

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081123\
 Data File : VV031794.D
 Acq On : 11 Aug 2023 10:45
 Operator : SY/MD
 Sample : 03962-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF4

Quant Time: Aug 12 05:19:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 12 05:18:45 2023
 Response via : Initial Calibration

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

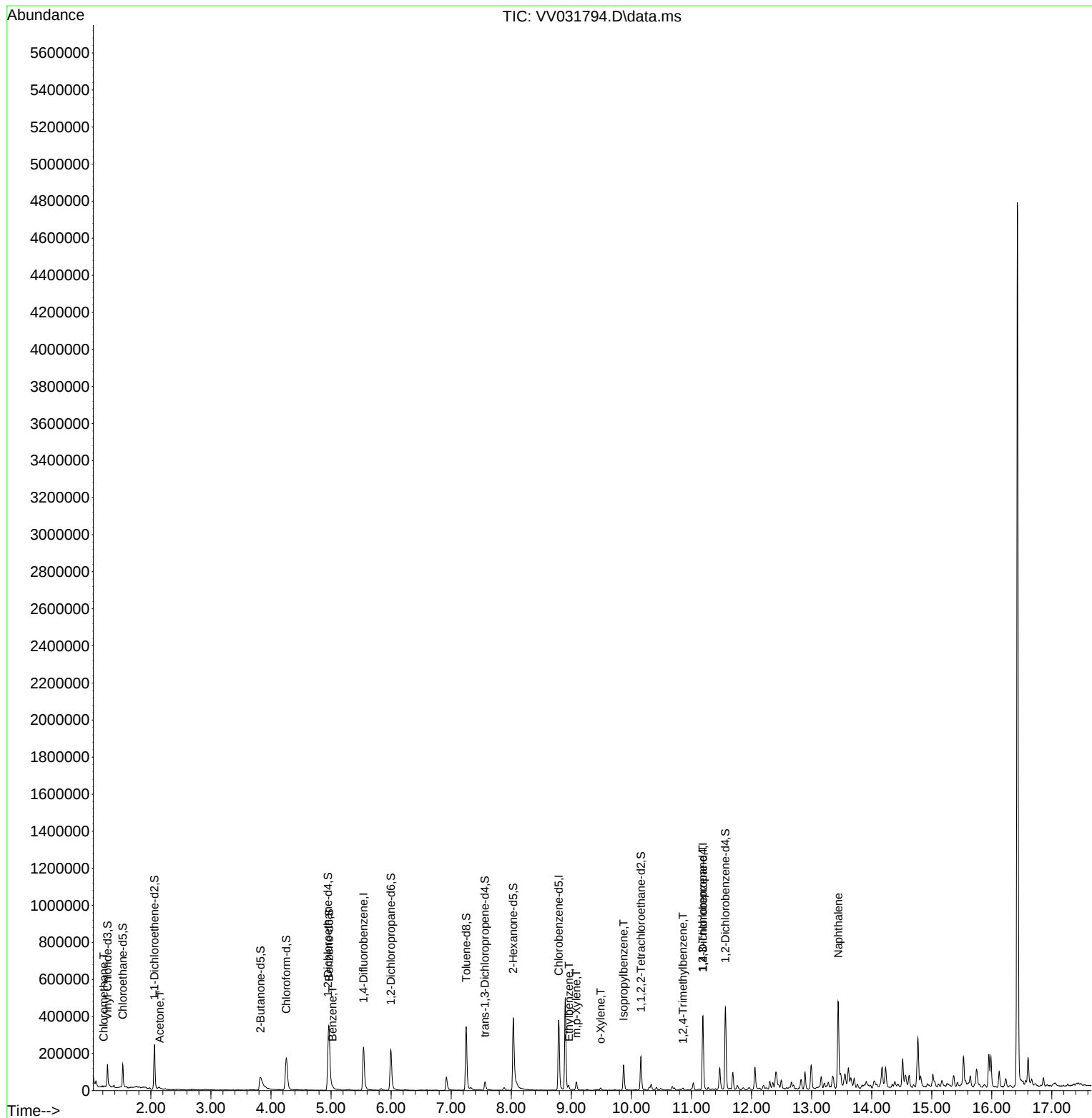
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	193637	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	212605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	99903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71001	4.140	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.532	69	77688	4.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.060	65	40439	4.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.825	46	150389	34.328	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.660%
24) Chloroform-d	4.256	84	191088	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	4.950	65	95699	5.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	4.966	84	306927	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	5.995	67	110710	4.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.249	98	243307	4.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.561	79	29858	4.202	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.034	63	141720	42.949	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.900%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	90088	5.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	112782	6.482	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.600%#
Target Compounds						Qvalue
3) Chloromethane	1.217	50	3428	0.157	ug/L	# 77
13) Acetone	2.146	43	10775	3.866	ug/L	93
33) Benzene	5.024	78	16736	0.310	ug/L	100
52) Ethylbenzene	8.960	91	12611	0.244	ug/L	100
53) m,p-Xylene	9.085	106	11455	0.599	ug/L	96
54) o-Xylene	9.487	106	2922	0.165	ug/L	98
60) Isopropylbenzene	9.870	105	78555	1.775	ug/L	98
61) 1,2,3-Trichloropropane	11.188	75	12904	1.453	ug/L	# 62
63) 1,2,4-Trimethylbenzene	10.860	105	4352	0.122	ug/L	99
71) Naphthalene	13.445	128	290426	13.025	ug/L	100

