

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042922\
 Data File : VW025736.D
 Acq On : 29 Apr 2022 11:28
 Operator : SY/MD
 Sample : N2615-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH0D7

Quant Time: May 02 01:23:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon May 02 01:22:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	158095	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	160794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75402	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	57879	3.938	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.568	69	61514	3.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.108	63	95773	3.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	3.895	46	109282	61.123	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.240%
24) Chloroform-d	4.346	84	117502	5.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	5.030	65	55478	5.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.000%
32) Benzene-d6	5.043	84	221801	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.063	67	69592	5.364	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.313	98	183769	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.622	79	19982	4.582	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.085	63	80325	52.480	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40801	4.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	66353	5.249	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	995	0.064	ug/L	95
13) Acetone	2.188	43	6348	5.231	ug/L #	21
16) Methylene chloride	2.506	84	33561	2.524	ug/L	95
21) 2-Butanone	3.989	43	6409	3.822	ug/L	95
25) Chloroform	4.368	83	4973	0.242	ug/L	96
33) Benzene	5.098	78	14825	0.312	ug/L	100
35) Methylcyclohexane	6.063	83	17102	0.850	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	8043	0.732	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1683	0.117	ug/L #	60
42) Toluene	7.387	91	28311	0.548	ug/L	96
44) trans-1,3-Dichloropropene	7.625	75	900	0.080	ug/L #	48
52) Ethylbenzene	9.014	91	2327	0.042	ug/L	98
53) m,p-Xylene	9.140	106	2630	0.126	ug/L	86
54) o-Xylene	9.545	106	2521	0.124	ug/L	98
61) 1,2,3-Trichloropropane	11.246	75	9151	1.843	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.538	105	1198	0.058	ug/L	90
63) 1,2,4-Trimethylbenzene	10.914	105	5039	0.134	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.242	75	169	0.197	ug/L #	2
71) Naphthalene	13.506	128	6461	0.345	ug/L	97

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon May 02 01:22:31 2022
Response via : Initial Calibration

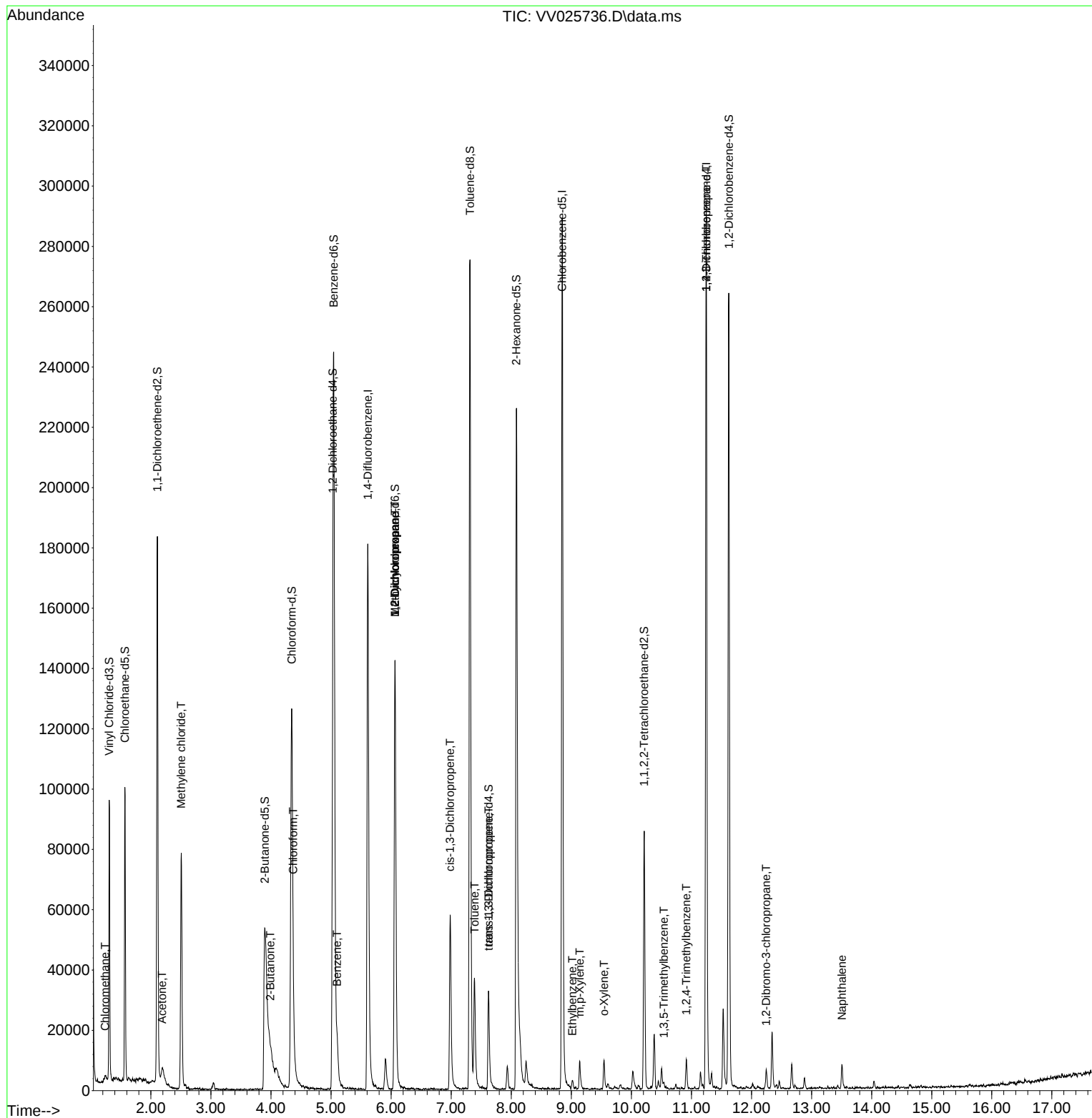
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

