

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029227.D
 Acq On : 20 Nov 2022 16:02
 Operator : SY/MD
 Sample : N5652-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 00:58:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	317241	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	288376	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	132845	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	92494	4.782	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.568	69	79457	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.105	63	123072	3.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.896	46	193848	59.875	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.760%
24) Chloroform-d	4.343	84	180735	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.027	65	82831	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.043	84	373151	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.066	67	111090	4.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.310	98	323659	4.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.622	79	34168	4.359	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.088	63	156327	46.718	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.440%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	79792	4.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	115217	4.848	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	3957	0.150	ug/L	97
3) Chloromethane	1.240	50	2698	0.123	ug/L	96
8) Chloroethane	1.458	64	15869	1.079	ug/L #	54
9) Trichlorofluoromethane	1.751	101	1580	0.047	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	177557	4.312	ug/L	99
19) 1,1-Dichloroethane	3.188	63	3671	0.101	ug/L #	82
25) Chloroform	4.368	83	18704	0.490	ug/L	99
27) 1,2-Dichloroethane	5.047	62	1857	0.094	ug/L #	70
35) Methylcyclohexane	6.066	83	27230	0.687	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	11530	0.567	ug/L #	85
38) Bromodichloromethane	6.519	83	1427	0.055	ug/L #	93
39) cis-1,3-Dichloropropene	6.989	75	2440	0.086	ug/L #	81
47) Tetrachloroethene	7.973	164	6127	0.339	ug/L	89
49) Dibromochloromethane	7.973	129	6077	0.378	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	14519	1.599	ug/L #	65
62) 1,3,5-Trimethylbenzene	11.079	105	5003	0.068	ug/L #	27
63) 1,2,4-Trimethylbenzene	11.079	105	5003	0.068	ug/L #	30

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112022\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 21 00:54:18 2022
Response via : Initial Calibration

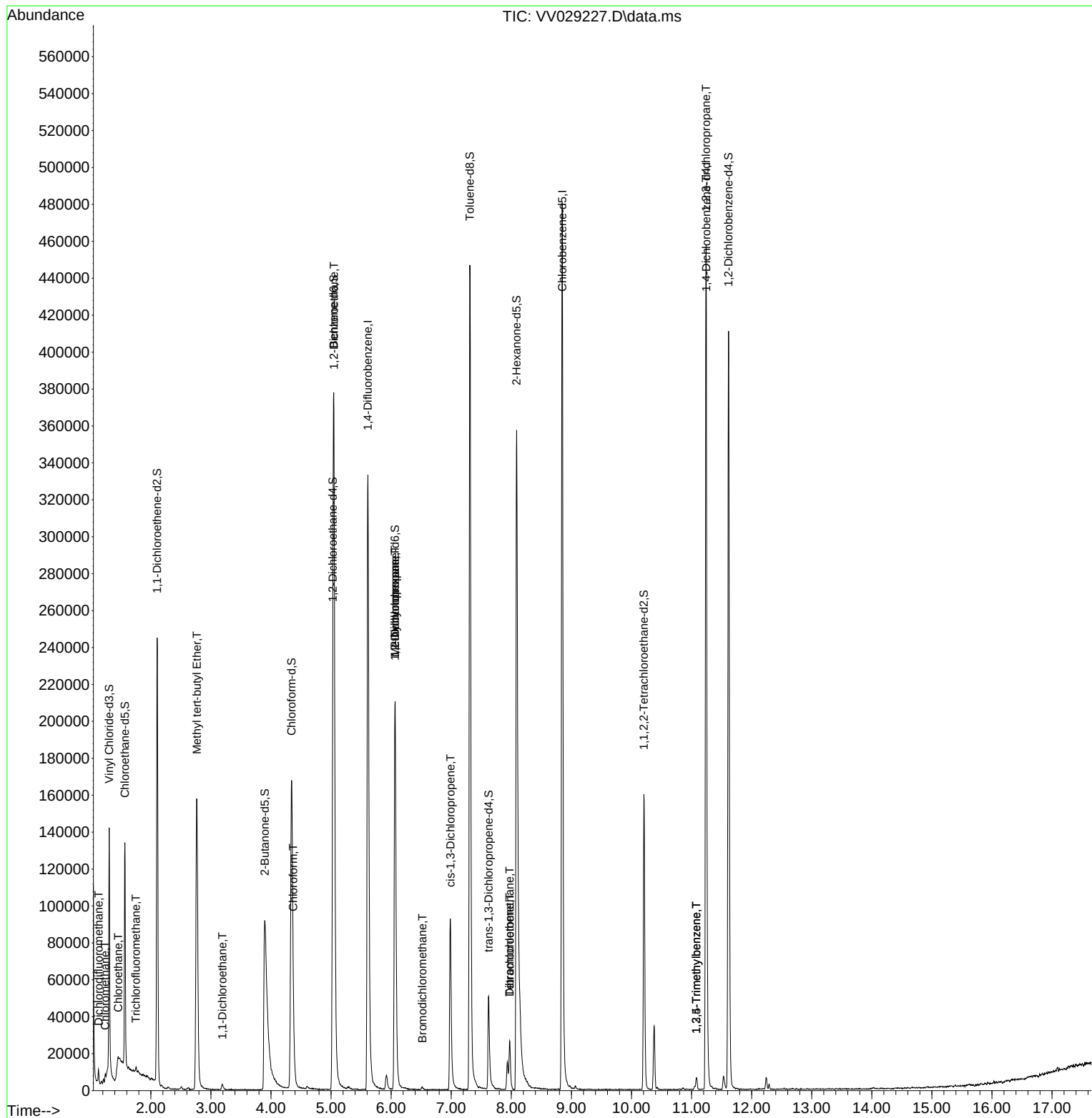
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

