

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042495.D
 Acq On : 24 Jul 2024 00:36
 Operator : JC/MD
 Sample : P3327-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20F6

Quant Time: Jul 24 06:27:12 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)

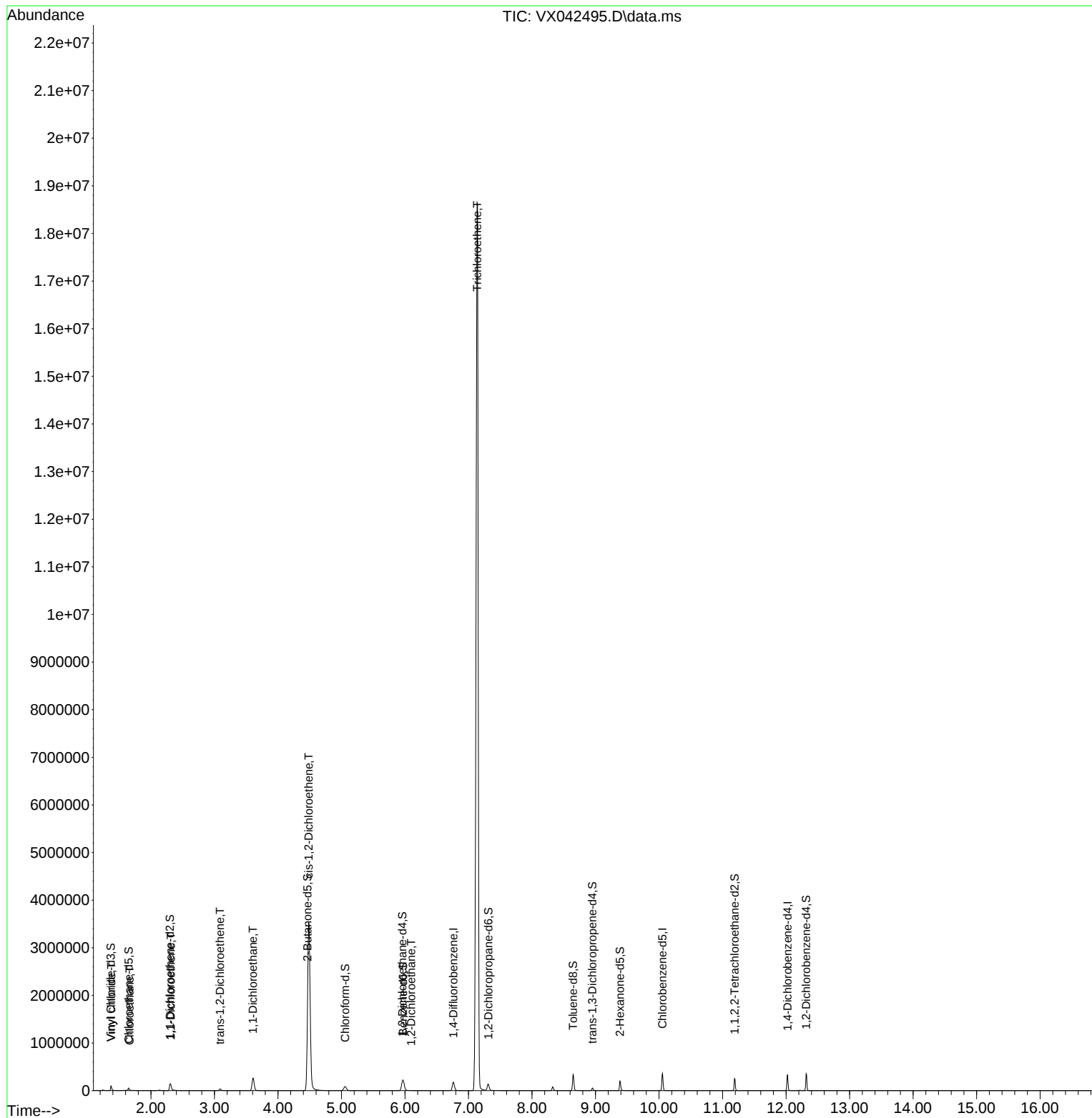
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	201192	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	179242	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	49565	42.325	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.640%
7) Chloroethane-d5	1.648	69	34225	46.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.840%
11) 1,1-Dichloroethene-d2	2.300	65	23339	45.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.080%
21) 2-Butanone-d5	4.465	46	81630	96.728	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.730%
24) Chloroform-d	5.056	84	114075	48.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.900%
26) 1,2-Dichloroethane-d4	5.958	65	72772	52.362	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.720%
32) Benzene-d6	5.970	84	235170	50.760	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.520%
36) 1,2-Dichloropropane-d6	7.312	67	71722	51.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.880%
41) Toluene-d8	8.647	98	209970	48.633	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.260%
43) trans-1,3-Dichloroprop...	8.952	79	28450	47.213	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.420%
47) 2-Hexanone-d5	9.384	63	61034	96.439	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.440%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	99413	48.229	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.460%
66) 1,2-Dichlorobenzene-d4	12.317	152	82158	52.407	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.820%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	32078	22.426	ug/L	94
8) Chloroethane	1.666	64	3524	4.943	ug/L	98
12) 1,1-Dichloroethene	2.313	96	28503	23.455	ug/L #	77
17) trans-1,2-Dichloroethene	3.087	96	18426	14.742	ug/L	95
19) 1,1-Dichloroethane	3.605	63	308227	137.327	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	2452259	1670.018	ug/L	99
27) 1,2-Dichloroethane	6.098	62	2914	1.671	ug/L	97
34) Trichloroethene	7.135	95	7607338	5794.074	ug/L	94

