

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042499.D
 Acq On : 24 Jul 2024 02:08
 Operator : JC/MD
 Sample : P3327-33
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20G4

Quant Time: Jul 24 06:39:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 03:44:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/24/2024
 Supervised By : Mahesh Dadoda 07/24/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	187674	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	167666	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75131	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	40867	37.411	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.820%		
7) Chloroethane-d5	1.648	69	28240	41.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.120%		
11) 1,1-Dichloroethene-d2	2.300	65	20508	42.896	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.800%		
21) 2-Butanone-d5	4.465	46	81018	102.917	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.920%		
24) Chloroform-d	5.056	84	106047	48.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.560%		
26) 1,2-Dichloroethane-d4	5.958	65	68721	53.009	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.020%		
32) Benzene-d6	5.971	84	218347	50.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.760%		
36) 1,2-Dichloropropane-d6	7.312	67	66434	50.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.880%		
41) Toluene-d8	8.647	98	190529	47.177	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.360%		
43) trans-1,3-Dichloroprop...	8.952	79	26016	46.155	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.300%		
47) 2-Hexanone-d5	9.385	63	58671	99.105	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.110%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	94365	48.941	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.880%		
66) 1,2-Dichlorobenzene-d4	12.317	152	74670	51.169	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.340%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	5893	4.417	ug/L	# 80
12) 1,1-Dichloroethene	2.313	96	20580m	18.155	ug/L	
17) trans-1,2-Dichloroethene	3.087	96	18646	15.993	ug/L	92
19) 1,1-Dichloroethane	3.605	63	181416	86.650	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	1782057	1301.017	ug/L	99
34) Trichloroethene	7.153	95	14380312	11708.854	ug/L	91
42) Toluene	8.720	91	10008	2.000	ug/L	97

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

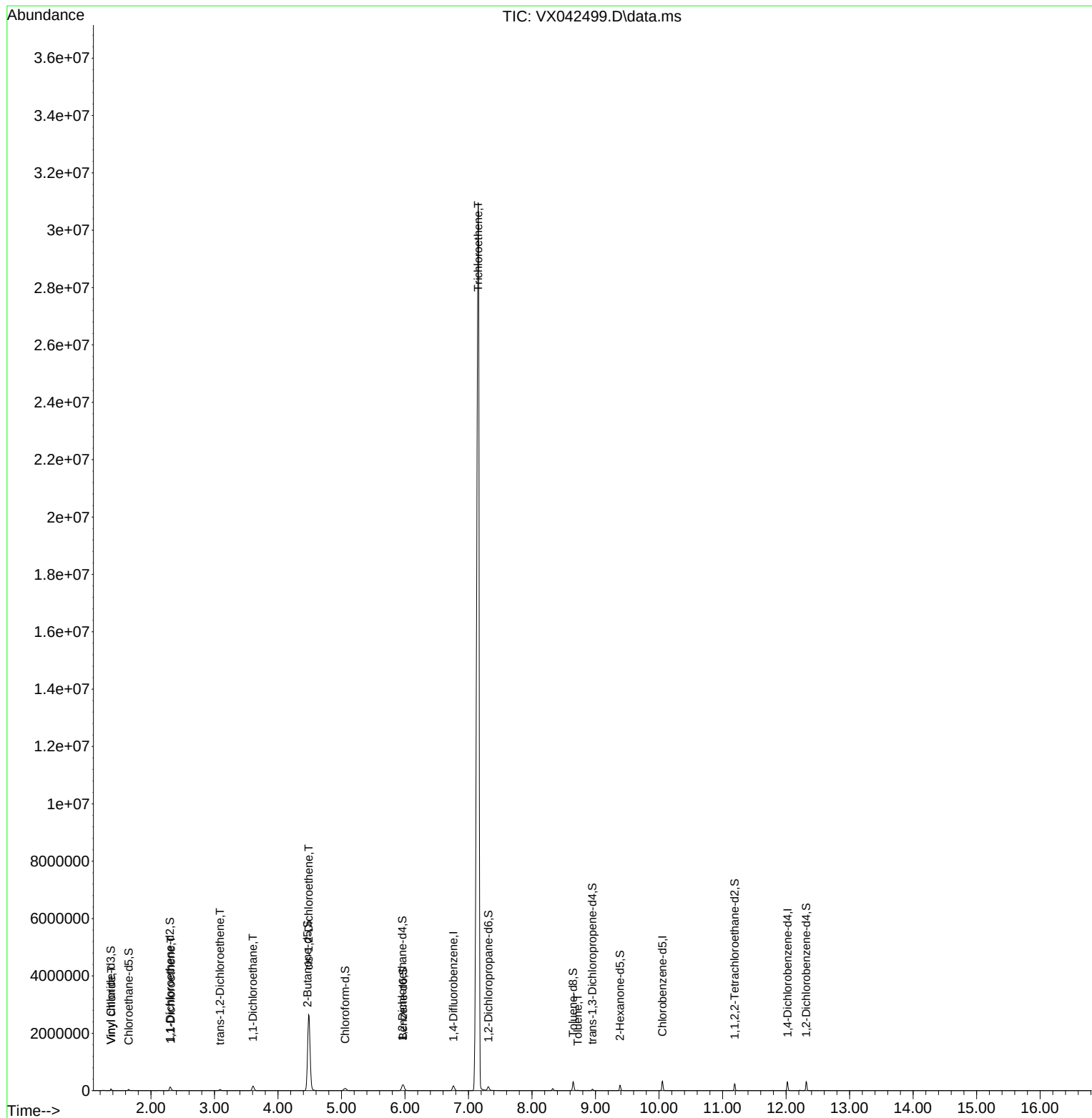
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
Data File : VX042499.D
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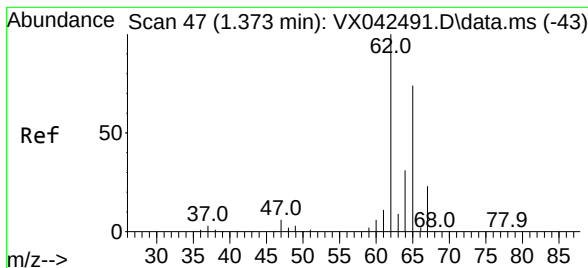
Instrument :
MSVOA_X
ClientSampleId :
E20G4

