

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022224\
 Data File : VW034340.D
 Acq On : 22 Feb 2024 12:25
 Operator : SY/MD
 Sample : P1511-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNF0

Quant Time: Feb 23 01:16:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

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

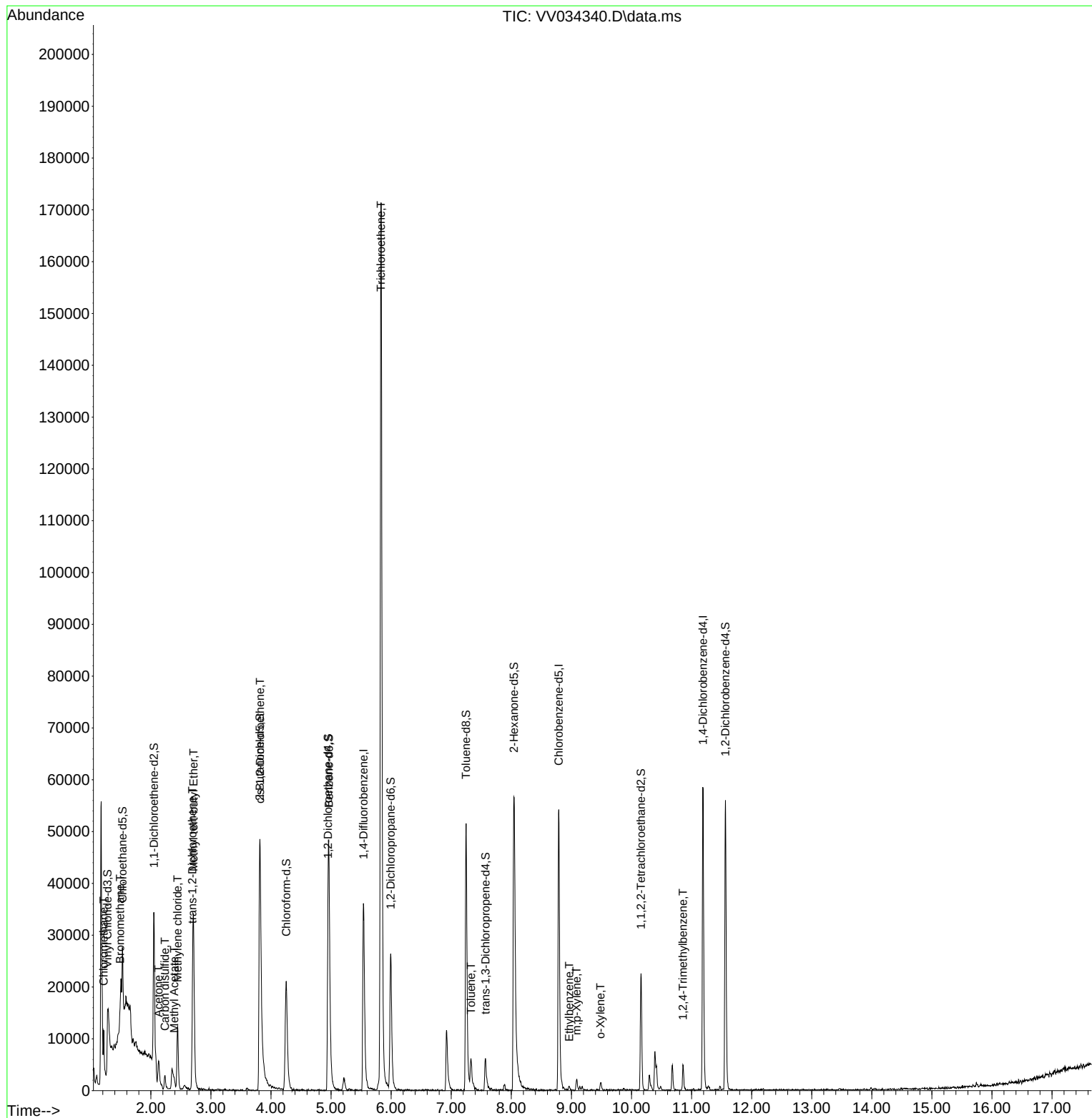
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	33405	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	31997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	15467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	9221	3.564	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.526	69	8226	3.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.050	65	5032	4.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	3.812	46	34659	79.767	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	159.540%#
24) Chloroform-d	4.253	84	23153	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	4.947	65	13836	6.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.000%
32) Benzene-d6	4.963	84	40995	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	5.992	67	12864	4.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.246	98	37007	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.571	79	4633	4.572	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.043	63	26557	73.419	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	146.840%#
56) 1,1,2,2-Tetrachloroeth...	10.159	84	11169	6.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	137.400%#
66) 1,2-Dichlorobenzene-d4	11.564	152	14462	5.141	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	5020	1.503	ug/L	98
6) Bromomethane	1.487	94	896	0.533	ug/L	97
13) Acetone	2.127	43	5696	17.280	ug/L #	42
14) Carbon disulfide	2.233	76	3936	0.521	ug/L #	93
15) Methyl Acetate	2.388	43	2216	2.841	ug/L	93
16) Methylene chloride	2.446	84	5136	2.294	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	30445	6.350	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	2727	1.147	ug/L	93
22) cis-1,2-Dichloroethene	3.818	96	18525	6.869	ug/L	98
34) Trichloroethene	5.831	95	58612	21.103	ug/L	97
42) Toluene	7.330	91	5381	0.525	ug/L	99
52) Ethylbenzene	8.963	91	999	0.085	ug/L	95
53) m,p-Xylene	9.088	106	865	0.194	ug/L	98
54) o-Xylene	9.484	106	648	0.151	ug/L #	50
63) 1,2,4-Trimethylbenzene	10.857	105	3504	0.373	ug/L	94

