

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034286.D
 Acq On : 20 Feb 2024 22:14
 Operator : SY/MD
 Sample : P1503-17DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 21 04:48:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

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

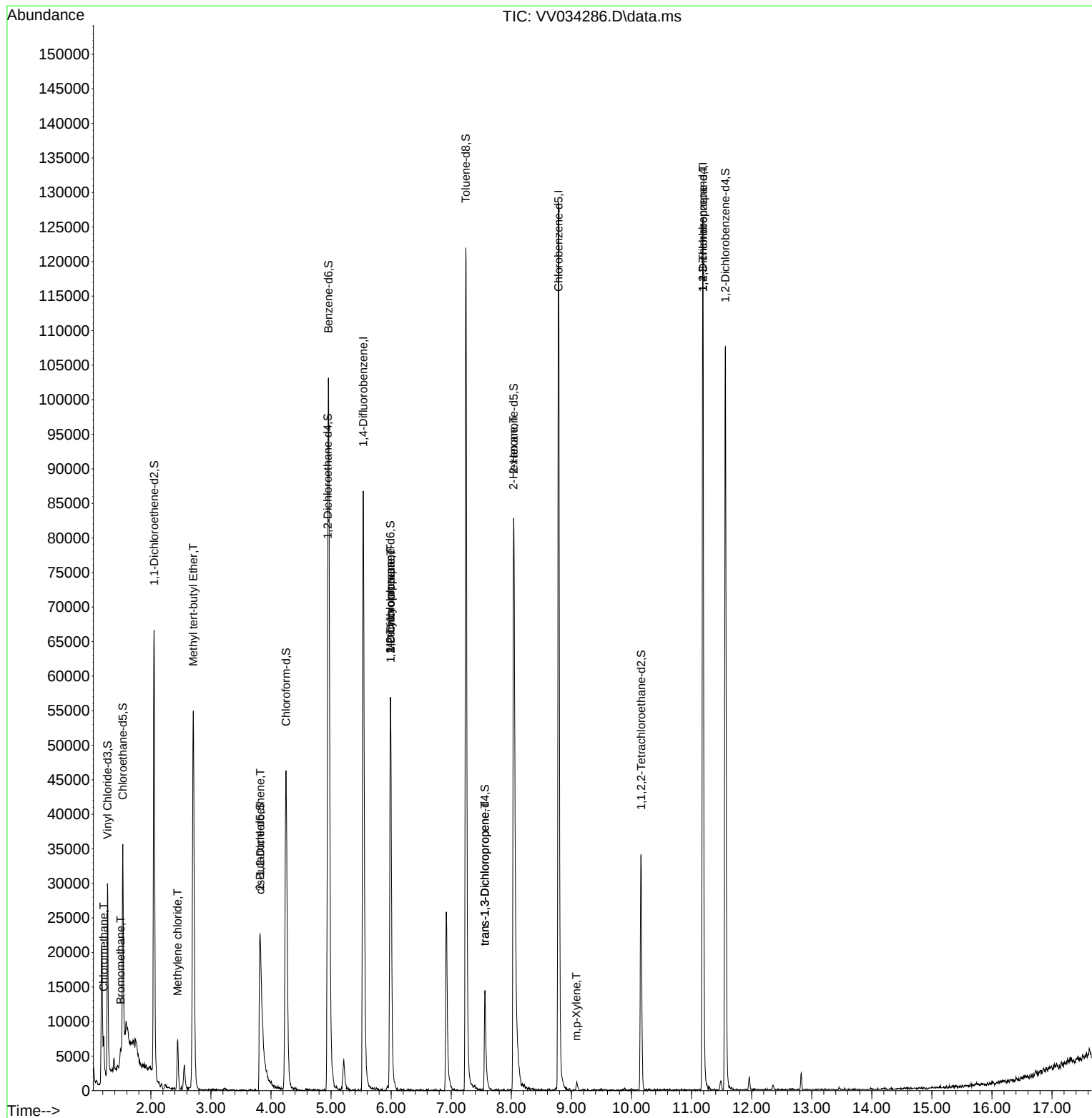
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75787	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70340	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	33006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20812	3.546	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.532	69	19641	3.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.053	65	10271	3.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.818	46	47498	48.184	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.360%
24) Chloroform-d	4.249	84	50570	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.944	65	24310	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.957	84	90835	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.989	67	26789	4.541	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.243	98	82237	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.561	79	9669	4.341	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.040	63	36774	46.246	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.500%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	16789	4.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	28088	4.679	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	2905	0.383	ug/L	99
6) Bromomethane	1.494	94	574	0.151	ug/L	100
16) Methylene chloride	2.445	84	2992	0.589	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	55686	5.119	ug/L	98
22) cis-1,2-Dichloroethene	3.822	96	973	0.159	ug/L	90
35) Methylcyclohexane	5.989	83	6640	0.693	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3418	0.669	ug/L #	87
44) trans-1,3-Dichloropropene	7.561	75	593	0.099	ug/L #	80
48) 2-Hexanone	8.037	43	4774	2.768	ug/L #	67
53) m,p-Xylene	9.082	106	575	0.059	ug/L #	50
61) 1,2,3-Trichloropropane	11.188	75	3907	1.722	ug/L #	62

