

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072524\
 Data File : VX042527.D
 Acq On : 24 Jul 2024 18:57
 Operator : JC/MD
 Sample : P3327-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20F4

Quant Time: Jul 25 01:46:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 01:37:54 2024
 Response via : Initial Calibration

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

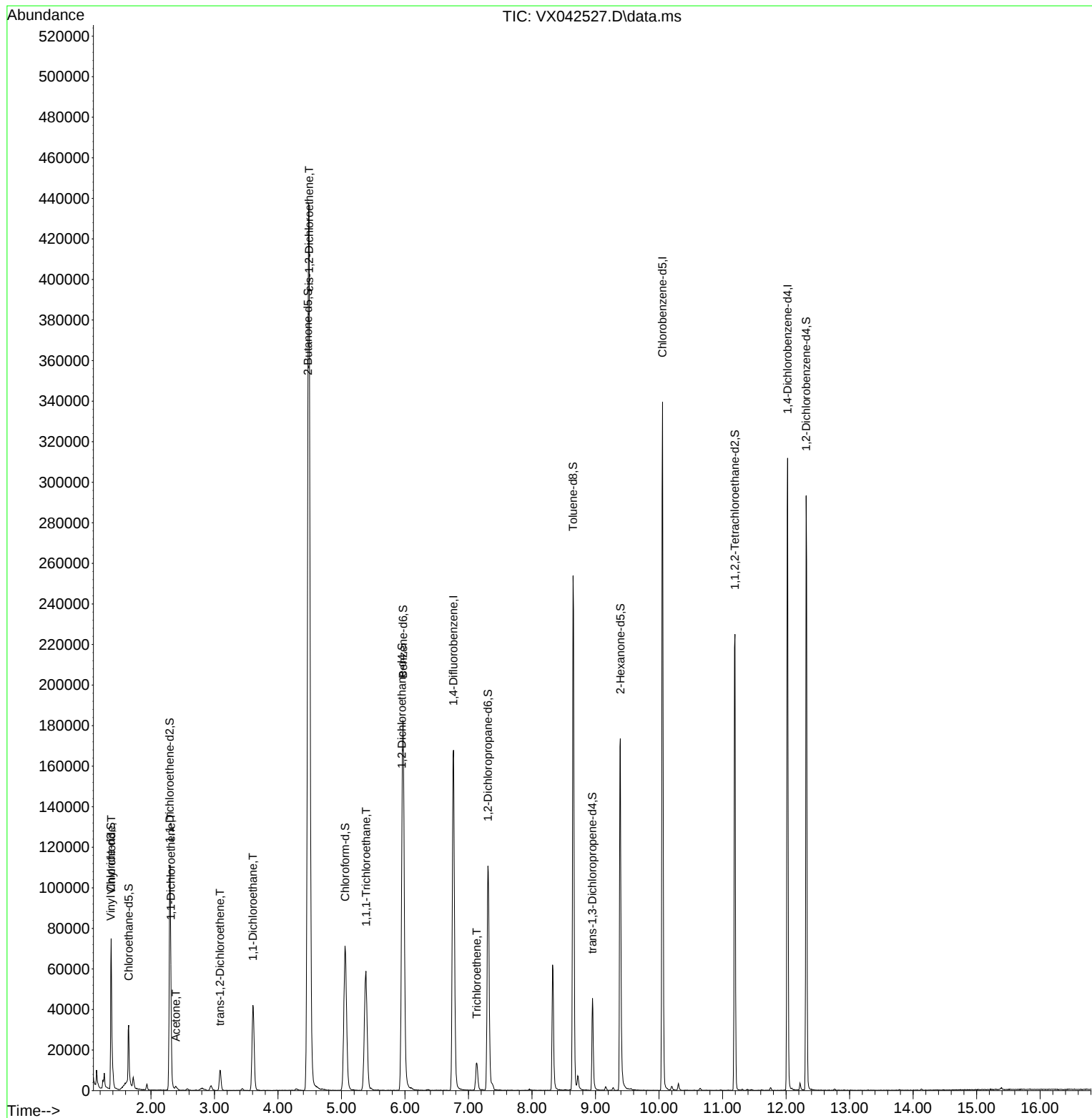
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	187647	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	167162	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	74612	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	29744	27.233	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	54.460%#		
7) Chloroethane-d5	1.648	69	21262	30.918	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	61.840%#		
11) 1,1-Dichloroethene-d2	2.294	65	15987	33.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.880%		
21) 2-Butanone-d5	4.471	46	76477	97.163	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.160%		
24) Chloroform-d	5.056	84	92953	42.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.660%		
26) 1,2-Dichloroethane-d4	5.952	65	62297	48.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.120%		
32) Benzene-d6	5.970	84	184630	42.731	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.460%		
36) 1,2-Dichloropropane-d6	7.305	67	60584	46.592	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.180%		
41) Toluene-d8	8.647	98	159436	39.597	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.200%#		
43) trans-1,3-Dichloroprop...	8.952	79	23179	41.246	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.500%		
47) 2-Hexanone-d5	9.390	63	55863	94.647	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.650%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	90210	46.927	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.860%		
66) 1,2-Dichlorobenzene-d4	12.317	152	67250	46.405	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.800%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	28947	21.698	ug/L	98
12) 1,1-Dichloroethene	2.312	96	14045	12.392	ug/L	91
13) Acetone	2.392	43	1888	3.516	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	4413	3.786	ug/L	91
19) 1,1-Dichloroethane	3.605	63	48409	23.125	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	280500	204.813	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	59883	32.904	ug/L	100
34) Trichloroethene	7.129	95	5309	4.336	ug/L	95

