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 Data File : VW026800.D
 Acq On : 15 Jul 2022 19:02
 Operator : SY/MD
 Sample : N3710-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B45

Quant Time: Jul 16 00:57:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 16 00:49:45 2022
 Response via : Initial Calibration

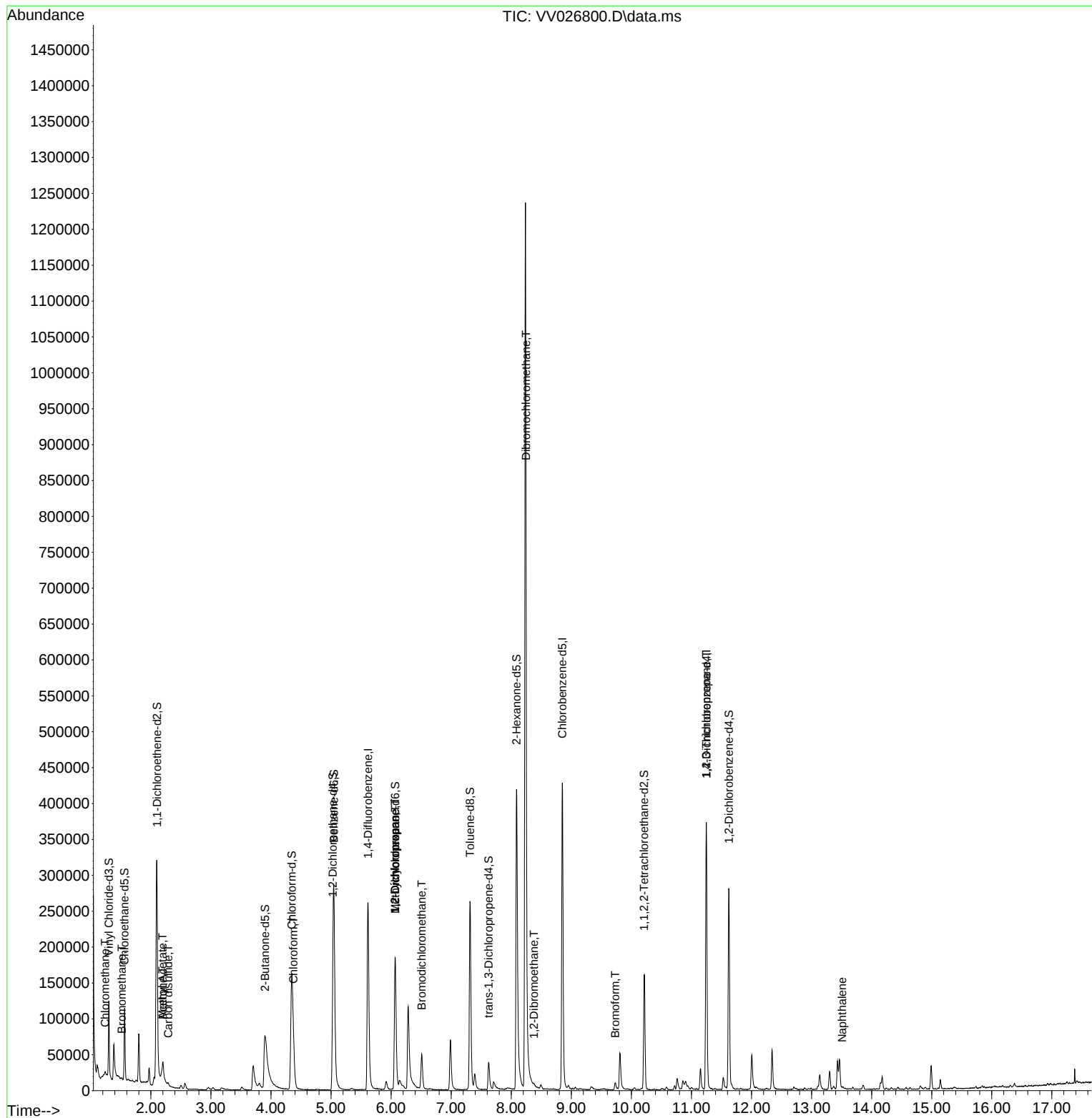
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	235275	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	241513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	96760	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	61106	2.847	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.000%
7) Chloroethane-d5	1.561	69	66517	3.587	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.101	63	87365	2.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	42.400%#
20) 2-Butanone-d5	3.902	46	189560	56.586	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.180%
24) Chloroform-d	4.346	84	159843	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.031	65	74594	4.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.047	84	262898	3.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	6.069	67	96271	4.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.313	98	184615	2.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.600%#
43) trans-1,3-Dichloroprop...	7.625	79	25317	3.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.088	63	157583	50.558	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	82804	4.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	73298	4.348	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	3179	0.111	ug/L	90
6) Bromomethane	1.516	94	1034	0.059	ug/L	90
13) Acetone	2.195	43	34632	12.287	ug/L #	72
14) Carbon disulfide	2.288	76	3540	0.058	ug/L #	73
15) Methyl Acetate	2.195	43	34632	6.075	ug/L #	50
25) Chloroform	4.375	83	57348	1.581	ug/L	98
35) Methylcyclohexane	6.069	83	23239	0.767	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	10308	0.534	ug/L #	85
38) Bromodichloromethane	6.510	83	34492	1.370	ug/L	96
49) Dibromochloromethane	8.246	129	22503	1.383	ug/L	95
50) 1,2-Dibromoethane	8.378	107	866	0.069	ug/L #	4
59) Bromoform	9.731	173	4342	0.699	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	11483	1.287	ug/L #	60
71) Naphthalene	13.509	128	2511	0.095	ug/L #	83

