

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102622\
 Data File : VW028703.D
 Acq On : 26 Oct 2022 18:51
 Operator : SY/MD
 Sample : N5232-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 06:26:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	140353	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	133375	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	56714	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	74546	7.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	152.800%#
7) Chloroethane-d5	1.565	69	66205	8.021	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	160.400%#
11) 1,1-Dichloroethene-d2	2.105	63	103586	5.486	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.800%
20) 2-Butanone-d5	3.889	46	161880	72.729	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.460%#
24) Chloroform-d	4.343	84	115776	6.830	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	136.600%#
26) 1,2-Dichloroethane-d4	5.031	65	59061	6.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	137.400%#
32) Benzene-d6	5.047	84	227132	6.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.400%#
36) 1,2-Dichloropropane-d6	6.066	67	77419	6.857	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	137.200%
41) Toluene-d8	7.314	98	184078	6.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.200%#
43) trans-1,3-Dichloroprop...	7.622	79	13919	3.968	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.088	63	100635	61.630	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.260%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	49868	6.660	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	133.200%#
66) 1,2-Dichlorobenzene-d4	11.616	152	57623	7.366	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	147.400%#

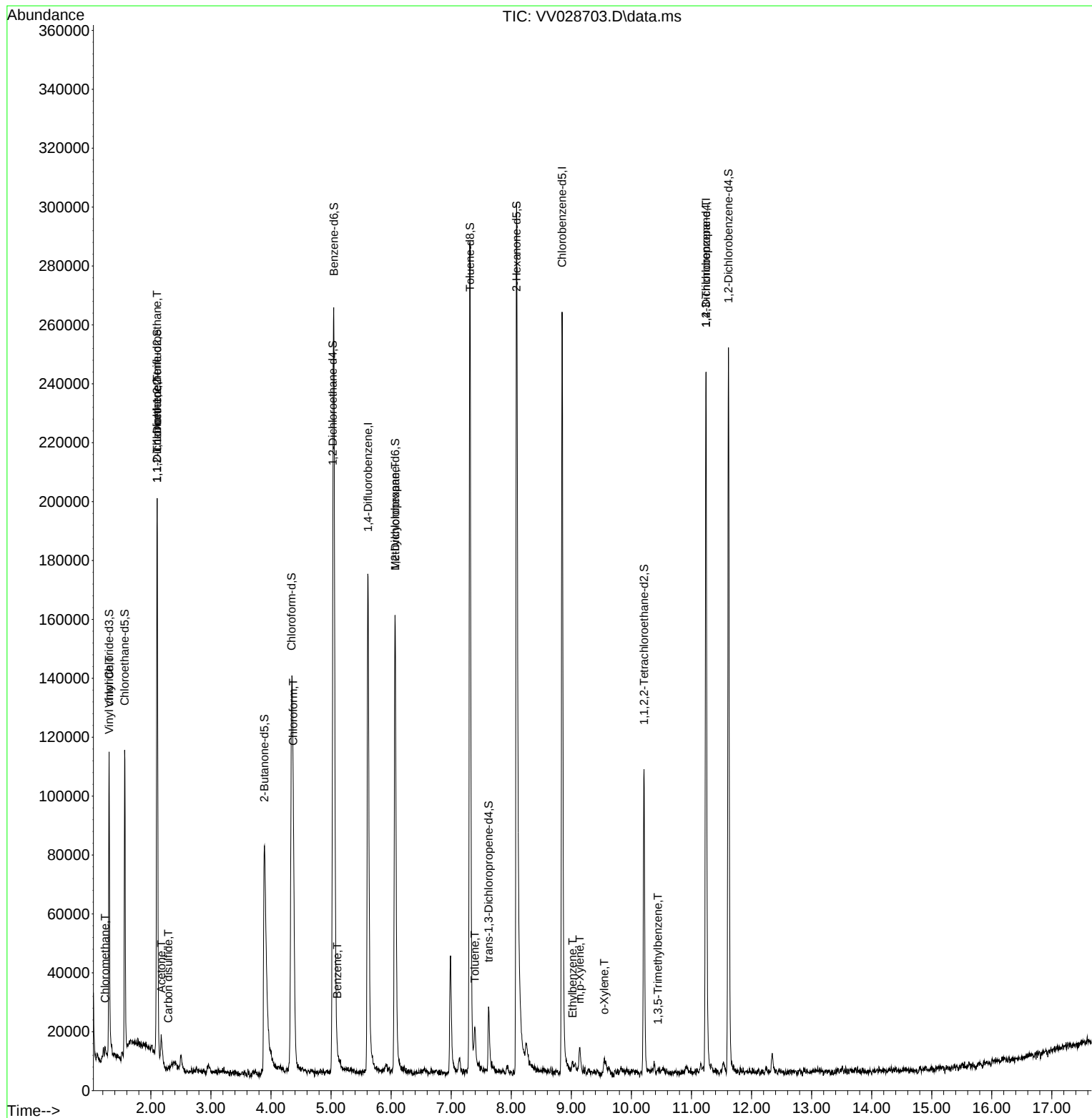
Target Compounds					Qvalue
3) Chloromethane	1.240	50	2813	0.255	ug/L 89
5) Vinyl chloride	1.307	62	663	0.060	ug/L # 1
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	978	0.112	ug/L # 31
12) 1,1-Dichloroethene	2.101	96	1092	0.142	ug/L # 1
13) Acetone	2.175	43	15949	12.072	ug/L 98
14) Carbon disulfide	2.291	76	1251	0.070	ug/L # 61
25) Chloroform	4.372	83	67314	3.693	ug/L 99
33) Benzene	5.101	78	1858	0.047	ug/L 100
35) Methylcyclohexane	6.066	83	17135	1.256	ug/L # 15
42) Toluene	7.394	91	10707	0.283	ug/L 94
52) Ethylbenzene	9.021	91	1993	0.047	ug/L 93
53) m,p-Xylene	9.140	106	2134	0.141	ug/L 80
54) o-Xylene	9.548	106	1129	0.074	ug/L 80
61) 1,2,3-Trichloropropane	11.243	75	9563	1.964	ug/L # 67
62) 1,3,5-Trimethylbenzene	10.442	105	502	0.048	ug/L 98

