

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090122\
 Data File : VW027689.D
 Acq On : 02 Sep 2022 00:17
 Operator : SY/MD
 Sample : N4400-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 02 01:38:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 00:17:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	128565	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	128265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54472	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58864	4.215	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.200%	
7) Chloroethane-d5	1.568	69	53840	4.607	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.108	63	92519	3.385	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.600%	
20) 2-Butanone-d5	3.896	46	114754	48.595	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.200%	
24) Chloroform-d	4.346	84	126973	4.528	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	5.031	65	60001	4.777	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
32) Benzene-d6	5.047	84	228084	4.341	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.066	67	69770	4.293	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.313	98	179406	3.943	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
43) trans-1,3-Dichloroprop...	7.625	79	20806	4.156	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.200%	
46) 2-Hexanone-d5	8.088	63	81081	43.067	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.140%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42937	4.106	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	63761	5.228	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.600%	
Target Compounds						
					Qvalue	
6) Bromomethane	1.529	94	301	0.040	ug/L #	3
8) Chloroethane	1.658	64	4958	0.556	ug/L #	52
13) Acetone	2.185	43	19209	12.022	ug/L	77
14) Carbon disulfide	2.294	76	11244	0.332	ug/L	98
15) Methyl Acetate	2.185	43	15266	3.601	ug/L #	53
17) Methyl tert-butyl Ether	2.770	73	2772	0.121	ug/L #	87
22) cis-1,2-Dichloroethene	3.912	96	650	0.054	ug/L	79
27) 1,2-Dichloroethane	5.056	62	760	0.056	ug/L #	76
35) Methylcyclohexane	6.066	83	17566	0.920	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8234	0.652	ug/L #	90
39) cis-1,3-Dichloropropene	6.985	75	1454	0.094	ug/L #	57
42) Toluene	7.387	91	79801	1.597	ug/L	99
44) trans-1,3-Dichloropropene	7.619	75	1085	0.086	ug/L #	63
47) Tetrachloroethene	7.976	164	3486	0.350	ug/L	96
49) Dibromochloromethane	7.973	129	3525	0.365	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	6378	1.157	ug/L #	69

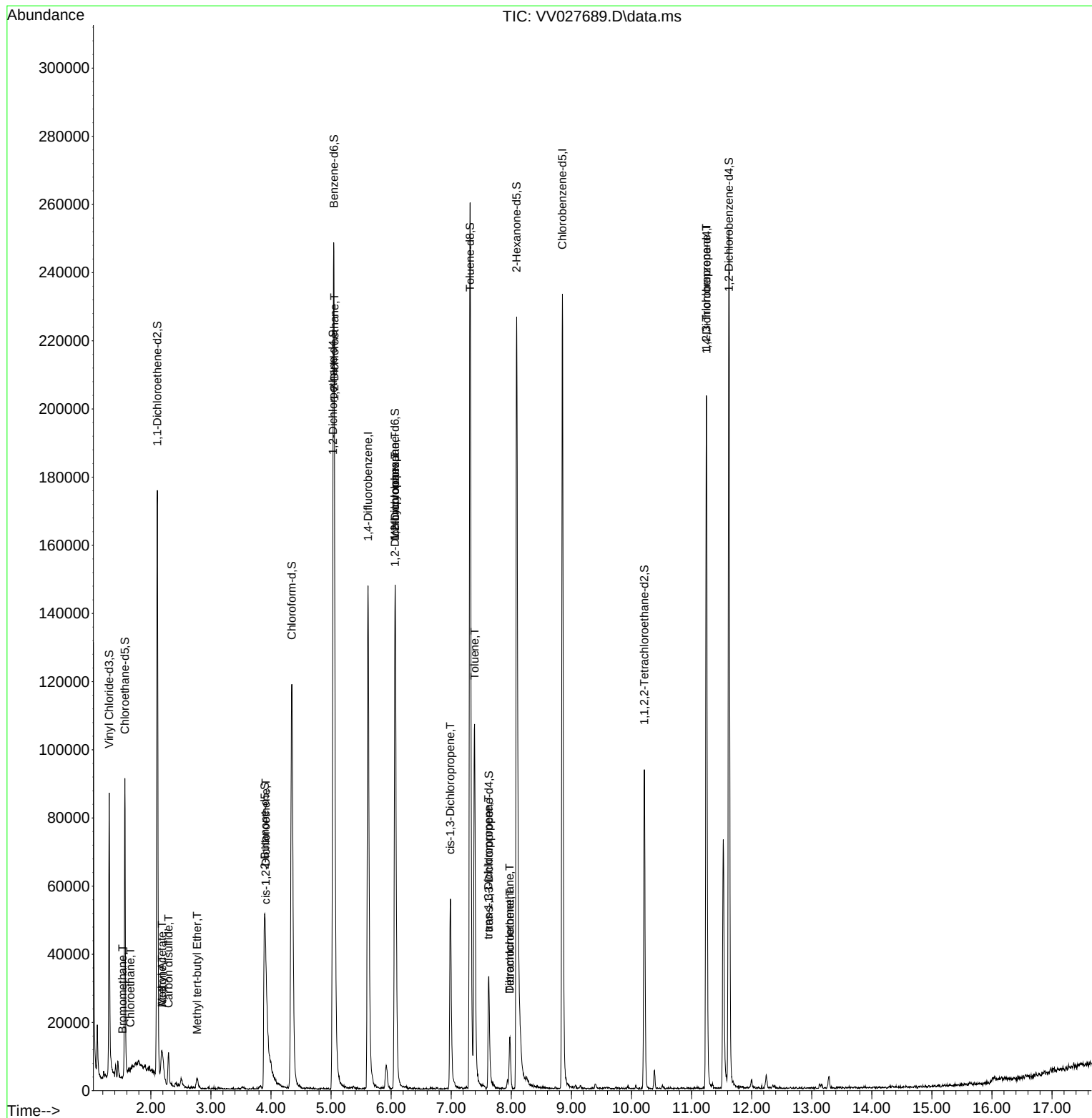
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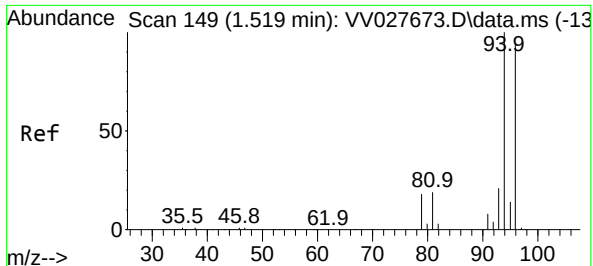
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 02 00:17:48 2022
Response via : Initial Calibration