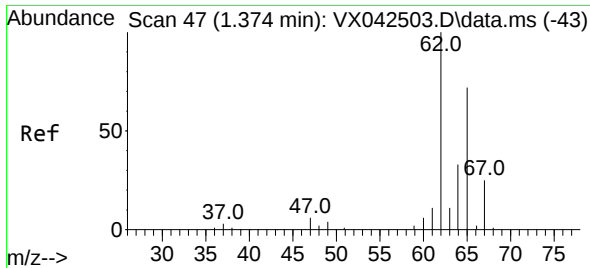
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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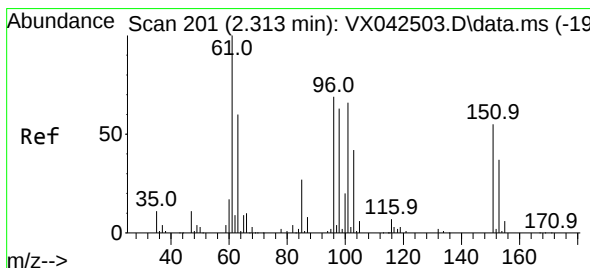
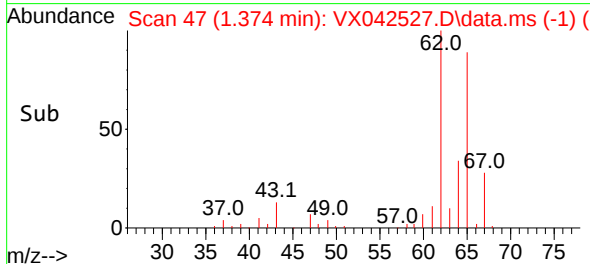
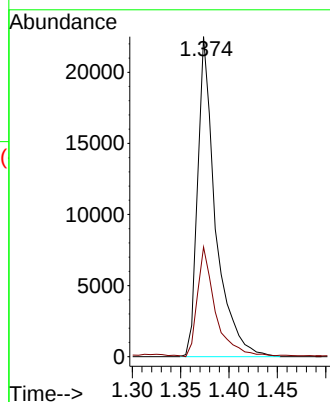
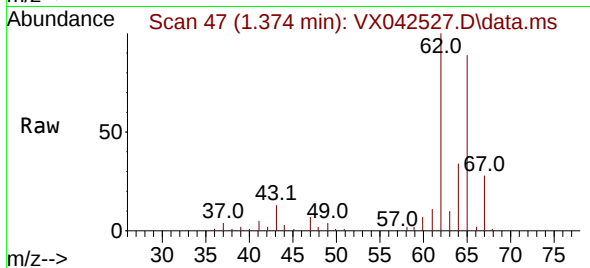




