

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028484.D
 Acq On : 09 Oct 2022 14:18
 Operator : SY/MD
 Sample : N4923-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10031

Quant Time: Oct 10 05:27:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 10 05:21:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	366354	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	336327	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	179381	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	145925	51.622	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.240%
7) Chloroethane-d5	1.564	69	109363	48.791	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.580%
11) 1,1-Dichloroethene-d2	2.201	63	135	0.028	ug/L	0.09
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.060%#
21) 2-Butanone-d5	3.902	46	206475	83.438	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.440%
24) Chloroform-d	4.339	84	263425	50.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.620%
26) 1,2-Dichloroethane-d4	5.027	65	174200	52.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.200%
32) Benzene-d6	5.043	84	559993	51.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.920%
36) 1,2-Dichloropropane-d6	6.063	67	172814	49.182	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.360%
41) Toluene-d8	7.310	98	504899	52.328	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.660%
43) trans-1,3-Dichloroprop...	7.616	79	85355	47.658	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.320%
47) 2-Hexanone-d5	8.085	63	173742	90.897	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.900%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	220076	45.770	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.540%
66) 1,2-Dichlorobenzene-d4	11.615	152	186586	50.199	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.400%

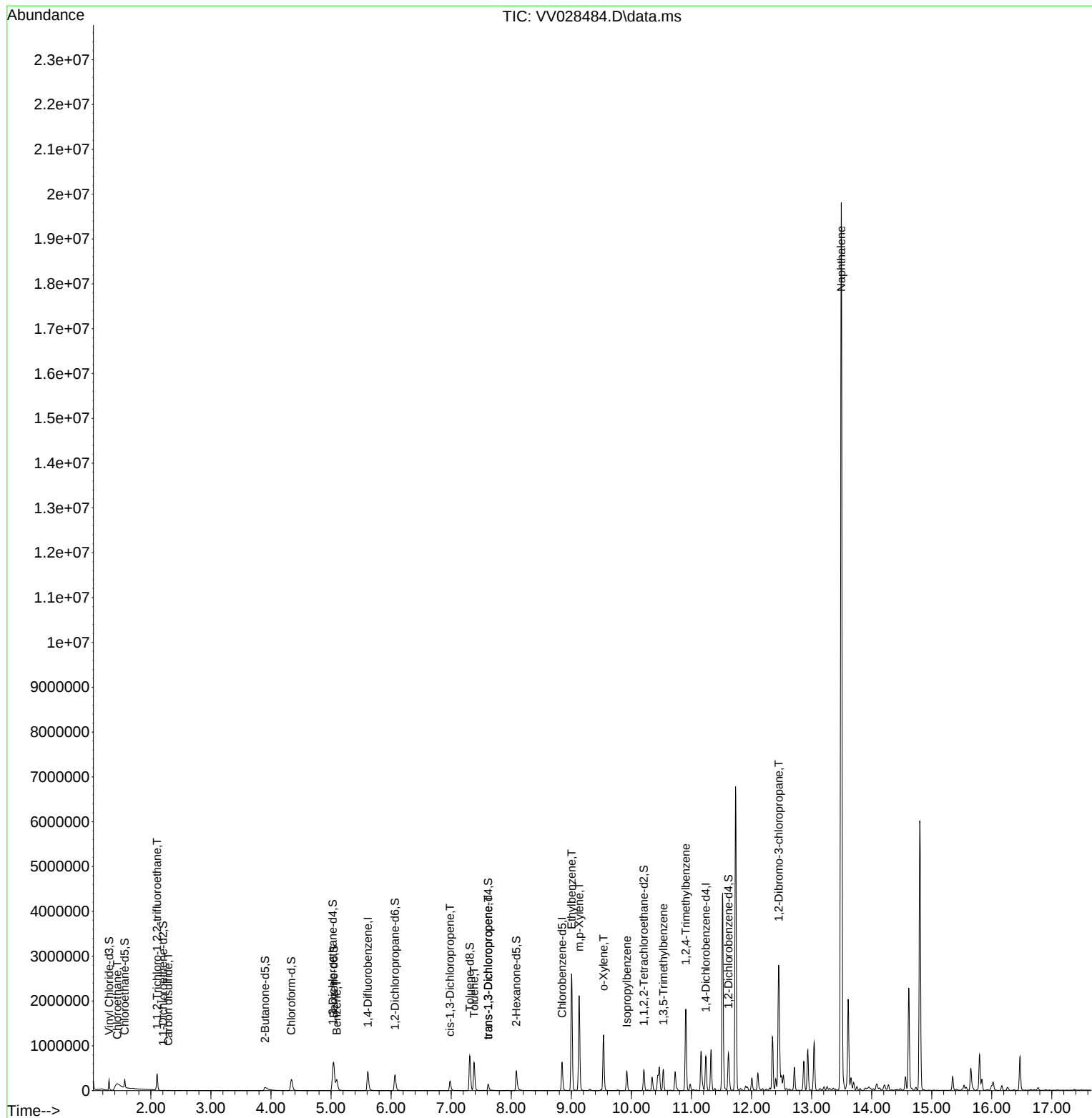
Target Compounds					Qvalue
8) Chloroethane	1.439	64	653755	345.583	ug/L # 52
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1748	0.801	ug/L # 20
14) Carbon disulfide	2.288	76	4250	0.620	ug/L 98
33) Benzene	5.095	78	254669	23.023	ug/L 100
39) cis-1,3-Dichloropropene	6.982	75	5581	1.183	ug/L # 56
42) Toluene	7.381	91	450397	39.503	ug/L 99
44) trans-1,3-Dichloropropene	7.616	75	3975	0.878	ug/L 89
52) Ethylbenzene	9.005	91	1783767	143.539	ug/L 100
53) m,p-Xylene	9.130	106	572817	121.611	ug/L 98
54) o-Xylene	9.535	106	312451	66.249	ug/L 98
60) Isopropylbenzene	9.924	105	267055	20.660	ug/L 99
62) 1,3,5-Trimethylbenzene	10.532	105	241543	21.576	ug/L 100
63) 1,2,4-Trimethylbenzene	10.905	105	972649	87.530	ug/L 99
68) 1,2-Dibromo-3-chloropr...	12.455	75	61919	52.984	ug/L # 2
71) Naphthalene	13.493	128	14269679	1212.191	ug/L 96

