

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
 Data File : VX026034.D
 Acq On : 25 Dec 2021 15:01
 Operator : JC/MD
 Sample : M5214-08ME
 Misc : 6.18G/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGLF5ME

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/31/2021
 Supervised By : Mahesh Dadoda 01/02/2022

Quant Time: Dec 27 05:14:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	246222	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	223192	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111786	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	72420	41.476	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	82.960%	
7) Chloroethane-d5	1.648	69	37392	26.797	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	53.600%#	
11) 1,1-Dichloroethene-d2	2.282	63	140777	40.686	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.380%	
21) 2-Butanone-d5	4.489	46	96927m	64.029	ug/L	0.03
Spiked Amount	100.000	Range 40 - 130	Recovery	=	64.030%	
24) Chloroform-d	5.062	84	133205	38.122	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	76.240%	
26) 1,2-Dichloroethane-d4	5.958	65	107544	45.458	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.920%	
32) Benzene-d6	5.970	84	317880	49.481	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.960%	
36) 1,2-Dichloropropane-d6	7.312	67	100906	50.530	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.060%	
41) Toluene-d8	8.647	98	285210	47.549	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.100%	
43) trans-1,3-Dichloroprop...	8.952	79	35156	40.464	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.920%	
47) 2-Hexanone-d5	9.397	63	104123	101.030	ug/L	0.01
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.030%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	141479	48.048	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.100%	
66) 1,2-Dichlorobenzene-d4	12.323	152	117227	55.495	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	110.980%	
Target Compounds						
12) 1,1-Dichloroethene	2.294	96	45801	27.681	ug/L #	60
19) 1,1-Dichloroethane	3.605	63	86883	26.146	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	3713	1.888	ug/L	98
25) Chloroform	5.092	83	20681	5.965	ug/L	99
34) Trichloroethene	7.123	95	127586	70.377	ug/L	93
42) Toluene	8.720	91	7093	0.940	ug/L	94
46) Tetrachloroethene	9.275	164	139629	100.958	ug/L	97