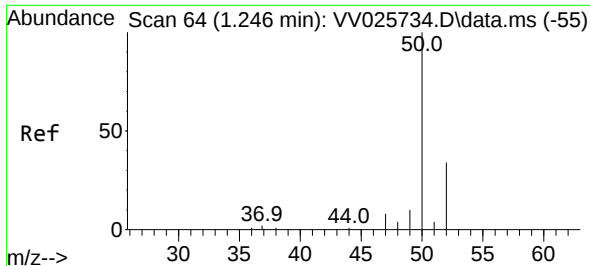
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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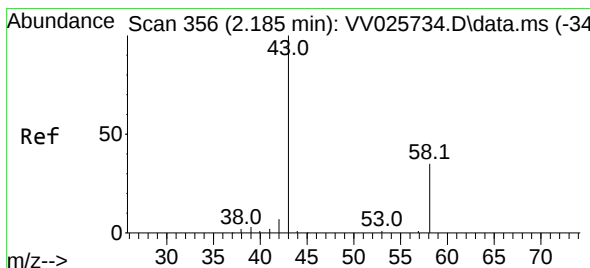
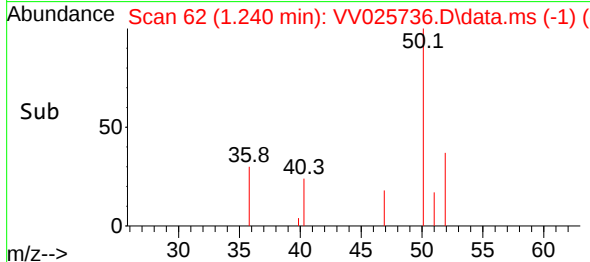
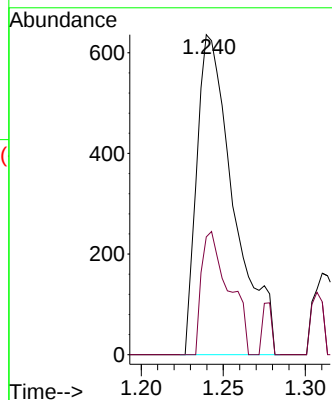
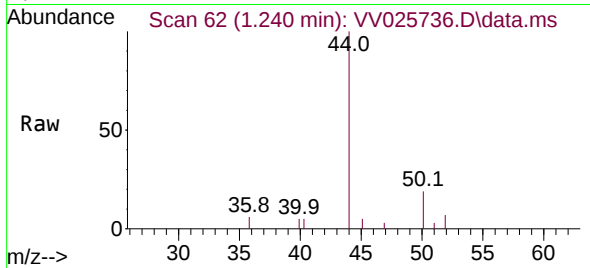




#3
Chloromethane
Concen: 0.064 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.006 min
Lab File: VV025736.D
Acq: 29 Apr 2022 11:28

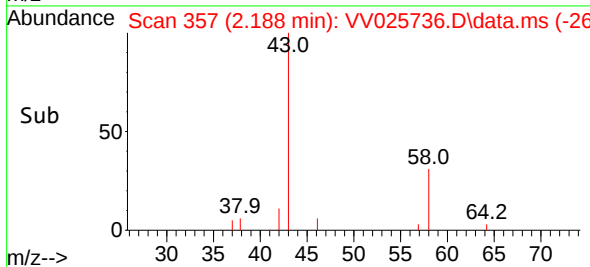
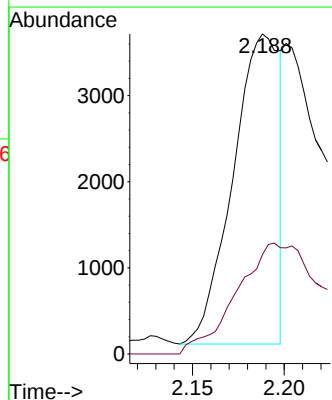
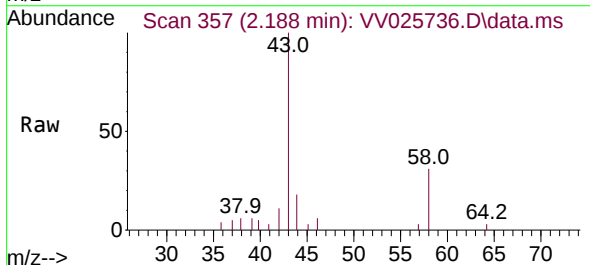
Instrument :
MSVOA_V
ClientSampleId :
BH0D7

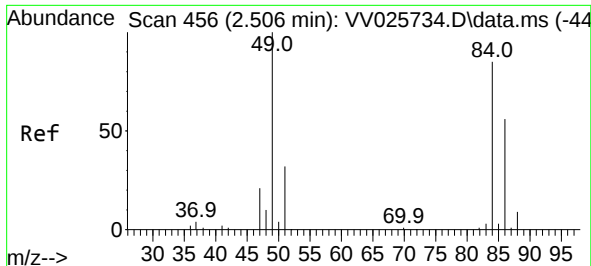
Tgt Ion: 50 Resp: 995
Ion Ratio Lower Upper
50 100
52 36.8 23.7 43.9



#13
Acetone
Concen: 5.231 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.003 min
Lab File: VV025736.D
Acq: 29 Apr 2022 11:28

Tgt Ion: 43 Resp: 6348
Ion Ratio Lower Upper
43 100
58 82.9 0.0 72.2#

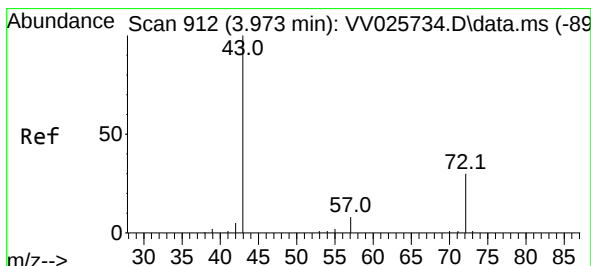
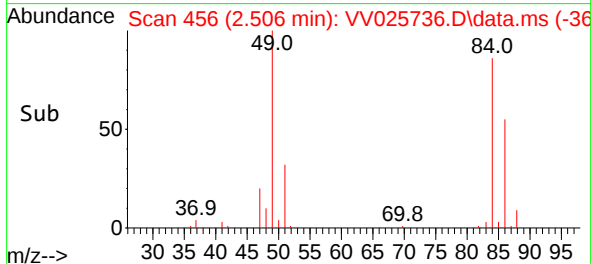
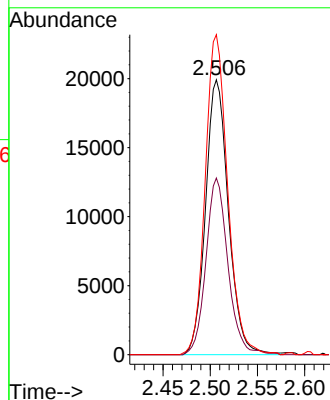
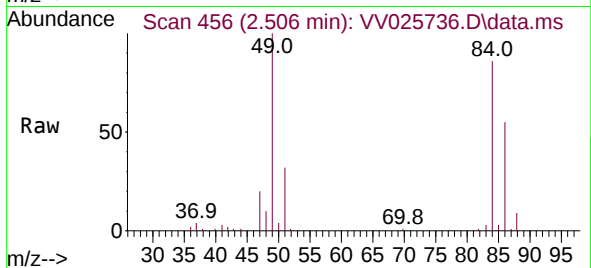




