

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026983.D
 Acq On : 27 Jul 2022 04:34
 Operator : SY/MD
 Sample : N3880-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUG0

Quant Time: Jul 27 07:03:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 02:43:35 2022
 Response via : Initial Calibration

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

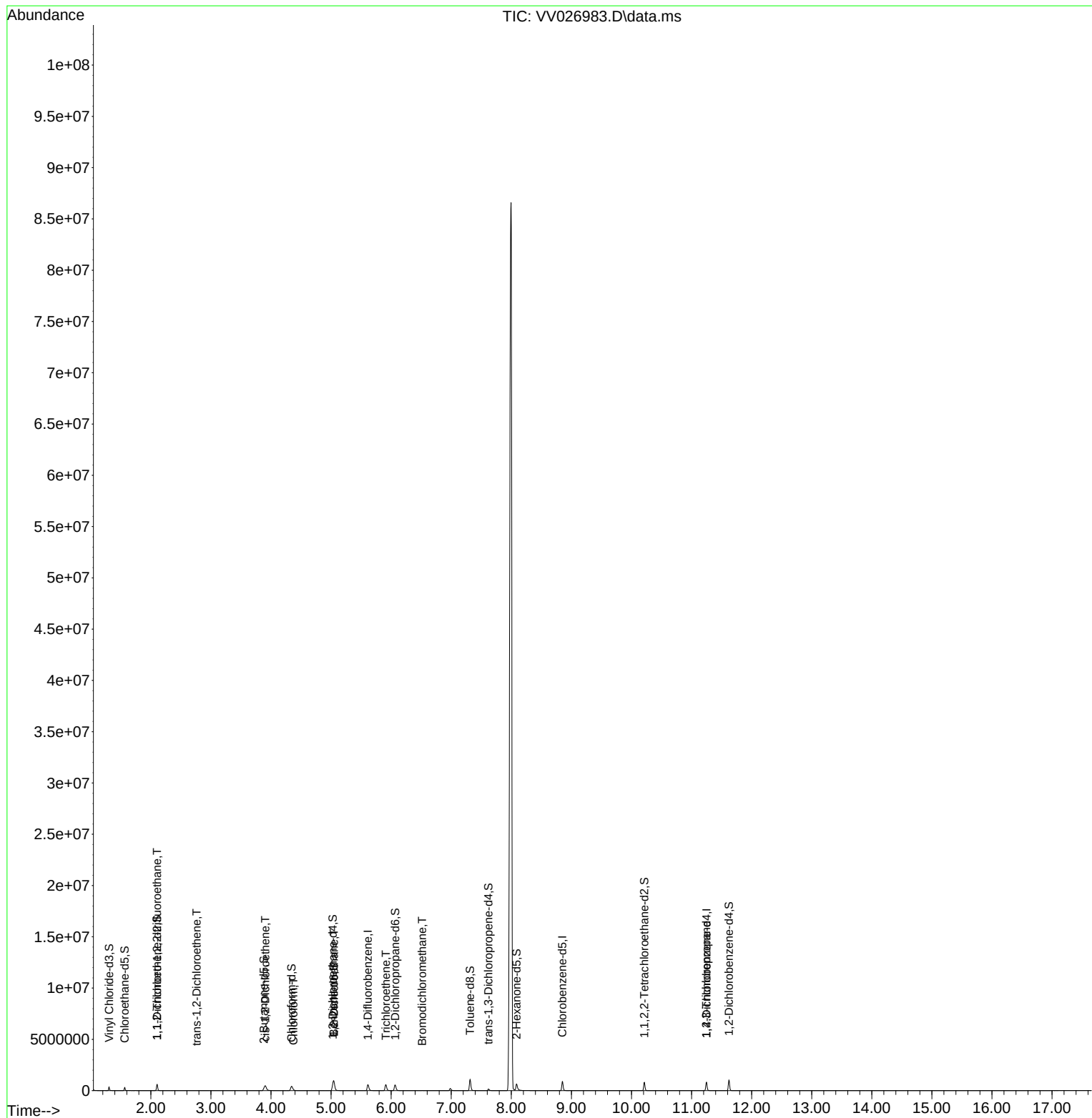
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	527423	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	512324	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	228477	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	235756	53.296	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.600%
7) Chloroethane-d5	1.564	69	197417	55.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.340%
11) 1,1-Dichloroethene-d2	2.105	63	320363	40.255	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.520%
21) 2-Butanone-d5	3.883	46	303441	101.769	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.770%
24) Chloroform-d	4.342	84	452097	51.930	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.860%
26) 1,2-Dichloroethane-d4	5.027	65	267536	53.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.440%
32) Benzene-d6	5.043	84	908803	58.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.360%
36) 1,2-Dichloropropane-d6	6.066	67	293272	58.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.520%
41) Toluene-d8	7.313	98	752658	55.547	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.100%
43) trans-1,3-Dichloroprop...	7.619	79	94921	45.391	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.780%
47) 2-Hexanone-d5	8.088	63	225489	103.766	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.770%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	392353	51.751	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.500%
66) 1,2-Dichlorobenzene-d4	11.622	152	270531	63.114	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.220%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	3129	0.717	ug/L #	21
17) trans-1,2-Dichloroethene	2.761	96	2821	0.655	ug/L	89
20) cis-1,2-Dichloroethene	3.905	96	232574	51.214	ug/L	96
25) Chloroform	4.371	83	33441	3.951	ug/L	97
27) 1,2-Dichloroethane	5.047	62	4214	0.706	ug/L	98
34) Trichloroethene	5.912	95	215031	50.789	ug/L	99
38) Bromodichloromethane	6.516	83	7012	1.206	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	25959	5.662	ug/L #	66