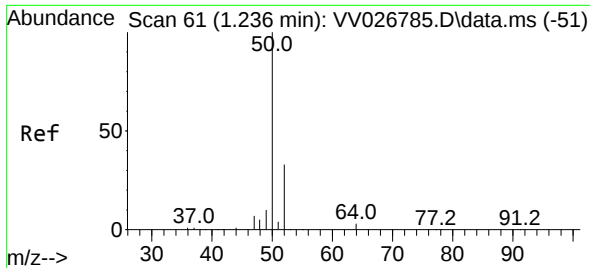
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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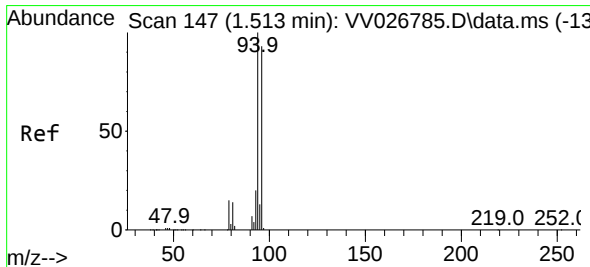
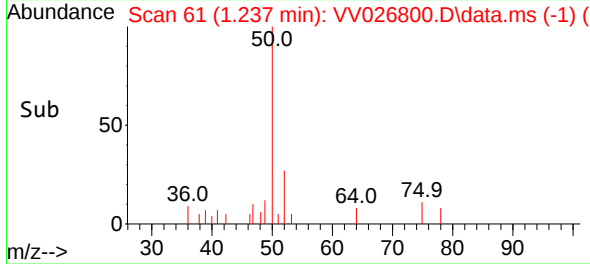
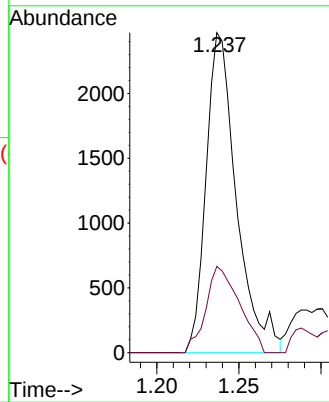
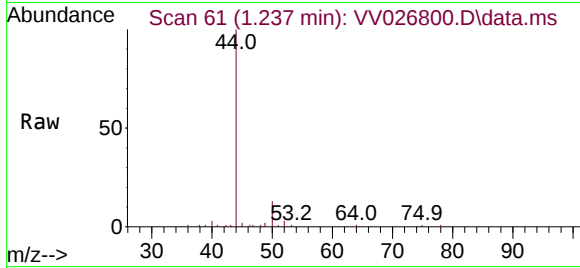




#3
Chloromethane
Concen: 0.111 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