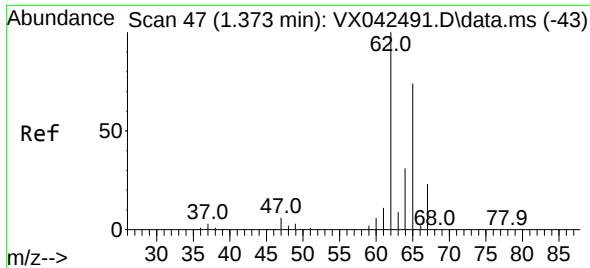
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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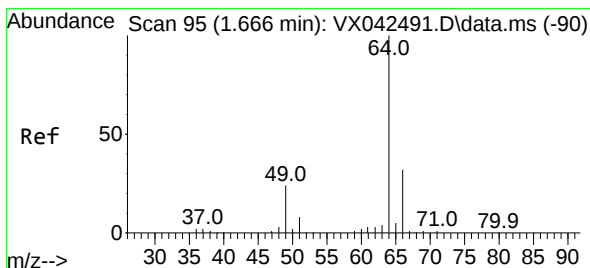
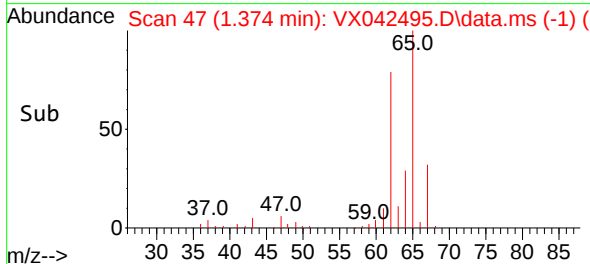
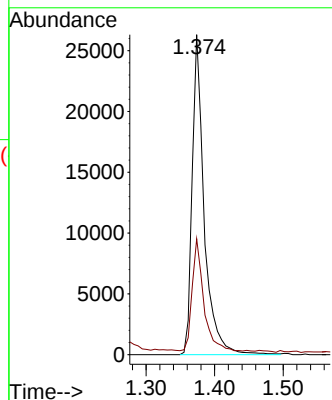
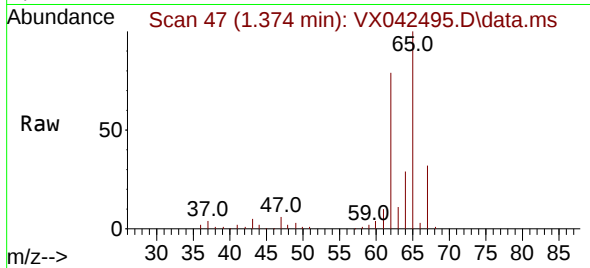




