

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006963.D
 Acq On : 06 Dec 2021 16:13
 Operator : SY/MD
 Sample : M4887-06
 Misc : 5.16g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:47:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

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

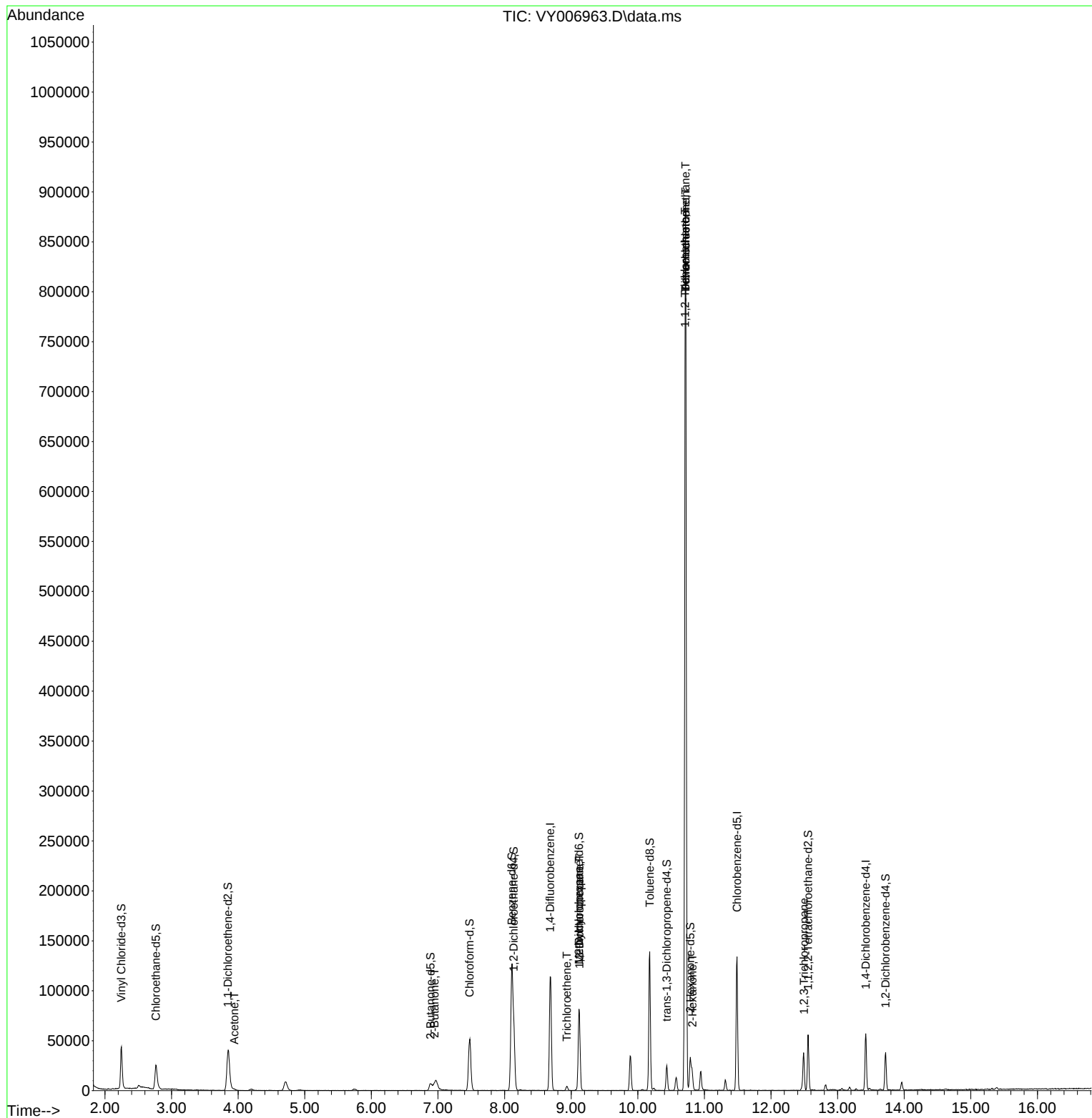
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	94694	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	65644	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	13645	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	45274	37.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	148.480%
7) Chloroethane-d5	2.765	69	30533	31.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.640%
11) 1,1-Dichloroethene-d2	3.844	63	43879	17.306	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.240%
21) 2-Butanone-d5	6.887	46	11625	24.679	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.360%
24) Chloroform-d	7.472	84	50679	21.475	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.920%
26) 1,2-Dichloroethane-d4	8.136	65	39049	27.567	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.280%
32) Benzene-d6	8.106	84	110354	31.648	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.600%
36) 1,2-Dichloropropane-d6	9.118	67	38299	34.957	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	139.840%#
41) Toluene-d8	10.179	98	84363	25.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.320%
43) trans-1,3-Dichloroprop...	10.435	79	12128	22.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.560%
47) 2-Hexanone-d5	10.788	63	8863	34.953	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.900%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	25064	27.460	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.840%
66) 1,2-Dichlorobenzene-d4	13.721	152	8803	19.783	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.120%
Target Compounds						Qvalue
13) Acetone	3.942	43	2531	5.863	ug/L	97
22) 2-Butanone	6.948	43	9768	16.175	ug/L #	49
34) Trichloroethene	8.935	95	1335	1.228	ug/L	84
35) Methylcyclohexane	9.118	83	8581	4.405	ug/L #	17
37) 1,2-Dichloropropane	9.124	63	4284	3.787	ug/L #	87
45) 1,1,2-Trichloroethane	10.709	97	1658	1.989	ug/L #	12
46) Tetrachloroethene	10.715	164	177523	194.922	ug/L	96
48) 2-Hexanone	10.819	43	12803	19.661	ug/L #	44
49) Dibromochloromethane	10.715	129	152802	150.636	ug/L #	13
61) 1,2,3-Trichloropropane	12.495	75	350	1.055	ug/L #	39

