

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028298.D
 Acq On : 03 Oct 2022 23:15
 Operator : SY/MD
 Sample : N4820-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 06:17:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

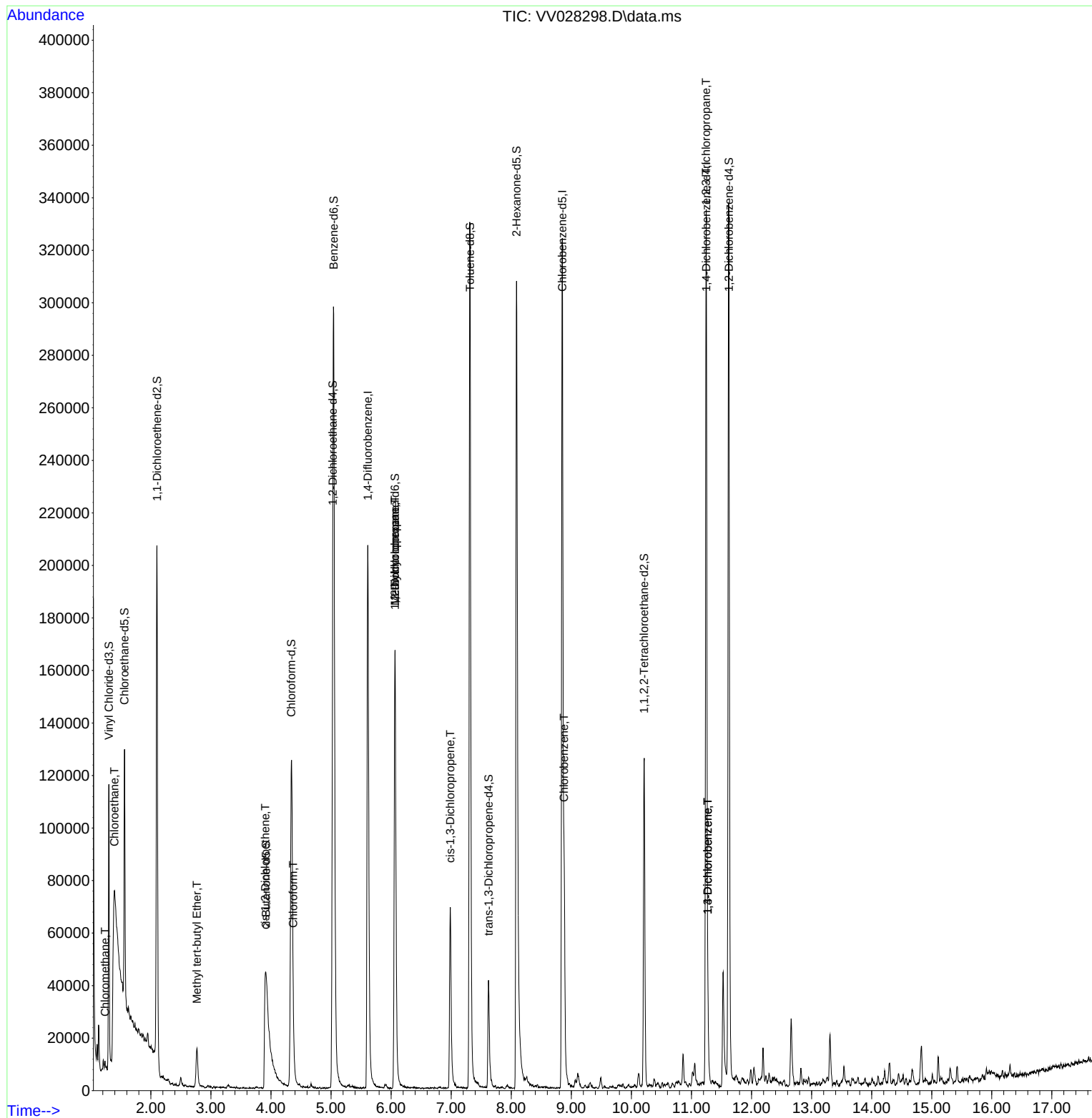
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	190058	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	187879	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92855	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68472	4.795	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.561	69	60358	4.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.101	63	101013	3.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	3.915	46	119908	49.626	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.260%
24) Chloroform-d	4.339	84	138959	5.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	5.027	65	65354	5.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.043	84	284601	5.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
36) 1,2-Dichloropropane-d6	6.066	67	86550	5.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.000%
41) Toluene-d8	7.313	98	233706	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	7.622	79	26360	4.681	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.088	63	128878	55.917	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	63079	5.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	91500	5.726	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	2624	0.181	ug/L	99
8) Chloroethane	1.391	64	296554	27.275	ug/L #	50
17) Methyl tert-butyl Ether	2.767	73	14987	0.535	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	1953	0.137	ug/L	75
25) Chloroform	4.368	83	4755	0.179	ug/L	92
35) Methylcyclohexane	6.066	83	21642	0.947	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	9408	0.726	ug/L #	87
39) cis-1,3-Dichloropropene	6.985	75	1636	0.088	ug/L #	20
51) Chlorobenzene	8.879	112	46499	1.188	ug/L	99
61) 1,2,3-Trichloropropane	11.242	75	12410	1.732	ug/L #	65
64) 1,3-Dichlorobenzene	11.271	146	10818	0.388	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	10818	0.387	ug/L	99