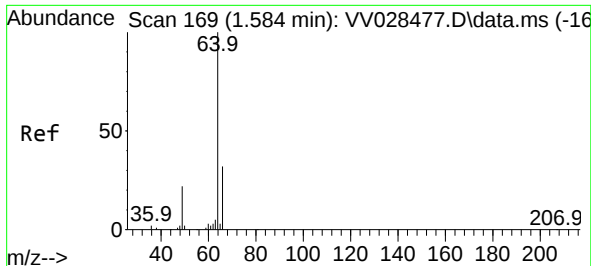
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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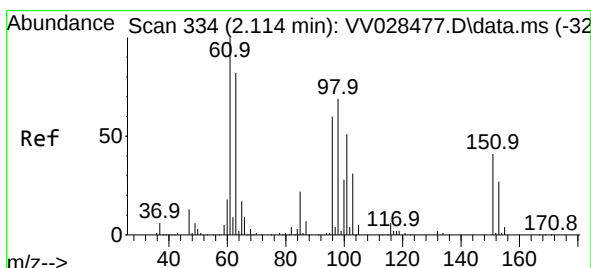
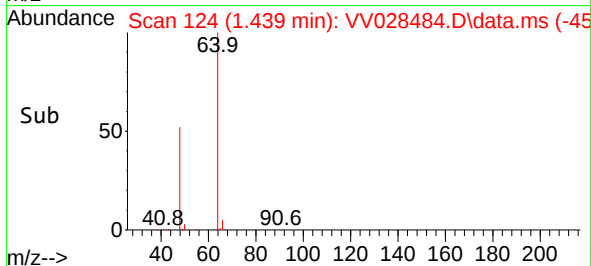
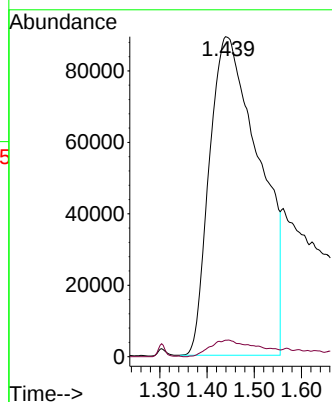
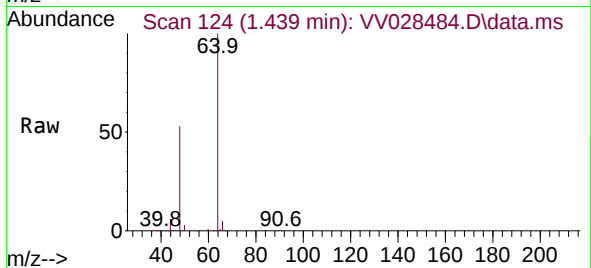




#8
Chloroethane
Concen: 345.583 ug/L
RT: 1.439 min Scan# 11
Delta R.T. -0.145 min
Lab File: VV028484.D
Acq: 09 Oct 2022 14:18

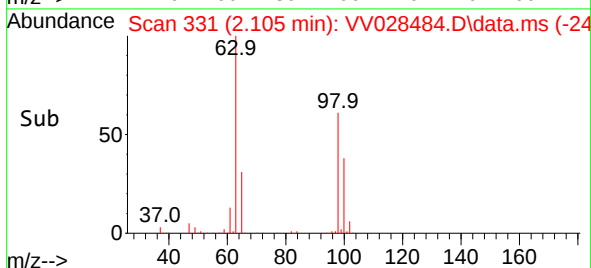
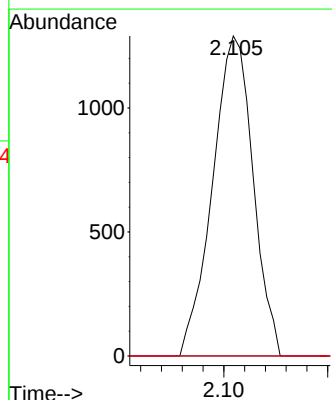
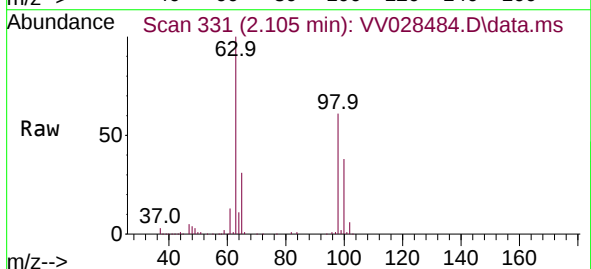
Instrument :
MSVOA_V
ClientSampleId :
E10031

