

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042486.D
 Acq On : 23 Jul 2024 20:46
 Operator : JC/MD
 Sample : P3327-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E1ZX2

Quant Time: Jul 24 03:52:48 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)

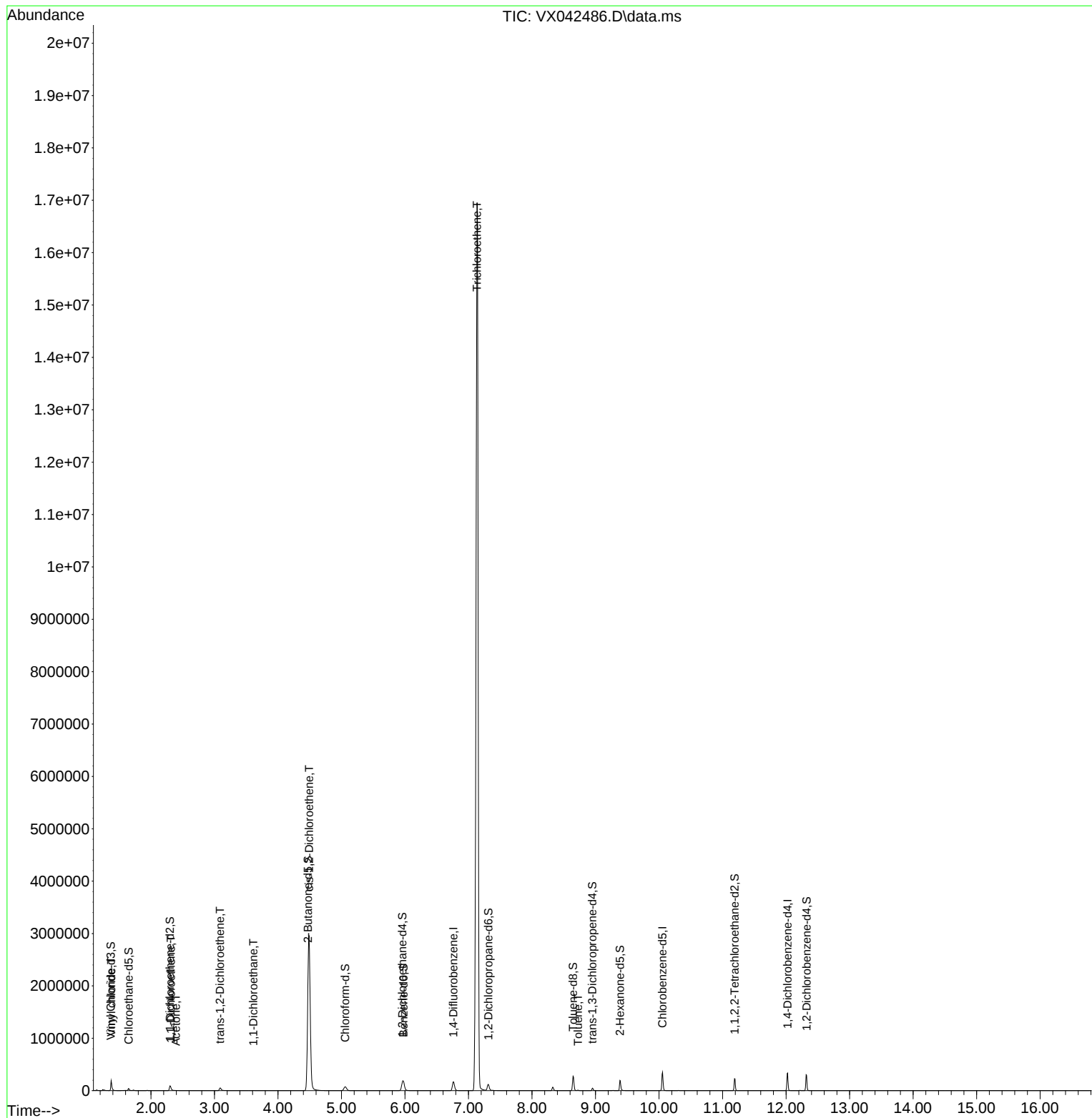
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	189800	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	174160	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80674	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	34548	31.272	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.540%
7) Chloroethane-d5	1.648	69	28136	40.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.900%
11) 1,1-Dichloroethene-d2	2.300	65	17146	35.462	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.920%
21) 2-Butanone-d5	4.471	46	77206	96.976	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.980%
24) Chloroform-d	5.056	84	97827	44.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.080%
26) 1,2-Dichloroethane-d4	5.958	65	63075	48.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.220%
32) Benzene-d6	5.976	84	198553	44.107	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.220%
36) 1,2-Dichloropropane-d6	7.311	67	61019	45.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.080%
41) Toluene-d8	8.647	98	169915	40.504	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.951	79	24612	42.036	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.080%
47) 2-Hexanone-d5	9.384	63	60606	98.557	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.560%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	92993	46.431	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.860%
66) 1,2-Dichlorobenzene-d4	12.323	152	73047	46.617	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.240%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	102856	76.223	ug/L	99
12) 1,1-Dichloroethene	2.312	96	7136	6.225	ug/L #	1
13) Acetone	2.392	43	1592	2.931	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	26436	22.420	ug/L	96
19) 1,1-Dichloroethane	3.611	63	3327	1.571	ug/L #	83
20) cis-1,2-Dichloroethene	4.489	96	2021627	1459.386	ug/L	99
34) Trichloroethene	7.135	95	6764675	5302.609	ug/L	94
42) Toluene	8.726	91	6202	1.193	ug/L	88