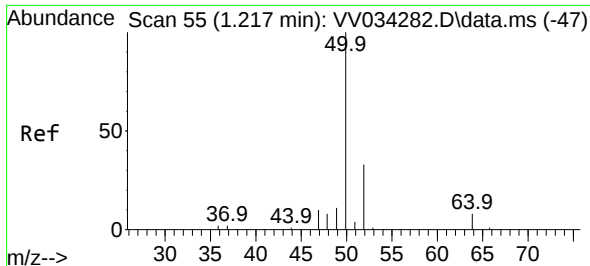
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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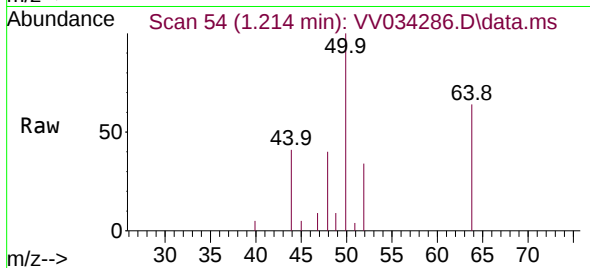
Quant Time: Feb 21 04:48:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
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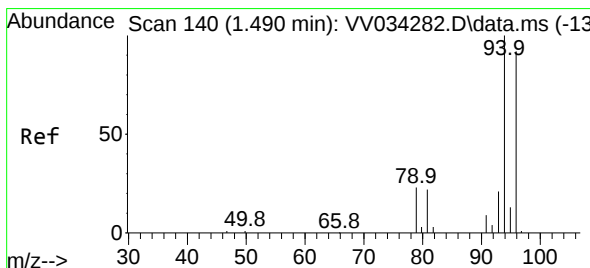
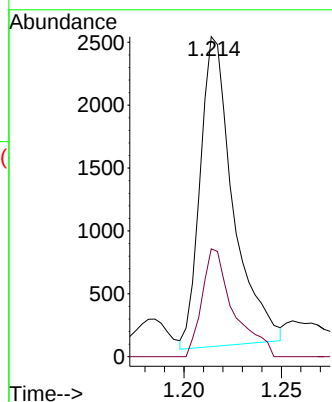
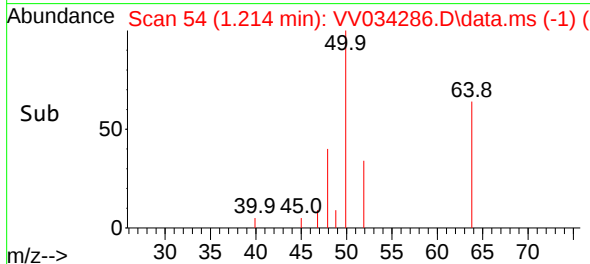