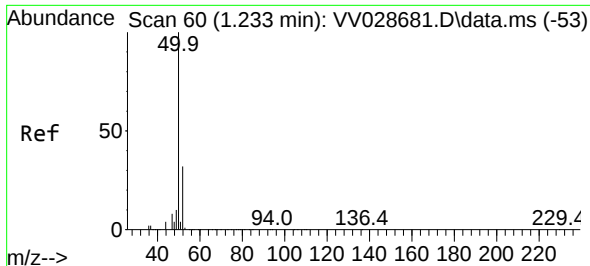
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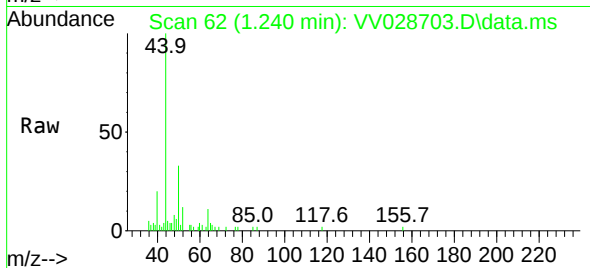
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 05:05:38 2022
Response via : Initial Calibration



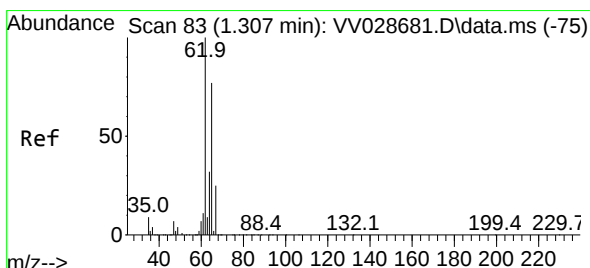
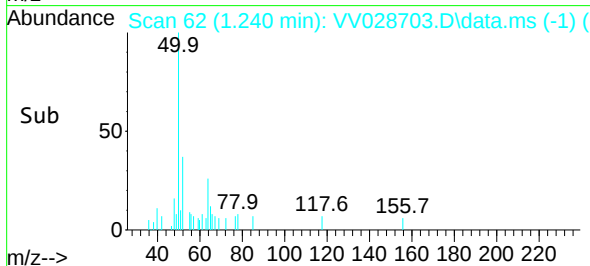
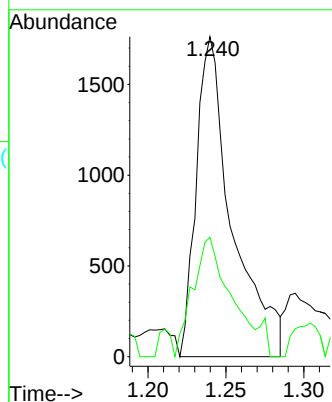


#3
Chloromethane
Concen: 0.255 ug/L
RT: 1.240 min Scan# 60
Delta R.T. 0.006 min
Lab File: VV028703.D
Acq: 26 Oct 2022 18:51

Instrument :
MSVOA_V
ClientSampleId :

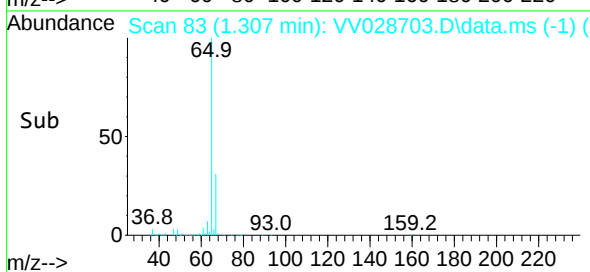
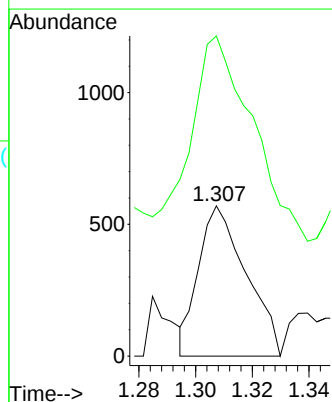
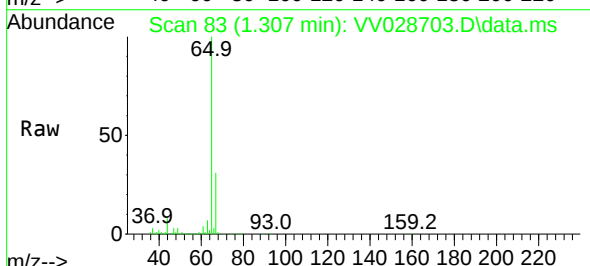