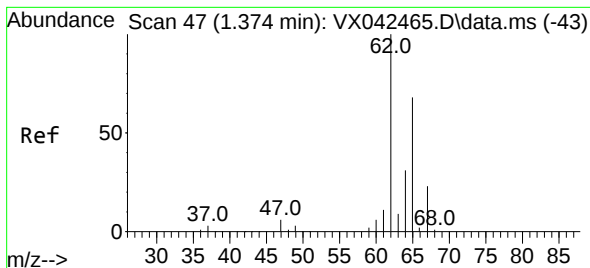
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 24 03:44:32 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 76.223 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042486.D

Acq: 23 Jul 2024 20:46

Instrument :

MSVOA_X

ClientSampleId :

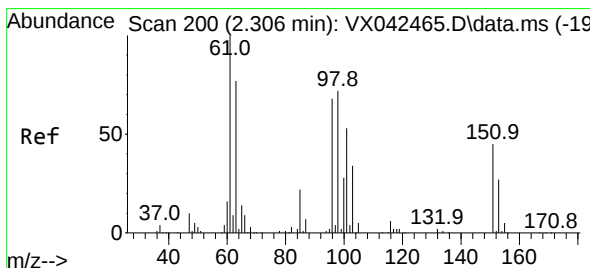
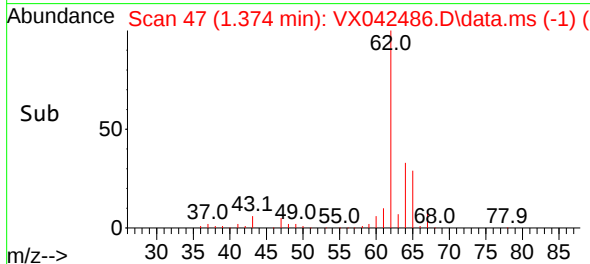
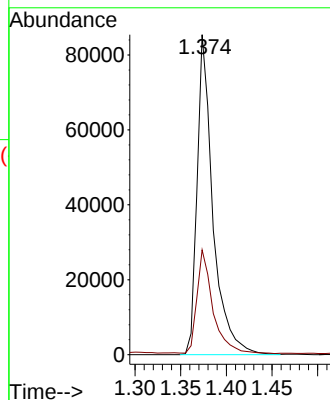
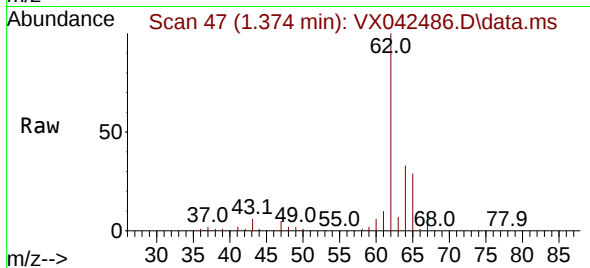
E1ZX2