#5
 Vinyl chloride
 Concen: 21.698 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX042527.D
 Acq: 24 Jul 2024 18:57

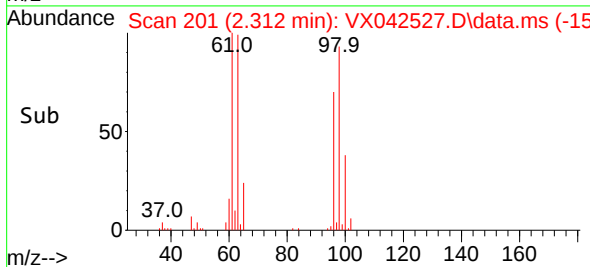
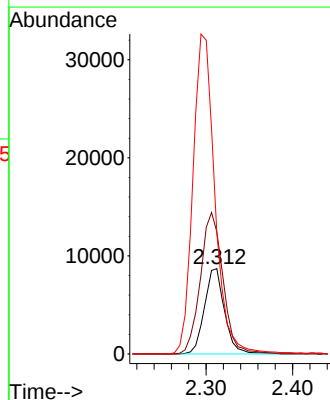
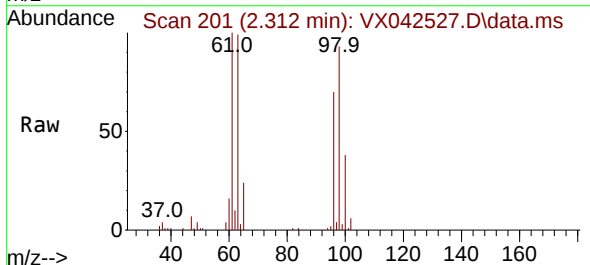
Instrument :
 MSVOA_X
 ClientSampleId :
 E20F4

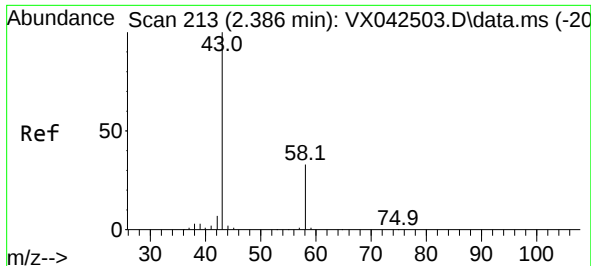
Tgt Ion: 62 Resp: 28947
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 12.392 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VX042527.D
 Acq: 24 Jul 2024 18:57

Tgt Ion: 96 Resp: 14045
 Ion Ratio Lower Upper
 96 100
 61 143.2 106.7 198.1
 63 141.4 89.2 165.6





