

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040623\
 Data File : VW030413.D
 Acq On : 06 Apr 2023 13:23
 Operator : SY/MD
 Sample : 02194-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW7

Quant Time: Apr 07 04:50:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	137024	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	137595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	22837	2.516	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.400%
7) Chloroethane-d5	1.535	69	30162	3.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.066	63	74375	3.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.825	46	113038	48.190	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.380%
24) Chloroform-d	4.262	84	89056	4.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	4.953	65	48213	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.969	84	146172	3.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	5.998	67	51894	4.275	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.252	98	117474	3.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.564	79	15955	3.491	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.037	63	85076	46.324	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.640%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	39726	4.152	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	51989	4.354	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	3805	0.173	ug/L	88
6) Bromomethane	1.497	94	411	0.090	ug/L	75
9) Trichlorofluoromethane	1.719	101	67545	2.891	ug/L	100
12) 1,1-Dichloroethene	2.076	96	48869	4.268	ug/L	84
19) 1,1-Dichloroethane	3.121	63	239600	10.247	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	25784	2.130	ug/L	99
29) 1,1,1-Trichloroethane	4.526	97	26573	1.202	ug/L	97
31) Carbon tetrachloride	4.526	117	3407	0.170	ug/L	95
33) Benzene	5.024	78	24219	0.496	ug/L	100
34) Trichloroethene	5.841	95	2535485	192.366	ug/L	97
35) Methylcyclohexane	5.998	83	12767	0.617	ug/L #	16
37) 1,2-Dichloropropane	5.998	63	6811	0.543	ug/L #	88
45) 1,1,2-Trichloroethane	7.779	97	2016	0.228	ug/L	94
47) Tetrachloroethene	7.915	164	109045	9.374	ug/L	98
49) Dibromochloromethane	7.911	129	94306	8.968	ug/L #	12
61) 1,2,3-Trichloropropane	11.191	75	7614	1.275	ug/L #	62

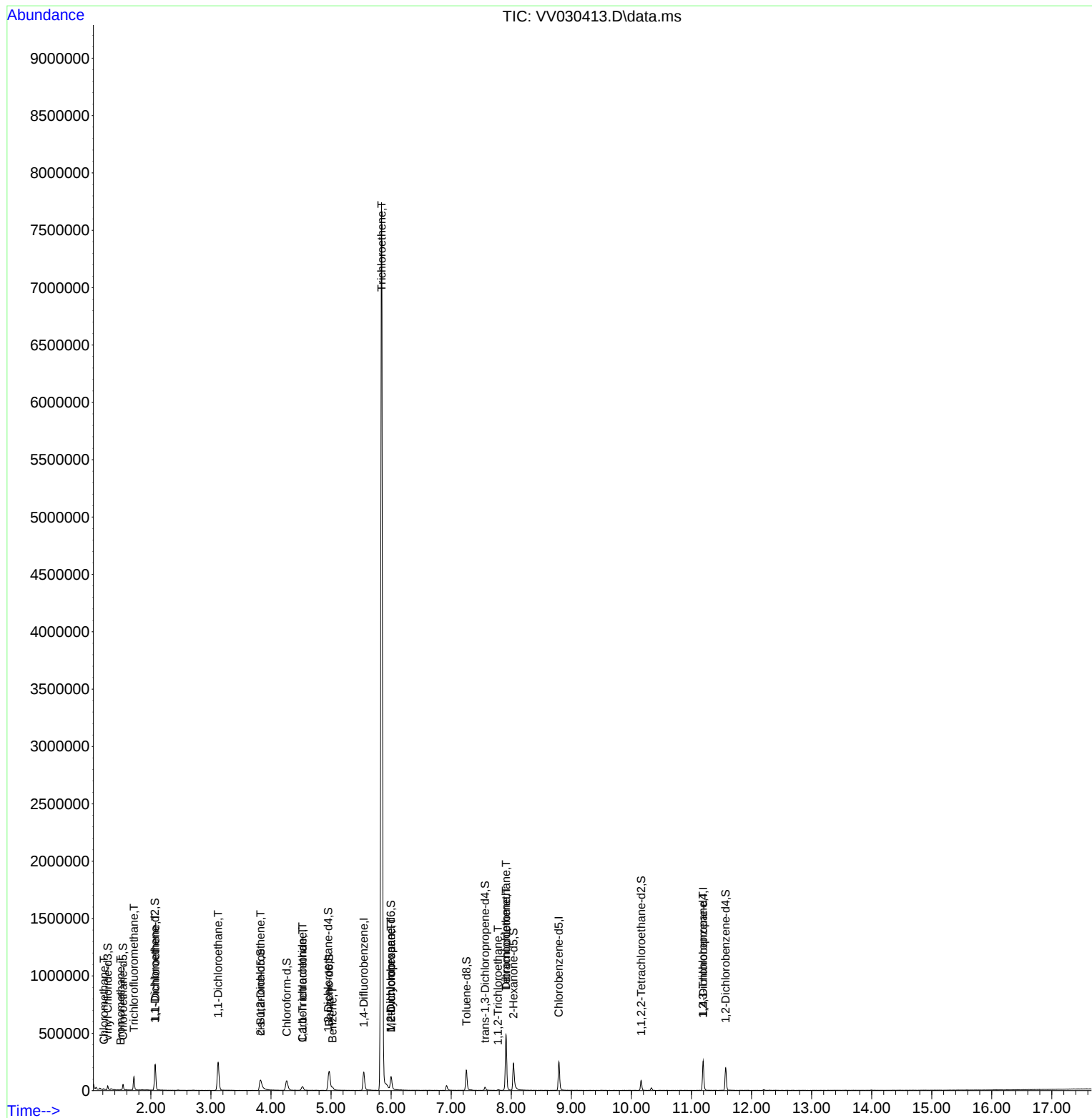
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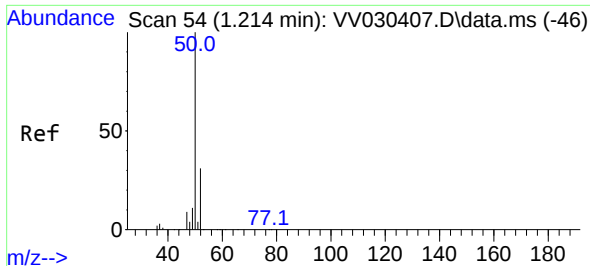
Instrument :
MSVOA_V
ClientSampleId :
BHDW7

