

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080422\
 Data File : VV027214.D
 Acq On : 04 Aug 2022 17:56
 Operator : SY/MD
 Sample : N4005-01DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY143DL

Quant Time: Aug 05 02:30:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:29:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

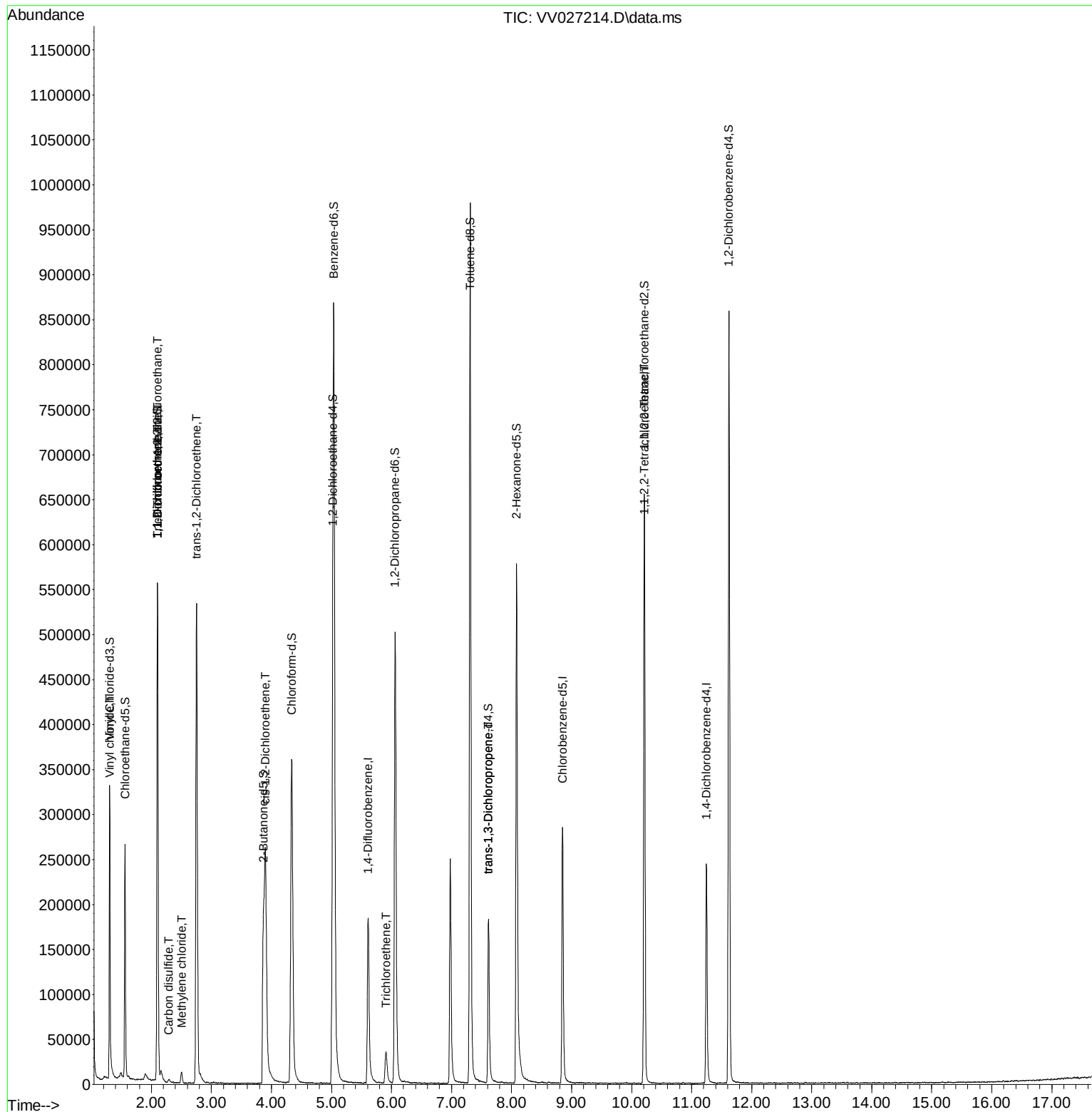
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	157110	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	156496	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61324	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	227217	212.126	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 424.260%#		
7) Chloroethane-d5	1.561	69	168467	215.138	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 430.280%#		
11) 1,1-Dichloroethene-d2	2.101	63	294855	150.492	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 300.980%#		
21) 2-Butanone-d5	3.867	46	285794	299.748	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 299.750%#		
24) Chloroform-d	4.336	84	380865	173.585	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 347.160%#		
26) 1,2-Dichloroethane-d4	5.021	65	246646	181.055	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 362.120%#		
32) Benzene-d6	5.040	84	758903	202.219	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 404.440%#		
