

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038344.D
 Acq On : 25 Nov 2024 15:15
 Operator : SY/MD
 Sample : P4930-01DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 00:44:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

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

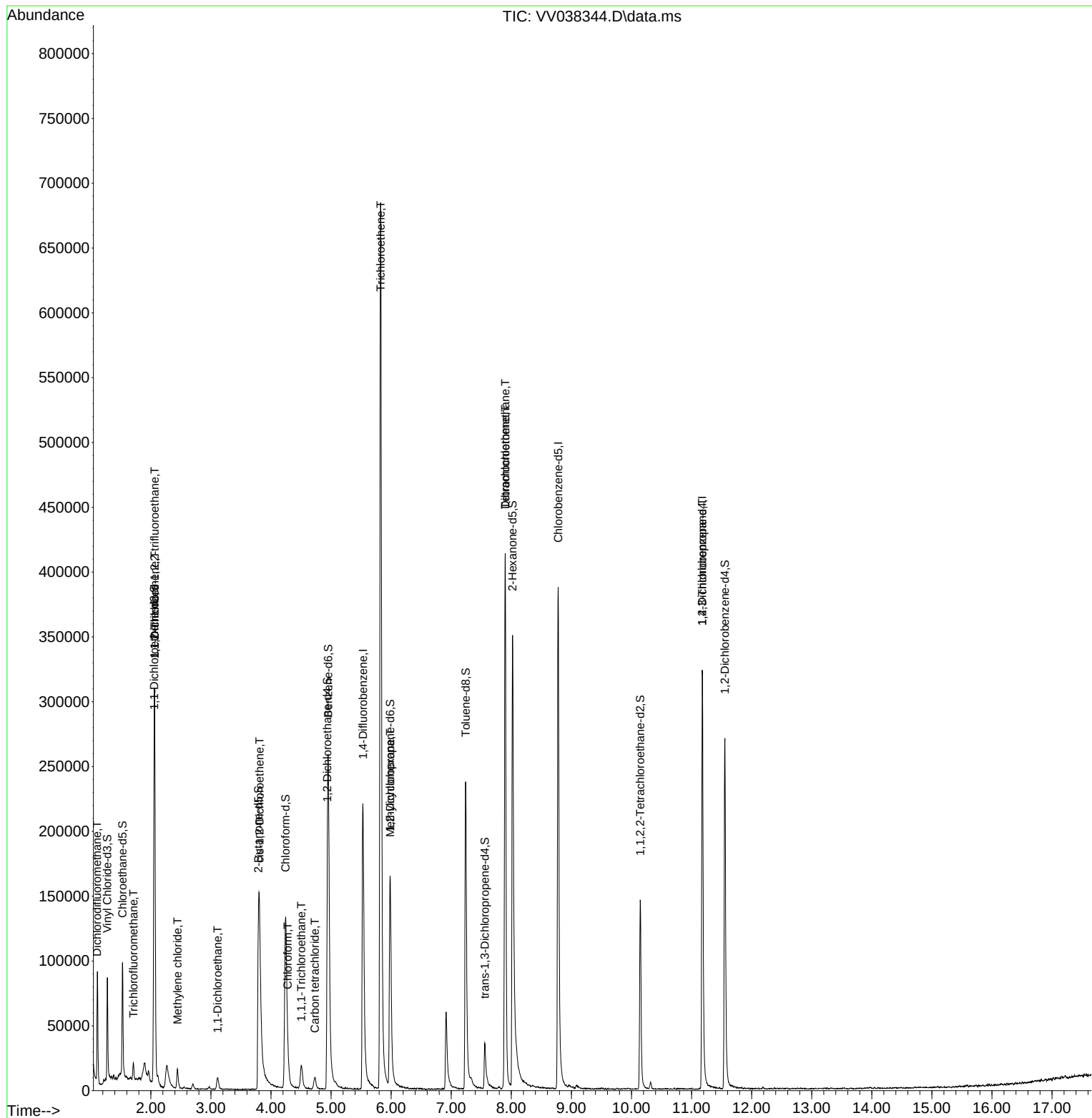
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	203997	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	230443	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	91332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49360	3.157	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.529	69	57881	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.053	65	24392	3.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.789	46	171332	54.775	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.540%
24) Chloroform-d	4.243	84	147205	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.937	65	73931	5.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	4.953	84	237046	3.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	5.982	67	85226	4.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.239	98	176799	3.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.200%#
43) trans-1,3-Dichloroprop...	7.558	79	25967	3.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.021	63	131206	49.537	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.080%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	76525	4.919	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	76985	4.947	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	4840	0.251	ug/L	98
9) Trichlorofluoromethane	1.709	101	7413	0.277	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	16601	1.085	ug/L	97
12) 1,1-Dichloroethene	2.063	96	48642	3.338	ug/L	96
16) Methylene chloride	2.442	84	6560	0.395	ug/L	97
19) 1,1-Dichloroethane	3.111	63	10112	0.363	ug/L	94
22) cis-1,2-Dichloroethene	3.809	96	43155	2.719	ug/L	94
25) Chloroform	4.278	83	21846	0.733	ug/L	89
29) 1,1,1-Trichloroethane	4.506	97	15779	0.571	ug/L	94
31) Carbon tetrachloride	4.728	117	7263	0.298	ug/L	94
34) Trichloroethene	5.825	95	255261	14.466	ug/L	98
35) Methylcyclohexane	5.985	83	19778	0.792	ug/L #	20
47) Tetrachloroethene	7.899	164	95299	6.721	ug/L	99
49) Dibromochloromethane	7.899	129	89405	6.236	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	10653	1.362	ug/L #	65