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Response via : Initial Calibration

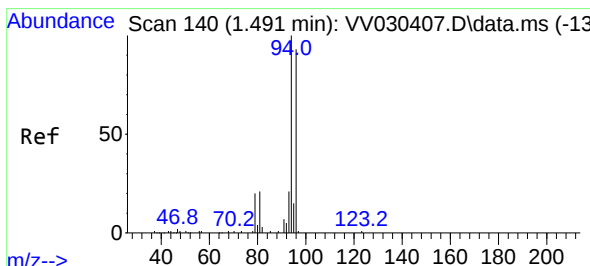
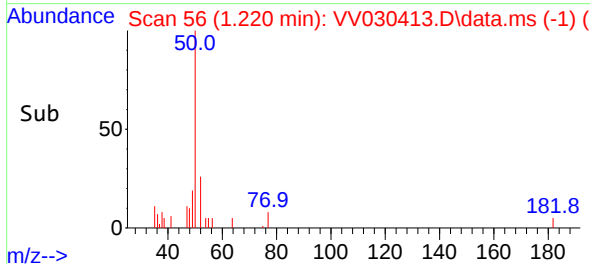
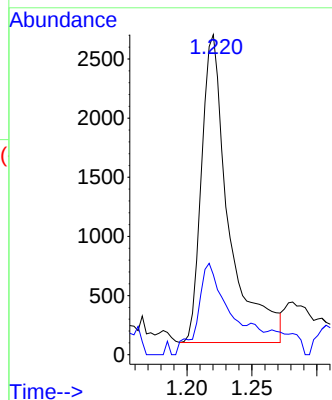
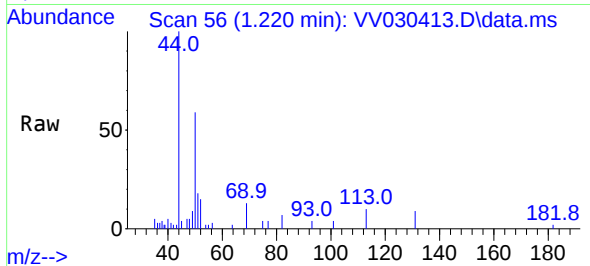




#3
Chloromethane
Concen: 0.173 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030413.D
Acq: 06 Apr 2023 13:23

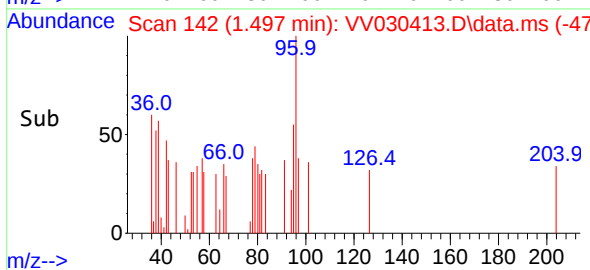
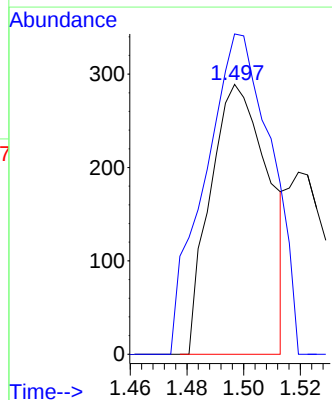
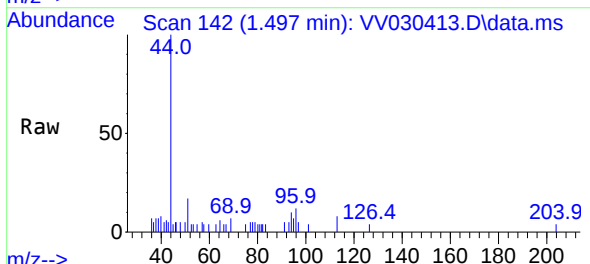
Instrument :
MSVOA_V
ClientSampleId :
BHDW7

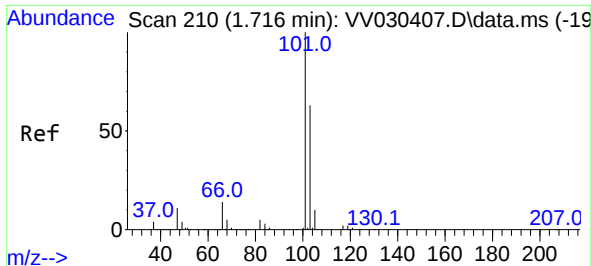
Tgt Ion: 50 Resp: 3805
Ion Ratio Lower Upper
50 100
52 25.0 22.3 41.5



