

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 :

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

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

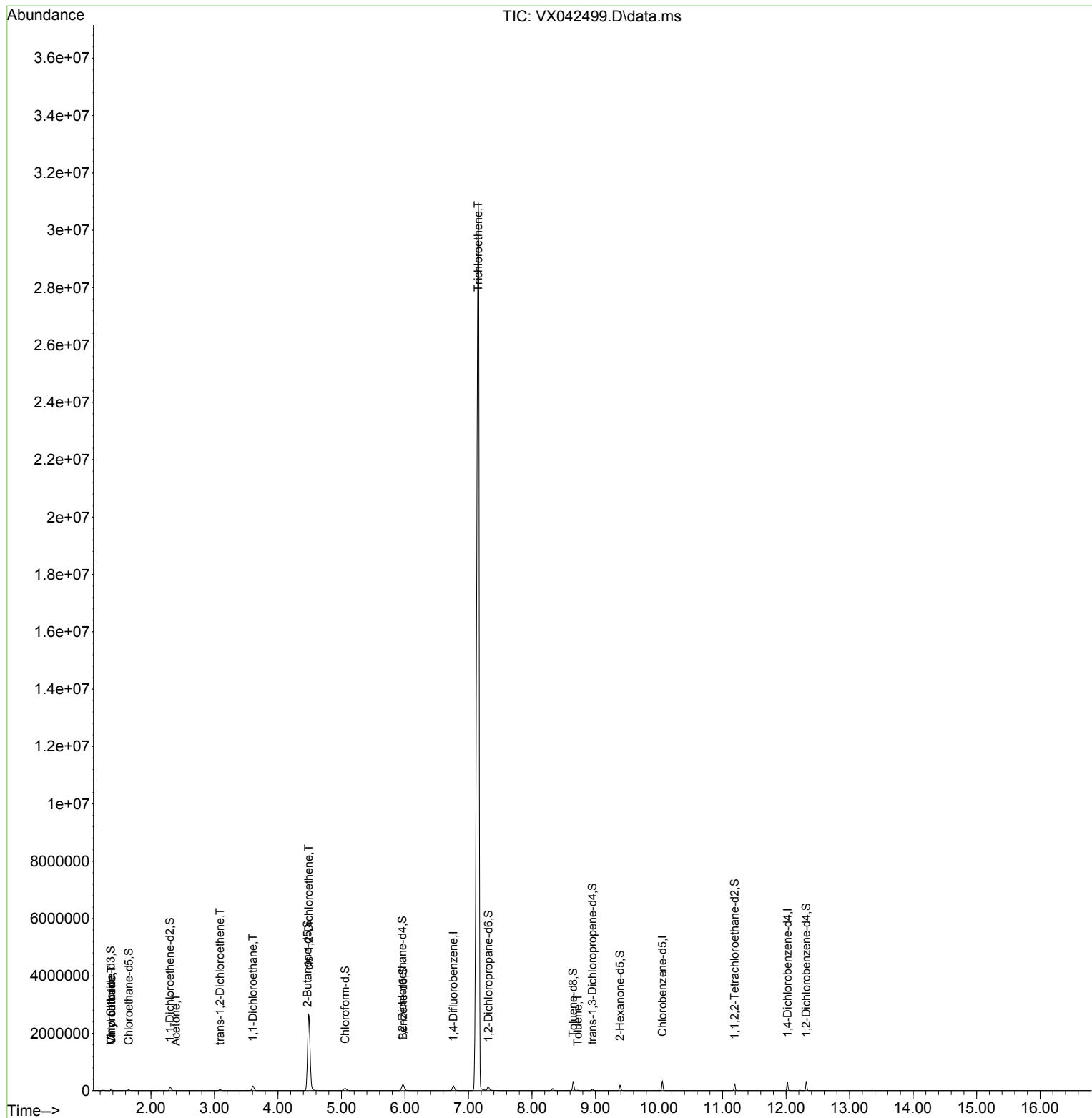
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	187674	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	167666	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75131	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	40867	37.411	ug/L	0.00
Spiked Amount	50.000	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
8) Chloroethane	1.374	64	2210	3.323	ug/L	90
13) Acetone	2.392	43	1515	2.821	ug/L	94
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

