

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072524\
 Data File : VX042514.D
 Acq On : 24 Jul 2024 13:54
 Operator : JC/MD
 Sample : P3327-22DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 25 01:43:02 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)

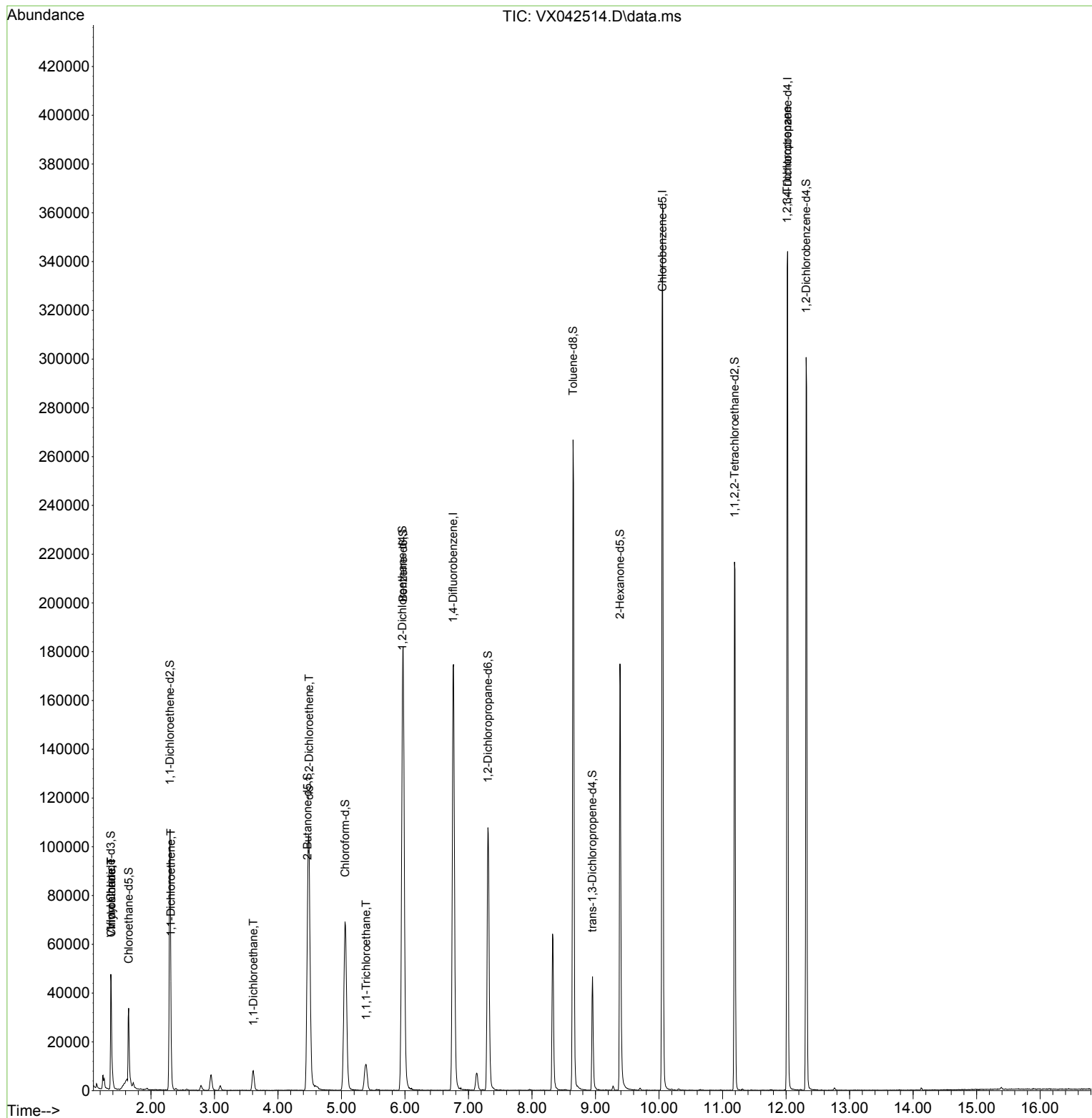
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	197784	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	179312	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	85595	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	33406	29.018	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.040%#
7) Chloroethane-d5	1.648	69	23357	32.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.440%#
11) 1,1-Dichloroethene-d2	2.300	65	18372	36.464	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.920%
21) 2-Butanone-d5	4.464	46	74441	89.729	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.730%
24) Chloroform-d	5.056	84	92282	39.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.740%
26) 1,2-Dichloroethane-d4	5.958	65	59924	43.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.720%
32) Benzene-d6	5.970	84	185935	40.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.240%
36) 1,2-Dichloropropane-d6	7.305	67	58281	41.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.560%
41) Toluene-d8	8.647	98	166343	38.513	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.020%#
43) trans-1,3-Dichloroprop...	8.951	79	23323	38.690	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.380%
47) 2-Hexanone-d5	9.384	63	53860	85.070	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.070%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	85603	41.513	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.020%
66) 1,2-Dichlorobenzene-d4	12.317	152	71508	43.012	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.020%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	6151	4.374	ug/L	91
8) Chloroethane	1.374	64	2333	3.329	ug/L	99
12) 1,1-Dichloroethene	2.312	96	3293	2.756	ug/L #	1
19) 1,1-Dichloroethane	3.611	63	9472	4.293	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	53400	36.993	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	11593	5.938	ug/L #	90
61) 1,2,3-Trichloropropane	12.018	75	7642	5.028	ug/L #	63

