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 Data File : VW026835.D
 Acq On : 19 Jul 2022 19:08
 Operator : SY/MD
 Sample : N3754-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

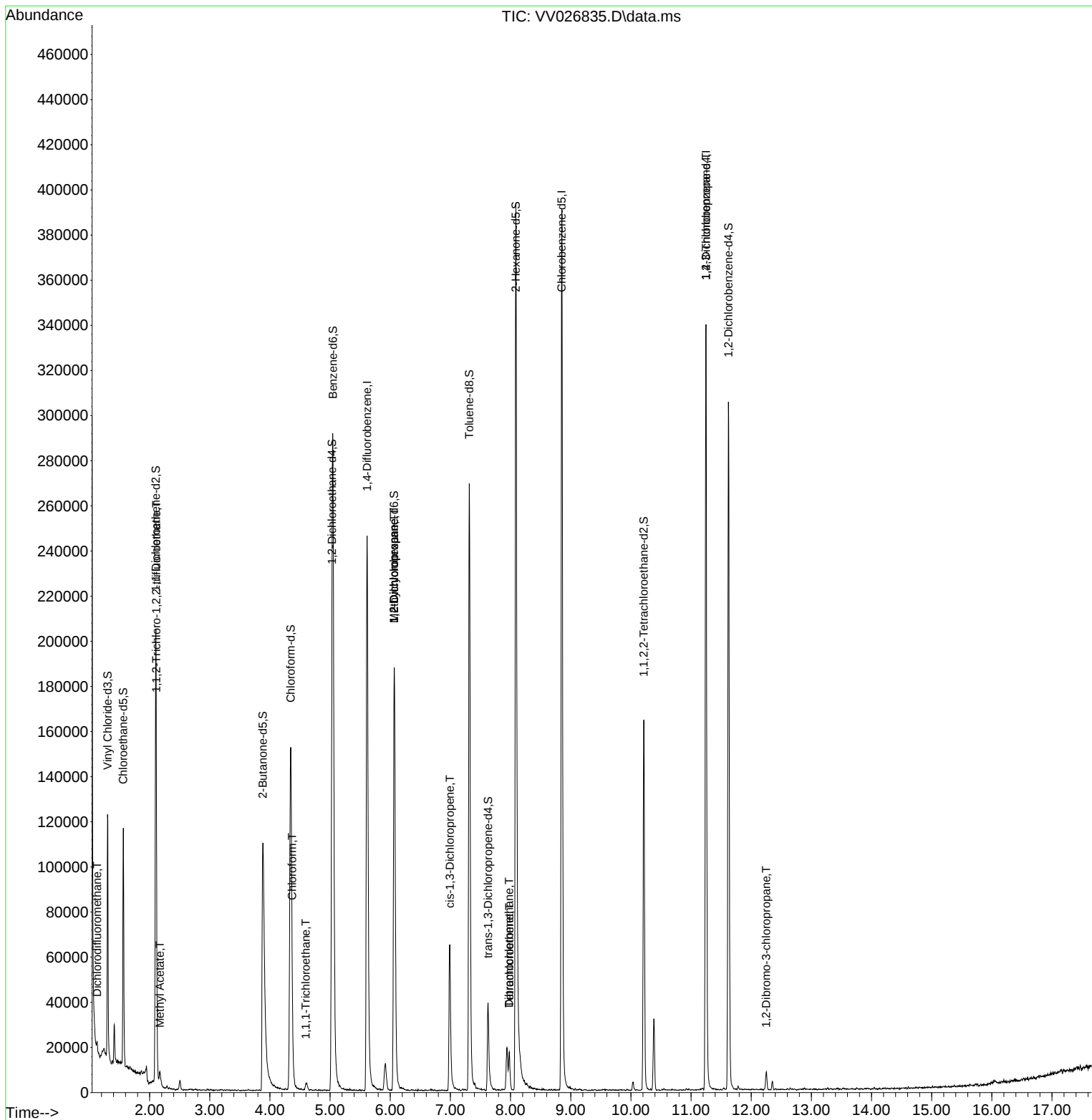
Instrument :
 MSVOA_V
 ClientSampleId :