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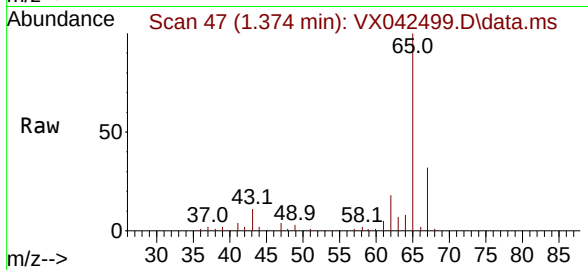
Quant Time: Jul 24 06:39:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 24 03:44:32 2024
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 4.417 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX042499.D
 Acq: 24 Jul 2024 02:08

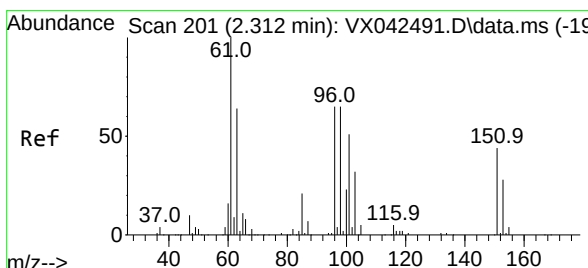
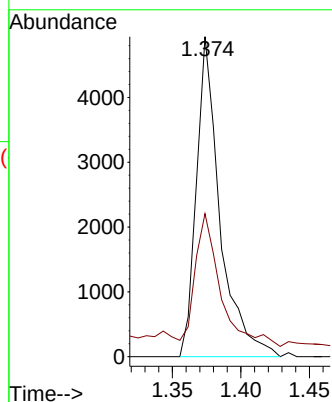
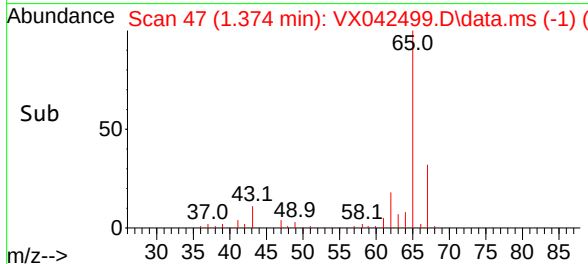
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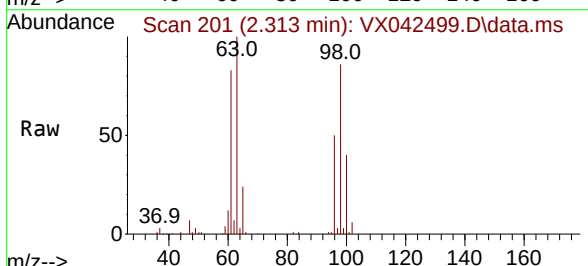
Tgt Ion: 62 Resp: 589
 Ion Ratio Lower Upper
 62 100
 64 44.7 23.2 43.0