#6
Bromomethane
Concen: 0.090 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030413.D
Acq: 06 Apr 2023 13:23

Tgt Ion: 94 Resp: 411
Ion Ratio Lower Upper
94 100
96 118.7 66.1 122.7

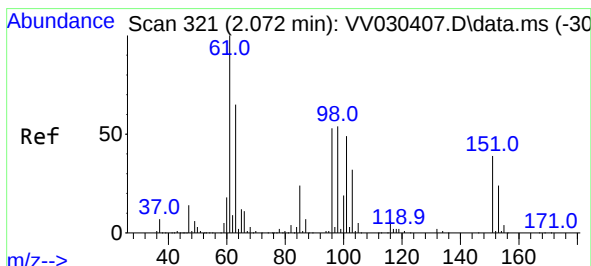
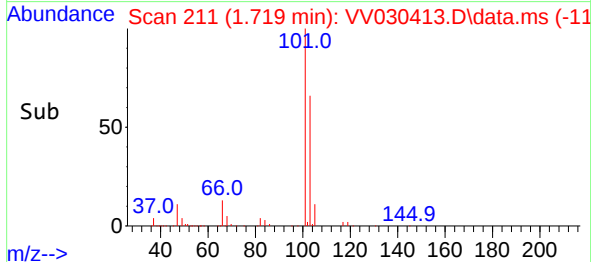
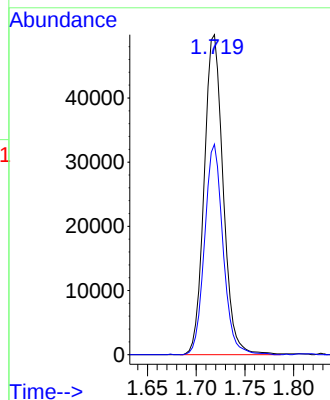
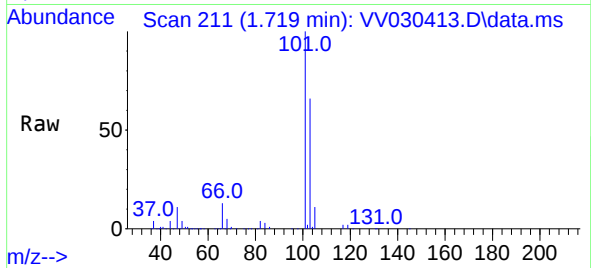




#9
Trichlorofluoromethane
Concen: 2.891 ug/L
RT: 1.719 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV030413.D
Acq: 06 Apr 2023 13:23

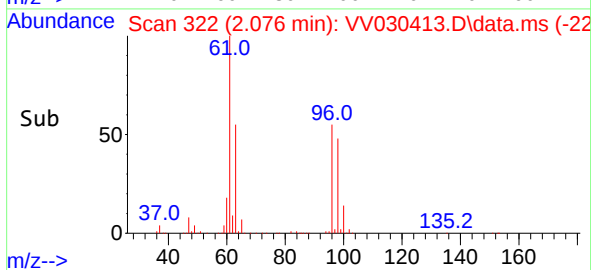
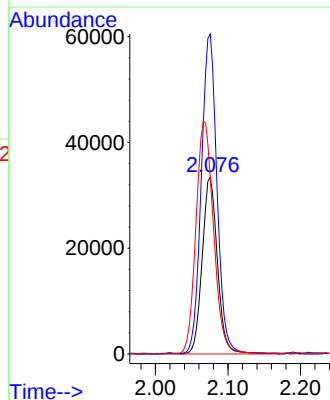
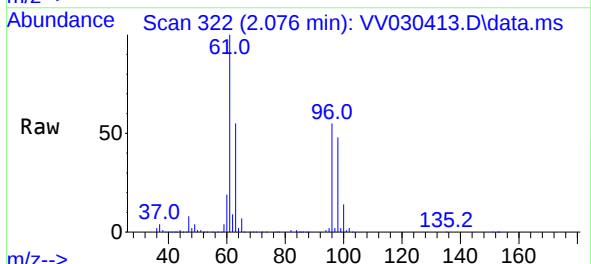
Instrument :
MSVOA_V
ClientSampleId :
BHDW7

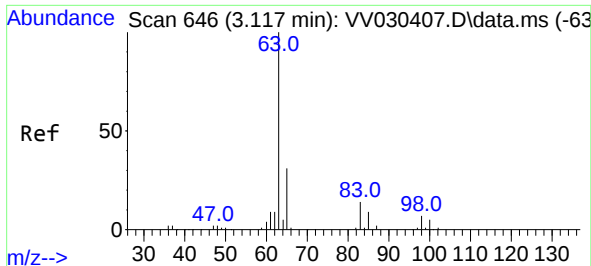
Tgt Ion:101 Resp: 67545
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.6



#12
1,1-Dichloroethene
Concen: 4.268 ug/L
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV030413.D
Acq: 06 Apr 2023 13:23

Tgt Ion: 96 Resp: 48869
Ion Ratio Lower Upper
96 100
61 181.0 136.3 253.1
63 99.9 92.1 171.1