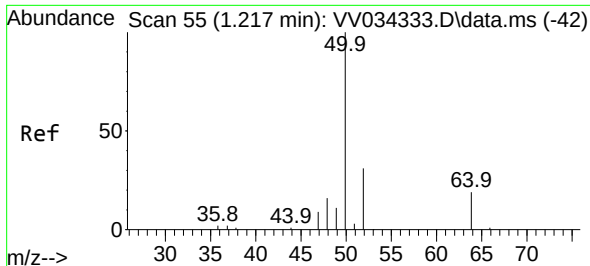
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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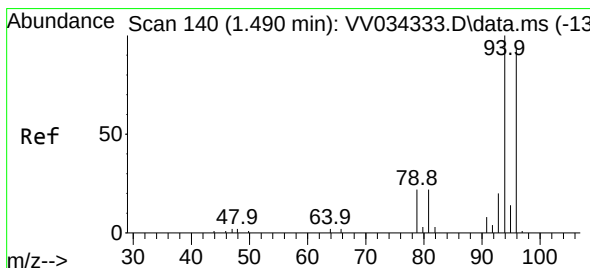
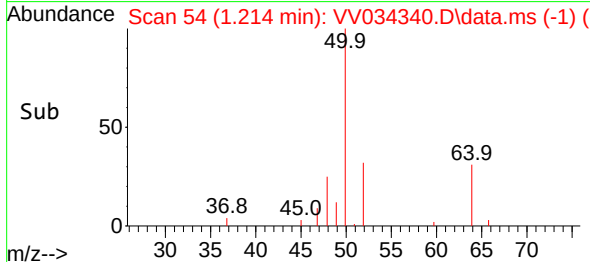
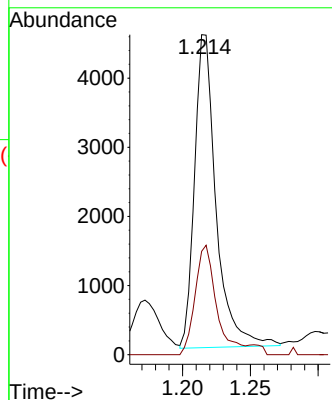
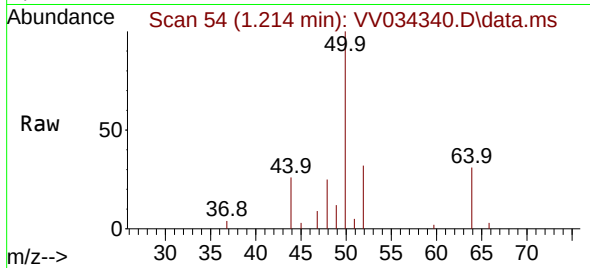




#3
Chloromethane
Concen: 1.503 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034340.D
Acq: 22 Feb 2024 12:25

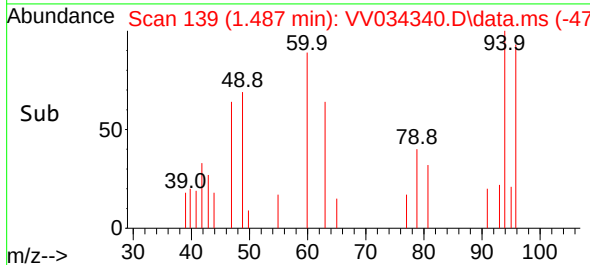
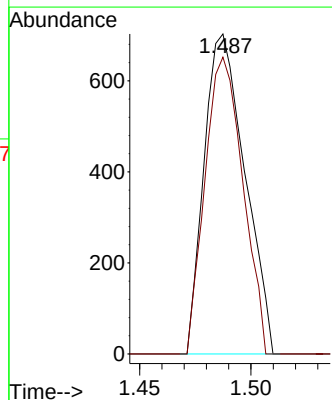
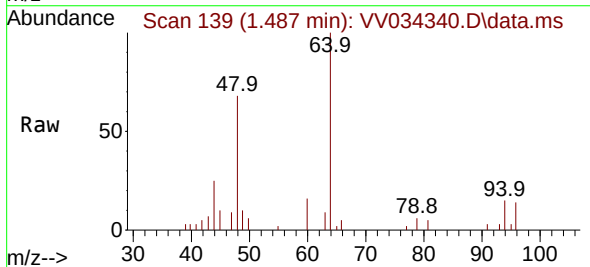
Instrument :
MSVOA_V
ClientSampleId :
DCNF0