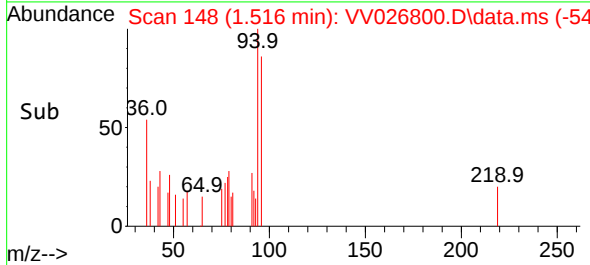
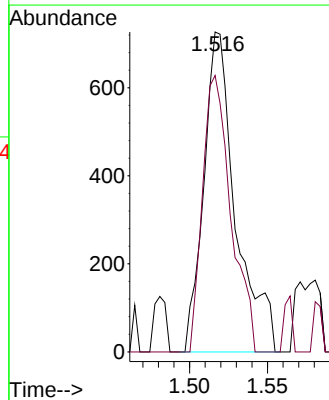
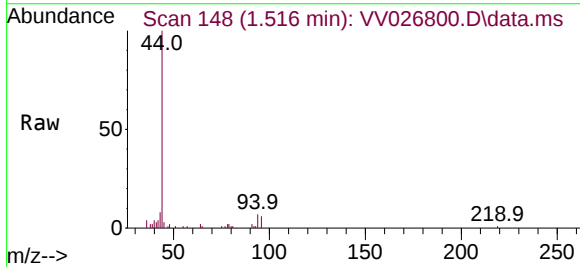
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ClientSampleId :
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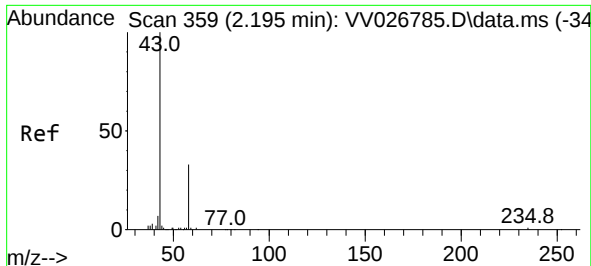
Tgt Ion: 50 Resp: 3179
Ion Ratio Lower Upper
50 100
52 27.0 22.8 42.4



#6
Bromomethane
Concen: 0.059 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.003 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

Tgt Ion: 94 Resp: 1034
Ion Ratio Lower Upper
94 100
96 86.4 67.1 124.7

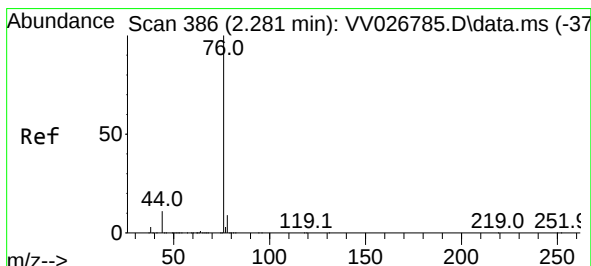
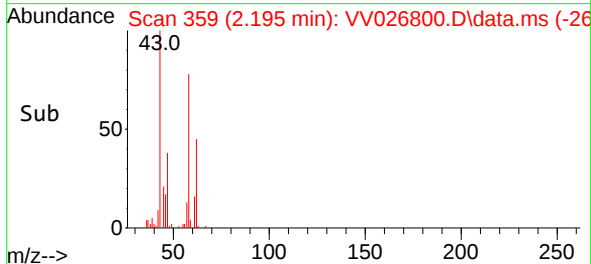
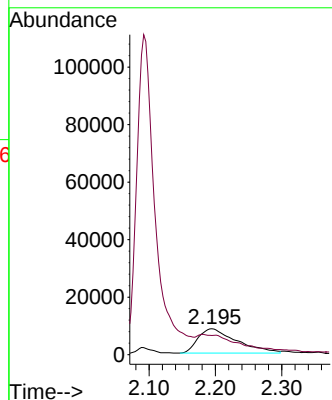
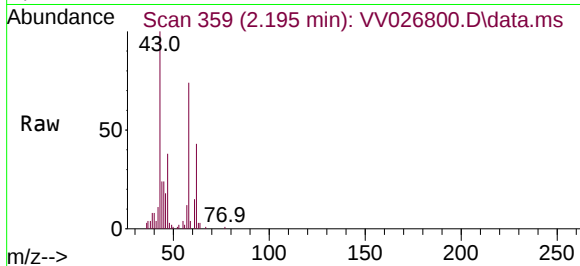