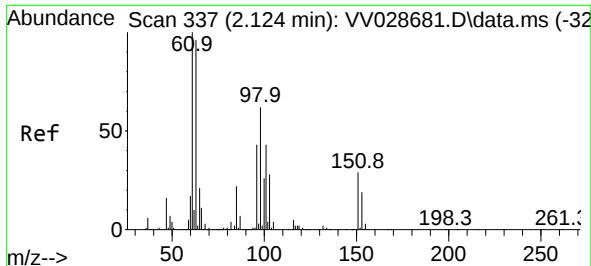
Tgt Ion: 50 Resp: 2813
Ion Ratio Lower Upper
50 100
52 37.3 21.8 40.6



#5
Vinyl chloride
Concen: 0.060 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.000 min
Lab File: VV028703.D
Acq: 26 Oct 2022 18:51

Tgt Ion: 62 Resp: 663
Ion Ratio Lower Upper
62 100
64 213.2 22.0 41.0#

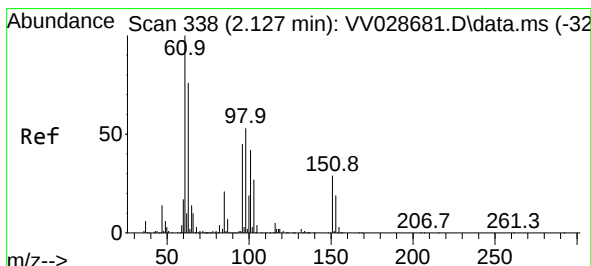
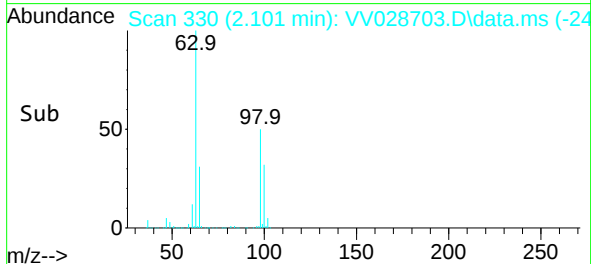
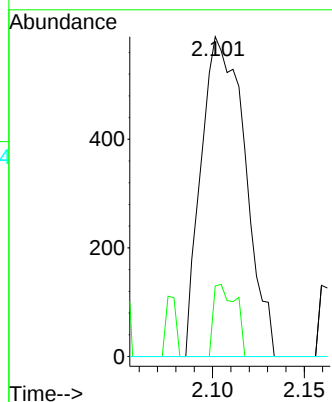
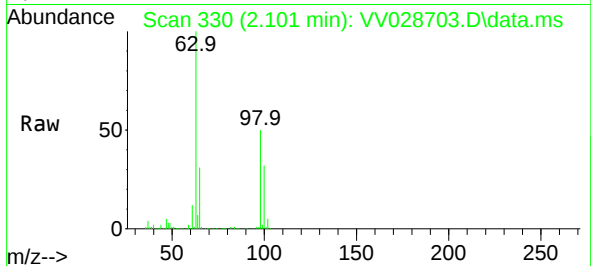




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.112 ug/L
RT: 2.101 min Scan# 310
Delta R.T. -0.022 min
Lab File: VV028703.D
Acq: 26 Oct 2022 18:51

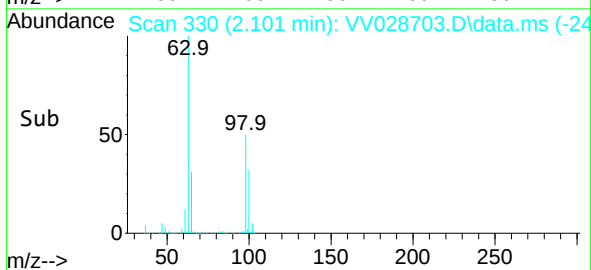
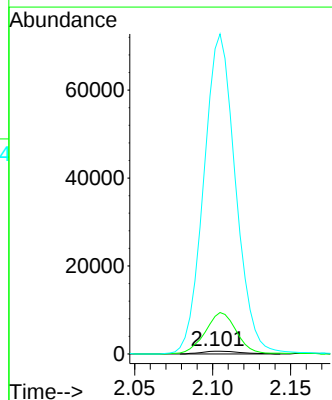
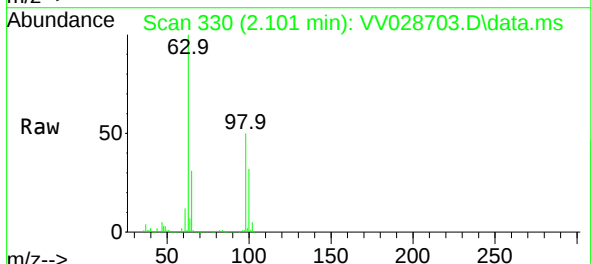
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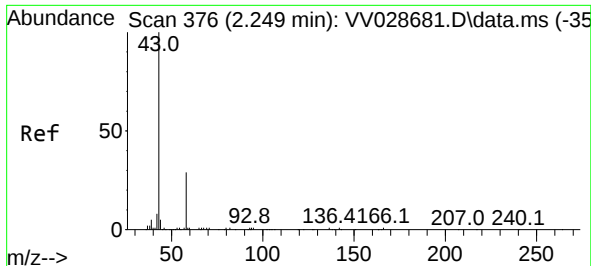
Tgt Ion:101 Resp: 978
Ion Ratio Lower Upper
101 100
85 11.3 37.0 55.6#
151 0.0 50.2 75.2#