#13

Acetone

Concen: 3.516 ug/L

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX042527.D

Acq: 24 Jul 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

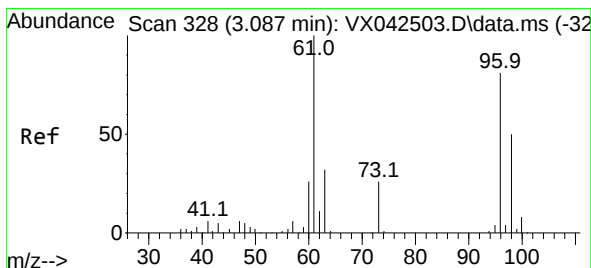
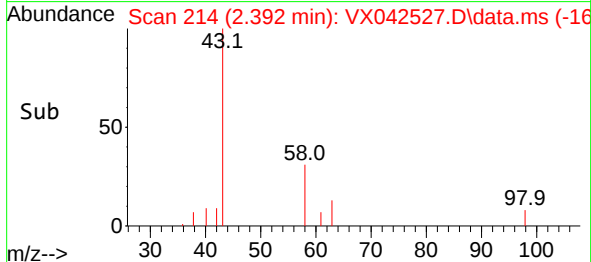
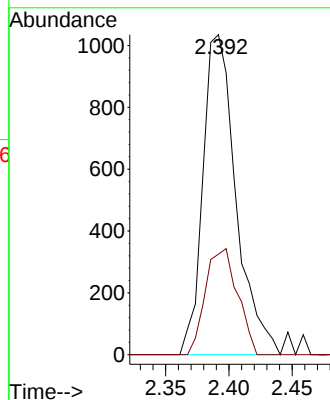
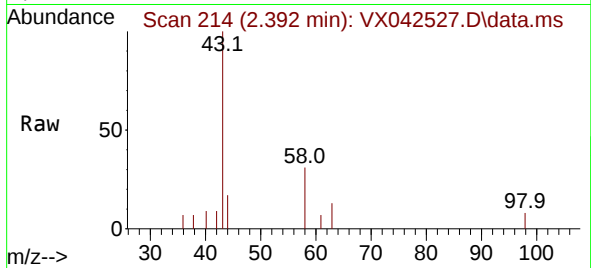
E20F4

Tgt Ion: 43 Resp: 1888

Ion Ratio Lower Upper

43 100

58 32.1 0.0 62.6



#17

trans-1,2-Dichloroethene

Concen: 3.786 ug/L

RT: 3.087 min Scan# 328

Delta R.T. -0.000 min

Lab File: VX042527.D

Acq: 24 Jul 2024 18:57

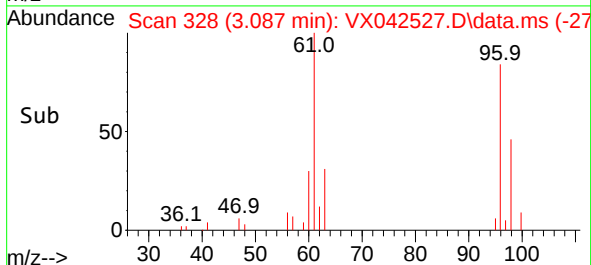
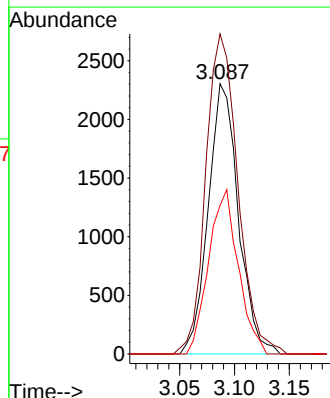
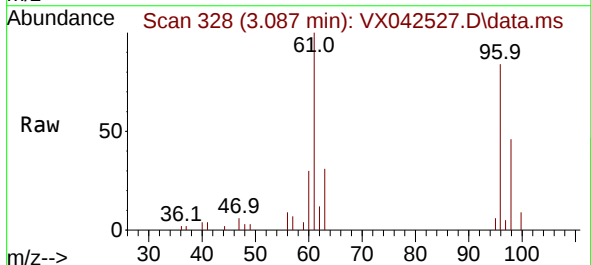
Tgt Ion: 96 Resp: 4413