#13
Acetone
Concen: 12.287 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

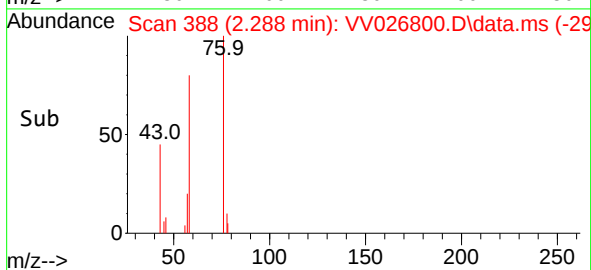
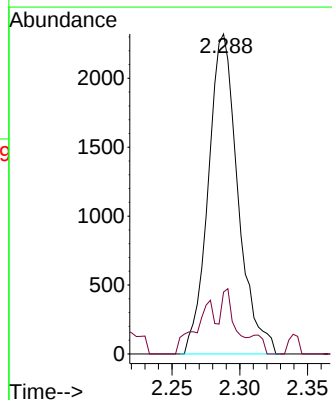
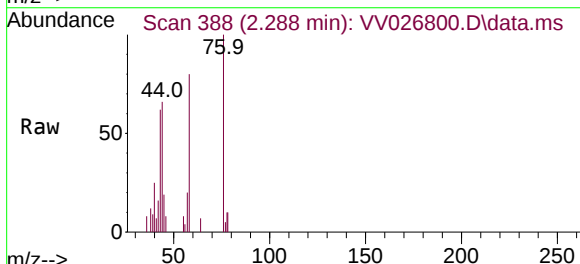
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ClientSampleId :
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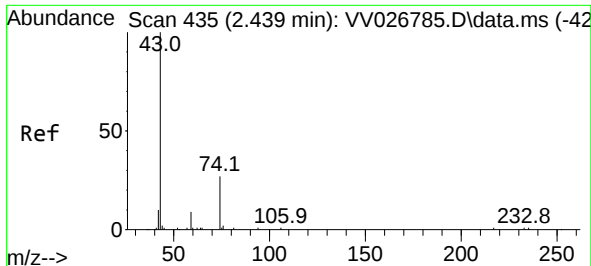
Tgt Ion: 43 Resp: 34632
Ion Ratio Lower Upper
43 100
58 0.0 0.0 20.6



#14
Carbon disulfide
Concen: 0.058 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.007 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

Tgt Ion: 76 Resp: 3540
Ion Ratio Lower Upper
76 100
78 19.3 7.7 11.5#

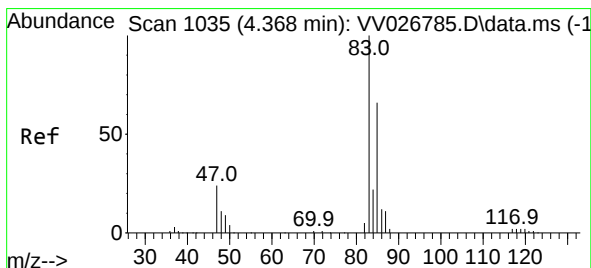
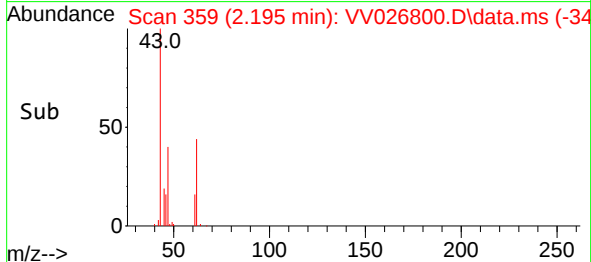
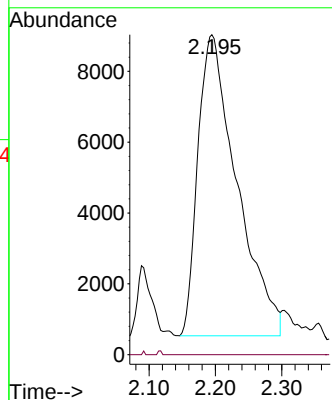
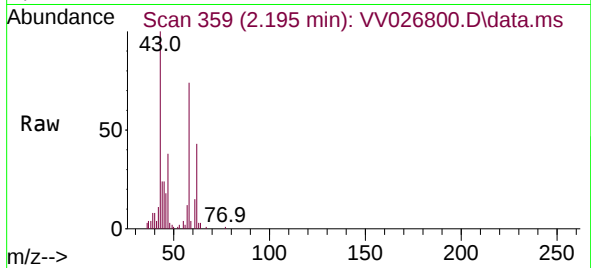




#15
Methyl Acetate
Concen: 6.075 ug/L
RT: 2.195 min Scan# 31
Delta R.T. -0.244 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