#3
Chloromethane
Concen: 0.383 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034286.D
Acq: 20 Feb 2024 22:14

Instrument :
MSVOA_V
ClientSampleId :

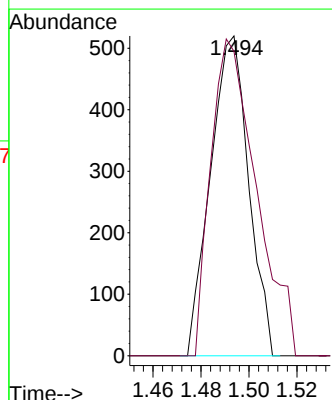
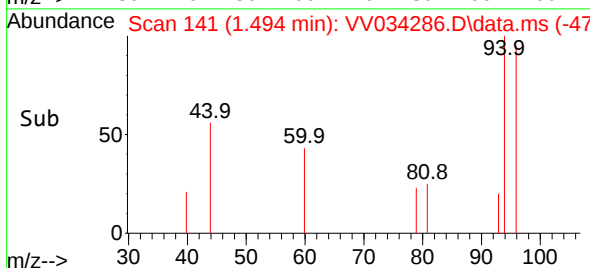
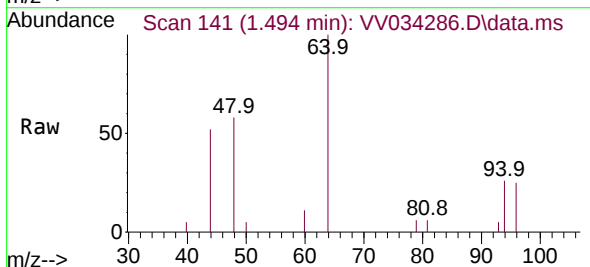


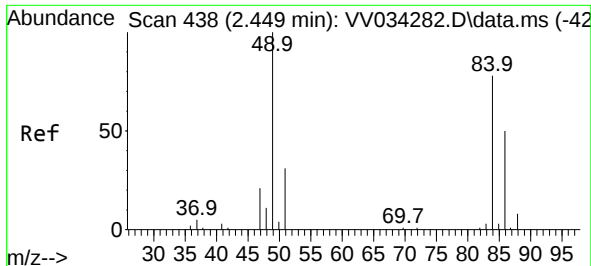
Tgt Ion: 50 Resp: 2905
Ion Ratio Lower Upper
50 100
52 33.7 23.4 43.4



#6
Bromomethane
Concen: 0.151 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV034286.D
Acq: 20 Feb 2024 22:14

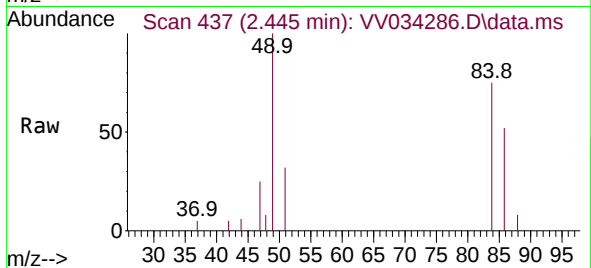
Tgt Ion: 94 Resp: 574
Ion Ratio Lower Upper
94 100
96 95.2 66.6 123.8