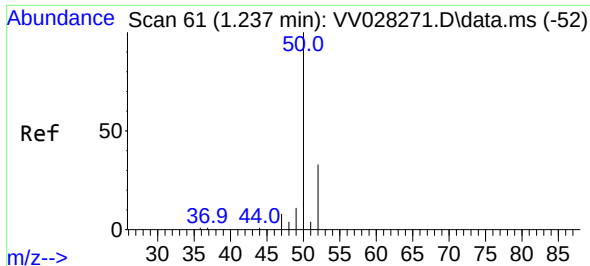
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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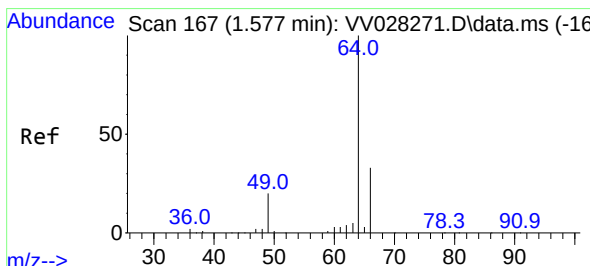
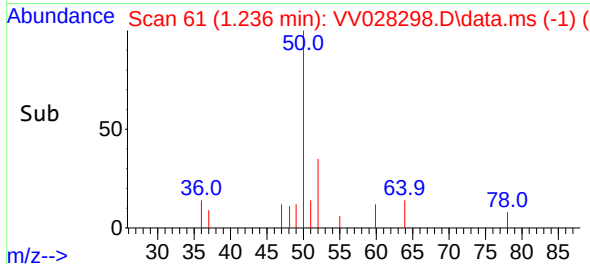
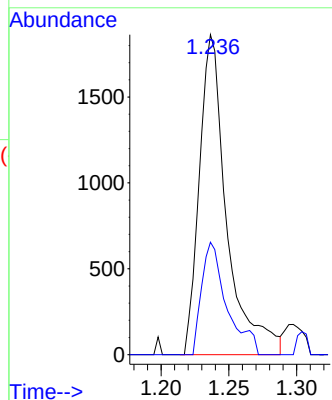
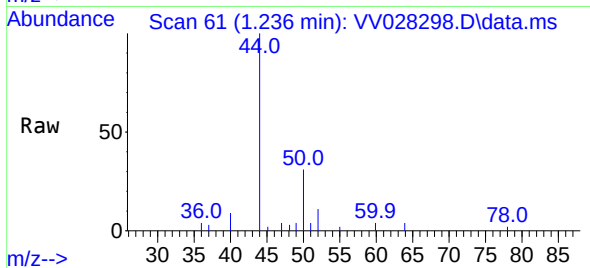




#3
Chloromethane
Concen: 0.181 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028298.D
Acq: 03 Oct 2022 23:15