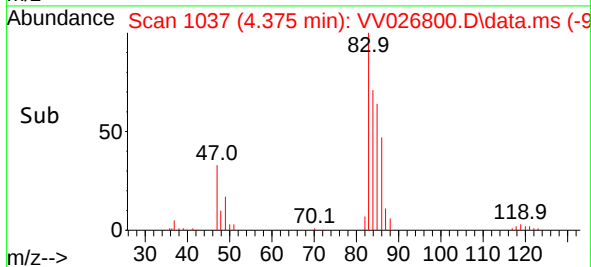
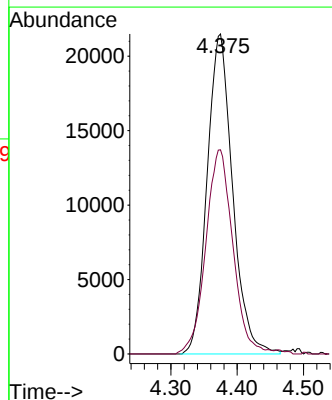
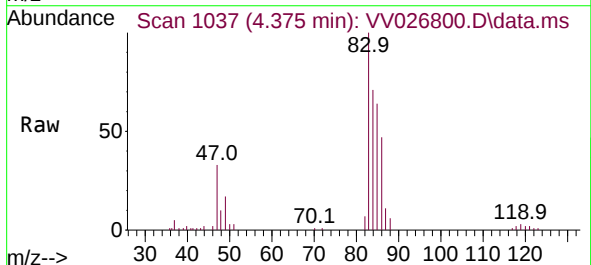
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ClientSampleId :
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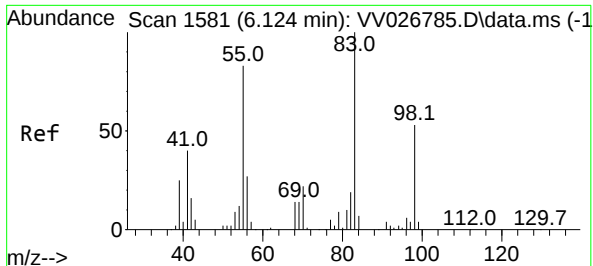
Tgt Ion: 43 Resp: 34632
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#25
Chloroform
Concen: 1.581 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

Tgt Ion: 83 Resp: 57348
Ion Ratio Lower Upper
83 100
85 63.8 45.7 84.9

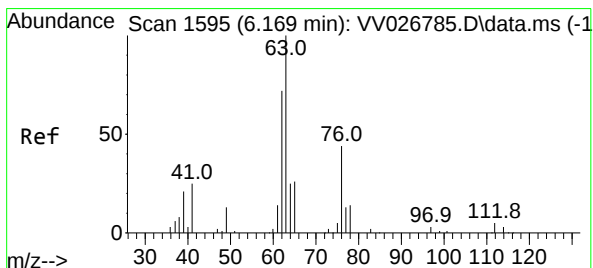
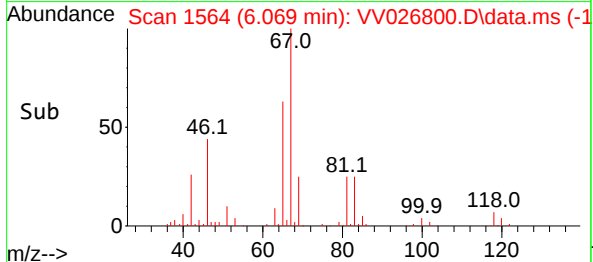
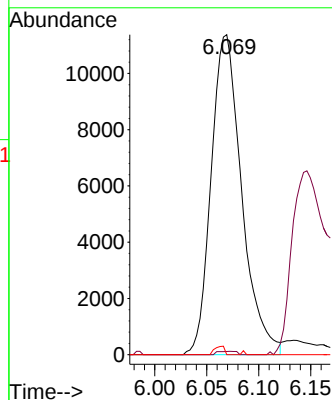
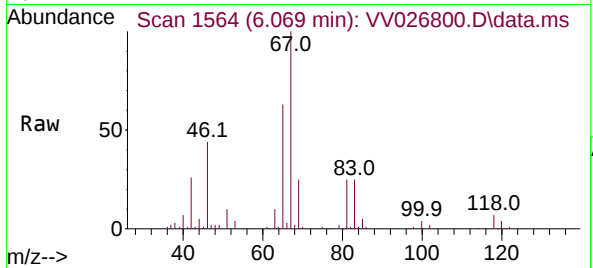




#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.055 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