Tgt Ion: 62 Resp: 102856

Ion Ratio Lower Upper

62 100

64 32.8 23.2 43.0



#12

1,1-Dichloroethene

Concen: 6.225 ug/L

RT: 2.312 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX042486.D

Acq: 23 Jul 2024 20:46

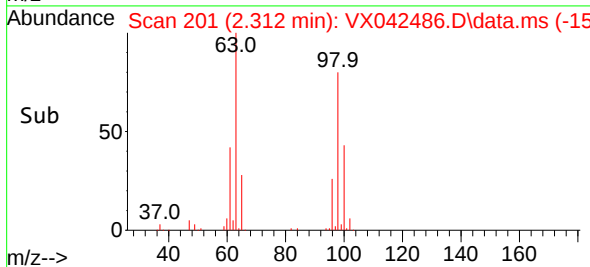
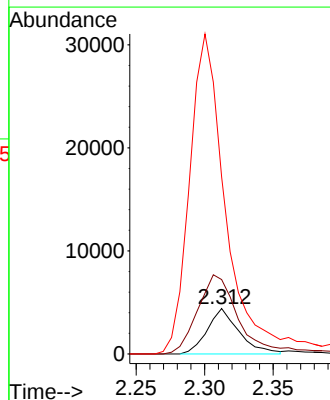
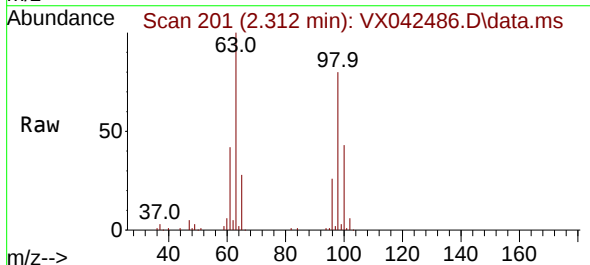
Tgt Ion: 96 Resp: 7136

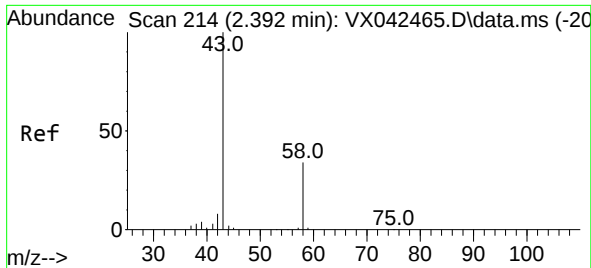
Ion Ratio Lower Upper

96 100

61 163.6 106.7 198.1

63 389.0 89.2 165.6#





#13

Acetone

Concen: 2.931 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042486.D

Acq: 23 Jul 2024 20:46

Instrument :

MSVOA_X

ClientSampleId :