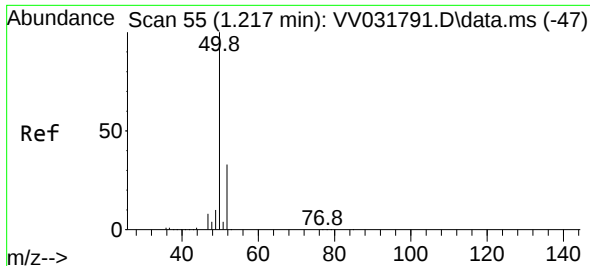
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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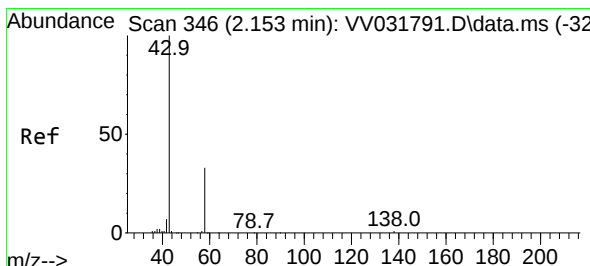
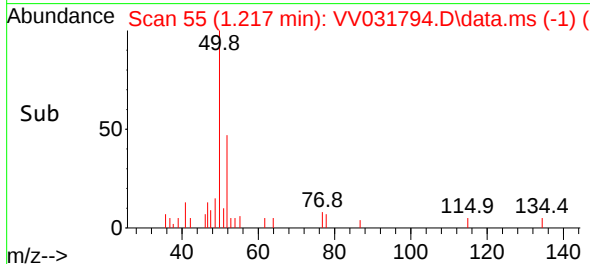
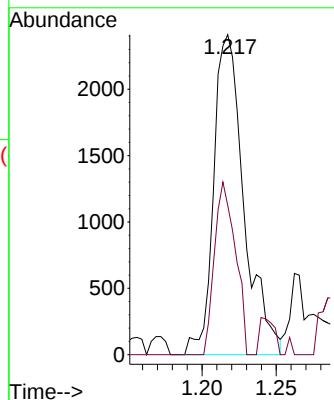
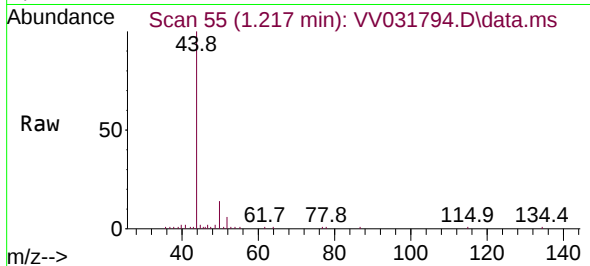