#16
Methylene chloride
Concen: 2.524 ug/L
RT: 2.506 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025736.D
Acq: 29 Apr 2022 11:28

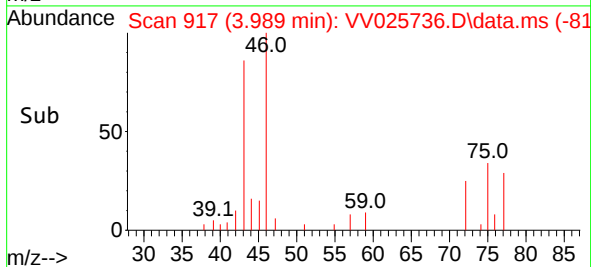
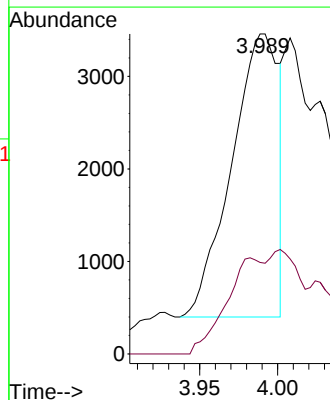
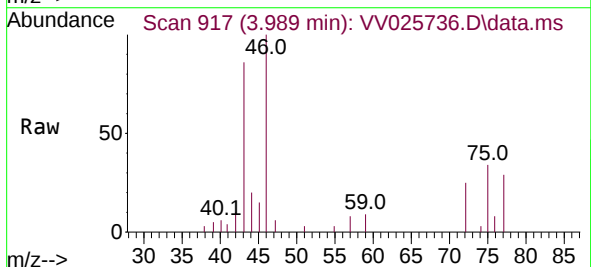
Instrument :
MSVOA_V
ClientSampleId :
BH0D7

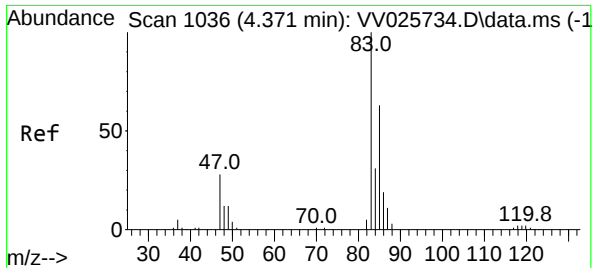
Tgt Ion: 84 Resp: 33561
Ion Ratio Lower Upper
84 100
86 64.3 45.9 85.3
49 116.4 76.6 142.3



#21
2-Butanone
Concen: 3.822 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.016 min
Lab File: VV025736.D
Acq: 29 Apr 2022 11:28

Tgt Ion: 43 Resp: 6409
Ion Ratio Lower Upper
43 100
72 27.9 15.2 45.6

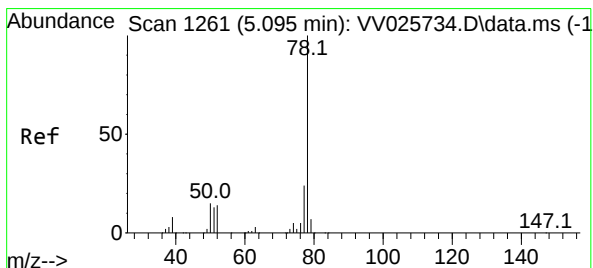
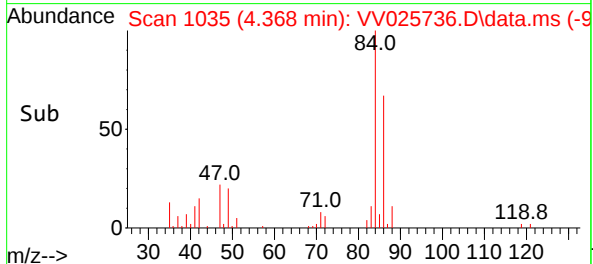
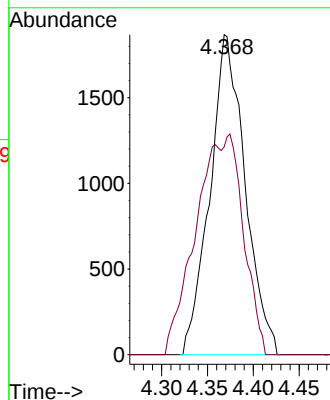
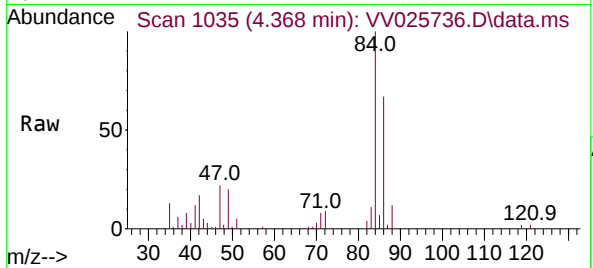




#25
Chloroform
Concen: 0.242 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV025736.D
Acq: 29 Apr 2022 11:28