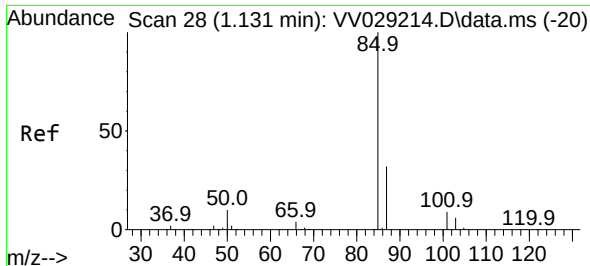
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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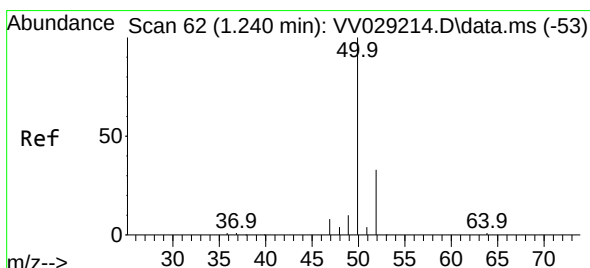
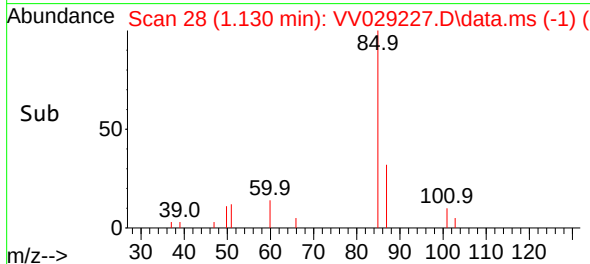
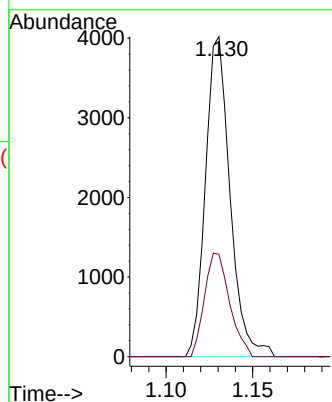
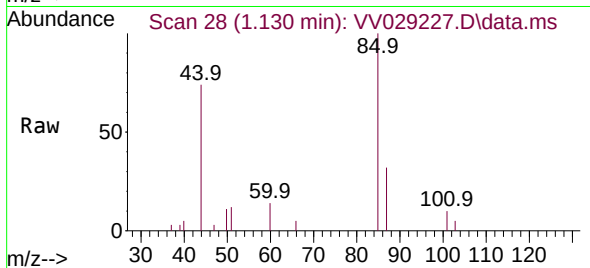




#2
 Dichlorodifluoromethane
 Concen: 0.150 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV029227.D
 Acq: 20 Nov 2022 16:02

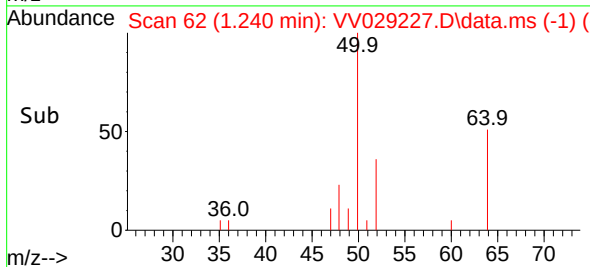
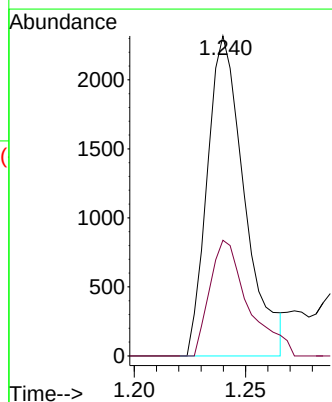
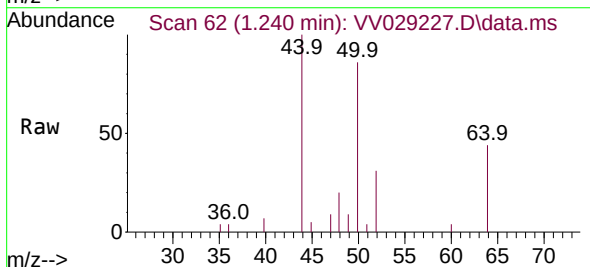
Instrument :
 MSVOA_V
 ClientSampleId :

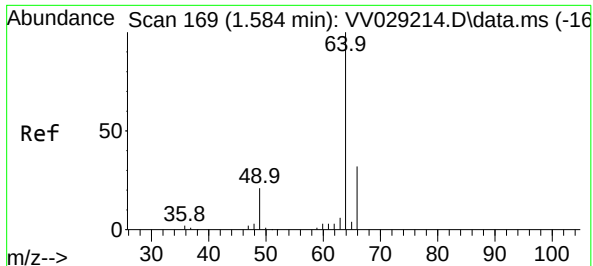
Tgt Ion: 85 Resp: 3957
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.0 37.4



#3
 Chloromethane
 Concen: 0.123 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029227.D
 Acq: 20 Nov 2022 16:02