#3
Chloromethane
Concen: 0.157 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

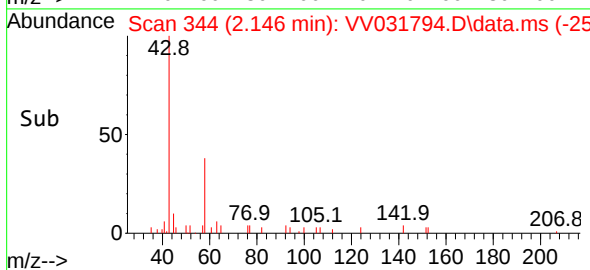
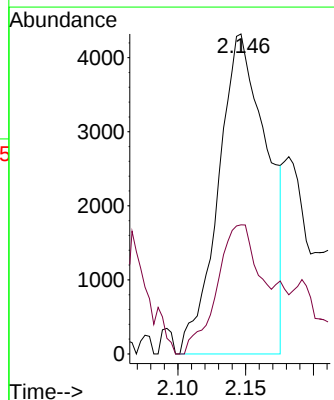
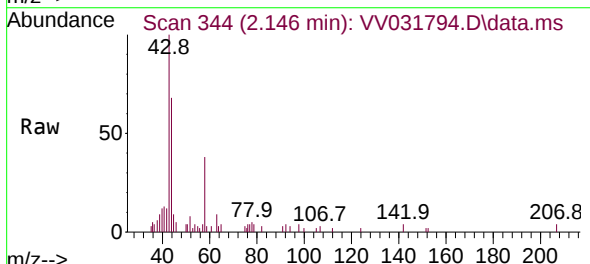
Instrument :
MSVOA_V
ClientSampleId :
C0AF4

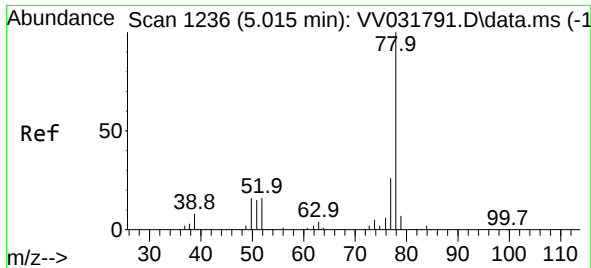
Tgt Ion: 50 Resp: 3428
Ion Ratio Lower Upper
50 100
52 46.7 23.5 43.7#



#13
Acetone
Concen: 3.866 ug/L
RT: 2.146 min Scan# 344
Delta R.T. -0.006 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Tgt Ion: 43 Resp: 10775
Ion Ratio Lower Upper
43 100
58 36.0 0.0 64.6