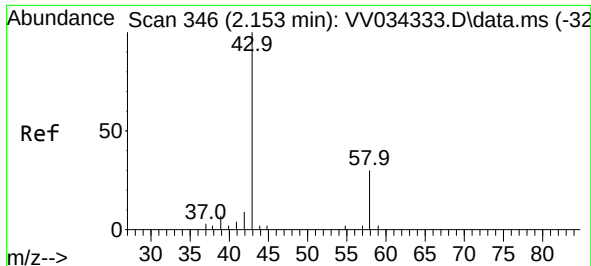
Tgt Ion: 50 Resp: 5020
Ion Ratio Lower Upper
50 100
52 32.3 23.4 43.4



#6
Bromomethane
Concen: 0.533 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV034340.D
Acq: 22 Feb 2024 12:25

Tgt Ion: 94 Resp: 896
Ion Ratio Lower Upper
94 100
96 92.7 66.6 123.8





#13

Acetone

Concen: 17.280 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV034340.D

Acq: 22 Feb 2024 12:25

Instrument :

MSVOA_V

ClientSampleId :

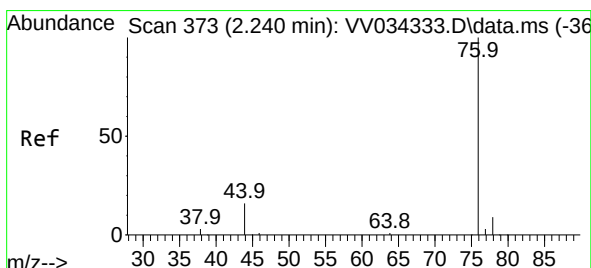
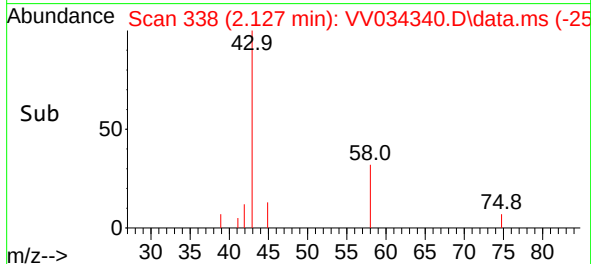
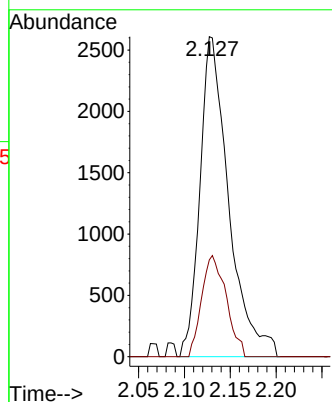
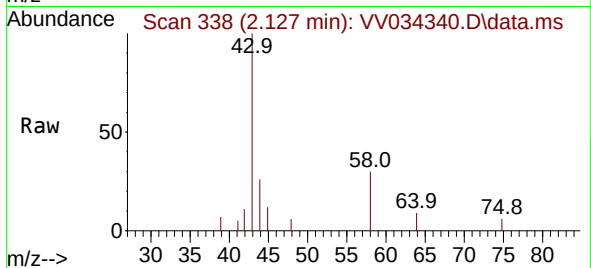
DCNF0

Tgt Ion: 43 Resp: 5696

Ion Ratio Lower Upper

43 100

58 27.0 0.0 13.8#



#14

Carbon disulfide

Concen: 0.521 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.006 min

Lab File: VV034340.D

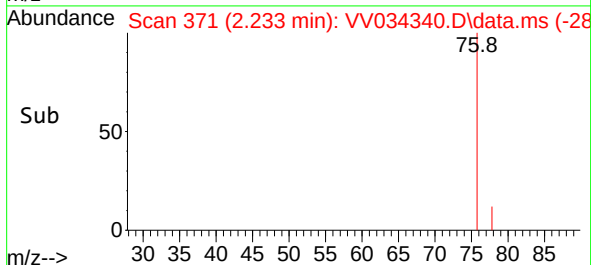
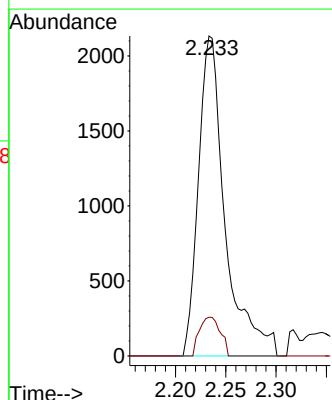
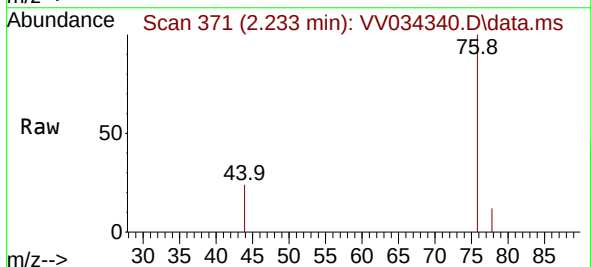
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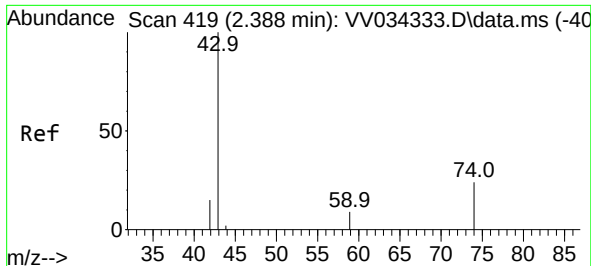
Tgt Ion: 76 Resp: 3936