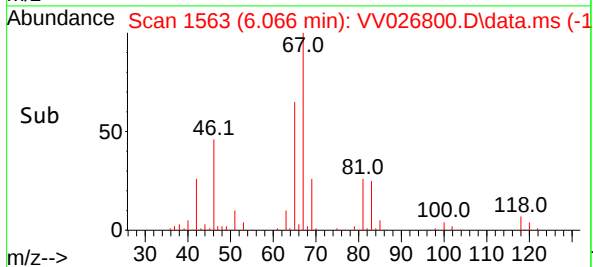
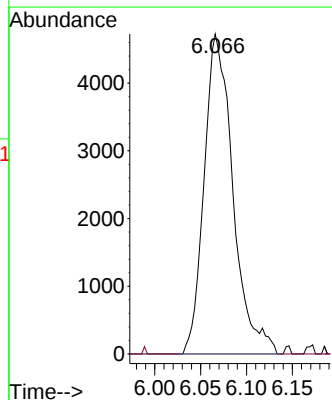
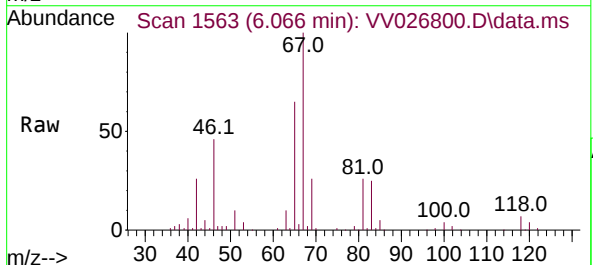
Instrument :
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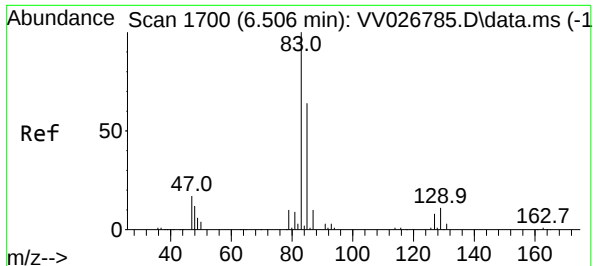
Tgt Ion: 83 Resp: 23239
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.8 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

Tgt Ion: 63 Resp: 10308
Ion Ratio Lower Upper
63 100
112 0.2 4.2 6.2#

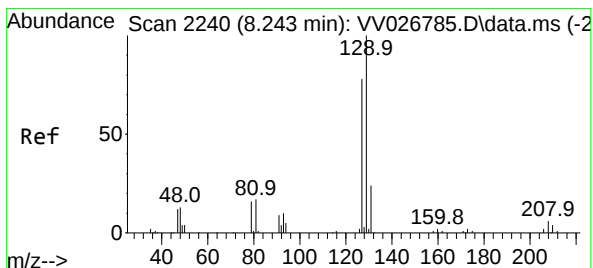
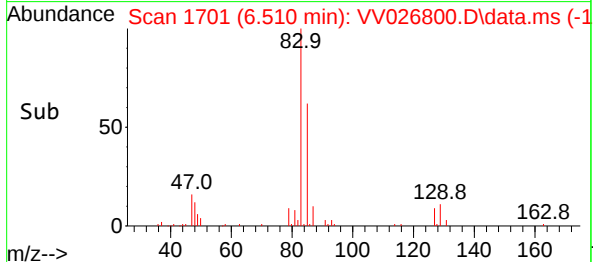
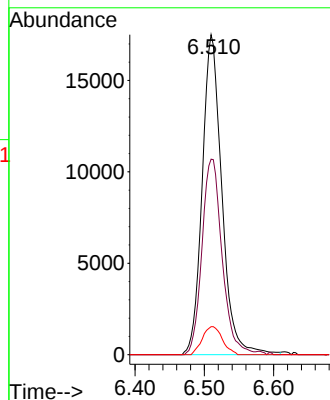
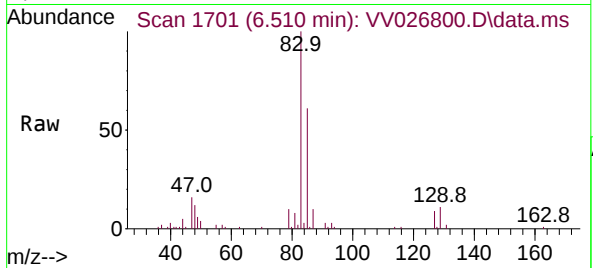




#38
Bromodichloromethane
Concen: 1.370 ug/L
RT: 6.510 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

