClientSampleId :
EW9G8ME

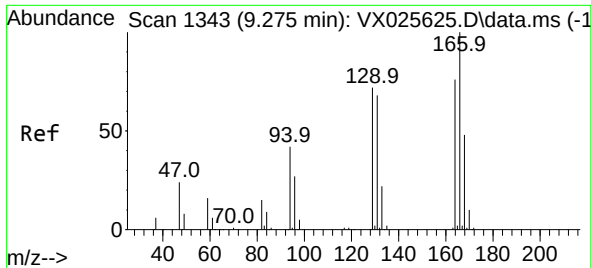
Tgt Ion: 83 Resp: 65860
Ion Ratio Lower Upper
83 100
55 75.7 57.3 85.9
98 50.6 41.1 61.7



#42
Toluene
Concen: 16.740 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025627.D
Acq: 08 Dec 2021 18:20

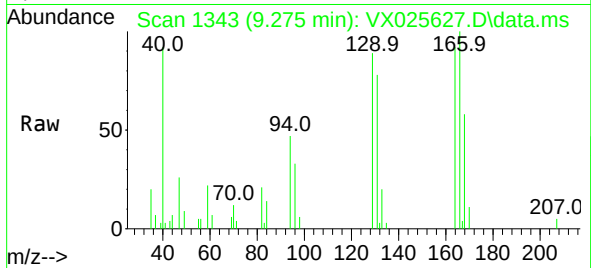
Tgt Ion: 91 Resp: 64528
Ion Ratio Lower Upper
91 100
92 58.3 41.2 76.6



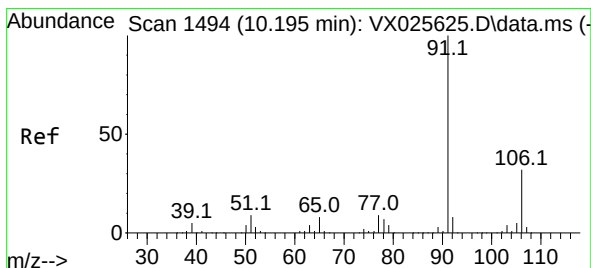
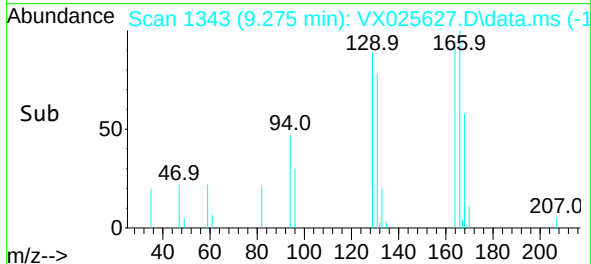
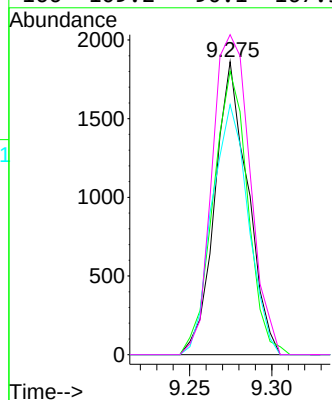


#46
Tetrachloroethene
Concen: 3.328 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025627.D
Acq: 08 Dec 2021 18:20