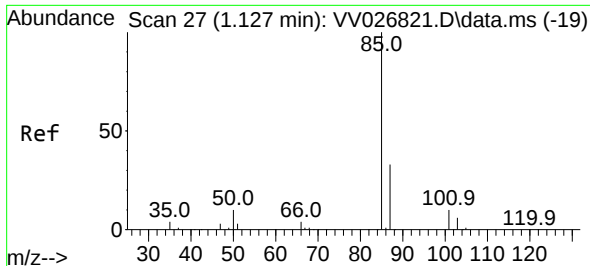
Quant Time: Jul 20 05:52:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 20 05:46:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	218127	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	230547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67600	3.397	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.000%	
7) Chloroethane-d5	1.561	69	69224	4.026	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.600%	
11) 1,1-Dichloroethene-d2	2.102	63	92628	2.425	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	48.400%#	
20) 2-Butanone-d5	3.883	46	190620	61.376	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.760%	
24) Chloroform-d	4.346	84	167087	4.802	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.031	65	77764	5.116	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.047	84	271808	3.880	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.600%	
36) 1,2-Dichloropropane-d6	6.066	67	98101	4.670	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.314	98	190844	3.069	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	61.400%#	
43) trans-1,3-Dichloroprop...	7.625	79	26119	3.801	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.000%	
46) 2-Hexanone-d5	8.088	63	140636	47.267	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.540%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	82375	5.034	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	82122	5.067	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	1865	0.067	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	12897	0.654	ug/L	96
15) Methyl Acetate	2.172	43	5461	1.033	ug/L #	50
25) Chloroform	4.368	83	2264	0.067	ug/L	98
29) 1,1,1-Trichloroethane	4.597	97	1457	0.047	ug/L #	62
35) Methylcyclohexane	6.066	83	23410	0.810	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	10204	0.554	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1931	0.084	ug/L #	64
47) Tetrachloroethene	7.979	164	4051	0.273	ug/L	90
49) Dibromochloromethane	7.976	129	3592	0.231	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	11266	1.313	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.249	75	272	0.150	ug/L #	6

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

Quant Time: Jul 20 05:52:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 20 05:46:20 2022
Response via : Initial Calibration

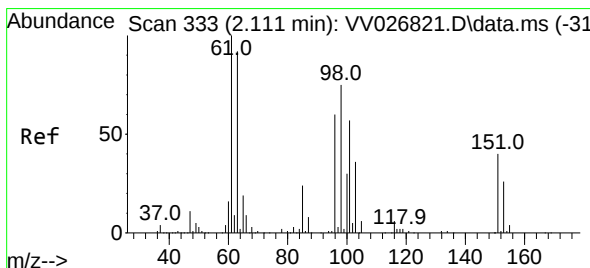
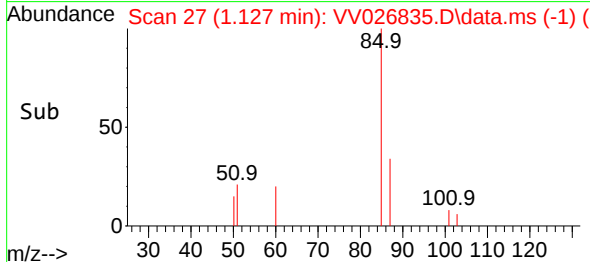
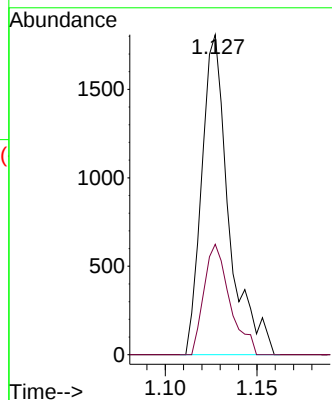
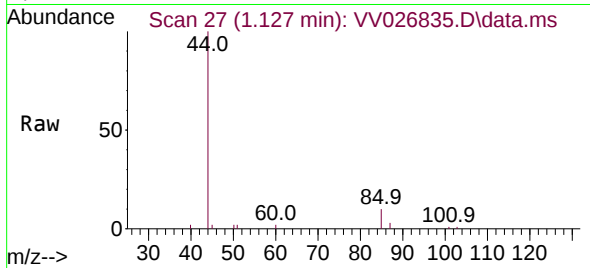