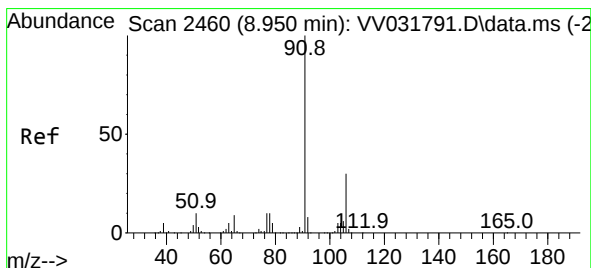
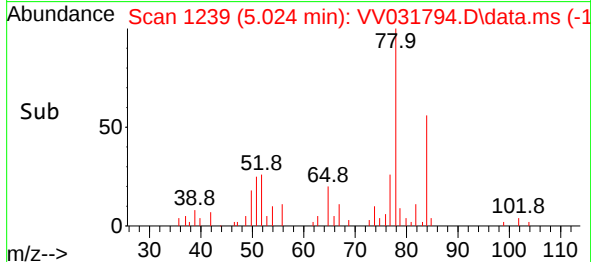
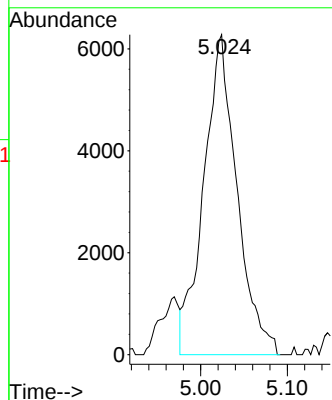
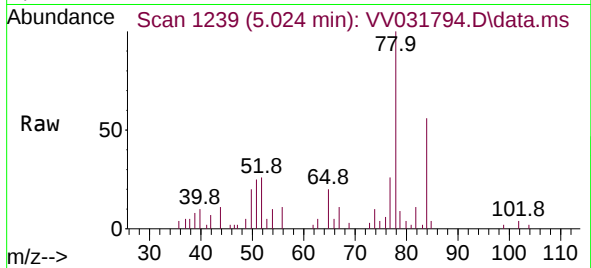




#33
Benzene
Concen: 0.310 ug/L
RT: 5.024 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

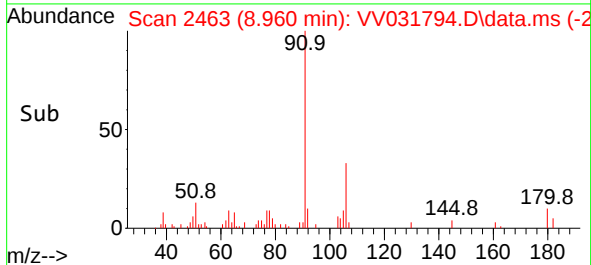
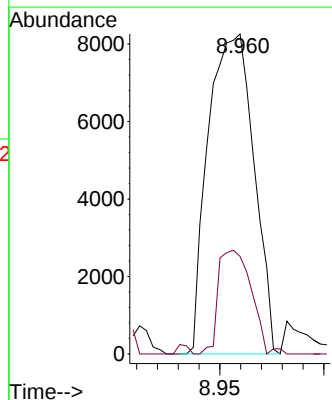
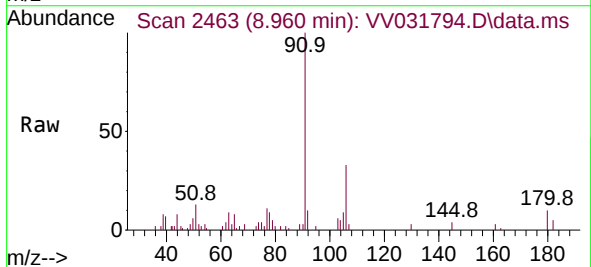
Instrument :
MSVOA_V
ClientSampleId :
C0AF4

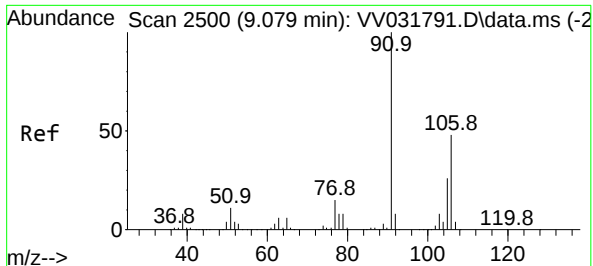
Tgt Ion: 78 Resp: 16736



#52
Ethylbenzene
Concen: 0.244 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.010 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Tgt Ion: 91 Resp: 12611
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4