Ion Ratio Lower Upper

76 100

78 12.1 7.5 11.3#

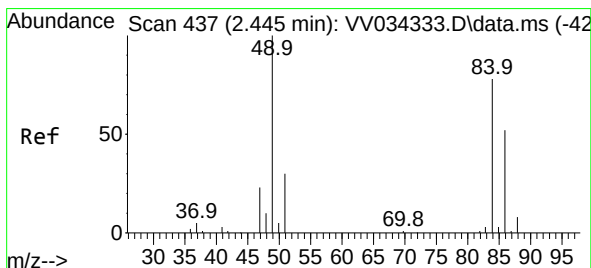
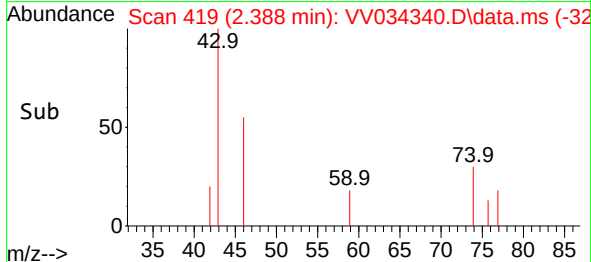
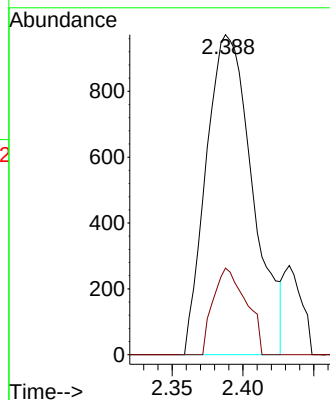
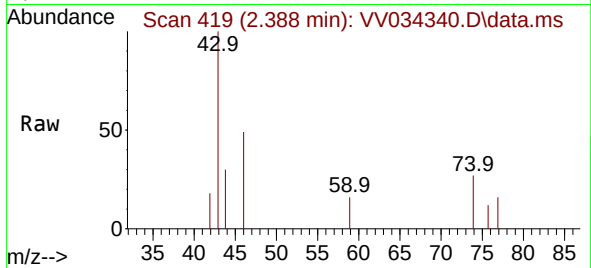




#15
Methyl Acetate
Concen: 2.841 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV034340.D
Acq: 22 Feb 2024 12:25

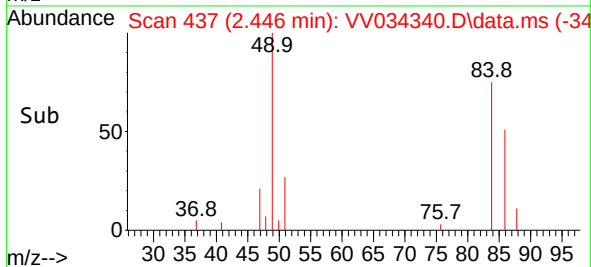
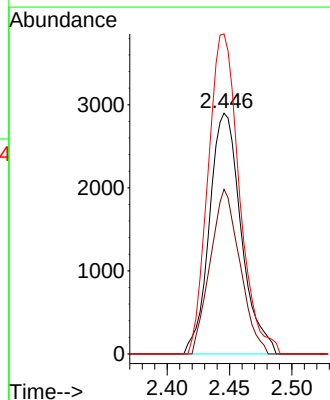
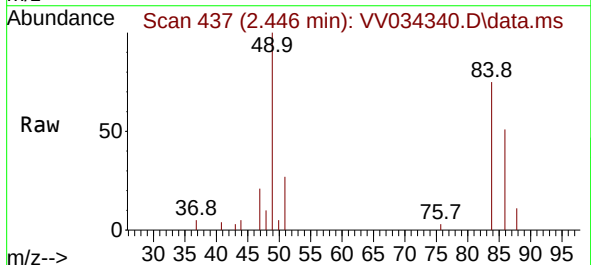
Instrument :
MSVOA_V
ClientSampleId :
DCNF0

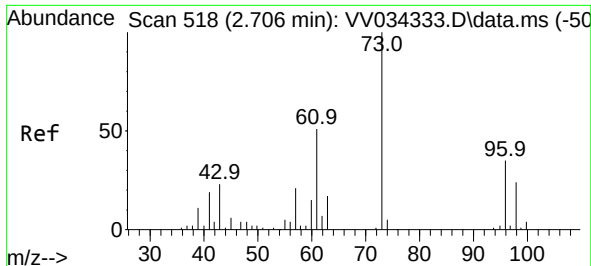
Tgt Ion: 43 Resp: 2216
Ion Ratio Lower Upper
43 100
74 19.2 18.2 27.4