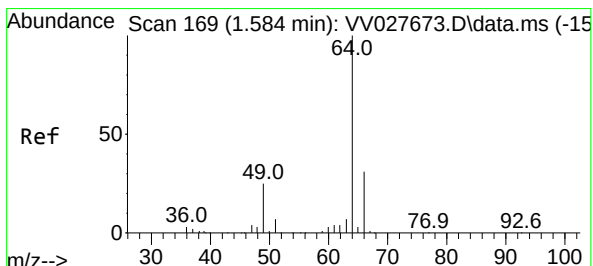
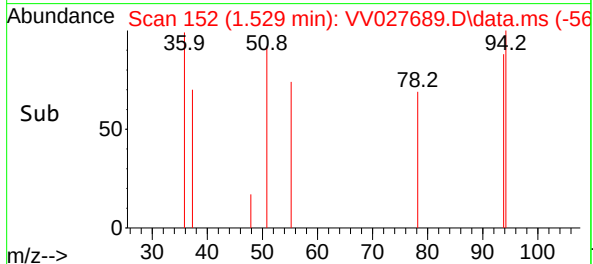
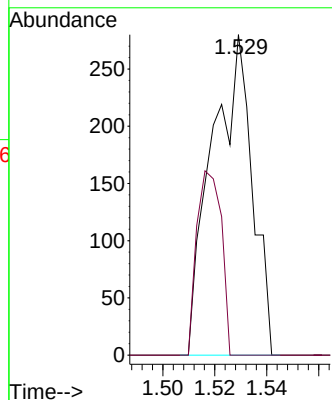
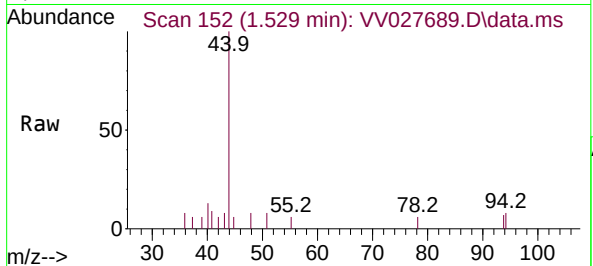




#6
Bromomethane
Concen: 0.040 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027689.D
Acq: 02 Sep 2022 00:17

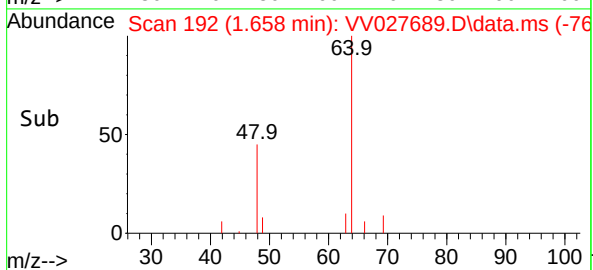
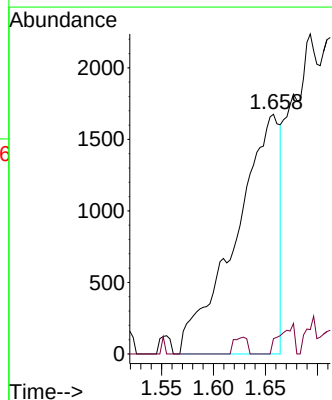
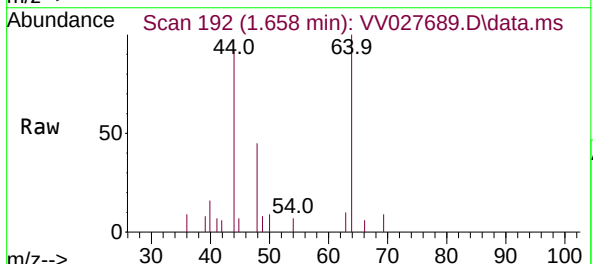
Instrument :
MSVOA_V
ClientSampleId :

