

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042485.D
 Acq On : 23 Jul 2024 20:23
 Operator : JC/MD
 Sample : P3327-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:52:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM070324WMA.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)

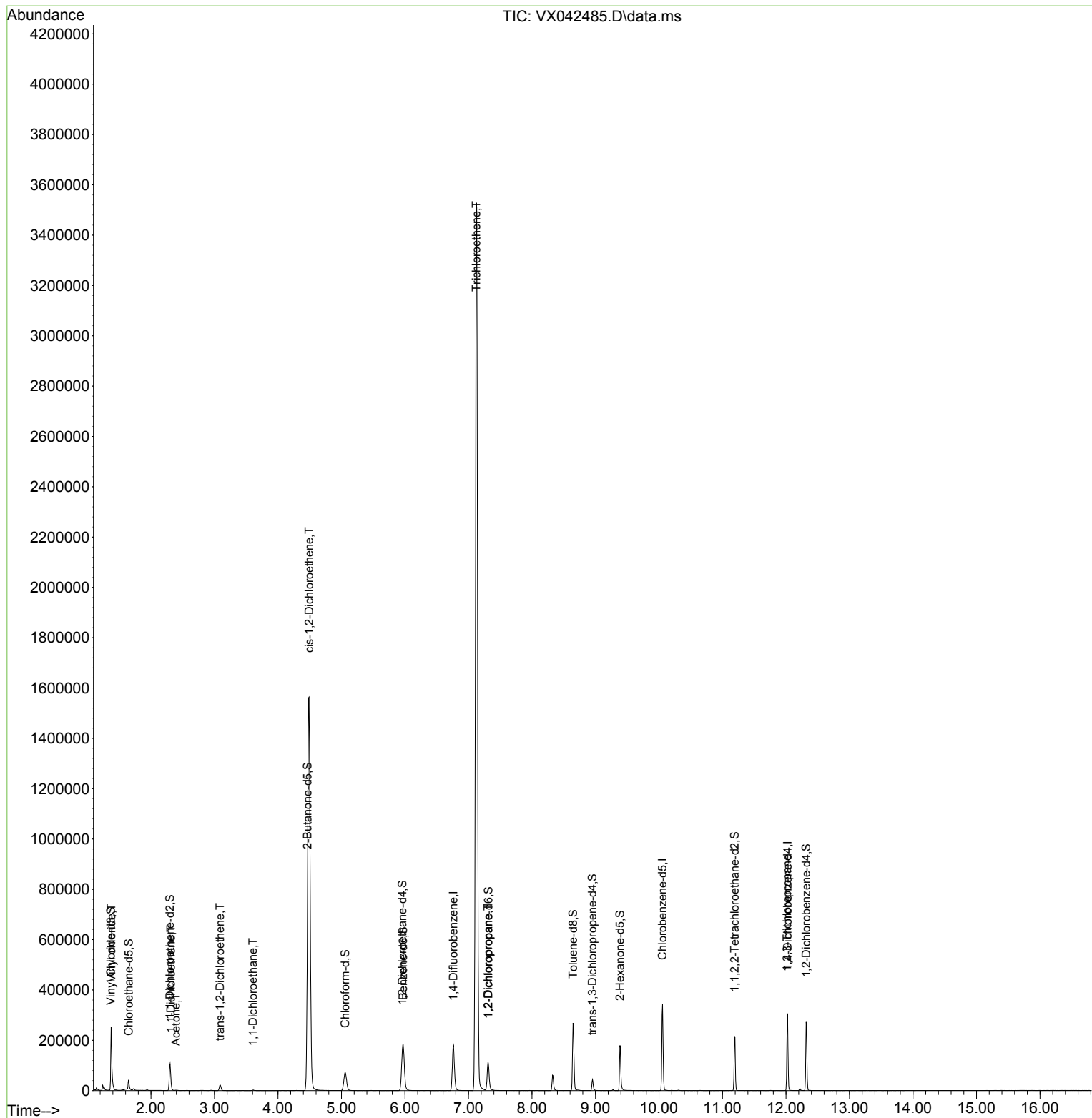
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	195049	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	170362	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	74520	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	35259	31.057	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.120%
7) Chloroethane-d5	1.648	69	27027	37.809	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.620%
11) 1,1-Dichloroethene-d2	2.300	65	17765	35.753	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.500%
21) 2-Butanone-d5	4.465	46	79016	96.579	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.580%
24) Chloroform-d	5.056	84	96272	42.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.340%
26) 1,2-Dichloroethane-d4	5.958	65	61053	45.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.620%
32) Benzene-d6	5.971	84	191072	43.391	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.780%
36) 1,2-Dichloropropane-d6	7.312	67	59916	45.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.420%
41) Toluene-d8	8.647	98	164587	40.108	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.220%
43) trans-1,3-Dichloroprop...	8.952	79	22401	39.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.220%
47) 2-Hexanone-d5	9.385	63	55699	92.596	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.600%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	86908	44.360	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.720%
66) 1,2-Dichlorobenzene-d4	12.317	152	63745	44.041	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.080%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	152161	109.727	ug/L	99
12) 1,1-Dichloroethene	2.313	96	5716	4.852	ug/L #	1
13) Acetone	2.392	43	2123	3.804	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	10305	8.504	ug/L	96
19) 1,1-Dichloroethane	3.605	63	2960	1.360	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	1047704	735.970	ug/L	99
34) Trichloroethene	7.123	95	1398451	1120.639	ug/L	96
37) 1,2-Dichloropropane	7.306	63	6367	5.209	ug/L #	84
61) 1,2,3-Trichloropropane	12.018	75	6772	5.118	ug/L #	63