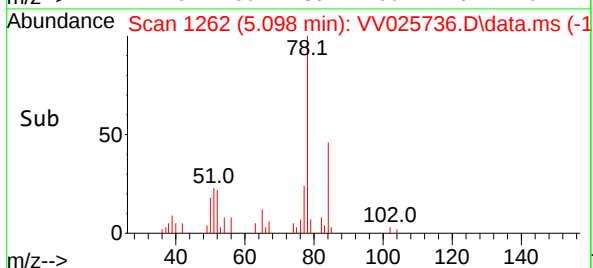
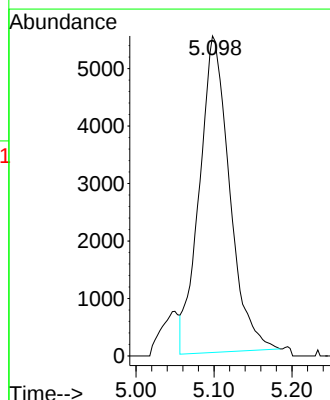
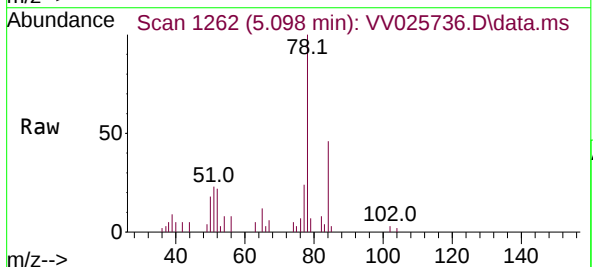
Instrument :
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BH0D7

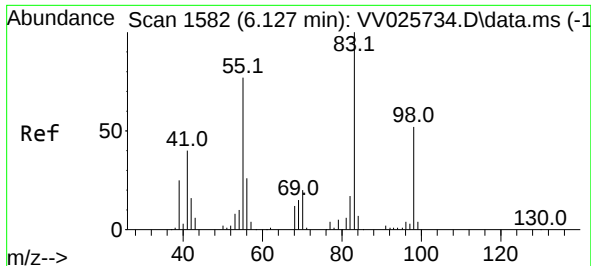
Tgt Ion: 83 Resp: 4973
Ion Ratio Lower Upper
83 100
85 64.9 43.5 80.7



#33
Benzene
Concen: 0.312 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV025736.D
Acq: 29 Apr 2022 11:28

Tgt Ion: 78 Resp: 14825

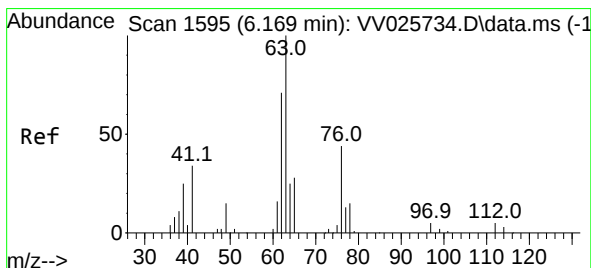
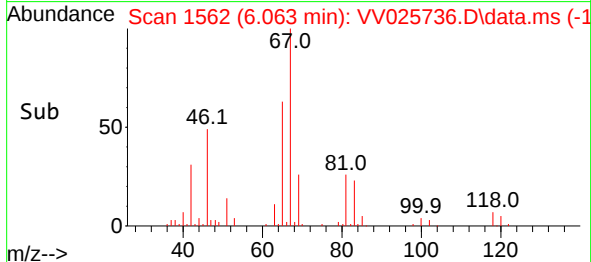
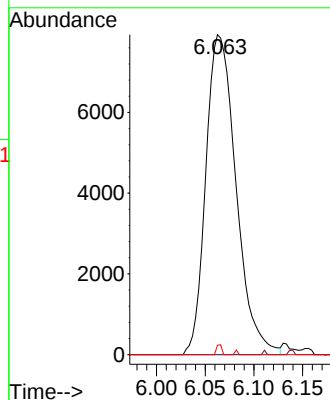
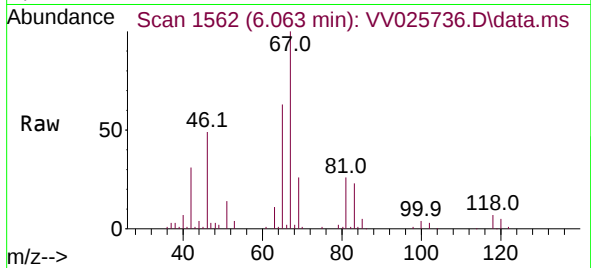




#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV025736.D
Acq: 29 Apr 2022 11:28

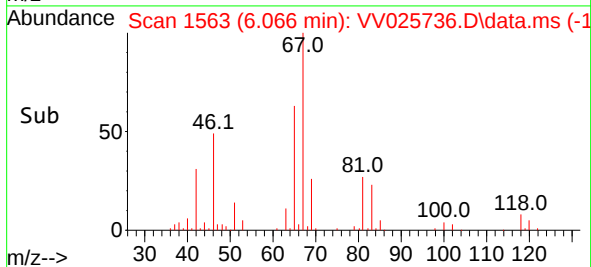
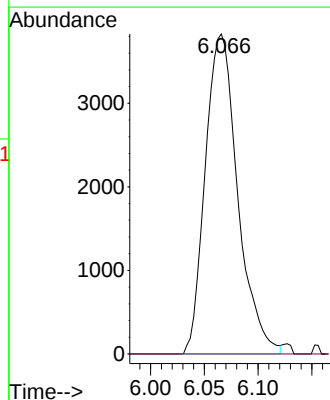
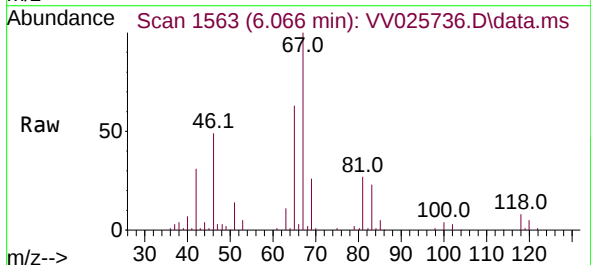
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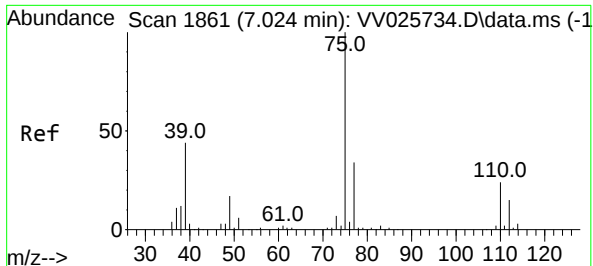
Tgt Ion: 83 Resp: 17102
Ion Ratio Lower Upper
83 100
55 0.1 53.7 80.5#
98 0.5 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.732 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV025736.D
Acq: 29 Apr 2022 11:28