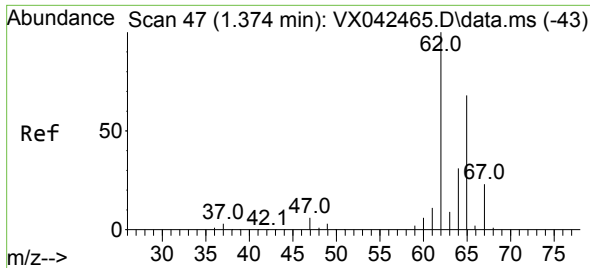
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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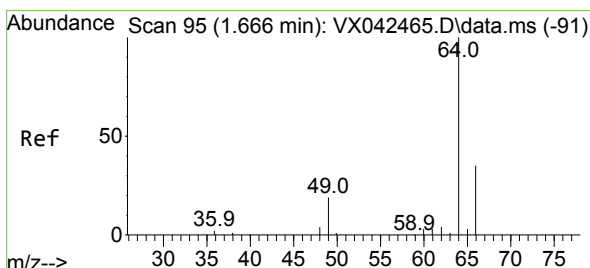
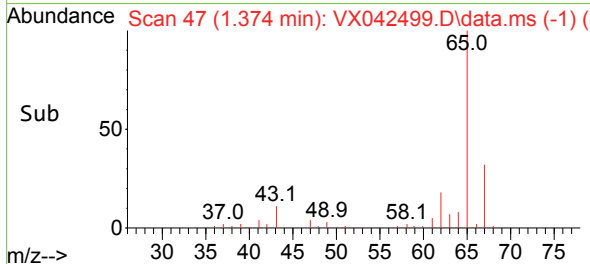
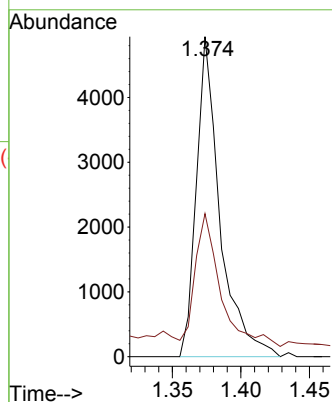
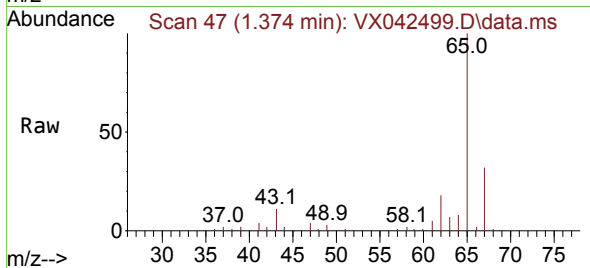




#5
 Vinyl chloride
 Concen: 4.417 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX042499.D
 Acq: 24 Jul 2024 02:08

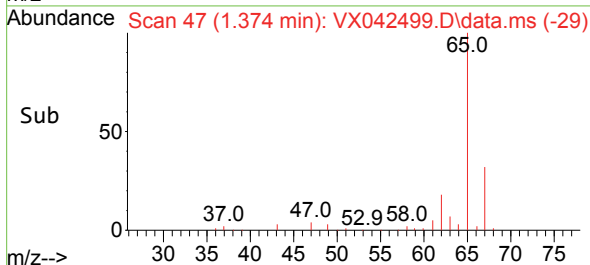
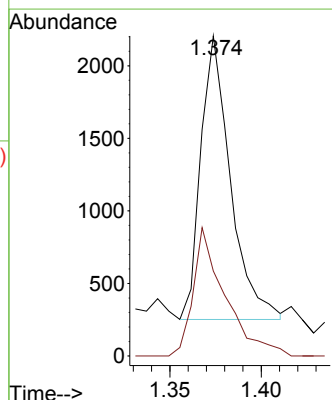
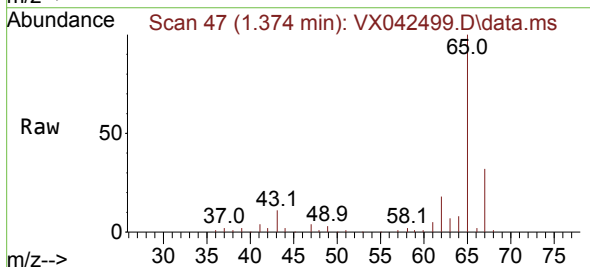
Instrument :
 MSVOA_X
 ClientSampleId :