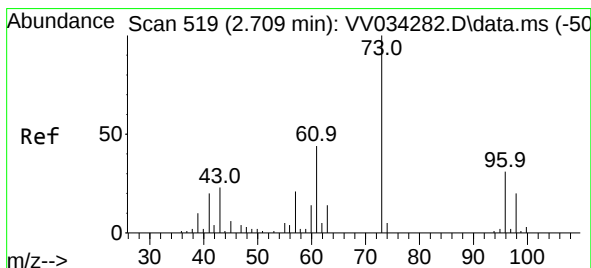
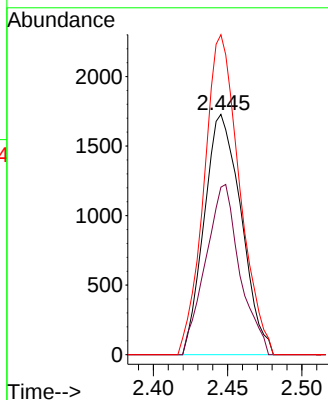
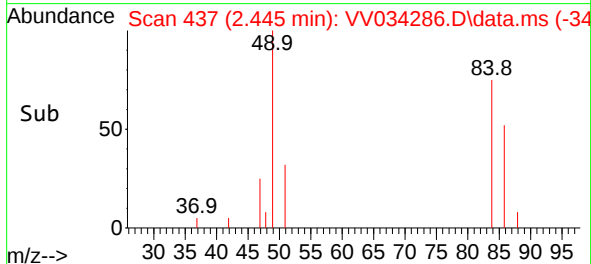


#16
Methylene chloride
Concen: 0.589 ug/L
RT: 2.445 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV034286.D
Acq: 20 Feb 2024 22:14

Instrument :
MSVOA_V
ClientSampleId :

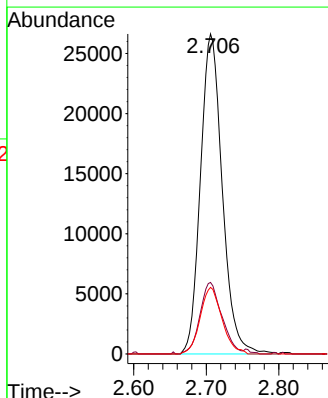
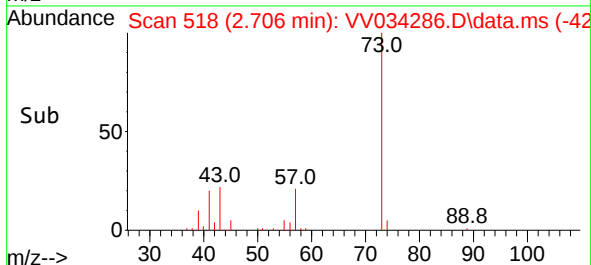
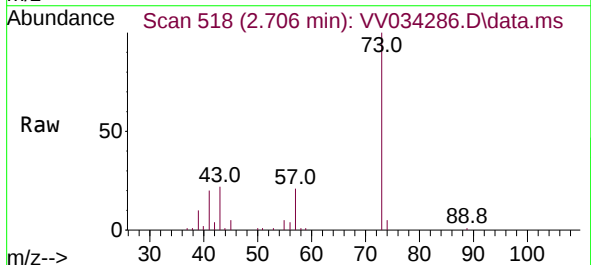


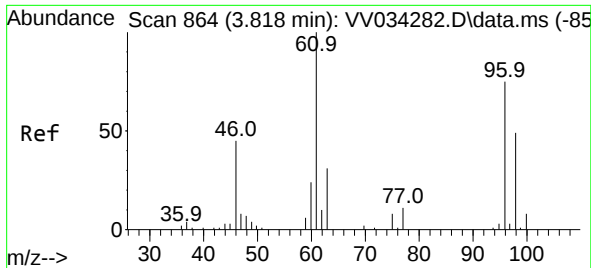
Tgt Ion:	84	Resp:	2992
Ion	Ratio	Lower	Upper
84	100		
86	69.7	44.7	83.1
49	133.2	93.7	173.9



#17
Methyl tert-butyl Ether
Concen: 5.119 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.003 min
Lab File: VV034286.D
Acq: 20 Feb 2024 22:14