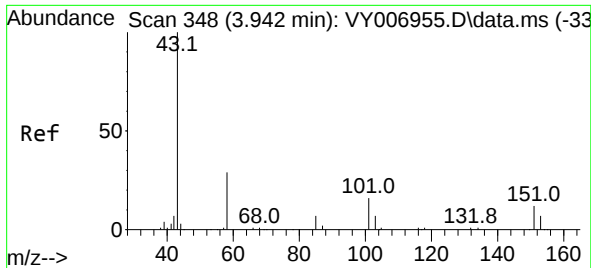
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 07 00:43:47 2021
Response via : Initial Calibration





#13

Acetone

Concen: 5.863 ug/L

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY006963.D

Acq: 06 Dec 2021 16:13

Instrument :

MSVOA_Y

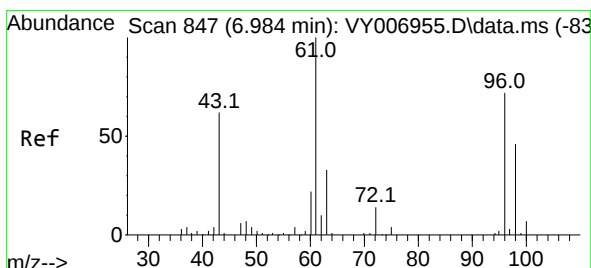
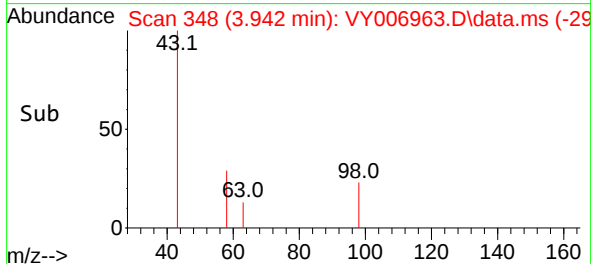
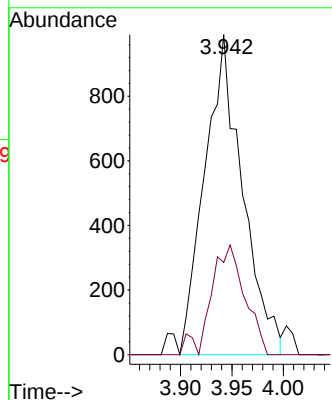
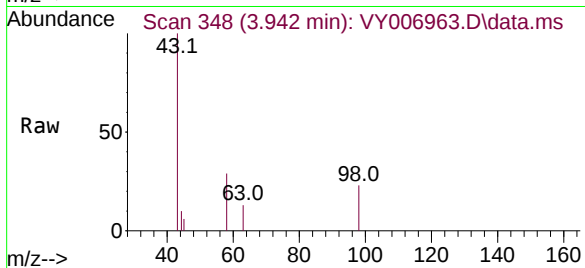
ClientSampleId :