#2
 Dichlorodifluoromethane
 Concen: 0.067 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026835.D
 Acq: 19 Jul 2022 19:08

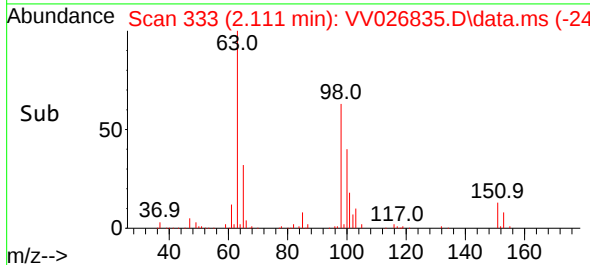
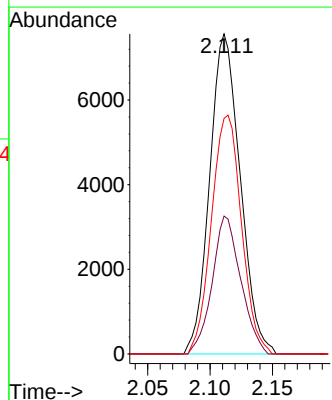
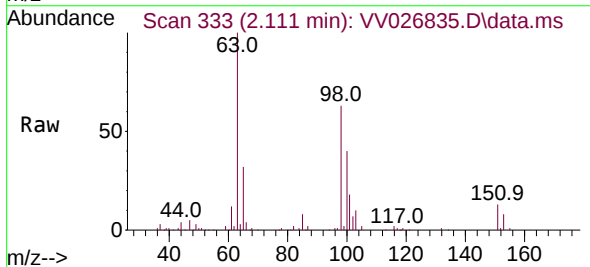
Instrument :
 MSVOA_V
 ClientSampleId :

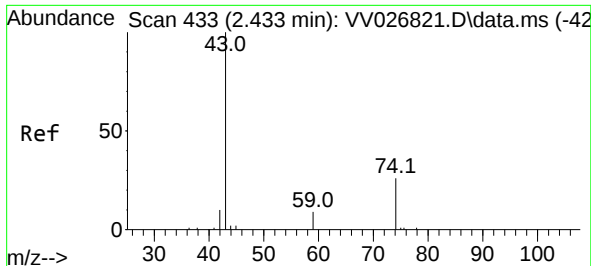
Tgt Ion: 85 Resp: 1865
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.8



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.654 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV026835.D
 Acq: 19 Jul 2022 19:08

Tgt Ion: 101 Resp: 12897
 Ion Ratio Lower Upper
 101 100
 85 40.3 35.0 52.4
 151 73.3 56.7 85.1





#15

Methyl Acetate

Concen: 1.033 ug/L

RT: 2.172 min Scan# 3

Delta R.T. -0.260 min

Lab File: VV026835.D

Acq: 19 Jul 2022 19:08

Instrument :