36) 1,2-Dichloropropane-d6	6.059	67	247003	185.026	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 370.060%#		
41) Toluene-d8	7.310	98	640351	200.181	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 400.360%#		
43) trans-1,3-Dichloroprop...	7.616	79	103465	177.811	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 355.620%#		
47) 2-Hexanone-d5	8.082	63	190489	296.264	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 296.260%#		
56) 1,1,2,2-Tetrachloroeth...	10.210	84	318807	146.544	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 293.080%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	209138	197.485	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 394.960%#		
Target Compounds						
					Qvalue	
5) vinyl chloride	1.307	62	1687	1.061	ug/L #	1
9) Trichlorofluoromethane	2.101	101	2666	1.306	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	2666	2.356	ug/L #	21
12) 1,1-Dichloroethene	2.101	96	2736	2.513	ug/L #	1
14) Carbon disulfide	2.288	76	1930	0.521	ug/L	97
16) Methylene chloride	2.503	84	5120	3.521	ug/L	90
17) trans-1,2-Dichloroethene	2.751	96	193610	160.715	ug/L	91
20) cis-1,2-Dichloroethene	3.899	96	119291	95.323	ug/L	87
34) Trichloroethene	5.911	95	9490	7.370	ug/L	94
44) trans-1,3-Dichloropropene	7.616	75	4658	2.540	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.217	83	1636	0.719	ug/L #	1

