

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033545.D
 Acq On : 22 Dec 2022 15:13
 Operator : JC/MD
 Sample : VIBLK602
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 04:46:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:40:20 2022
 Response via : Initial Calibration

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

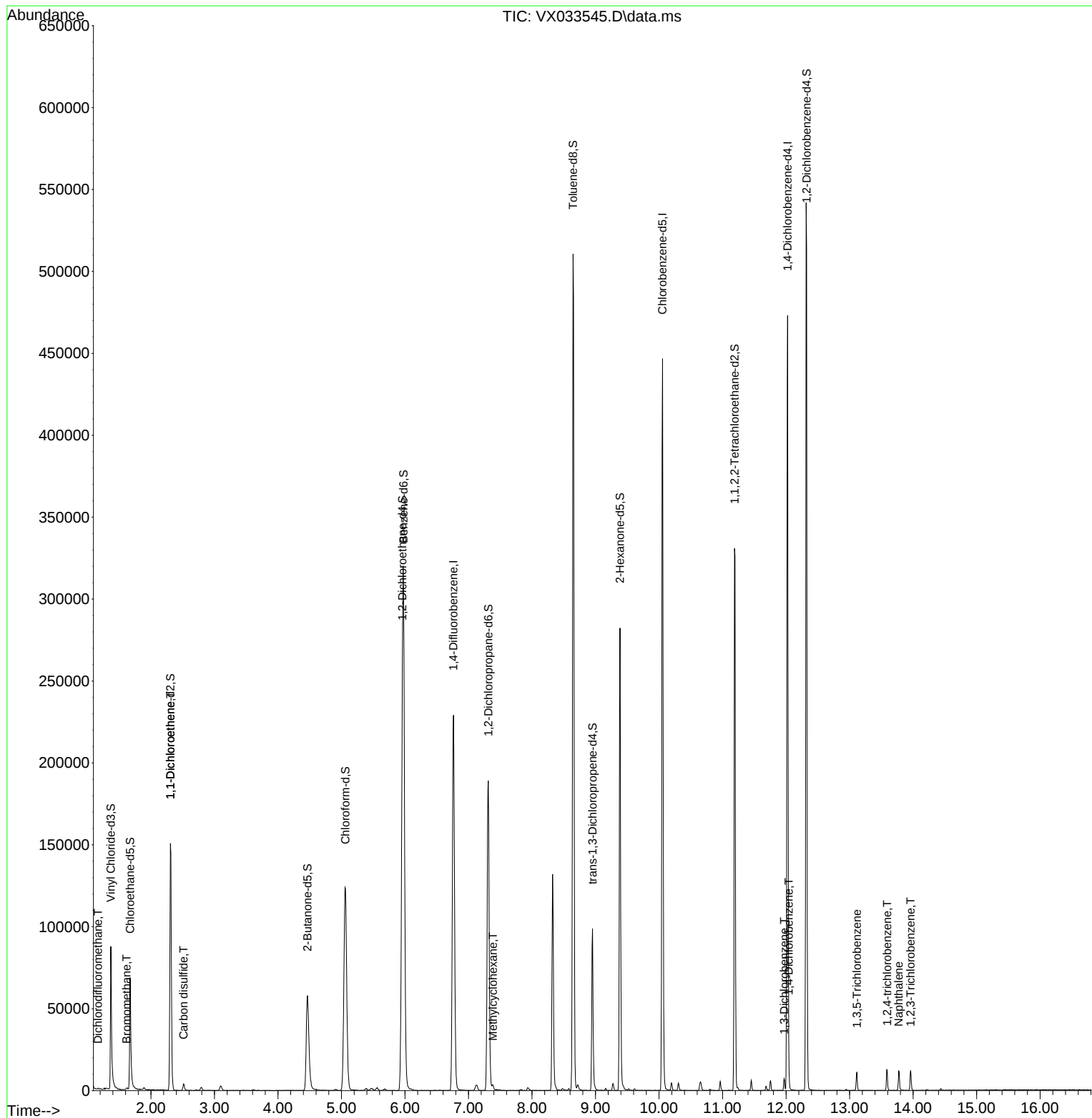
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	248936	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	215976	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	102135	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70641	53.345	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 106.700%	
7) Chloroethane-d5	1.672	69	50532	48.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 97.580%	
11) 1,1-Dichloroethene-d2	2.307	63	83549	39.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 79.040%	
21) 2-Butanone-d5	4.465	46	104510	108.648	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 108.650%	
24) Chloroform-d	5.062	84	167143	50.913	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.820%	
26) 1,2-Dichloroethane-d4	5.958	65	104635	51.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.820%	
32) Benzene-d6	5.977	84	334734	54.269	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.540%	
36) 1,2-Dichloropropane-d6	7.312	67	100019	55.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 111.000%	
41) Toluene-d8	8.647	98	318707	53.238	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.480%	
43) trans-1,3-Dichloroprop...	8.952	79	46868	53.798	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.600%	
47) 2-Hexanone-d5	9.385	63	83549	113.096	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 113.100%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	133417	53.994	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 107.980%	
66) 1,2-Dichlorobenzene-d4	12.323	152	119327	56.322	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.640%	
Target Compounds						
2) Dichlorodifluoromethane	1.166	85	321	0.534	ug/L	# 88
6) Bromomethane	1.618	94	586	0.988	ug/L	# 79
12) 1,1-Dichloroethene	2.307	96	1133	1.200	ug/L	# 1
14) Carbon disulfide	2.514	76	5066	1.764	ug/L	# 91
35) Methylcyclohexane	7.385	83	1454	0.620	ug/L	# 95
64) 1,3-Dichlorobenzene	11.969	146	2653	0.860	ug/L	# 95
65) 1,4-Dichlorobenzene	12.043	146	2947	0.944	ug/L	# 92
69) 1,3,5-Trichlorobenzene	13.116	180	3136	1.519	ug/L	# 97
70) 1,2,4-trichlorobenzene	13.591	180	3383	1.810	ug/L	# 93
71) Naphthalene	13.774	128	8876	1.453	ug/L	# 98
72) 1,2,3-Trichlorobenzene	13.963	180	3466	1.858	ug/L	# 100