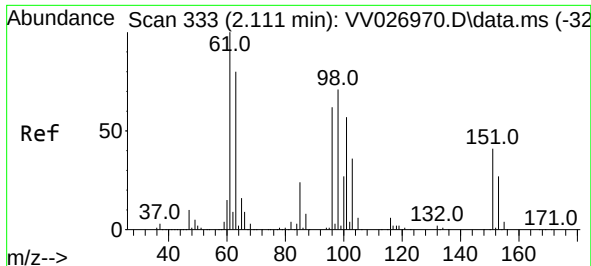
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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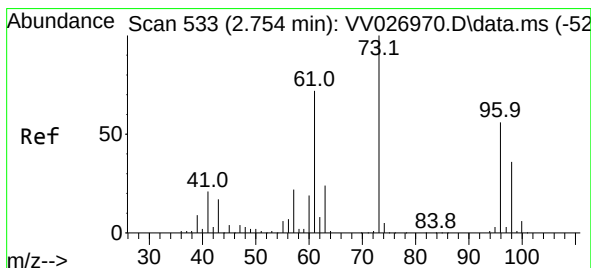
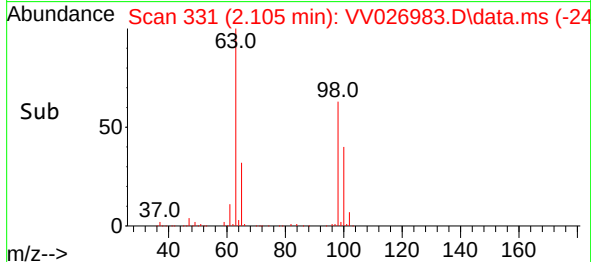
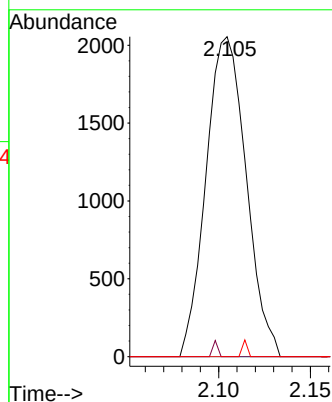
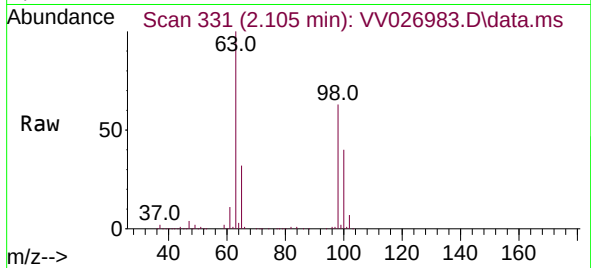