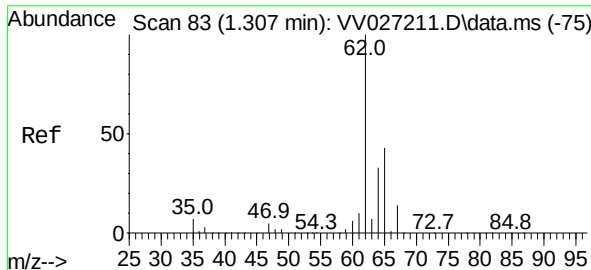
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 05 02:29:34 2022
Response via : Initial Calibration





Vinyl chloride

Concen: 1.061 ug/L

RT: 1.307 min Scan# 83

Delta R.T. 0.000 min

Lab File: VV027214.D

Acq: 04 Aug 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

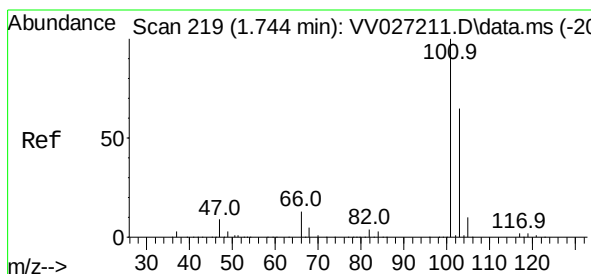
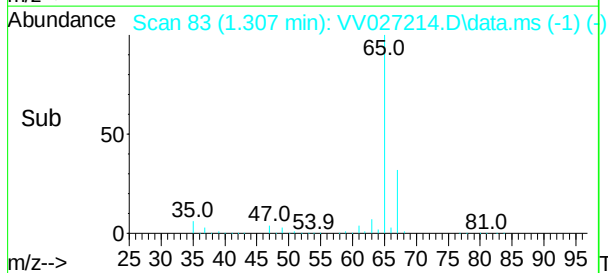
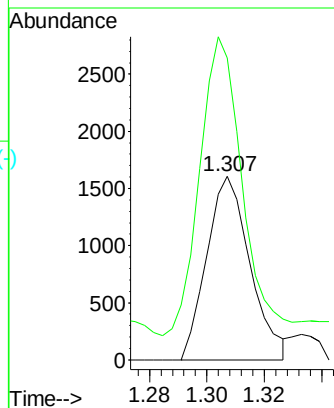
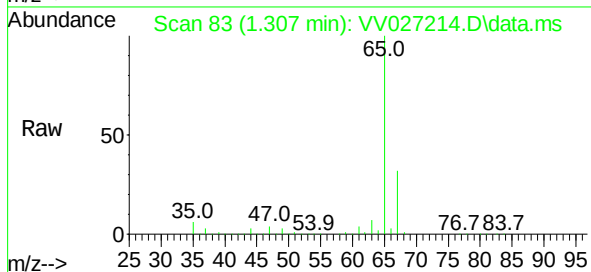
EY143DL

Tgt Ion: 62 Resp: 1687

Ion Ratio Lower Upper

62 100

64 164.6 23.2 43.2#



Trichlorofluoromethane

Concen: 1.306 ug/L

RT: 2.101 min Scan# 330

Delta R.T. 0.357 min

Lab File: VV027214.D

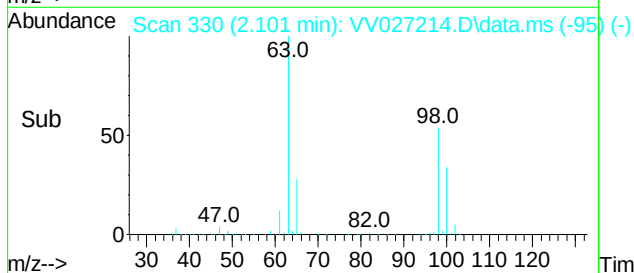
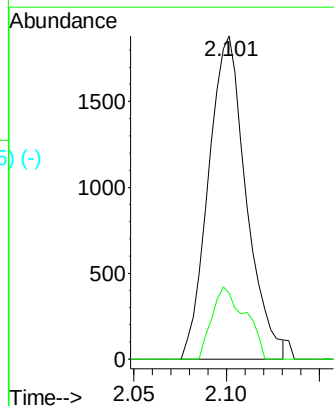
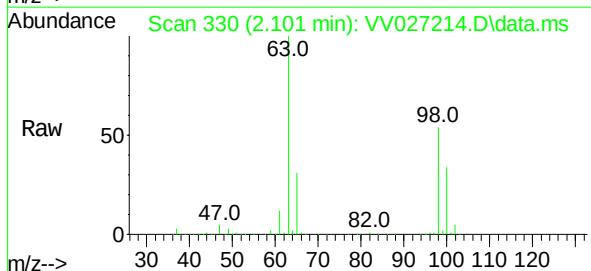
Acq: 04 Aug 2022 17:56