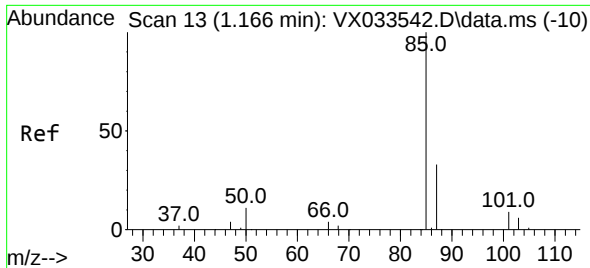
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 23 04:40:20 2022
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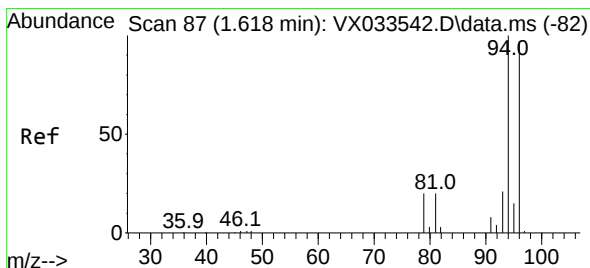
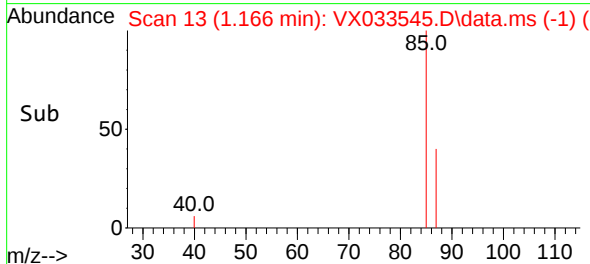
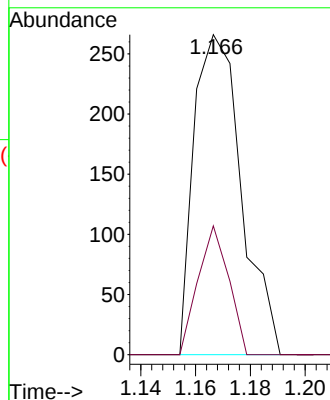
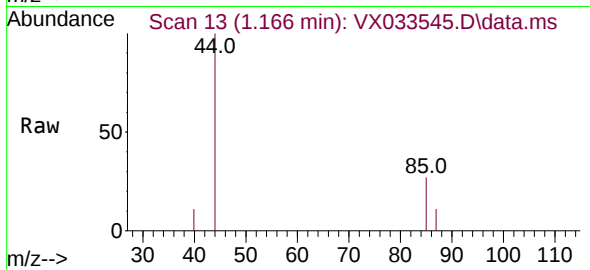