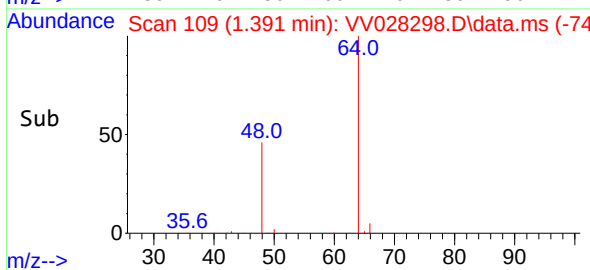
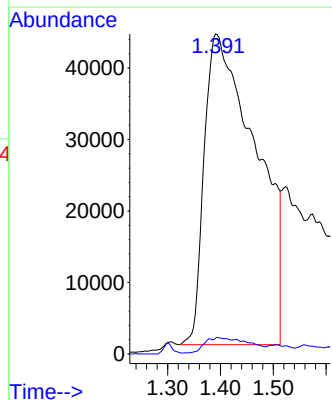
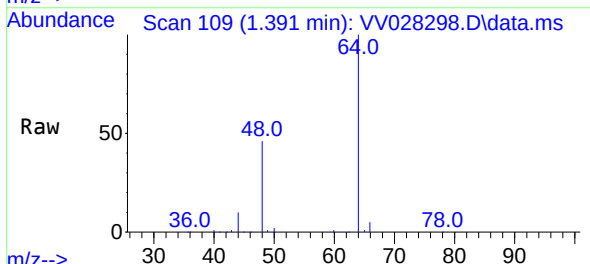
Instrument :
MSVOA_V
ClientSampleId :

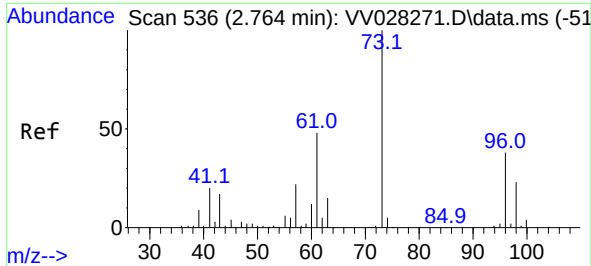
Tgt Ion: 50 Resp: 2624
Ion Ratio Lower Upper
50 100
52 35.2 24.4 45.2



#8
Chloroethane
Concen: 27.275 ug/L
RT: 1.391 min Scan# 109
Delta R.T. -0.186 min
Lab File: VV028298.D
Acq: 03 Oct 2022 23:15

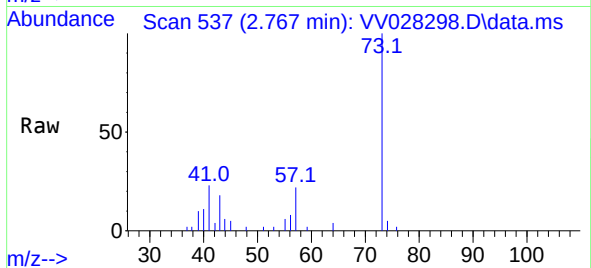
Tgt Ion: 64 Resp: 296554
Ion Ratio Lower Upper
64 100
66 4.9 23.0 42.8#



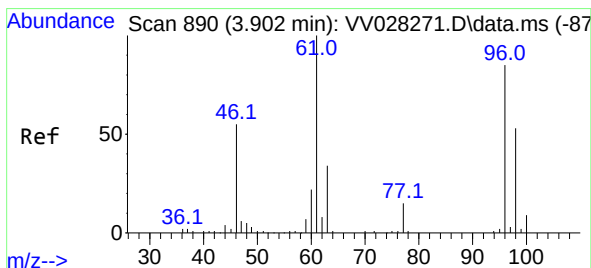
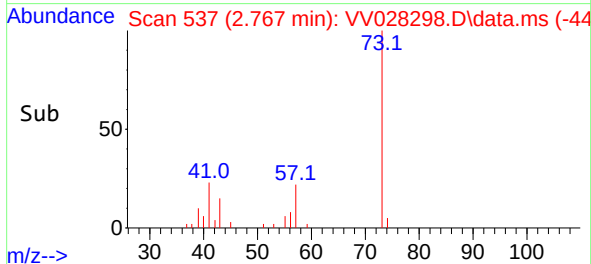
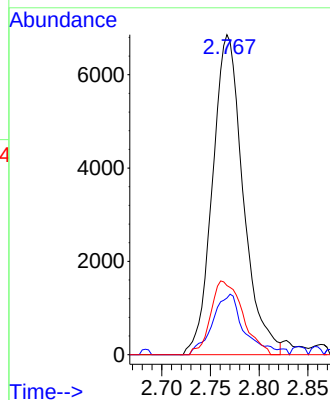