Tgt Ion: 50 Resp: 2698
 Ion Ratio Lower Upper
 50 100
 52 36.2 23.7 43.9

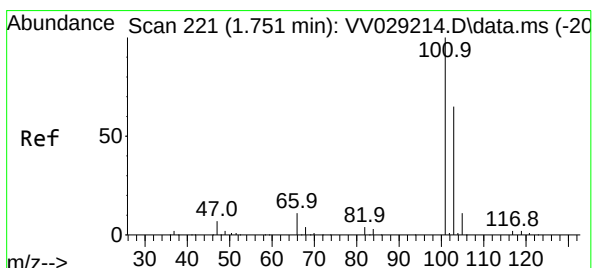
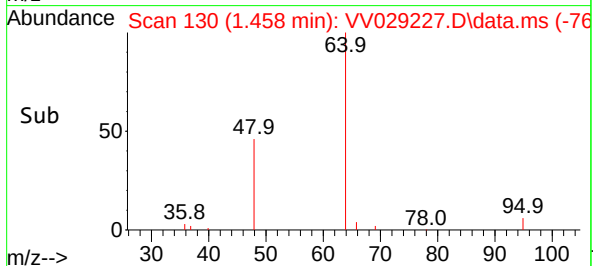
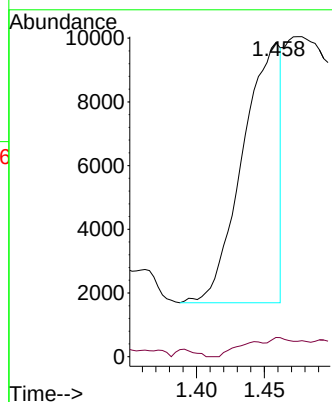
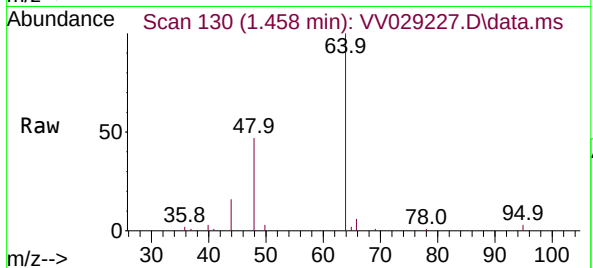




#8
Chloroethane
Concen: 1.079 ug/L
RT: 1.458 min Scan# 11
Delta R.T. -0.125 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

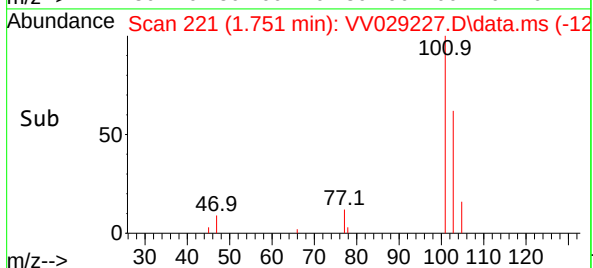
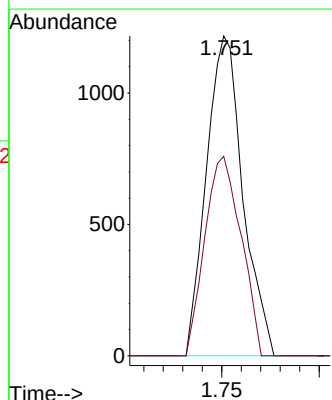
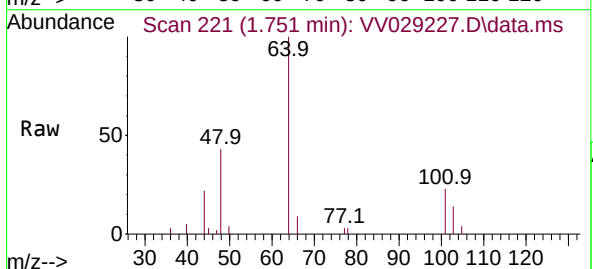
Instrument :
MSVOA_V
ClientSampleId :

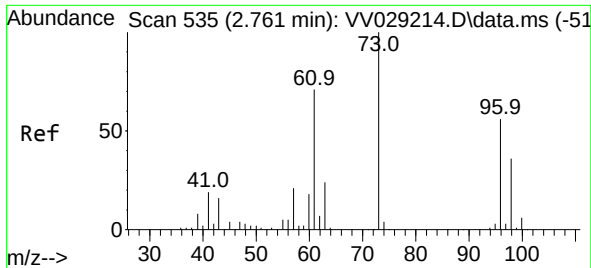
Tgt Ion: 64 Resp: 15869
Ion Ratio Lower Upper
64 100
66 6.1 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 0.047 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

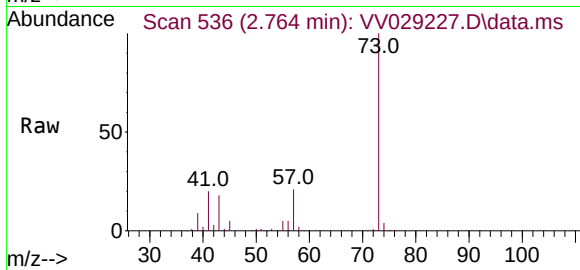
Tgt Ion:101 Resp: 1580
Ion Ratio Lower Upper
101 100
103 61.9 51.3 76.9



