

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029446.D
 Acq On : 14 Jun 2022 04:36
 Operator : JC/MD
 Sample : N3249-08DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYT2DL

Quant Time: Jun 14 06:46:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 14 06:26:43 2022
 Response via : Initial Calibration

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

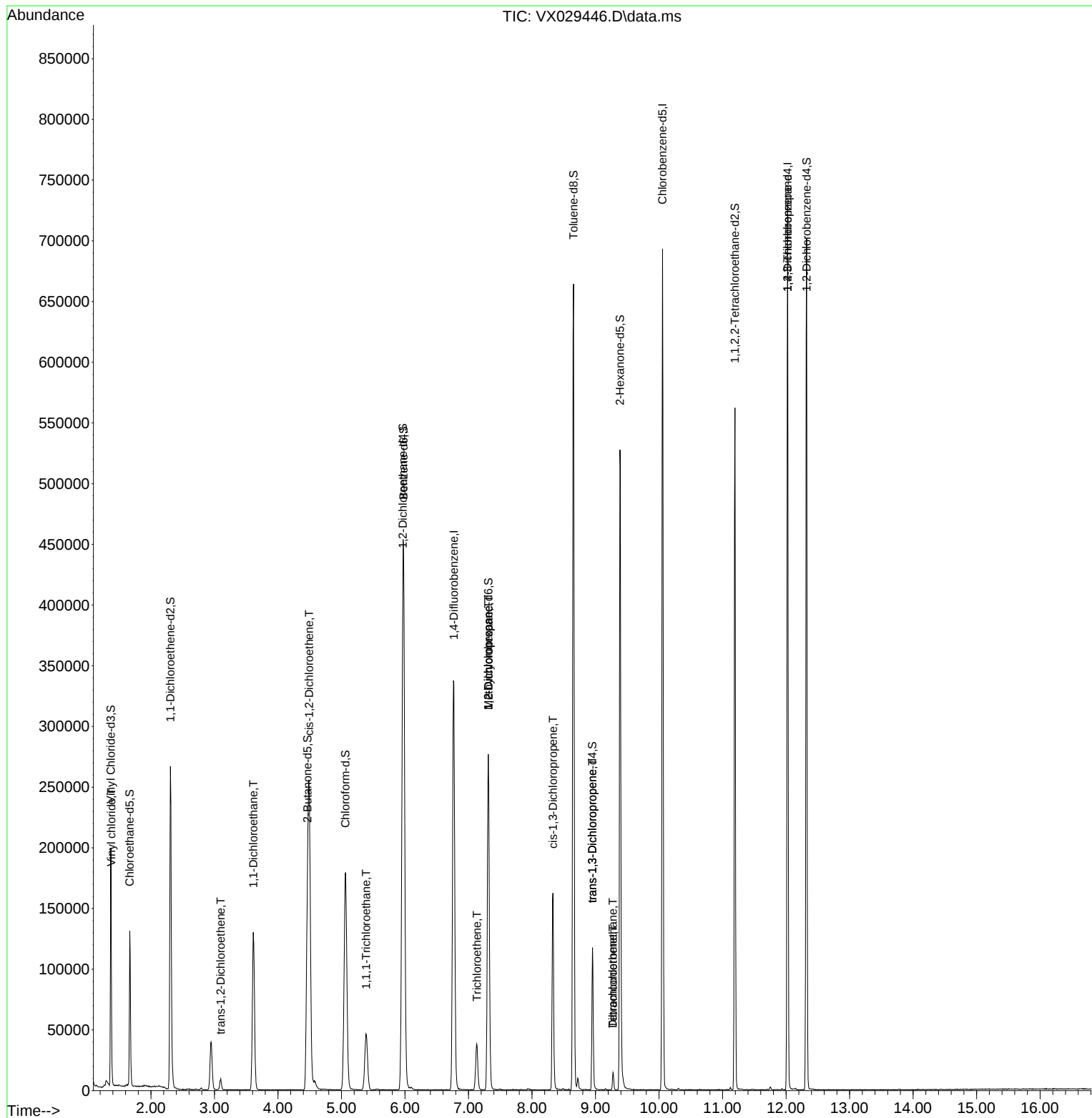
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	358496	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	313513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	145574	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	107212	38.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.260%
7) Chloroethane-d5	1.666	69	86792	50.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.620%
11) 1,1-Dichloroethene-d2	2.306	63	148751	29.744	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.480%#
21) 2-Butanone-d5	4.465	46	217122	103.170	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.170%
24) Chloroform-d	5.062	84	234553	44.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.520%
26) 1,2-Dichloroethane-d4	5.964	65	155300	45.325	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.640%
32) Benzene-d6	5.976	84	456549	46.621	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.240%
36) 1,2-Dichloropropane-d6	7.312	67	143198	49.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.860%
41) Toluene-d8	8.653	98	395378	42.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.660%
43) trans-1,3-Dichloroprop...	8.952	79	57567	40.703	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.400%
47) 2-Hexanone-d5	9.384	63	163713	105.528	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.530%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	212114	50.434	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.860%
66) 1,2-Dichlorobenzene-d4	12.323	152	143234	47.326	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.660%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	23426	7.502	ug/L	86
17) trans-1,2-Dichloroethene	3.099	96	3760	1.444	ug/L #	89
19) 1,1-Dichloroethane	3.611	63	145882	31.725	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	136076	46.247	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	45909	10.559	ug/L	97
34) Trichloroethene	7.135	95	14322	3.964	ug/L	94
35) Methylcyclohexane	7.312	83	36141	7.923	ug/L #	19
37) 1,2-Dichloropropane	7.312	63	16250	6.502	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	3948	0.988	ug/L	87
44) trans-1,3-Dichloropropene	8.952	75	2574	0.687	ug/L	98
46) Tetrachloroethene	9.275	164	2680	1.292	ug/L	94
49) Dibromochloromethane	9.275	129	2762	1.003	ug/L #	11
61) 1,2,3-Trichloropropane	12.024	75	16821	5.525	ug/L #	64