#17
Methyl tert-butyl Ether
Concen: 0.535 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028298.D
Acq: 03 Oct 2022 23:15

Instrument :
MSVOA_V
ClientSampleId :

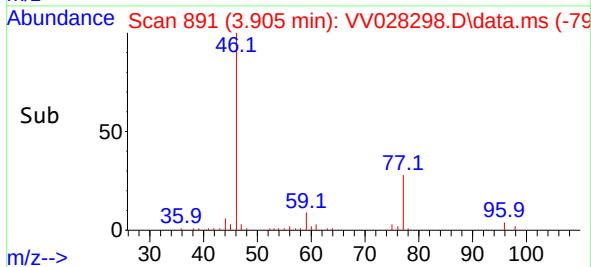
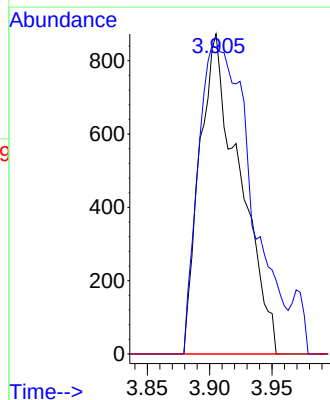
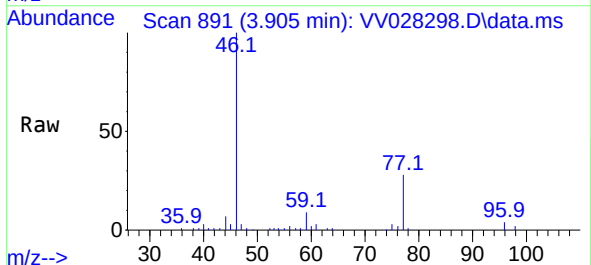


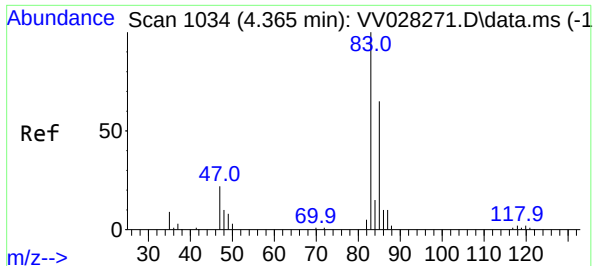
Tgt Ion: 73 Resp: 14987
Ion Ratio Lower Upper
73 100
43 19.3 15.7 23.5
57 24.1 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.137 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028298.D
Acq: 03 Oct 2022 23:15

Tgt Ion: 96 Resp: 1953
Ion Ratio Lower Upper
96 100
61 95.6 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.179 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VV028298.D

Acq: 03 Oct 2022 23:15

Instrument :