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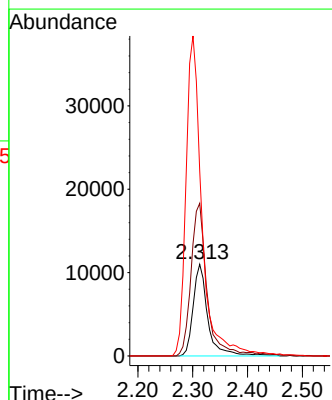
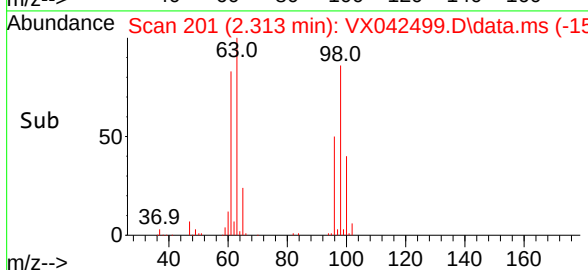
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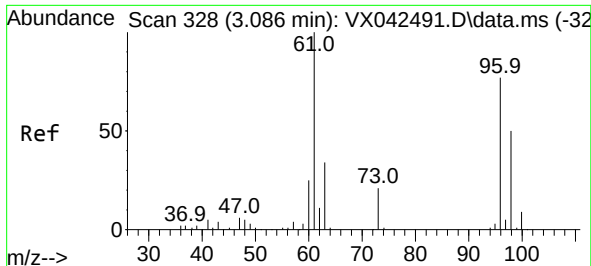


#12
 1,1-Dichloroethene
 Concen: 18.155 ug/L m
 RT: 2.313 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX042499.D
 Acq: 24 Jul 2024 02:08



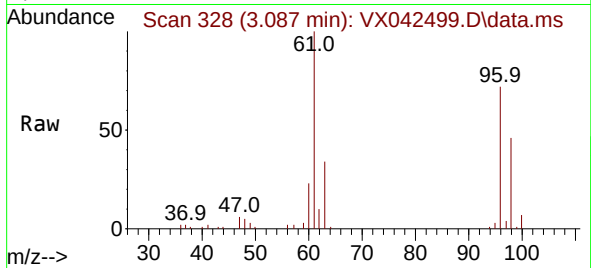
Tgt Ion: 96 Resp: 20580
 Ion Ratio Lower Upper
 96 100
 61 166.5 106.7 198.1
 63 201.6 89.2 165.6





#17
trans-1,2-Dichloroethene
Concen: 15.993 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042499.D
Acq: 24 Jul 2024 02:08

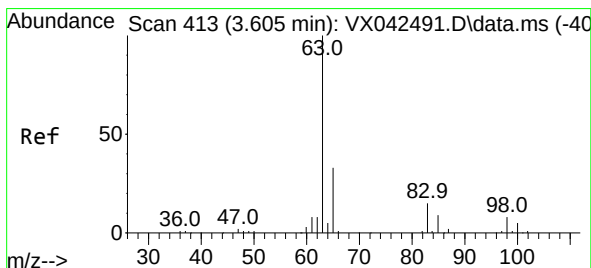
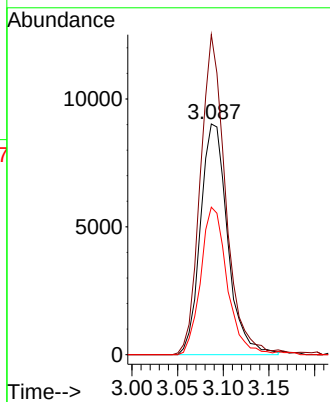
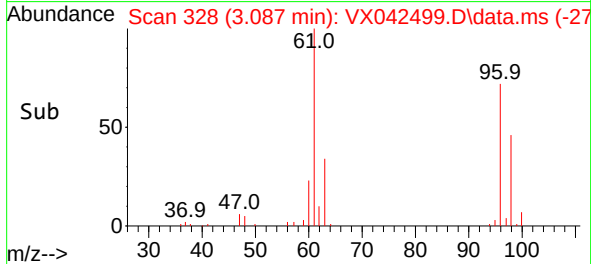
Instrument :
MSVOA_X
ClientSampleId :
E20G4