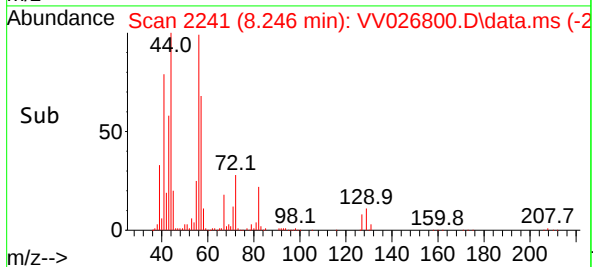
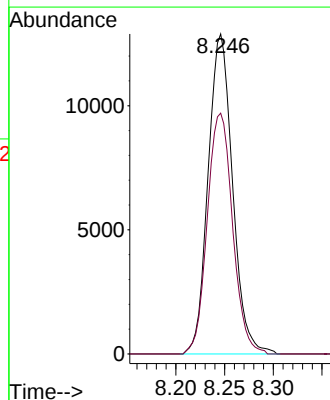
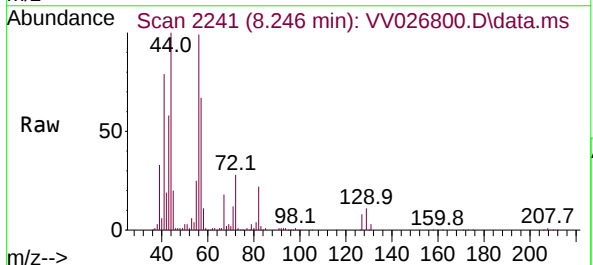
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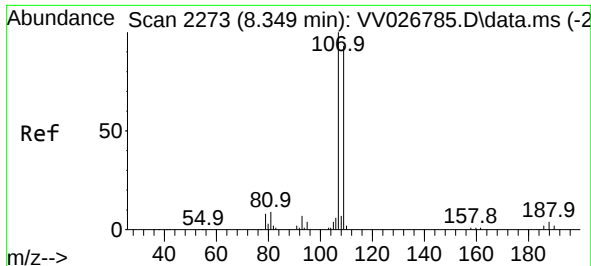
Tgt Ion: 83 Resp: 34492
Ion Ratio Lower Upper
83 100
85 61.1 45.4 84.4
127 8.8 6.6 10.0



#49
Dibromochloromethane
Concen: 1.383 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

Tgt Ion: 129 Resp: 22503
Ion Ratio Lower Upper
129 100
127 75.2 55.7 103.5

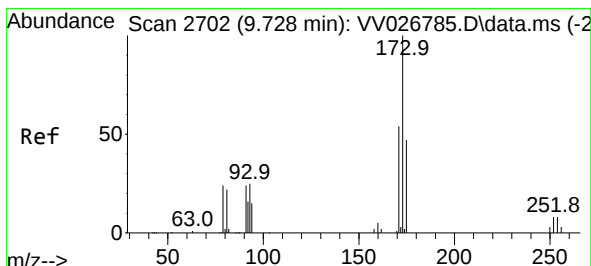
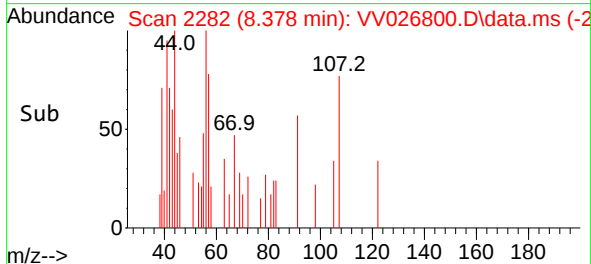
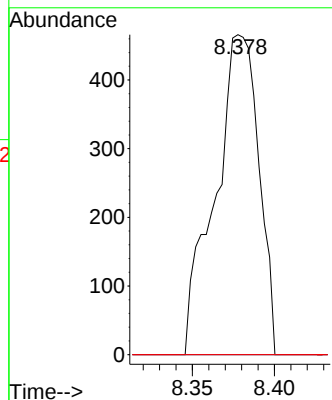
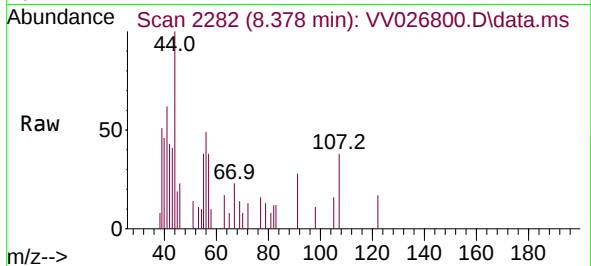




#50
1,2-Dibromoethane
Concen: 0.069 ug/L
RT: 8.378 min Scan# 21
Delta R.T. 0.029 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

