

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025221.D
 Acq On : 18 Nov 2021 19:57
 Operator : JC/MD
 Sample : M4677-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 05:30:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 19 05:25:45 2021
 Response via : Initial Calibration

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

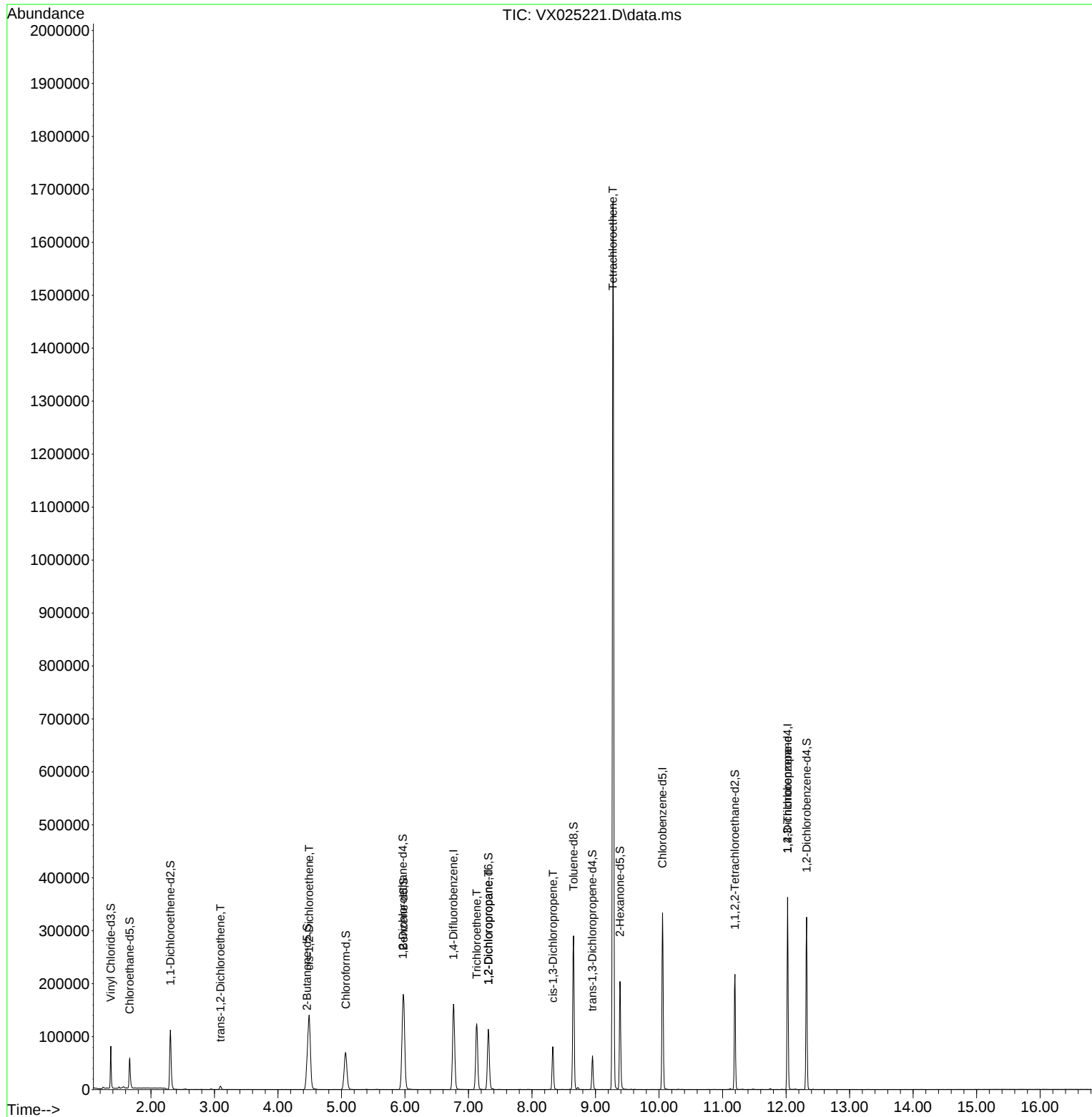
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	173407	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	158634	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75471	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	47014	40.131	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.260%
7) Chloroethane-d5	1.666	69	41050	61.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.960%
11) 1,1-Dichloroethene-d2	2.306	63	60333	29.944	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.880%#
21) 2-Butanone-d5	4.459	46	79291	89.564	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.560%
24) Chloroform-d	5.068	84	88389	42.888	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.780%
26) 1,2-Dichloroethane-d4	5.964	65	56010	44.836	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.680%
32) Benzene-d6	5.977	84	184951	42.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.440%
36) 1,2-Dichloropropane-d6	7.312	67	56786	42.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.900%
41) Toluene-d8	8.653	98	171940	41.585	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.180%
43) trans-1,3-Dichloroprop...	8.952	79	28058	39.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.200%
47) 2-Hexanone-d5	9.384	63	61162	86.156	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.160%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	81312	42.704	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	67598	45.183	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.360%
Target Compounds						
					Qvalue	
17) trans-1,2-Dichloroethene	3.093	96	2693	2.243	ug/L	86
20) cis-1,2-Dichloroethene	4.489	96	83309	62.707	ug/L	99
34) Trichloroethene	7.129	95	46227	36.296	ug/L	81
37) 1,2-Dichloropropane	7.312	63	6243	5.113	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1833	0.914	ug/L #	66
46) Tetrachloroethene	9.275	164	326085	306.874	ug/L	90
61) 1,2,3-Trichloropropane	12.024	75	8132	5.722	ug/L #	62