#2
 Dichlorodifluoromethane
 Concen: 0.534 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033545.D
 Acq: 22 Dec 2022 15:13

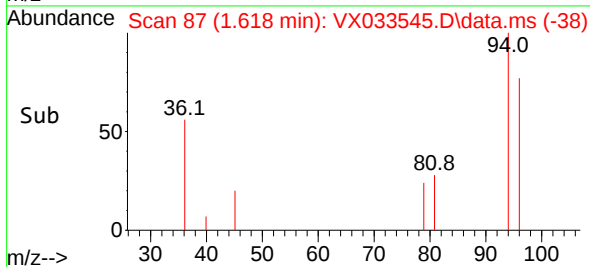
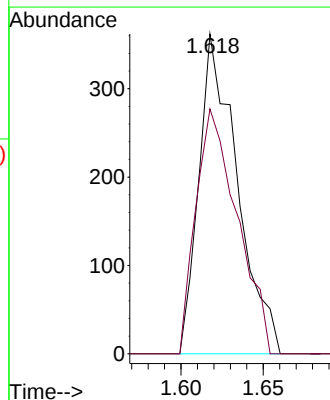
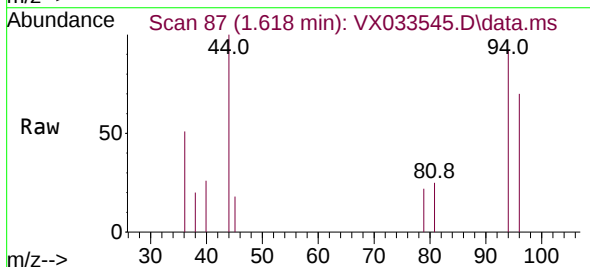
Instrument :
 MSVOA_X
 ClientSampleId :

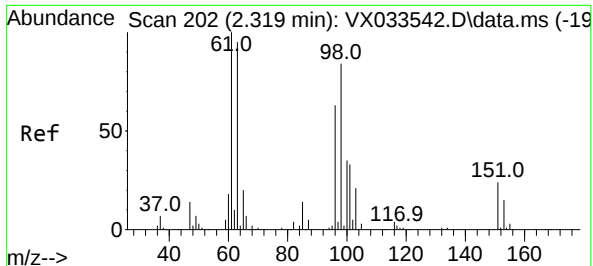
Tgt Ion: 85 Resp: 321
 Ion Ratio Lower Upper
 85 100
 87 25.9 26.1 39.1#



#6
 Bromomethane
 Concen: 0.988 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX033545.D
 Acq: 22 Dec 2022 15:13

Tgt Ion: 94 Resp: 586
 Ion Ratio Lower Upper
 94 100
 96 76.5 68.0 126.2





#12

1,1-Dichloroethene

Concen: 1.200 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX033545.D

Acq: 22 Dec 2022 15:13

Instrument :

MSVOA_X

ClientSampleId :