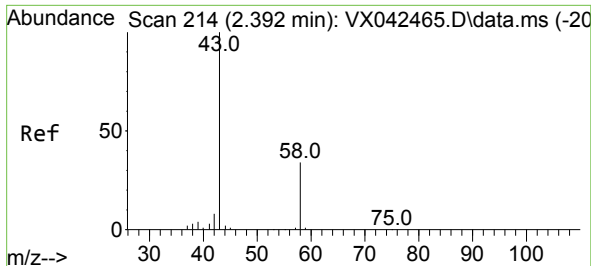
Tgt Ion: 62 Resp: 5893
 Ion Ratio Lower Upper
 62 100
 64 44.7 23.2 43.0#



#8
 Chloroethane
 Concen: 3.323 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.293 min
 Lab File: VX042499.D
 Acq: 24 Jul 2024 02:08

Tgt Ion: 64 Resp: 2210
 Ion Ratio Lower Upper
 64 100
 66 26.6 22.5 41.7





#13

Acetone

Concen: 2.821 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX042499.D

Acq: 24 Jul 2024 02:08

Instrument :

MSVOA_X

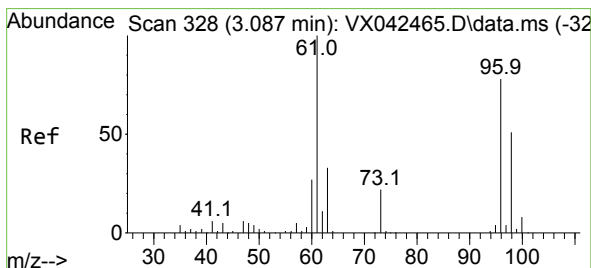
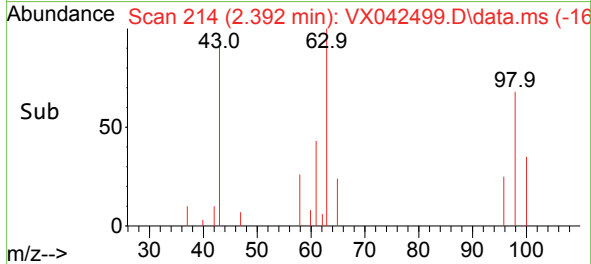
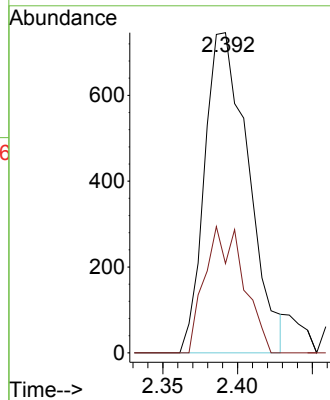
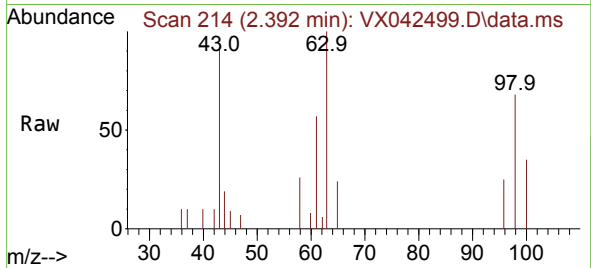
ClientSampleId :

Tgt Ion: 43 Resp: 1515

Ion Ratio Lower Upper

43 100

58 34.8 0.0 62.6



#17

trans-1,2-Dichloroethene

Concen: 15.993 ug/L

RT: 3.087 min Scan# 328

Delta R.T. 0.000 min

Lab File: VX042499.D

Acq: 24 Jul 2024 02:08

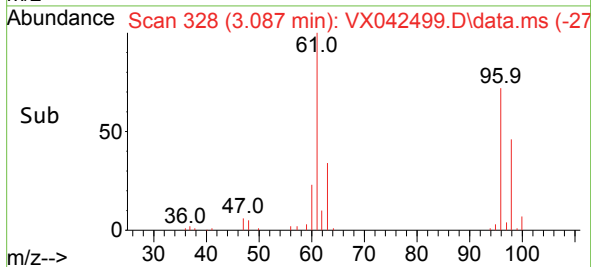
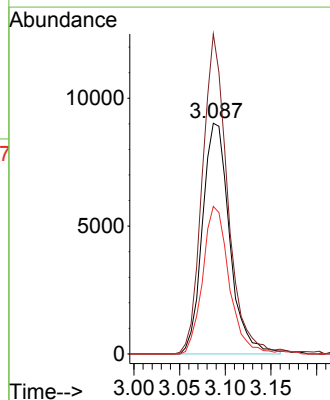
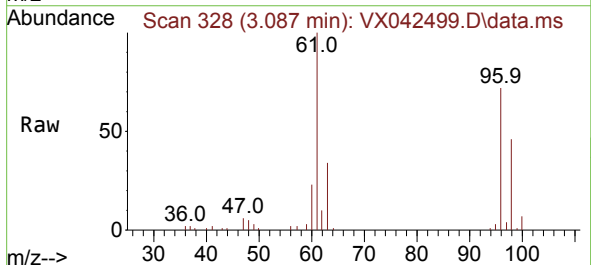
Tgt Ion: 96 Resp: 18646