Tgt Ion: 63 Resp: 8043
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV025736.D

Acq: 29 Apr 2022 11:28

Instrument :

MSVOA_V

ClientSampleId :

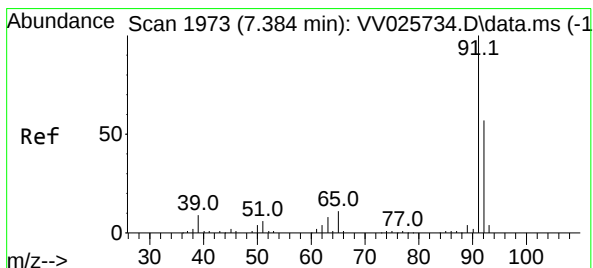
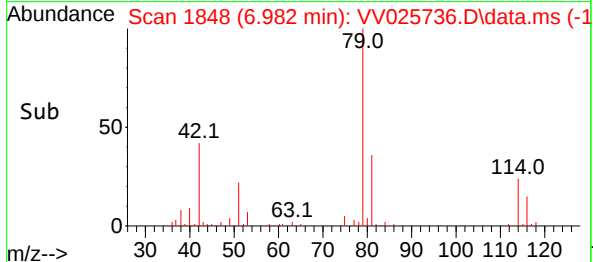
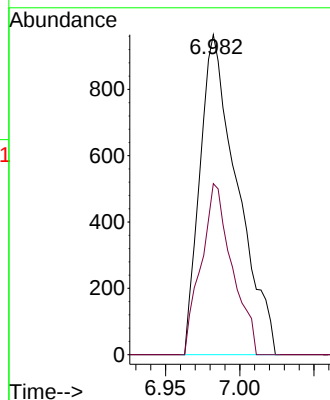
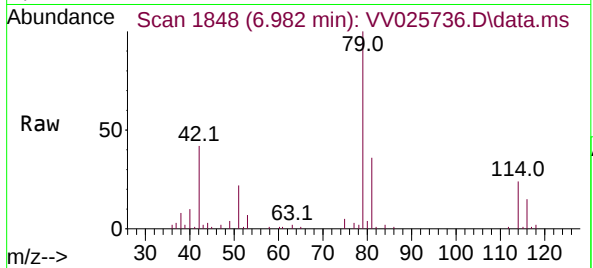
BH0D7

Tgt Ion: 75 Resp: 1683

Ion Ratio Lower Upper

75 100

77 53.5 21.8 40.6#



#42

Toluene

Concen: 0.548 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV025736.D

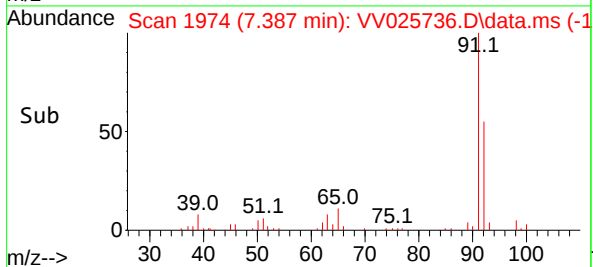
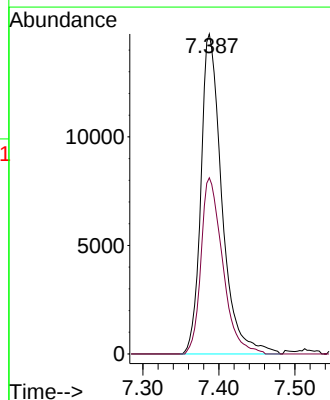
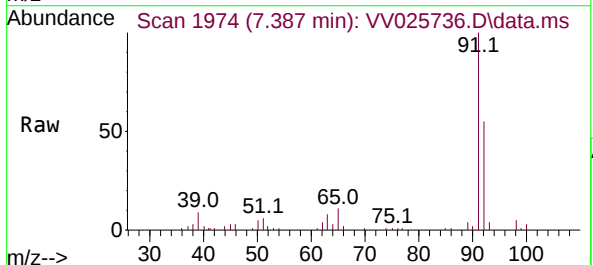
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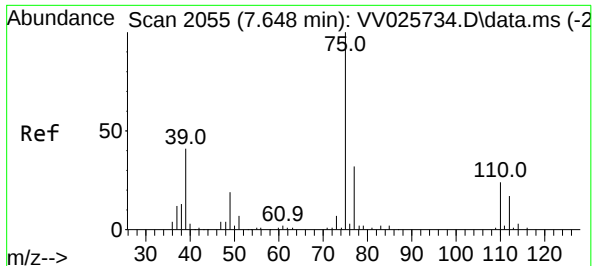
Tgt Ion: 91 Resp: 28311

Ion Ratio Lower Upper

91 100

92 55.1 40.8 75.8

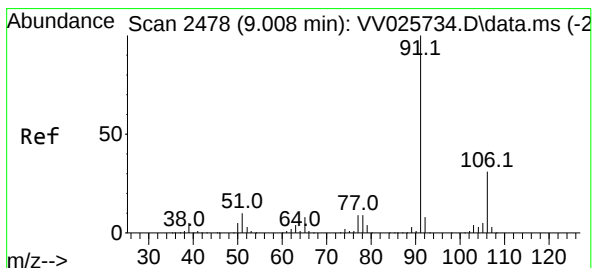
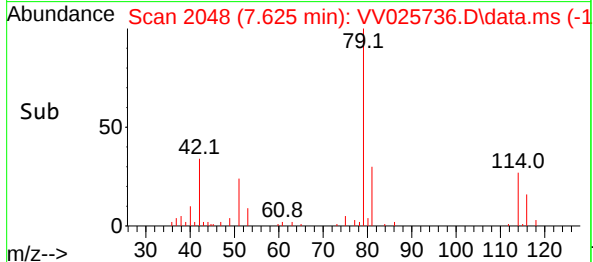
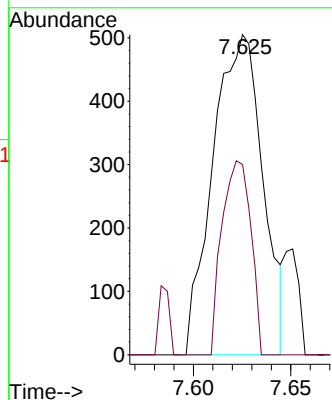
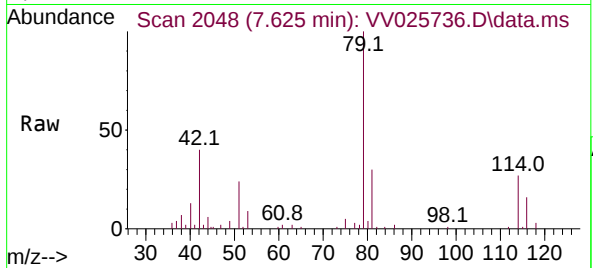




