

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 :

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)

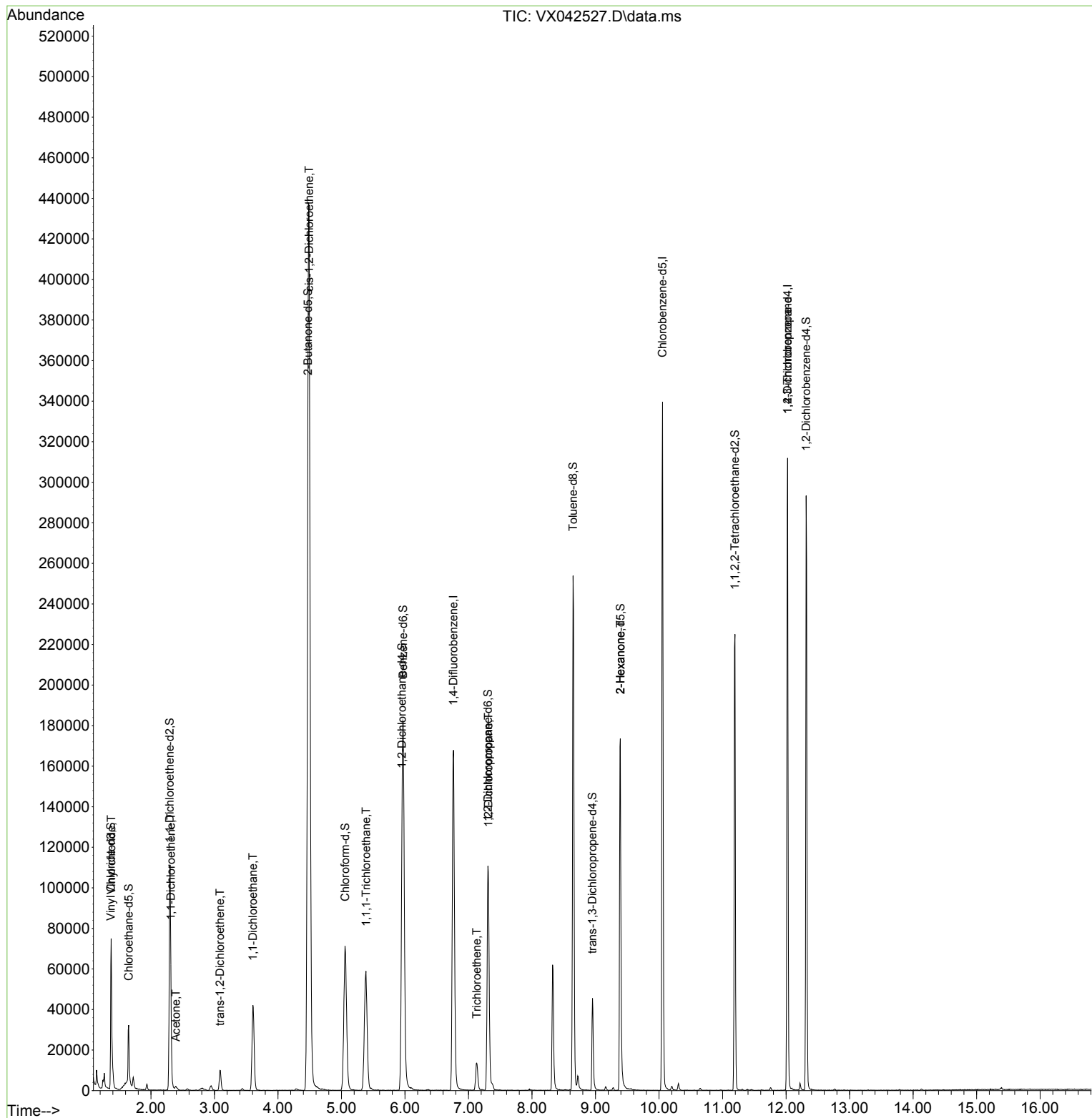
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	187647	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	167162	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	74612	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	29744	27.233	ug/L	0.00
Spiked Amount	50.000	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
37) 1,2-Dichloropropane	7.312	63	6434	5.364	ug/L #	84
48) 2-Hexanone	9.390	43	5938	4.420	ug/L #	68
61) 1,2,3-Trichloropropane	12.024	75	6600	4.982	ug/L #	61