Instrument :
MSVOA_X
ClientSampleId :
EW9G8ME

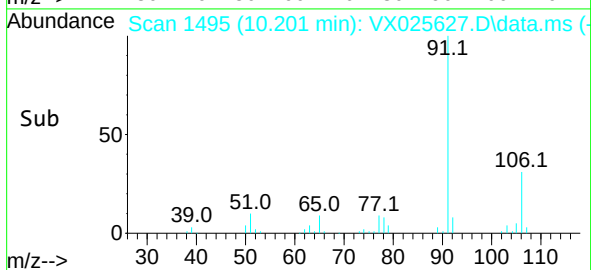
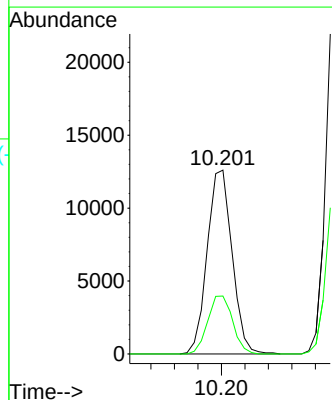
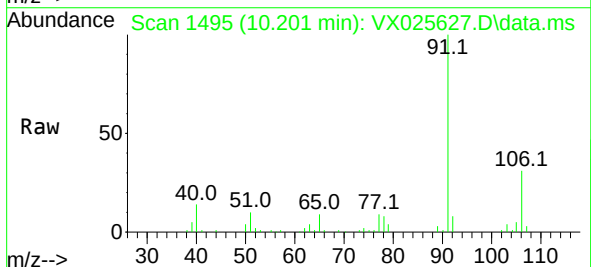


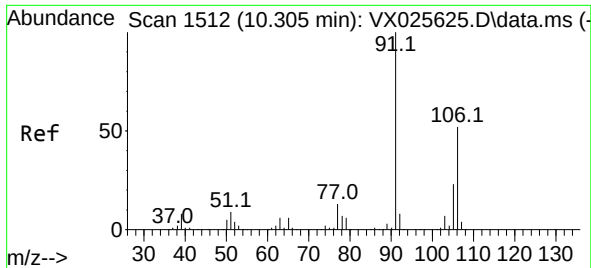
Tgt Ion:164	Resp:	2595
Ion	Ratio	Lower Upper
164	100	
129	96.8	64.7 120.1
131	85.4	63.2 117.4
166	109.2	90.1 167.3



#52
Ethylbenzene
Concen: 4.483 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX025627.D
Acq: 08 Dec 2021 18:20

Tgt Ion: 91	Resp:	18572
Ion	Ratio	Lower Upper
91	100	
106	31.5	23.1 42.9

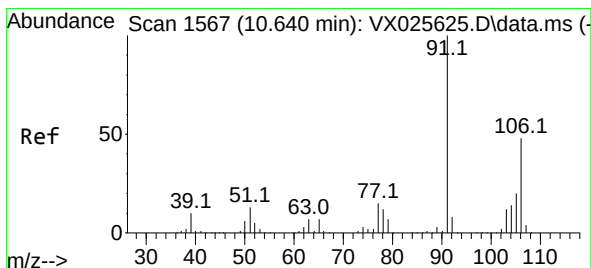
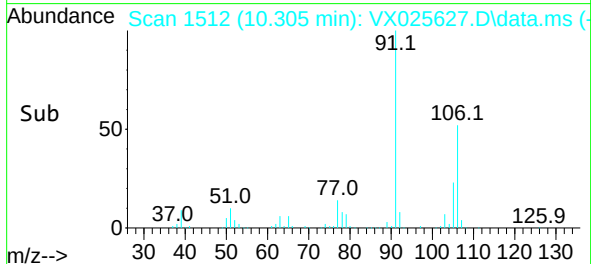
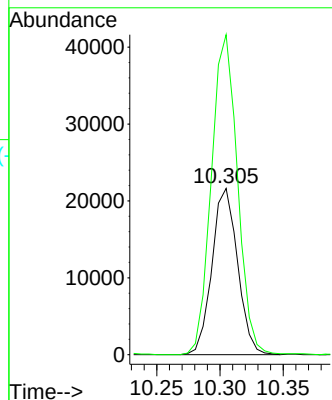
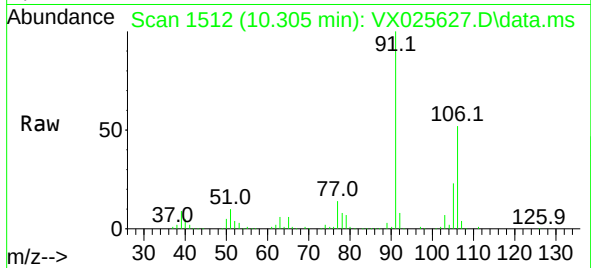