#44
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.022 min
Lab File: VV025736.D
Acq: 29 Apr 2022 11:28

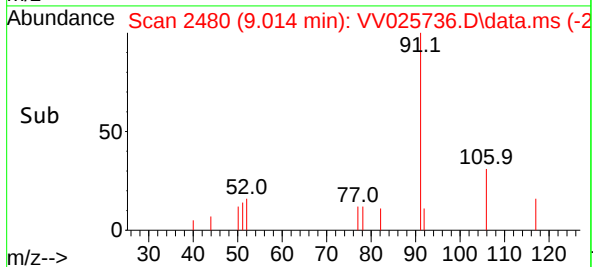
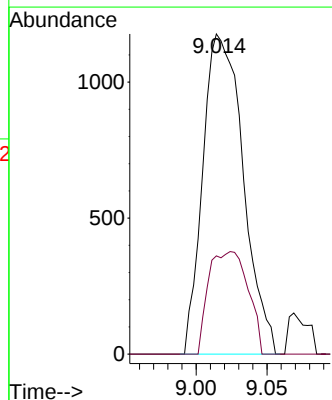
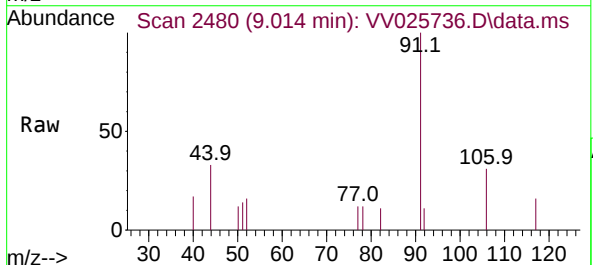
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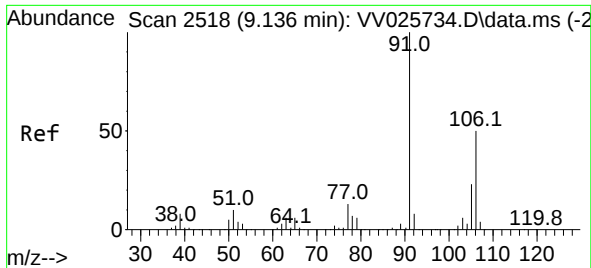
Tgt Ion: 75 Resp: 900
Ion Ratio Lower Upper
75 100
77 59.4 21.7 40.3#



#52
Ethylbenzene
Concen: 0.042 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VV025736.D
Acq: 29 Apr 2022 11:28

Tgt Ion: 91 Resp: 2327
Ion Ratio Lower Upper
91 100
106 30.7 22.3 41.3

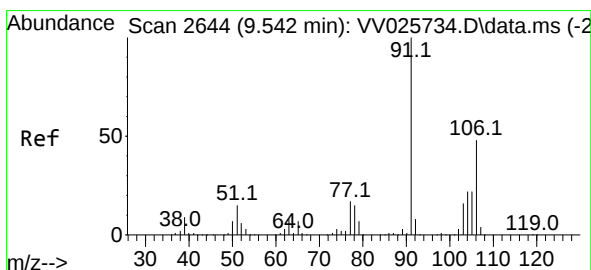
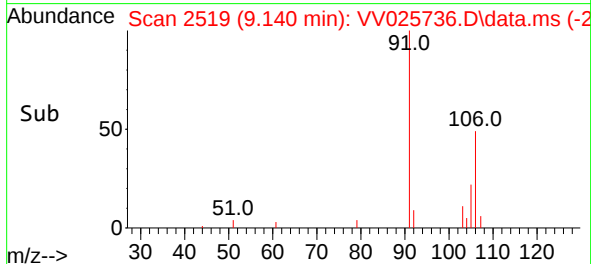
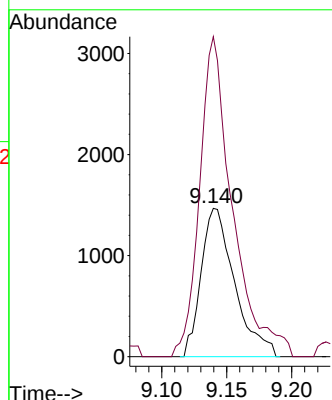
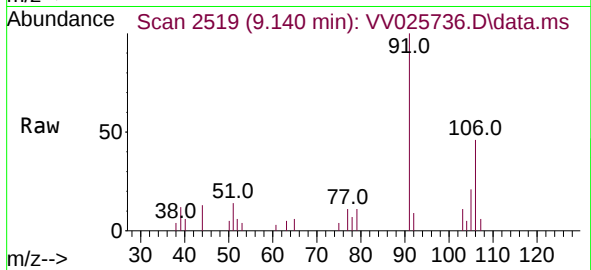




#53
m,p-Xylene
Concen: 0.126 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV025736.D
Acq: 29 Apr 2022 11:28