#53

m,p-Xylene

Concen: 0.599 ug/L

RT: 9.085 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV031794.D

Acq: 11 Aug 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

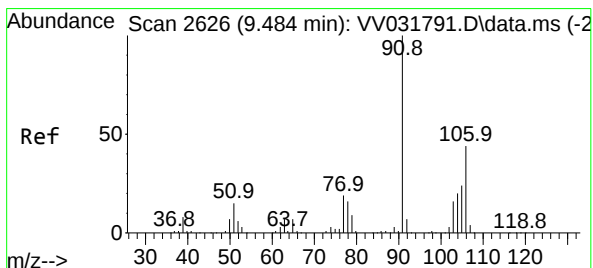
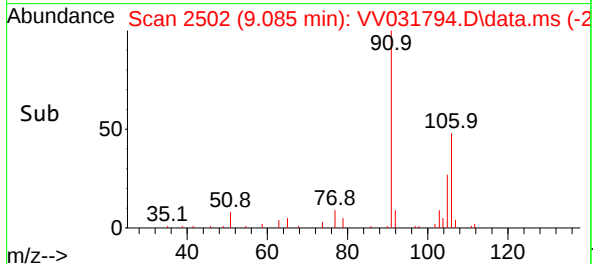
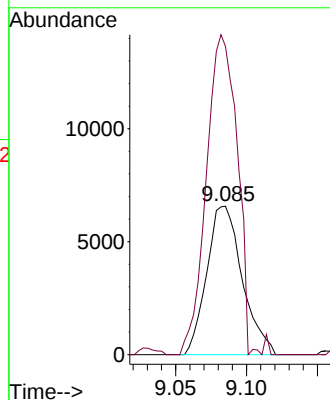
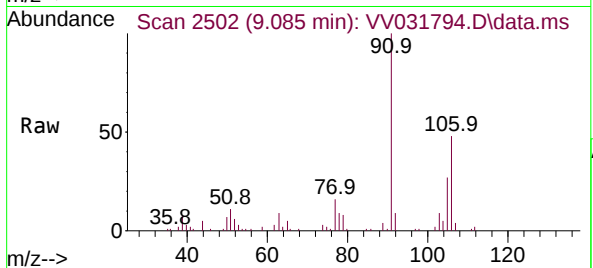
C0AF4

Tgt Ion:106 Resp: 11455

Ion Ratio Lower Upper

106 100

91 207.7 149.9 278.3



#54

o-Xylene

Concen: 0.165 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. 0.003 min

Lab File: VV031794.D

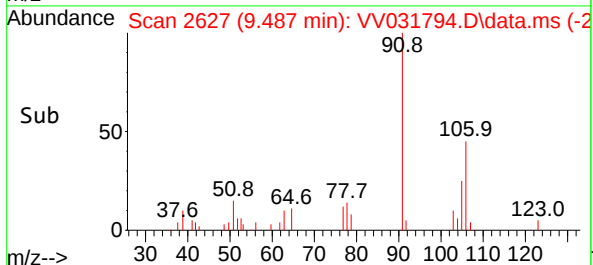
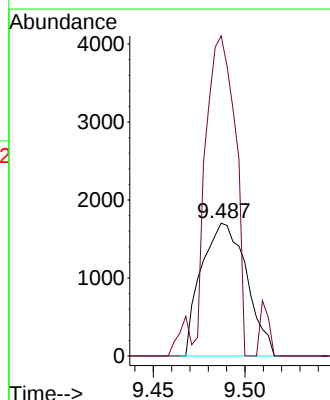
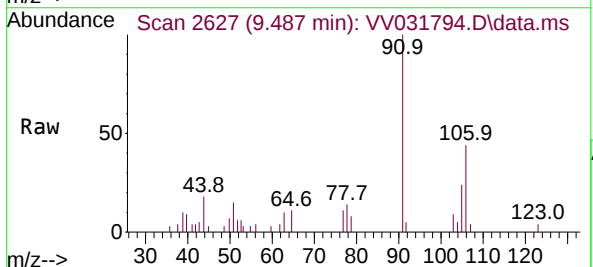
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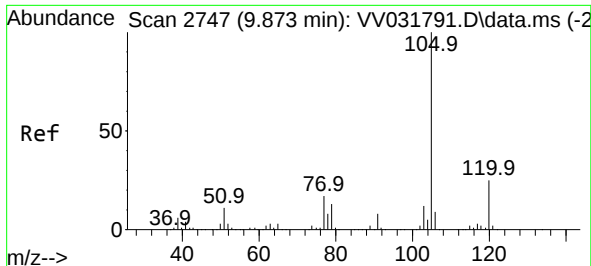
Tgt Ion:106 Resp: 2922