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.717 ug/L
 RT: 2.105 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VV026983.D
 Acq: 27 Jul 2022 04:34

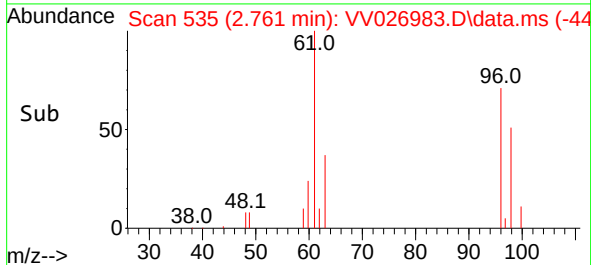
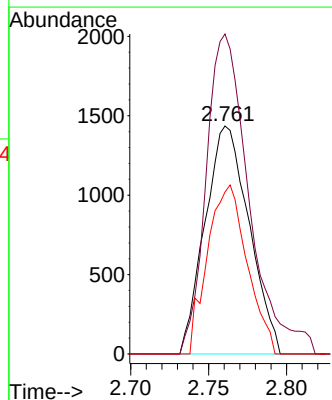
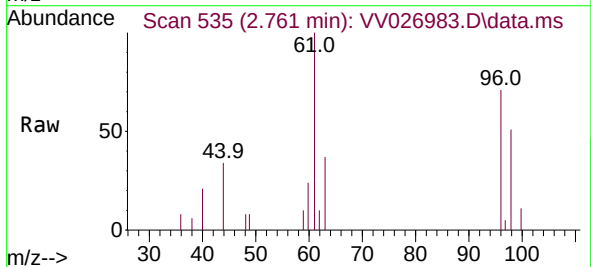
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUG0

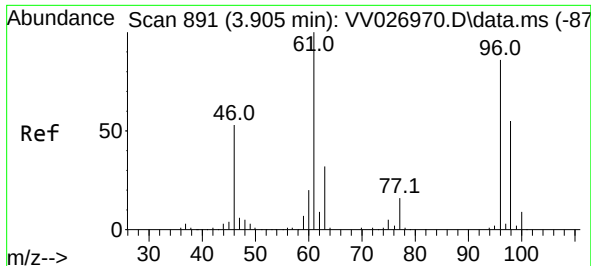
Tgt Ion:101 Resp: 3129
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.1 49.7#
 151 0.0 57.1 85.7#



#17
 trans-1,2-Dichloroethene
 Concen: 0.655 ug/L
 RT: 2.761 min Scan# 535
 Delta R.T. 0.006 min
 Lab File: VV026983.D
 Acq: 27 Jul 2022 04:34

Tgt Ion: 96 Resp: 2821
 Ion Ratio Lower Upper
 96 100
 61 140.3 89.2 165.6
 98 71.0 44.7 82.9