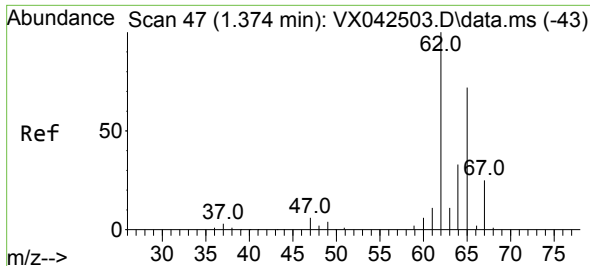
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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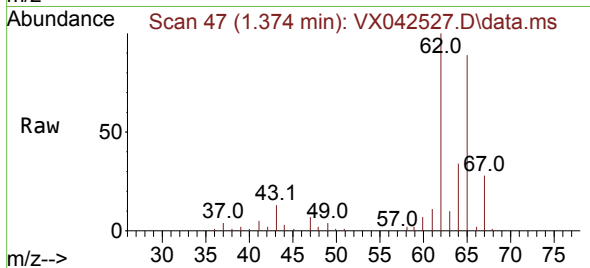
Quant Time: Jul 25 01:46:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 25 01:37:54 2024
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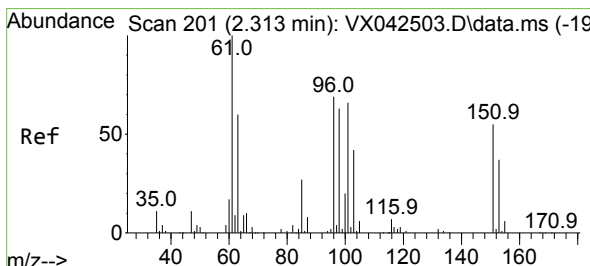
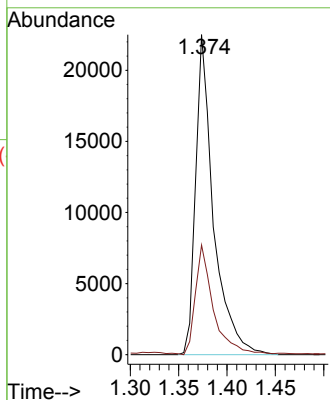
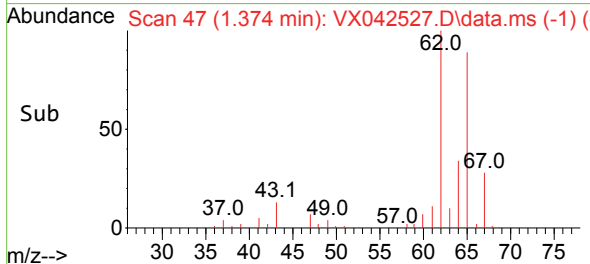


#5
Vinyl chloride
Concen: 21.698 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX042527.D
Acq: 24 Jul 2024 18:57

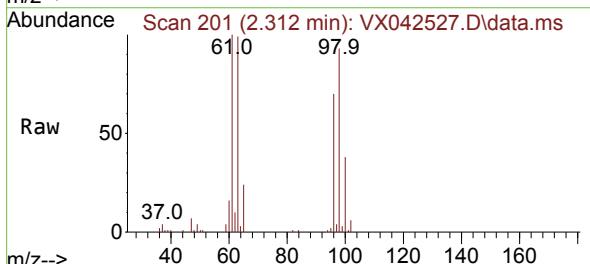
Instrument :
MSVOA_X
ClientSampleId :