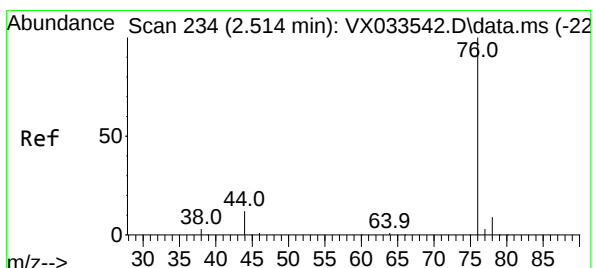
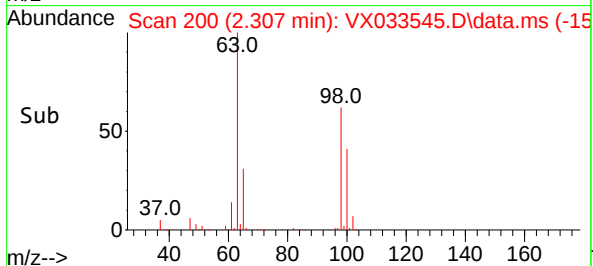
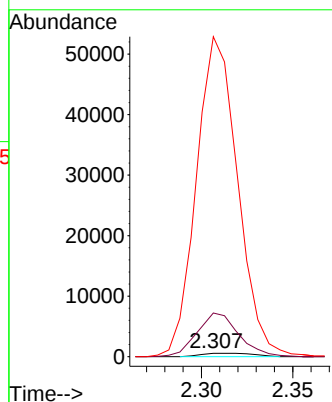
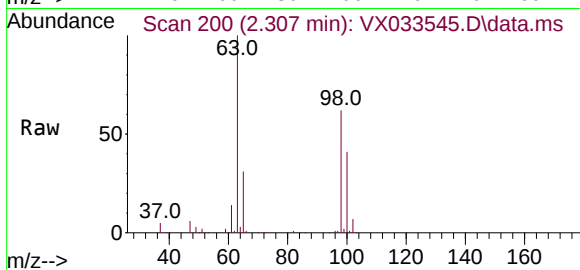
Tgt Ion: 96 Resp: 1133

Ion Ratio Lower Upper

96 100

61 1288.6 111.6 207.2#

63 9426.0 108.6 201.6#



#14

Carbon disulfide

Concen: 1.764 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033545.D

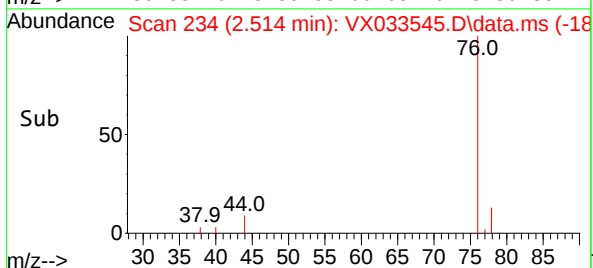
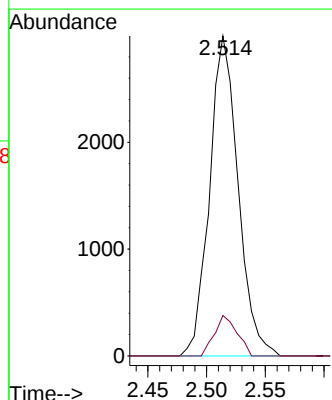
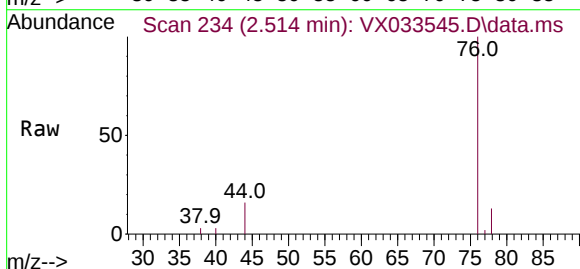
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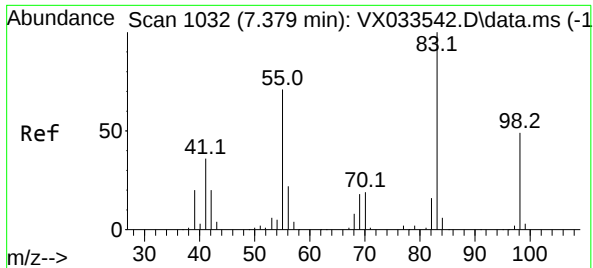
Tgt Ion: 76 Resp: 5066