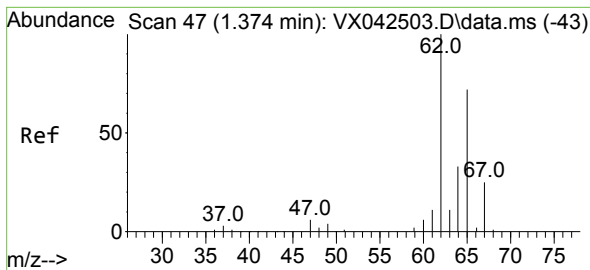
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 25 01:37:54 2024
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#5

Vinyl chloride

Concen: 4.374 ug/L

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX042514.D

Acq: 24 Jul 2024 13:54

Instrument :

MSVOA_X

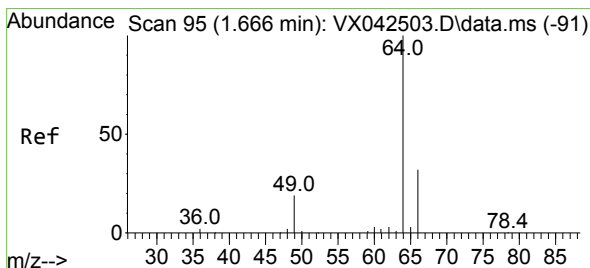
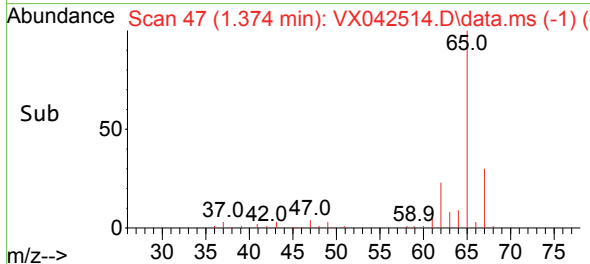
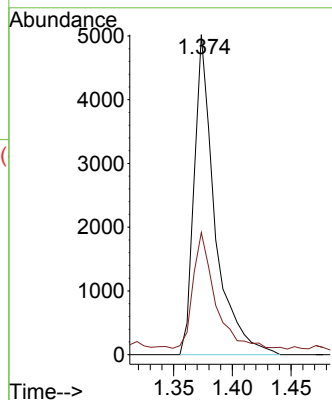
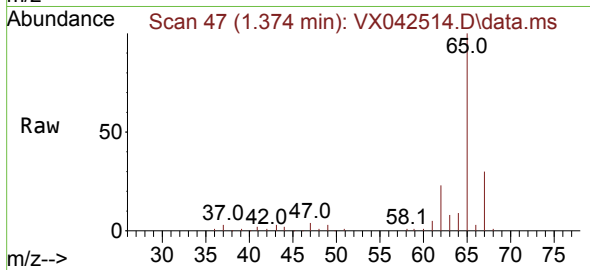
ClientSampleId :