Tgt Ion: 43 Resp: 2531

Ion Ratio Lower Upper

43 100

58 29.0 0.0 60.8



#22

2-Butanone

Concen: 16.175 ug/L

RT: 6.948 min Scan# 841

Delta R.T. -0.037 min

Lab File: VY006963.D

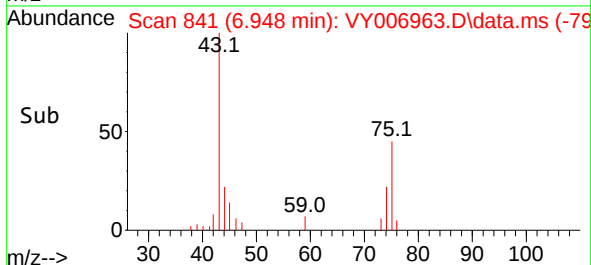
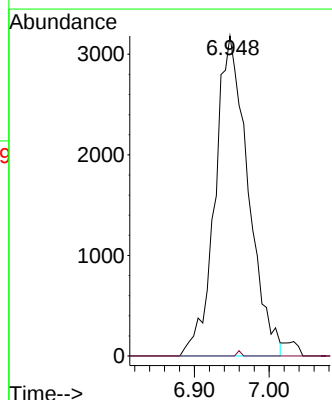
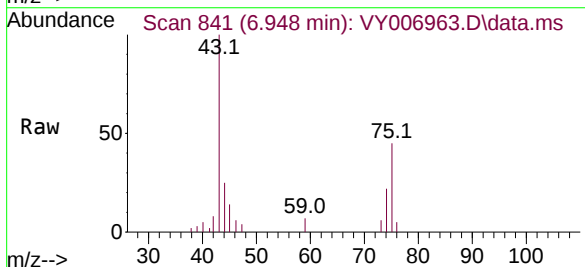
Acq: 06 Dec 2021 16:13