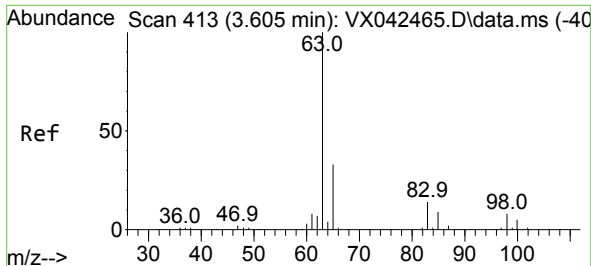
Ion Ratio Lower Upper

96 100

61 138.7 88.4 164.2

98 63.9 46.5 86.5

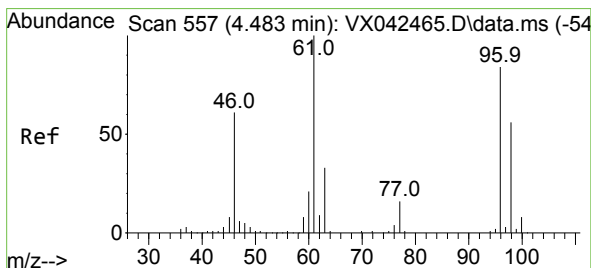
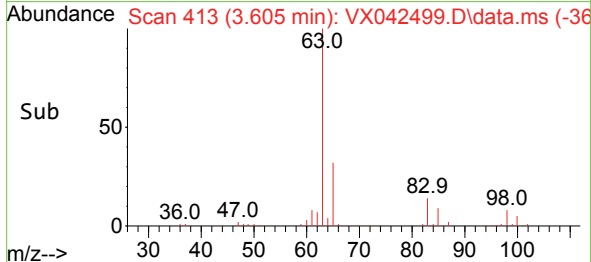
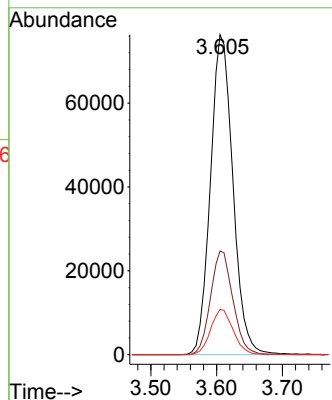
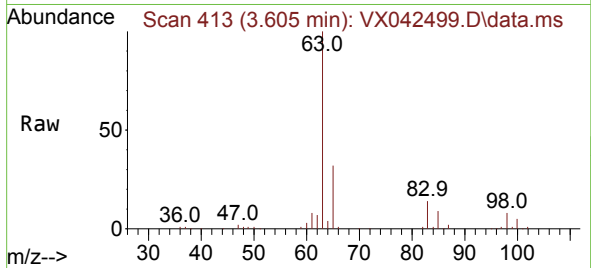




#19
1,1-Dichloroethane
Concen: 86.650 ug/L
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX042499.D
Acq: 24 Jul 2024 02:08

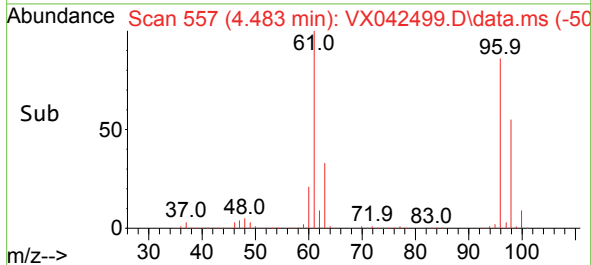
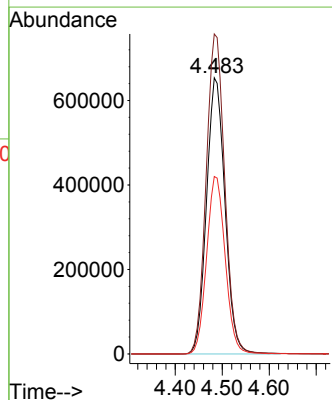
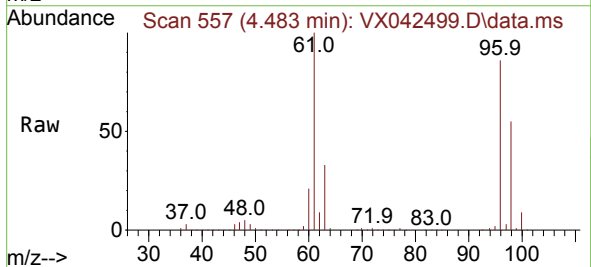
Instrument :
MSVOA_X
ClientSampleId :