#12
1,1-Dichloroethene
Concen: 0.142 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.026 min
Lab File: VV028703.D
Acq: 26 Oct 2022 18:51

Tgt Ion: 96 Resp: 1092
Ion Ratio Lower Upper
96 100
61 1346.9 148.1 275.1#
63 10926.6 133.3 247.7#

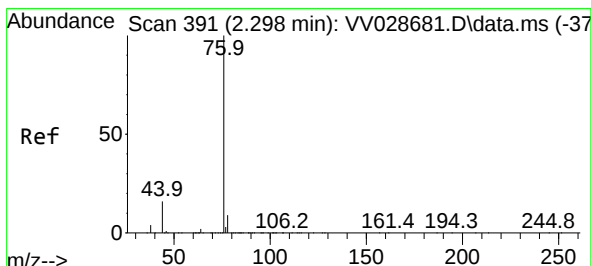
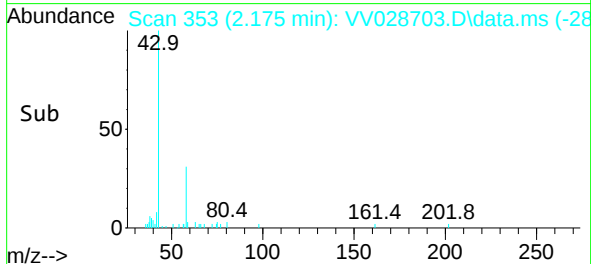
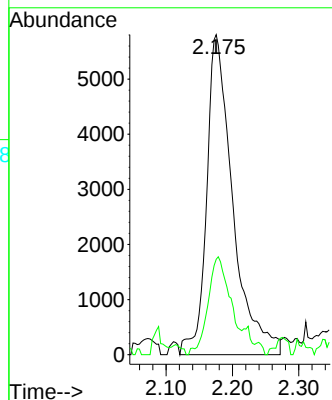
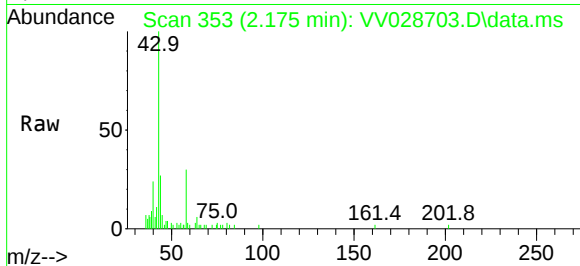




#13
Acetone
Concen: 12.072 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.074 min
Lab File: VV028703.D
Acq: 26 Oct 2022 18:51

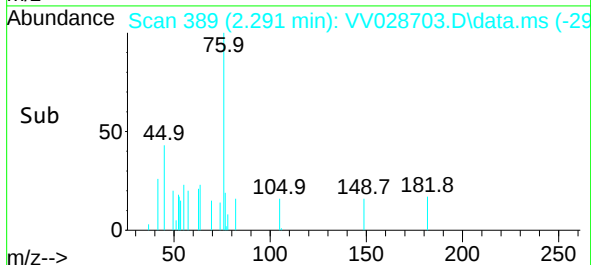
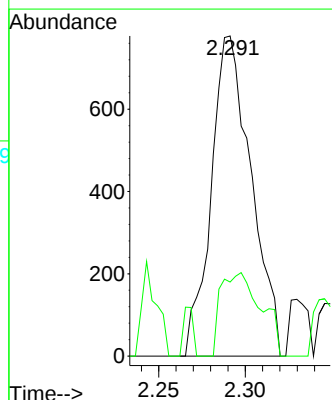
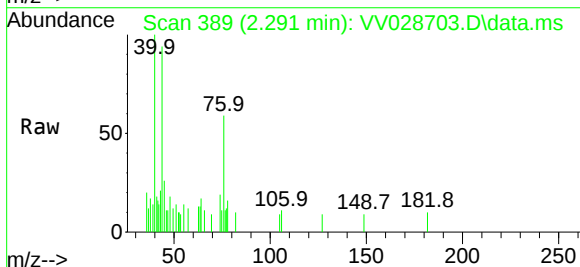
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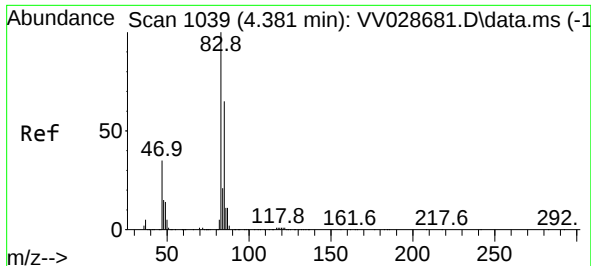
Tgt Ion: 43 Resp: 15949
Ion Ratio Lower Upper
43 100
58 25.9 0.0 50.2