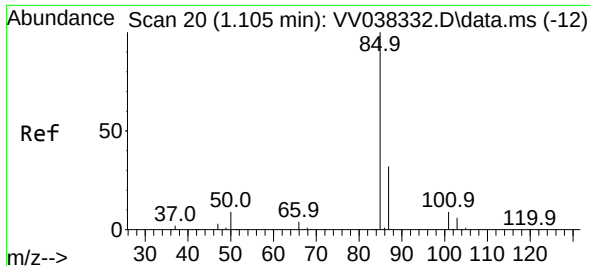
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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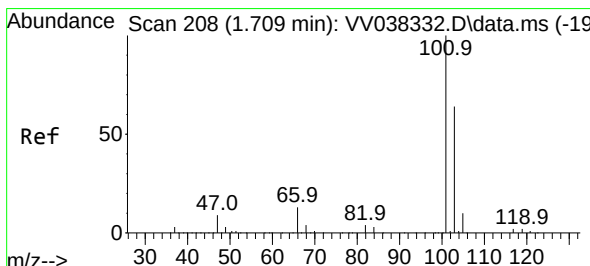
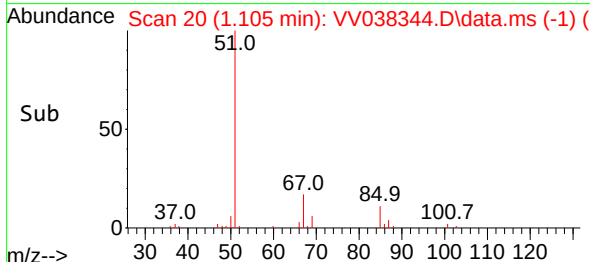
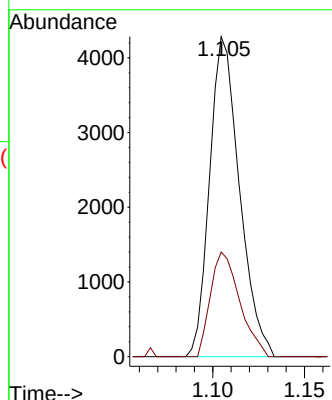
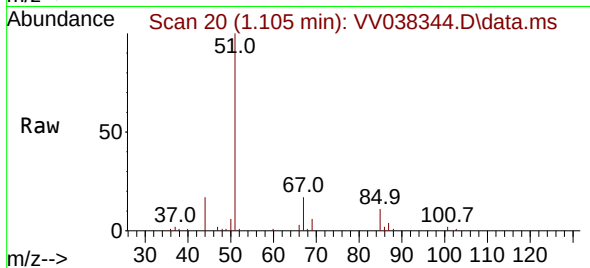




#2
 Dichlorodifluoromethane
 Concen: 0.251 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038344.D
 Acq: 25 Nov 2024 15:15

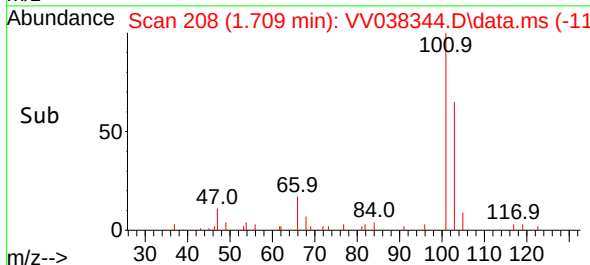
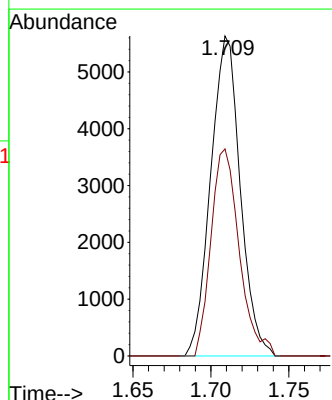
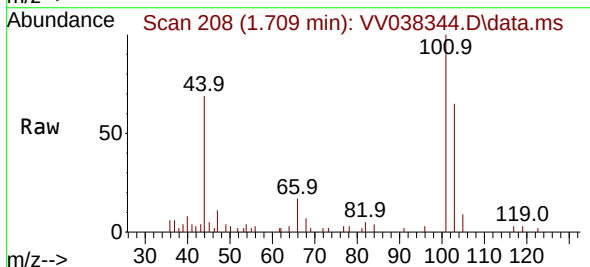
Instrument :
 MSVOA_V
 ClientSampleId :