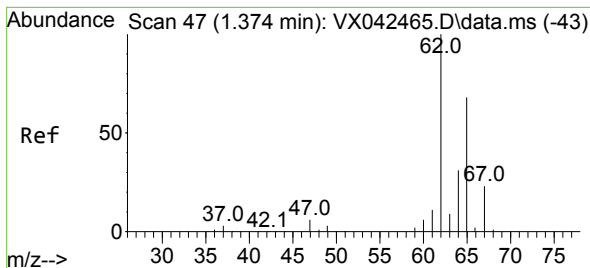
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 24 03:44:32 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 109.727 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042485.D

Acq: 23 Jul 2024 20:23

Instrument :

MSVOA_X

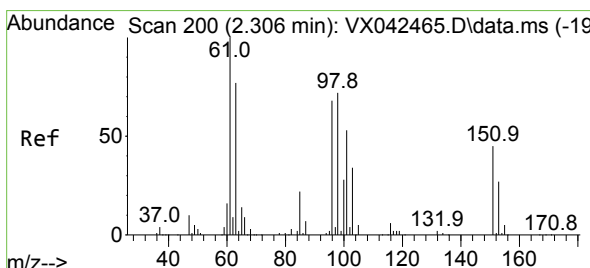
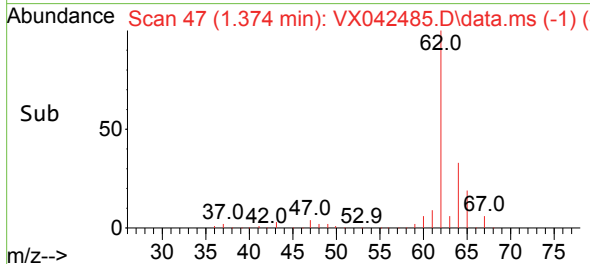
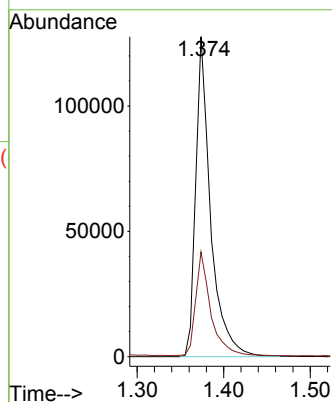
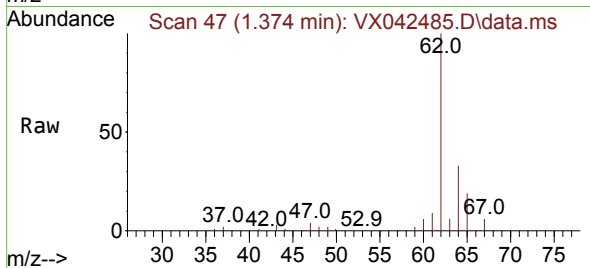
ClientSampleId :