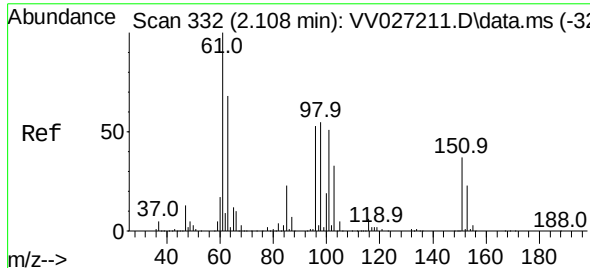
Tgt Ion: 101 Resp: 2666

Ion Ratio Lower Upper

101 100

103 19.6 52.4 78.6#

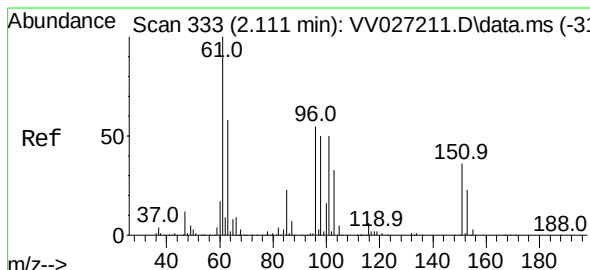
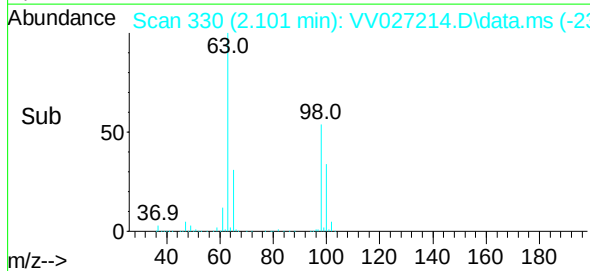
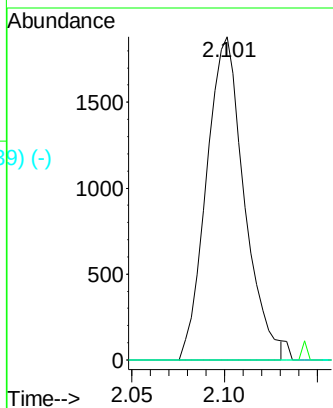
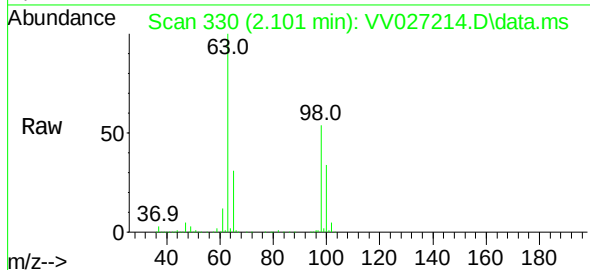




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.356 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.006 min
 Lab File: VV027214.D
 Acq: 04 Aug 2022 17:56

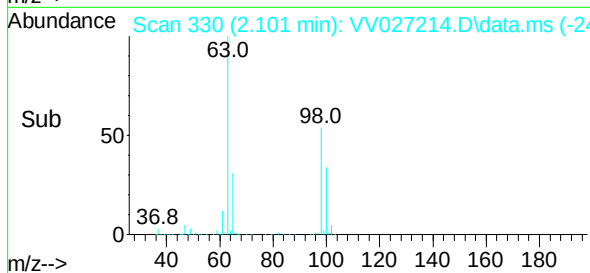
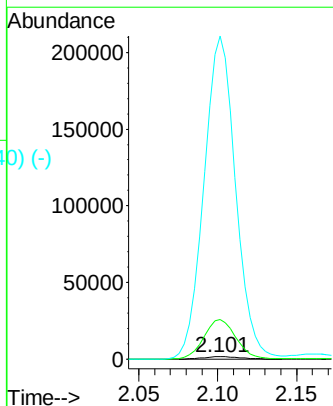
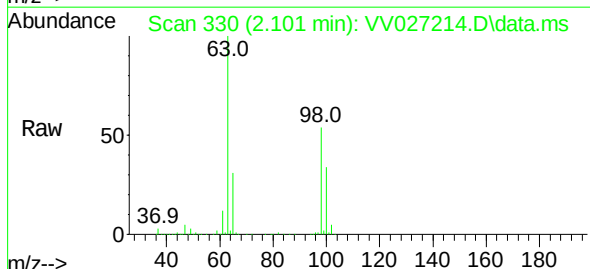
Instrument :
 MSVOA_V
 ClientSampleId :
 EY143DL

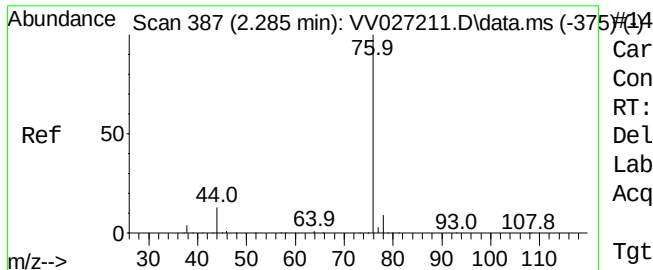
Tgt Ion:	101	Resp:	2666
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.1	51.1#
151	0.0	57.8	86.8#