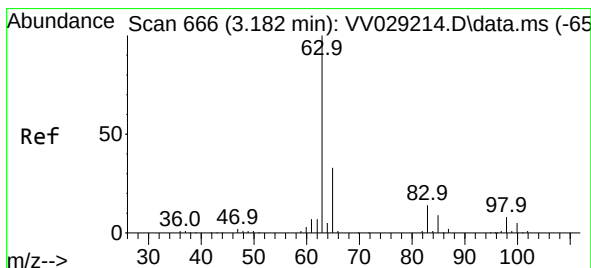
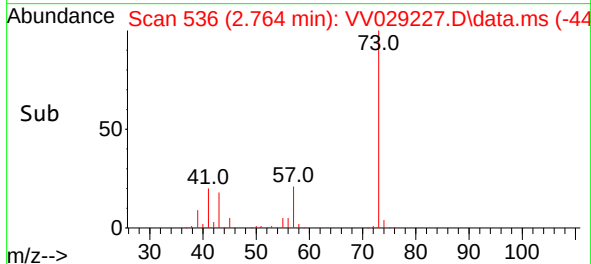
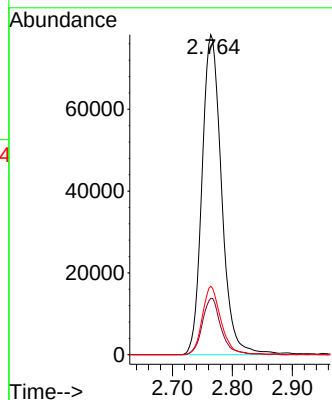


#17
Methyl tert-butyl Ether
Concen: 4.312 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

Instrument :
MSVOA_V
ClientSampleId :

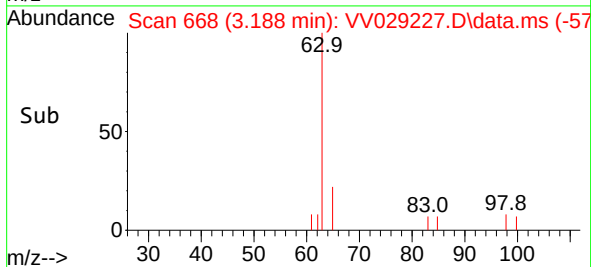
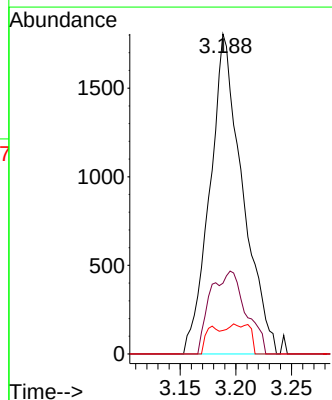
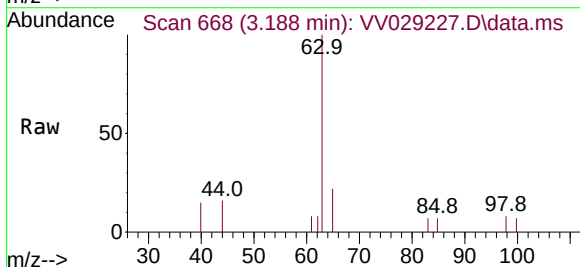


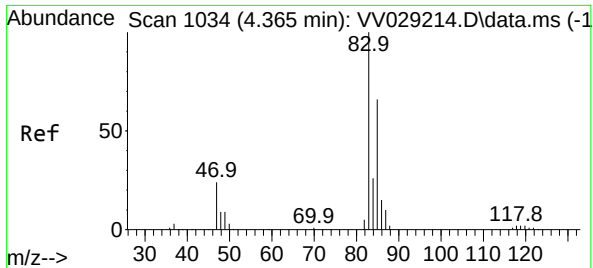
Tgt Ion:	73	Resp:	177557
Ion	Ratio	Lower	Upper
73	100		
43	16.9	13.0	19.4
57	20.4	16.6	24.8



#19
1,1-Dichloroethane
Concen: 0.101 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.006 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

Tgt Ion:	63	Resp:	3671
Ion	Ratio	Lower	Upper
63	100		
65	22.1	23.0	42.6#
83	7.4	9.4	17.6#





#25

Chloroform

Concen: 0.490 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029227.D

Acq: 20 Nov 2022 16:02

Instrument :

MSVOA_V

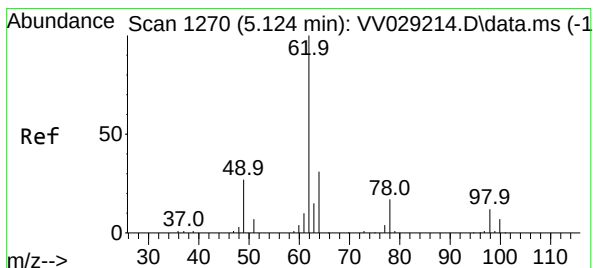
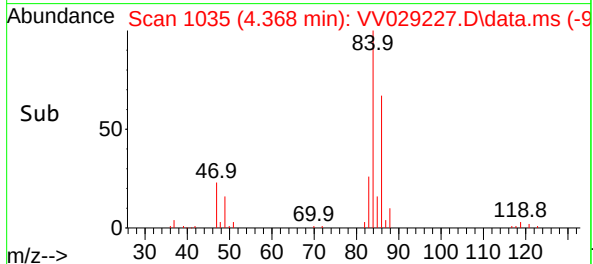
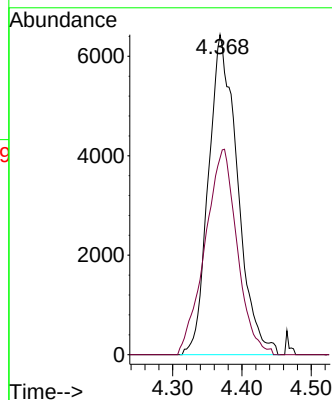
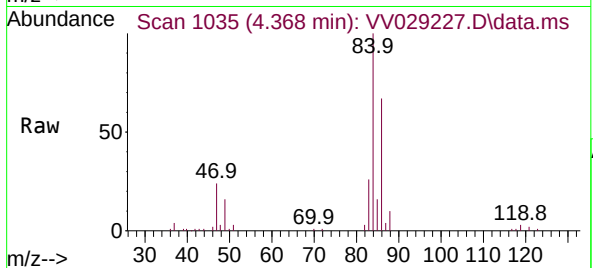
ClientSampleId :