Tgt Ion: 62 Resp: 152161

Ion Ratio Lower Upper

62 100

64 32.7 23.2 43.0



#12

1,1-Dichloroethene

Concen: 4.852 ug/L

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX042485.D

Acq: 23 Jul 2024 20:23

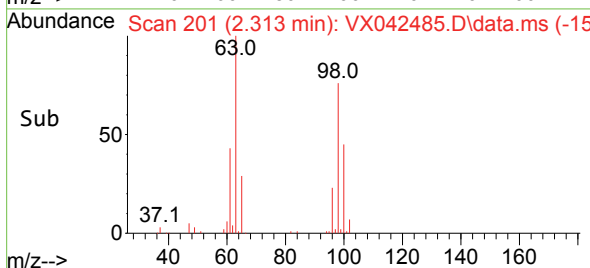
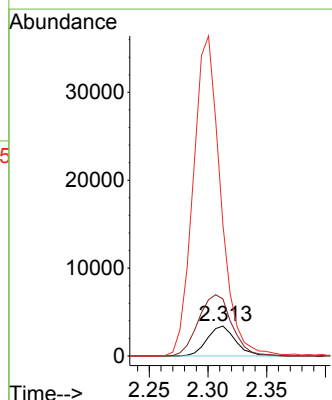
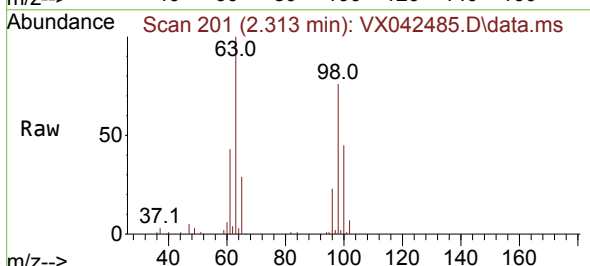
Tgt Ion: 96 Resp: 5716

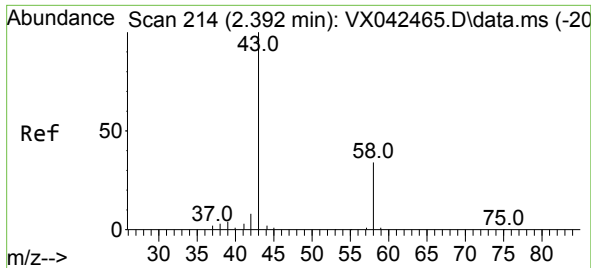
Ion Ratio Lower Upper

96 100

61 190.2 106.7 198.1

63 438.4 89.2 165.6#





#13

Acetone

Concen: 3.804 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX042485.D

Acq: 23 Jul 2024 20:23

Instrument :

MSVOA_X

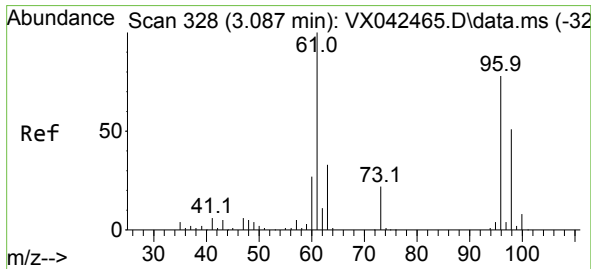
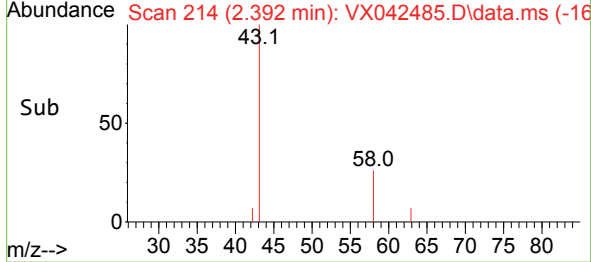
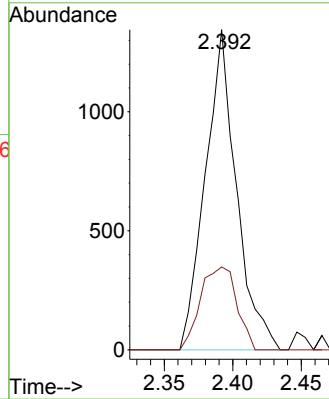
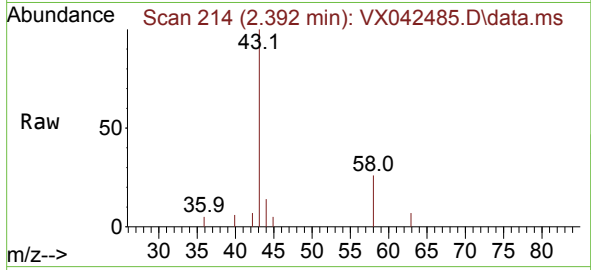
ClientSampleId :