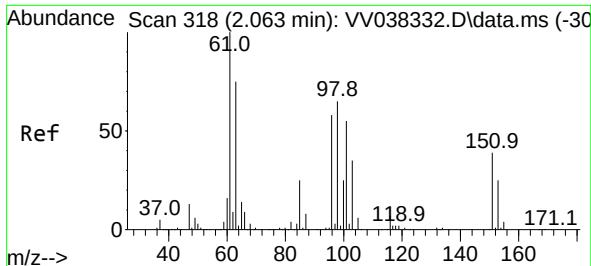
Tgt Ion: 85 Resp: 4840
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.5 39.7



#9
 Trichlorofluoromethane
 Concen: 0.277 ug/L
 RT: 1.709 min Scan# 208
 Delta R.T. -0.000 min
 Lab File: VV038344.D
 Acq: 25 Nov 2024 15:15

Tgt Ion: 101 Resp: 7413
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.5 77.3

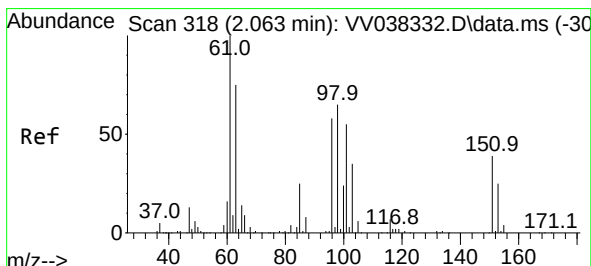
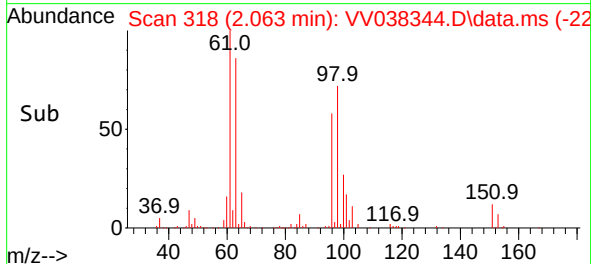
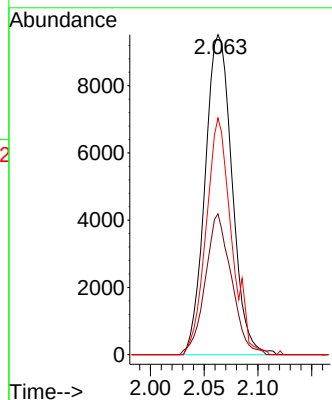
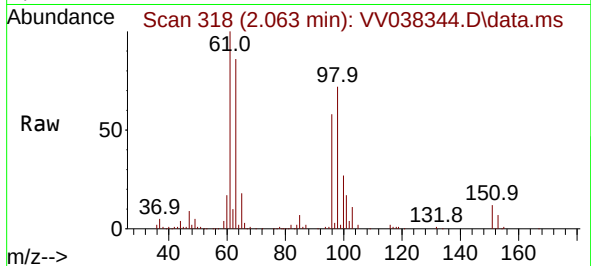




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.085 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038344.D
 Acq: 25 Nov 2024 15:15

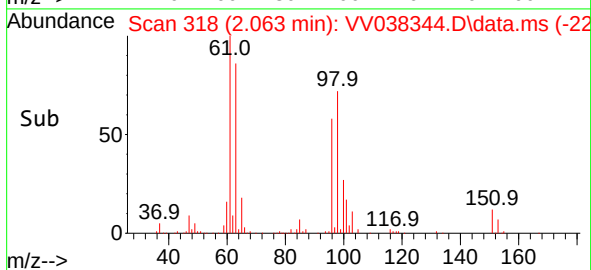
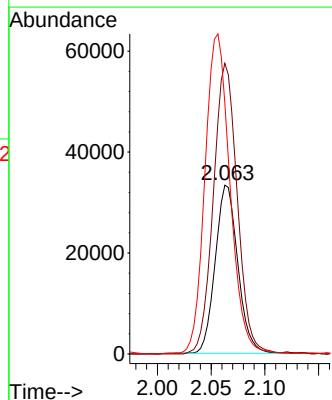
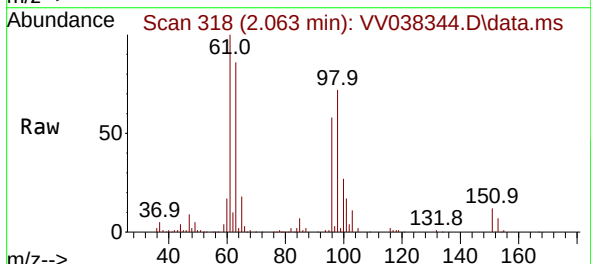
Instrument :
 MSVOA_V
 ClientSampleId :