Tgt Ion: 83 Resp: 18704

Ion Ratio Lower Upper

83 100

85 61.4 43.7 81.1



#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.077 min

Lab File: VV029227.D

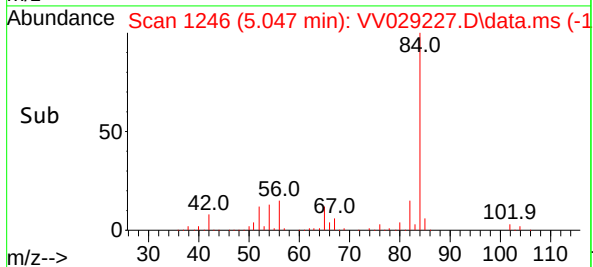
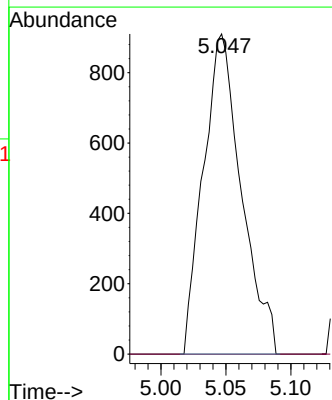
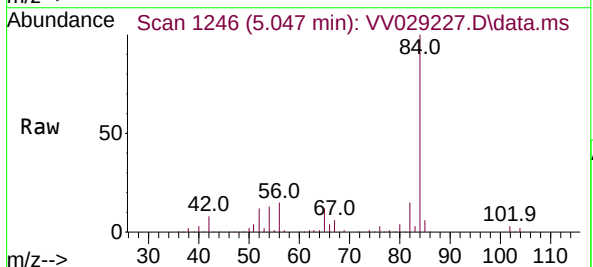
Acq: 20 Nov 2022 16:02

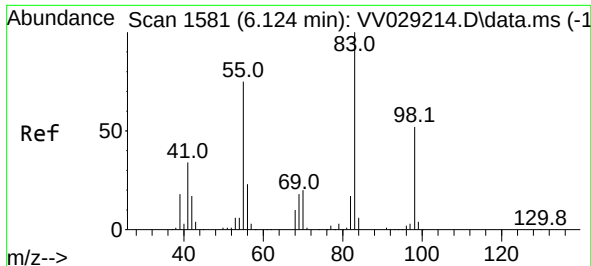
Tgt Ion: 62 Resp: 1857

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#

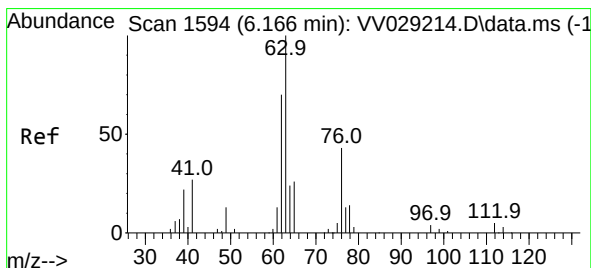
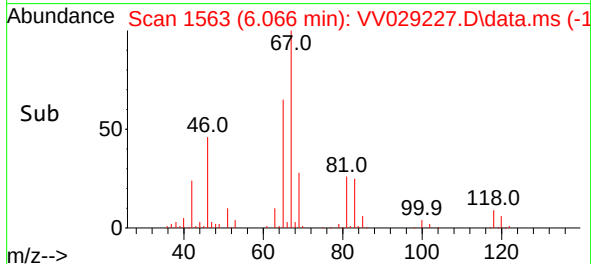
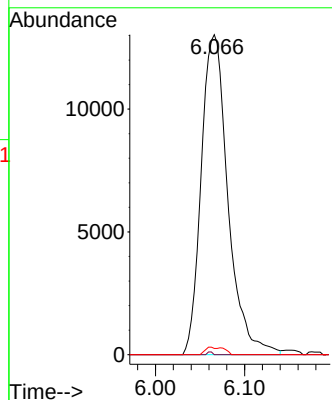
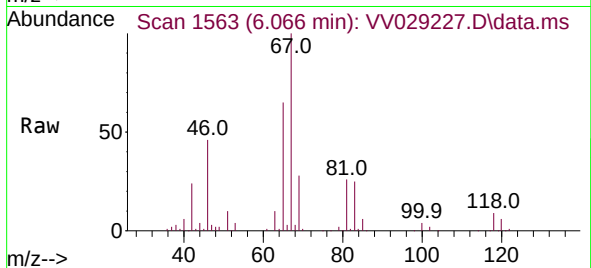




#35
Methylcyclohexane
Concen: 0.687 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