Tgt Ion: 43 Resp: 2123

Ion Ratio Lower Upper

43 100

58 30.1 0.0 62.6



#17

trans-1,2-Dichloroethene

Concen: 8.504 ug/L

RT: 3.087 min Scan# 328

Delta R.T. 0.000 min

Lab File: VX042485.D

Acq: 23 Jul 2024 20:23

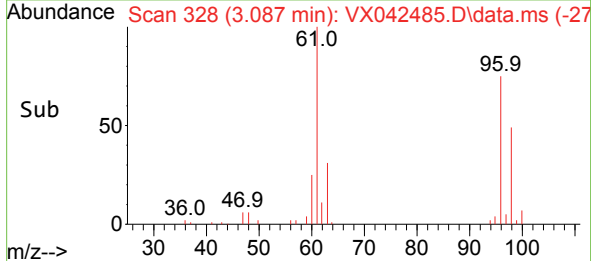
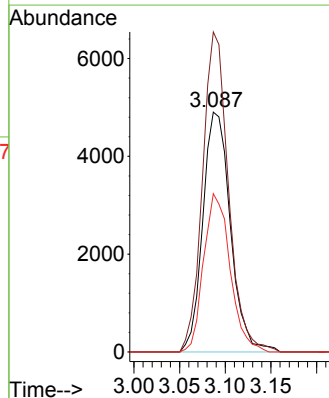
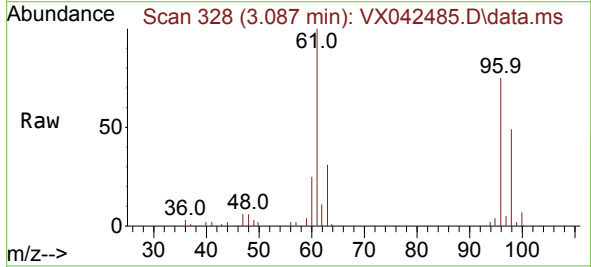
Tgt Ion: 96 Resp: 10305

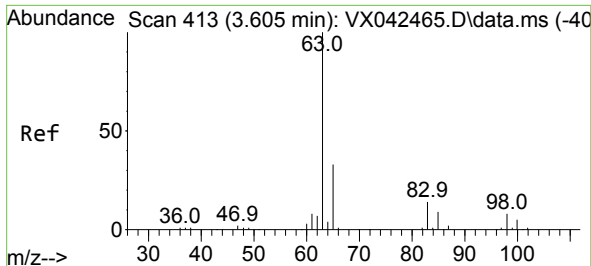
Ion Ratio Lower Upper

96 100

61 133.4 88.4 164.2

98 66.0 46.5 86.5





#19

1,1-Dichloroethane

Concen: 1.360 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

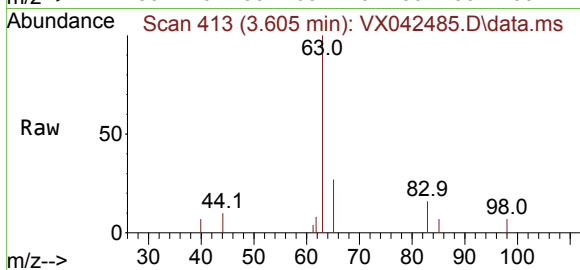
Lab File: VX042485.D

Acq: 23 Jul 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :