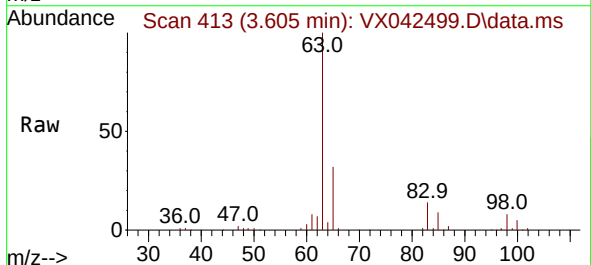
Tgt Ion: 96 Resp: 18640
Ion Ratio Lower Upper
96 100
61 138.7 88.4 164.2
98 63.9 46.5 86.5

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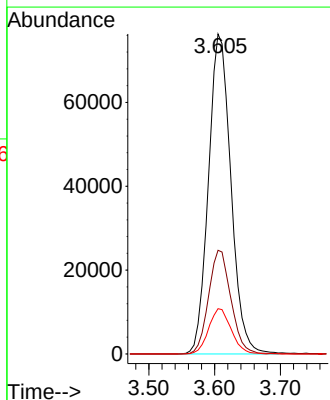
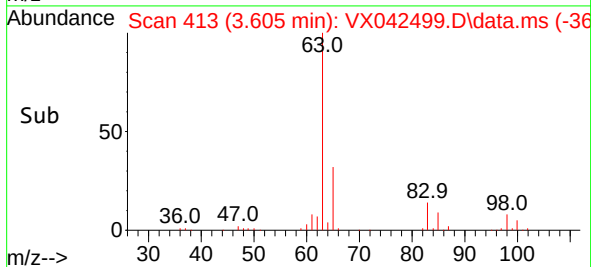
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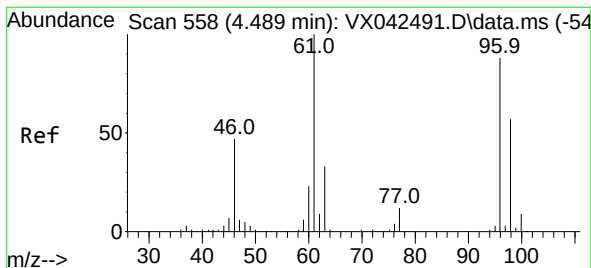


#19
1,1-Dichloroethane
Concen: 86.650 ug/L
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX042499.D
Acq: 24 Jul 2024 02:08



Tgt Ion: 63 Resp: 181416
Ion Ratio Lower Upper
63 100
65 32.4 22.2 41.2
83 14.1 9.8 18.2





#20

cis-1,2-Dichloroethene

Concen: 1301.017 ug/L

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX042499.D

Acq: 24 Jul 2024 02:08

Instrument :

MSVOA_X

ClientSampleId :

E20G4

Tgt Ion: 96 Resp: 178205

Ion Ratio Lower Upper

96 100

61 115.9 80.5 149.5

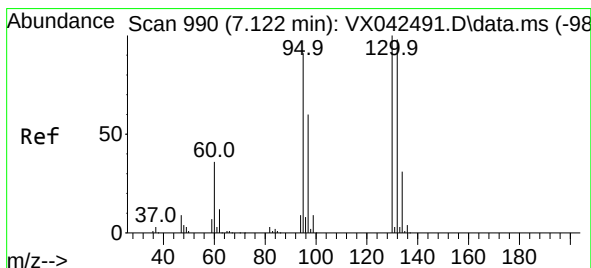
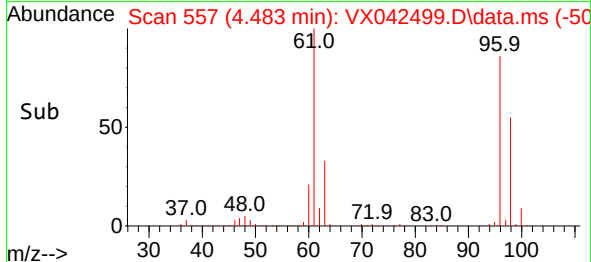
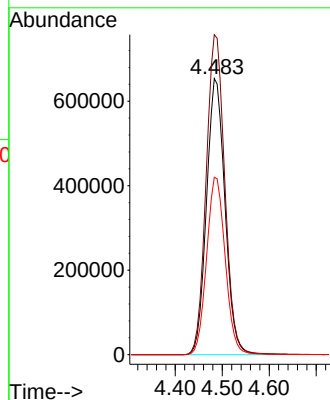
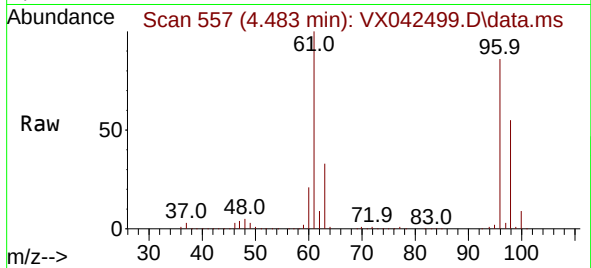
98 64.2 45.7 84.9