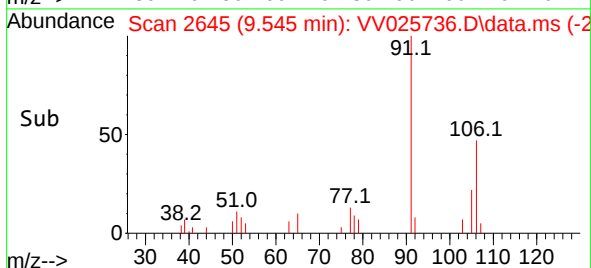
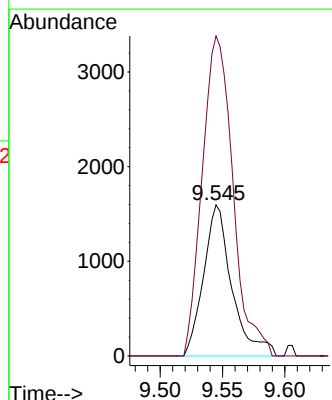
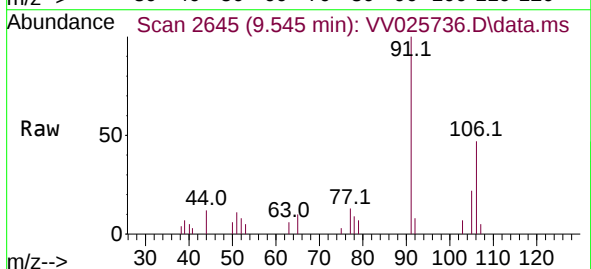
Instrument :
MSVOA_V
ClientSampleId :
BH0D7

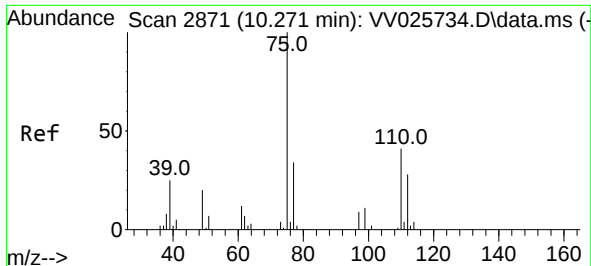
Tgt Ion:106 Resp: 2630
Ion Ratio Lower Upper
106 100
91 215.7 136.4 253.4



#54
o-Xylene
Concen: 0.124 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV025736.D
Acq: 29 Apr 2022 11:28

Tgt Ion:106 Resp: 2521
Ion Ratio Lower Upper
106 100
91 211.8 150.4 279.2

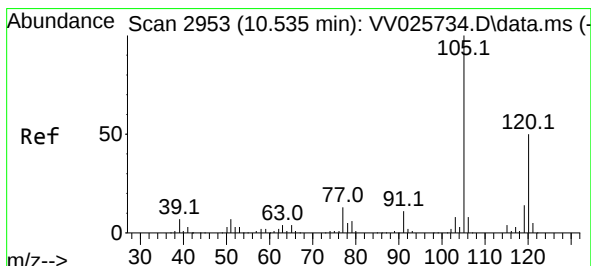
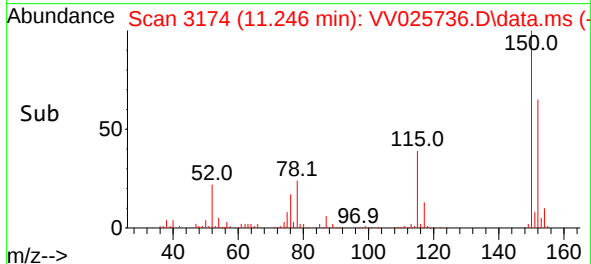
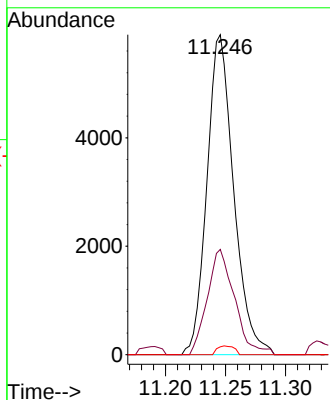
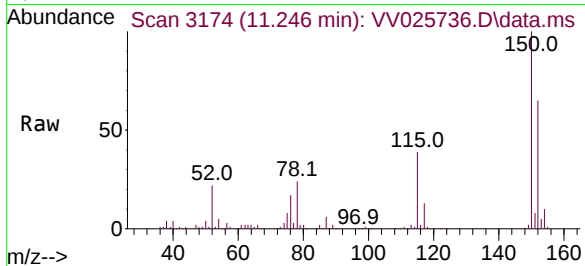




#61
 1,2,3-Trichloropropane
 Concen: 1.843 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025736.D
 Acq: 29 Apr 2022 11:28

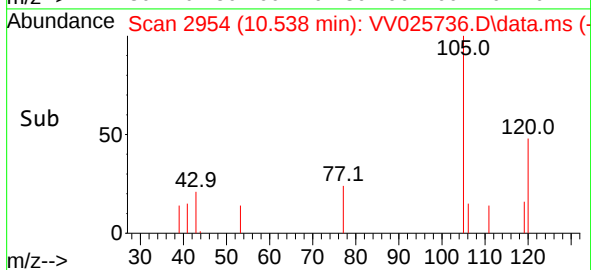
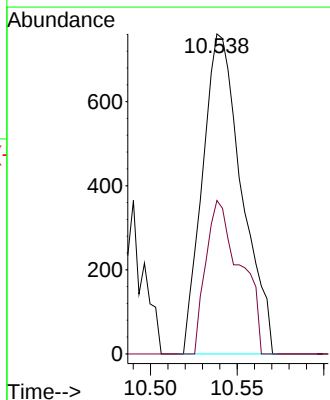
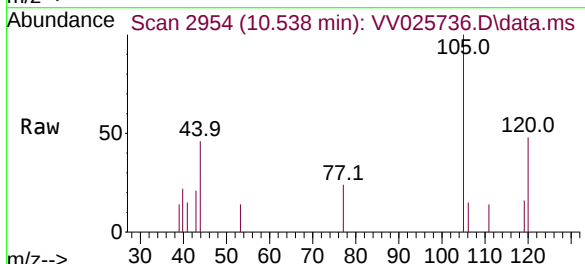
Instrument :
 MSVOA_V
 ClientSampleId :
 BH0D7