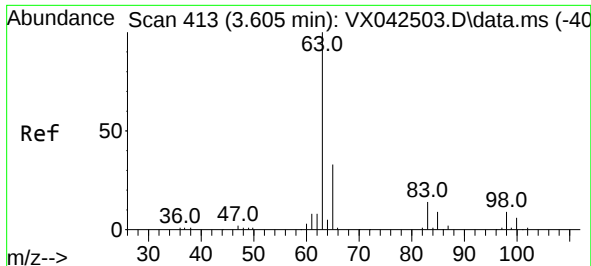
Ion Ratio Lower Upper

96 100

61 118.4 88.4 164.2

98 54.9 46.5 86.5





#19

1,1-Dichloroethane

Concen: 23.125 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042527.D

Acq: 24 Jul 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

E20F4

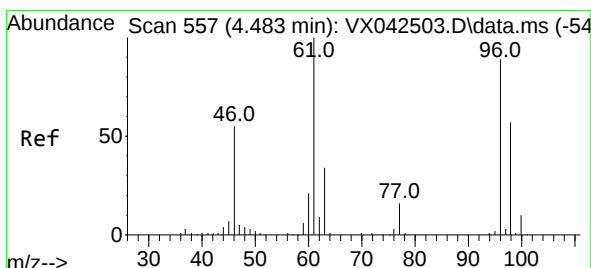
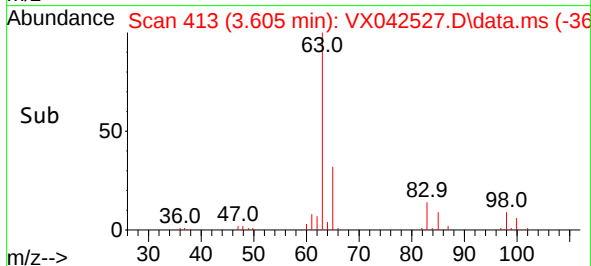
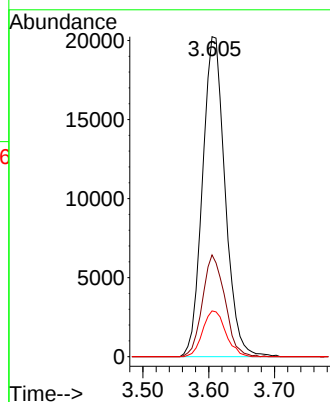
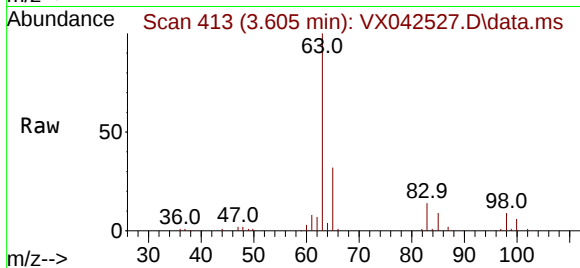
Tgt Ion: 63 Resp: 48409

Ion Ratio Lower Upper

63 100

65 31.8 22.2 41.2

83 14.3 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 204.813 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042527.D

Acq: 24 Jul 2024 18:57

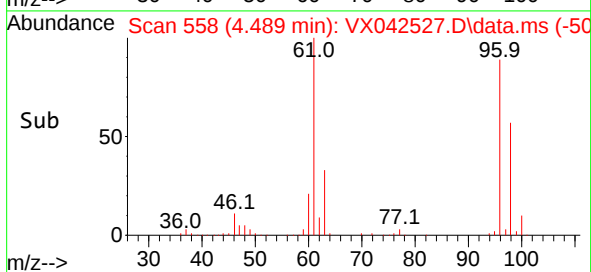
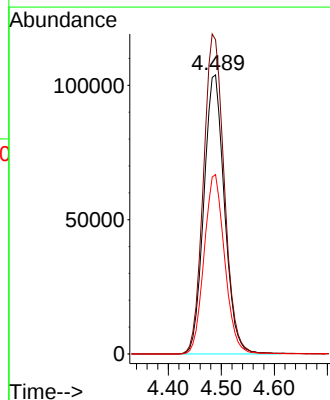
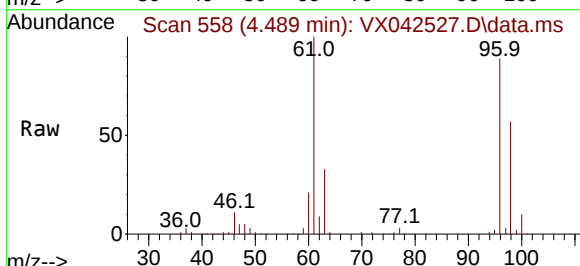
Tgt Ion: 96 Resp: 280500