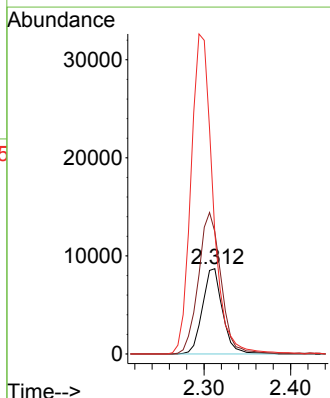
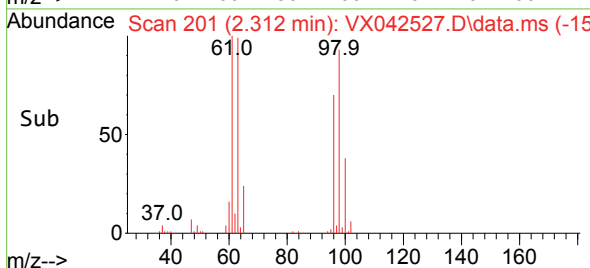
Tgt Ion: 62 Resp: 28947
Ion Ratio Lower Upper
62 100
64 34.3 23.2 43.0

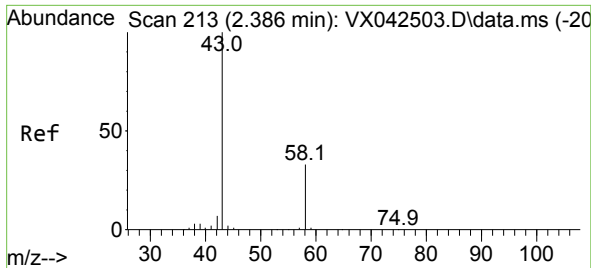


#12
1,1-Dichloroethene
Concen: 12.392 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX042527.D
Acq: 24 Jul 2024 18:57



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

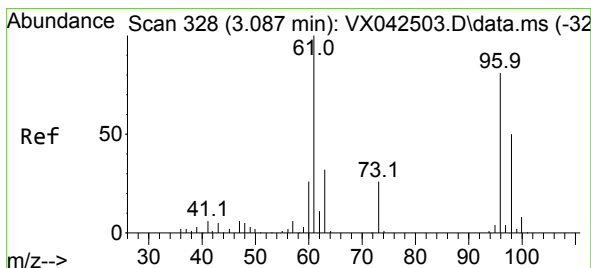
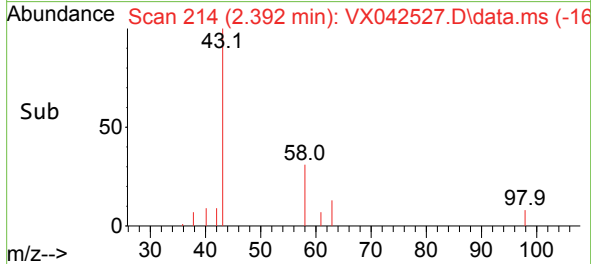
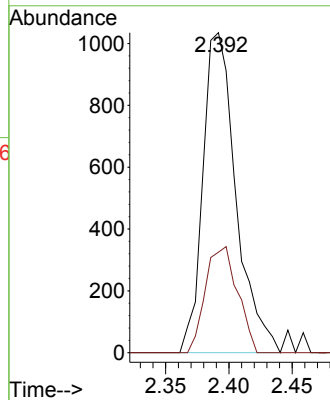
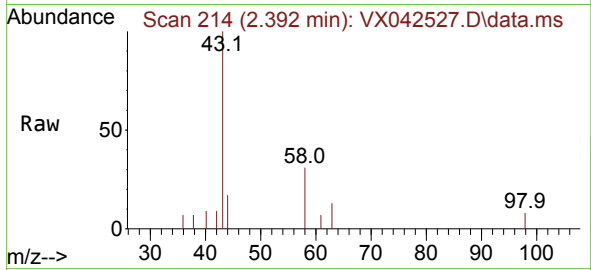
ClientSampleId :