#14
Carbon disulfide
Concen: 0.070 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.006 min
Lab File: VV028703.D
Acq: 26 Oct 2022 18:51

Tgt Ion: 76 Resp: 1251
Ion Ratio Lower Upper
76 100
78 23.1 7.1 10.7#





#25

Chloroform

Concen: 3.693 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. -0.010 min

Lab File: VV028703.D

Acq: 26 Oct 2022 18:51

Instrument :

MSVOA_V

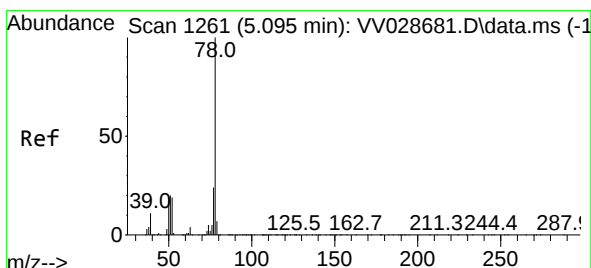
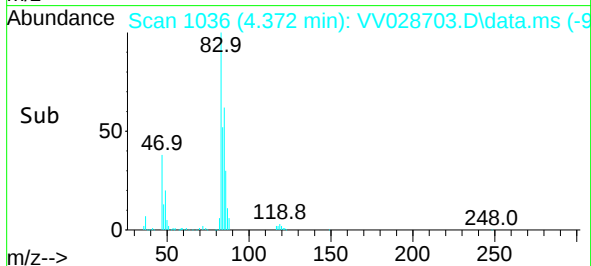
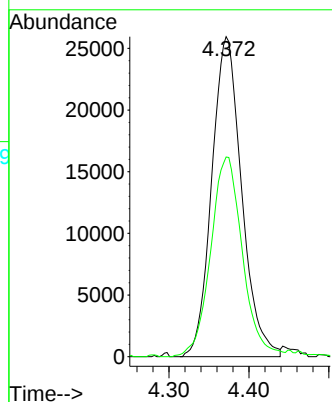
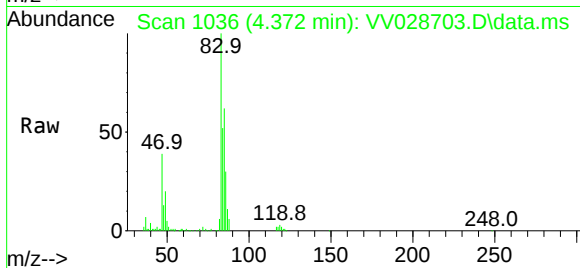
ClientSampleId :

Tgt Ion: 83 Resp: 67314

Ion Ratio Lower Upper

83 100

85 62.4 44.1 81.9



#33

Benzene

Concen: 0.047 ug/L

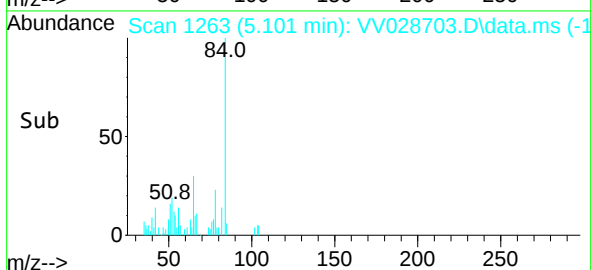
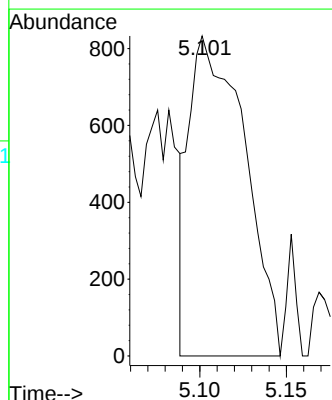
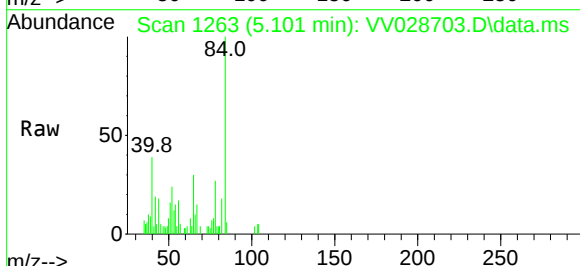
RT: 5.101 min Scan# 1263