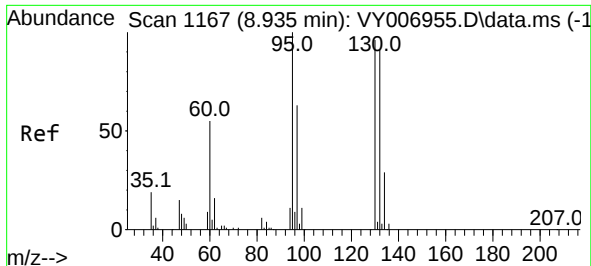
Tgt Ion: 43 Resp: 9768

Ion Ratio Lower Upper

43 100

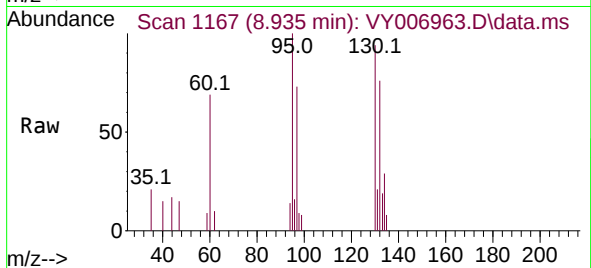
72 0.0 12.9 38.6#



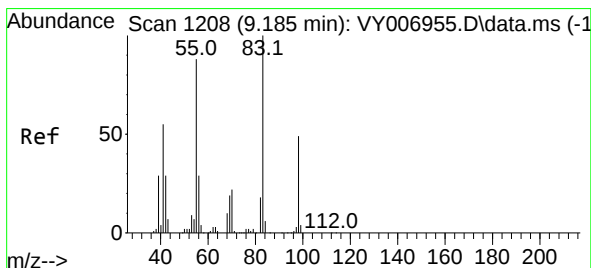
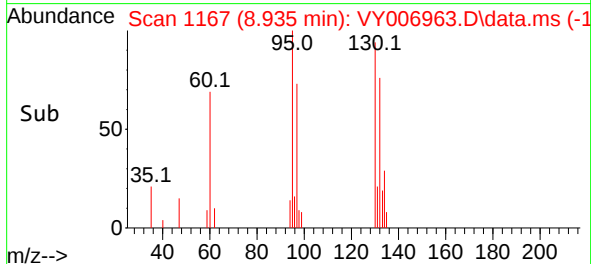
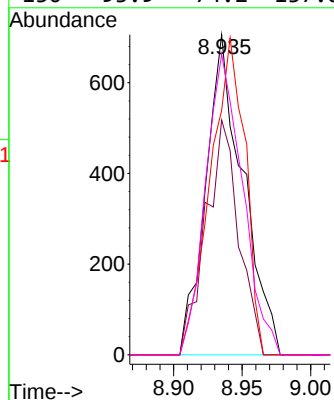


#34
Trichloroethene
Concen: 1.228 ug/L
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY006963.D
Acq: 06 Dec 2021 16:13

Instrument :
MSVOA_Y
ClientSampleId :

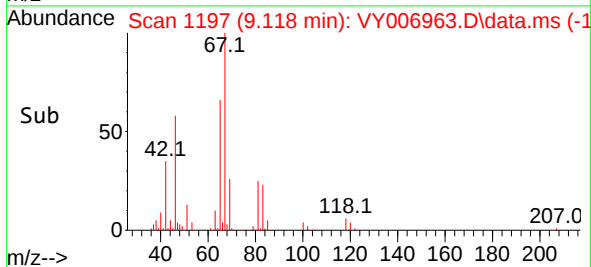
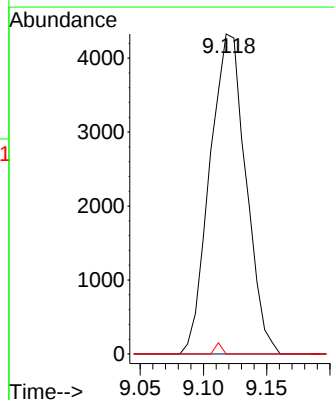
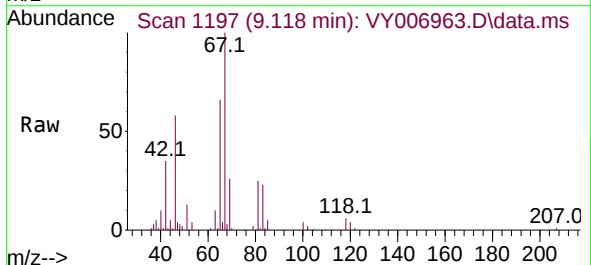


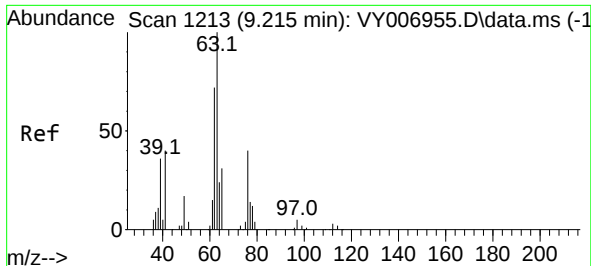
Tgt Ion:	95	Resp:	1335
Ion	Ratio	Lower	Upper
95	100		
97	73.4	47.3	87.8
132	76.3	71.3	132.5
130	93.9	74.2	137.8



#35
Methylcyclohexane
Concen: 4.405 ug/L
RT: 9.118 min Scan# 1197
Delta R.T. -0.067 min
Lab File: VY006963.D
Acq: 06 Dec 2021 16:13

Tgt Ion:	83	Resp:	8581
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.6	39.1	58.7#





#37

1,2-Dichloropropane

Concen: 3.787 ug/L

RT: 9.124 min Scan# 1198

Delta R.T. -0.091 min

Lab File: VY006963.D

Acq: 06 Dec 2021 16:13

Instrument :