#16
Methylene chloride
Concen: 2.294 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV034340.D
Acq: 22 Feb 2024 12:25

Tgt Ion: 84 Resp: 5136
Ion Ratio Lower Upper
84 100
86 68.4 44.7 83.1
49 132.9 93.7 173.9





#17

Methyl tert-butyl Ether

Concen: 6.350 ug/L

RT: 2.709 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV034340.D

Acq: 22 Feb 2024 12:25

Instrument :

MSVOA_V

ClientSampleId :

DCNF0

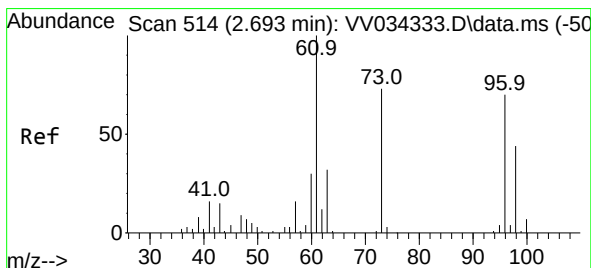
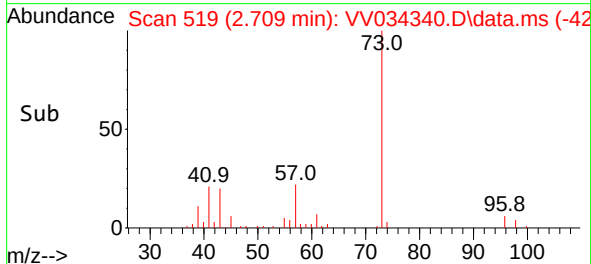
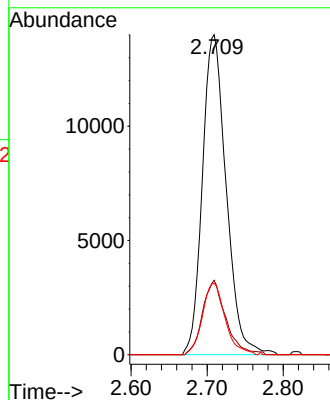
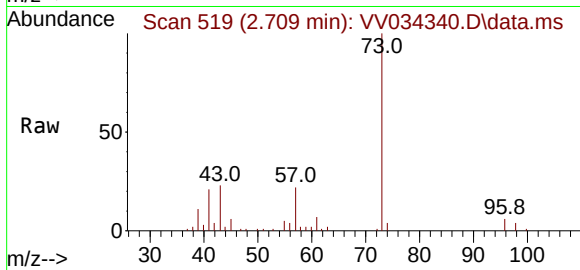
Tgt Ion: 73 Resp: 30445

Ion Ratio Lower Upper

73 100

43 22.7 17.7 26.5

57 21.3 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 1.147 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV034340.D

Acq: 22 Feb 2024 12:25

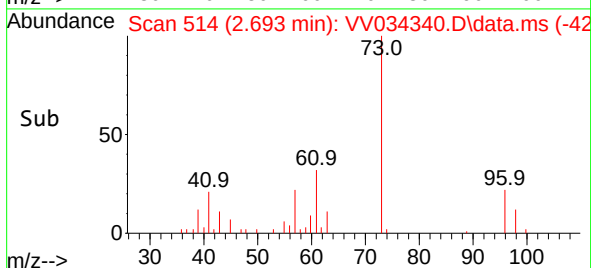
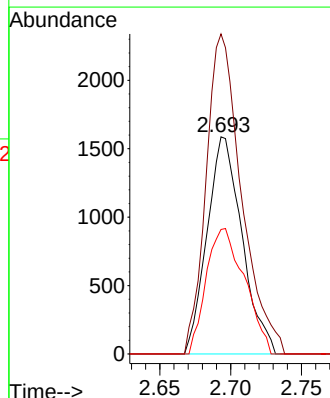
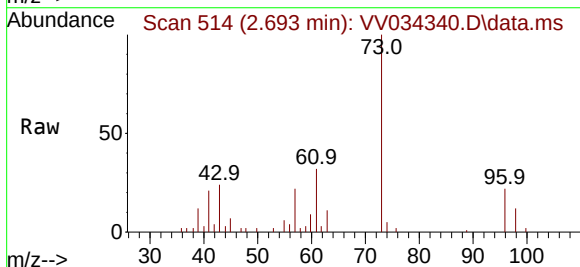
Tgt Ion: 96 Resp: 2727