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#34

Trichloroethene

Concen: 11708.854 ug/L

RT: 7.153 min Scan# 995

Delta R.T. 0.031 min

Lab File: VX042499.D

Acq: 24 Jul 2024 02:08

Tgt Ion: 95 Resp:14380312

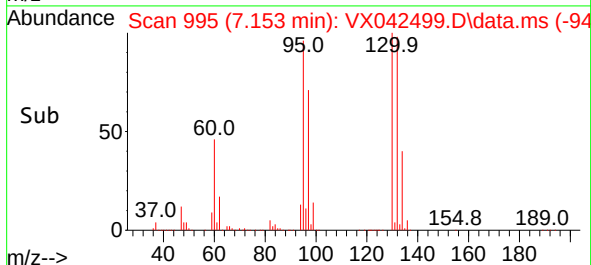
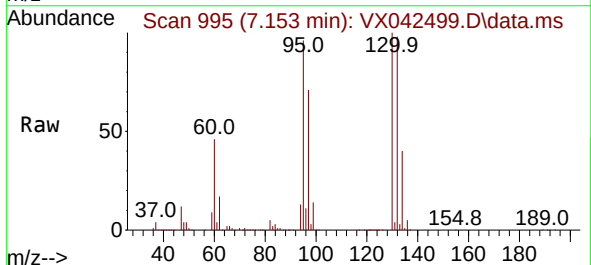
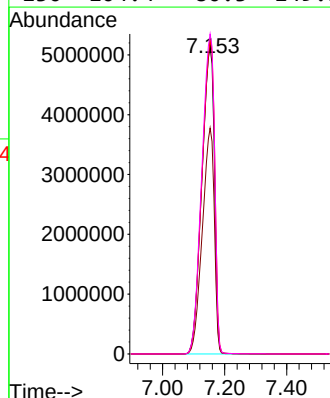
Ion Ratio Lower Upper

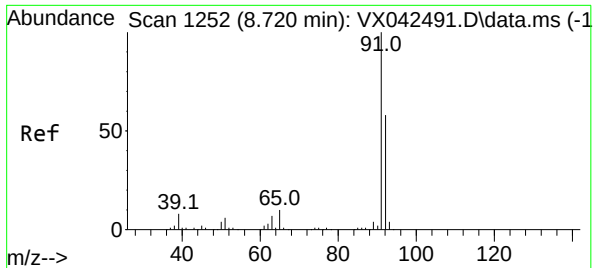
95 100

97 73.7 45.1 83.7

132 102.4 77.2 143.4

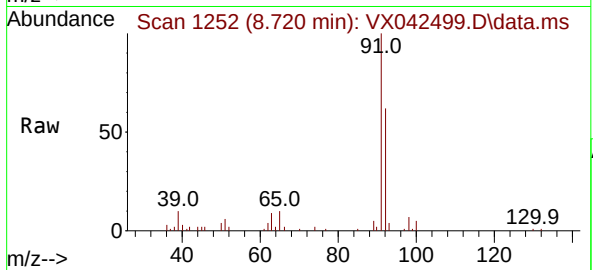
130 104.4 80.3 149.1





#42
Toluene
Concen: 2.000 ug/L
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042499.D
Acq: 24 Jul 2024 02:08

Instrument :
MSVOA_X
ClientSampleId :
E20G4



Tgt Ion: 91 Resp: 1000
Ion Ratio Lower Upper
91 100
92 62.1 41.6 77.3

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