MSVOA_V

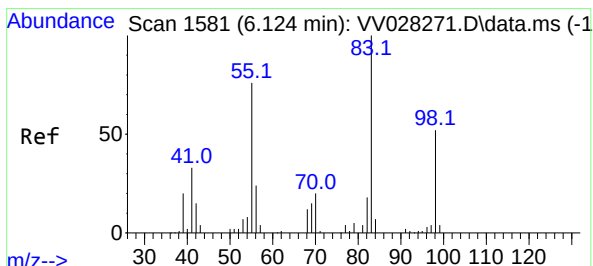
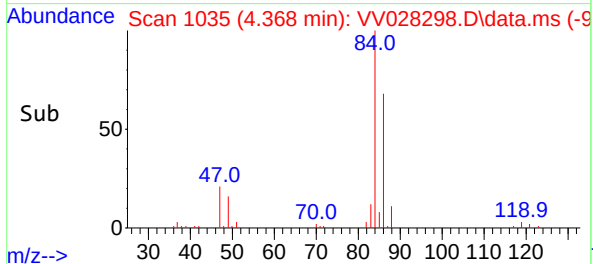
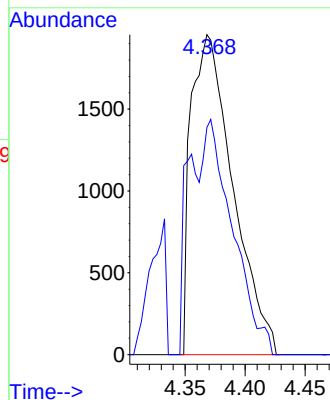
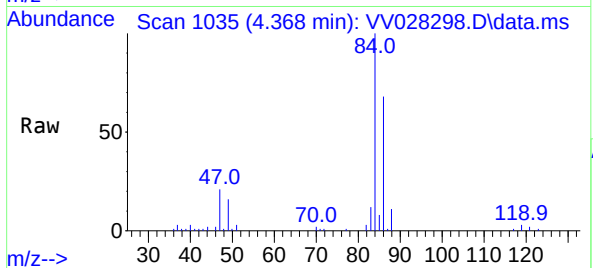
ClientSampleId :

Tgt Ion: 83 Resp: 4755

Ion Ratio Lower Upper

83 100

85 71.0 45.1 83.7



#35

Methylcyclohexane

Concen: 0.947 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028298.D

Acq: 03 Oct 2022 23:15

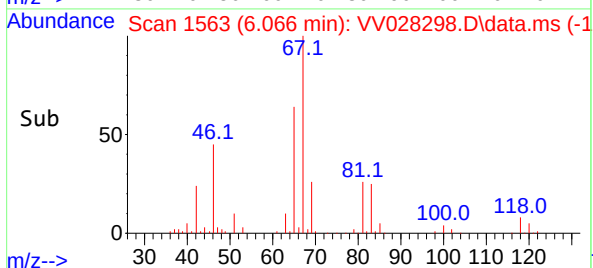
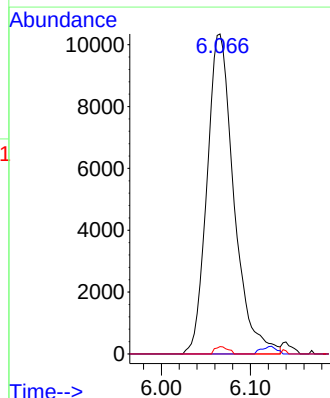
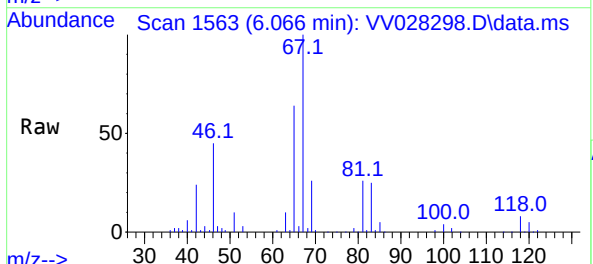
Tgt Ion: 83 Resp: 21642

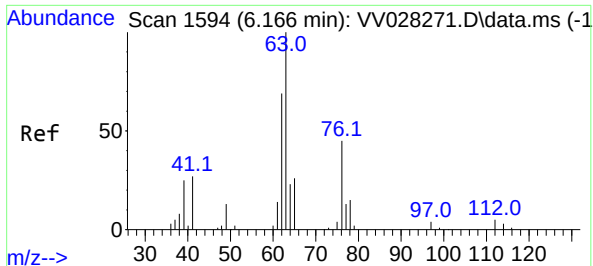
Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 1.1 39.5 59.3#