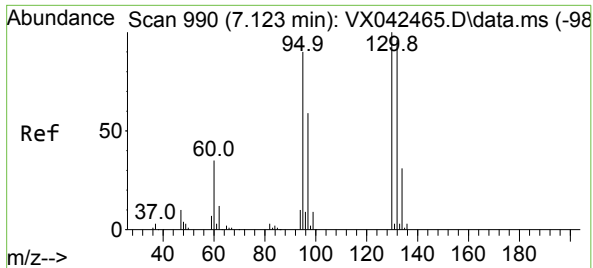
Tgt Ion: 63 Resp: 181416
Ion Ratio Lower Upper
63 100
65 32.4 22.2 41.2
83 14.1 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 1301.017 ug/L
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX042499.D
Acq: 24 Jul 2024 02:08

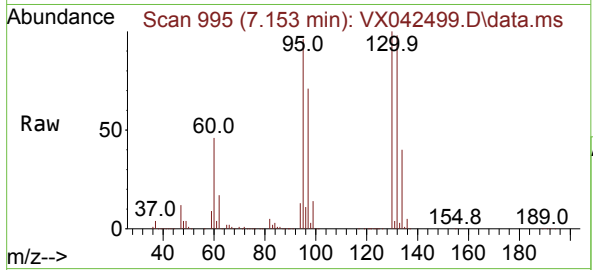
Tgt Ion: 96 Resp: 1782057
Ion Ratio Lower Upper
96 100
61 115.9 80.5 149.5
98 64.2 45.7 84.9





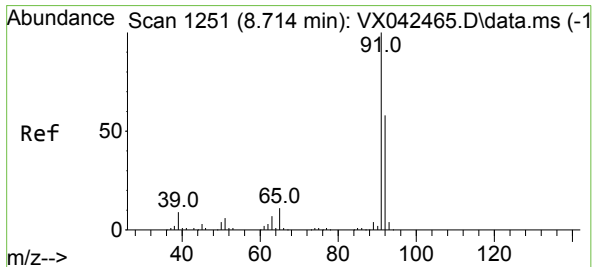
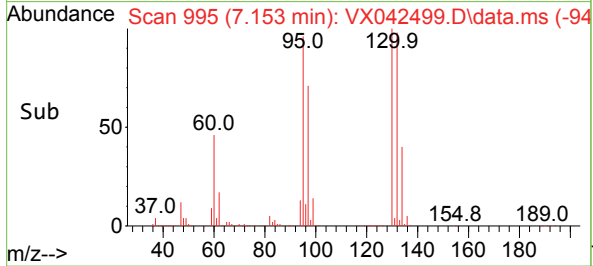
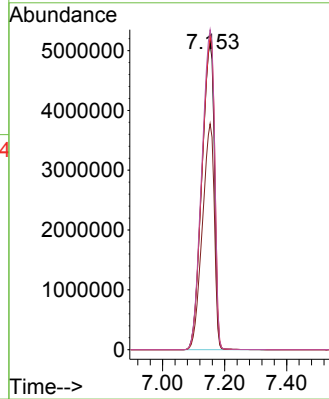
#34
 Trichloroethene
 Concen: 11708.854 ug/L
 RT: 7.153 min Scan# 995
 Delta R.T. 0.031 min
 Lab File: VX042499.D
 Acq: 24 Jul 2024 02:08

Instrument :
 MSVOA_X
 ClientSampleId :



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# 1252
 Delta R.T. 0.006 min
 Lab File: VX042499.D
 Acq: 24 Jul 2024 02:08

Tgt Ion: 91 Resp: 10008

Ion	Ratio	Lower	Upper
91	100		
92	62.1	41.6	77.3