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

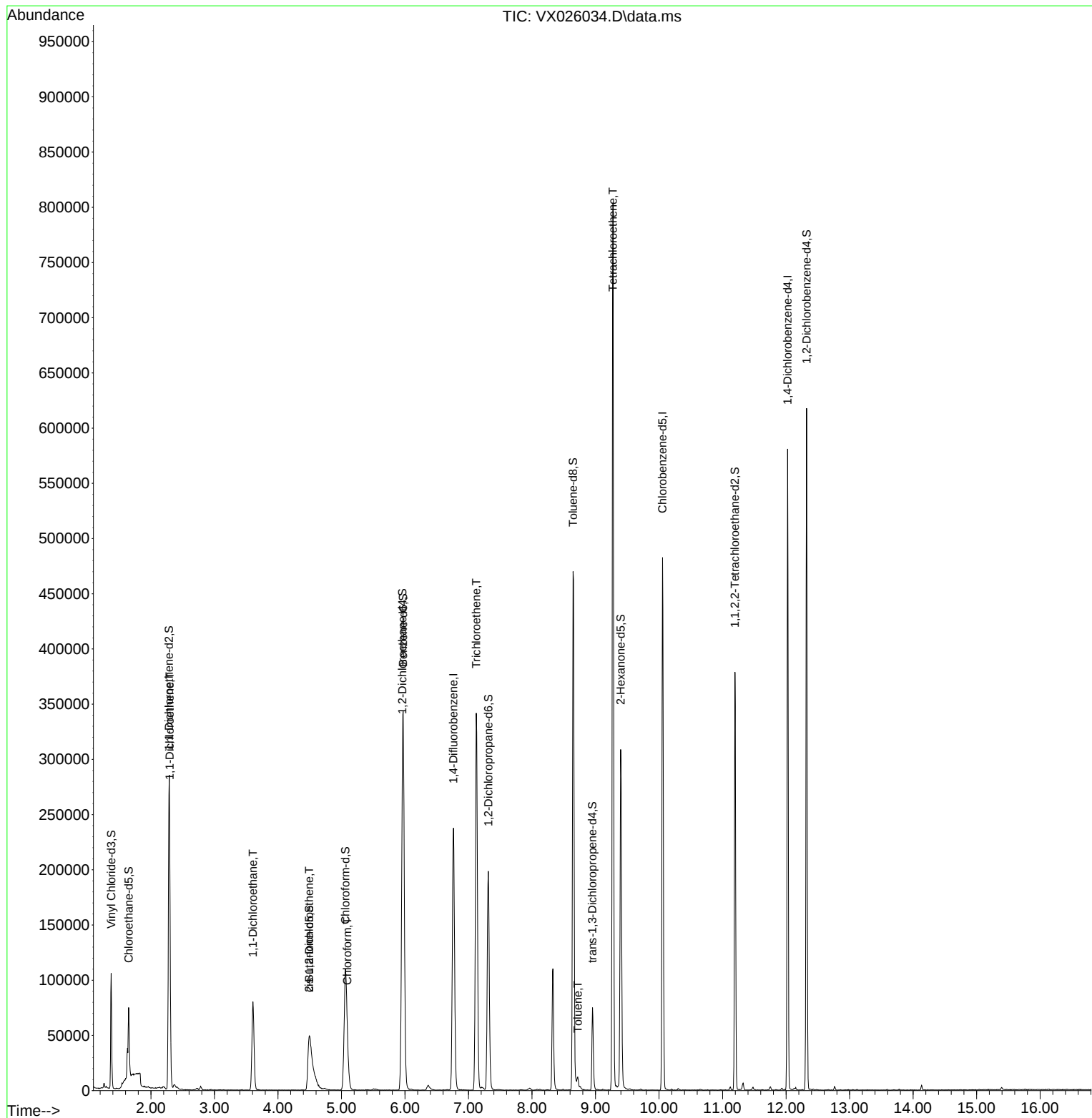
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
Data File : VX026034.D
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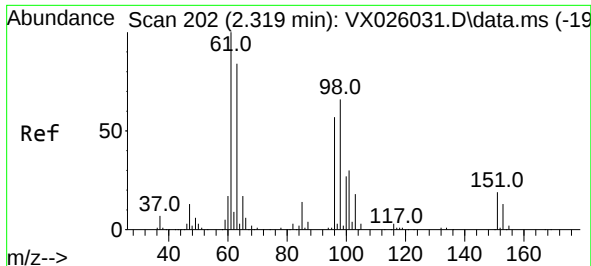
Instrument :
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ClientSampleId :
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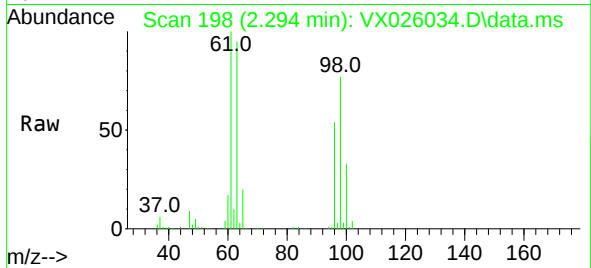
Quant Time: Dec 27 05:14:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration





#12
1,1-Dichloroethene
Concen: 27.681 ug/L
RT: 2.294 min Scan# 198
Delta R.T. -0.031 min
Lab File: VX026034.D
Acq: 25 Dec 2021 15:01

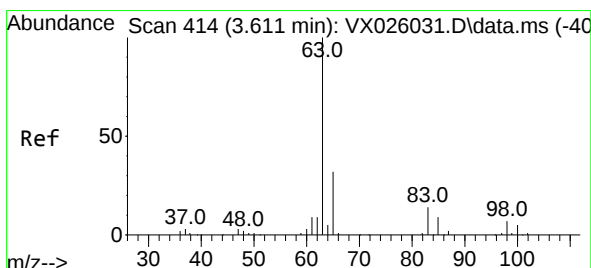
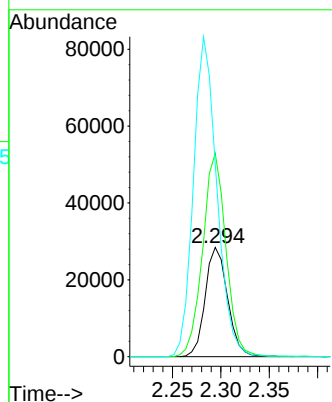
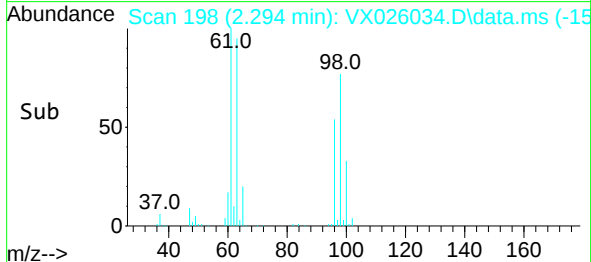
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ClientSampleId :
BGLF5ME