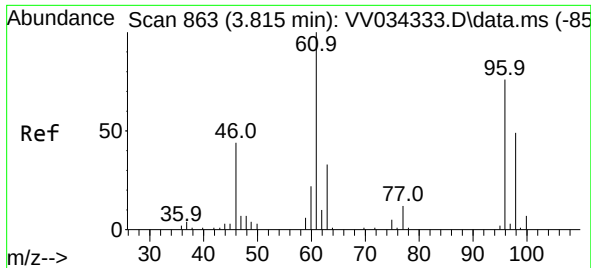
Ion Ratio Lower Upper

96 100

61 147.4 97.6 181.4

98 57.3 44.4 82.5

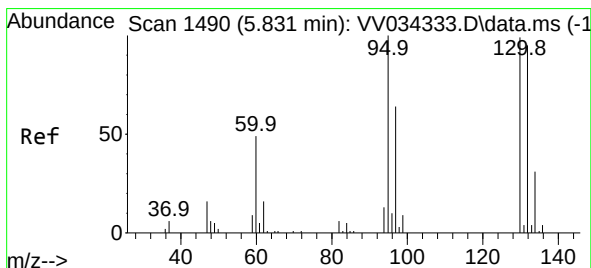
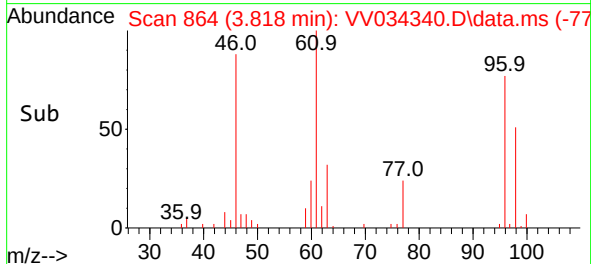
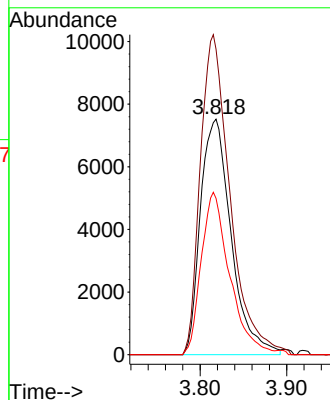
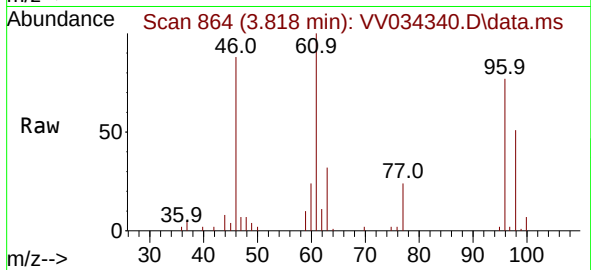




#22
 cis-1,2-Dichloroethene
 Concen: 6.869 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.003 min
 Lab File: VV034340.D
 Acq: 22 Feb 2024 12:25

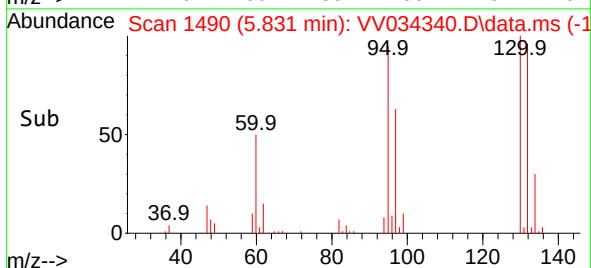
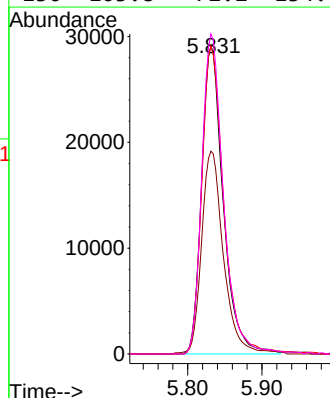
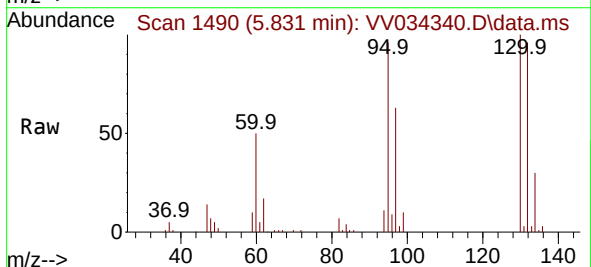
Instrument :
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 ClientSampleId :
 DCNF0

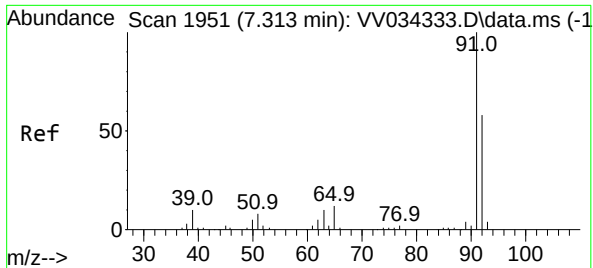
Tgt Ion: 96 Resp: 18525
 Ion Ratio Lower Upper
 96 100
 61 129.7 90.3 167.7
 98 66.3 43.2 80.2



#34
 Trichloroethene
 Concen: 21.103 ug/L
 RT: 5.831 min Scan# 1490
 Delta R.T. 0.000 min
 Lab File: VV034340.D
 Acq: 22 Feb 2024 12:25

Tgt Ion: 95 Resp: 58612
 Ion Ratio Lower Upper
 95 100
 97 65.7 45.1 83.7
 132 99.9 66.0 122.6
 130 103.8 72.2 134.0