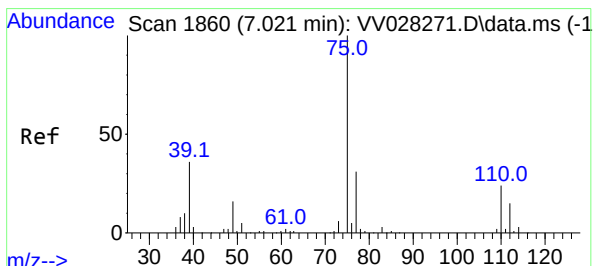
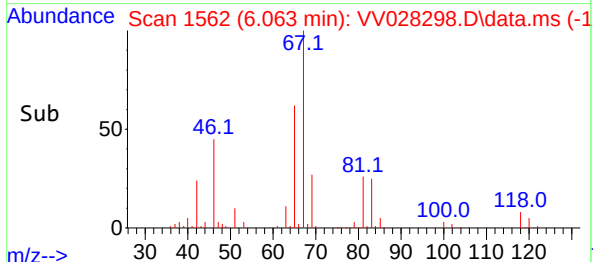
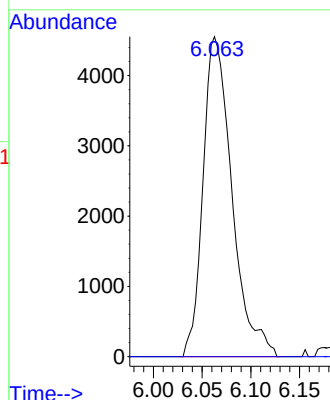
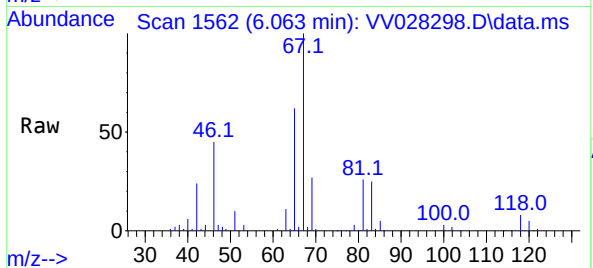




#37
1,2-Dichloropropane
Concen: 0.726 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV028298.D
Acq: 03 Oct 2022 23:15

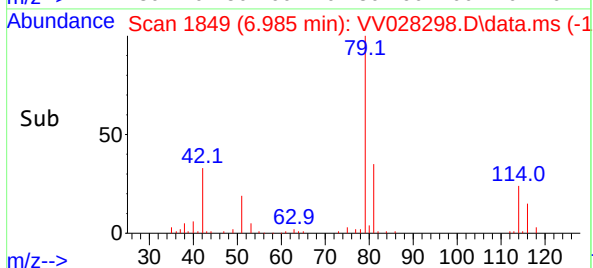
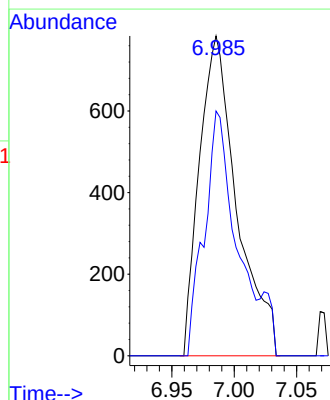
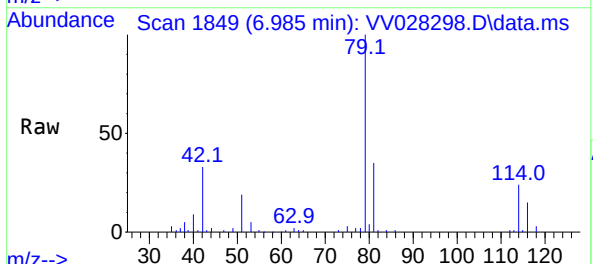
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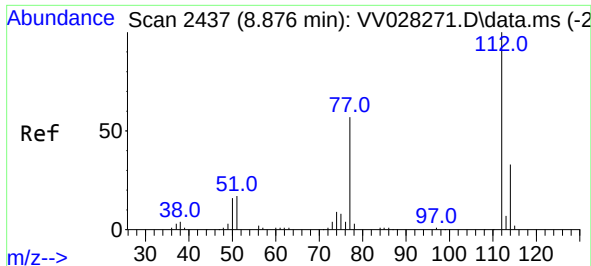
Tgt Ion: 63 Resp: 9408
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV028298.D
Acq: 03 Oct 2022 23:15