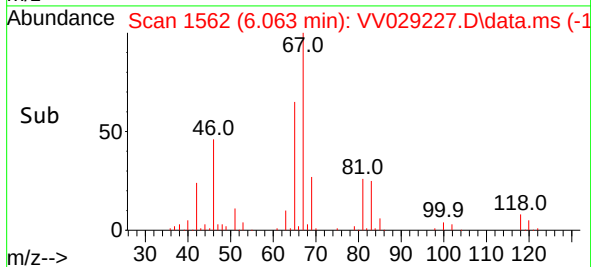
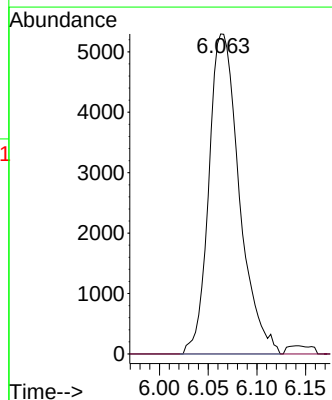
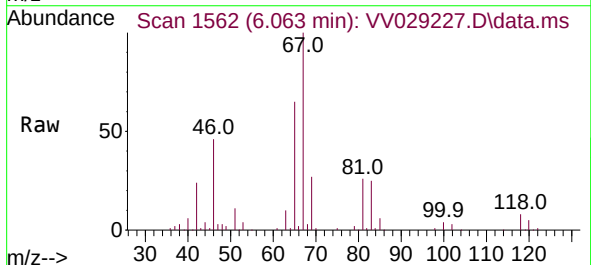
Instrument :
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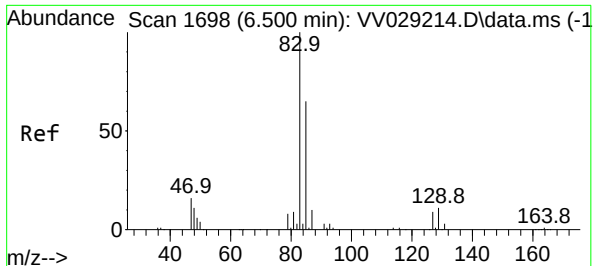
Tgt Ion: 83 Resp: 27230
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 1.0 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

Tgt Ion: 63 Resp: 11530
Ion Ratio Lower Upper
63 100
112 0.2 4.0 6.0#





#38

Bromodichloromethane

Concen: 0.055 ug/L

RT: 6.519 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV029227.D

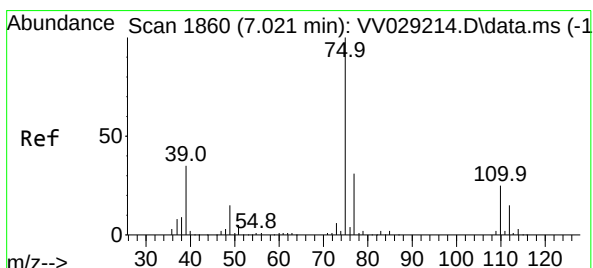
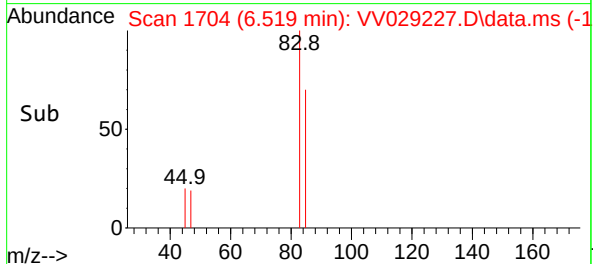
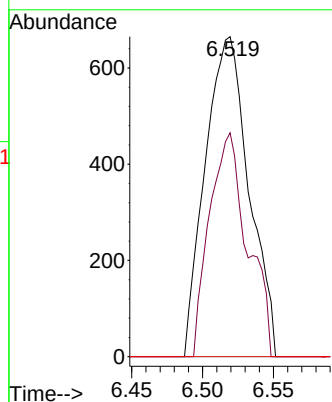
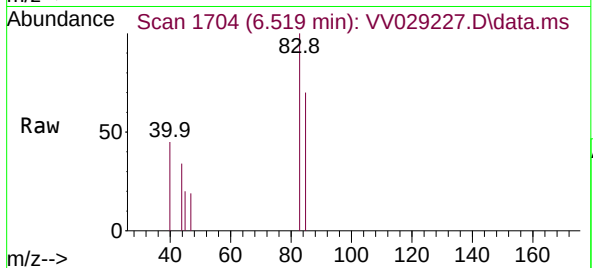
Acq: 20 Nov 2022 16:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 1427
Ion Ratio	Lower Upper
83	100
85	69.9 46.1 85.5
127	0.0 6.7 10.1#



#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

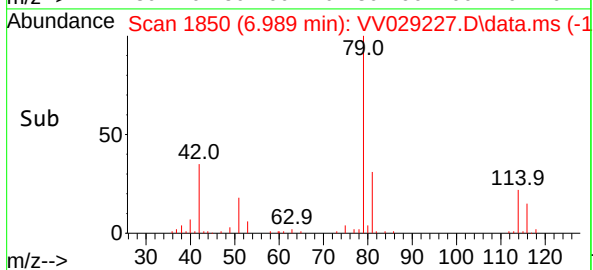
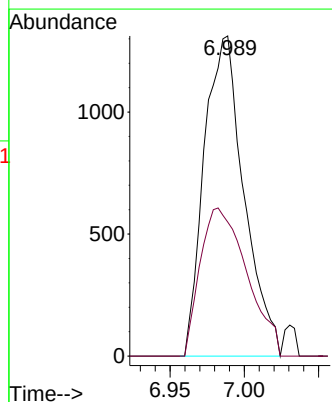
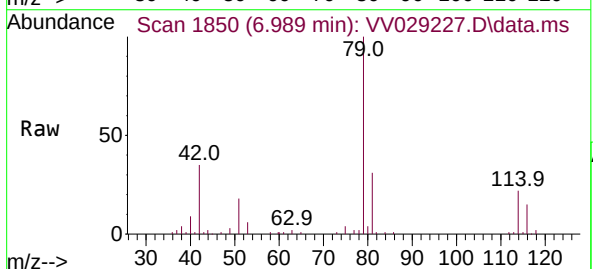
RT: 6.989 min Scan# 1850