MSVOA_V

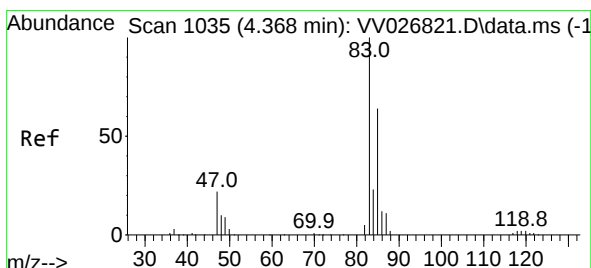
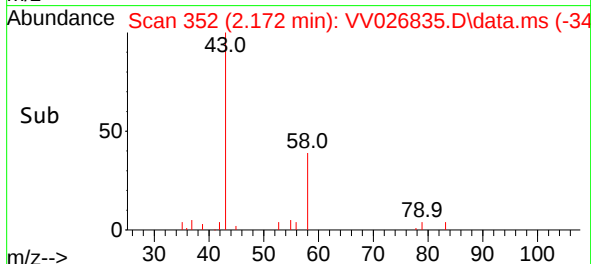
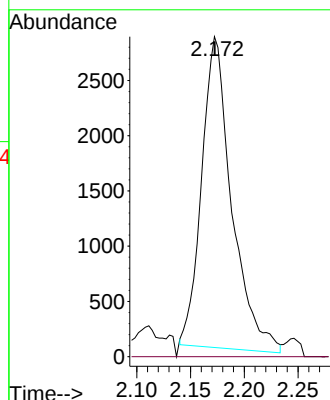
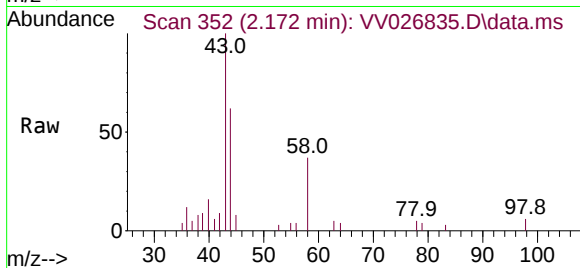
ClientSampleId :

Tgt Ion: 43 Resp: 5461

Ion Ratio Lower Upper

43 100

74 0.0 20.1 30.1#



#25

Chloroform

Concen: 0.067 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV026835.D

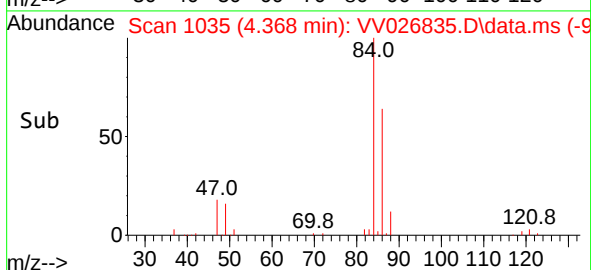
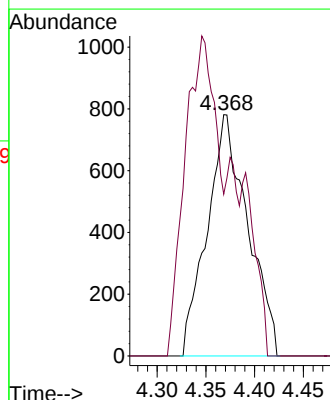
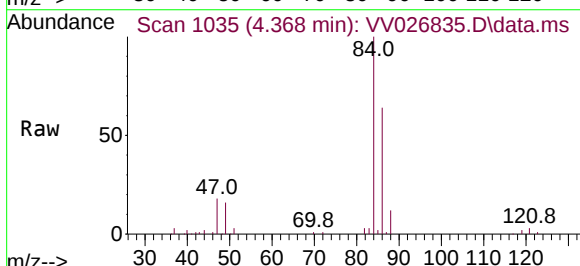
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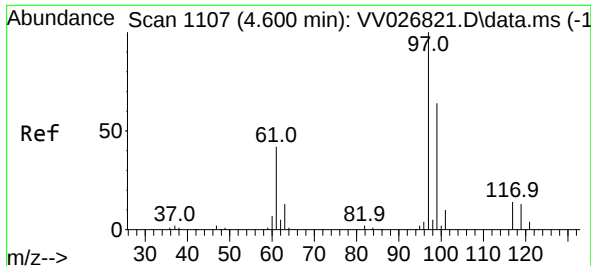
Tgt Ion: 83 Resp: 2264