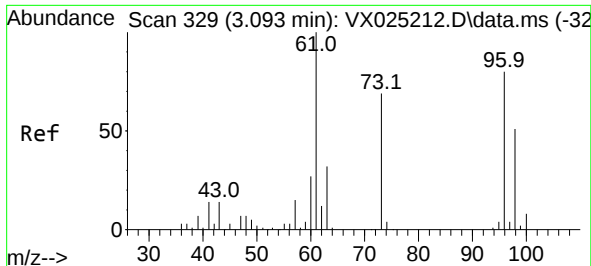
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 19 05:25:45 2021
Response via : Initial Calibration

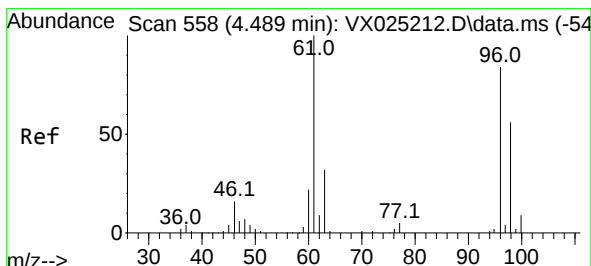
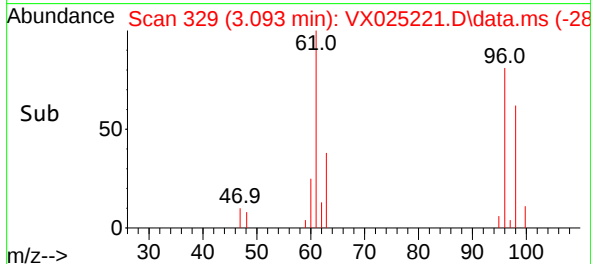
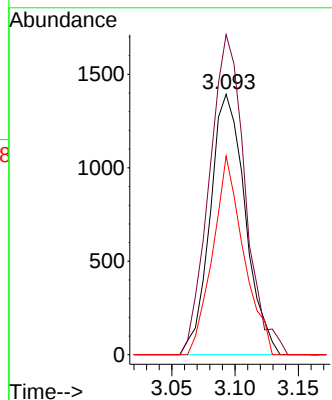
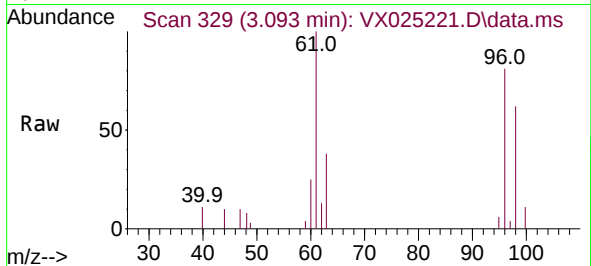




#17
trans-1,2-Dichloroethene
Concen: 2.243 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025221.D
Acq: 18 Nov 2021 19:57