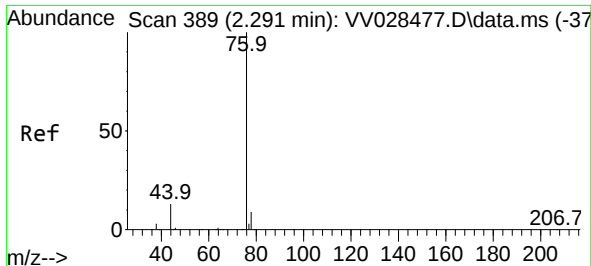
Tgt Ion: 64 Resp: 653755
Ion Ratio Lower Upper
64 100
66 5.1 22.2 41.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.801 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV028484.D
Acq: 09 Oct 2022 14:18

Tgt Ion:101 Resp: 1748
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 0.0 59.2 88.8#

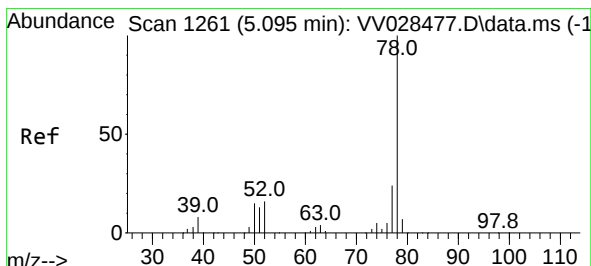
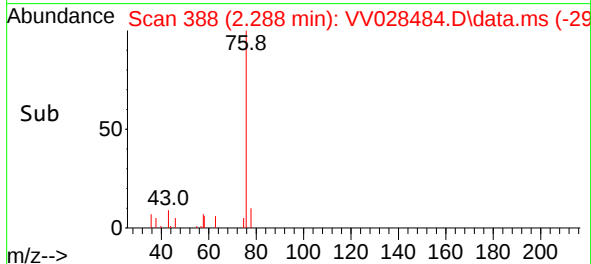
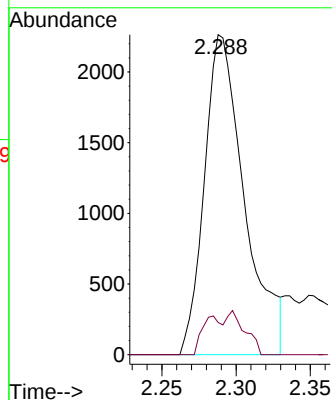
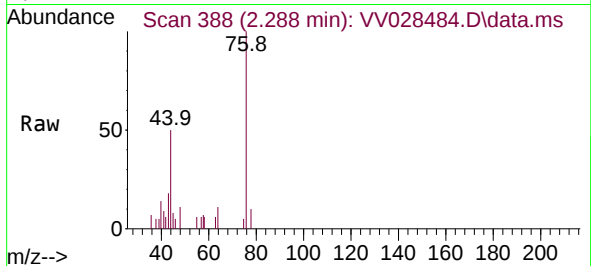




#14
Carbon disulfide
Concen: 0.620 ug/L
RT: 2.288 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV028484.D
Acq: 09 Oct 2022 14:18

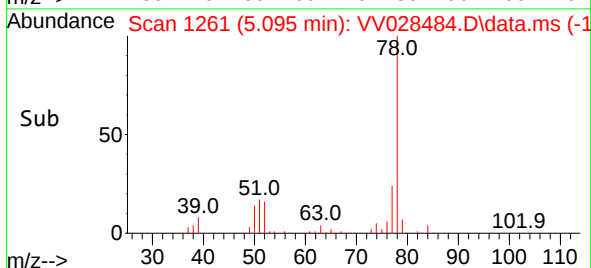
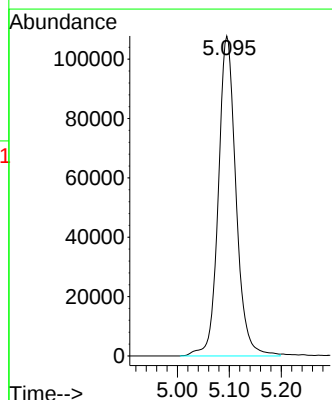
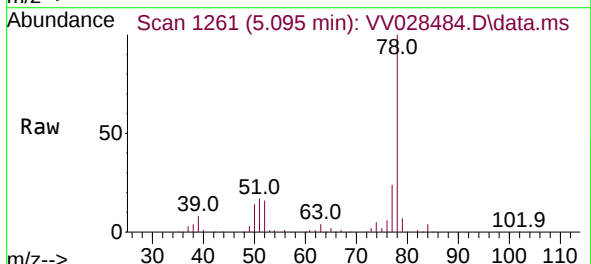
Instrument :
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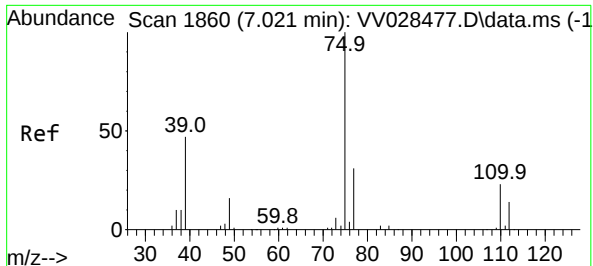
Tgt Ion: 76 Resp: 4250
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#33
Benzene
Concen: 23.023 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV028484.D
Acq: 09 Oct 2022 14:18