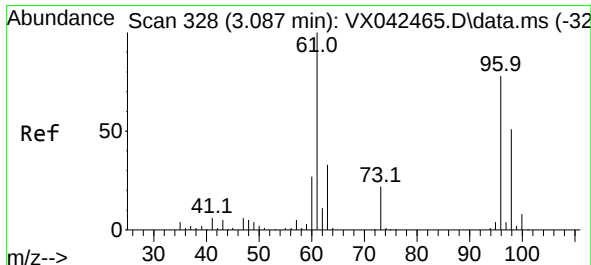
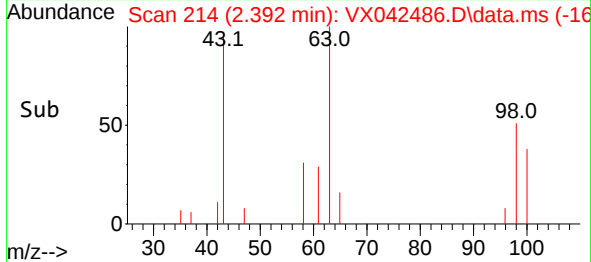
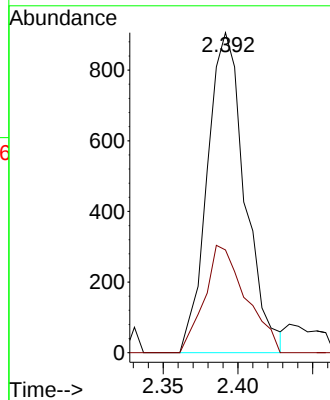
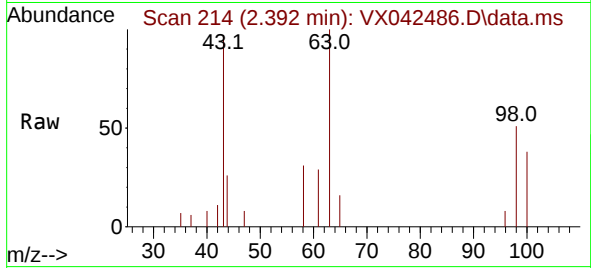
E1ZX2

Tgt Ion: 43 Resp: 1592

Ion Ratio Lower Upper

43 100

58 36.9 0.0 62.6



#17

trans-1,2-Dichloroethene

Concen: 22.420 ug/L

RT: 3.087 min Scan# 328

Delta R.T. -0.000 min

Lab File: VX042486.D

Acq: 23 Jul 2024 20:46

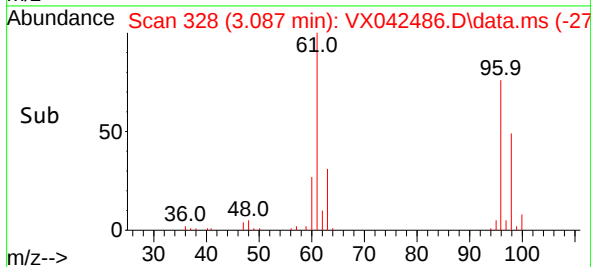
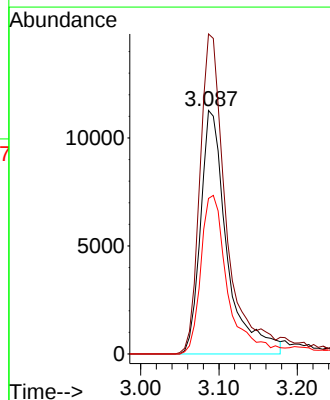
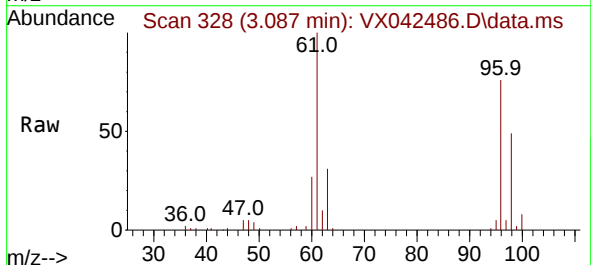
Tgt Ion: 96 Resp: 26436

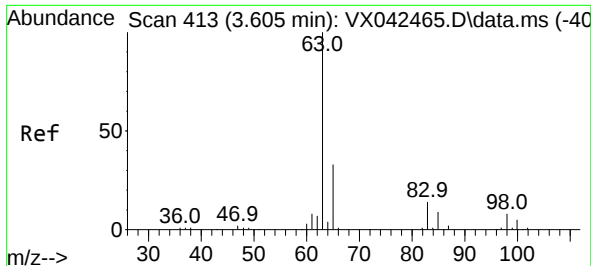
Ion Ratio Lower Upper

96 100

61 131.4 88.4 164.2

98 63.8 46.5 86.5





#19

1,1-Dichloroethane

Concen: 1.571 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX042486.D

Acq: 23 Jul 2024 20:46

Instrument :