Tgt Ion:	73	Resp:	55686
Ion	Ratio	Lower	Upper
73	100		
43	22.4	17.7	26.5
57	20.8	17.9	26.9





#22

cis-1,2-Dichloroethene

Concen: 0.159 ug/L

RT: 3.822 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV034286.D

Acq: 20 Feb 2024 22:14

Instrument :

MSVOA_V

ClientSampleId :

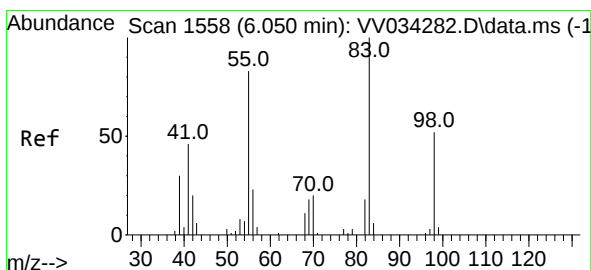
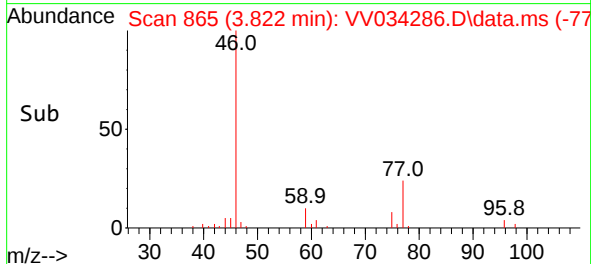
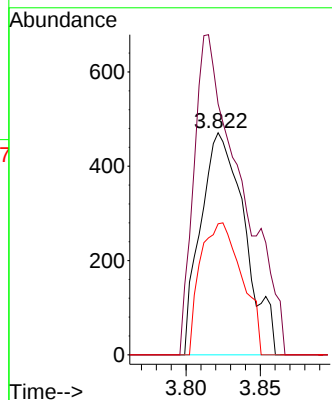
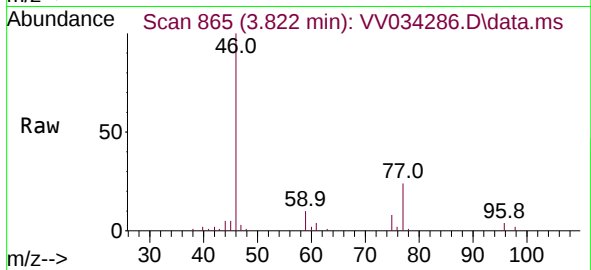
Tgt Ion: 96 Resp: 973

Ion Ratio Lower Upper

96 100

61 113.0 90.3 167.7

98 59.0 43.2 80.2



#35

Methylcyclohexane

Concen: 0.693 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV034286.D

Acq: 20 Feb 2024 22:14

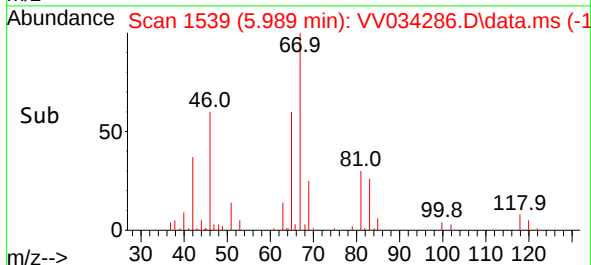
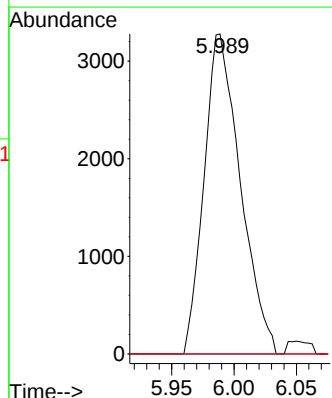
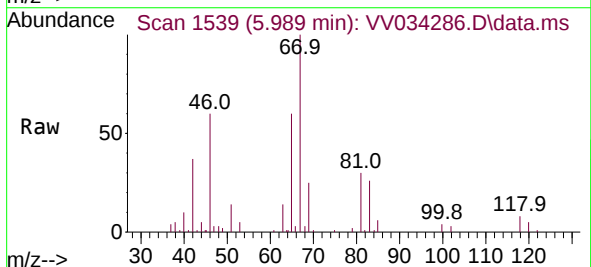
Tgt Ion: 83 Resp: 6640

