

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035720.D
 Acq On : 23 May 2024 22:12
 Operator : SY/MD
 Sample : P2568-13
 Misc : 6.04g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 03:46:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 03:15:35 2024
 Response via : Initial Calibration

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

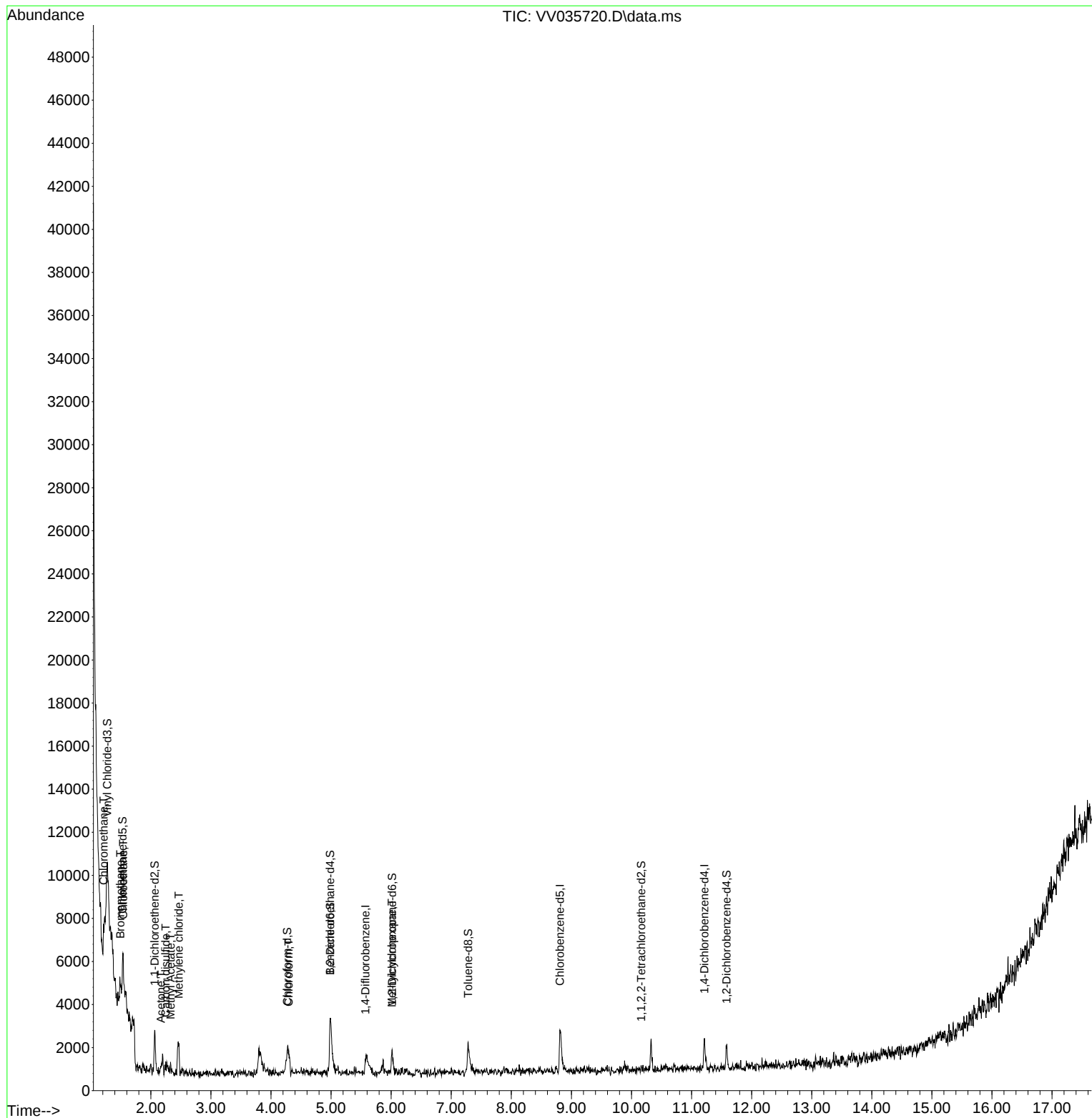
Internal Standards						
1) 1,4-Difluorobenzene	5.571	114	538	25.000	ug/L	# 0.04
28) Chlorobenzene-d5	8.809	117	1084	25.000	ug/L	# 0.03
58) 1,4-Dichlorobenzene-d4	11.214	152	646	25.000	ug/L	0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	929	111.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	446.880%#
7) Chloroethane-d5	1.529	69	877	130.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	522.920%#
11) 1,1-Dichloroethene-d2	2.063	65	248	67.366	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	269.480%#
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
24) Chloroform-d	4.272	84	1197	74.838	ug/L	0.03
Spiked Amount	25.000	Range	40 - 150	Recovery	=	299.360%#
26) 1,2-Dichloroethane-d4	4.986	65	100	12.647	ug/L	0.05
Spiked Amount	25.000	Range	70 - 130	Recovery	=	50.600%#
32) Benzene-d6	4.982	84	1052	17.729	ug/L	0.03
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.920%
36) 1,2-Dichloropropane-d6	6.015	67	708	38.663	ug/L	0.03
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.640%#
41) Toluene-d8	7.281	98	1581	29.937	ug/L	0.04
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.760%
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.000%#
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	10.162	84	146	8.274	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	33.080%#
66) 1,2-Dichlorobenzene-d4	11.580	152	488	21.767	ug/L	0.02
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.080%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1008	91.788	ug/L	91
6) Bromomethane	1.491	94	286	39.812	ug/L	# 55
8) Chloroethane	1.542	64	44	6.291	ug/L	# 43
13) Acetone	2.166	43	286	82.792	ug/L	# 70
14) Carbon disulfide	2.246	76	44	1.646	ug/L	# 74
15) Methyl Acetate	2.330	43	73	13.948	ug/L	# 52
16) Methylene chloride	2.465	84	355	28.615	ug/L	85
25) Chloroform	4.294	83	91	5.017	ug/L	85
35) Methylcyclohexane	6.011	83	65	2.110	ug/L	# 20