Tgt Ion: 78 Resp: 254669





#39

cis-1,3-Dichloropropene

Concen: 1.183 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.039 min

Lab File: VV028484.D

Acq: 09 Oct 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

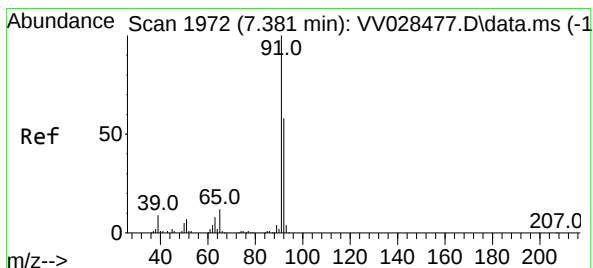
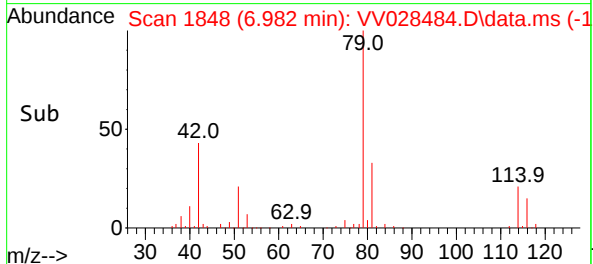
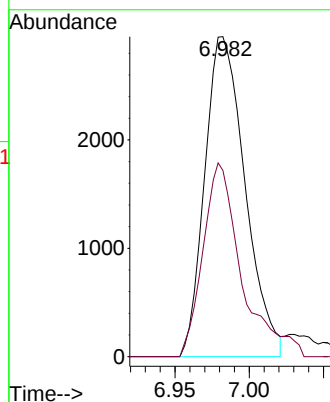
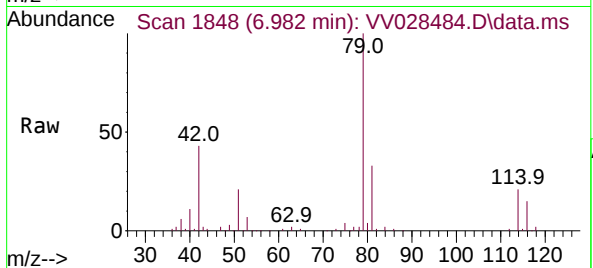
E10031

Tgt Ion: 75 Resp: 5581

Ion Ratio Lower Upper

75 100

77 58.2 23.2 43.0#



#42

Toluene

Concen: 39.503 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VV028484.D

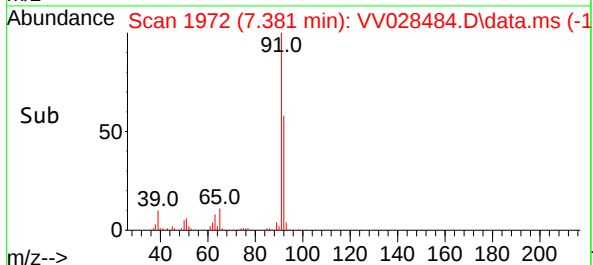
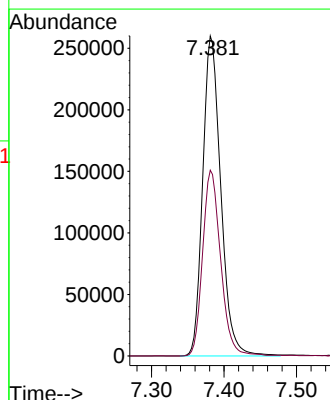
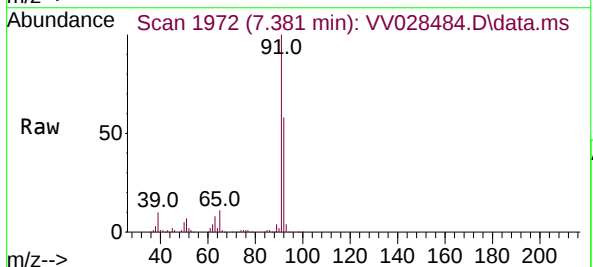
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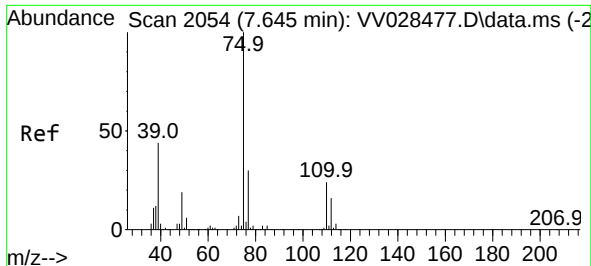
Tgt Ion: 91 Resp: 450397