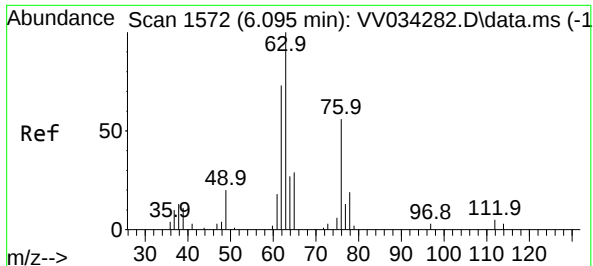
Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.669 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034286.D

Acq: 20 Feb 2024 22:14

Instrument :

MSVOA_V

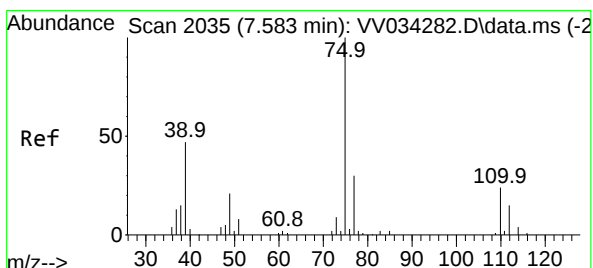
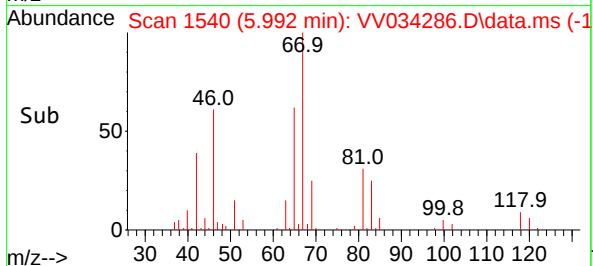
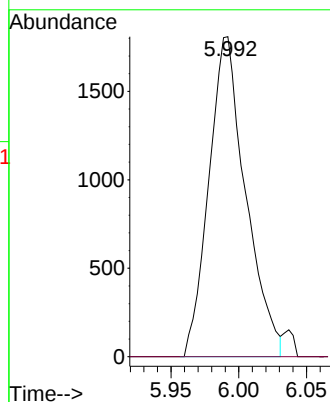
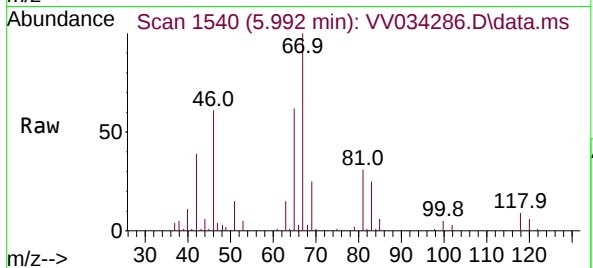
ClientSampleId :