Ion Ratio Lower Upper

83 100

85 67.1 45.7 84.9





#29

1,1,1-Trichloroethane

Concen: 0.047 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV026835.D

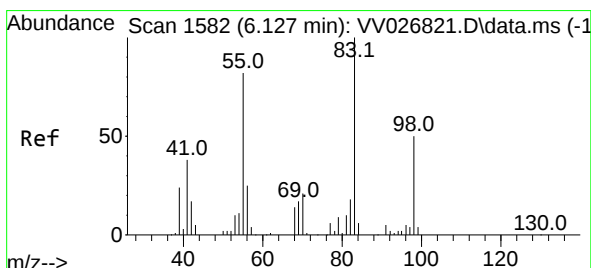
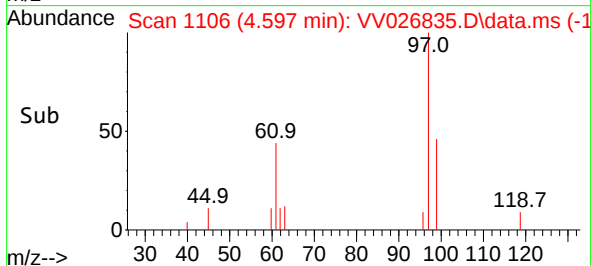
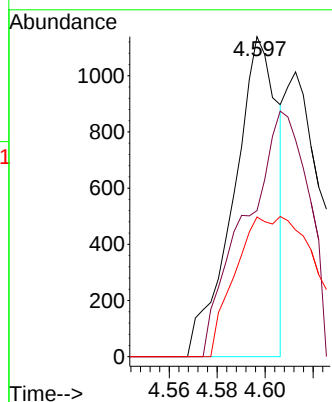
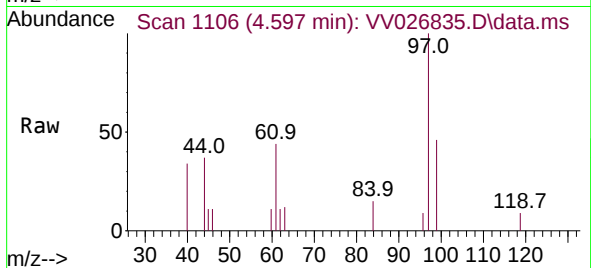
Acq: 19 Jul 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 1457
Ion Ratio	Lower Upper
97 100	
99 109.6	51.3 76.9#
61 38.6	35.1 52.7



#35

Methylcyclohexane

Concen: 0.810 ug/L

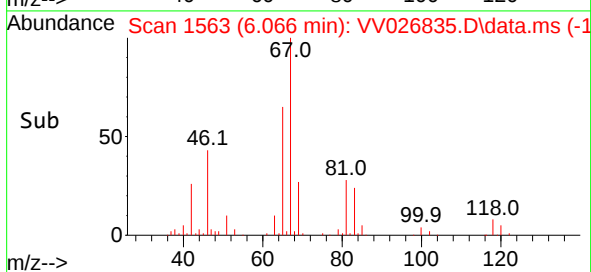
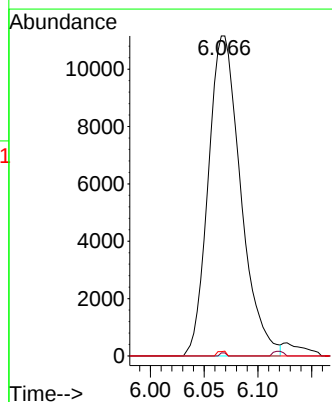
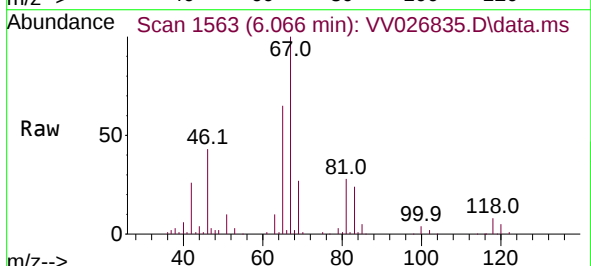
RT: 6.066 min Scan# 1563

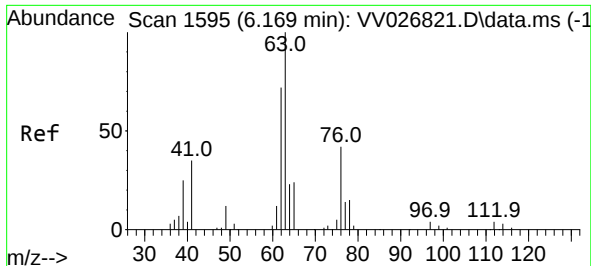
Delta R.T. -0.061 min

Lab File: VV026835.D

Acq: 19 Jul 2022 19:08

Tgt Ion: 83	Resp: 23410
Ion Ratio	Lower Upper
83 100	
55 0.2	59.5 89.3#
98 0.4	38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV026835.D