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

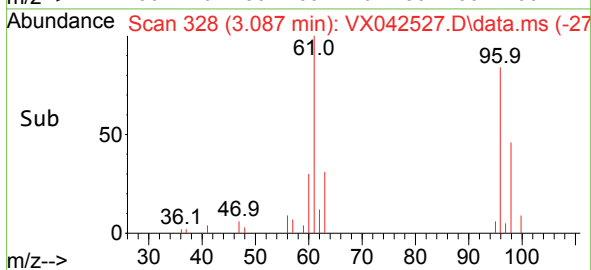
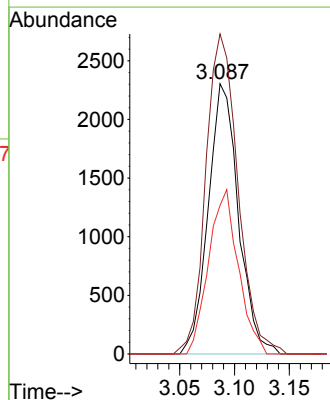
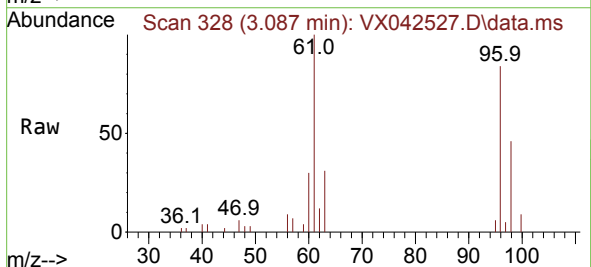
Tgt Ion: 96 Resp: 4413

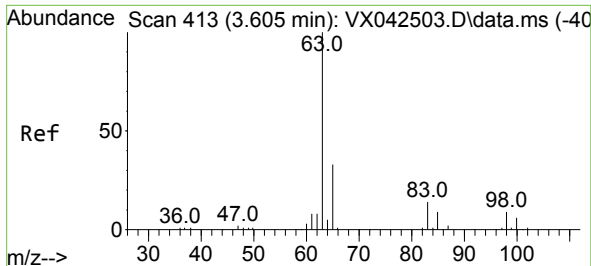
Ion Ratio Lower Upper

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

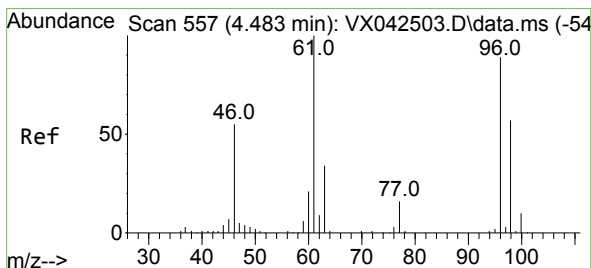
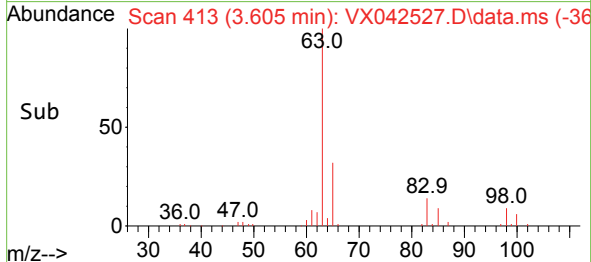
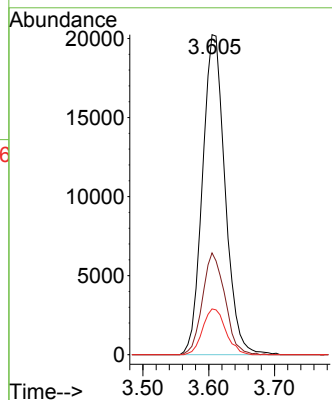
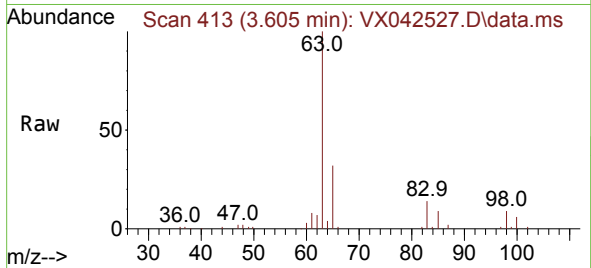
Acq: 24 Jul 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