Tgt Ion: 63 Resp: 3418

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#44

trans-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.022 min

Lab File: VV034286.D

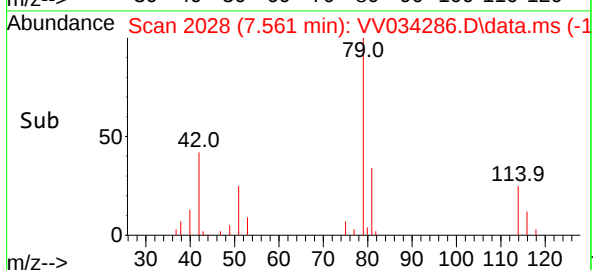
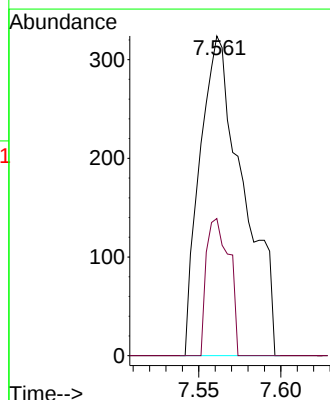
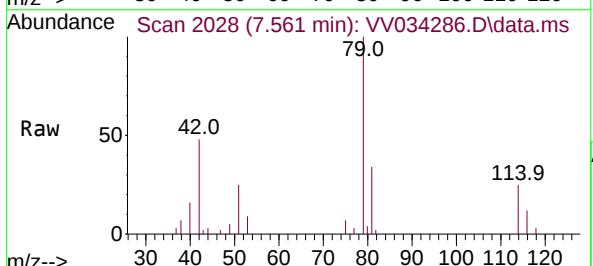
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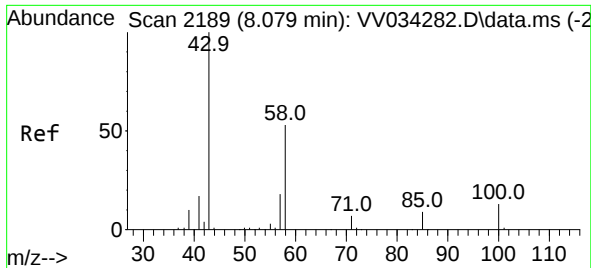
Tgt Ion: 75 Resp: 593

Ion Ratio Lower Upper

75 100

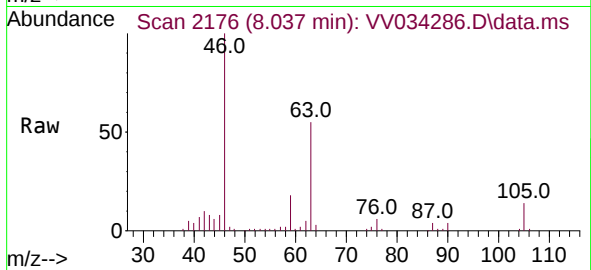
77 42.9 22.2 41.2#



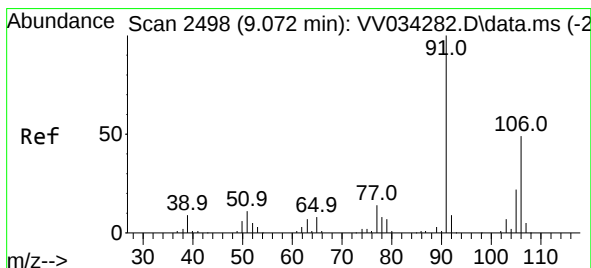
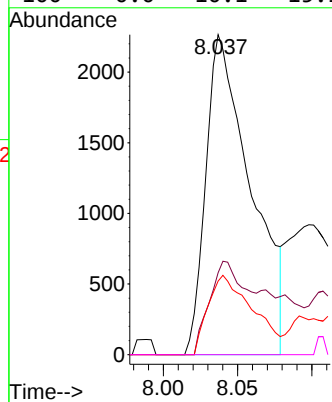
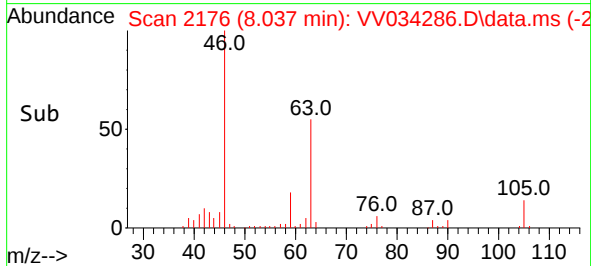