1,1-Dichloroethene
 Concen: 2.513 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.010 min
 Lab File: VV027214.D
 Acq: 04 Aug 2022 17:56

Tgt Ion:	96	Resp:	2736
Ion	Ratio	Lower	Upper
96	100		
61	1455.9	114.3	212.3#
63	11900.2	93.4	173.4#





Carbon disulfide

Concen: 0.521 ug/L

RT: 2.288 min Scan# 414

Delta R.T. 0.003 min

Lab File: VV027214.D

Acq: 04 Aug 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

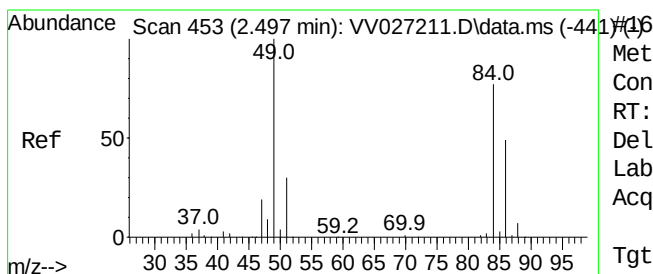
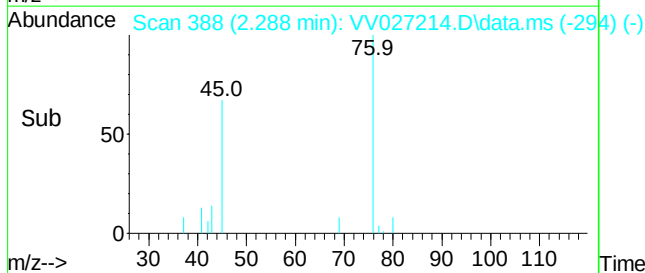
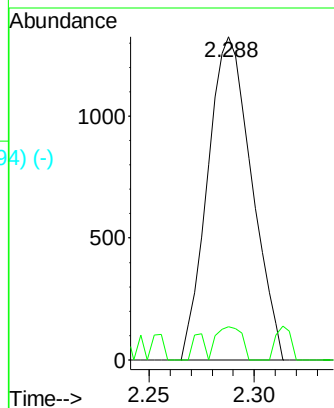
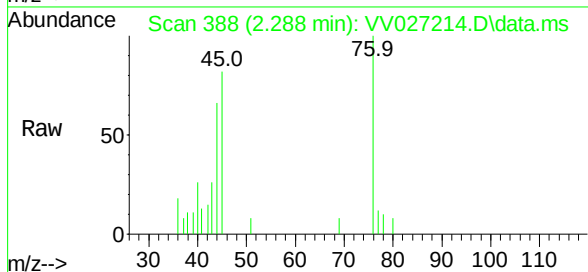
EY143DL