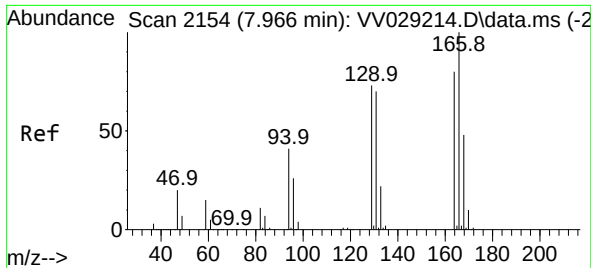
Delta R.T. -0.032 min

Lab File: VV029227.D

Acq: 20 Nov 2022 16:02

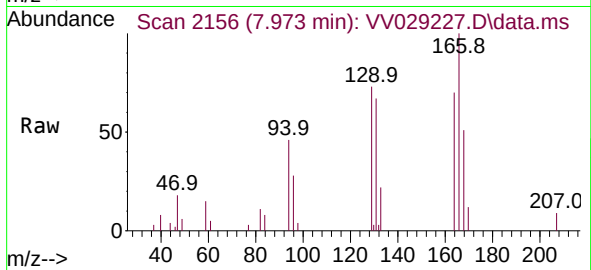
Tgt Ion: 75	Resp: 2440
Ion Ratio	Lower Upper
75	100
77	41.8 21.8 40.6#



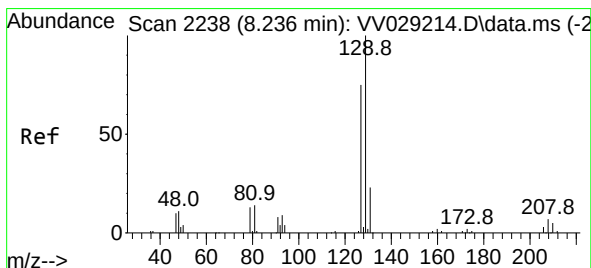
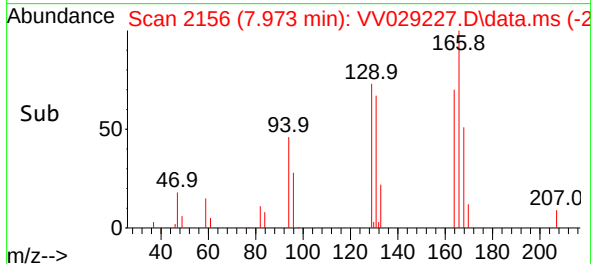
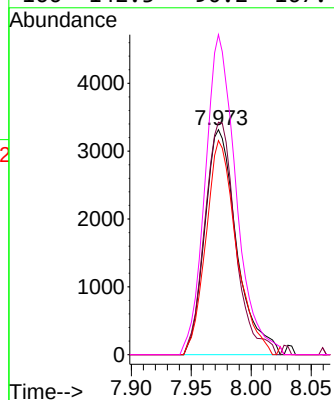


#47
Tetrachloroethene
Concen: 0.339 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.006 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

Instrument :
MSVOA_V
ClientSampleId :

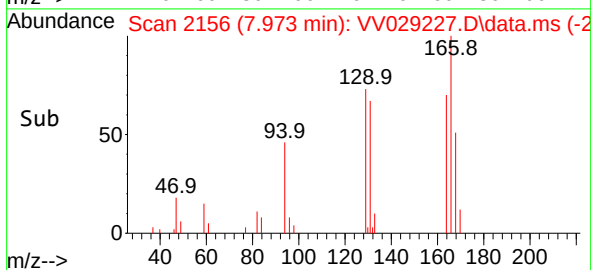
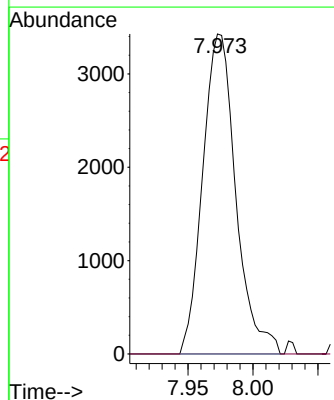
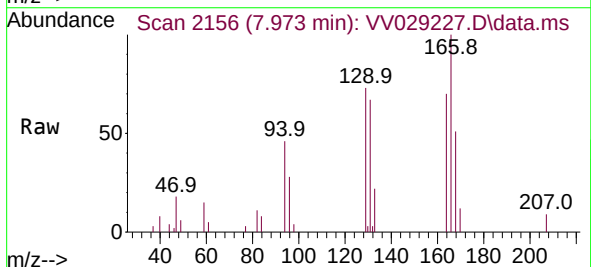


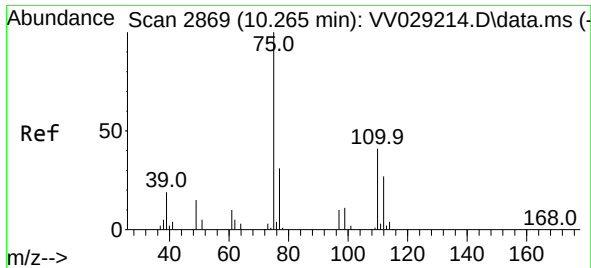
Tgt Ion:164 Resp: 6127
Ion Ratio Lower Upper
164 100
129 103.4 63.9 118.7
131 95.2 61.8 114.8
166 142.3 90.2 167.4



#49
Dibromochloromethane
Concen: 0.378 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.264 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