Tgt Ion: 62 Resp: 6151

Ion Ratio Lower Upper

62 100

64 38.2 23.2 43.0



#8

Chloroethane

Concen: 3.329 ug/L

RT: 1.374 min Scan# 47

Delta R.T. -0.293 min

Lab File: VX042514.D

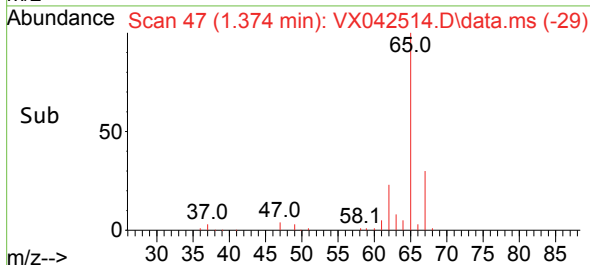
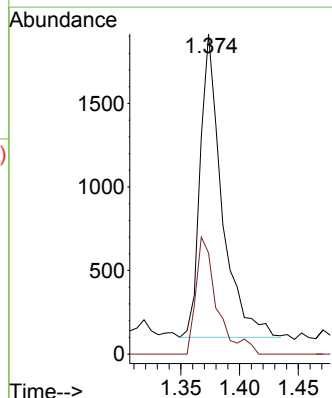
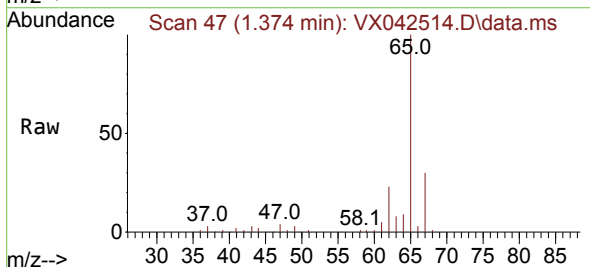
Acq: 24 Jul 2024 13:54

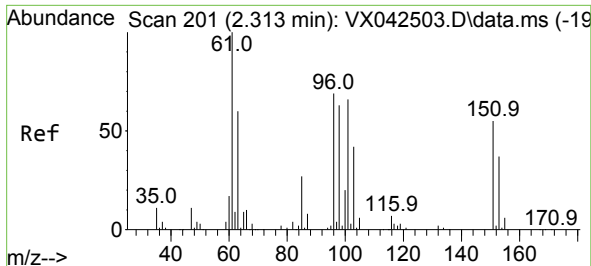
Tgt Ion: 64 Resp: 2333

Ion Ratio Lower Upper

64 100

66 31.6 22.5 41.7





#12

1,1-Dichloroethene

Concen: 2.756 ug/L

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

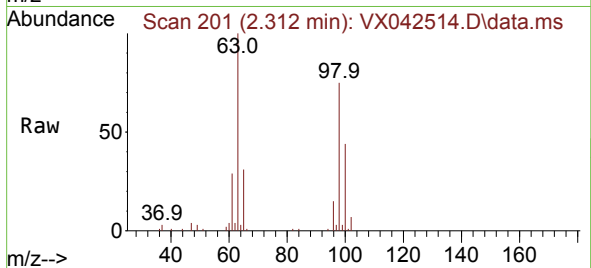
Lab File: VX042514.D

Acq: 24 Jul 2024 13:54

Instrument :

MSVOA_X

ClientSampleId :



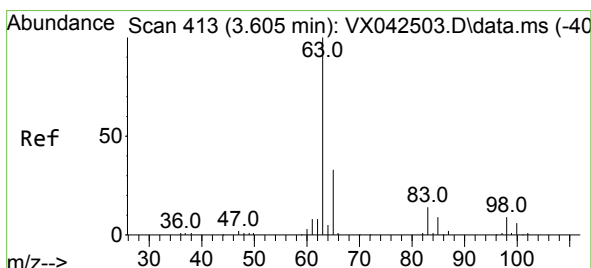
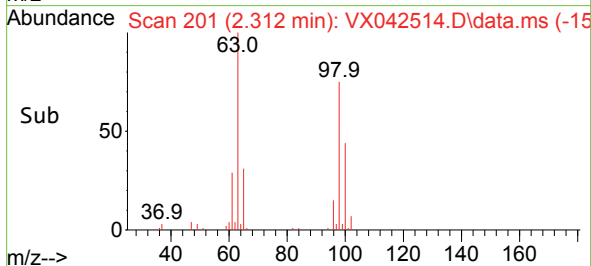
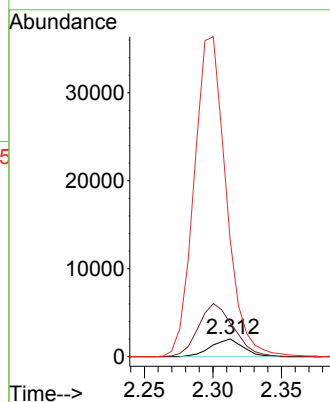
Tgt Ion: 96 Resp: 3293