Ion Ratio Lower Upper

91 100

92 58.1 40.9 76.0

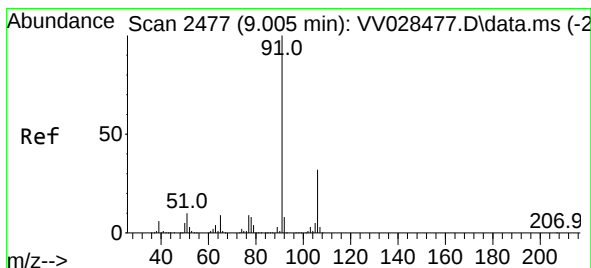
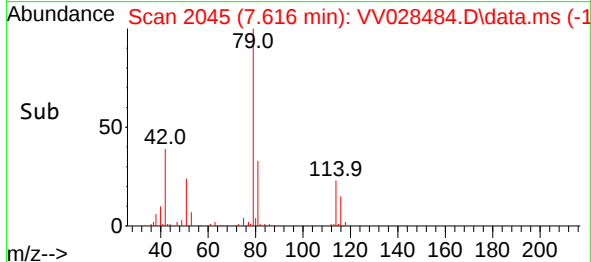
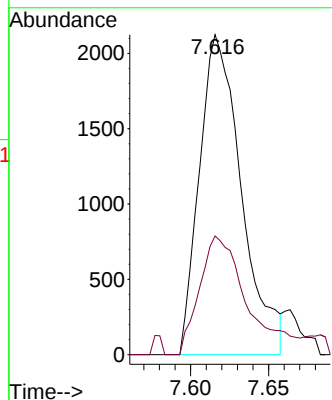
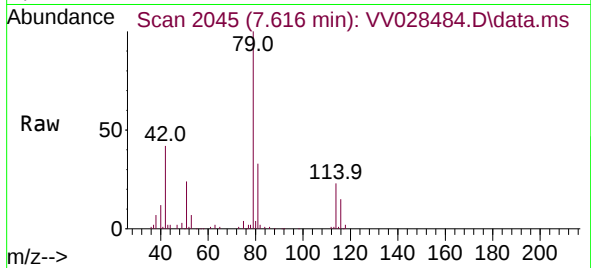




#44
trans-1,3-Dichloropropene
Concen: 0.878 ug/L
RT: 7.616 min Scan# 2054
Delta R.T. -0.029 min
Lab File: VV028484.D
Acq: 09 Oct 2022 14:18

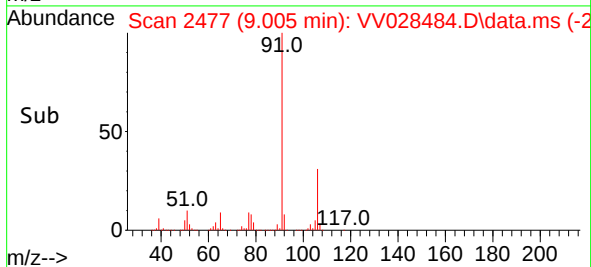
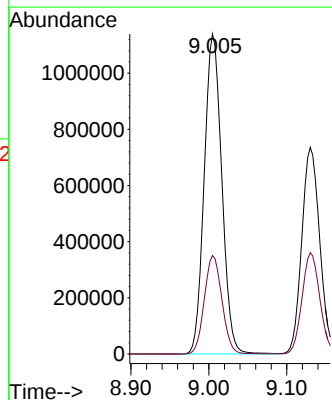
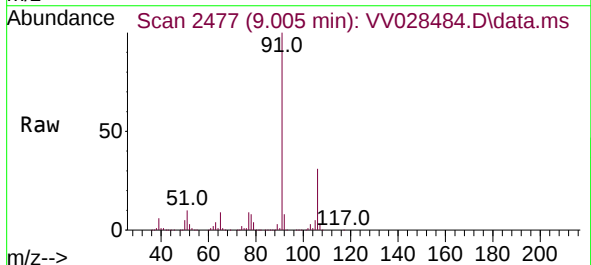
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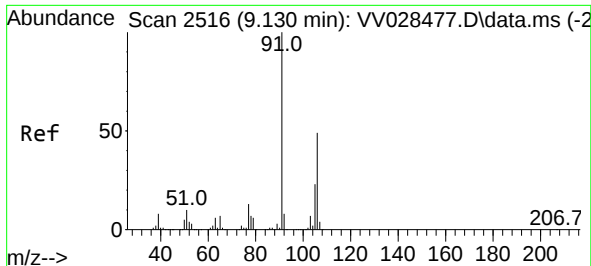
Tgt Ion: 75 Resp: 3975
Ion Ratio Lower Upper
75 100
77 37.1 21.8 40.4