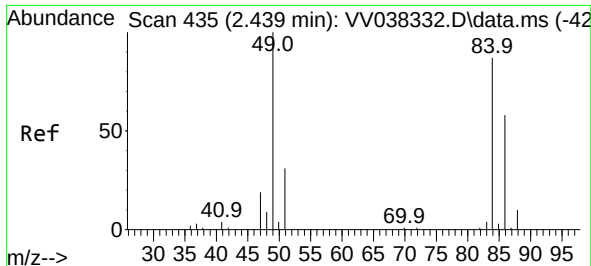
Tgt Ion:101 Resp: 16601
 Ion Ratio Lower Upper
 101 100
 85 42.6 33.4 50.0
 151 70.0 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 3.338 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038344.D
 Acq: 25 Nov 2024 15:15

Tgt Ion: 96 Resp: 48642
 Ion Ratio Lower Upper
 96 100
 61 172.1 115.7 214.9
 63 148.5 101.1 187.7

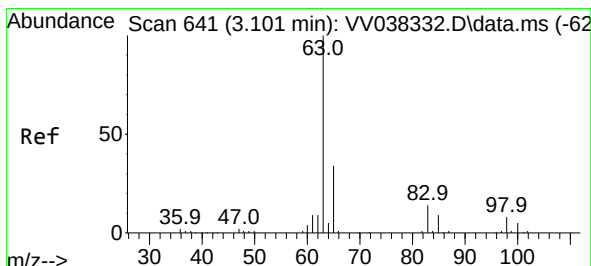
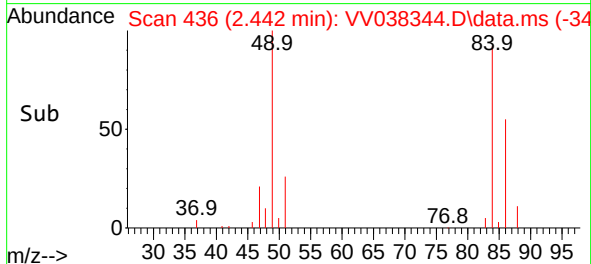
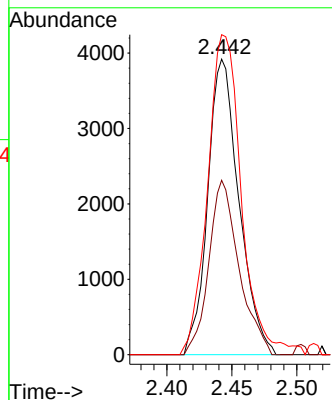
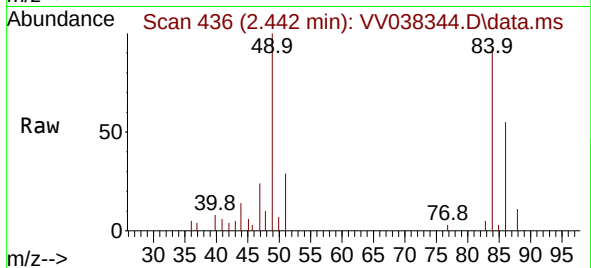




#16
Methylene chloride
Concen: 0.395 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

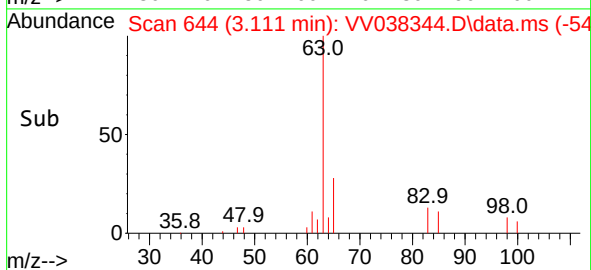
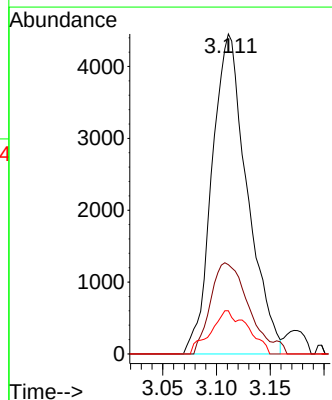
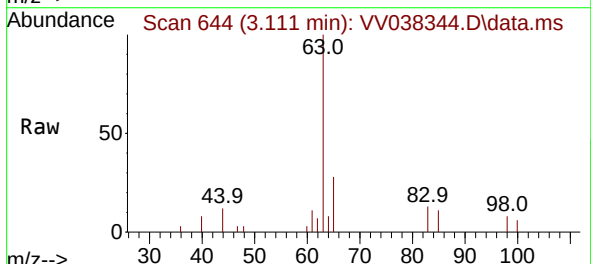
Instrument :
MSVOA_V
ClientSampleId :

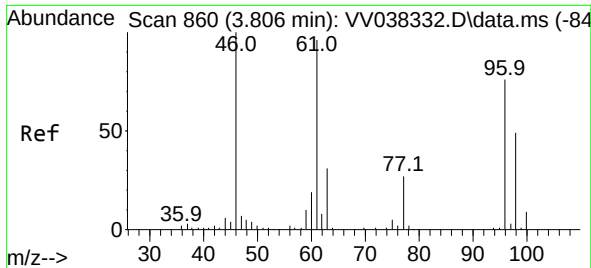
Tgt Ion: 84 Resp: 6560
Ion Ratio Lower Upper
84 100
86 59.0 44.2 82.2
49 108.3 74.9 139.1