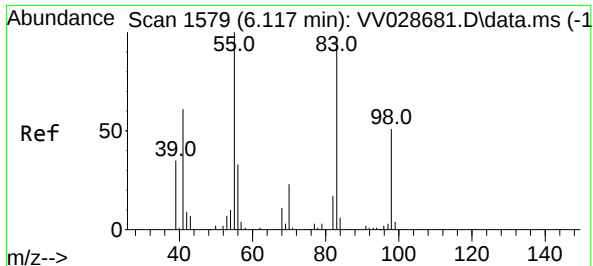
Delta R.T. 0.006 min

Lab File: VV028703.D

Acq: 26 Oct 2022 18:51

Tgt Ion: 78 Resp: 1858

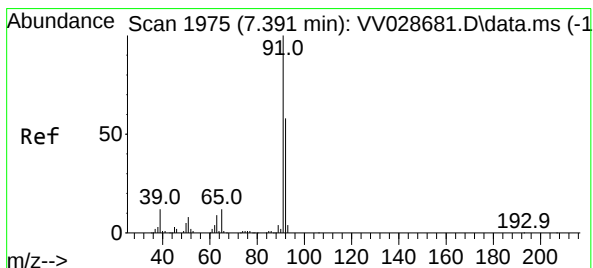
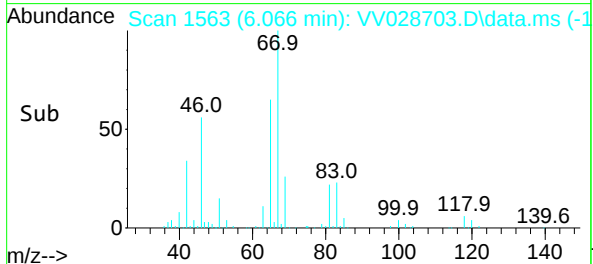
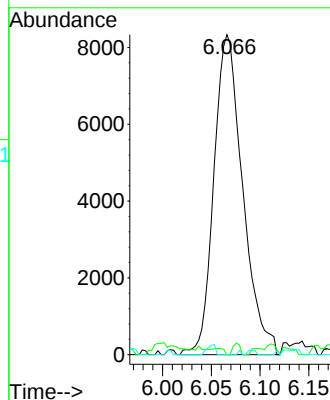
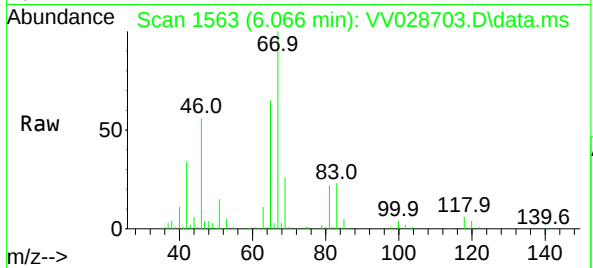




#35
Methylcyclohexane
Concen: 1.256 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.051 min
Lab File: VV028703.D
Acq: 26 Oct 2022 18:51

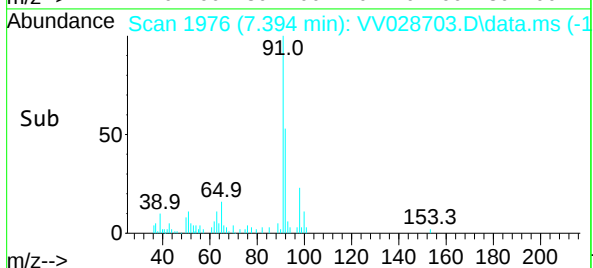
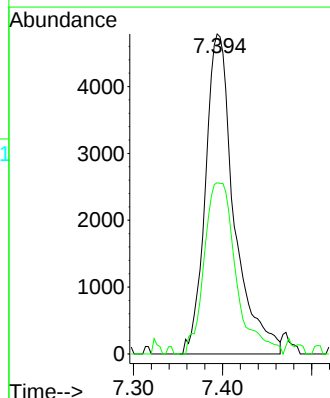
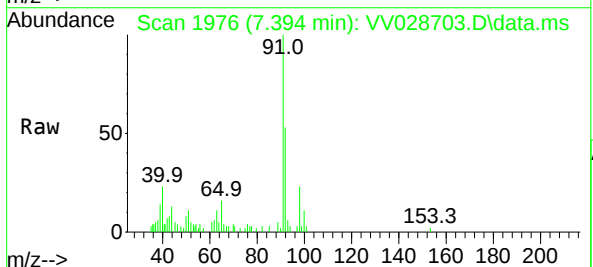
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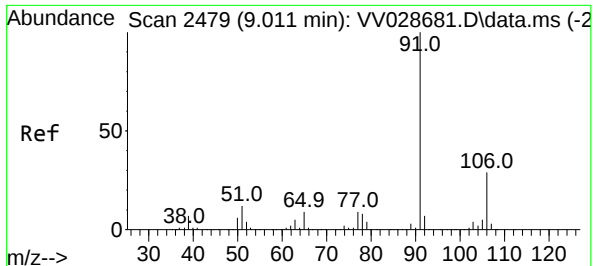
Tgt Ion: 83 Resp: 17135
Ion Ratio Lower Upper
83 100
55 0.9 70.0 105.0#
98 0.1 35.6 53.4#