Tgt Ion: 76 Resp: 1930

Ion Ratio Lower Upper

76 100

78 10.2 7.3 10.9



Methylene chloride

Concen: 3.521 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.006 min

Lab File: VV027214.D

Acq: 04 Aug 2022 17:56

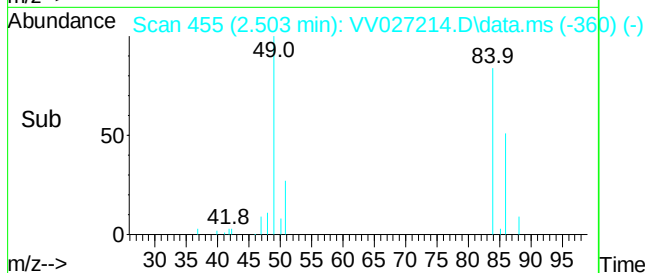
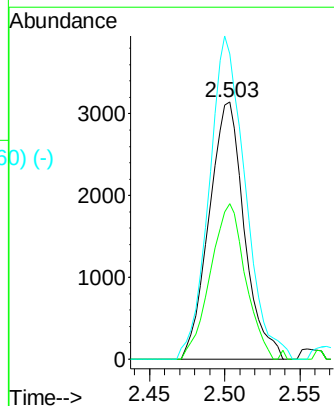
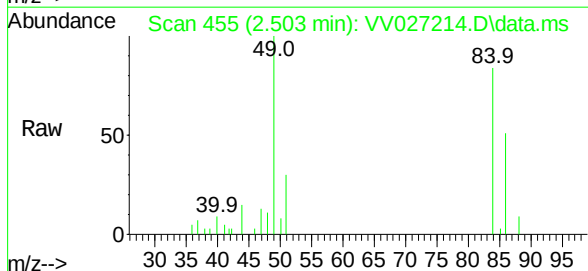
Tgt Ion: 84 Resp: 5120

Ion Ratio Lower Upper

84 100

86 60.5 45.0 83.6

49 118.9 74.1 137.7



Abundance Scan 532 (2.751 min): VV027211.D\data.ms (-520) #17

trans-1,2-Dichloroethene

Concen: 160.715 ug/L

RT: 2.751 min Scan# 417

Delta R.T. 0.000 min

Lab File: VV027214.D

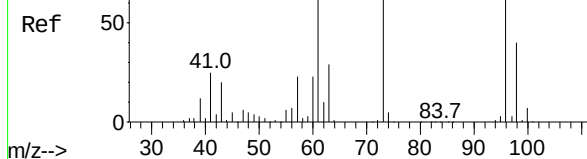
Acq: 04 Aug 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

EY143DL



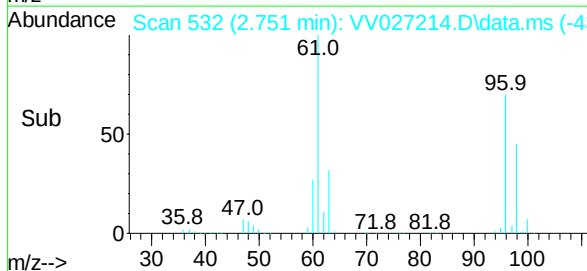
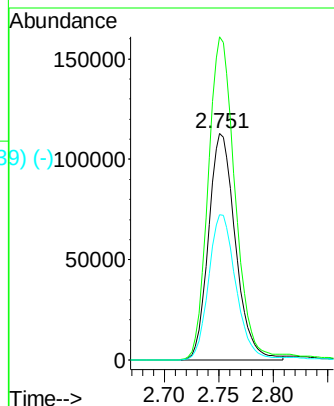
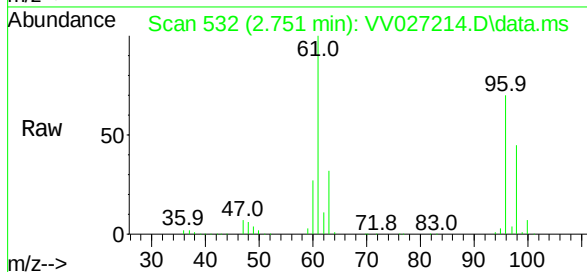
Tgt Ion: 96 Resp: 193610