#52
Ethylbenzene
Concen: 143.539 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028484.D
Acq: 09 Oct 2022 14:18

Tgt Ion: 91 Resp: 1783767
Ion Ratio Lower Upper
91 100
106 30.8 21.4 39.8

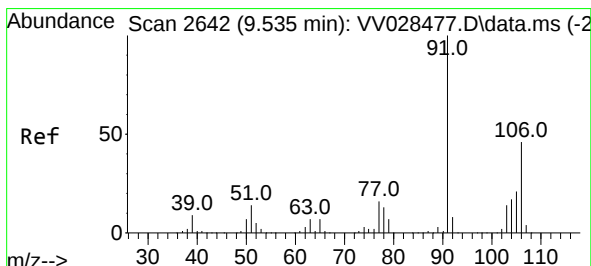
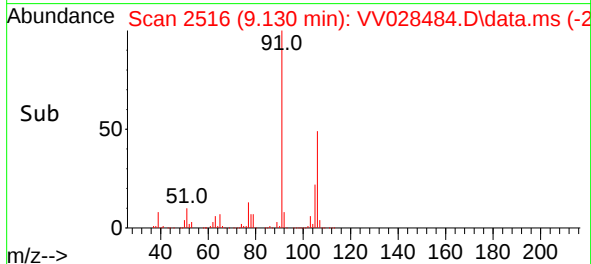
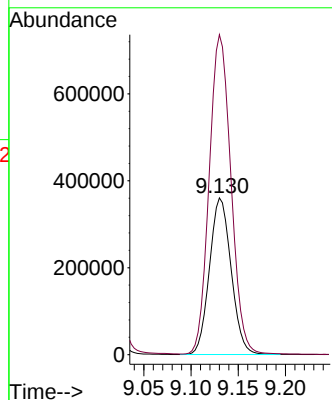
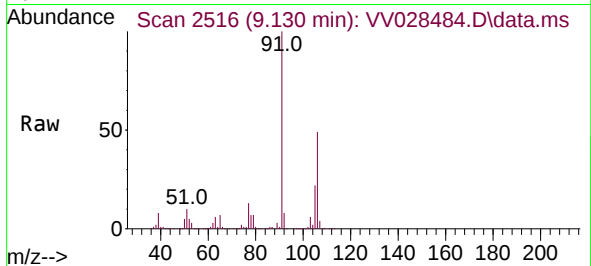




#53
m,p-Xylene
Concen: 121.611 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028484.D
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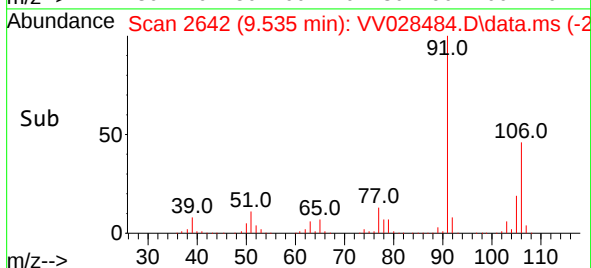
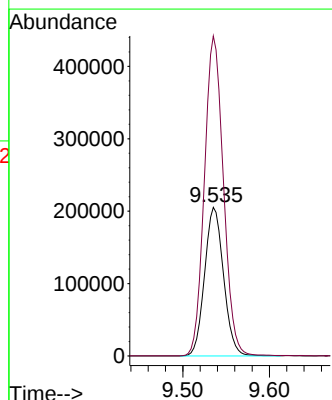
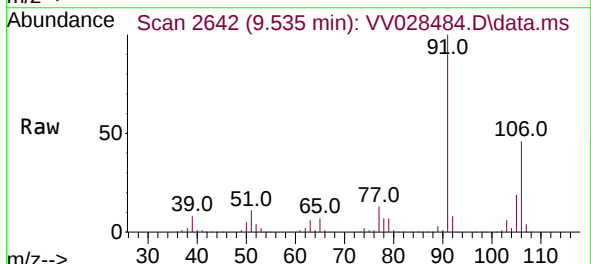
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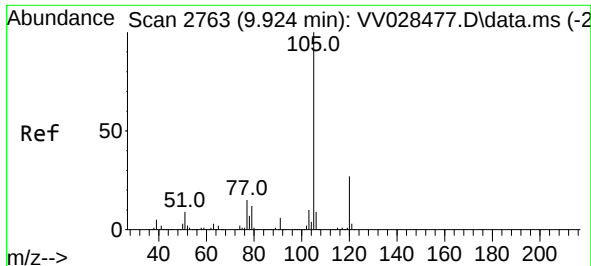
Tgt Ion:106 Resp: 572817
Ion Ratio Lower Upper
106 100
91 204.1 145.2 269.6



#54
o-Xylene
Concen: 66.249 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028484.D
Acq: 09 Oct 2022 14:18