Tgt Ion:129 Resp: 6077
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#

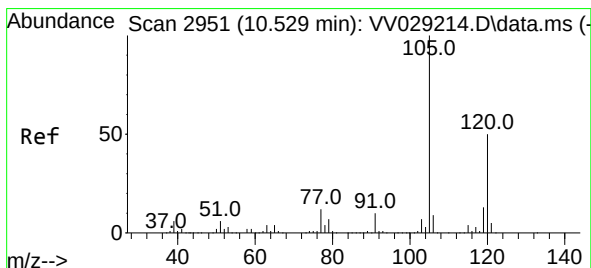
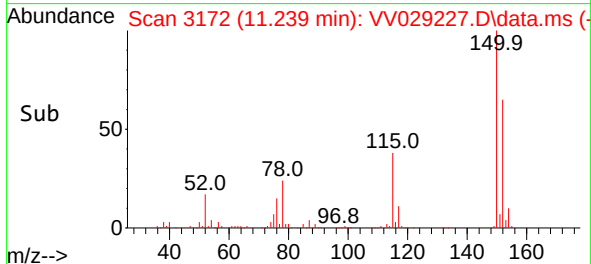
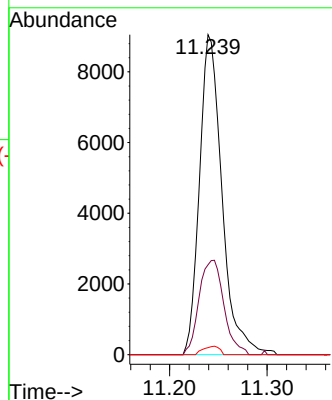
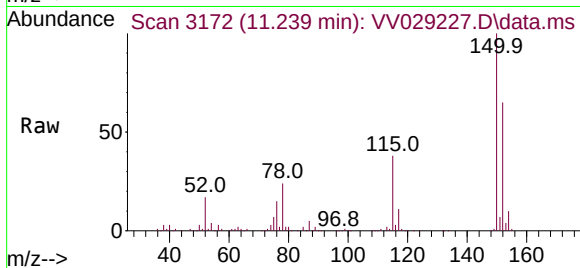




#61
1,2,3-Trichloropropane
Concen: 1.599 ug/L
RT: 11.239 min Scan# 3112
Delta R.T. 0.974 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

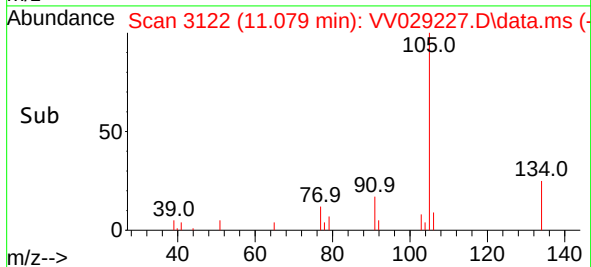
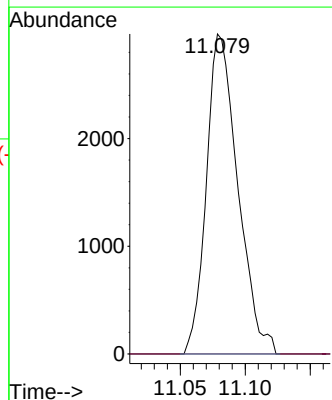
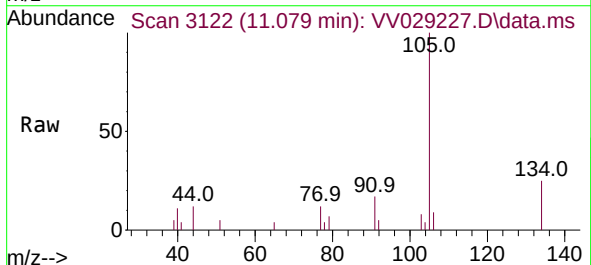
Instrument :
MSVOA_V
ClientSampleId :

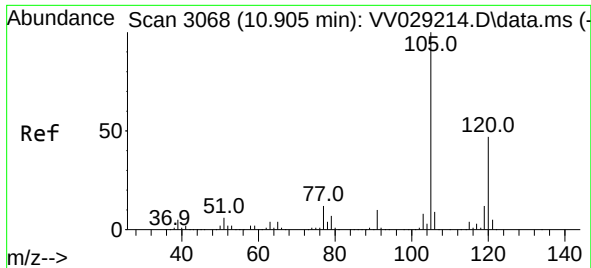
Tgt Ion: 75 Resp: 14519
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 1.9 32.6 48.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.068 ug/L
RT: 11.079 min Scan# 3122
Delta R.T. 0.550 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

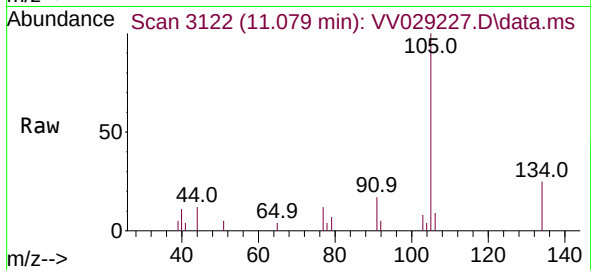
Tgt Ion: 105 Resp: 5003
Ion Ratio Lower Upper
105 100
120 0.0 39.9 59.9#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.068 ug/L
 RT: 11.079 min Scan# 31
 Delta R.T. 0.174 min
 Lab File: VV029227.D
 Acq: 20 Nov 2022 16:02

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 5003
 Ion Ratio Lower Upper
 105 100
 120 0.4 37.8 56.8#