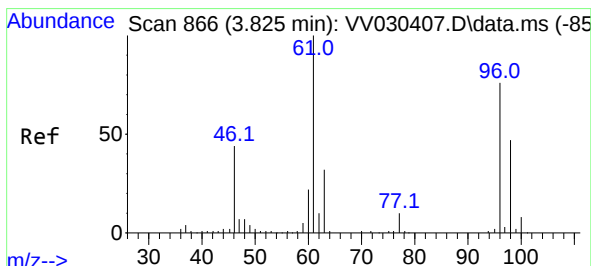
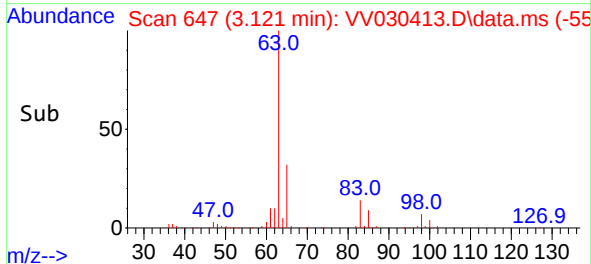
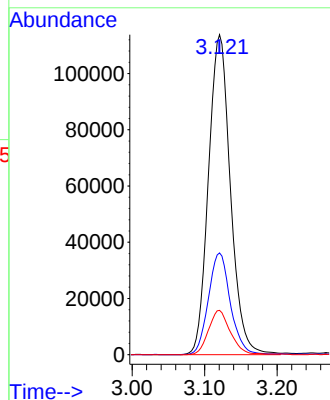
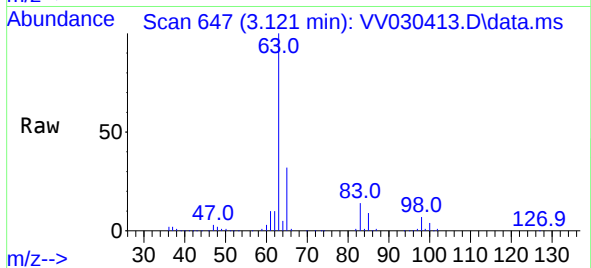




#19
1,1-Dichloroethane
Concen: 10.247 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV030413.D
Acq: 06 Apr 2023 13:23

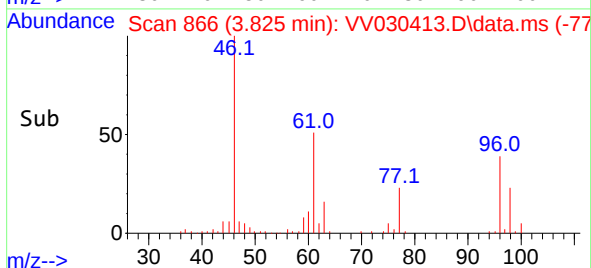
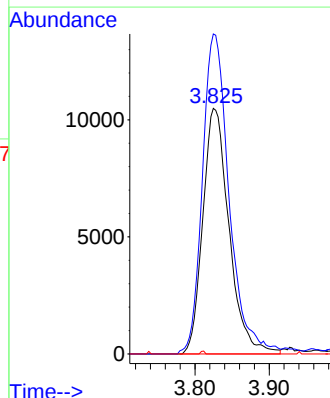
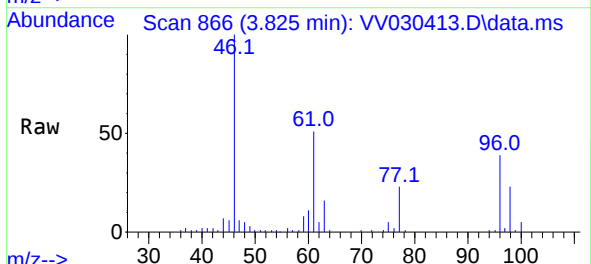
Instrument :
MSVOA_V
ClientSampleId :
BHDW7

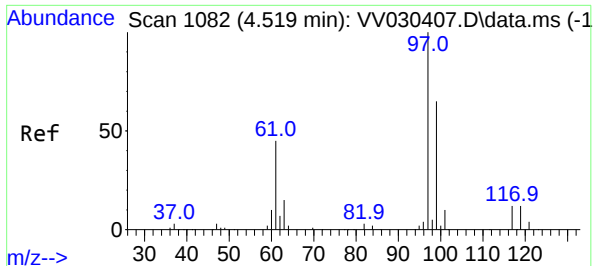
Tgt Ion: 63 Resp: 239600
Ion Ratio Lower Upper
63 100
65 31.8 21.7 40.3
83 13.9 9.1 16.9



#22
cis-1,2-Dichloroethene
Concen: 2.130 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV030413.D
Acq: 06 Apr 2023 13:23

Tgt Ion: 96 Resp: 25784
Ion Ratio Lower Upper
96 100
61 130.2 92.0 170.8
68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 1.202 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.003 min

Lab File: VV030413.D

Acq: 06 Apr 2023 13:23

Instrument :

MSVOA_V

ClientSampleId :