Tgt Ion: 75 Resp: 1636
Ion Ratio Lower Upper
75 100
77 76.5 22.4 41.6#

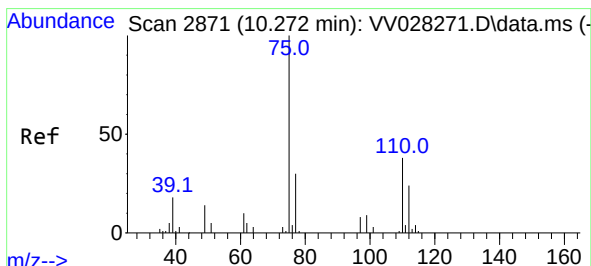
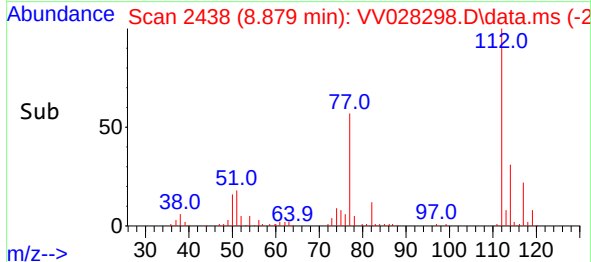
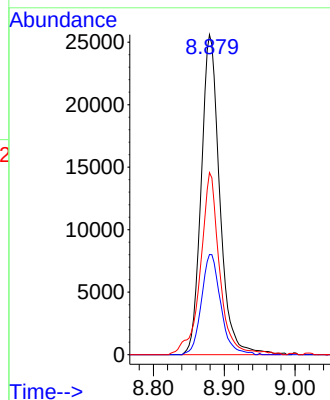
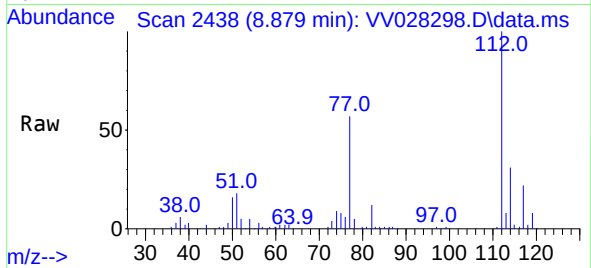




#51
Chlorobenzene
Concen: 1.188 ug/L
RT: 8.879 min Scan# 2437
Delta R.T. 0.000 min
Lab File: VV028298.D
Acq: 03 Oct 2022 23:15

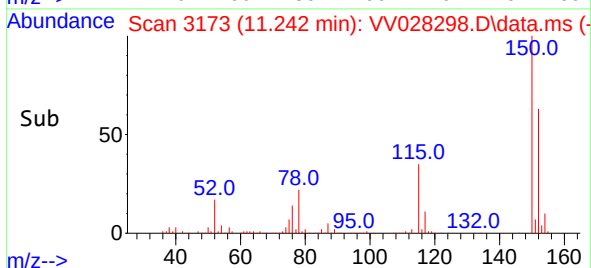
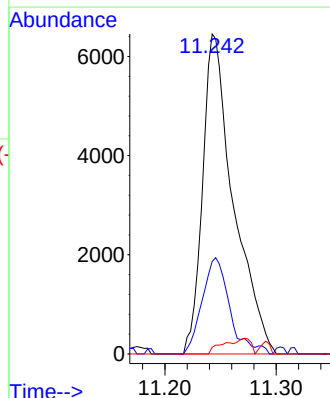
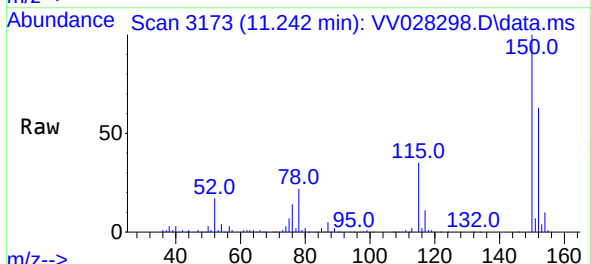
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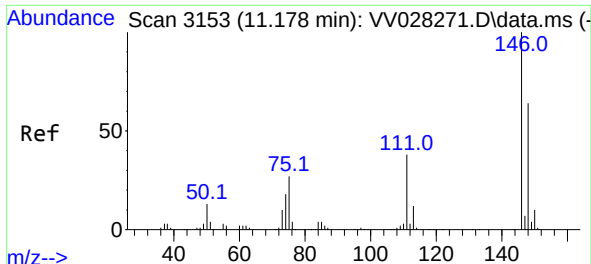
Tgt Ion:112 Resp: 46499
Ion Ratio Lower Upper
112 100
114 31.3 22.5 41.7
77 56.9 46.1 69.1