Ion Ratio Lower Upper

76 100

78 12.7 7.4 11.0#

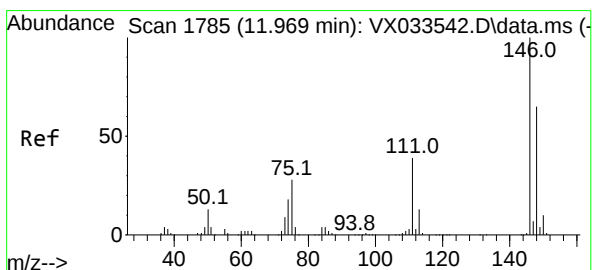
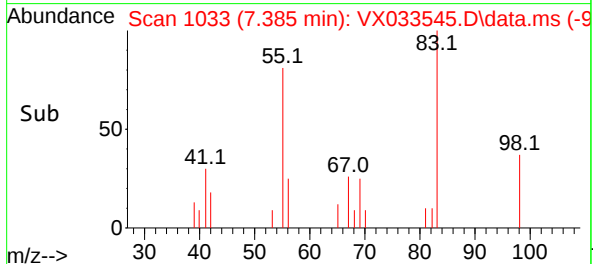
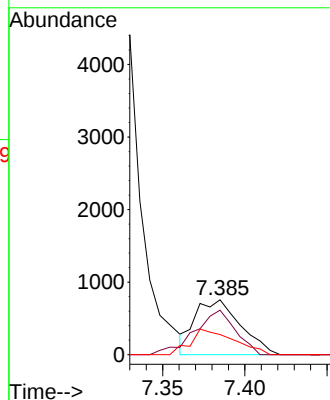
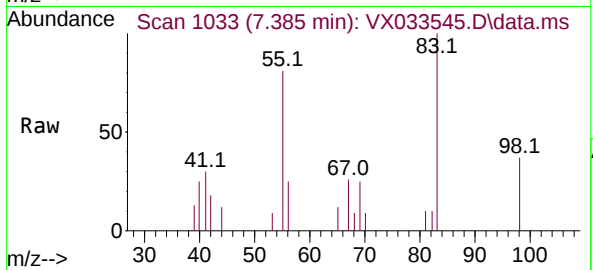




#35
Methylcyclohexane
Concen: 0.620 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX033545.D
Acq: 22 Dec 2022 15:13

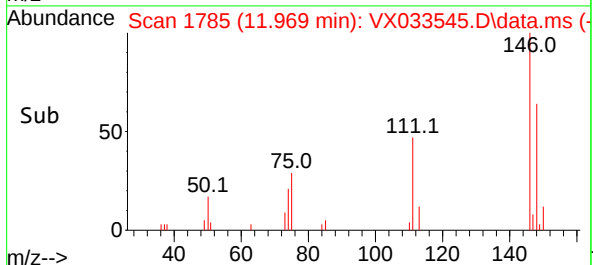
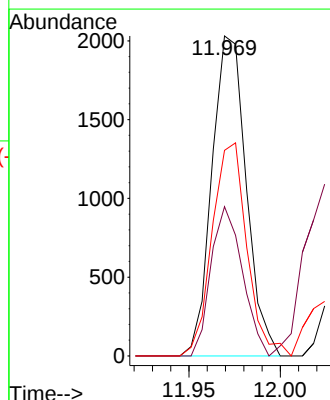
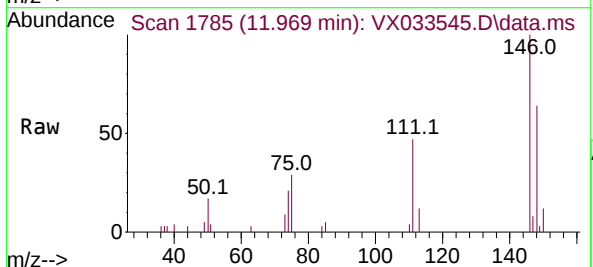
Instrument :
MSVOA_X
ClientSampleId :