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

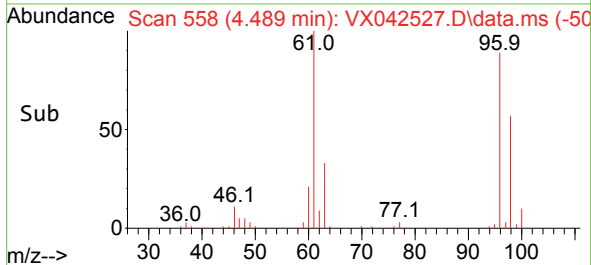
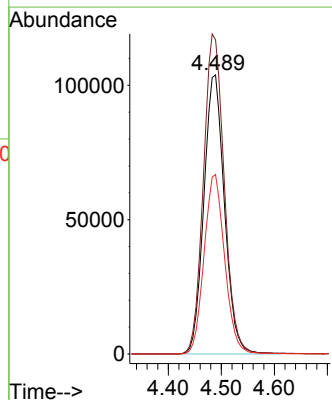
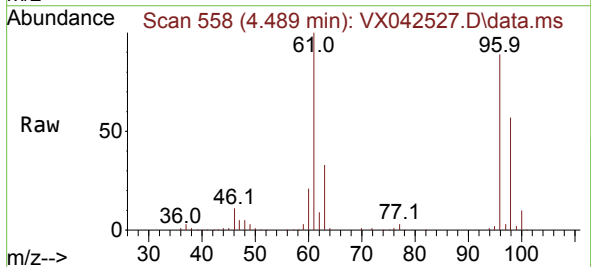
RT: 4.489 min Scan# 558

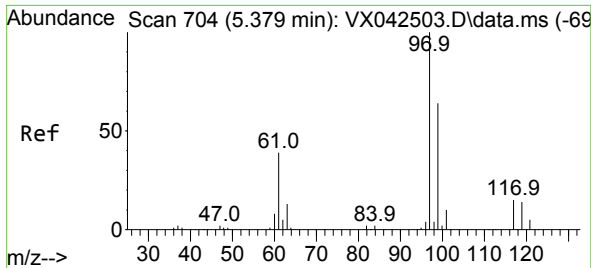
Delta R.T. 0.006 min

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

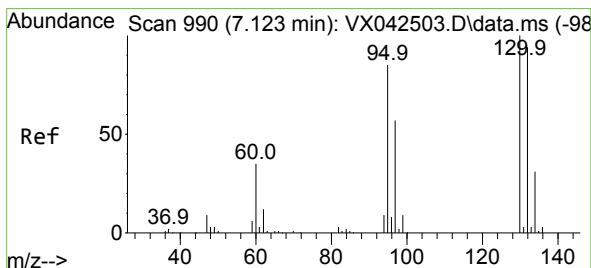
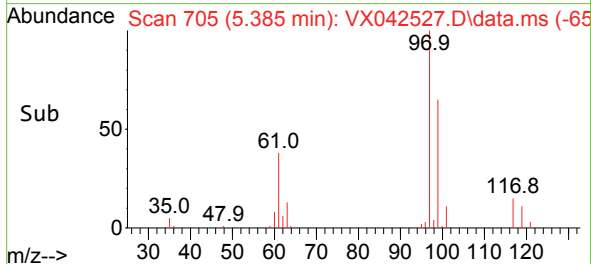
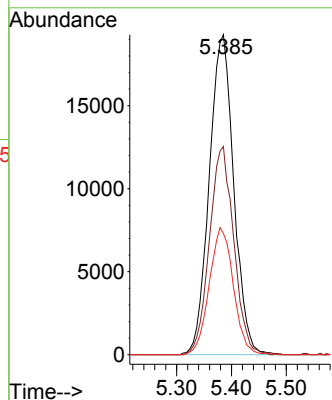
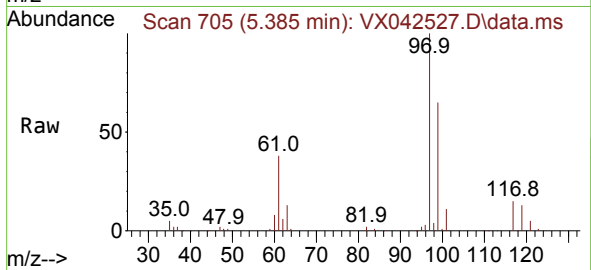