Acq: 19 Jul 2022 19:08

Instrument :

MSVOA_V

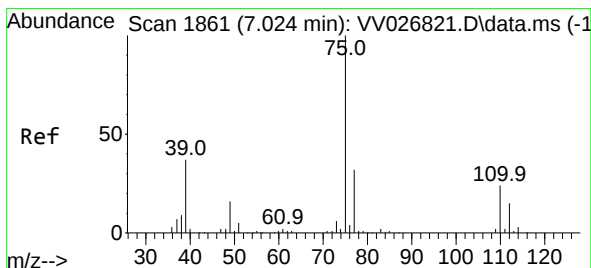
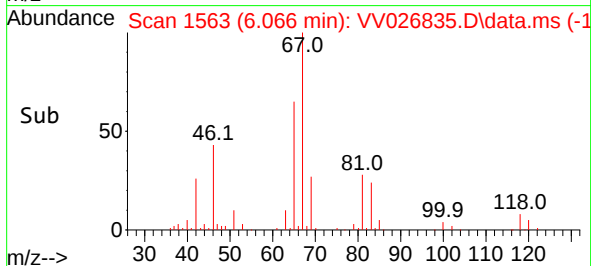
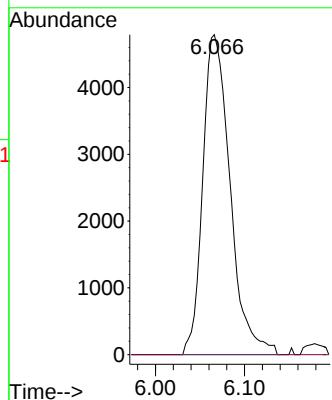
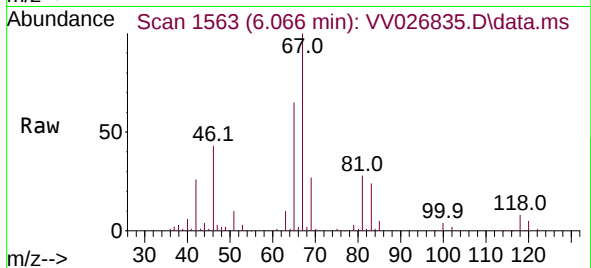
ClientSampleId :

Tgt Ion: 63 Resp: 10204

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV026835.D

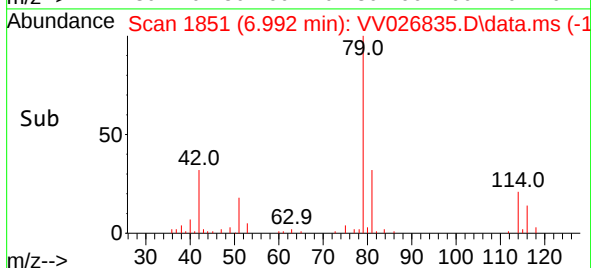
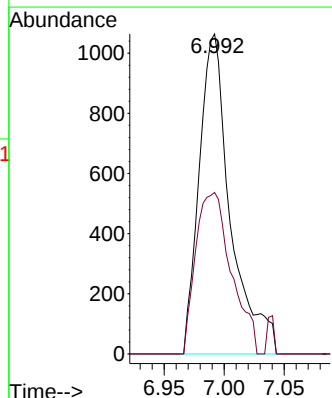
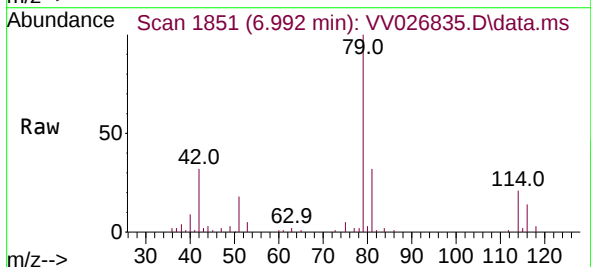
Acq: 19 Jul 2022 19:08