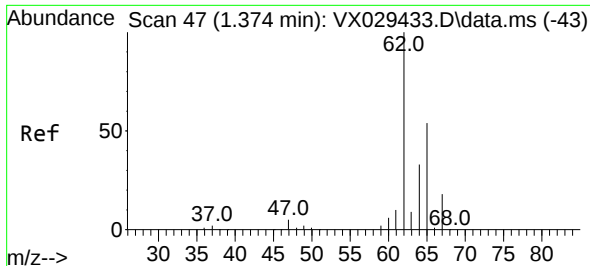
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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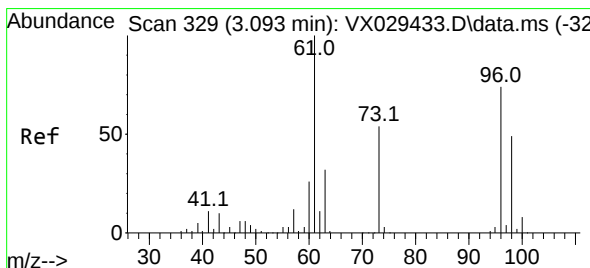
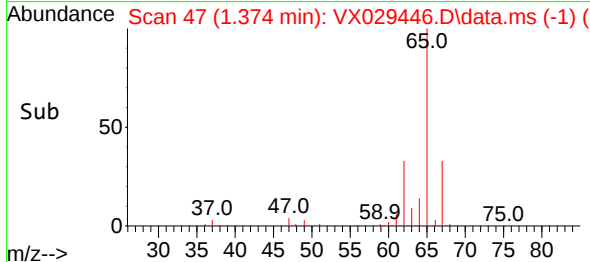
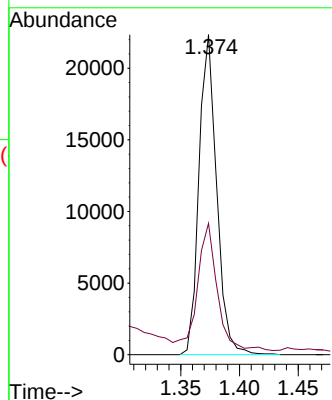
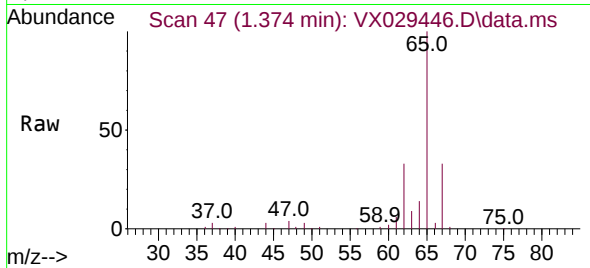




#5
 Vinyl chloride
 Concen: 7.502 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029446.D
 Acq: 14 Jun 2022 04:36