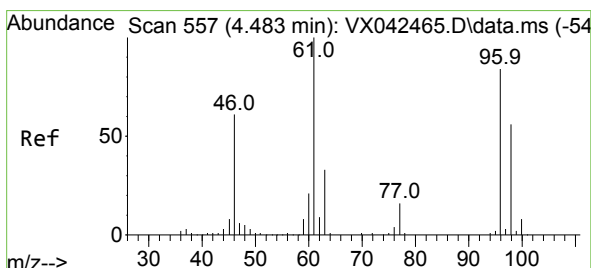
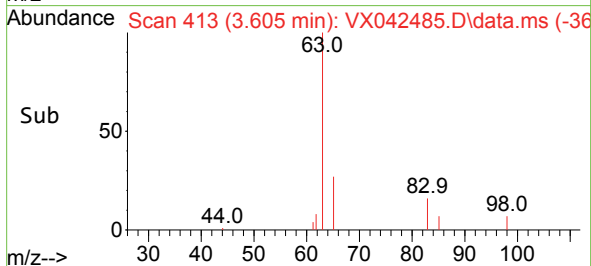
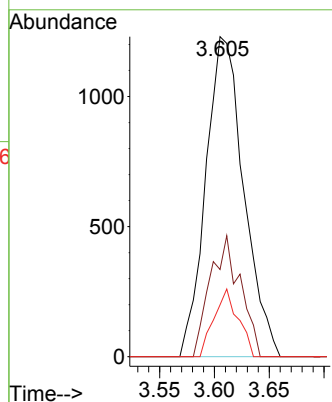
Tgt Ion: 63 Resp: 2960

Ion Ratio Lower Upper

63 100

65 27.2 22.2 41.2

83 16.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 735.970 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042485.D

Acq: 23 Jul 2024 20:23

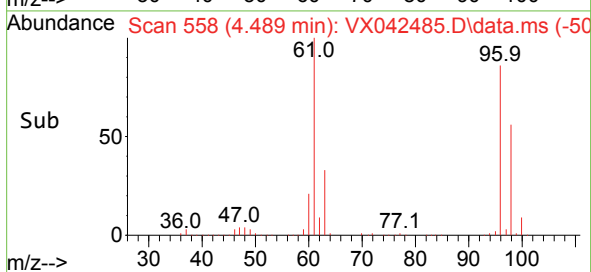
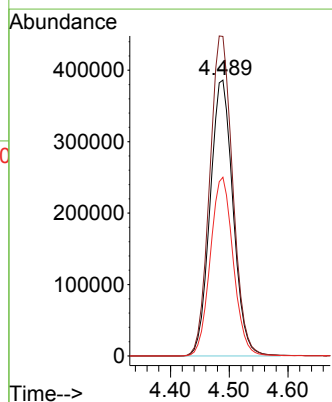
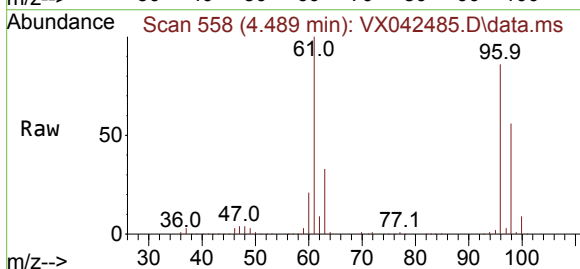
Tgt Ion: 96 Resp: 1047704