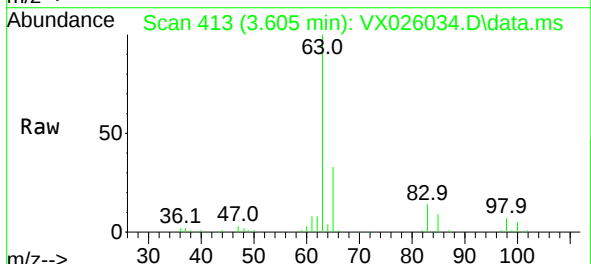
Tgt Ion: 96 Resp: 4580
Ion Ratio Lower Upper
96 100
61 186.1 108.7 201.9
63 176.4 76.3 141.7

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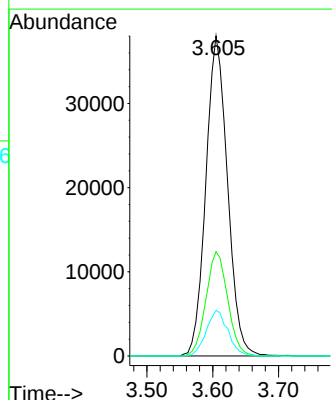
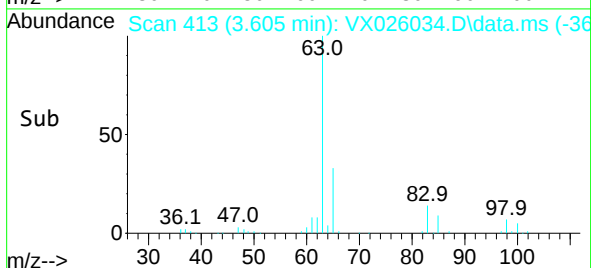
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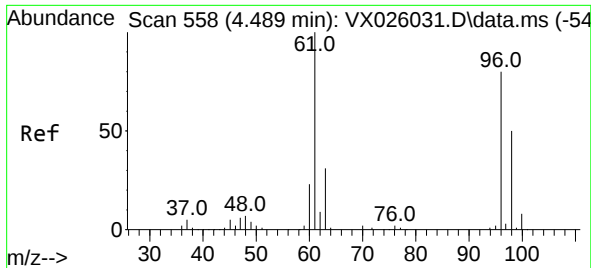


#19
1,1-Dichloroethane
Concen: 26.146 ug/L
RT: 3.605 min Scan# 413
Delta R.T. -0.012 min
Lab File: VX026034.D
Acq: 25 Dec 2021 15:01



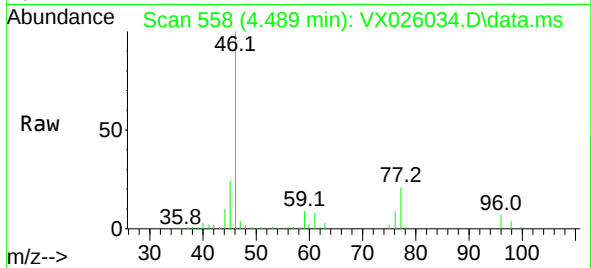
Tgt Ion: 63 Resp: 86883
Ion Ratio Lower Upper
63 100
65 32.6 22.2 41.2
83 14.3 10.2 19.0





#20
cis-1,2-Dichloroethene
Concen: 1.888 ug/L
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX026034.D
Acq: 25 Dec 2021 15:01