BHDW7

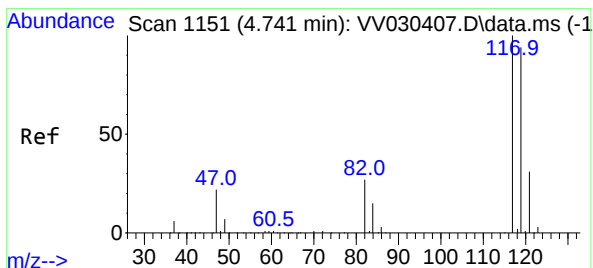
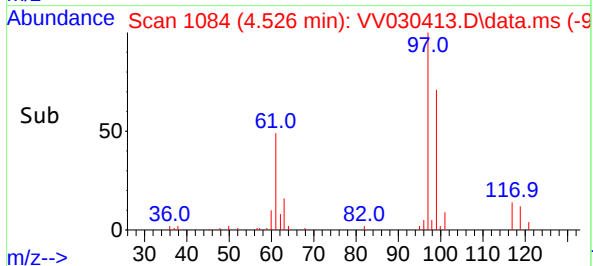
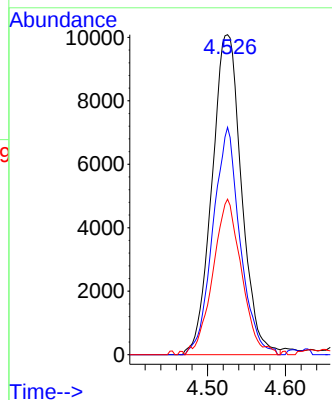
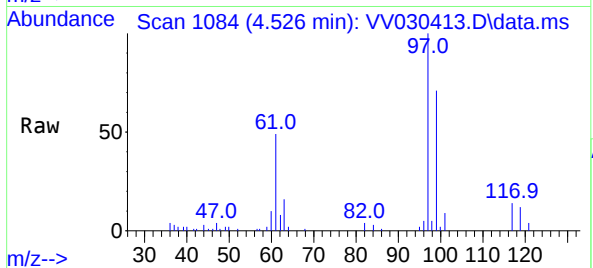
Tgt Ion: 97 Resp: 26573

Ion Ratio Lower Upper

97 100

99 65.5 50.9 76.3

61 47.2 35.9 53.9



#31

Carbon tetrachloride

Concen: 0.170 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. -0.219 min

Lab File: VV030413.D

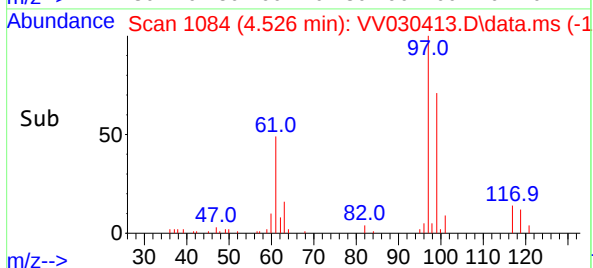
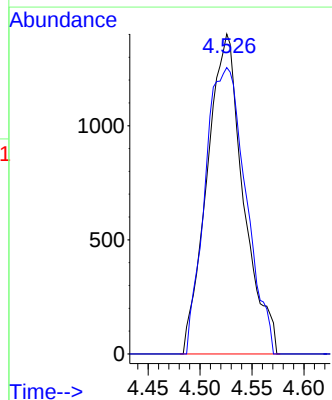
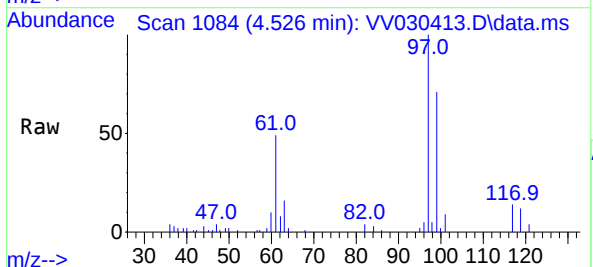
Acq: 06 Apr 2023 13:23

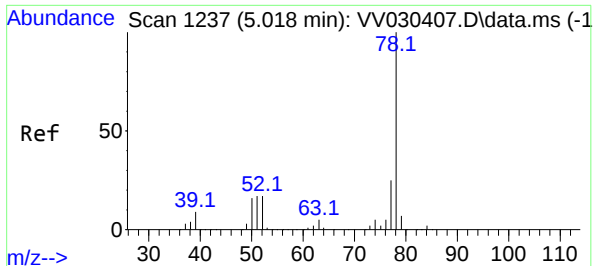
Tgt Ion: 117 Resp: 3407

Ion Ratio Lower Upper

117 100

119 100.4 76.2 114.4

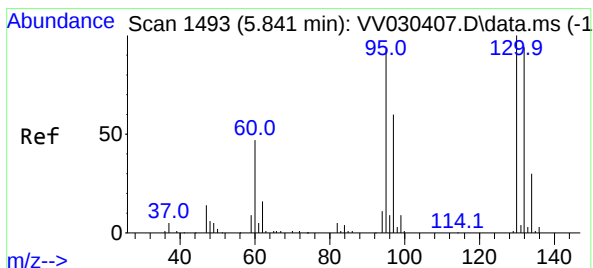
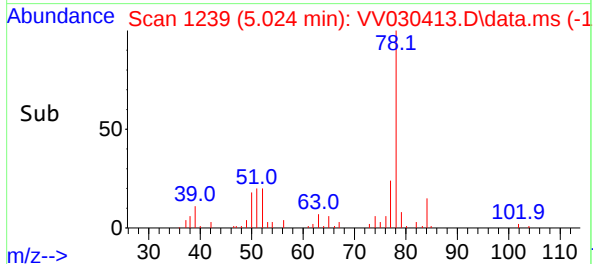
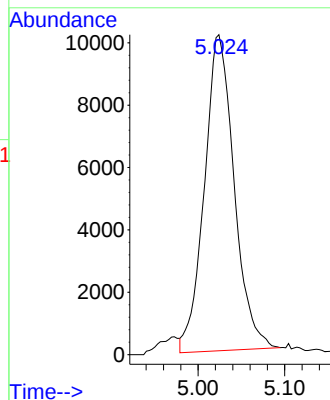
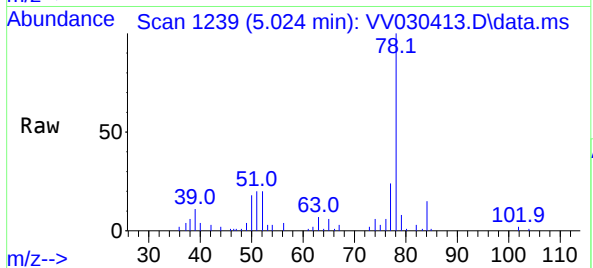