Tgt Ion:106 Resp: 312451
Ion Ratio Lower Upper
106 100
91 215.2 152.5 283.3

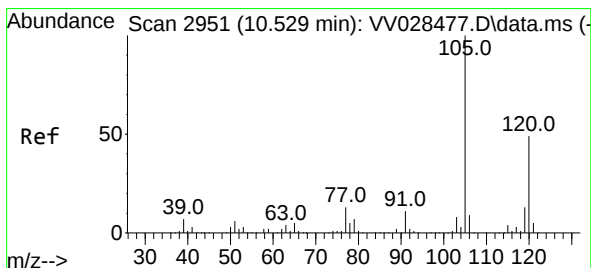
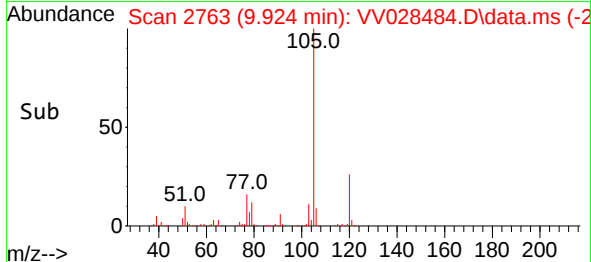
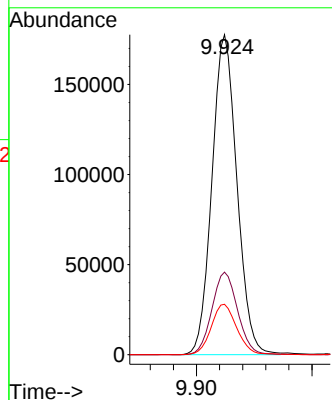
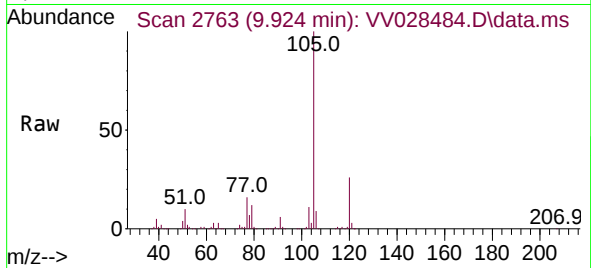




#60
Isopropylbenzene
Concen: 20.660 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028484.D
Acq: 09 Oct 2022 14:18

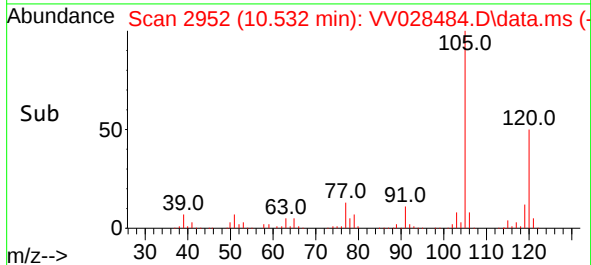
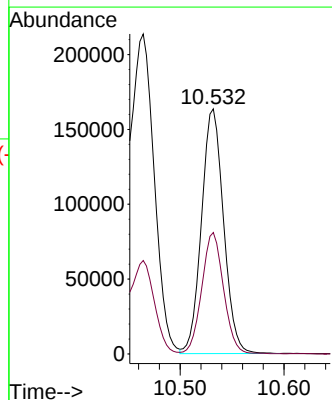
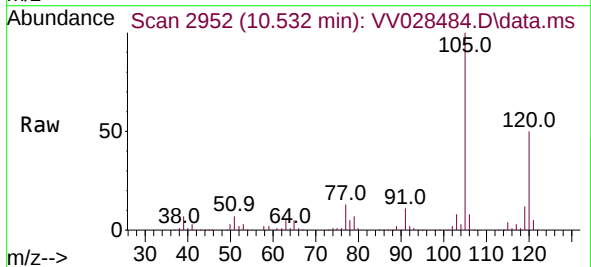
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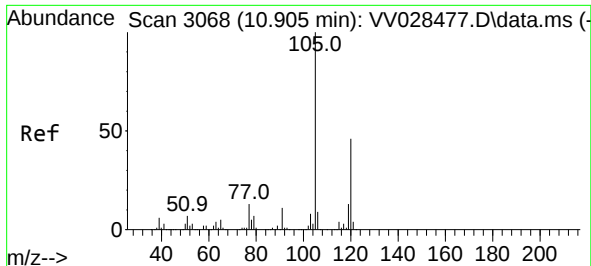
Tgt Ion:105 Resp: 267055
Ion Ratio Lower Upper
105 100
120 26.5 20.5 30.7
77 16.2 12.7 19.1



#62
1,3,5-Trimethylbenzene
Concen: 21.576 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VV028484.D
Acq: 09 Oct 2022 14:18