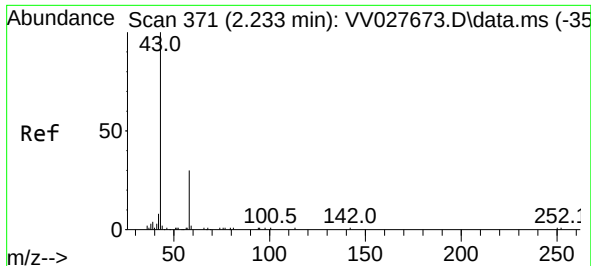
Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 0.0 65.1 120.9#



#8
Chloroethane
Concen: 0.556 ug/L
RT: 1.658 min Scan# 192
Delta R.T. 0.074 min
Lab File: VV027689.D
Acq: 02 Sep 2022 00:17

Tgt Ion: 64 Resp: 4958
Ion Ratio Lower Upper
64 100
66 6.4 24.0 44.6#





#13

Acetone

Concen: 12.022 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.048 min

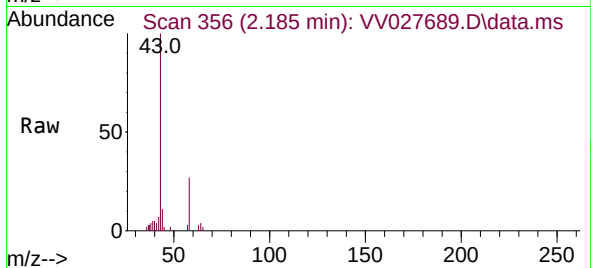
Lab File: VV027689.D

Acq: 02 Sep 2022 00:17

Instrument :

MSVOA_V

ClientSampleId :

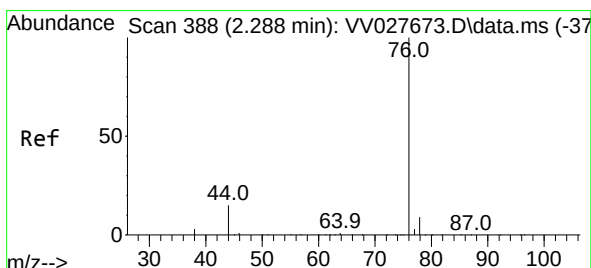
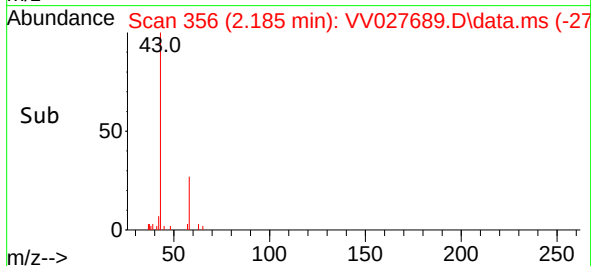
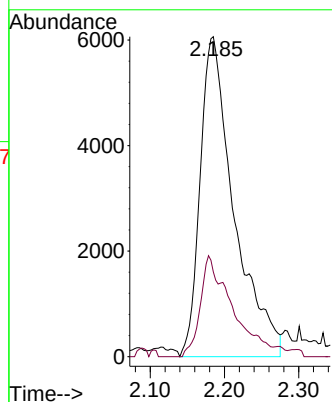


Tgt Ion: 43 Resp: 19209

Ion Ratio Lower Upper

43 100

58 29.7 0.0 38.4



#14

Carbon disulfide

Concen: 0.332 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.006 min

Lab File: VV027689.D

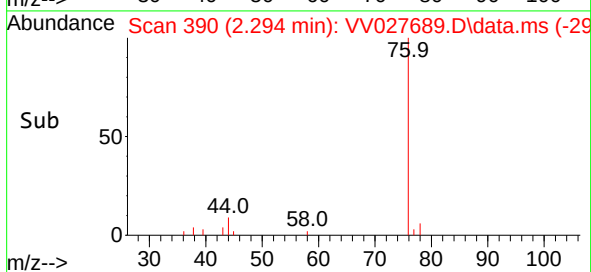
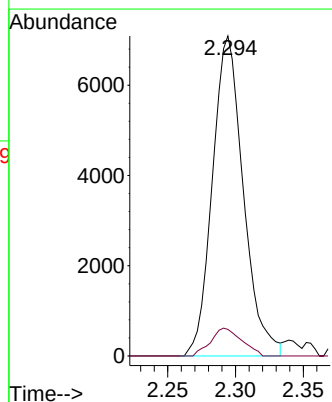
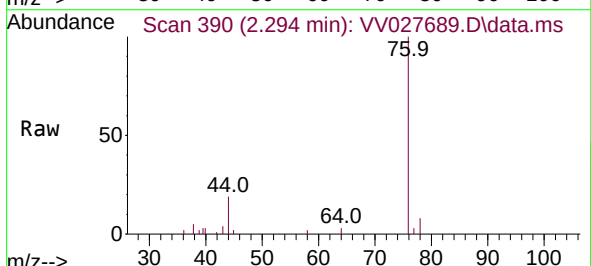
Acq: 02 Sep 2022 00:17