Ion Ratio Lower Upper

96 100

61 142.6 89.2 165.6

98 64.2 44.6 82.8



Abundance Scan 889 (3.899 min): VV027211.D\data.ms (-872) #20

cis-1,2-Dichloroethene

Concen: 95.323 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.000 min

Lab File: VV027214.D

Acq: 04 Aug 2022 17:56

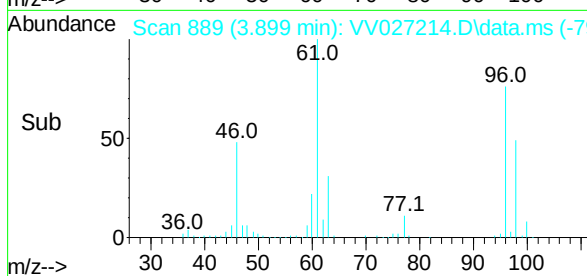
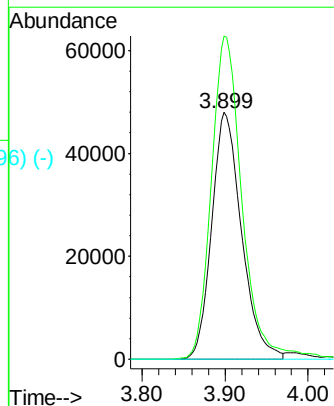
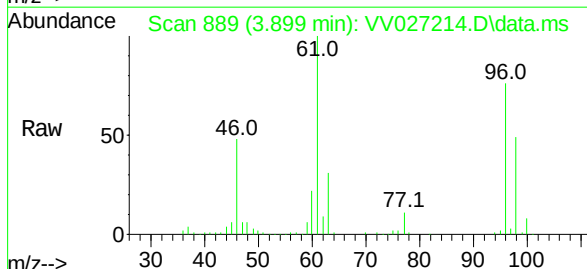
Tgt Ion: 96 Resp: 119291

Ion Ratio Lower Upper

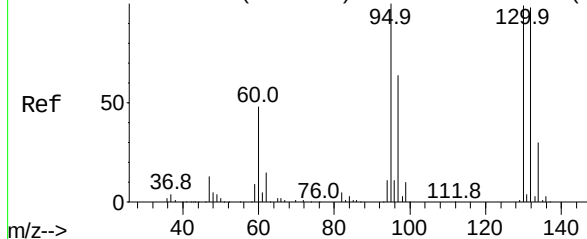
96 100

61 130.8 81.8 151.8

68 0.0 0.0 0.0



Abundance Scan 1513 (5.905 min): VV027211.D\data.ms (-15094-)



Trichloroethene

Concen: 7.370 ug/L

RT: 5.911 min Scan#

Delta R.T. 0.006 min

Lab File: VV027214.D

Acq: 04 Aug 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

EY143DL

Tgt Ion: 95 Resp: 9490

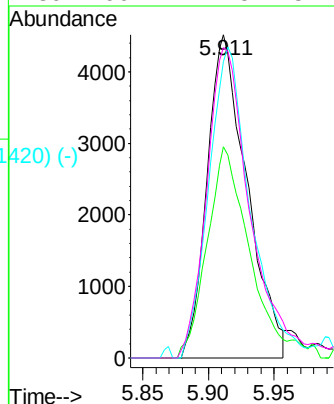
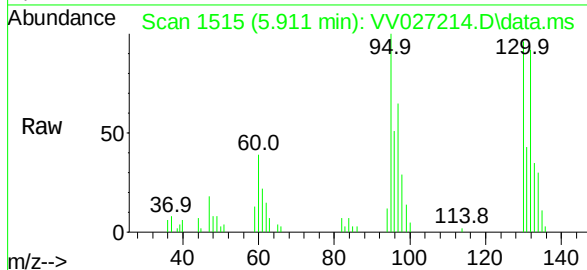
Ion Ratio Lower Upper

95 100

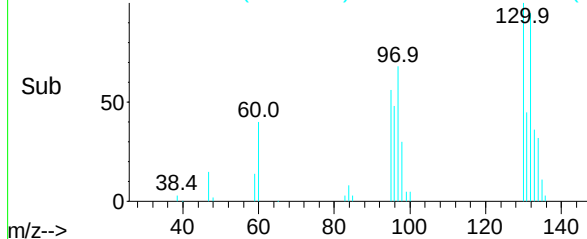
97 65.2 45.9 85.3

132 91.7 69.8 129.6

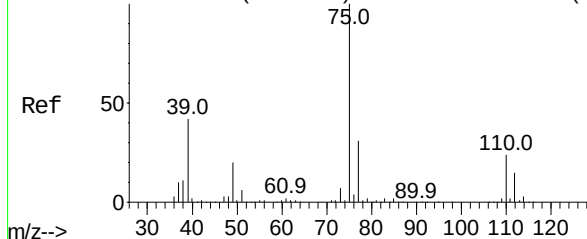
130 96.1 72.5 134.7



Abundance Scan 1515 (5.911 min): VV027214.D\data.ms (-1420-)