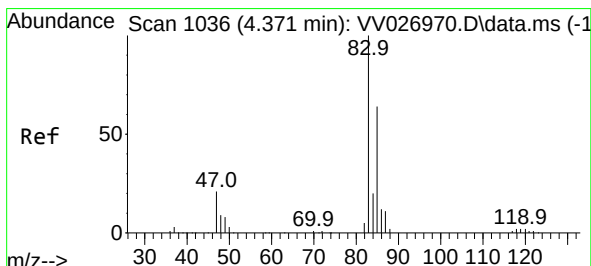
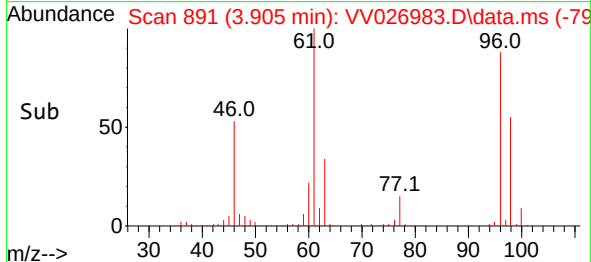
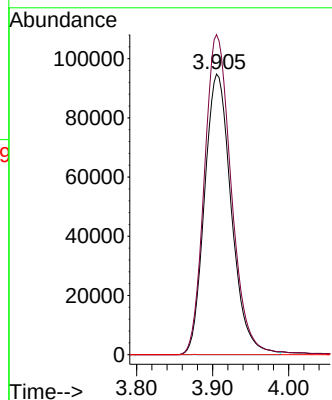
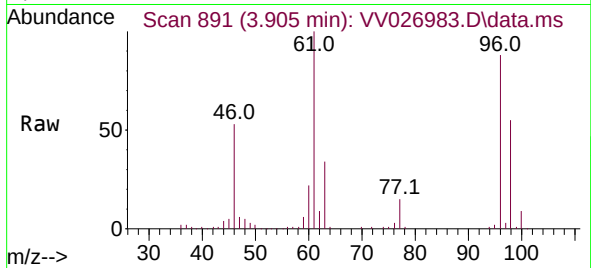




#20
 cis-1,2-Dichloroethene
 Concen: 51.214 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV026983.D
 Acq: 27 Jul 2022 04:34

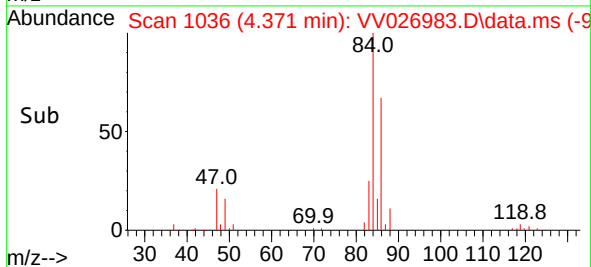
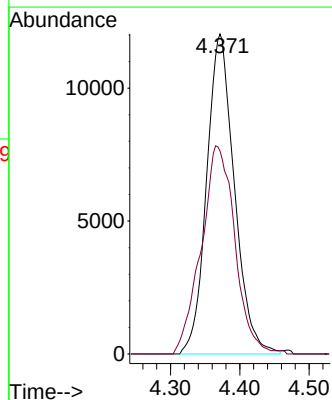
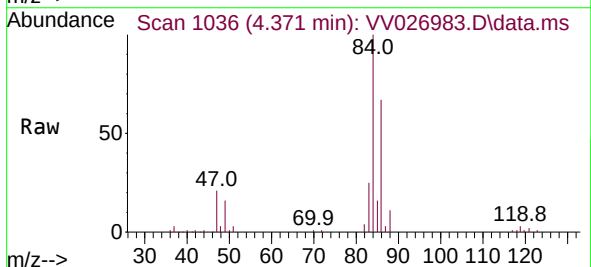
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUG0

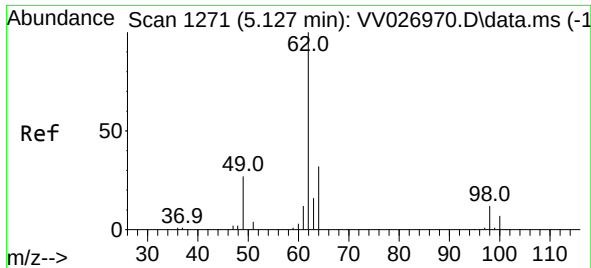
Tgt Ion: 96 Resp: 232574
 Ion Ratio Lower Upper
 96 100
 61 114.0 83.0 154.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 3.951 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VV026983.D
 Acq: 27 Jul 2022 04:34