#42
Toluene
Concen: 0.283 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV028703.D
Acq: 26 Oct 2022 18:51

Tgt Ion: 91 Resp: 10707
Ion Ratio Lower Upper
91 100
92 53.5 40.5 75.3

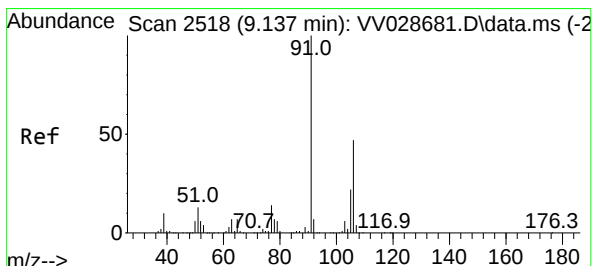
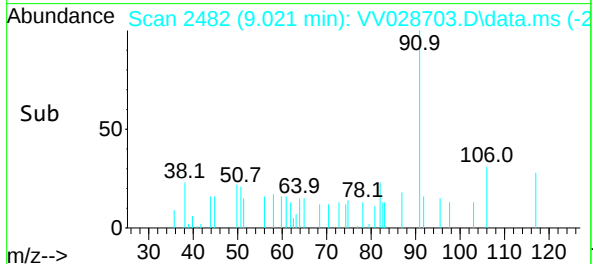
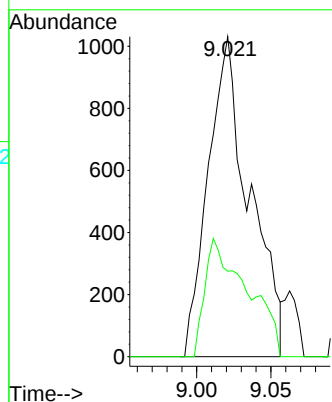
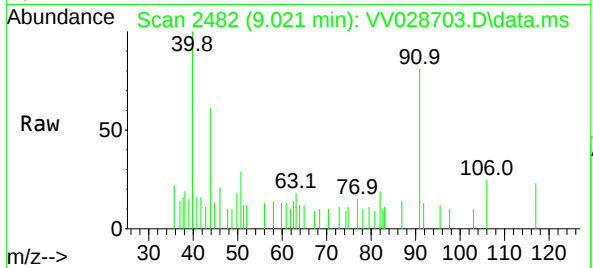




#52
Ethylbenzene
Concen: 0.047 ug/L
RT: 9.021 min Scan# 2479
Delta R.T. 0.010 min
Lab File: VV028703.D
Acq: 26 Oct 2022 18:51

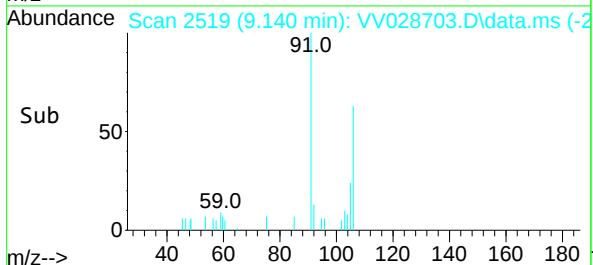
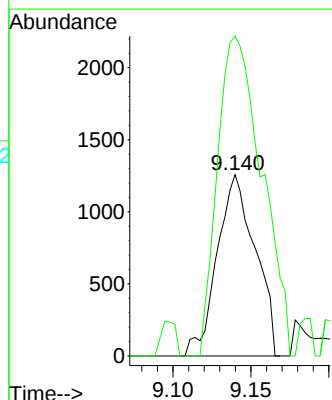
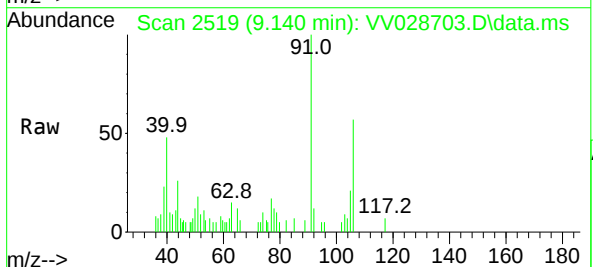
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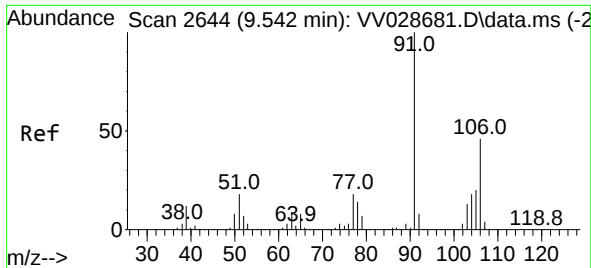
Tgt Ion: 91 Resp: 1993
Ion Ratio Lower Upper
91 100
106 26.7 21.3 39.6



#53
m,p-Xylene
Concen: 0.141 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV028703.D
Acq: 26 Oct 2022 18:51