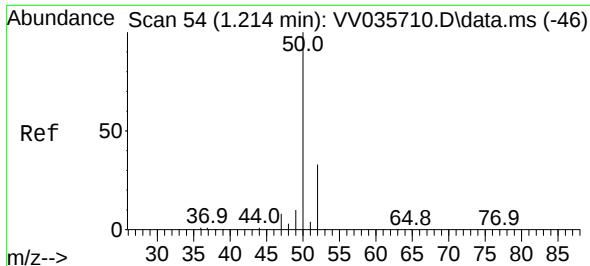
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 24 03:15:35 2024
Response via : Initial Calibration

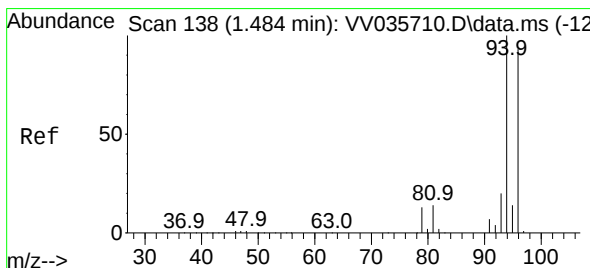
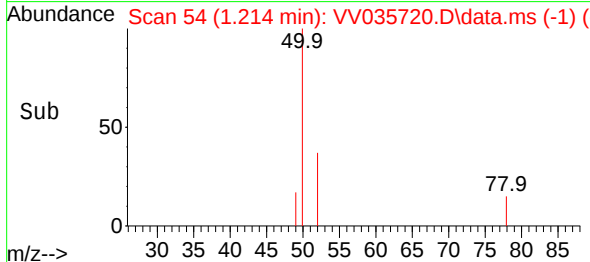
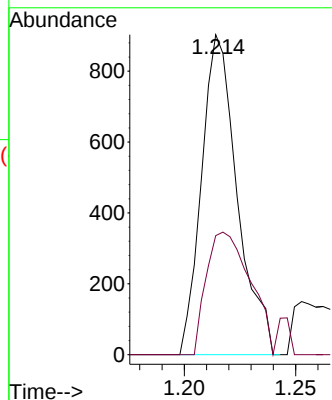
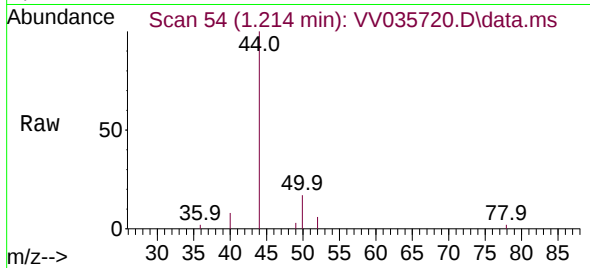