Tgt Ion: 83 Resp: 33441
 Ion Ratio Lower Upper
 83 100
 85 63.4 45.8 85.0





#27

1,2-Dichloroethane

Concen: 0.706 ug/L

RT: 5.047 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV026983.D

Acq: 27 Jul 2022 04:34

Instrument :

MSVOA_V

ClientSampleId :

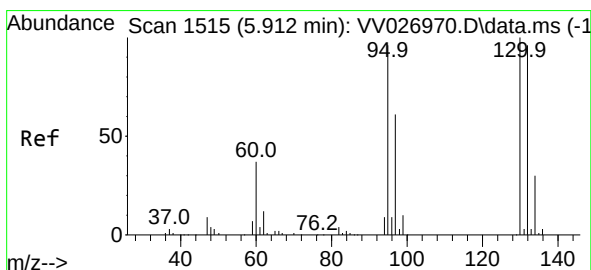
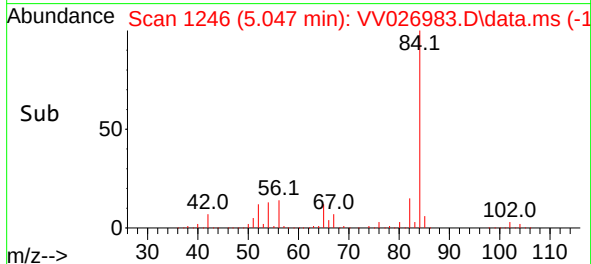
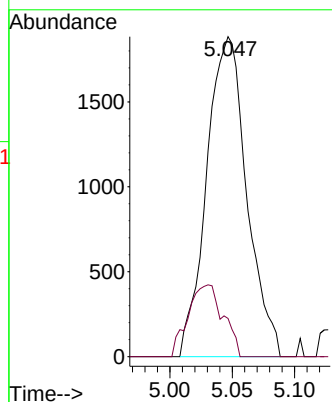
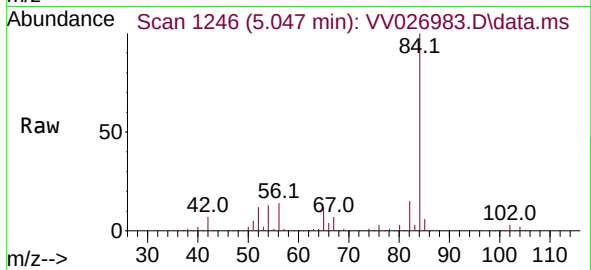
DBUG0

Tgt Ion: 62 Resp: 4214

Ion Ratio Lower Upper

62 100

98 11.9 8.9 13.3



#34

Trichloroethene

Concen: 50.789 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV026983.D

Acq: 27 Jul 2022 04:34

Tgt Ion: 95 Resp: 215031

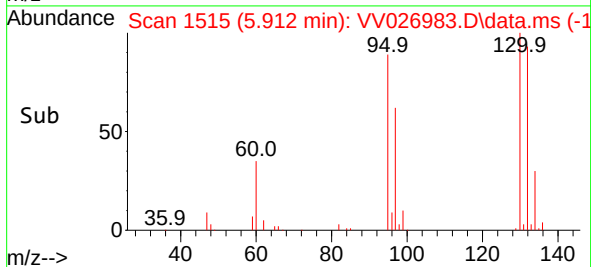
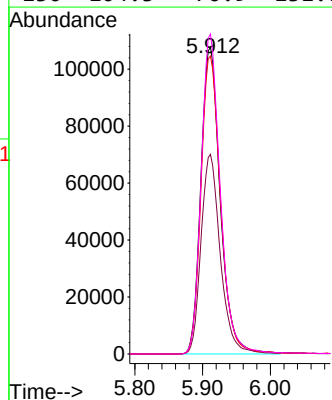
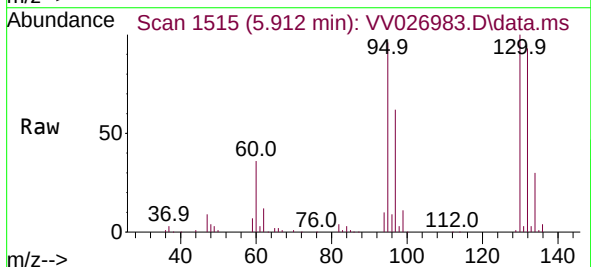
Ion Ratio Lower Upper