Ion Ratio Lower Upper

106 100

91 241.0 166.7 309.5

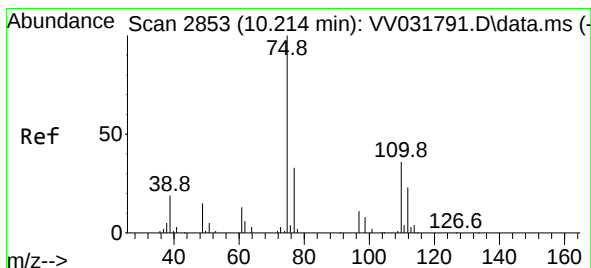
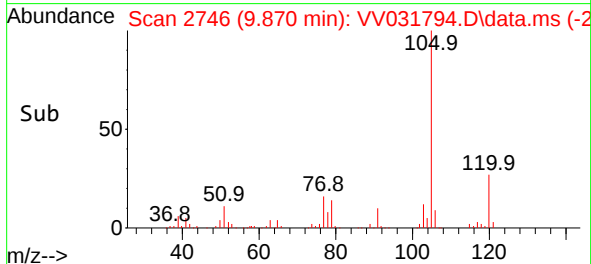
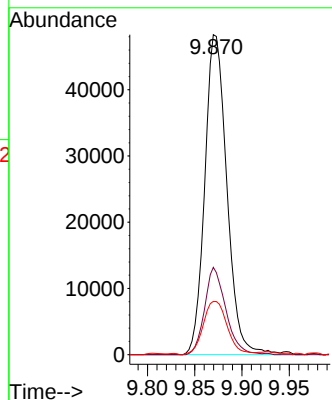
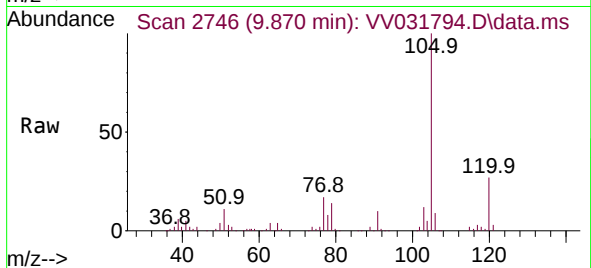




#60
Isopropylbenzene
Concen: 1.775 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