Tgt Ion:105 Resp: 241543
Ion Ratio Lower Upper
105 100
120 48.7 39.1 58.7

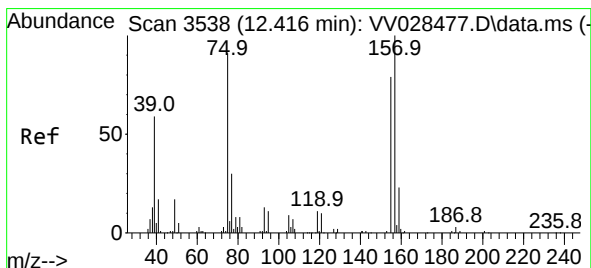
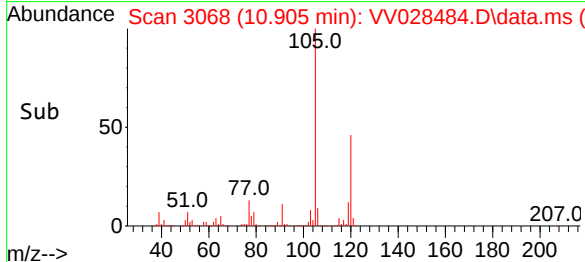
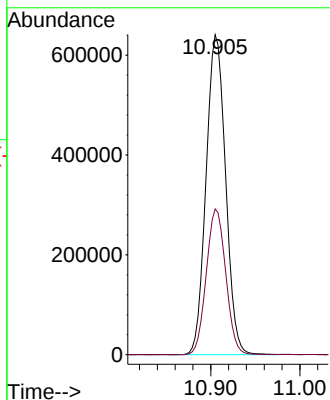
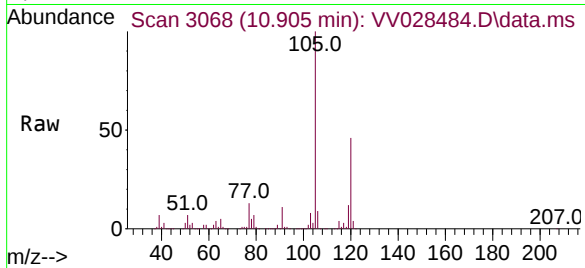




#63
 1,2,4-Trimethylbenzene
 Concen: 87.530 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. -0.000 min
 Lab File: VV028484.D
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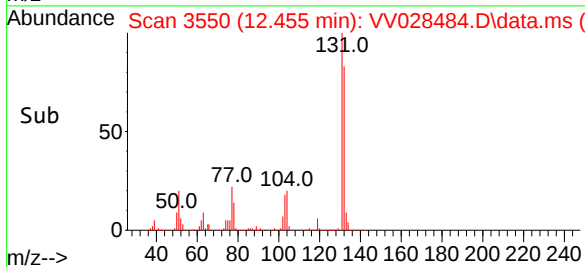
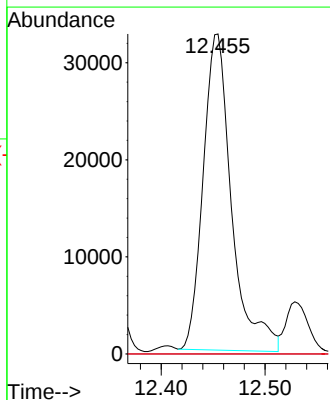
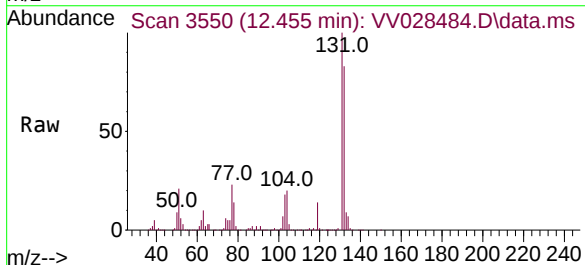
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 ClientSampleId :
 E10031

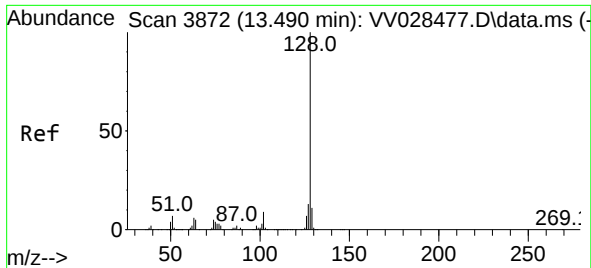
Tgt Ion:105 Resp: 972649
 Ion Ratio Lower Upper
 105 100
 120 45.5 35.9 53.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 52.984 ug/L
 RT: 12.455 min Scan# 3550
 Delta R.T. 0.039 min
 Lab File: VV028484.D
 Acq: 09 Oct 2022 14:18

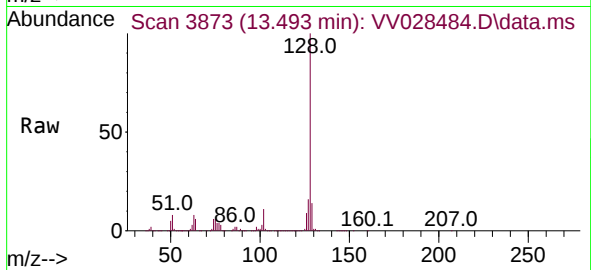
Tgt Ion: 75 Resp: 61919
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.0 97.6#
 157 0.0 86.0 129.0#





#71
Naphthalene
Concen: 1212.191 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV028484.D
Acq: 09 Oct 2022 14:18

Instrument :
MSVOA_V
ClientSampleId :
E10031



Tgt Ion:128 Resp:14269679

Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.6	15.8
129	12.7	8.9	13.3