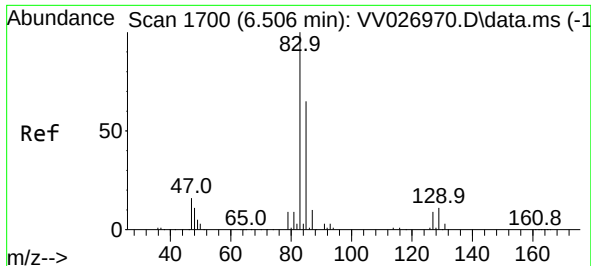
95 100

97 65.1 45.9 85.3

132 97.1 68.1 126.5

130 104.3 70.9 131.7

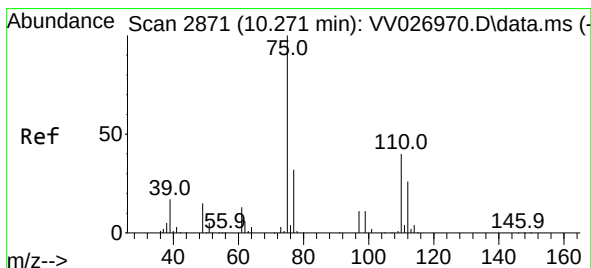
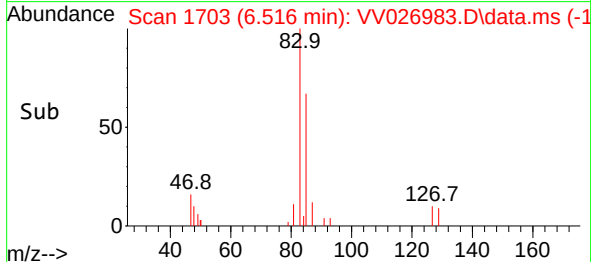
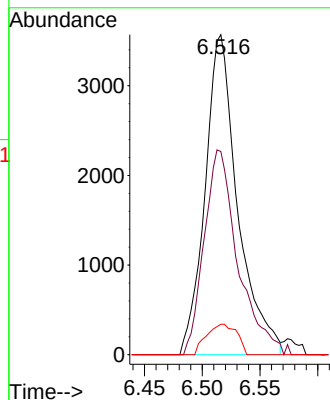
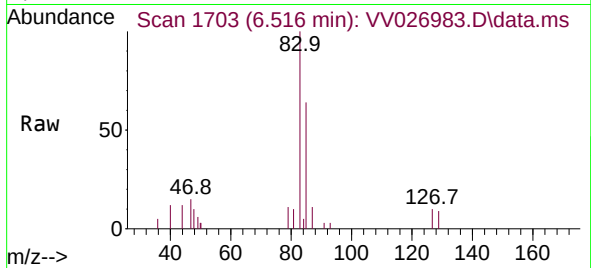




#38
Bromodichloromethane
Concen: 1.206 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026983.D
Acq: 27 Jul 2022 04:34

Instrument :
MSVOA_V
ClientSampleId :
DBUG0

Tgt Ion: 83 Resp: 7012
Ion Ratio Lower Upper
83 100
85 63.5 45.1 83.9
127 9.5 6.9 10.3



#61
1,2,3-Trichloropropane
Concen: 5.662 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026983.D
Acq: 27 Jul 2022 04:34

Tgt Ion: 75 Resp: 25959
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4
110 2.9 31.7 47.5#