#42

Toluene

Concen: 0.525 ug/L

RT: 7.330 min Scan# 1951

Delta R.T. 0.016 min

Lab File: VV034340.D

Acq: 22 Feb 2024 12:25

Instrument :

MSVOA_V

ClientSampleId :

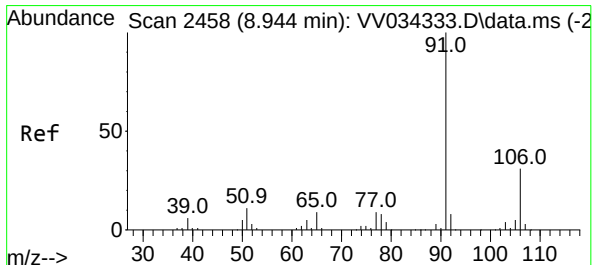
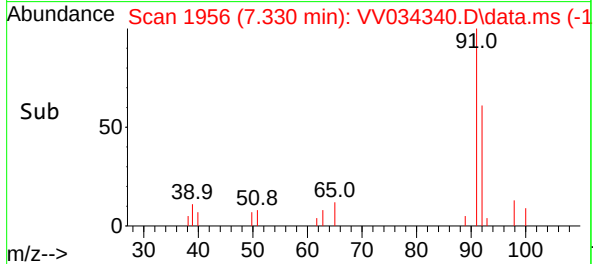
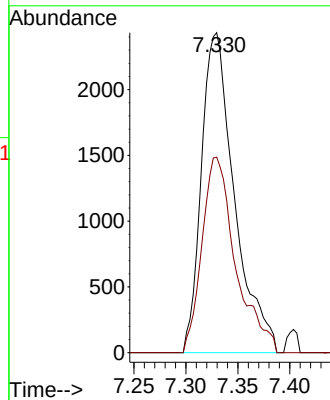
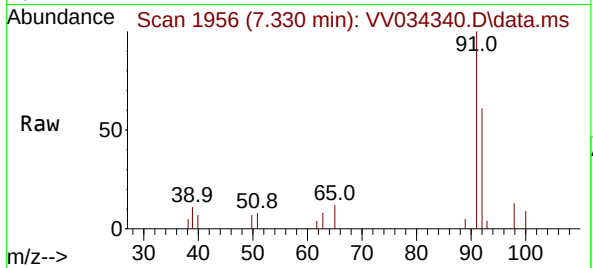
DCNF0

Tgt Ion: 91 Resp: 5381

Ion Ratio Lower Upper

91 100

92 61.1 42.1 78.3



#52

Ethylbenzene

Concen: 0.085 ug/L

RT: 8.963 min Scan# 2464

Delta R.T. 0.019 min

Lab File: VV034340.D

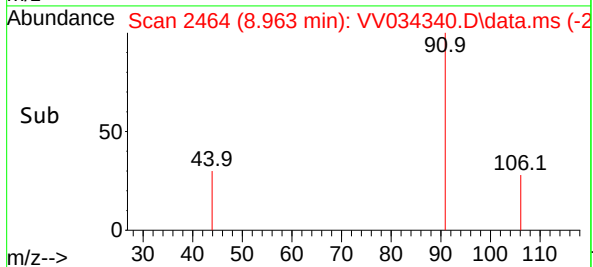
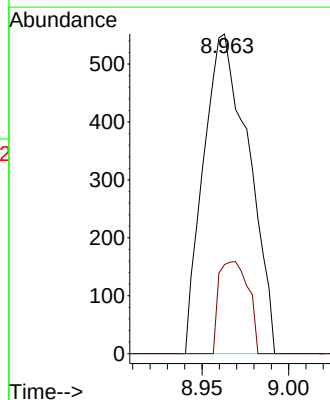
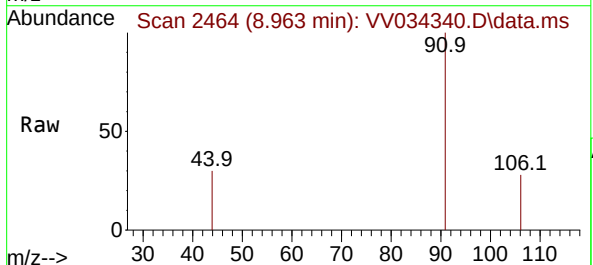
Acq: 22 Feb 2024 12:25