#3
Chloromethane
Concen: 91.788 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

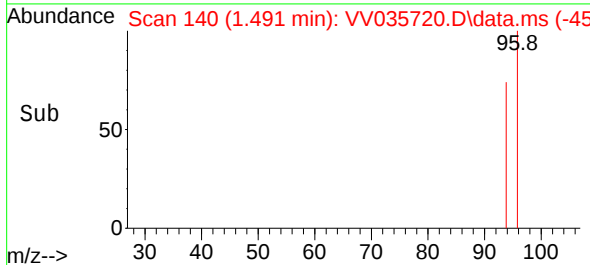
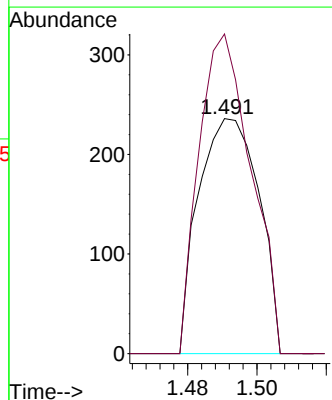
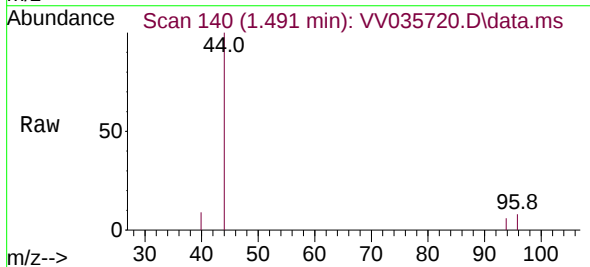
Instrument :
MSVOA_V
ClientSampleId :

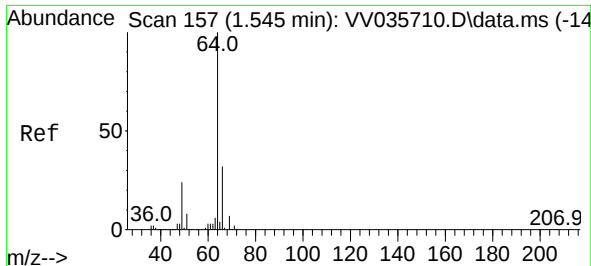
Tgt Ion: 50 Resp: 1008
Ion Ratio Lower Upper
50 100
52 37.2 22.7 42.1



#6
Bromomethane
Concen: 39.812 ug/L
RT: 1.491 min Scan# 140
Delta R.T. 0.006 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

Tgt Ion: 94 Resp: 286
Ion Ratio Lower Upper
94 100
96 136.0 65.2 121.0#

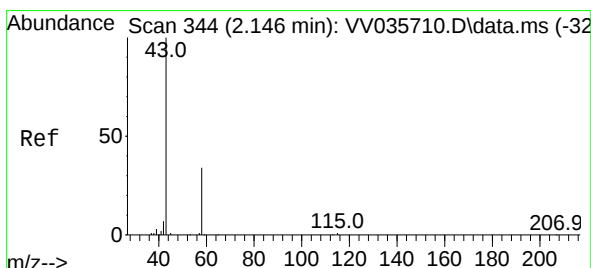
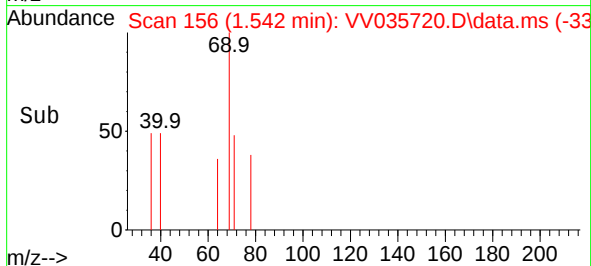
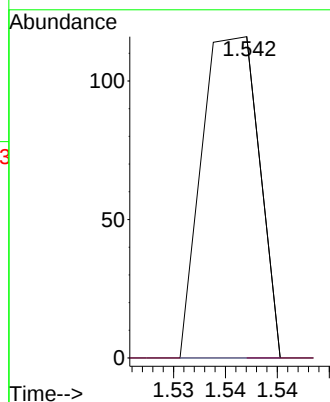
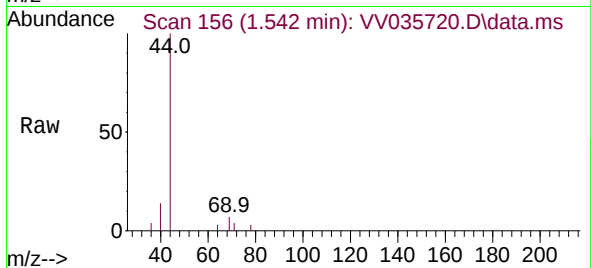