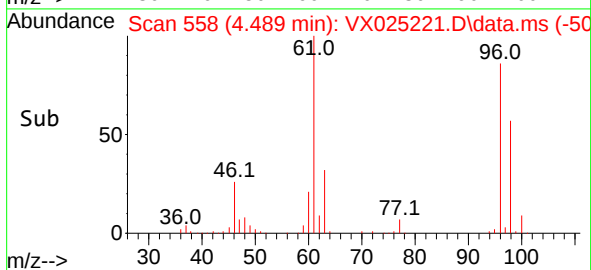
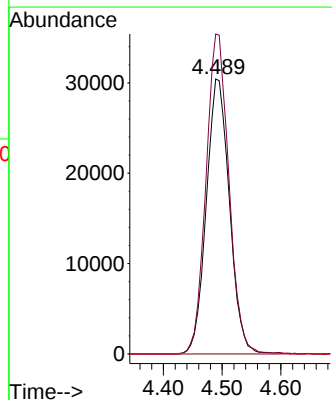
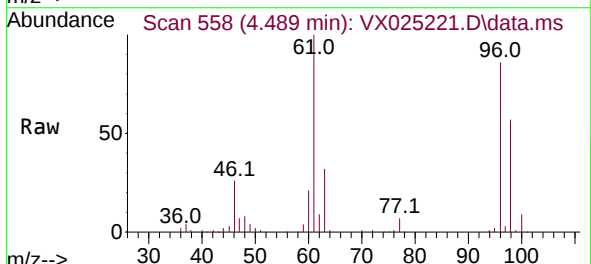
Instrument :
MSVOA_X
ClientSampleId :

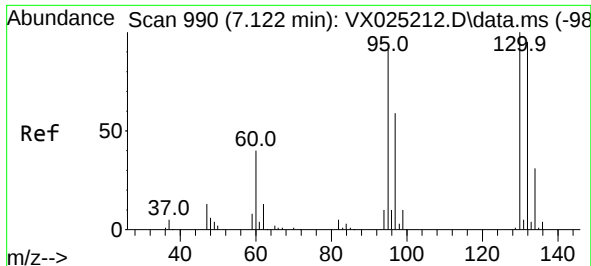
Tgt Ion: 96 Resp: 2693
Ion Ratio Lower Upper
96 100
61 122.9 99.4 184.6
98 76.3 47.0 87.2



#20
cis-1,2-Dichloroethene
Concen: 62.707 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX025221.D
Acq: 18 Nov 2021 19:57

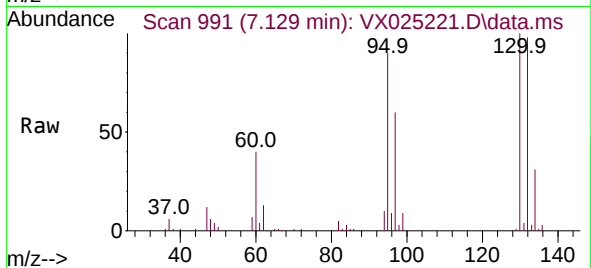
Tgt Ion: 96 Resp: 83309
Ion Ratio Lower Upper
96 100
61 116.4 82.6 153.4
68 0.0 0.0 0.0



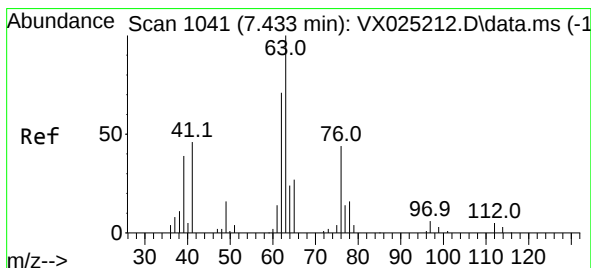
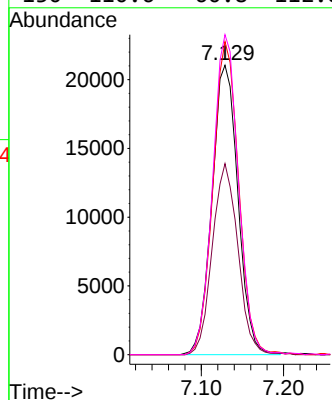
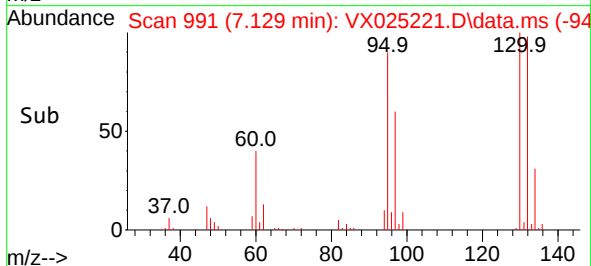