#19
1,1-Dichloroethane
Concen: 0.363 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.010 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

Tgt Ion: 63 Resp: 10112
Ion Ratio Lower Upper
63 100
65 27.9 22.5 41.7
83 13.5 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 2.719 ug/L

RT: 3.809 min Scan# 80

Delta R.T. 0.003 min

Lab File: VV038344.D

Acq: 25 Nov 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

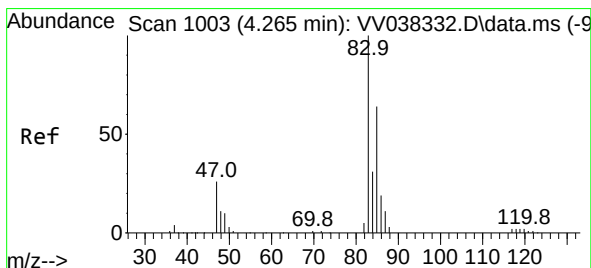
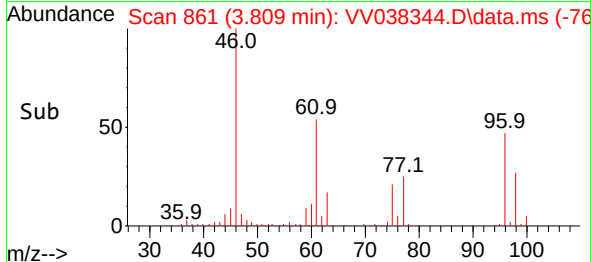
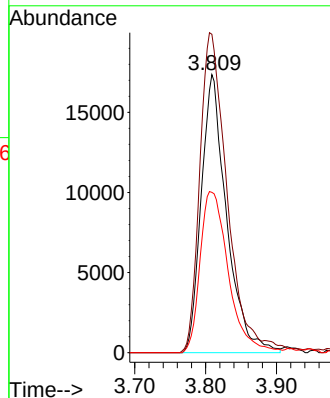
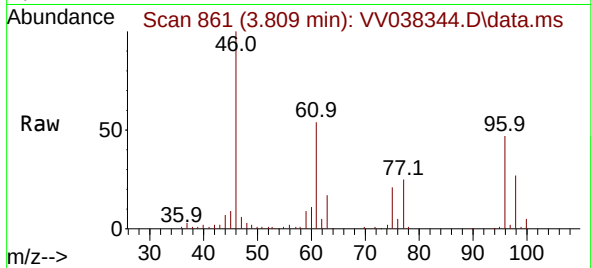
Tgt Ion: 96 Resp: 43155

Ion Ratio Lower Upper

96 100

61 114.5 82.7 153.5

98 57.7 46.3 85.9



#25

Chloroform

Concen: 0.733 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.013 min

Lab File: VV038344.D

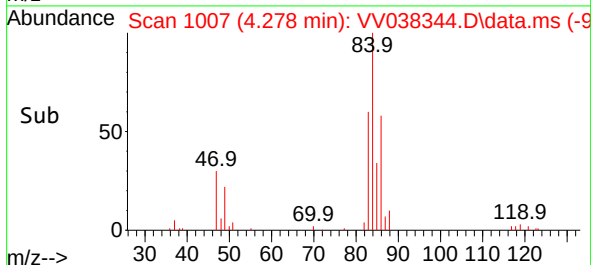
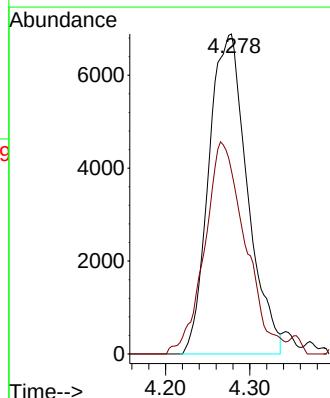
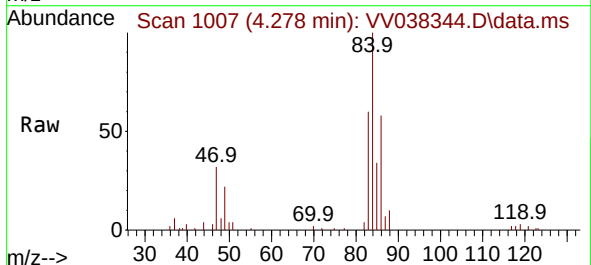
Acq: 25 Nov 2024 15:15