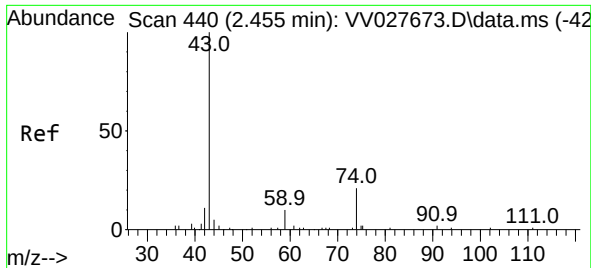
Tgt Ion: 76 Resp: 11244

Ion Ratio Lower Upper

76 100

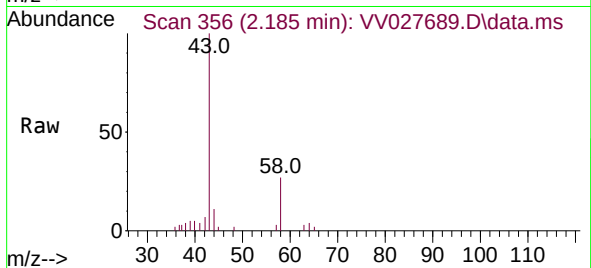
78 8.3 7.4 11.0



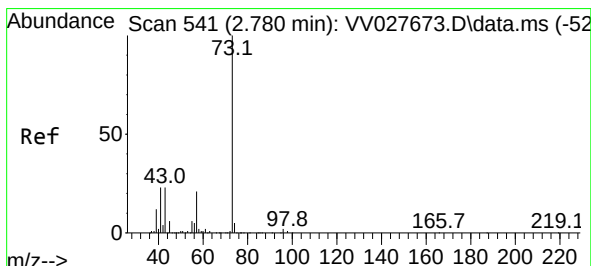
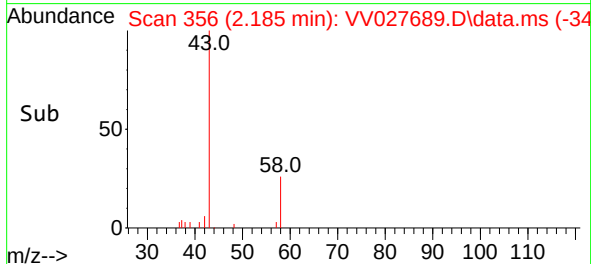
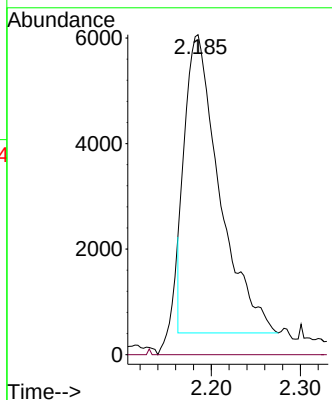


#15
Methyl Acetate
Concen: 3.601 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.270 min
Lab File: VV027689.D
Acq: 02 Sep 2022 00:17

Instrument :
MSVOA_V
ClientSampleId :

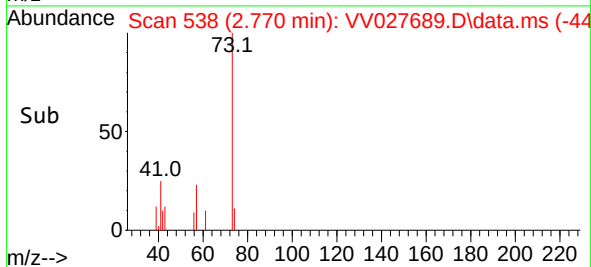
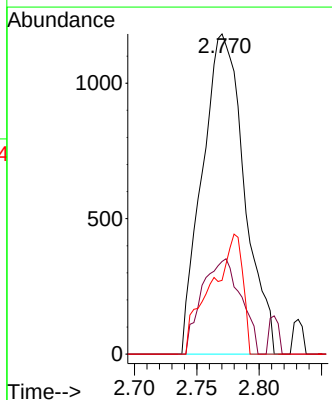
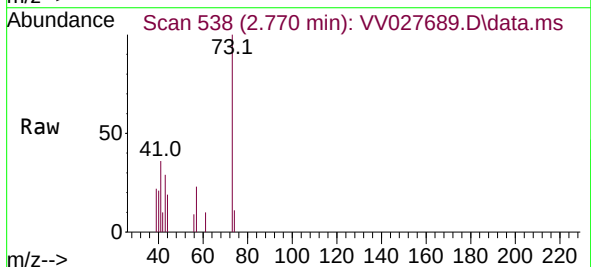


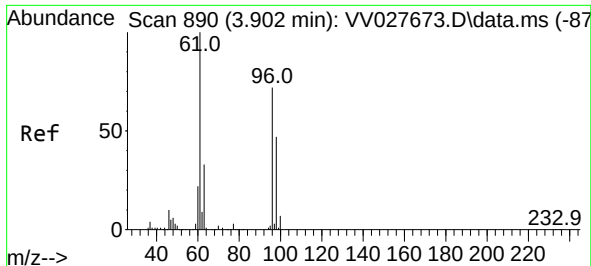
Tgt Ion: 43 Resp: 15266
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#17
Methyl tert-butyl Ether
Concen: 0.121 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.010 min
Lab File: VV027689.D
Acq: 02 Sep 2022 00:17

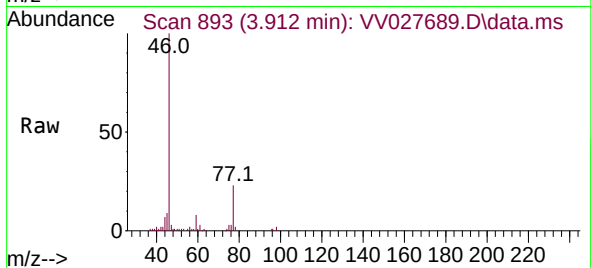
Tgt Ion: 73 Resp: 2772
Ion Ratio Lower Upper
73 100
43 27.7 16.5 24.7#
57 28.3 18.2 27.2#