#30
1,1,1-Trichloroethane
Concen: 32.904 ug/L
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX042527.D
Acq: 24 Jul 2024 18:57

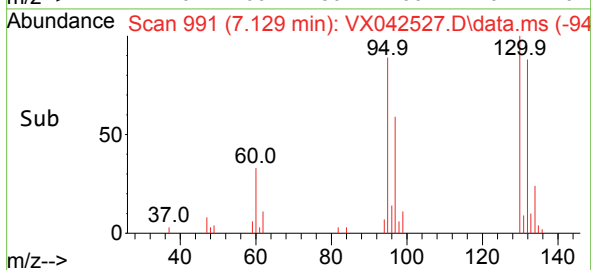
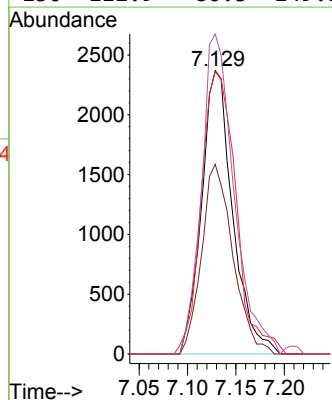
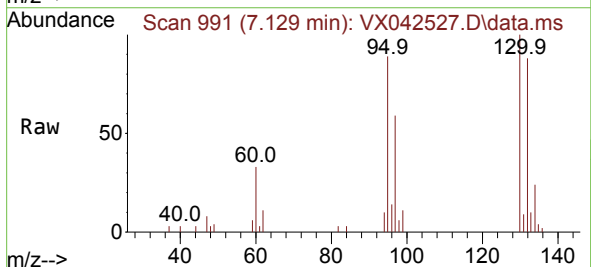
Instrument :
MSVOA_X
ClientSampleId :

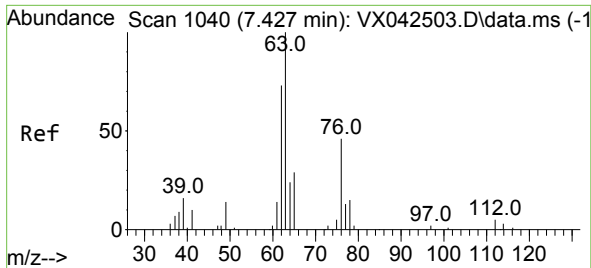
Tgt Ion: 97 Resp: 59883
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 39.0 31.2 46.8



#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





#37

1,2-Dichloropropane

Concen: 5.364 ug/L

RT: 7.312 min Scan# 10

Delta R.T. -0.116 min

Lab File: VX042527.D

Acq: 24 Jul 2024 18:57

Instrument :

MSVOA_X

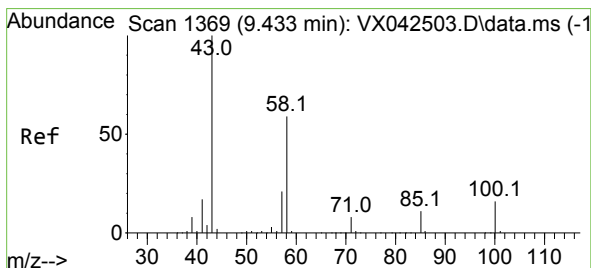
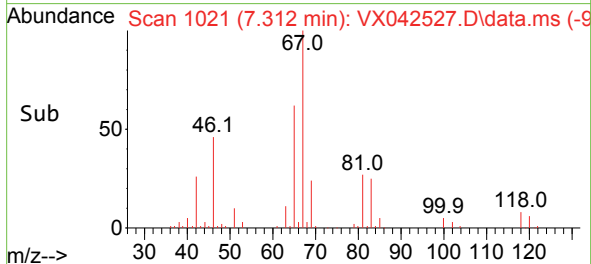
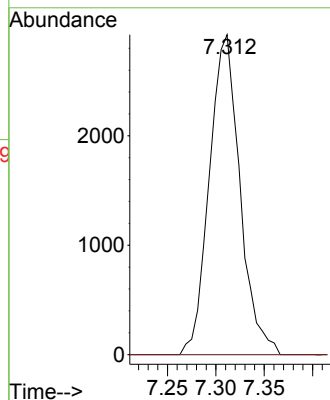
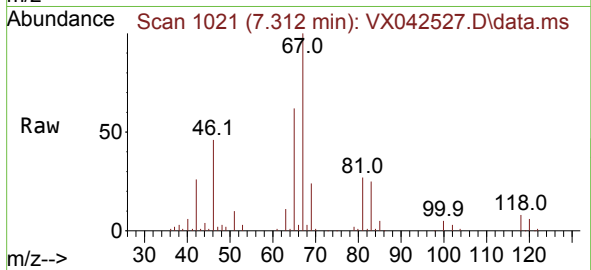
ClientSampleId :