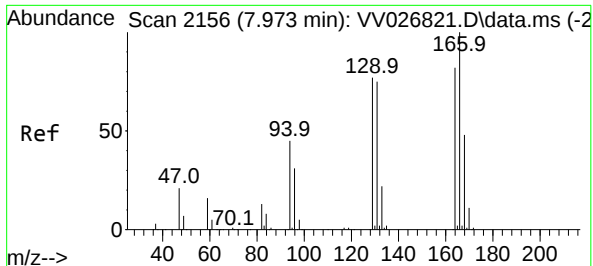
Tgt Ion: 75 Resp: 1931

Ion Ratio Lower Upper

75 100

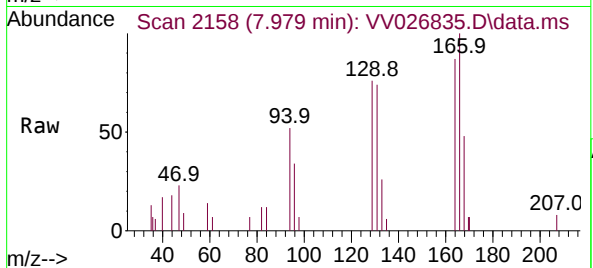
77 50.5 21.4 39.8#



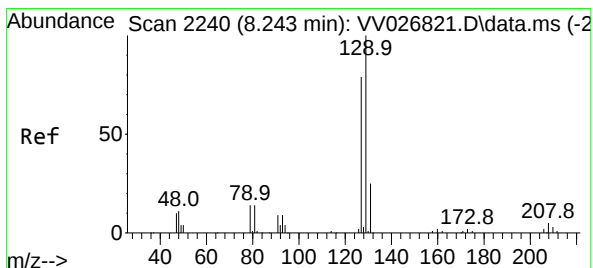
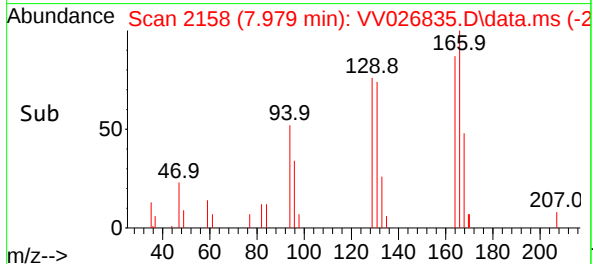
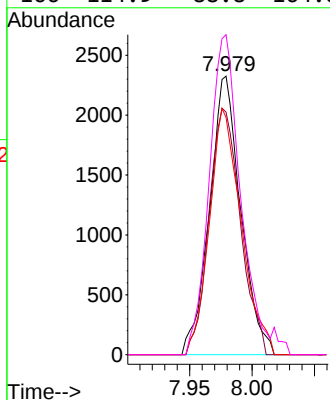


#47
Tetrachloroethene
Concen: 0.273 ug/L
RT: 7.979 min Scan# 2157
Delta R.T. 0.007 min
Lab File: VV026835.D
Acq: 19 Jul 2022 19:08

Instrument :
MSVOA_V
ClientSampleId :

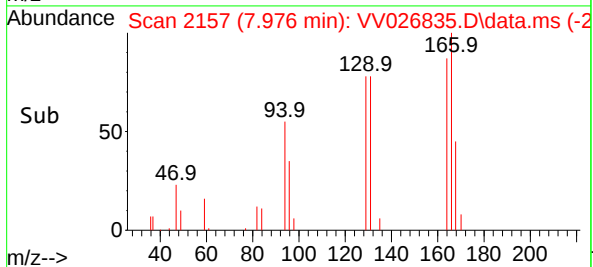
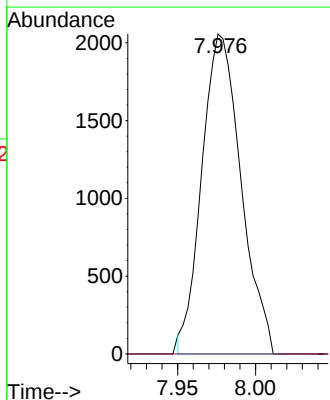
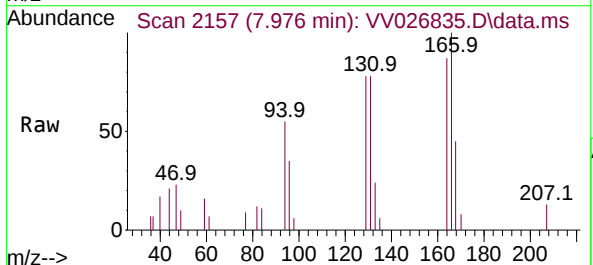