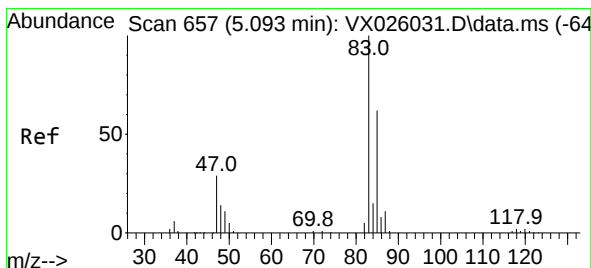
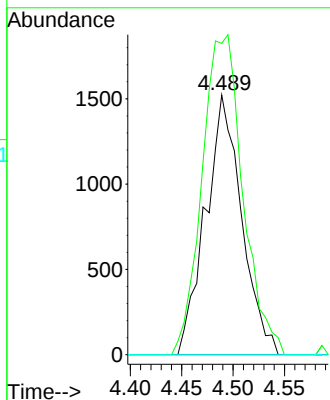
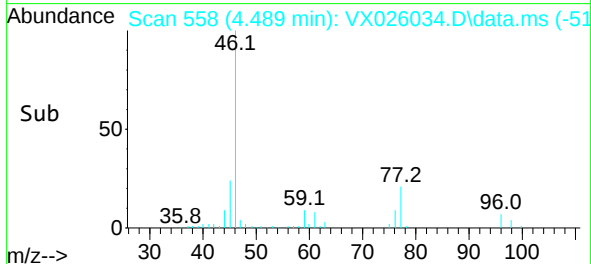
Instrument :
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ClientSampleId :
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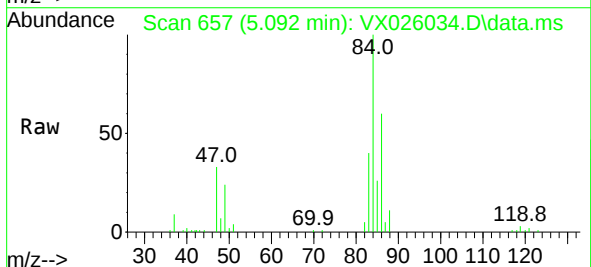
Tgt Ion: 96 Resp: 371
Ion Ratio Lower Upper
96 100
61 119.9 82.3 152.8
68 0.0 0.0 0.0

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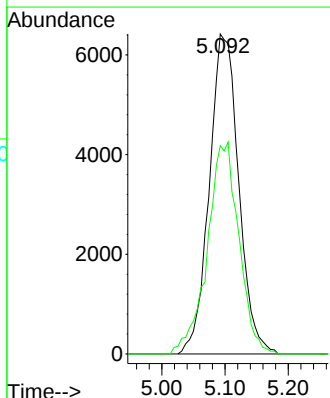
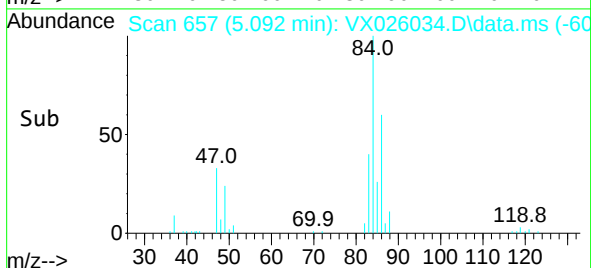
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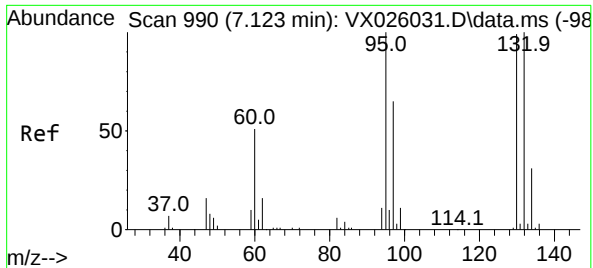


#25
Chloroform
Concen: 5.965 ug/L
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX026034.D
Acq: 25 Dec 2021 15:01



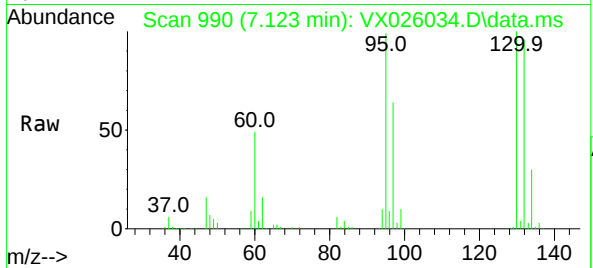
Tgt Ion: 83 Resp: 20681
Ion Ratio Lower Upper
83 100
85 65.1 44.9 83.5





#34
Trichloroethene
Concen: 70.377 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX026034.D
Acq: 25 Dec 2021 15:01