MSVOA_X

ClientSampleId :

E1ZX2

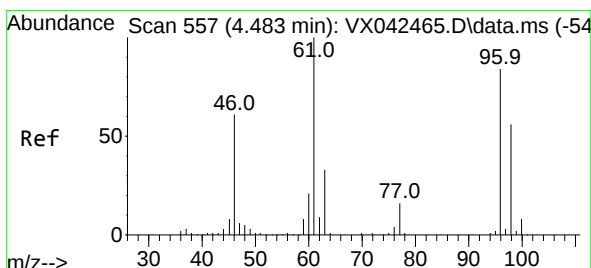
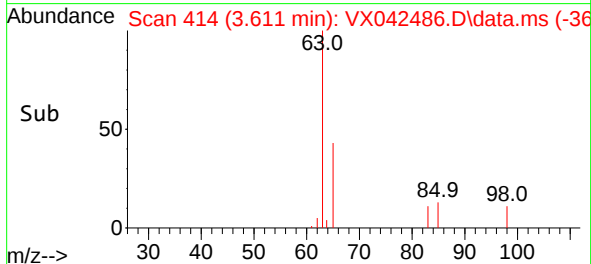
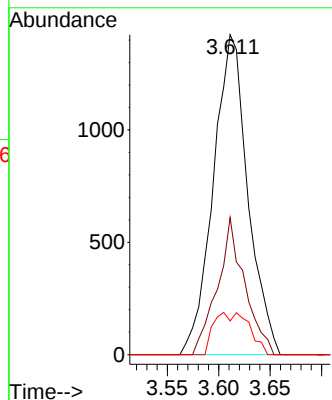
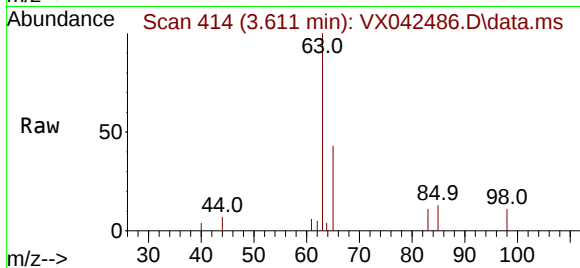
Tgt Ion: 63 Resp: 3327

Ion Ratio Lower Upper

63 100

65 42.8 22.2 41.2#

83 10.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 1459.386 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042486.D

Acq: 23 Jul 2024 20:46

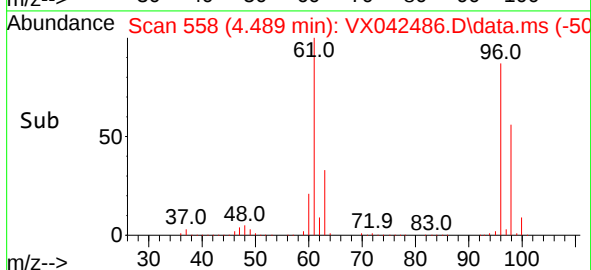
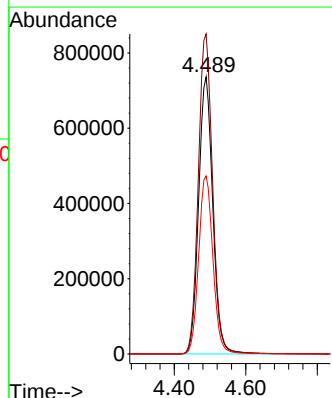
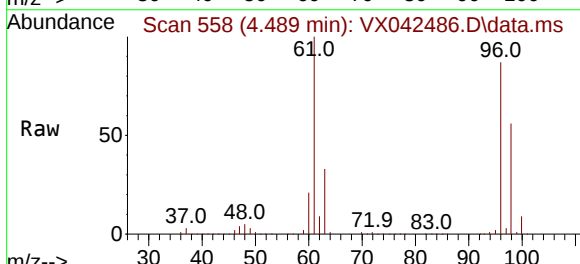
Tgt Ion: 96 Resp: 2021627