#8
Chloroethane
Concen: 6.291 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

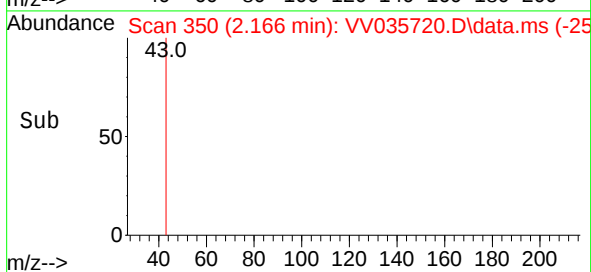
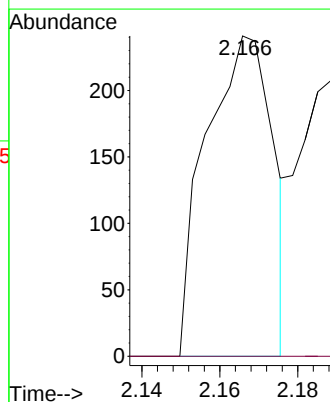
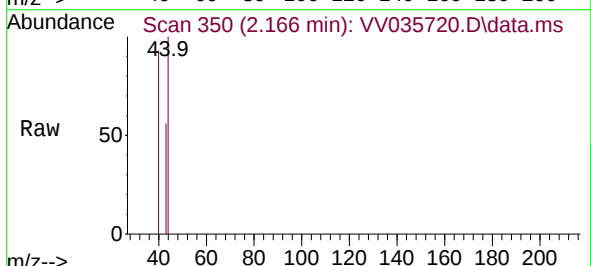
Instrument :
MSVOA_V
ClientSampleId :

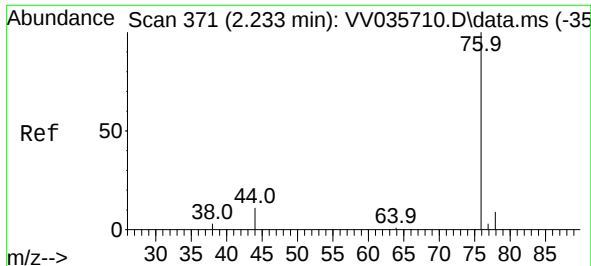
Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 22.0 40.8#



#13
Acetone
Concen: 82.792 ug/L
RT: 2.166 min Scan# 350
Delta R.T. 0.019 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

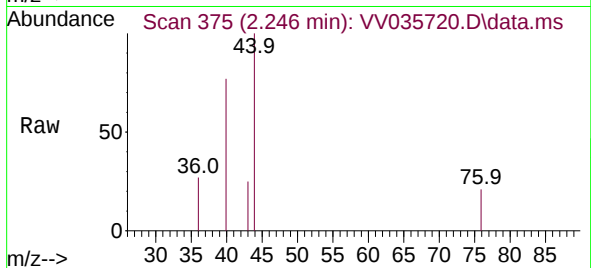
Tgt Ion: 43 Resp: 286
Ion Ratio Lower Upper
43 100
58 0.0 0.0 22.8