#48
2-Hexanone
Concen: 2.768 ug/L
RT: 8.037 min Scan# 2189
Delta R.T. -0.042 min
Lab File: VV034286.D
Acq: 20 Feb 2024 22:14

Instrument :
MSVOA_V
ClientSampleId :

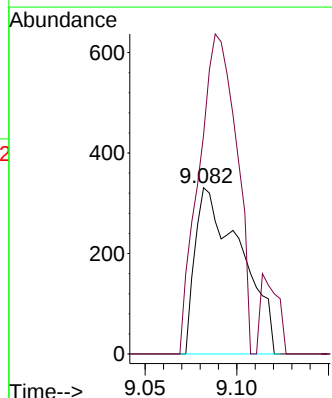
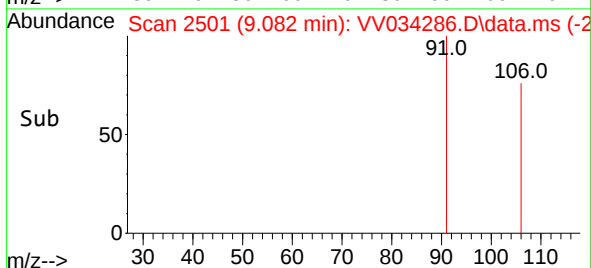
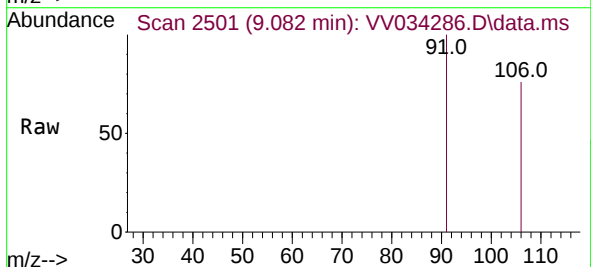


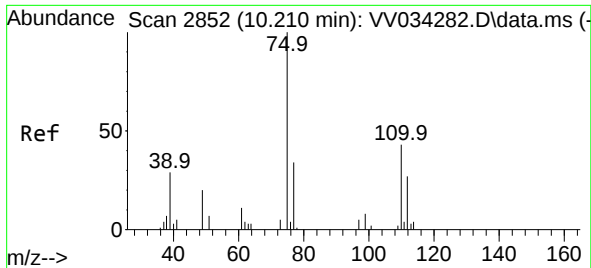
Tgt Ion: 43 Resp: 4774
Ion Ratio Lower Upper
43 100
58 24.4 42.6 64.0#
57 24.8 15.5 23.3#
100 0.0 10.1 15.1#



#53
m,p-Xylene
Concen: 0.059 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.010 min
Lab File: VV034286.D
Acq: 20 Feb 2024 22:14

Tgt Ion: 106 Resp: 575
Ion Ratio Lower Upper
106 100
91 131.7 147.5 273.9#





#61

1,2,3-Trichloropropane

Concen: 1.722 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.978 min

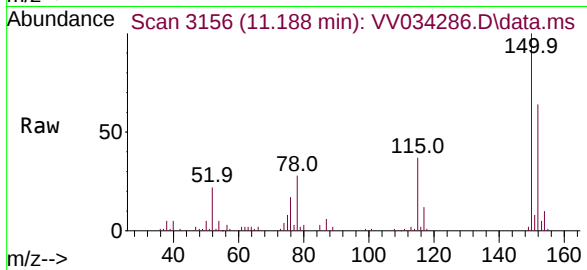
Lab File: VV034286.D

Acq: 20 Feb 2024 22:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	75	Resp:	3907
Ion	Ratio	Lower	Upper
75	100		
77	35.4	26.9	40.3
110	0.5	33.3	49.9#