#34
Trichloroethene
Concen: 36.296 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX025221.D
Acq: 18 Nov 2021 19:57

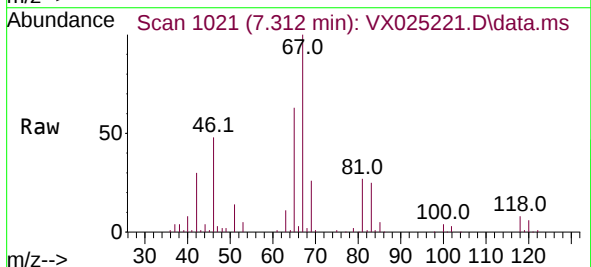
Instrument :
MSVOA_X
ClientSampleId :



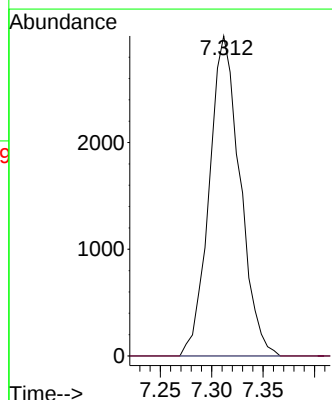
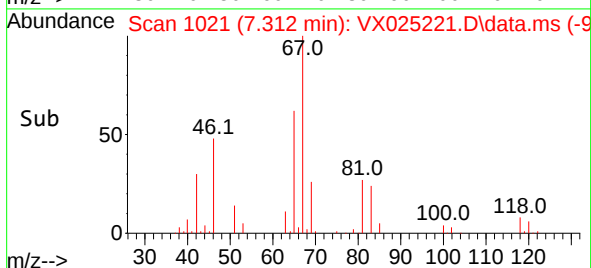
Tgt Ion: 95 Resp: 46227
Ion Ratio Lower Upper
95 100
97 66.0 44.2 82.2
132 108.2 60.1 111.5
130 110.6 60.8 112.8

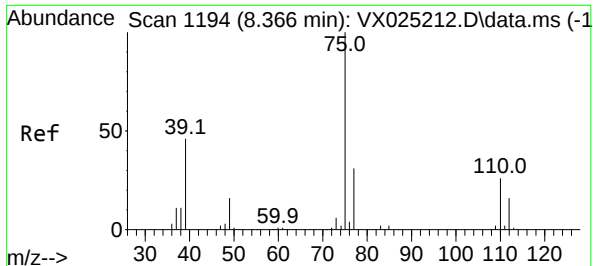


#37
1,2-Dichloropropane
Concen: 5.113 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX025221.D
Acq: 18 Nov 2021 19:57



Tgt Ion: 63 Resp: 6243
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.914 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.036 min

Lab File: VX025221.D

Acq: 18 Nov 2021 19:57

Instrument :

MSVOA_X

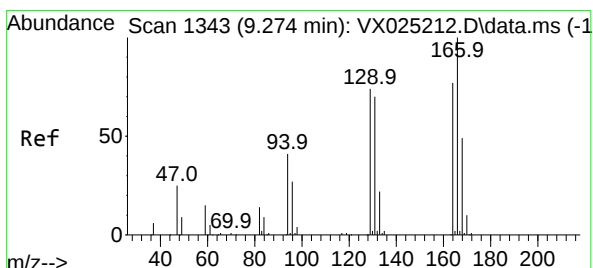
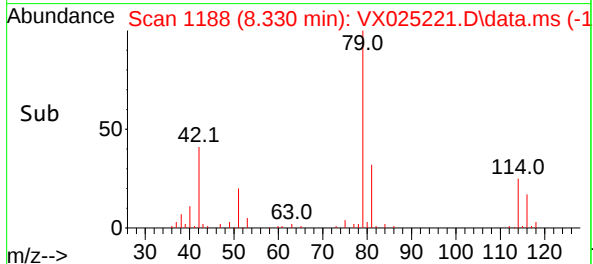
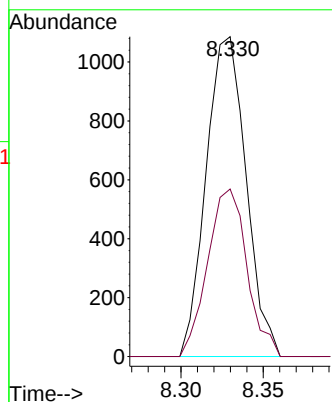
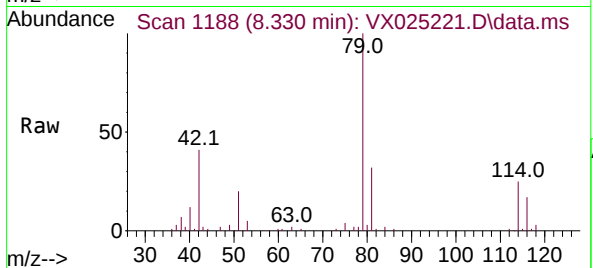
ClientSampleId :