#53
m,p-Xylene
Concen: 18.146 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025627.D
Acq: 08 Dec 2021 18:20

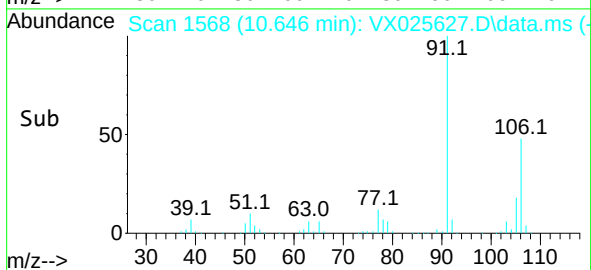
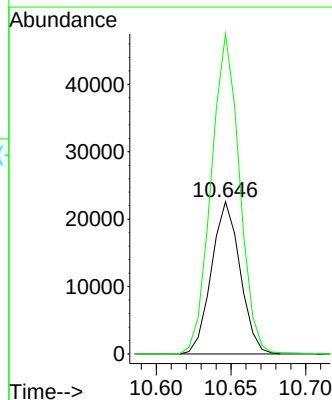
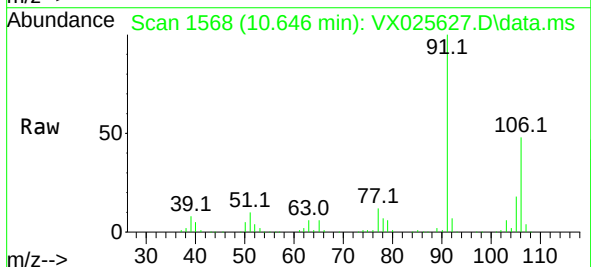
Instrument :
MSVOA_X
ClientSampleId :
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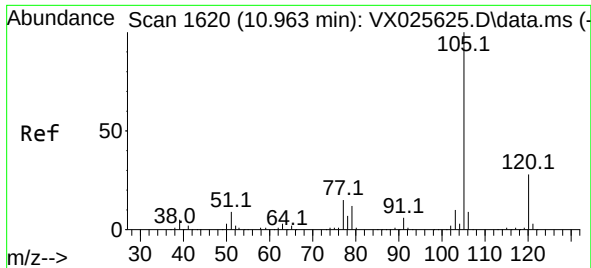
Tgt Ion:106 Resp: 30450
Ion Ratio Lower Upper
106 100
91 192.4 136.8 254.2



#54
o-Xylene
Concen: 17.920 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025627.D
Acq: 08 Dec 2021 18:20

Tgt Ion:106 Resp: 30102
Ion Ratio Lower Upper
106 100
91 210.2 140.5 260.9

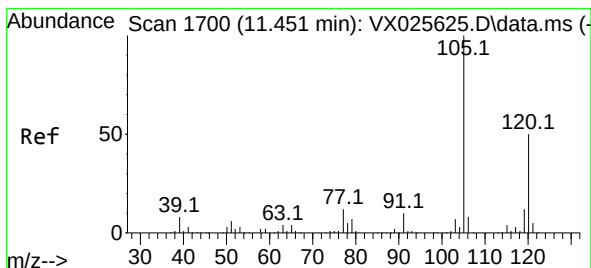
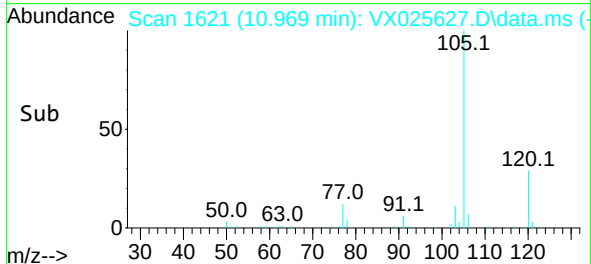
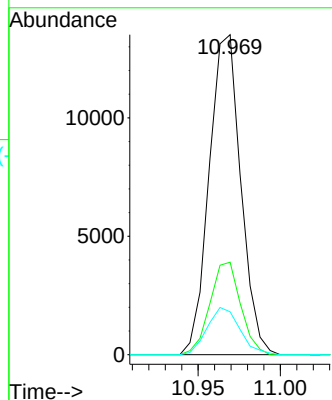
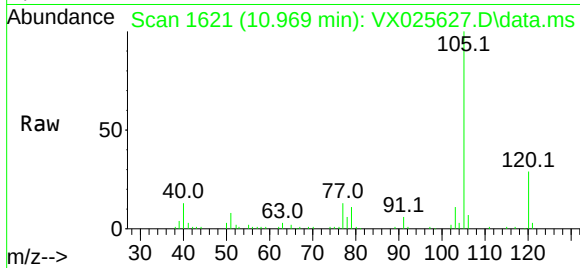