#5
Vinyl chloride
Concen: 22.426 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX042495.D
Acq: 24 Jul 2024 00:36

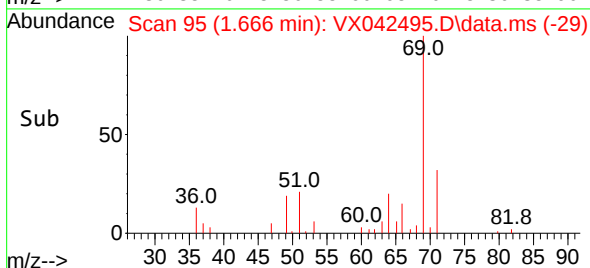
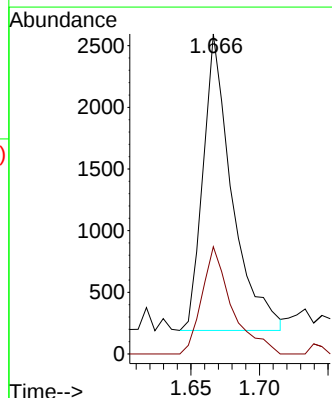
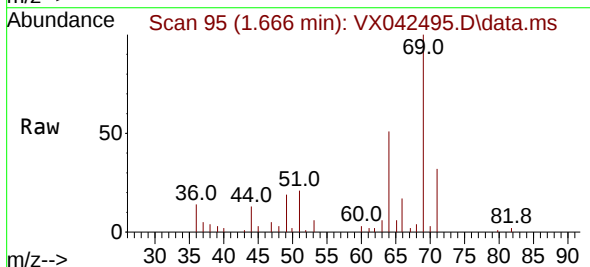
Instrument :
MSVOA_X
ClientSampleId :
E20F6

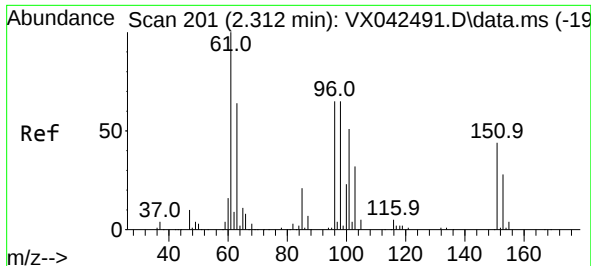
Tgt Ion: 62 Resp: 32078
Ion Ratio Lower Upper
62 100
64 36.2 23.2 43.0



#8
Chloroethane
Concen: 4.943 ug/L
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX042495.D
Acq: 24 Jul 2024 00:36

Tgt Ion: 64 Resp: 3524
Ion Ratio Lower Upper
64 100
66 33.5 22.5 41.7





#12

1,1-Dichloroethene

Concen: 23.455 ug/L

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX042495.D

Acq: 24 Jul 2024 00:36

Instrument :

MSVOA_X

ClientSampleId :