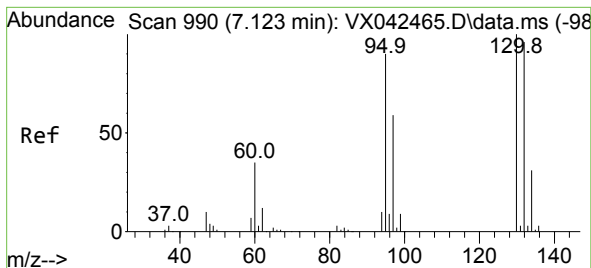
Ion Ratio Lower Upper

96 100

61 115.9 80.5 149.5

98 64.8 45.7 84.9





#34

Trichloroethene

Concen: 1120.639 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

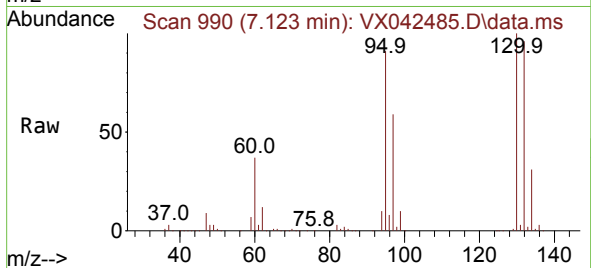
Lab File: VX042485.D

Acq: 23 Jul 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 1398451

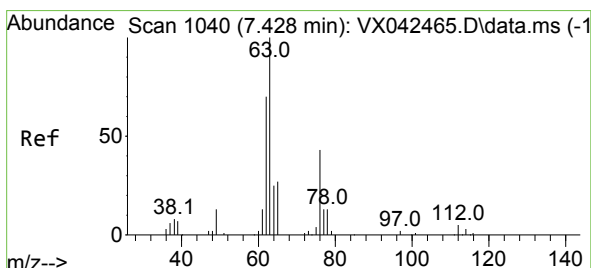
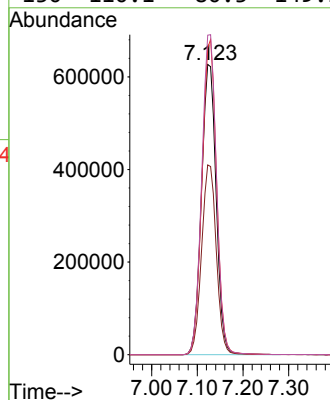
Ion Ratio Lower Upper

95 100

97 65.4 45.1 83.7

132 105.7 77.2 143.4

130 110.1 80.3 149.1



#37

1,2-Dichloropropane

Concen: 5.209 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX042485.D

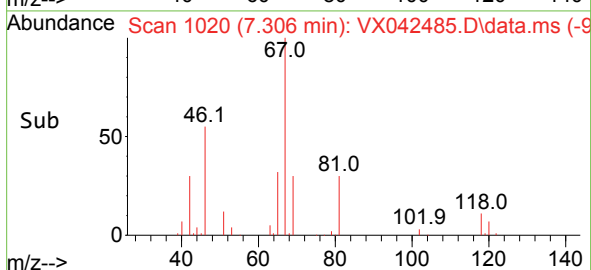
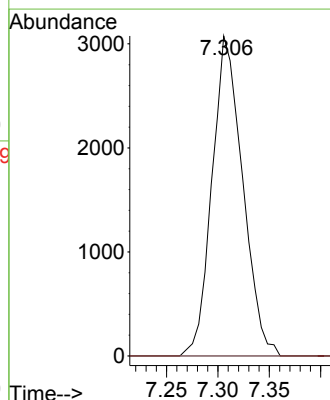
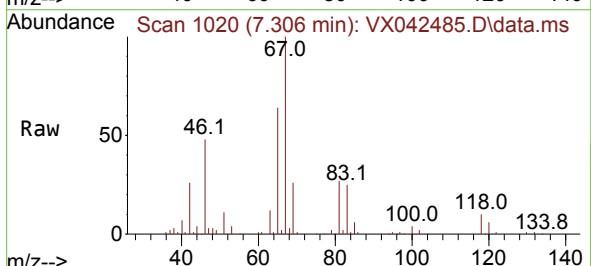
Acq: 23 Jul 2024 20:23

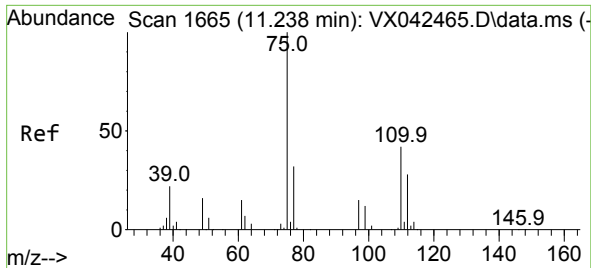
Tgt Ion: 63 Resp: 6367

Ion Ratio Lower Upper

63 100

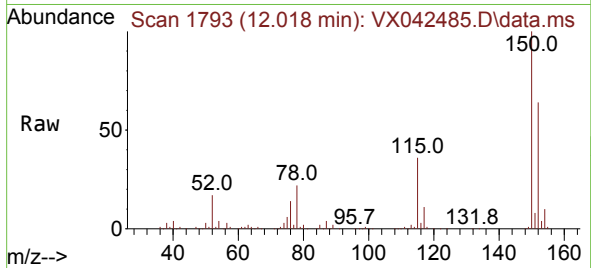
112 0.0 4.3 6.5#





#61
 1,2,3-Trichloropropane
 Concen: 5.118 ug/L
 RT: 12.018 min Scan# 11
 Delta R.T. 0.780 min
 Lab File: VX042485.D
 Acq: 23 Jul 2024 20:23

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75	Resp:	6772
Ion	Ratio	Lower Upper
75	100	
77	32.6	25.8 38.8
110	2.8	35.4 53.0#