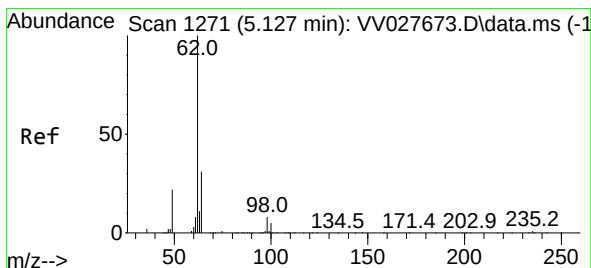
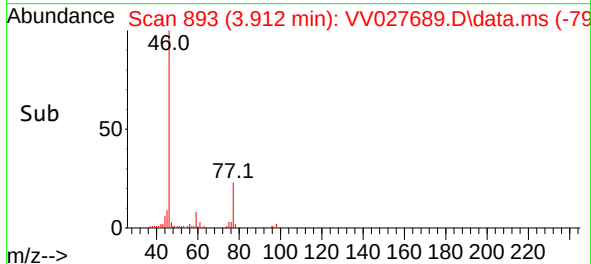
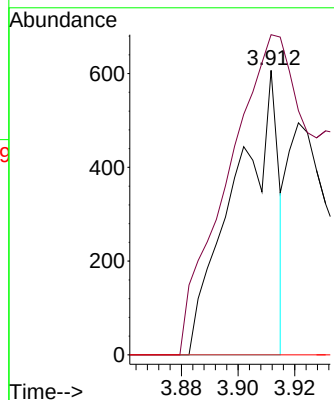


#22
 cis-1,2-Dichloroethene
 Concen: 0.054 ug/L
 RT: 3.912 min Scan# 890
 Delta R.T. 0.010 min
 Lab File: VV027689.D
 Acq: 02 Sep 2022 00:17

Instrument :
 MSVOA_V
 ClientSampleId :

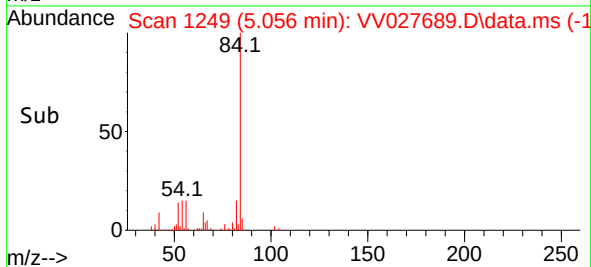
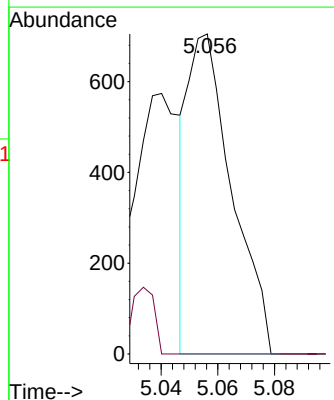
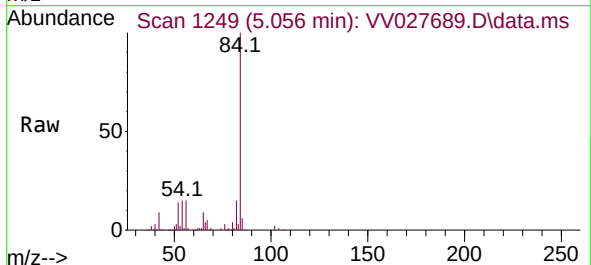


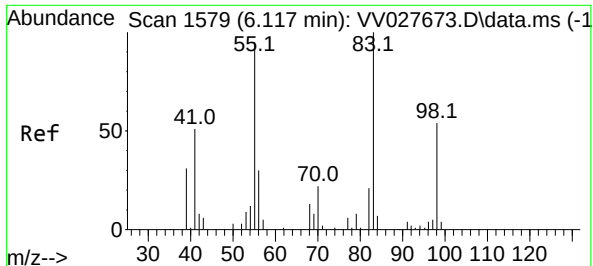
Tgt Ion: 96 Resp: 650
 Ion Ratio Lower Upper
 96 100
 61 112.5 96.9 180.1
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.056 ug/L
 RT: 5.056 min Scan# 1249
 Delta R.T. -0.071 min
 Lab File: VV027689.D
 Acq: 02 Sep 2022 00:17