MSVOA_Y

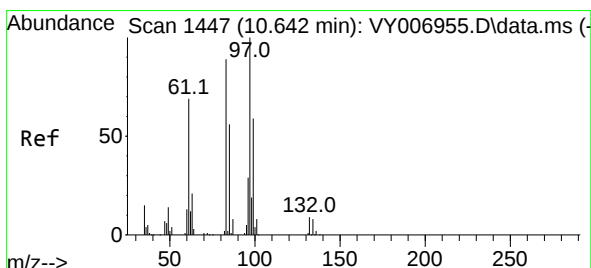
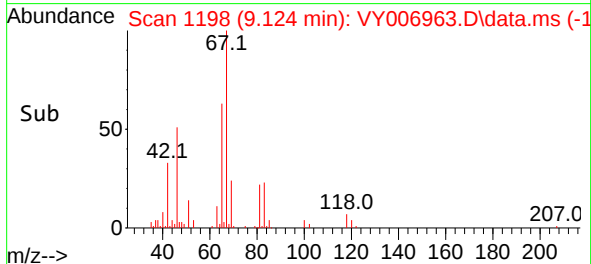
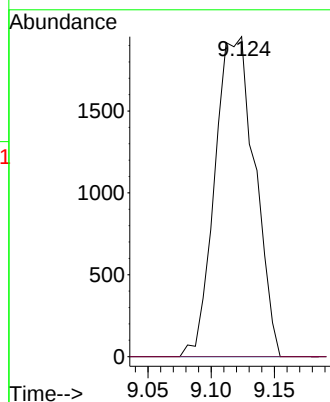
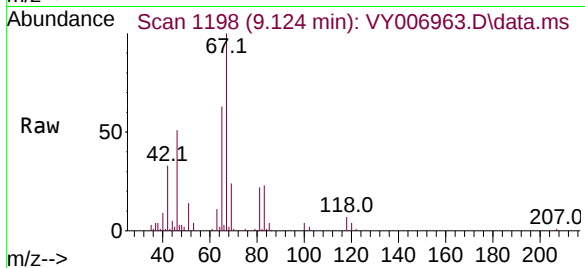
ClientSampleId :

Tgt Ion: 63 Resp: 4284

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#45

1,1,2-Trichloroethane

Concen: 1.989 ug/L

RT: 10.709 min Scan# 1458

Delta R.T. 0.067 min

Lab File: VY006963.D

Acq: 06 Dec 2021 16:13

Tgt Ion: 97 Resp: 1658

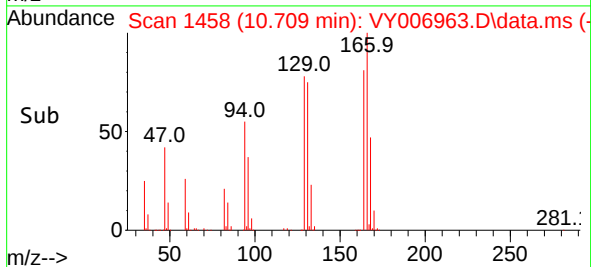
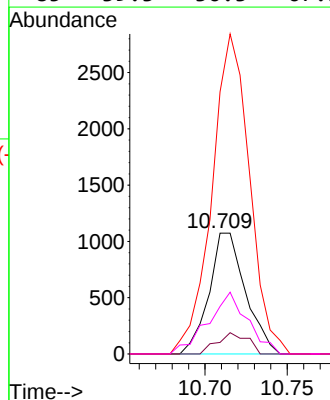
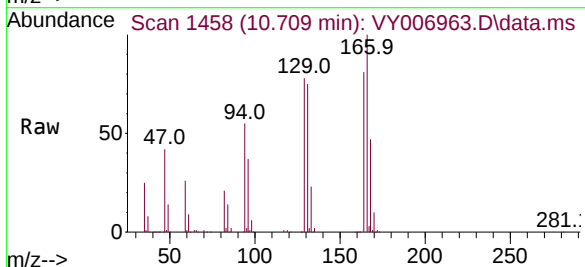
Ion Ratio Lower Upper