Tgt Ion: 63 Resp: 6434

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#48

2-Hexanone

Concen: 4.420 ug/L

RT: 9.390 min Scan# 1362

Delta R.T. -0.043 min

Lab File: VX042527.D

Acq: 24 Jul 2024 18:57

Tgt Ion: 43 Resp: 5938

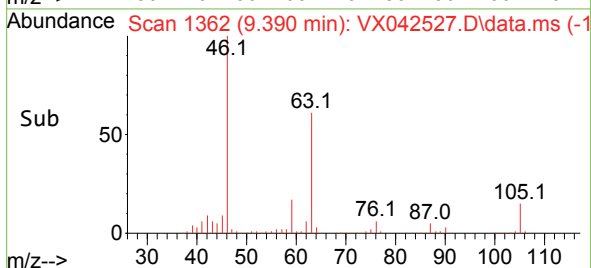
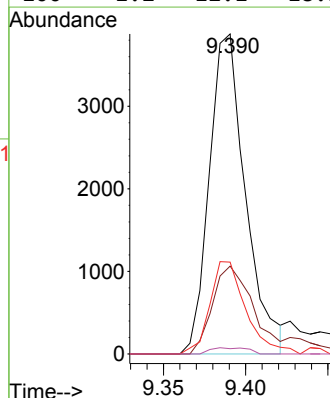
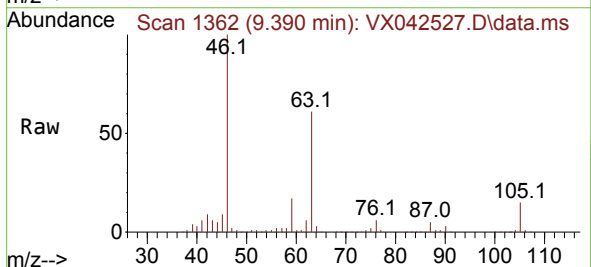
Ion Ratio Lower Upper

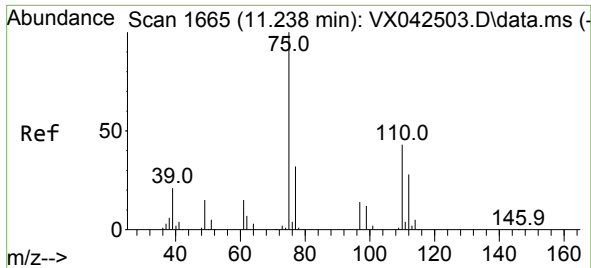
43 100

58 30.7 46.4 69.6#

57 28.7 16.3 24.5#

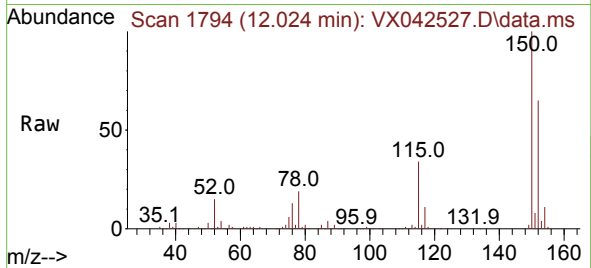
100 1.2 12.1 18.1#





#61
 1,2,3-Trichloropropane
 Concen: 4.982 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX042527.D
 Acq: 24 Jul 2024 18:57

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75	Resp:	6600
Ion	Ratio	Lower Upper
75	100	
77	35.9	25.8 38.8
110	3.3	35.4 53.0#