Tgt Ion: 62 Resp: 760
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.6#





#35

Methylcyclohexane

Concen: 0.920 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.051 min

Lab File: VV027689.D

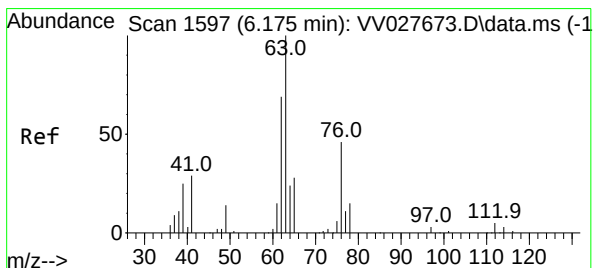
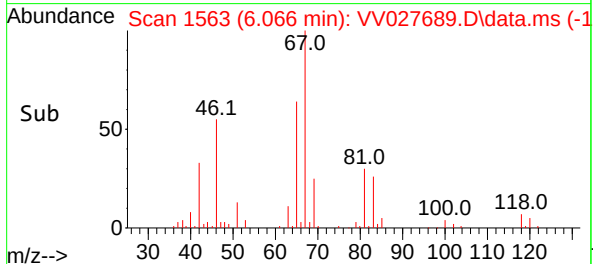
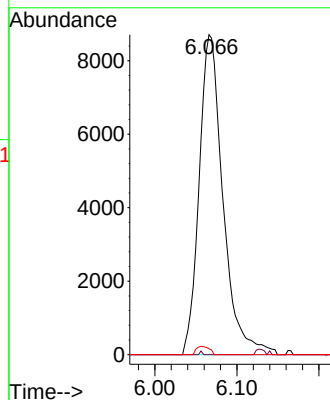
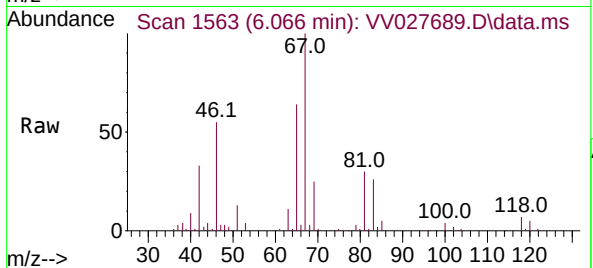
Acq: 02 Sep 2022 00:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 17566
Ion Ratio	Lower Upper
83 100	
55 0.1	66.0 99.0#
98 1.4	36.9 55.3#



#37

1,2-Dichloropropane

Concen: 0.652 ug/L

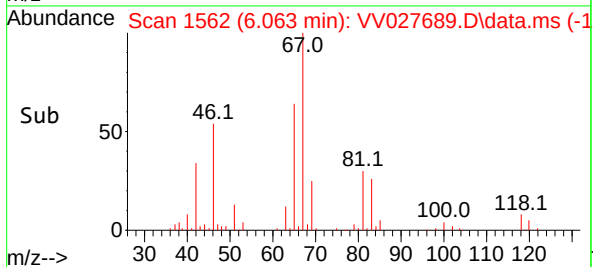
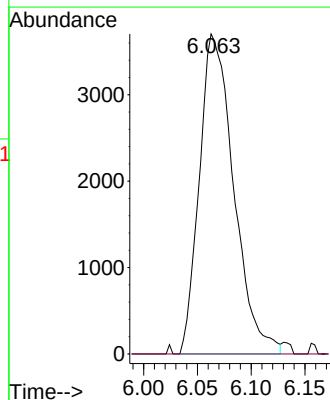
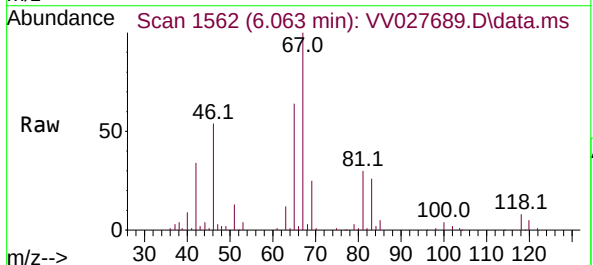
RT: 6.063 min Scan# 1562

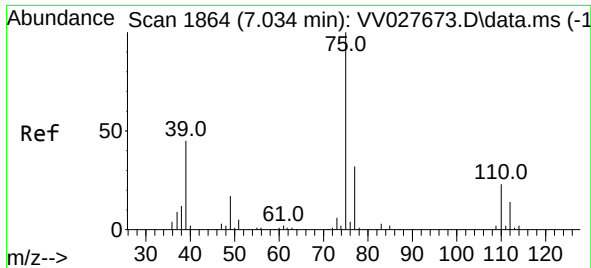
Delta R.T. -0.113 min

Lab File: VV027689.D

Acq: 02 Sep 2022 00:17

Tgt Ion: 63	Resp: 8234
Ion Ratio	Lower Upper
63 100	
112 0.2	2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.985 min Scan# 1864

Delta R.T. -0.048 min

Lab File: VV027689.D

Acq: 02 Sep 2022 00:17

Instrument :

MSVOA_V

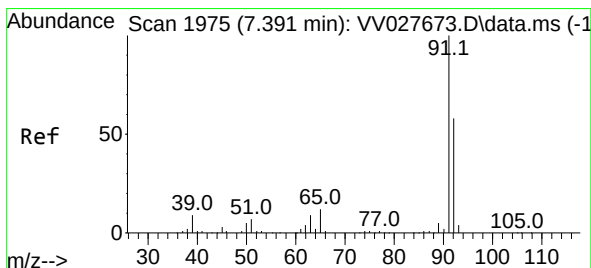
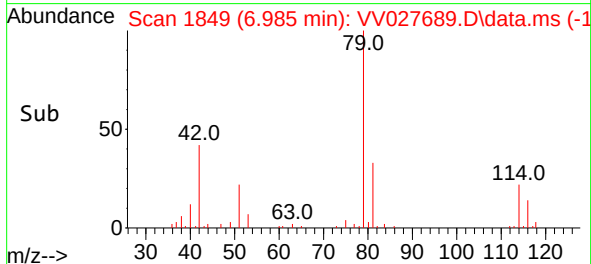
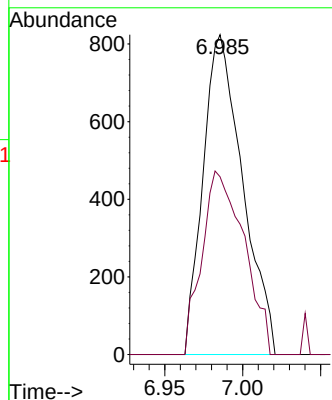
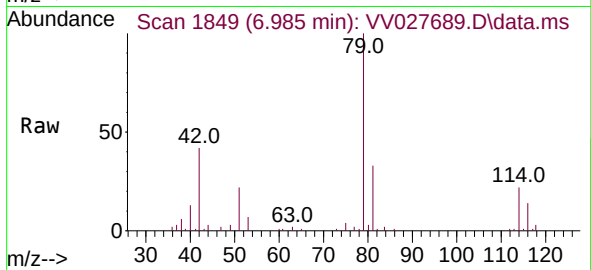
ClientSampleId :