#33
Benzene
Concen: 0.496 ug/L
RT: 5.024 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VV030413.D
Acq: 06 Apr 2023 13:23

Instrument :
MSVOA_V
ClientSampleId :
BHDW7

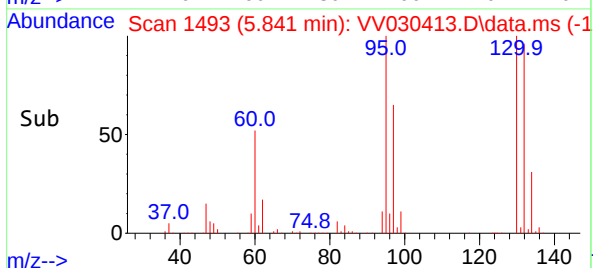
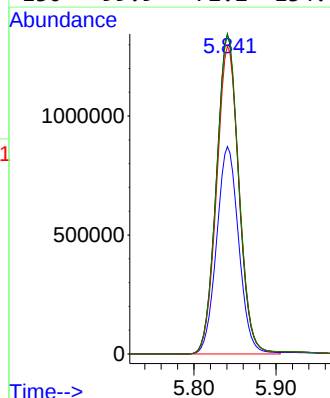
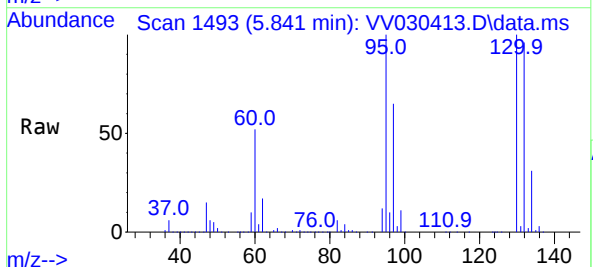
Tgt Ion: 78 Resp: 24219

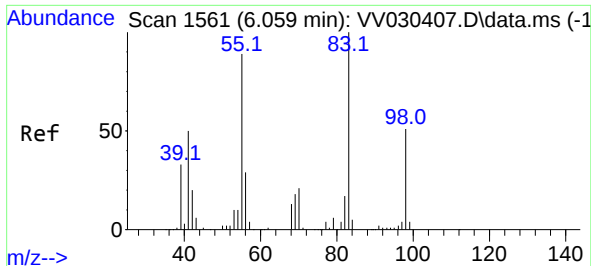


#34
Trichloroethene
Concen: 192.366 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030413.D
Acq: 06 Apr 2023 13:23

Tgt Ion: 95 Resp: 2535485

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.2	82.2
132	96.3	69.5	129.1
130	99.9	72.2	134.0

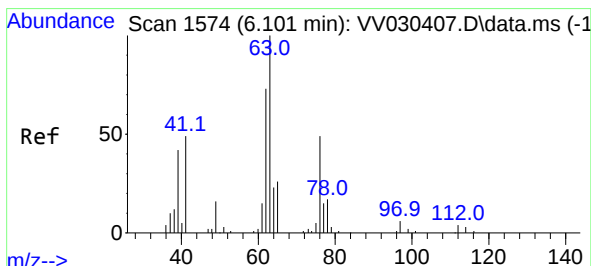
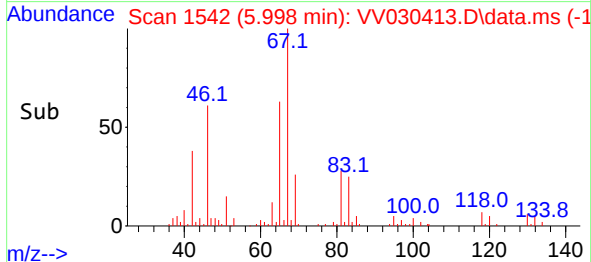
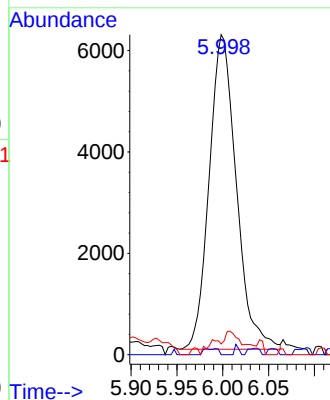
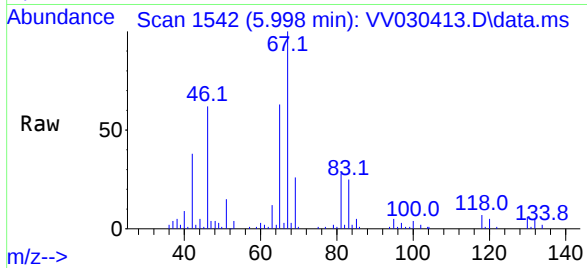