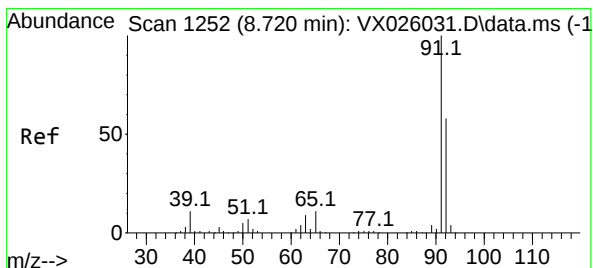
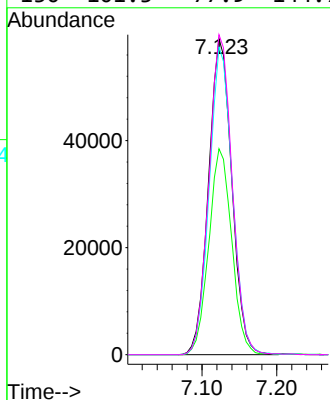
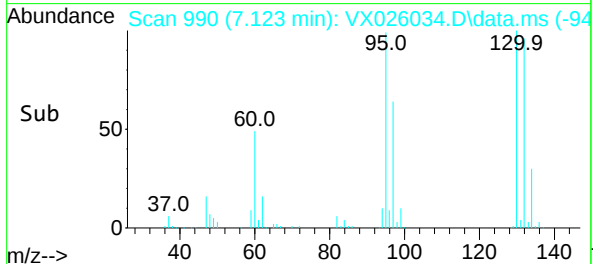
Instrument :
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ClientSampleId :
BGLF5ME



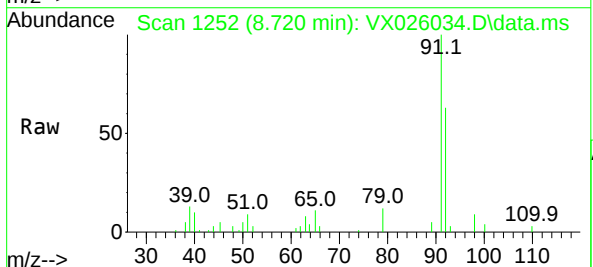
Tgt Ion: 95 Resp: 127580
Ion Ratio Lower Upper
95 100
97 65.2 46.0 85.4
132 97.3 75.0 139.2
130 101.3 77.9 144.7

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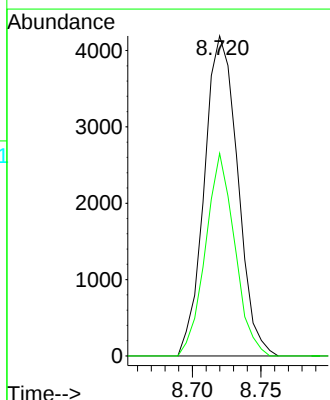
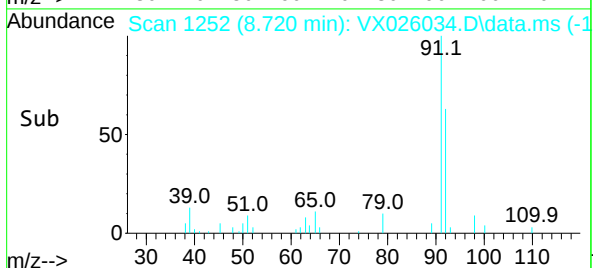
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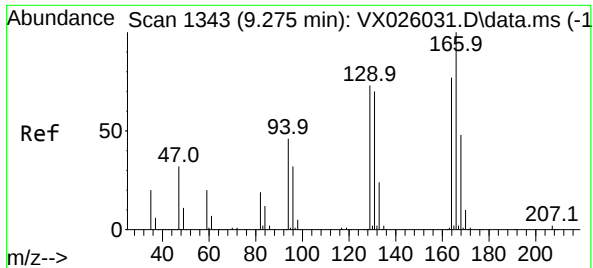


#42
Toluene
Concen: 0.940 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026034.D
Acq: 25 Dec 2021 15:01



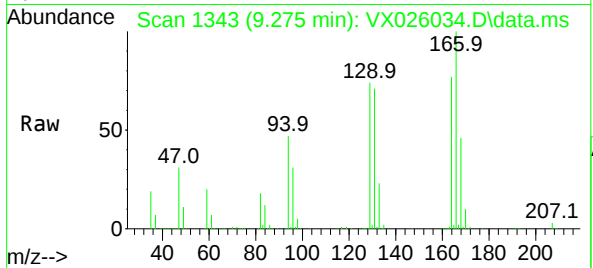
Tgt Ion: 91 Resp: 7093
Ion Ratio Lower Upper
91 100
92 63.3 41.2 76.6





#46
Tetrachloroethene
Concen: 100.958 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026034.D
Acq: 25 Dec 2021 15:01

Instrument :
MSVOA_X
ClientSampleId :
BGLF5ME



Tgt Ion:164 Resp: 139629
Ion Ratio Lower Upper
164 100
129 97.1 64.7 120.1
131 92.2 63.2 117.4
166 130.6 90.1 167.3

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