Abundance Scan 2054 (7.644 min): VV027211.D\data.ms (-20384-)



trans-1,3-Dichloropropene

Concen: 2.540 ug/L

RT: 7.616 min Scan# 2045

Delta R.T. -0.029 min

Lab File: VV027214.D

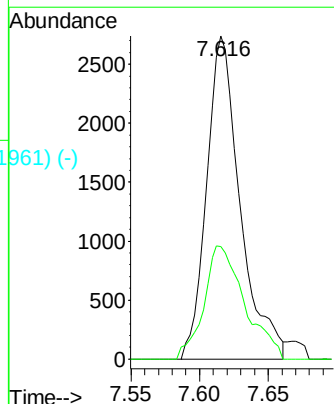
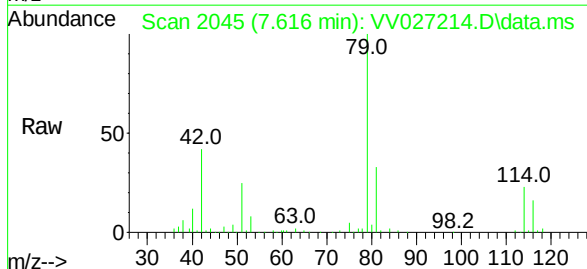
Acq: 04 Aug 2022 17:56

Tgt Ion: 75 Resp: 4658

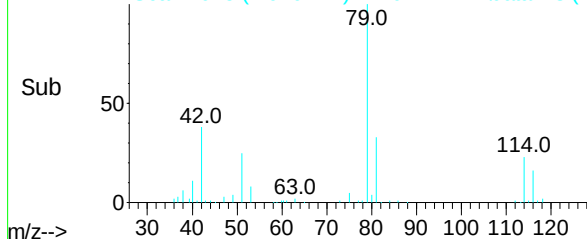
Ion Ratio Lower Upper

75 100

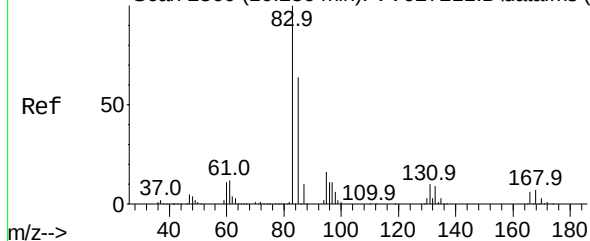
77 34.9 22.0 41.0



Abundance Scan 2045 (7.616 min): VV027214.D\data.ms (-1961-)



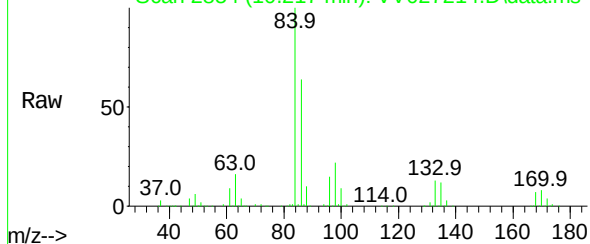
Abundance Scan 2860 (10.236 min): VV027211.D\data.ms (-2767) (-)



1,1,2,2-Tetrachloroethane
Concen: 0.719 ug/L
RT: 10.217 min Scan# 1
Delta R.T. -0.019 min
Lab File: VV027214.D
Acq: 04 Aug 2022 17:56

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Abundance Scan 2854 (10.217 min): VV027214.D\data.ms



Tgt Ion: 83 Resp: 1636
Ion Ratio Lower Upper
83 100
85 249.4 45.2 84.0#
131 473.5 8.1 12.1#

Abundance Scan 2854 (10.217 min): VV027214.D\data.ms (-2767) (-)