#35
Methylcyclohexane
Concen: 0.617 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030413.D
Acq: 06 Apr 2023 13:23

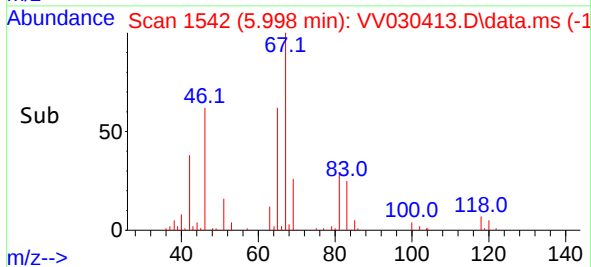
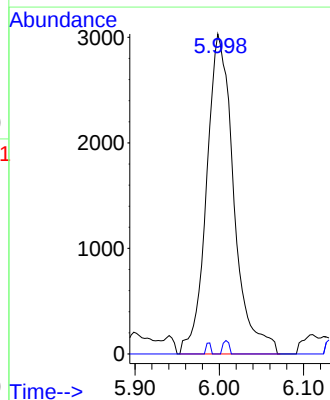
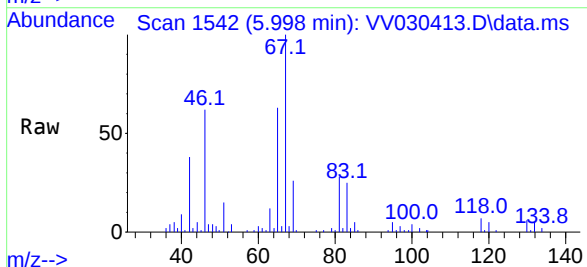
Instrument :
MSVOA_V
ClientSampleId :
BHDW7

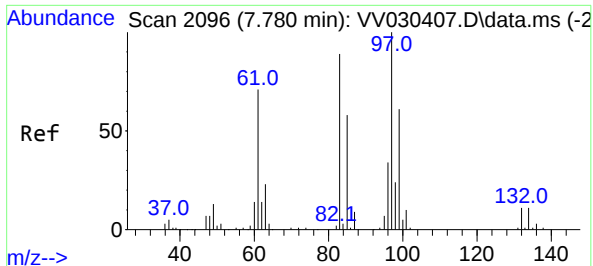
Tgt Ion: 83 Resp: 12767
Ion Ratio Lower Upper
83 100
55 0.5 66.6 100.0#
98 0.0 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030413.D
Acq: 06 Apr 2023 13:23

Tgt Ion: 63 Resp: 6811
Ion Ratio Lower Upper
63 100
112 1.0 3.9 5.9#



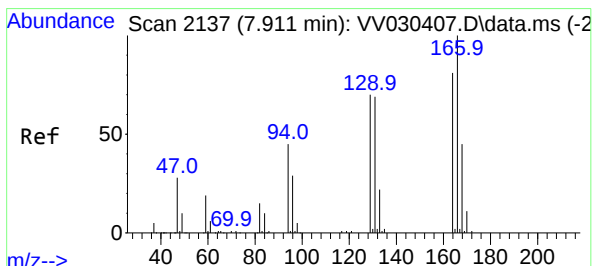
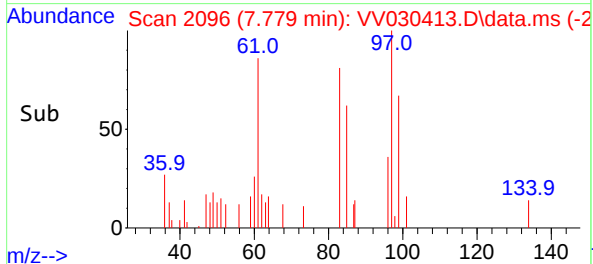
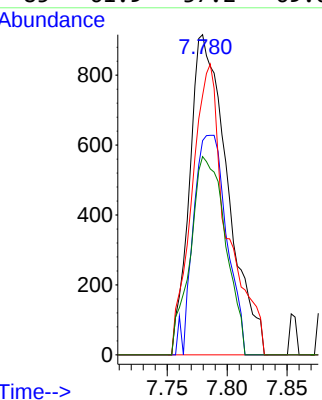
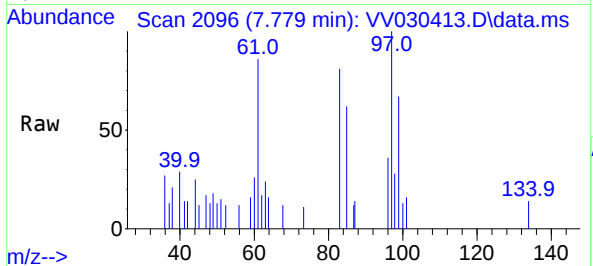


#45
1,1,2-Trichloroethane
Concen: 0.228 ug/L
RT: 7.779 min Scan# 2096
Delta R.T. 0.003 min
Lab File: VV030413.D
Acq: 06 Apr 2023 13:23