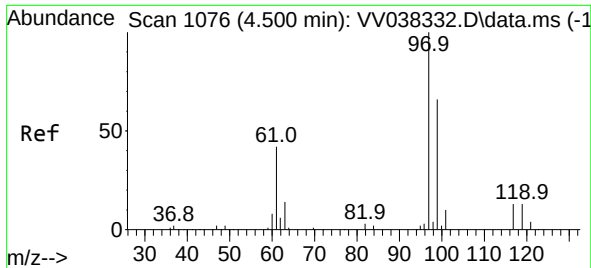
Tgt Ion: 83 Resp: 21846

Ion Ratio Lower Upper

83 100

85 57.3 46.5 86.3

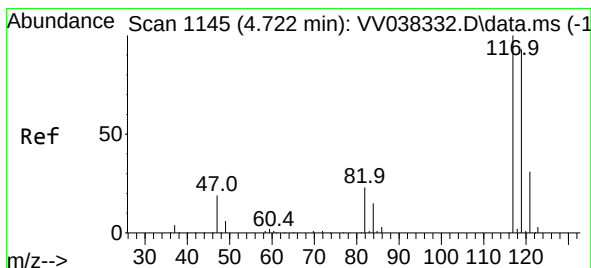
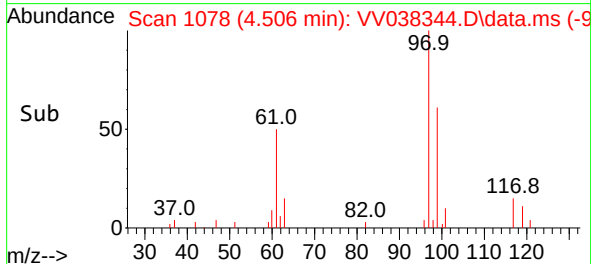
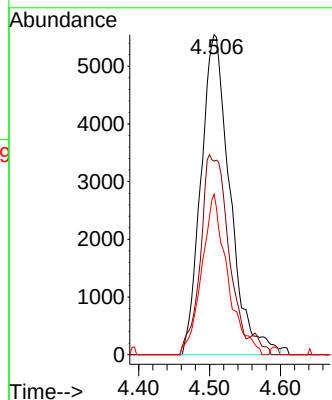
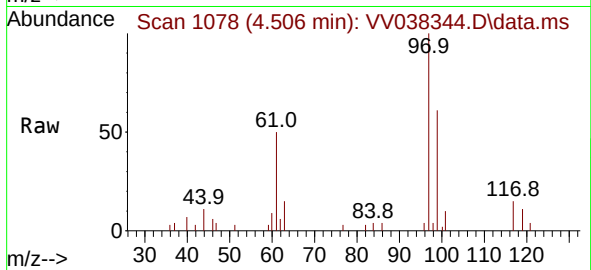




#29
1,1,1-Trichloroethane
Concen: 0.571 ug/L
RT: 4.506 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

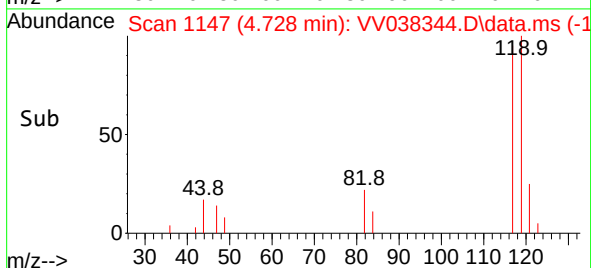
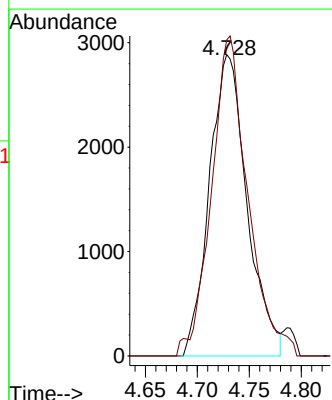
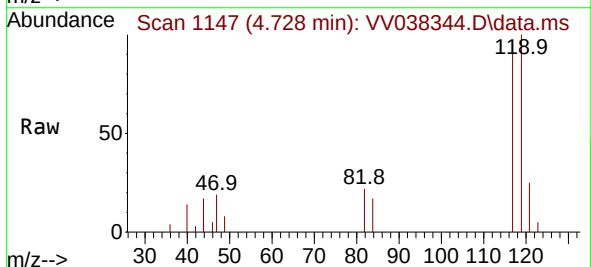
Instrument :
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ClientSampleId :

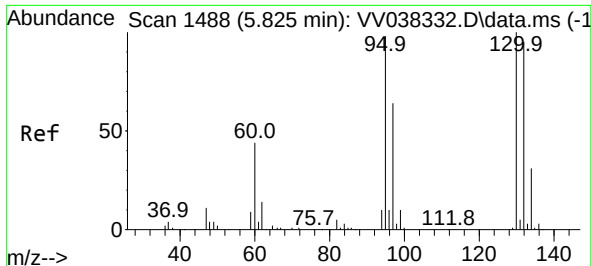
Tgt Ion: 97 Resp: 15779
Ion Ratio Lower Upper
97 100
99 60.1 51.8 77.8
61 44.5 32.2 48.2



#31
Carbon tetrachloride
Concen: 0.298 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