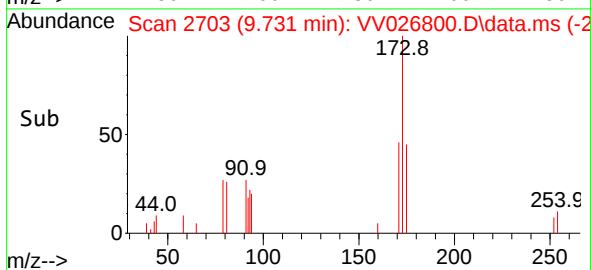
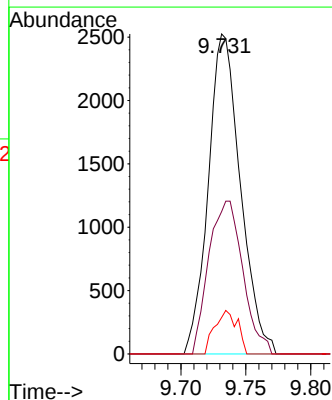
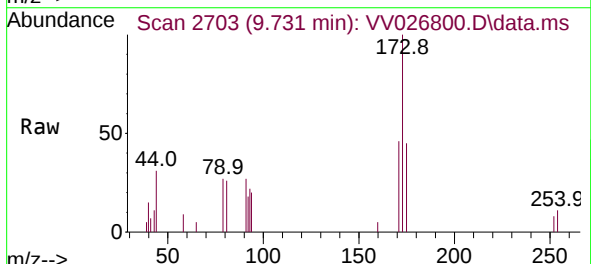
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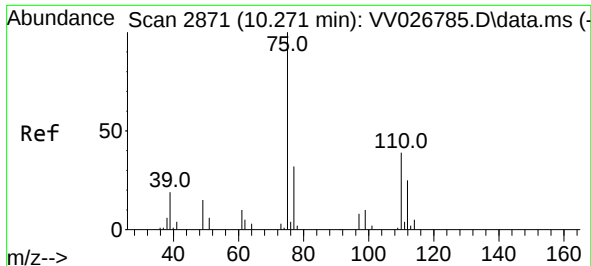
Tgt Ion:107 Resp: 866
Ion Ratio Lower Upper
107 100
109 0.0 68.0 126.4#
188 0.0 2.8 4.2#



#59
Bromoform
Concen: 0.699 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

Tgt Ion:173 Resp: 4342
Ion Ratio Lower Upper
173 100
175 50.6 40.7 61.1
254 9.5 6.5 9.7

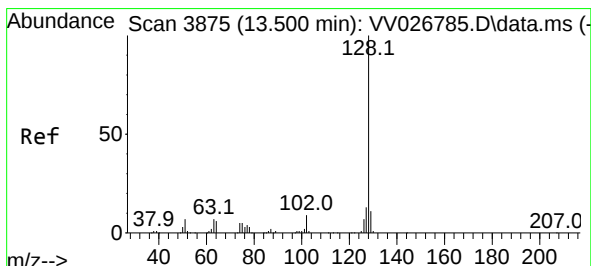
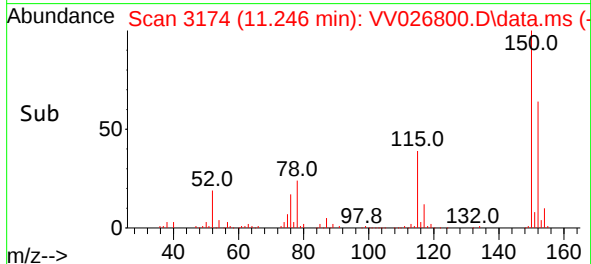
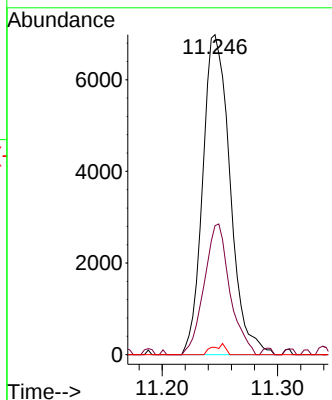
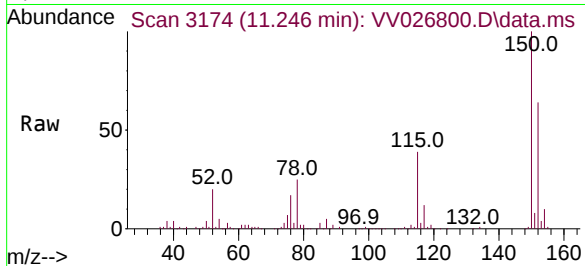




#61
1,2,3-Trichloropropane
Concen: 1.287 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

Instrument :
MSVOA_V
ClientSampleId :
H0B45

Tgt Ion: 75 Resp: 11483
Ion Ratio Lower Upper
75 100
77 38.4 25.4 38.0#
110 1.6 31.8 47.6#



#71
Naphthalene
Concen: 0.095 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV026800.D
Acq: 15 Jul 2022 19:02

Tgt Ion: 128 Resp: 2511
Ion Ratio Lower Upper
128 100
129 18.7 8.4 12.6#
127 8.3 10.7 16.1#