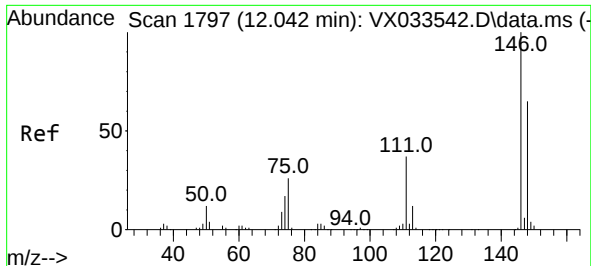
Tgt Ion: 83 Resp: 1454
Ion Ratio Lower Upper
83 100
55 72.7 55.6 83.4
98 44.4 38.6 57.8



#64
1,3-Dichlorobenzene
Concen: 0.860 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033545.D
Acq: 22 Dec 2022 15:13

Tgt Ion:146 Resp: 2653
Ion Ratio Lower Upper
146 100
111 46.6 27.6 51.2
148 64.3 45.3 84.1

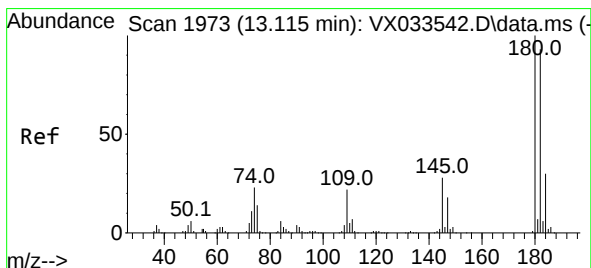
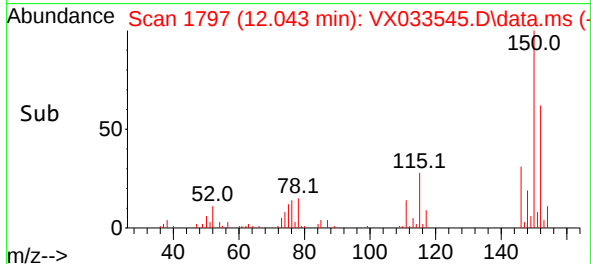
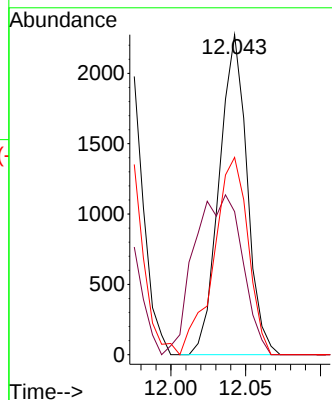
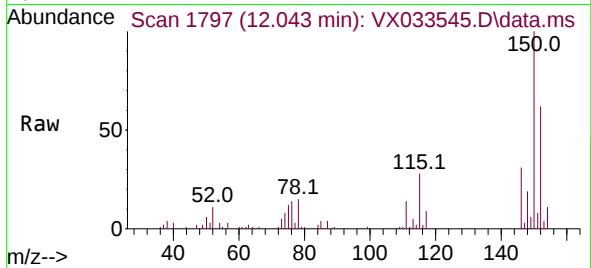




#65
1,4-Dichlorobenzene
Concen: 0.944 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033545.D
Acq: 22 Dec 2022 15:13