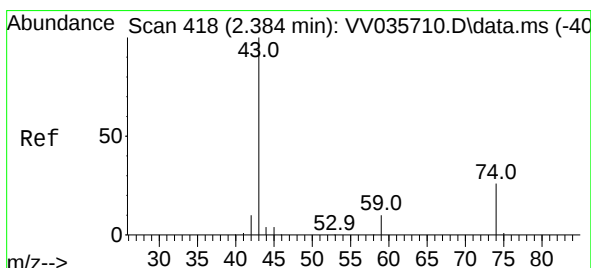
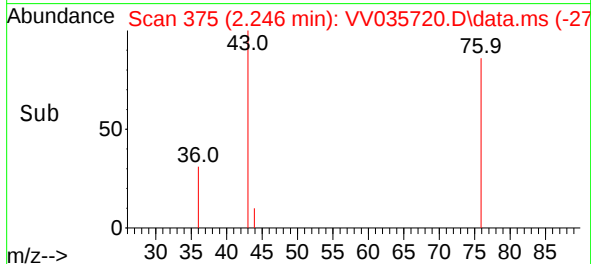
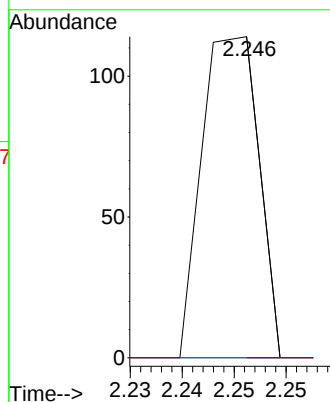


#14
Carbon disulfide
Concen: 1.646 ug/L
RT: 2.246 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

Instrument :
MSVOA_V
ClientSampleId :

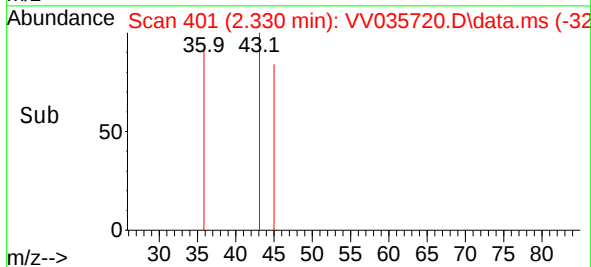
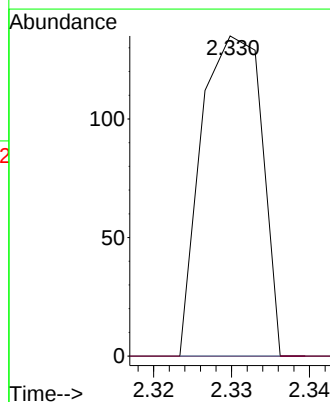
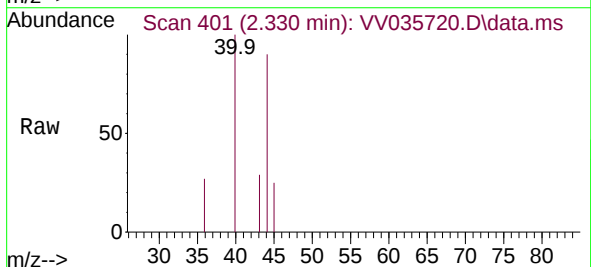


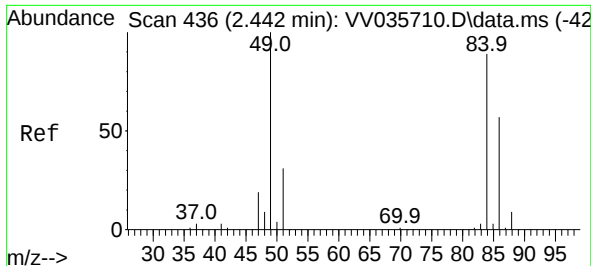
Tgt Ion: 76 Resp: 44
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#15
Methyl Acetate
Concen: 13.948 ug/L
RT: 2.330 min Scan# 401
Delta R.T. -0.055 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

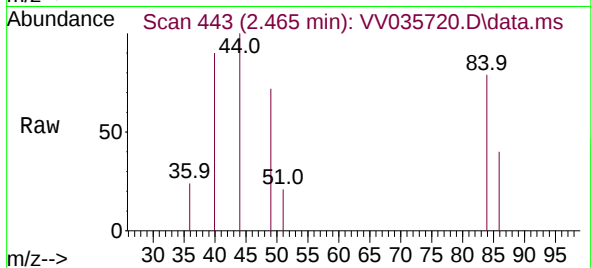
Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