E20F6

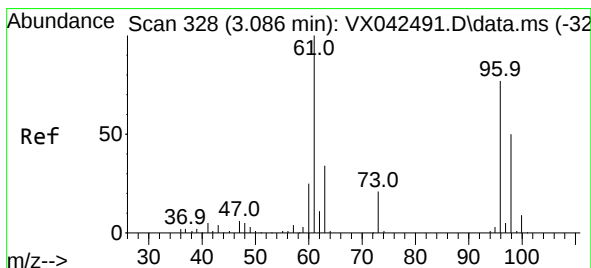
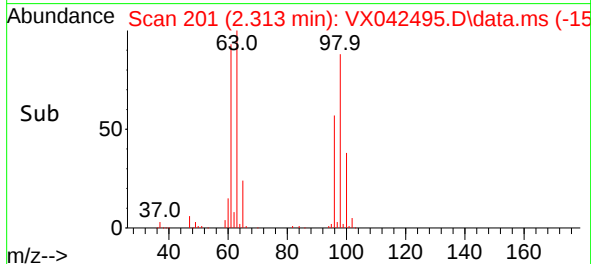
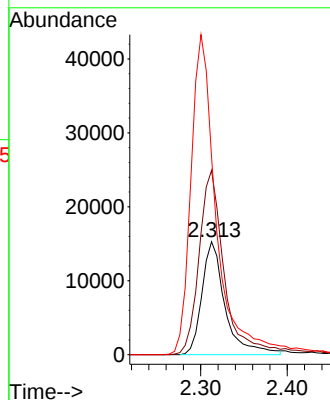
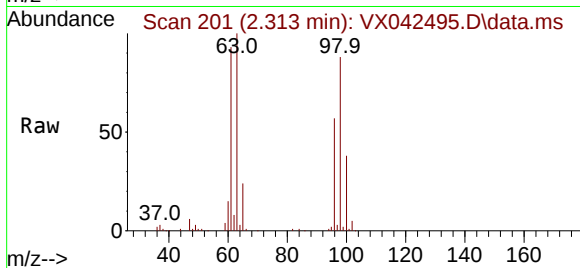
Tgt Ion: 96 Resp: 28503

Ion Ratio Lower Upper

96 100

61 163.2 106.7 198.1

63 174.9 89.2 165.6#



#17

trans-1,2-Dichloroethene

Concen: 14.742 ug/L

RT: 3.087 min Scan# 328

Delta R.T. -0.000 min

Lab File: VX042495.D

Acq: 24 Jul 2024 00:36

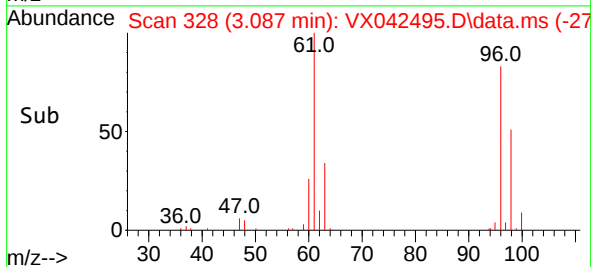
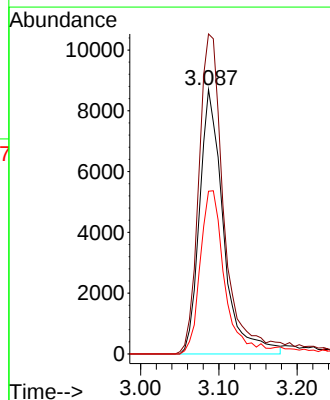
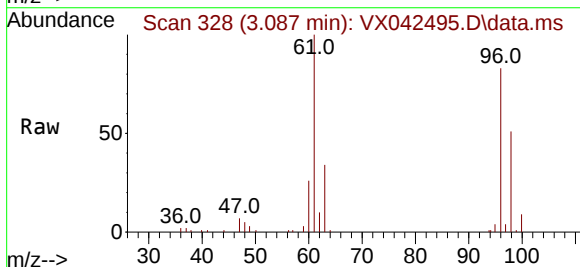
Tgt Ion: 96 Resp: 18426