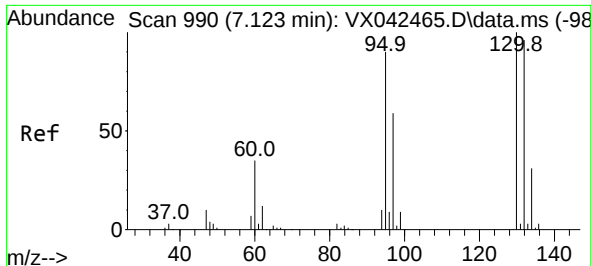
Ion Ratio Lower Upper

96 100

61 115.5 80.5 149.5

98 64.3 45.7 84.9



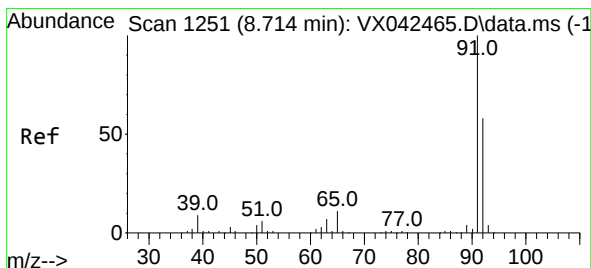
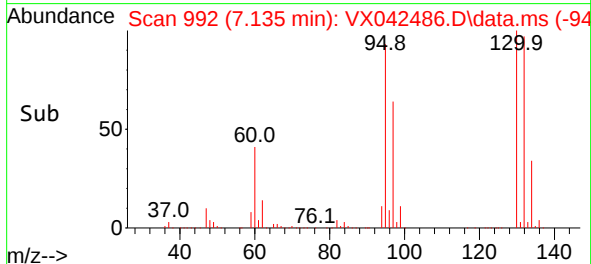
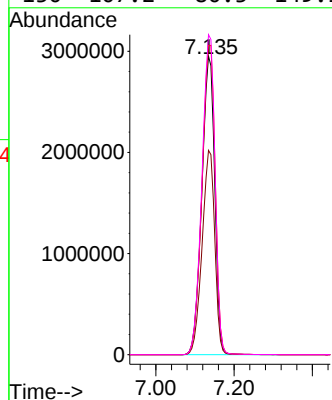
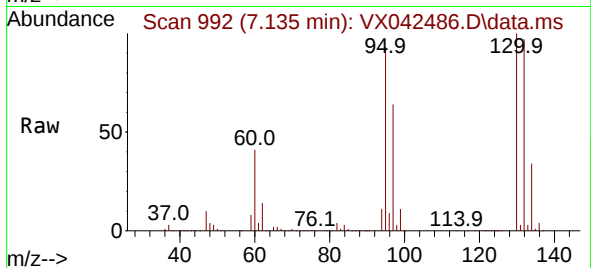


#34
 Trichloroethene
 Concen: 5302.609 ug/L
 RT: 7.135 min Scan# 991
 Delta R.T. 0.012 min
 Lab File: VX042486.D
 Acq: 23 Jul 2024 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 E1ZX2

Tgt Ion: 95 Resp: 6764675

Ion	Ratio	Lower	Upper
95	100		
97	68.4	45.1	83.7
132	103.6	77.2	143.4
130	107.2	80.3	149.1



#42
 Toluene
 Concen: 1.193 ug/L
 RT: 8.726 min Scan# 1253
 Delta R.T. 0.012 min
 Lab File: VX042486.D
 Acq: 23 Jul 2024 20:46

Tgt Ion: 91 Resp: 6202

Ion	Ratio	Lower	Upper
91	100		
92	50.4	41.6	77.3