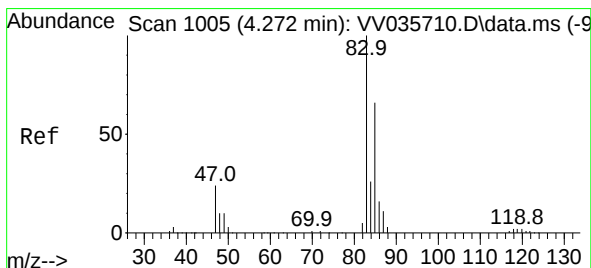
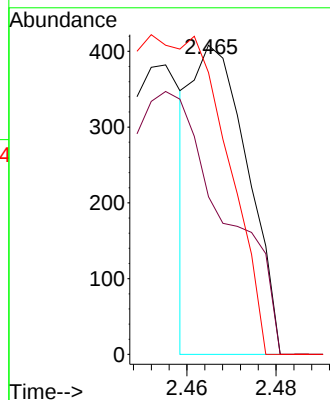
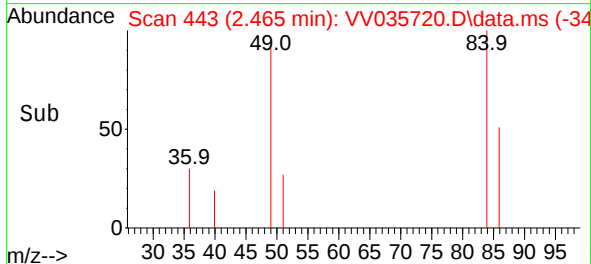


#16
Methylene chloride
Concen: 28.615 ug/L
RT: 2.465 min Scan# 443
Delta R.T. 0.023 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

Instrument :
MSVOA_V
ClientSampleId :

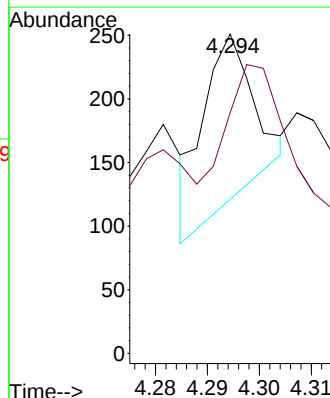
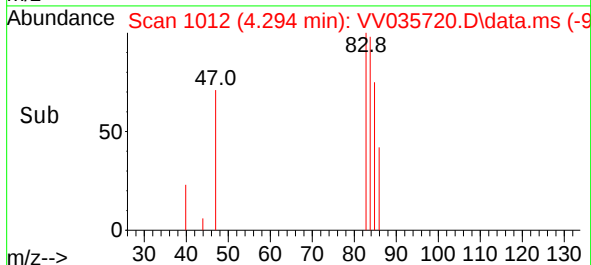
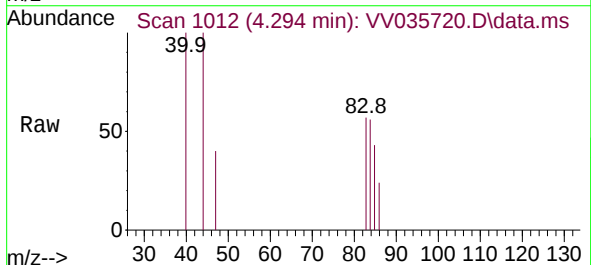


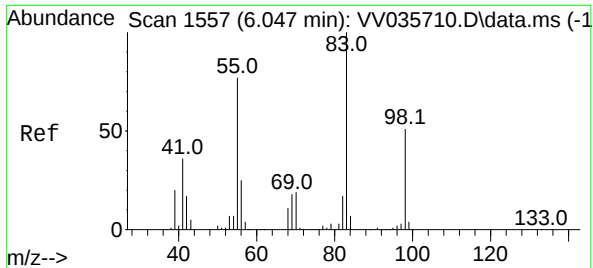
Tgt Ion: 84 Resp: 355
Ion Ratio Lower Upper
84 100
86 51.0 43.8 81.3
49 91.2 75.3 139.9



#25
Chloroform
Concen: 5.017 ug/L
RT: 4.294 min Scan# 1012
Delta R.T. 0.023 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

Tgt Ion: 83 Resp: 91
Ion Ratio Lower Upper
83 100
85 75.3 44.7 82.9





#35
Methylcyclohexane
Concen: 2.110 ug/L
RT: 6.011 min Scan# 1
Delta R.T. -0.035 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 65
Ion Ratio Lower Upper
83 100
55 0.0 57.5 86.3#
98 0.0 38.6 58.0#