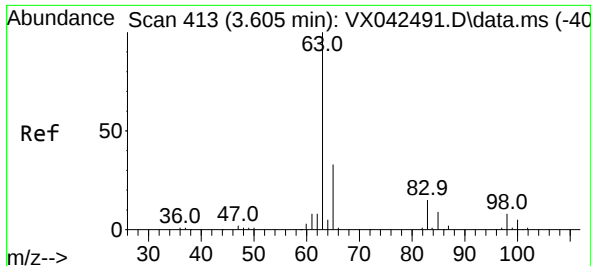
Ion Ratio Lower Upper

96 100

61 121.0 88.4 164.2

98 61.5 46.5 86.5





#19

1,1-Dichloroethane

Concen: 137.327 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042495.D

Acq: 24 Jul 2024 00:36

Instrument :

MSVOA_X

ClientSampleId :

E20F6

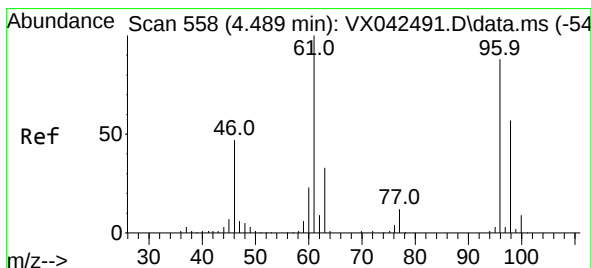
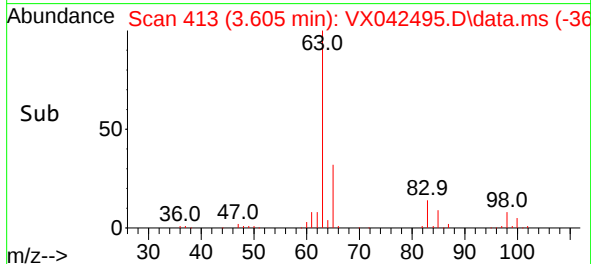
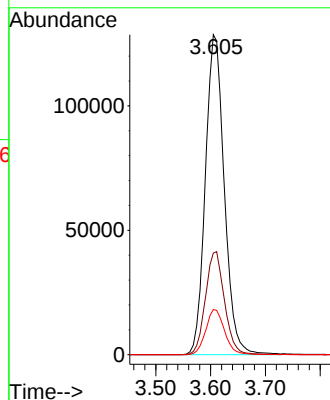
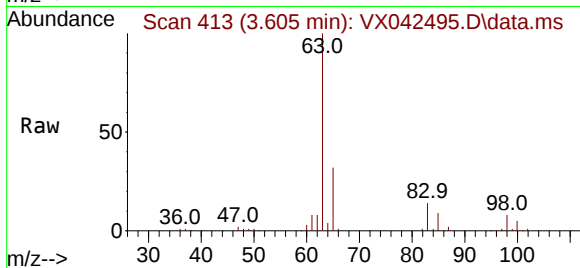
Tgt Ion: 63 Resp: 308227

Ion Ratio Lower Upper

63 100

65 31.8 22.2 41.2

83 14.1 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 1670.018 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX042495.D

Acq: 24 Jul 2024 00:36

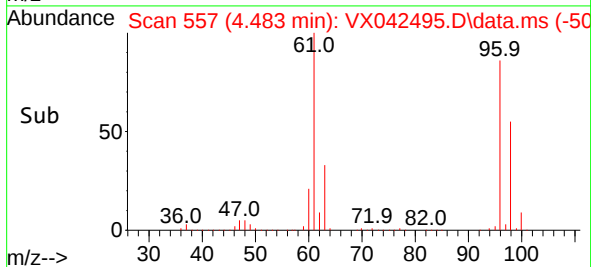
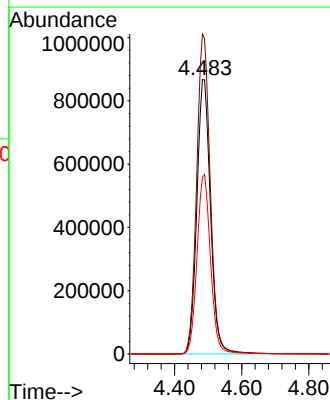
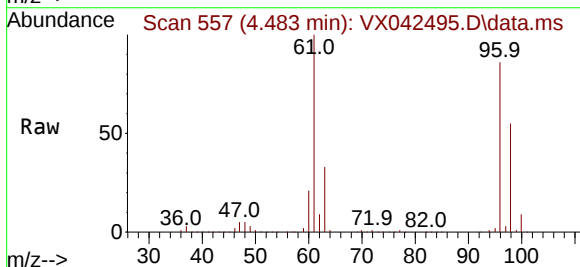
Tgt Ion: 96 Resp: 2452259