Tgt Ion: 75 Resp: 1833

Ion Ratio Lower Upper

75 100

77 52.4 23.1 42.9#



#46

Tetrachloroethene

Concen: 306.874 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX025221.D

Acq: 18 Nov 2021 19:57

Tgt Ion:164 Resp: 326085

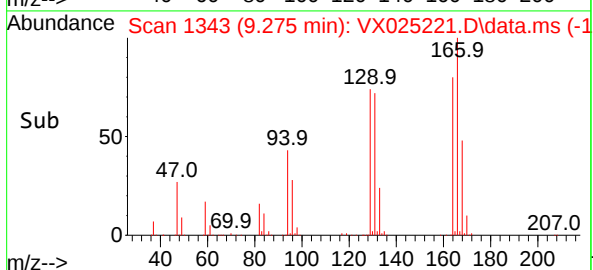
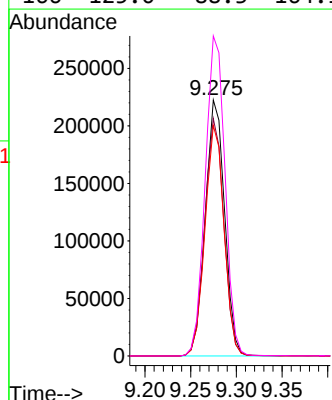
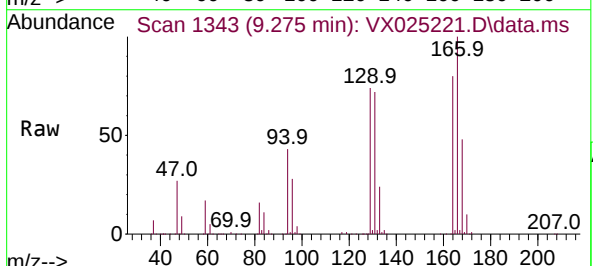
Ion Ratio Lower Upper

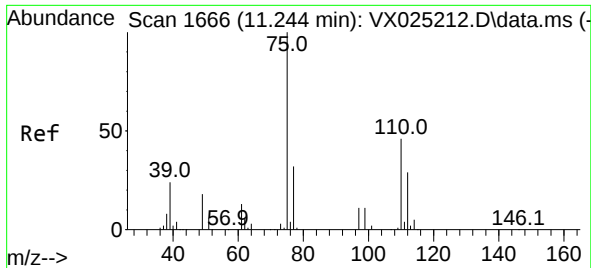
164 100

129 92.7 78.5 145.7

131 90.0 70.5 130.9

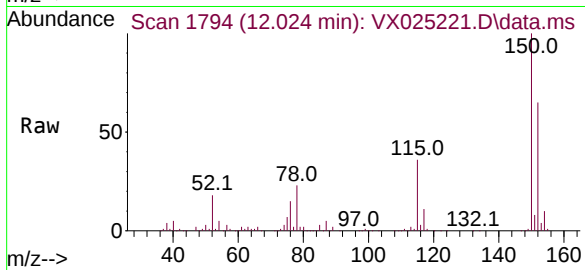
166 125.0 88.3 164.1





#61
 1,2,3-Trichloropropane
 Concen: 5.722 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.781 min
 Lab File: VX025221.D
 Acq: 18 Nov 2021 19:57

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 8132
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.6 39.8
 110 3.4 37.2 55.8#