#61
1,2,3-Trichloropropane
Concen: 1.732 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.971 min
Lab File: VV028298.D
Acq: 03 Oct 2022 23:15

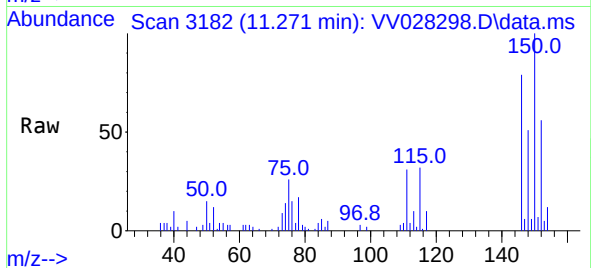
Tgt Ion: 75 Resp: 12410
Ion Ratio Lower Upper
75 100
77 26.2 26.7 40.1#
110 4.2 30.1 45.1#



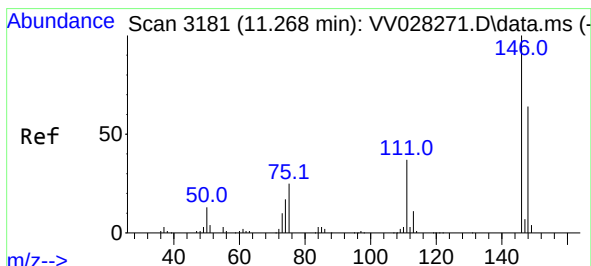
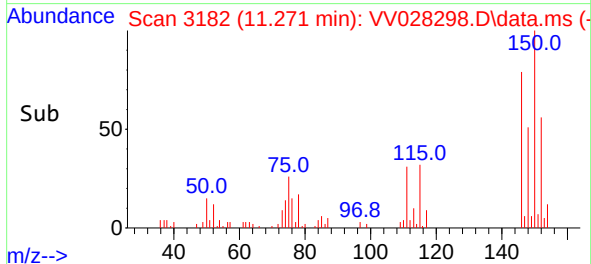
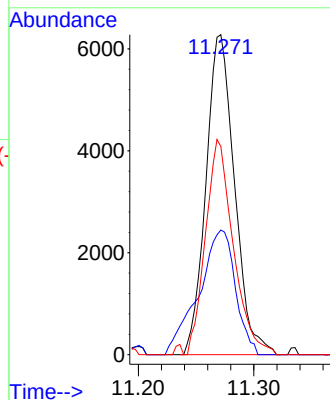


#64
1,3-Dichlorobenzene
Concen: 0.388 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.093 min
Lab File: VV028298.D
Acq: 03 Oct 2022 23:15

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:146 Resp: 10818
Ion Ratio Lower Upper
146 100
111 39.0 27.1 50.3
148 65.1 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 0.387 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV028298.D
Acq: 03 Oct 2022 23:15

Tgt Ion:146 Resp: 10818
Ion Ratio Lower Upper
146 100
111 39.0 26.2 48.8
148 65.1 45.8 85.2