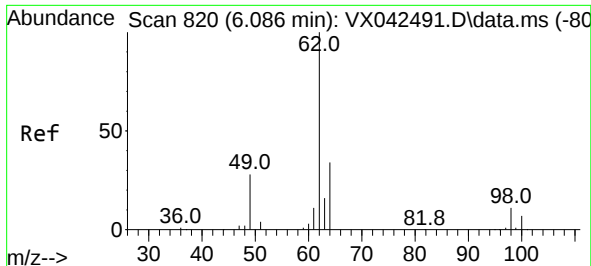
Ion Ratio Lower Upper

96 100

61 116.6 80.5 149.5

98 64.3 45.7 84.9





#27

1,2-Dichloroethane

Concen: 1.671 ug/L

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX042495.D

Acq: 24 Jul 2024 00:36

Instrument :

MSVOA_X

ClientSampleId :

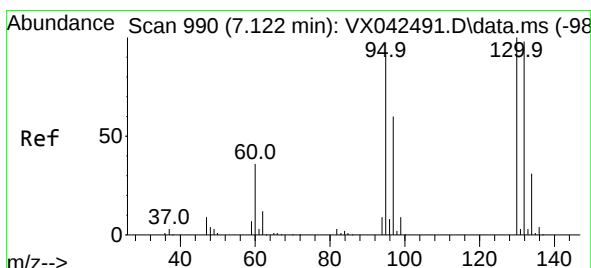
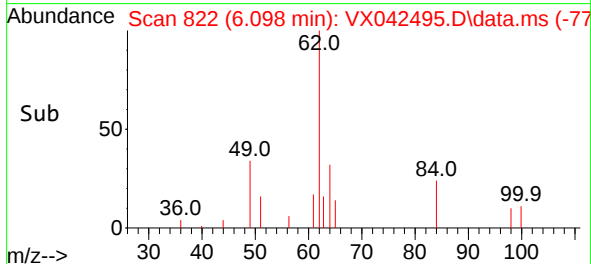
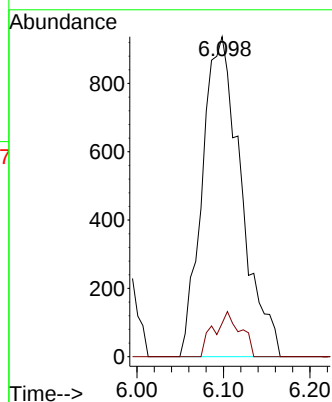
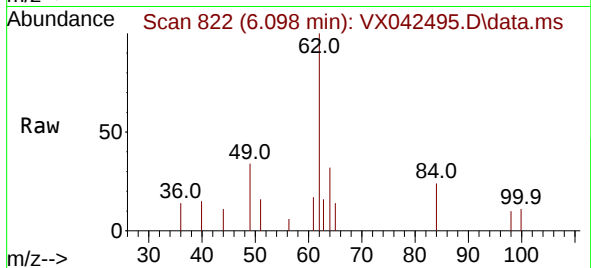
E20F6

Tgt Ion: 62 Resp: 2914

Ion Ratio Lower Upper

62 100

98 10.5 9.3 13.9



#34

Trichloroethene

Concen: 5794.074 ug/L

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX042495.D

Acq: 24 Jul 2024 00:36

Tgt Ion: 95 Resp: 7607338

Ion Ratio Lower Upper

95 100

97 69.4 45.1 83.7

132 104.4 77.2 143.4

130 107.1 80.3 149.1