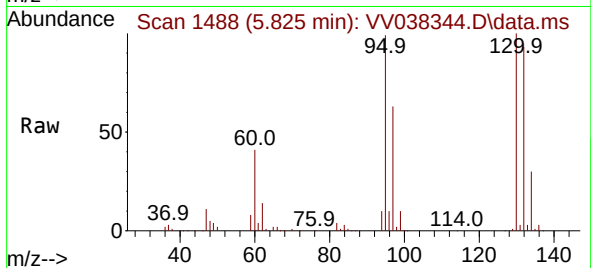
Tgt Ion: 117 Resp: 7263
Ion Ratio Lower Upper
117 100
119 102.6 77.4 116.2



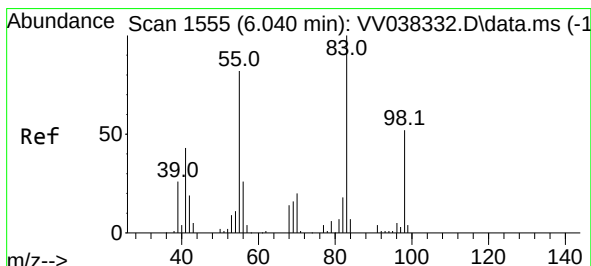
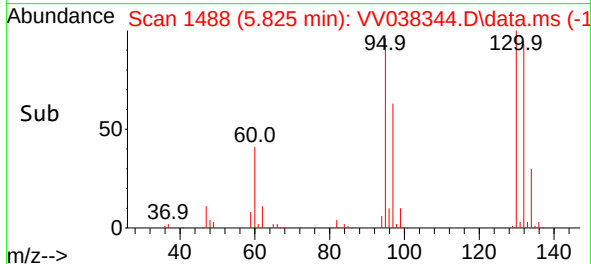
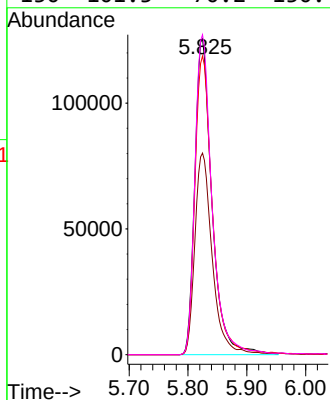


#34
Trichloroethene
Concen: 14.466 ug/L
RT: 5.825 min Scan# 14
Delta R.T. -0.000 min
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Acq: 25 Nov 2024 15:15

Instrument :
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ClientSampleId :

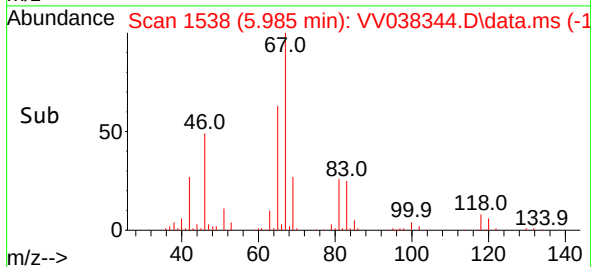
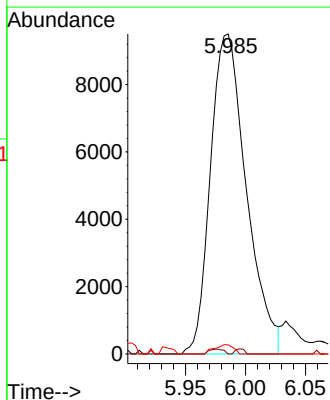
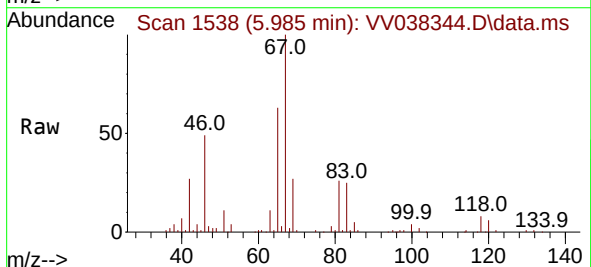


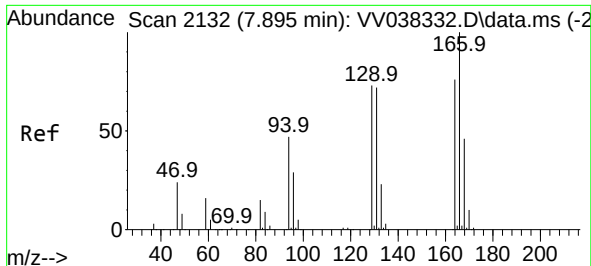
Tgt Ion:	95	Resp:	255261
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.8	83.2
132	94.6	68.3	126.8
130	101.3	70.2	130.4



#35
Methylcyclohexane
Concen: 0.792 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.055 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

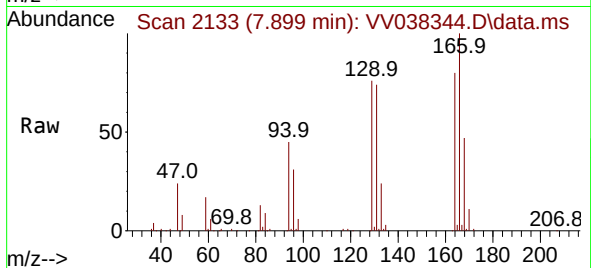
Tgt Ion:	83	Resp:	19778
Ion	Ratio	Lower	Upper
83	100		
55	0.6	59.7	89.5#
98	1.5	39.0	58.4#