Instrument :
MSVOA_V
ClientSampleId :
BHDW7

Tgt Ion: 97 Resp: 2016

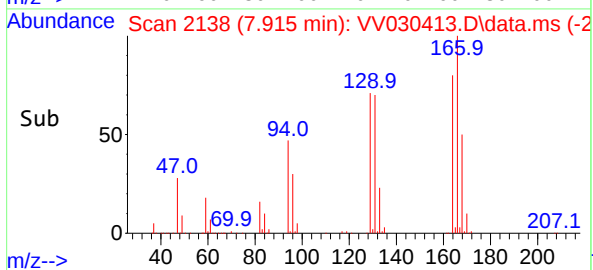
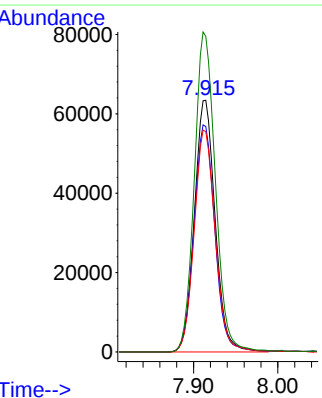
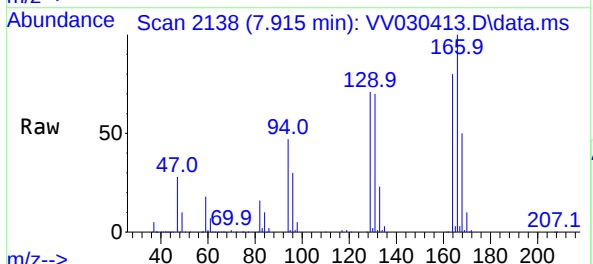
Ion	Ratio	Lower	Upper
97	100		
99	66.9	44.0	81.8
83	81.0	58.8	109.2
85	61.9	37.2	69.0

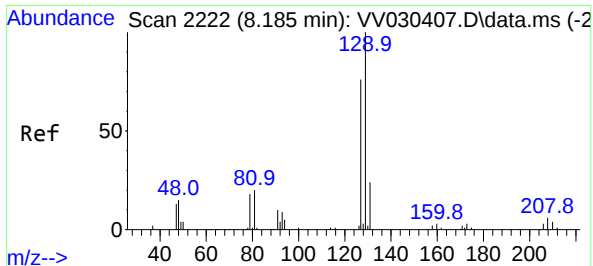


#47
Tetrachloroethene
Concen: 9.374 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030413.D
Acq: 06 Apr 2023 13:23

Tgt Ion: 164 Resp: 109045

Ion	Ratio	Lower	Upper
164	100		
129	89.6	60.8	112.8
131	87.5	61.7	114.7
166	125.4	85.6	159.0





#49

Dibromochloromethane

Concen: 8.968 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030413.D

Acq: 06 Apr 2023 13:23

Instrument :

MSVOA_V

ClientSampleId :

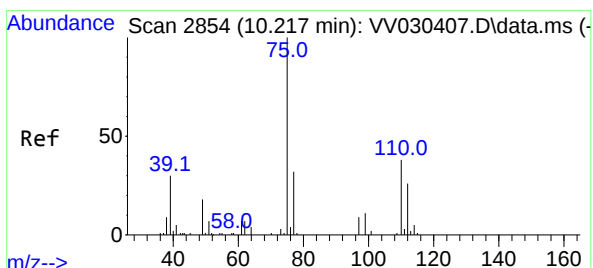
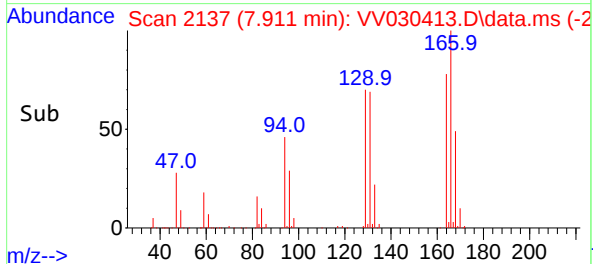
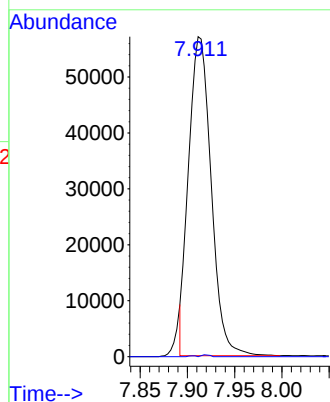
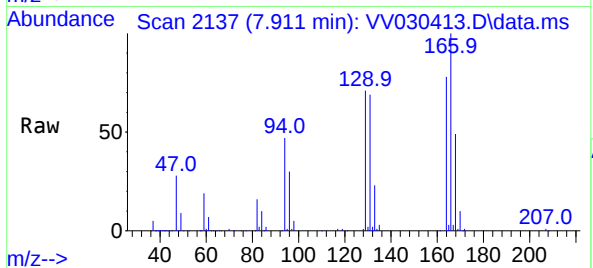
BHDW7

Tgt Ion:129 Resp: 94306

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#



#61

1,2,3-Trichloropropane

Concen: 1.275 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV030413.D

Acq: 06 Apr 2023 13:23

Tgt Ion: 75 Resp: 7614

Ion Ratio Lower Upper

75 100

77 39.1 26.0 39.0#

110 2.4 31.6 47.4#