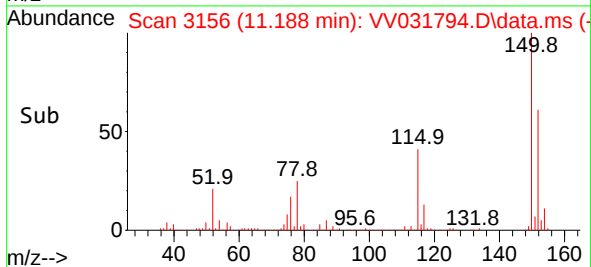
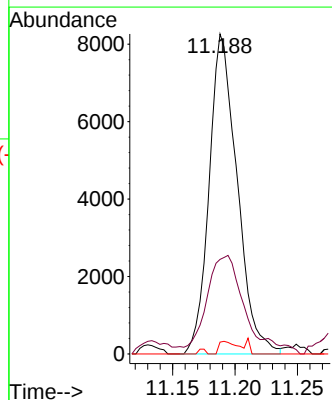
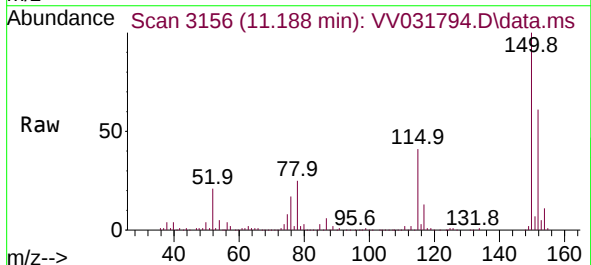
Instrument :
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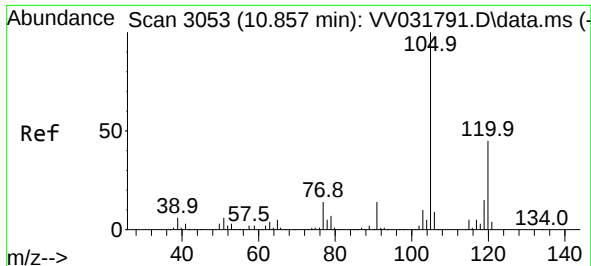
Tgt Ion:105 Resp: 78555
Ion Ratio Lower Upper
105 100
120 26.1 20.0 30.0
77 18.1 14.2 21.4



#61
1,2,3-Trichloropropane
Concen: 1.453 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Tgt Ion: 75 Resp: 12904
Ion Ratio Lower Upper
75 100
77 41.9 25.9 38.9#
110 2.6 28.6 42.8#

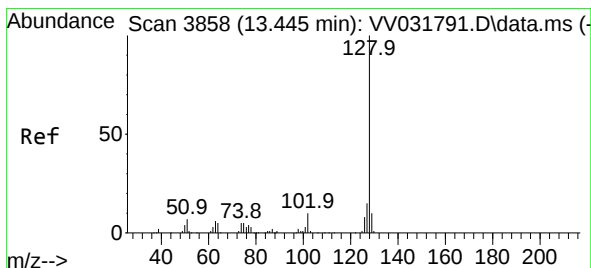
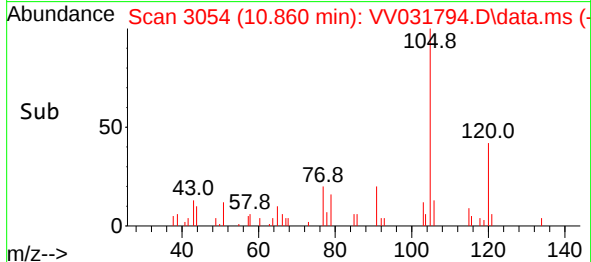
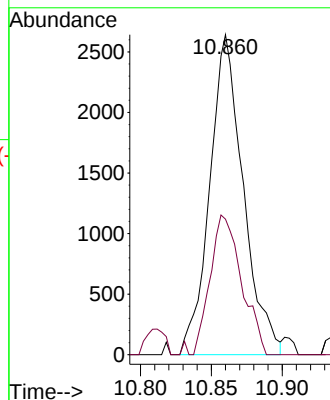
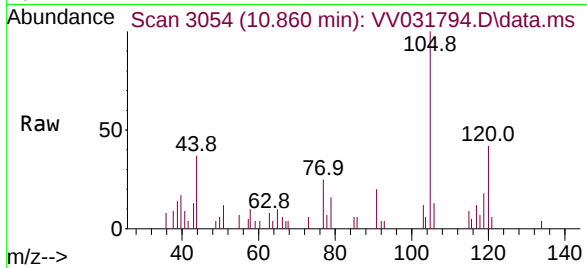




#63
1,2,4-Trimethylbenzene
Concen: 0.122 ug/L
RT: 10.860 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Instrument :
MSVOA_V
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Tgt Ion:105 Resp: 4352
Ion Ratio Lower Upper
105 100
120 40.9 33.4 50.0



#71
Naphthalene
Concen: 13.025 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.000 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Tgt Ion:128 Resp: 290426
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 14.6 11.6 17.4