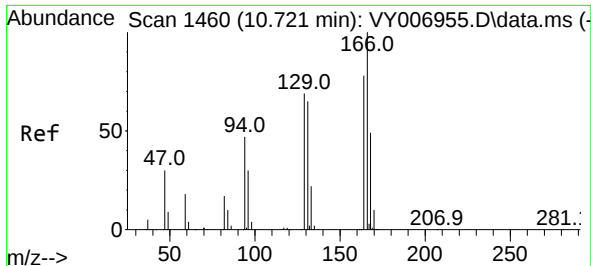
97 100

99 9.5 43.0 79.8#

83 216.8 58.9 109.3#

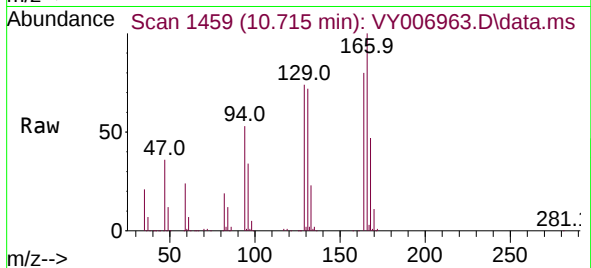
85 39.3 36.3 67.3



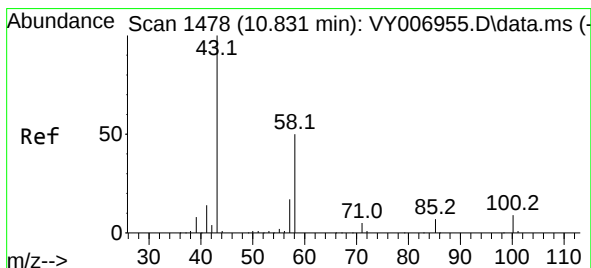
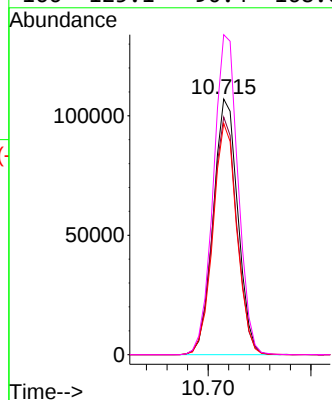
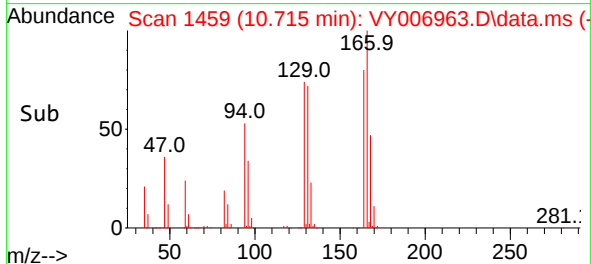


#46
Tetrachloroethene
Concen: 194.922 ug/L
RT: 10.715 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY006963.D
Acq: 06 Dec 2021 16:13

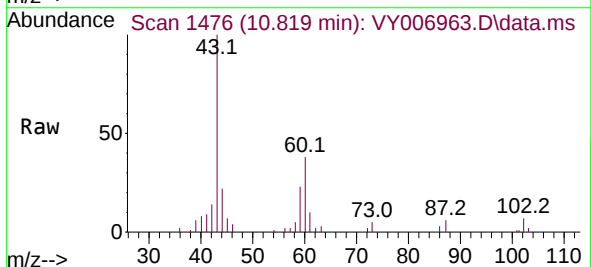
Instrument :
MSVOA_Y
ClientSampleId :



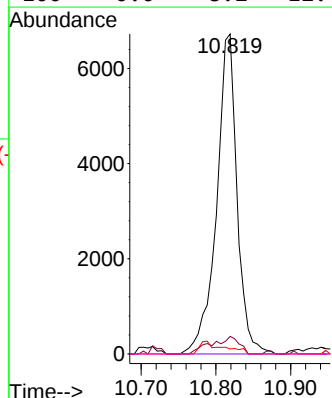
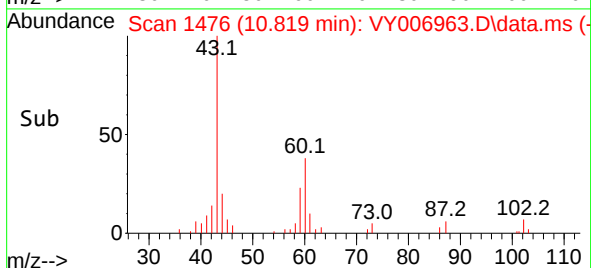
Tgt Ion:164 Resp: 177523
Ion Ratio Lower Upper
164 100
129 92.9 62.1 115.3
131 90.4 61.0 113.2
166 125.1 90.4 168.0