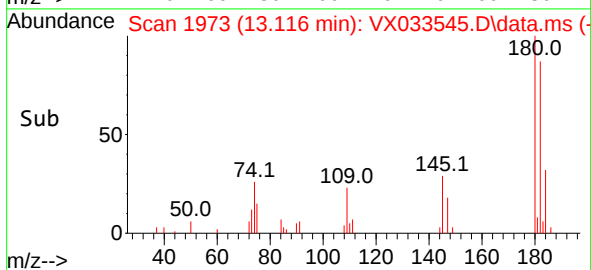
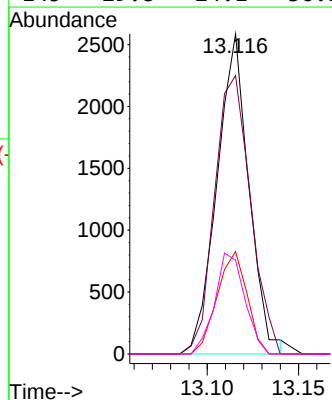
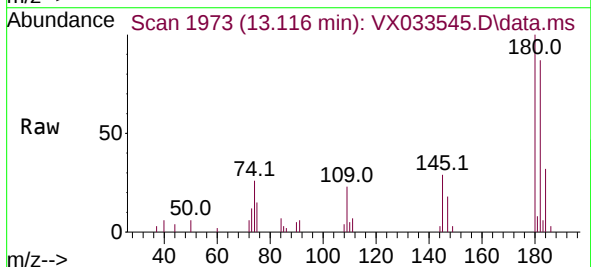
Instrument :
MSVOA_X
ClientSampleId :

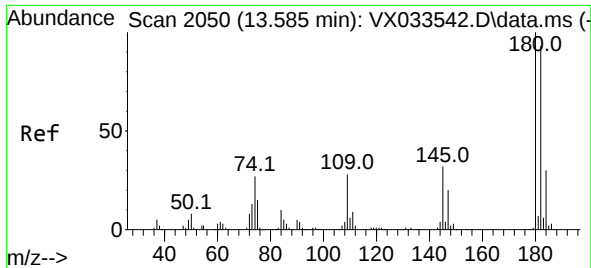
Tgt Ion:146 Resp: 2947
Ion Ratio Lower Upper
146 100
111 44.7 25.8 47.8
148 61.7 45.8 85.0



#69
1,3,5-Trichlorobenzene
Concen: 1.519 ug/L
RT: 13.116 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX033545.D
Acq: 22 Dec 2022 15:13

Tgt Ion:180 Resp: 3136
Ion Ratio Lower Upper
180 100
182 98.1 75.0 112.6
184 29.9 24.0 36.0
145 29.8 24.1 36.1

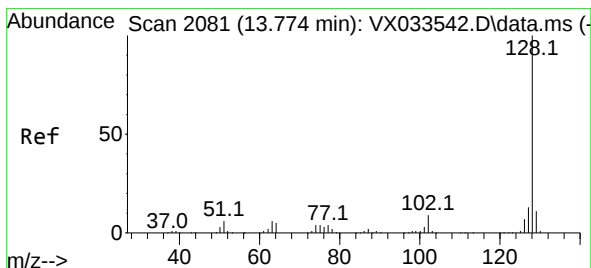
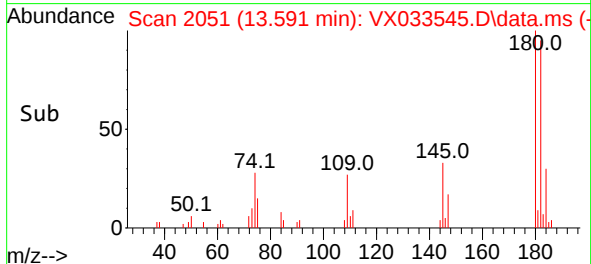
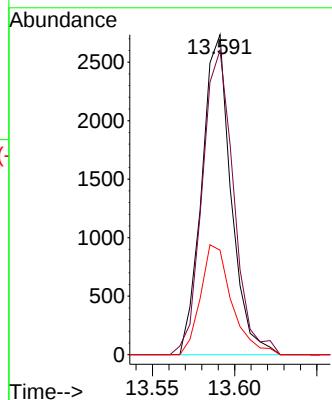
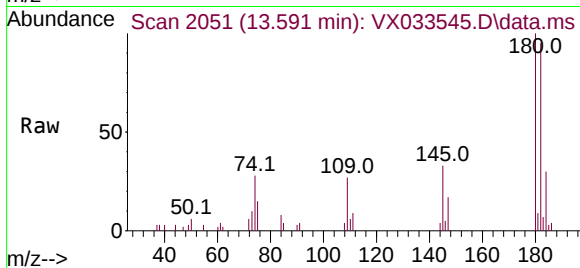