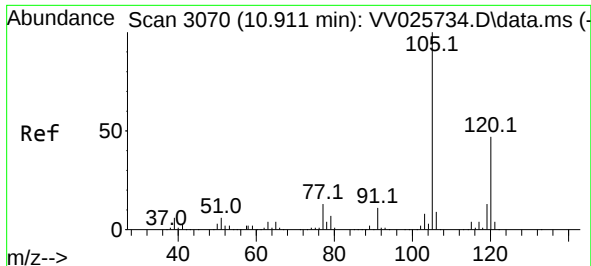
Tgt Ion: 75 Resp: 9151
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.6 38.4
 110 1.7 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.058 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.003 min
 Lab File: VV025736.D
 Acq: 29 Apr 2022 11:28

Tgt Ion: 105 Resp: 1198
 Ion Ratio Lower Upper
 105 100
 120 42.3 39.6 59.4

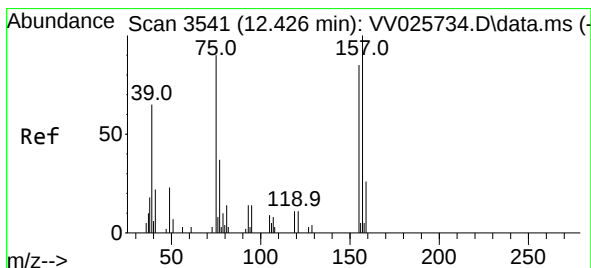
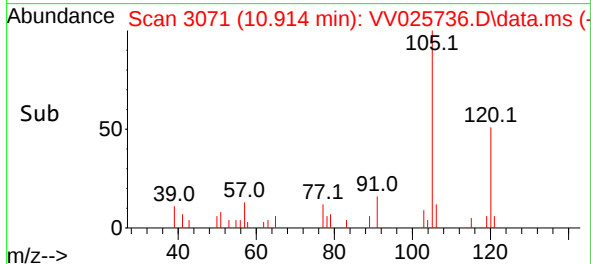
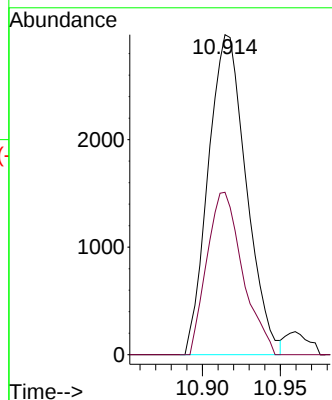
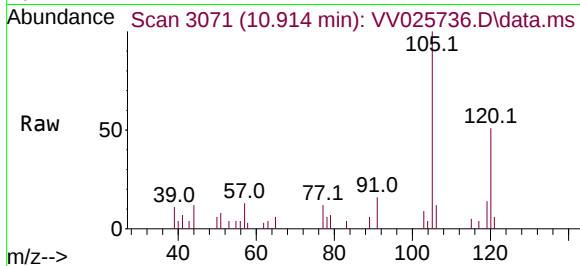




#63
 1,2,4-Trimethylbenzene
 Concen: 0.134 ug/L
 RT: 10.914 min Scan# 3070
 Delta R.T. 0.003 min
 Lab File: VV025736.D
 Acq: 29 Apr 2022 11:28

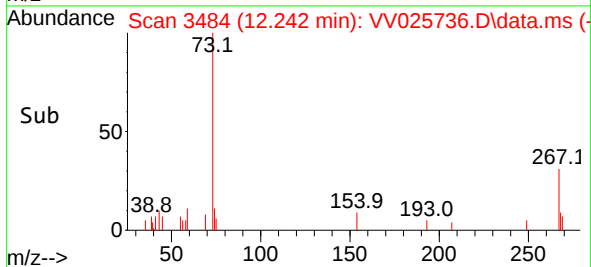
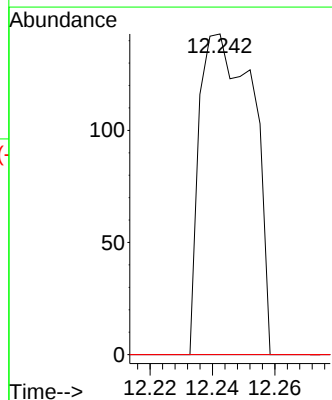
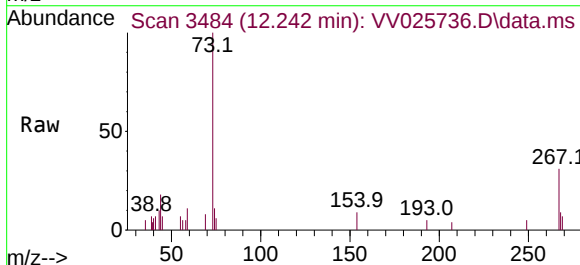
Instrument :
 MSVOA_V
 ClientSampleId :
 BH0D7

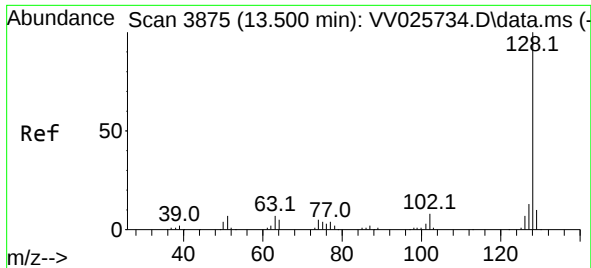
Tgt Ion:105 Resp: 5039
 Ion Ratio Lower Upper
 105 100
 120 47.7 36.6 55.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.197 ug/L
 RT: 12.242 min Scan# 3484
 Delta R.T. -0.183 min
 Lab File: VV025736.D
 Acq: 29 Apr 2022 11:28

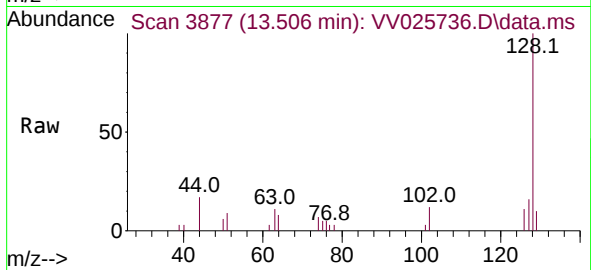
Tgt Ion: 75 Resp: 169
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#





#71
Naphthalene
Concen: 0.345 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV025736.D
Acq: 29 Apr 2022 11:28

Instrument :
MSVOA_V
ClientSampleId :
BH0D7



Tgt Ion:	128	Resp:	6461
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.8	13.2
127	15.2	10.4	15.6