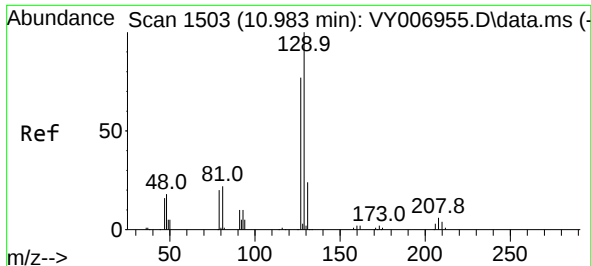


#48
2-Hexanone
Concen: 19.661 ug/L
RT: 10.819 min Scan# 1476
Delta R.T. -0.012 min
Lab File: VY006963.D
Acq: 06 Dec 2021 16:13



Tgt Ion: 43 Resp: 12803
Ion Ratio Lower Upper
43 100
58 3.8 39.9 59.9#
57 0.0 14.2 21.4#
100 0.0 8.2 12.4#





#49

Dibromochloromethane

Concen: 150.636 ug/L

RT: 10.715 min Scan# 1459

Delta R.T. -0.268 min

Lab File: VY006963.D

Acq: 06 Dec 2021 16:13

Instrument :

MSVOA_Y

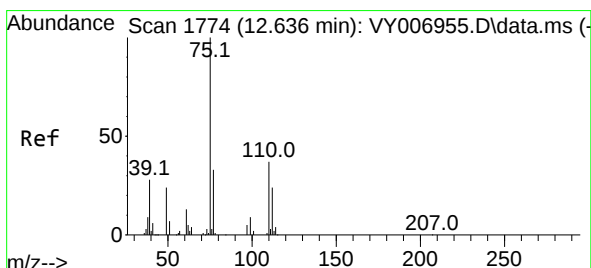
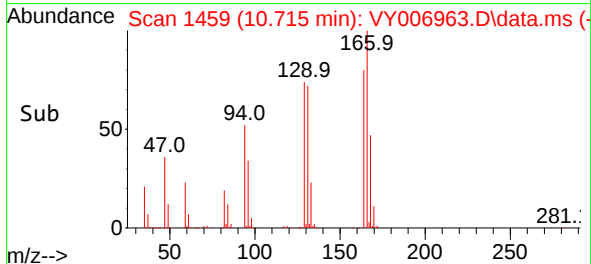
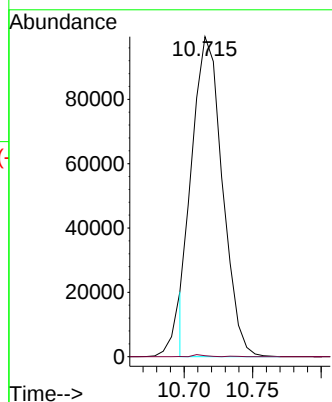
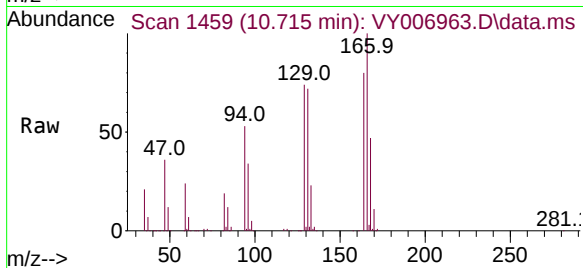
ClientSampleId :

Tgt Ion:129 Resp: 152802

Ion Ratio Lower Upper

129 100

127 0.3 52.1 96.9#



#61

1,2,3-Trichloropropane

Concen: 1.055 ug/L

RT: 12.495 min Scan# 1751

Delta R.T. -0.140 min

Lab File: VY006963.D

Acq: 06 Dec 2021 16:13

Tgt Ion: 75 Resp: 350

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

110 0.0 31.7 47.5#