#70
1,2,4-trichlorobenzene
Concen: 1.810 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033545.D
Acq: 22 Dec 2022 15:13

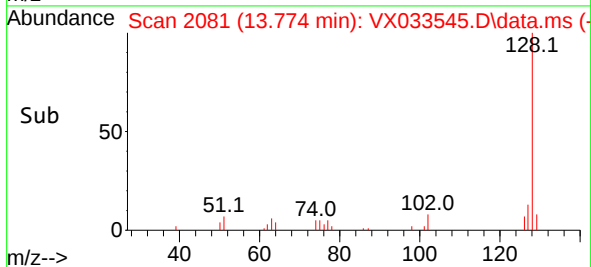
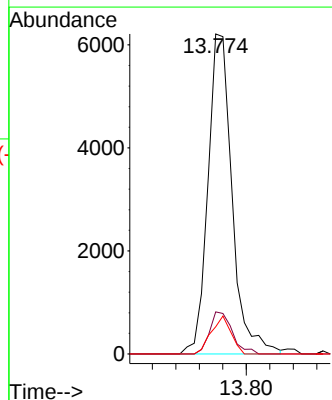
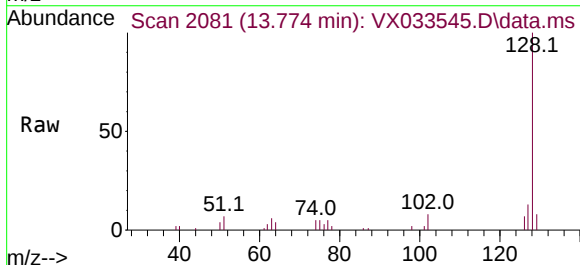
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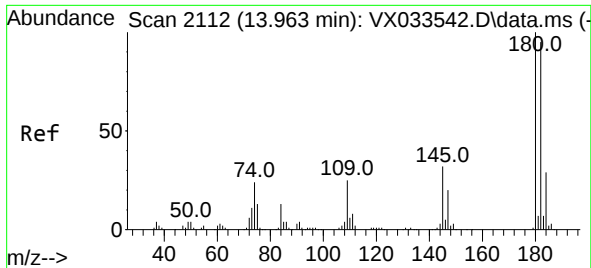
Tgt Ion:180 Resp: 3383
Ion Ratio Lower Upper
180 100
182 101.8 76.6 115.0
145 36.8 25.2 37.8



#71
Naphthalene
Concen: 1.453 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033545.D
Acq: 22 Dec 2022 15:13

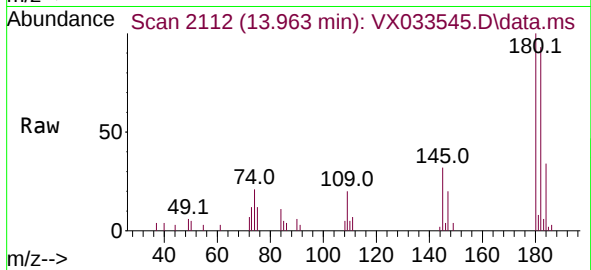
Tgt Ion:128 Resp: 8876
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 9.7 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 1.858 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX033545.D
 Acq: 22 Dec 2022 15:13

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	3466
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	33.6	26.2	39.4