Ion Ratio Lower Upper

96 100

61 189.1 106.7 198.1

63 658.9 89.2 165.6#



#19

1,1-Dichloroethane

Concen: 4.293 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX042514.D

Acq: 24 Jul 2024 13:54

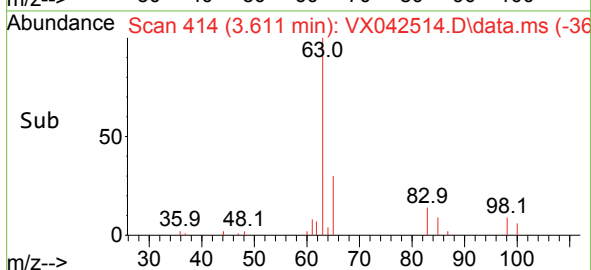
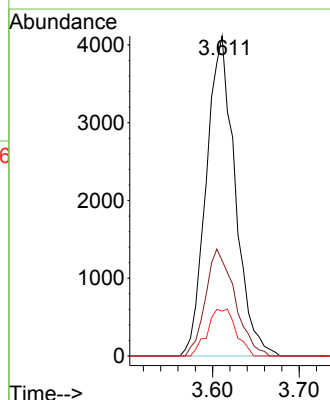
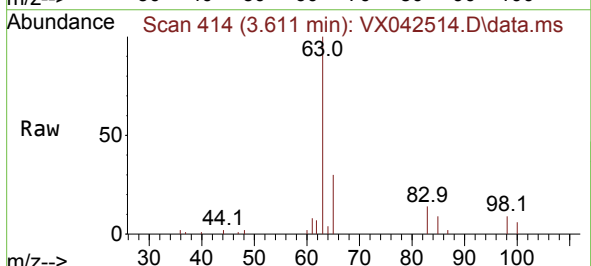
Tgt Ion: 63 Resp: 9472

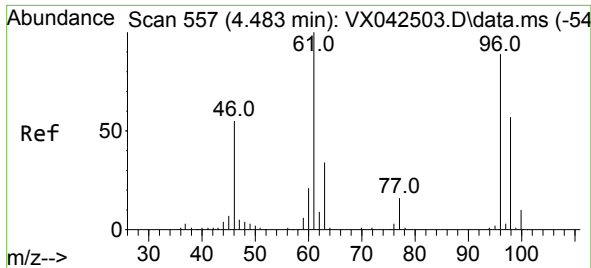
Ion Ratio Lower Upper

63 100

65 29.8 22.2 41.2

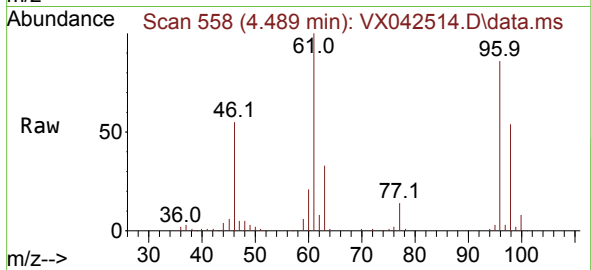
83 14.0 9.8 18.2



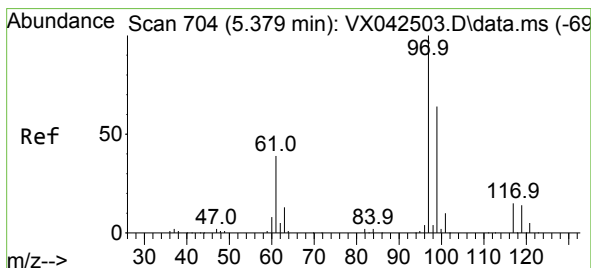
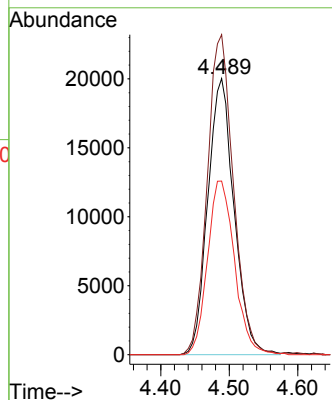
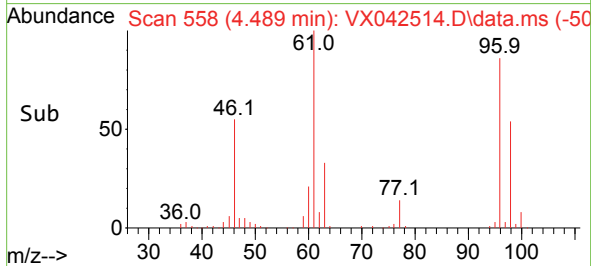