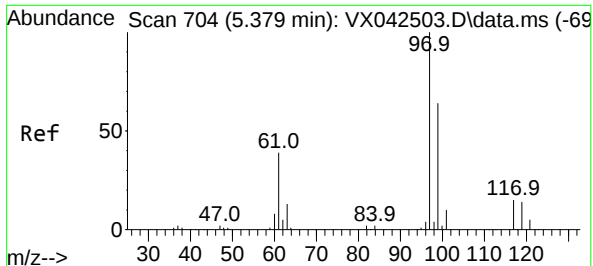
Ion Ratio Lower Upper

96 100

61 112.6 80.5 149.5

98 64.3 45.7 84.9





#30

1,1,1-Trichloroethane

Concen: 32.904 ug/L

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX042527.D

Acq: 24 Jul 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

E20F4

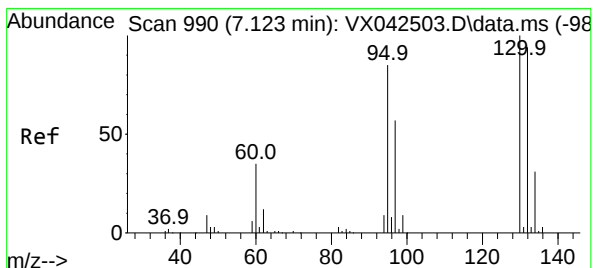
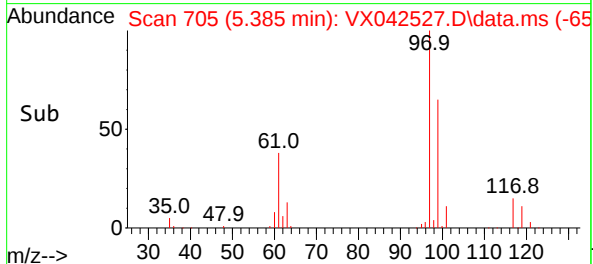
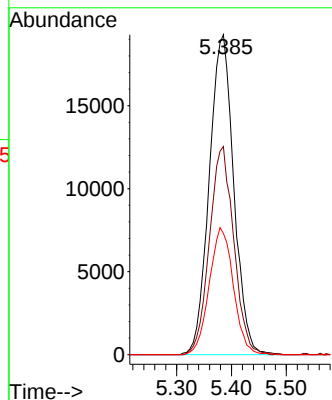
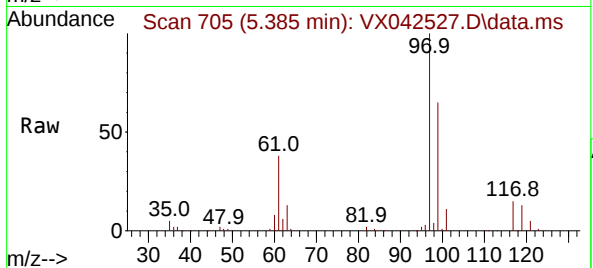
Tgt Ion: 97 Resp: 59883

Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

61 39.0 31.2 46.8



#34

Trichloroethene

Concen: 4.336 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX042527.D

Acq: 24 Jul 2024 18:57

Tgt Ion: 95 Resp: 5309

Ion Ratio Lower Upper

95 100

97 66.9 45.1 83.7

132 99.6 77.2 143.4

130 112.9 80.3 149.1