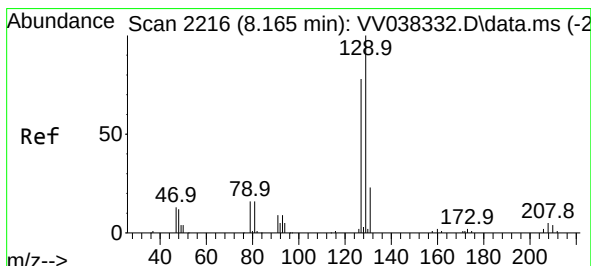
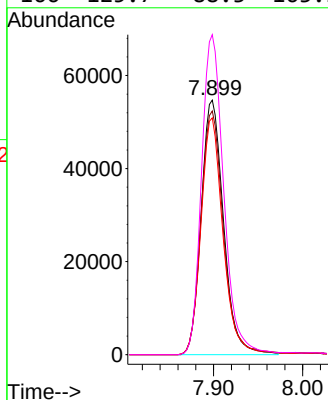
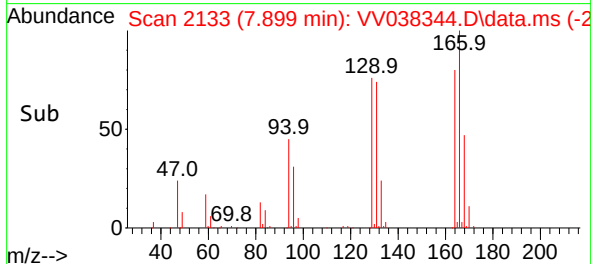


#47
Tetrachloroethene
Concen: 6.721 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

Instrument :
MSVOA_V
ClientSampleId :

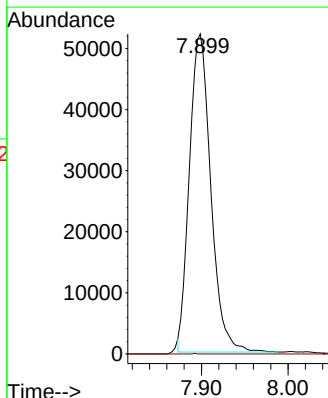
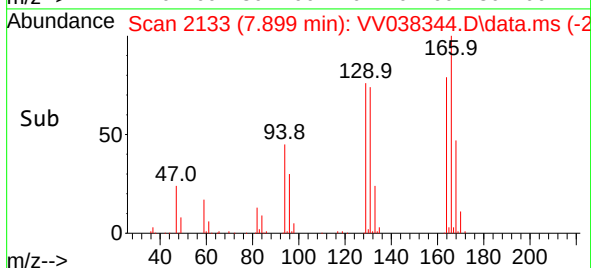
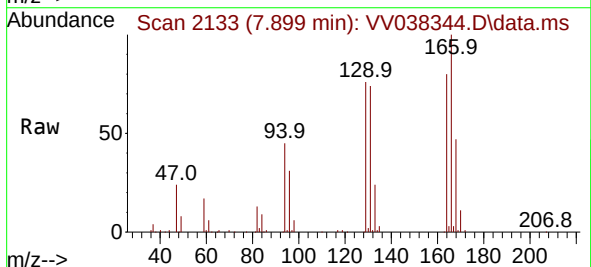


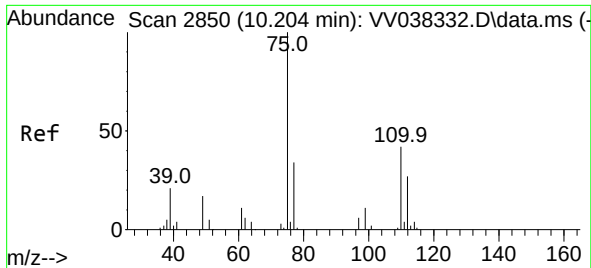
Tgt Ion:164 Resp: 95299
Ion Ratio Lower Upper
164 100
129 95.7 68.5 127.1
131 93.0 64.8 120.4
166 125.7 88.3 163.9



#49
Dibromochloromethane
Concen: 6.236 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.267 min
Lab File: VV038344.D
Acq: 25 Nov 2024 15:15

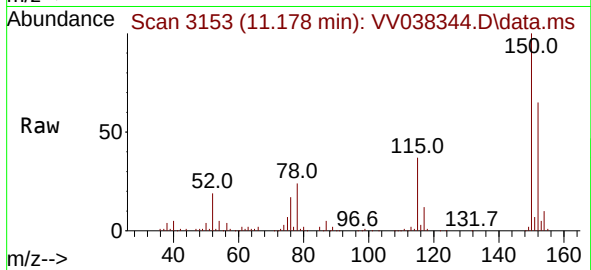
Tgt Ion:129 Resp: 89405
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.362 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV038344.D
 Acq: 25 Nov 2024 15:15

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 10653
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.4 39.6
 110 3.1 32.3 48.5#