#20
 cis-1,2-Dichloroethene
 Concen: 36.993 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX042514.D
 Acq: 24 Jul 2024 13:54

Instrument :
 MSVOA_X
 ClientSampleId :

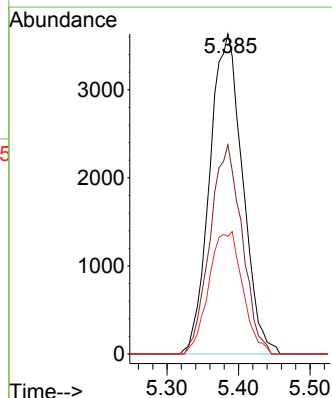
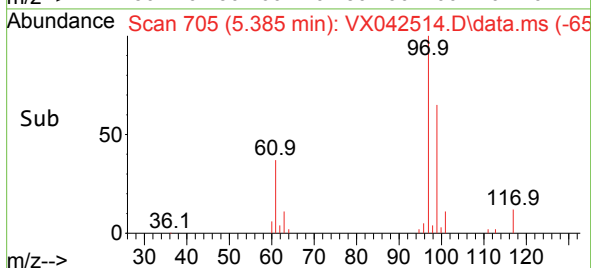
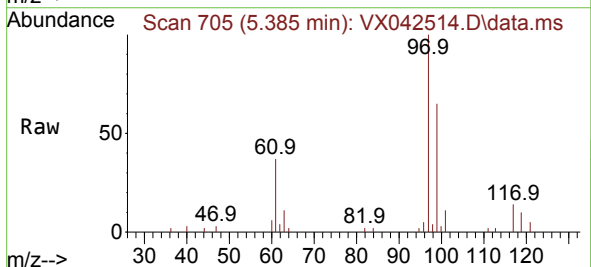


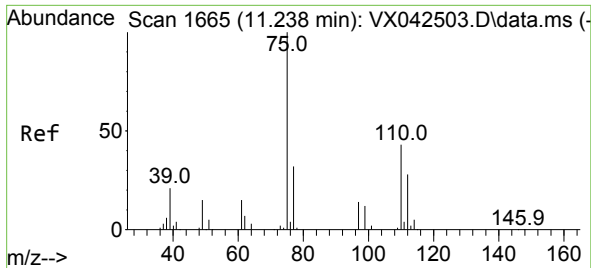
Tgt Ion: 96 Resp: 53400
 Ion Ratio Lower Upper
 96 100
 61 115.9 80.5 149.5
 98 62.8 45.7 84.9



#30
 1,1,1-Trichloroethane
 Concen: 5.938 ug/L
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX042514.D
 Acq: 24 Jul 2024 13:54

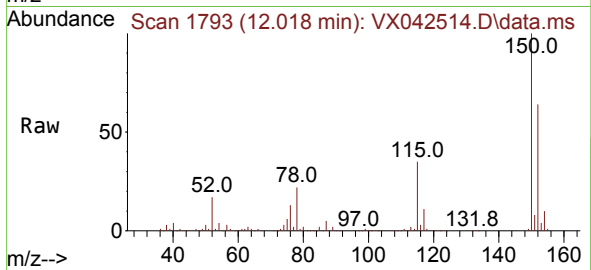
Tgt Ion: 97 Resp: 11593
 Ion Ratio Lower Upper
 97 100
 99 63.7 52.0 78.0
 61 23.8 31.2 46.8#





#61
 1,2,3-Trichloropropane
 Concen: 5.028 ug/L
 RT: 12.018 min Scan# 11
 Delta R.T. 0.780 min
 Lab File: VX042514.D
 Acq: 24 Jul 2024 13:54

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 7642
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8
 110 2.7 35.4 53.0#