Tgt Ion: 75 Resp: 1454

Ion Ratio Lower Upper

75 100

77 55.6 22.3 41.3#



#42

Toluene

Concen: 1.597 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV027689.D

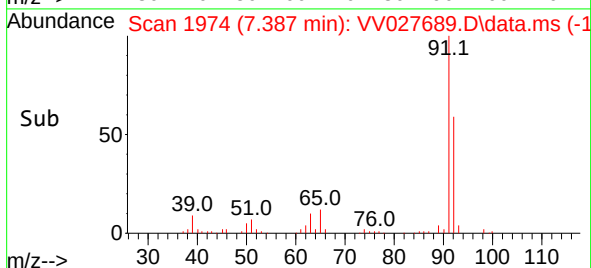
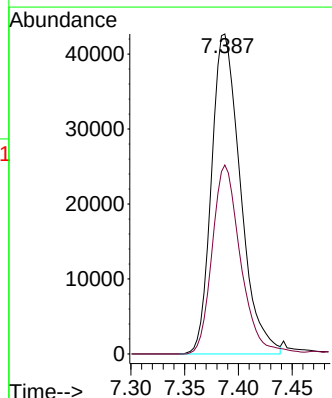
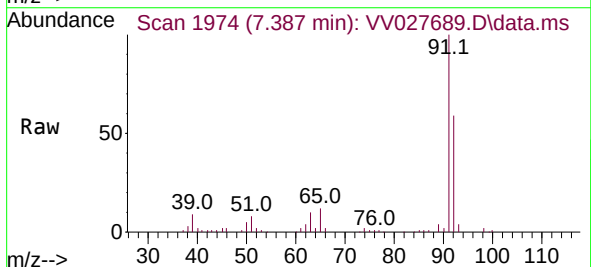
Acq: 02 Sep 2022 00:17

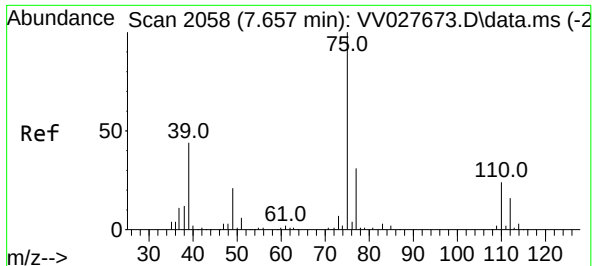
Tgt Ion: 91 Resp: 79801

Ion Ratio Lower Upper

91 100

92 59.1 40.6 75.4

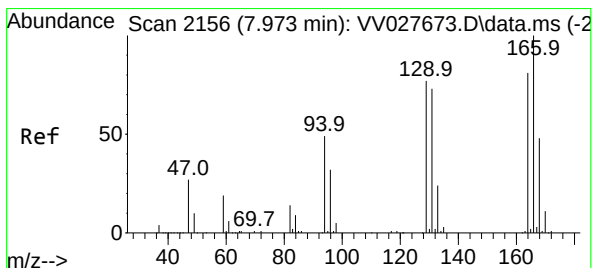
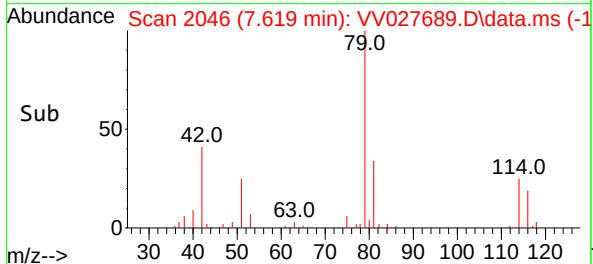
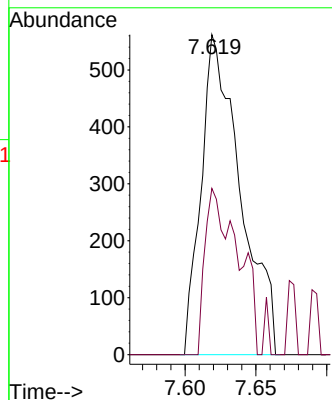
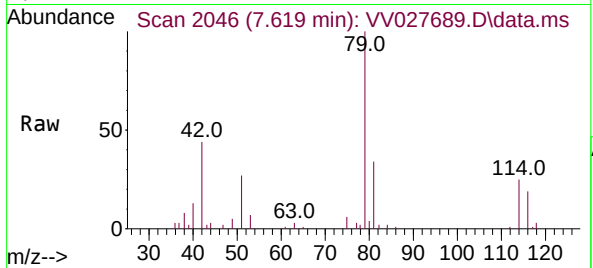