#60
Isopropylbenzene
Concen: 4.095 ug/L
RT: 10.969 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025627.D
Acq: 08 Dec 2021 18:20

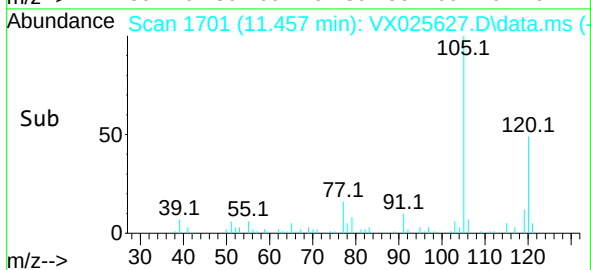
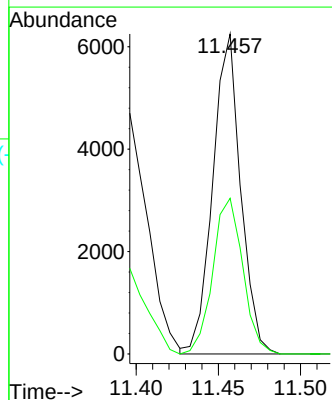
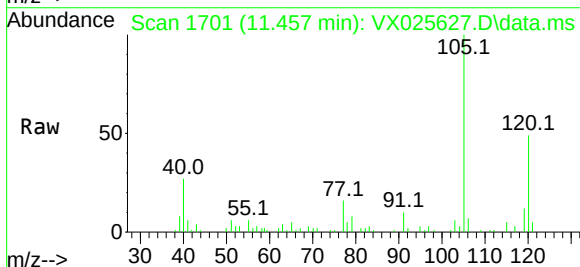
Instrument :
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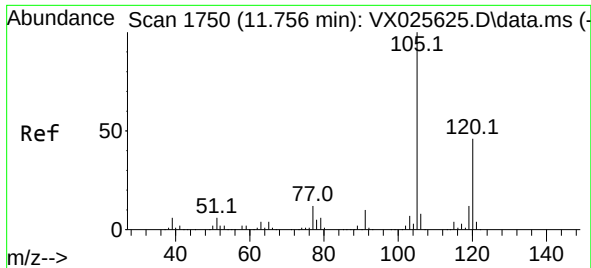
Tgt Ion:105 Resp: 18115
Ion Ratio Lower Upper
105 100
120 28.1 22.3 33.5
77 15.2 11.5 17.3



#62
1,3,5-Trimethylbenzene
Concen: 1.994 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025627.D
Acq: 08 Dec 2021 18:20

Tgt Ion:105 Resp: 7376
Ion Ratio Lower Upper
105 100
120 52.3 41.0 61.4





#63
 1,2,4-Trimethylbenzene
 Concen: 9.876 ug/L
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025627.D
 Acq: 08 Dec 2021 18:20

Instrument :
 MSVOA_X
 ClientSampleId :
 EW9G8ME

Tgt Ion:105 Resp: 36919
 Ion Ratio Lower Upper
 105 100
 120 46.5 0.1 0.1#