Tgt Ion: 106 Resp: 2134
Ion Ratio Lower Upper
106 100
91 176.5 145.5 270.1

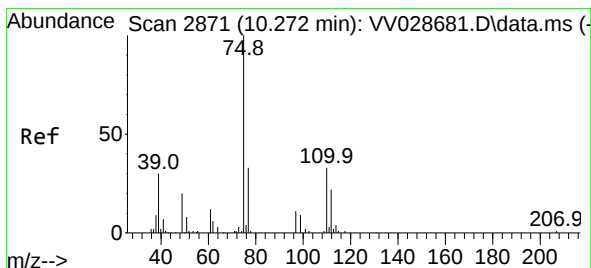
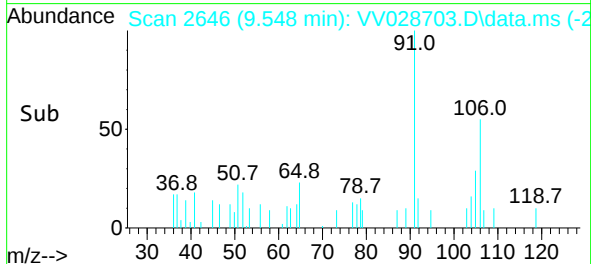
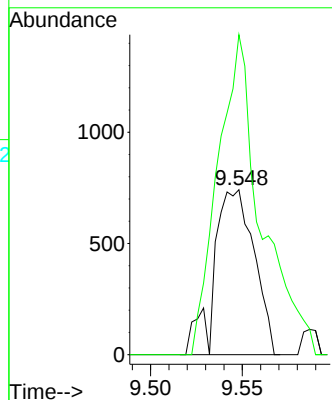
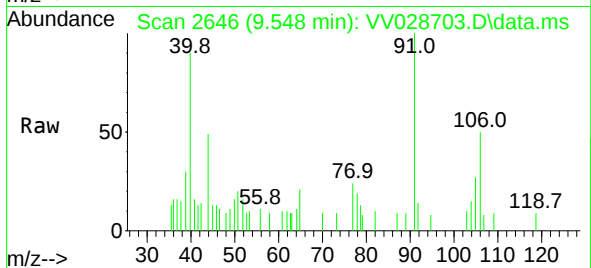




#54
o-Xylene
Concen: 0.074 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV028703.D
Acq: 26 Oct 2022 18:51

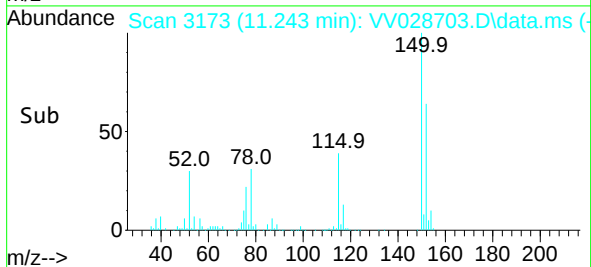
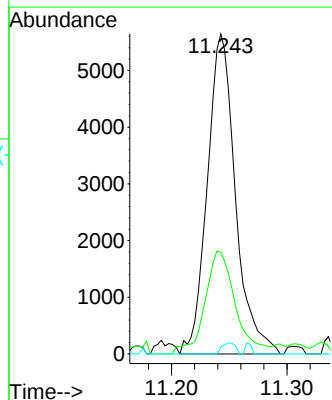
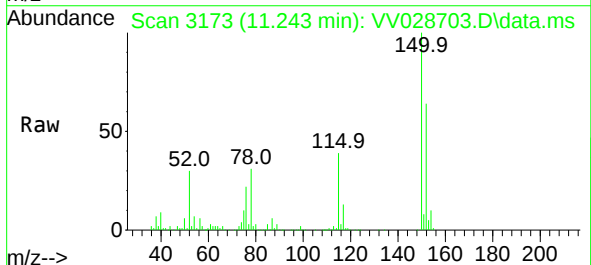
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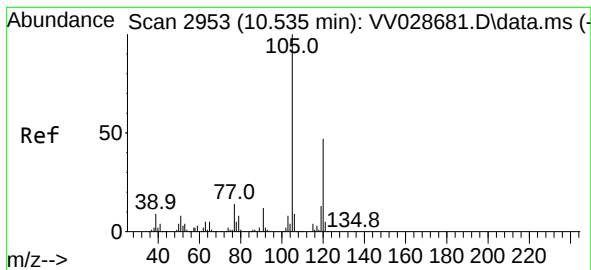
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Ion Ratio Lower Upper
106 100
91 193.9 159.0 295.4



#61
1,2,3-Trichloropropane
Concen: 1.964 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.971 min
Lab File: VV028703.D
Acq: 26 Oct 2022 18:51

Tgt Ion: 75 Resp: 9563
Ion Ratio Lower Upper
75 100
77 34.6 25.2 37.8
110 1.6 27.9 41.9#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.048 ug/L
 RT: 10.442 min Scan# 2953
 Delta R.T. -0.093 min
 Lab File: VV028703.D
 Acq: 26 Oct 2022 18:51

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:105 Resp: 502
 Ion Ratio Lower Upper
 105 100
 120 46.2 38.3 57.5