#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.039 min
Lab File: VV027689.D
Acq: 02 Sep 2022 00:17

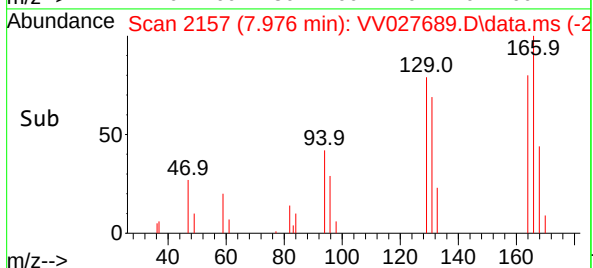
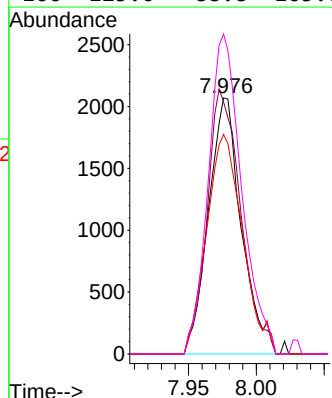
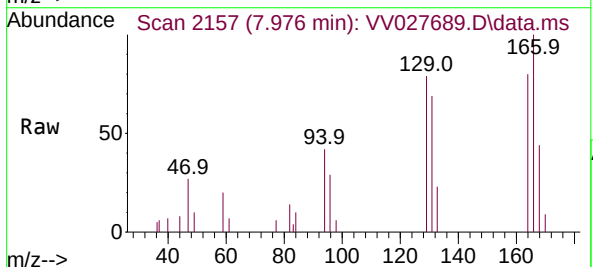
Instrument :
MSVOA_V
ClientSampleId :

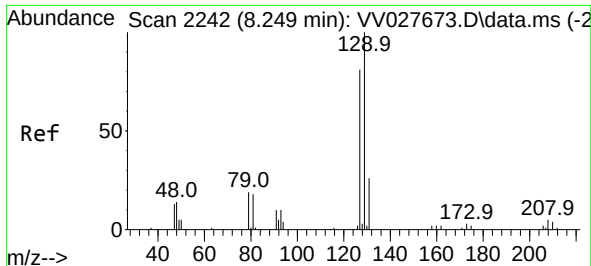
Tgt Ion: 75 Resp: 1085
Ion Ratio Lower Upper
75 100
77 52.0 22.0 41.0#



#47
Tetrachloroethene
Concen: 0.350 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027689.D
Acq: 02 Sep 2022 00:17

Tgt Ion: 164 Resp: 3486
Ion Ratio Lower Upper
164 100
129 98.6 65.9 122.3
131 85.7 64.5 119.7
166 125.0 88.8 165.0





#49

Dibromochloromethane

Concen: 0.365 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.277 min

Lab File: VV027689.D

Acq: 02 Sep 2022 00:17

Instrument :

MSVOA_V

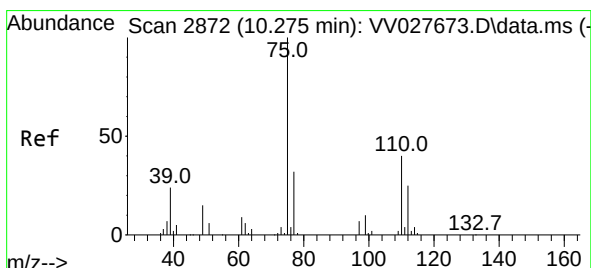
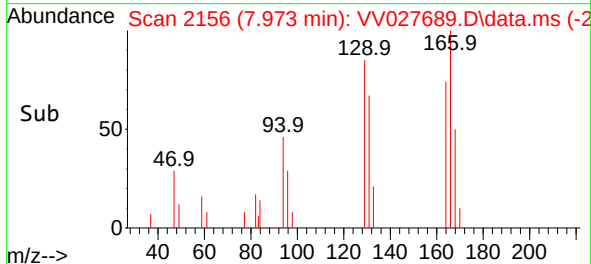
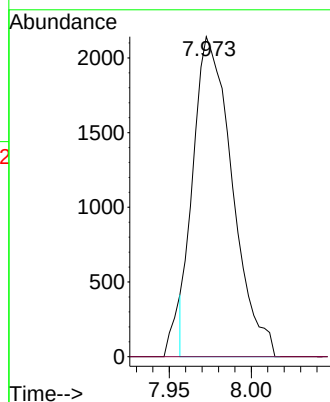
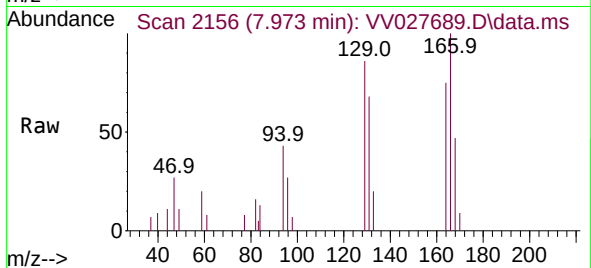
ClientSampleId :

Tgt Ion:129 Resp: 3525

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.157 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV027689.D

Acq: 02 Sep 2022 00:17

Tgt Ion: 75 Resp: 6378

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

110 4.1 29.8 44.8#