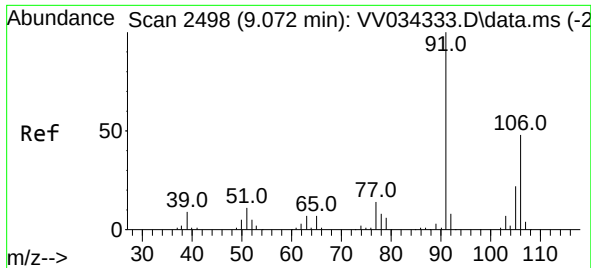
Tgt Ion: 91 Resp: 999

Ion Ratio Lower Upper

91 100

106 27.9 21.4 39.8

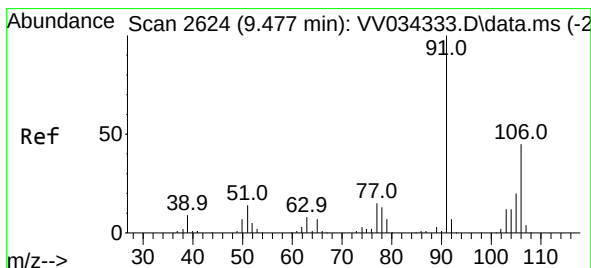
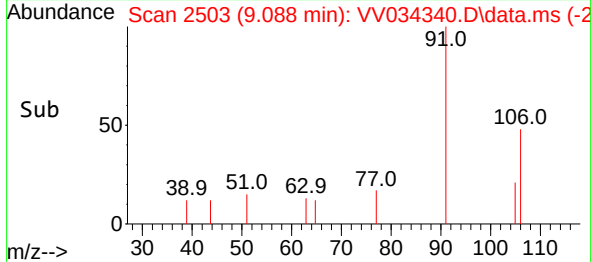
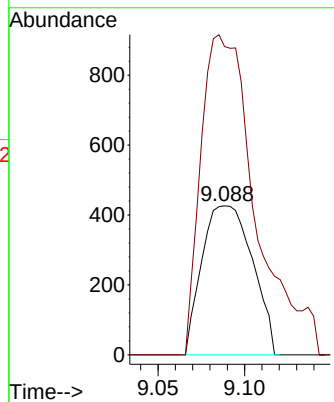
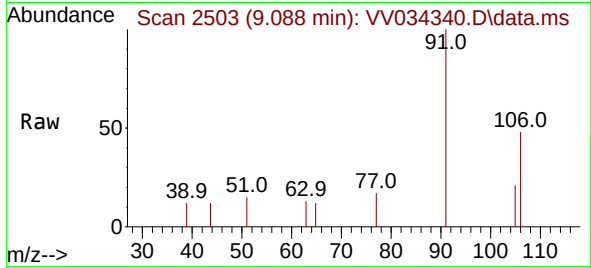




#53
 m,p-Xylene
 Concen: 0.194 ug/L
 RT: 9.088 min Scan# 21
 Delta R.T. 0.016 min
 Lab File: VV034340.D
 Acq: 22 Feb 2024 12:25

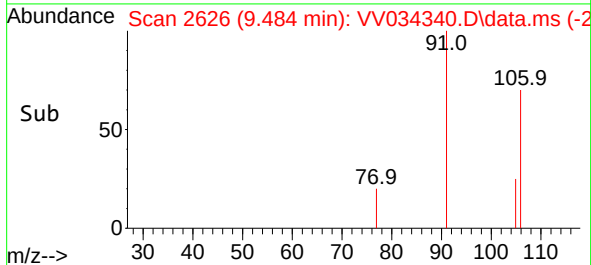
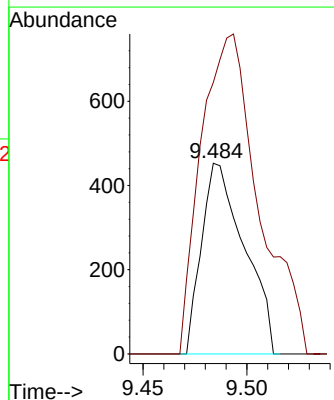
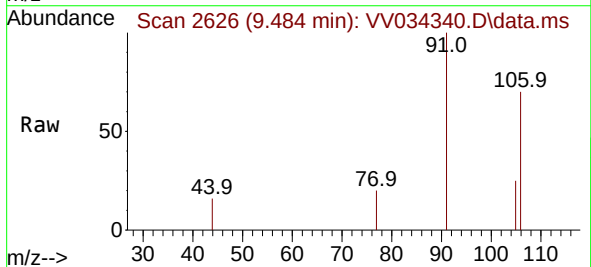
Instrument :
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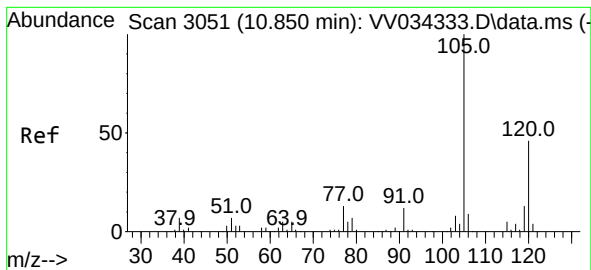
Tgt Ion:106 Resp: 865
 Ion Ratio Lower Upper
 106 100
 91 207.0 147.5 273.9



#54
 o-Xylene
 Concen: 0.151 ug/L
 RT: 9.484 min Scan# 2626
 Delta R.T. 0.007 min
 Lab File: VV034340.D
 Acq: 22 Feb 2024 12:25

Tgt Ion:106 Resp: 648
 Ion Ratio Lower Upper
 106 100
 91 142.4 156.2 290.0#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.373 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.007 min
 Lab File: VV034340.D
 Acq: 22 Feb 2024 12:25

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNF0

Tgt Ion:105 Resp: 3504
 Ion Ratio Lower Upper
 105 100
 120 41.0 36.2 54.2