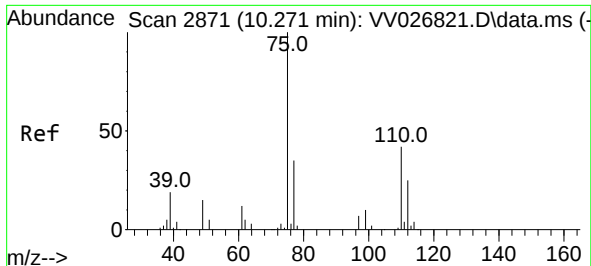
Tgt Ion:164	Resp:	4051
Ion	Ratio	Lower Upper
164	100	
129	87.1	67.8 125.8
131	85.2	65.9 122.5
166	114.9	88.8 164.8



#49
Dibromochloromethane
Concen: 0.231 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV026835.D
Acq: 19 Jul 2022 19:08

Tgt Ion:129	Resp:	3592
Ion	Ratio	Lower Upper
129	100	
127	0.0	55.7 103.5#

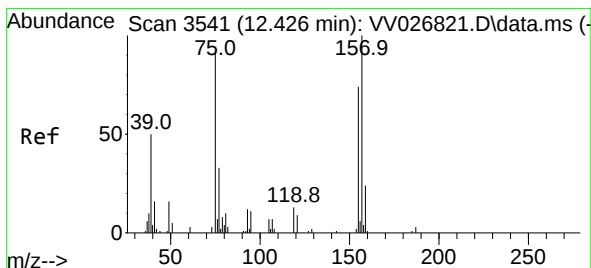
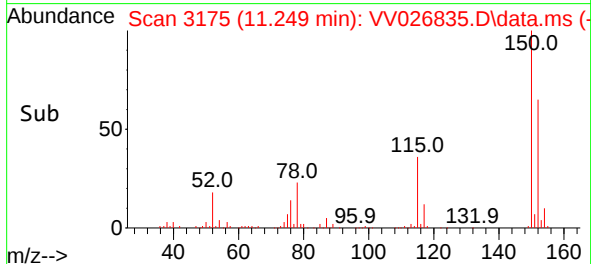
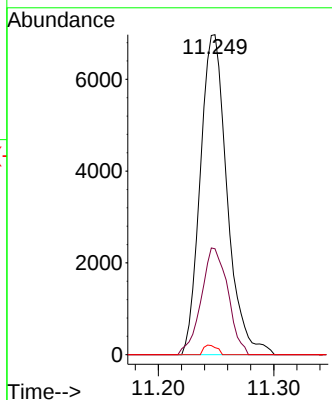
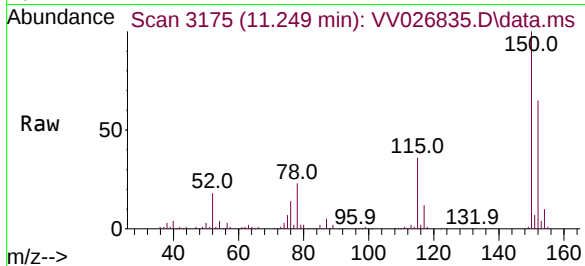




#61
1,2,3-Trichloropropane
Concen: 1.313 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV026835.D
Acq: 19 Jul 2022 19:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 11266
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0
110 1.5 31.8 47.6#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.150 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.177 min
Lab File: VV026835.D
Acq: 19 Jul 2022 19:08

Tgt Ion: 75 Resp: 272
Ion Ratio Lower Upper
75 100
155 0.0 60.3 90.5#
157 0.0 78.2 117.4#