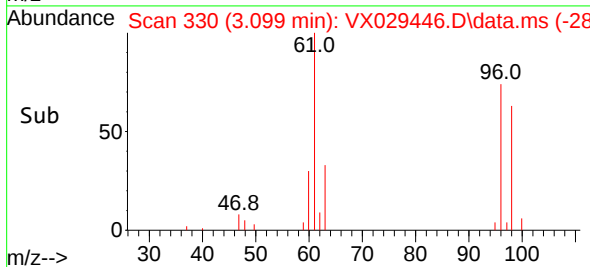
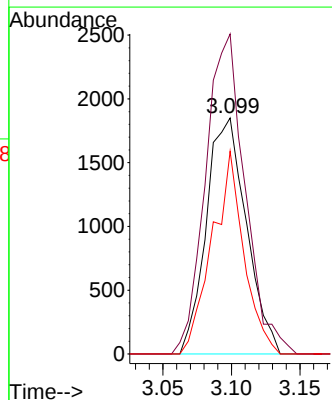
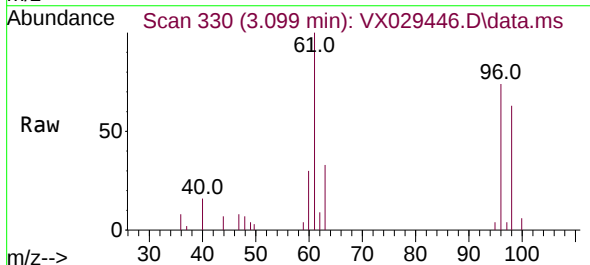
Instrument :
 MSVOA_X
 ClientSampleId :
 EXYT2DL

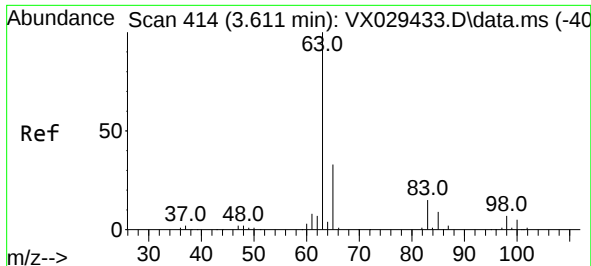
Tgt Ion: 62 Resp: 23426
 Ion Ratio Lower Upper
 62 100
 64 41.0 23.3 43.3



#17
 trans-1,2-Dichloroethene
 Concen: 1.444 ug/L
 RT: 3.099 min Scan# 330
 Delta R.T. 0.006 min
 Lab File: VX029446.D
 Acq: 14 Jun 2022 04:36

Tgt Ion: 96 Resp: 3760
 Ion Ratio Lower Upper
 96 100
 61 135.5 93.0 172.6
 98 85.9 44.3 82.3





#19

1,1-Dichloroethane

Concen: 31.725 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX029446.D

Acq: 14 Jun 2022 04:36

Instrument :

MSVOA_X

ClientSampleId :

EXYT2DL

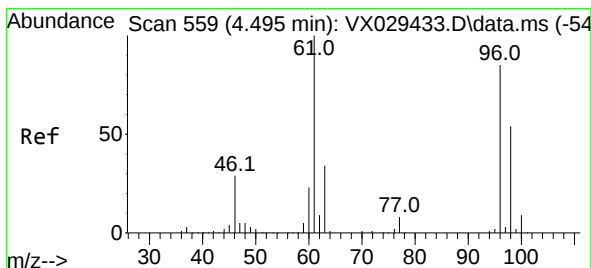
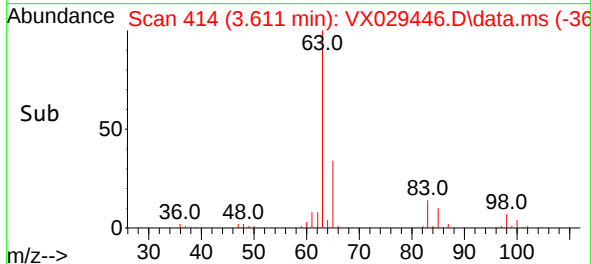
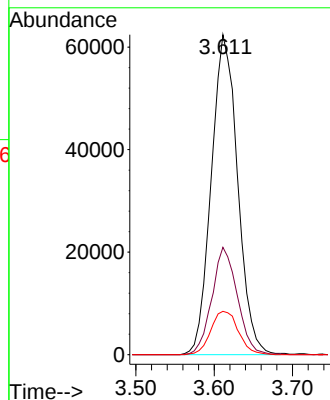
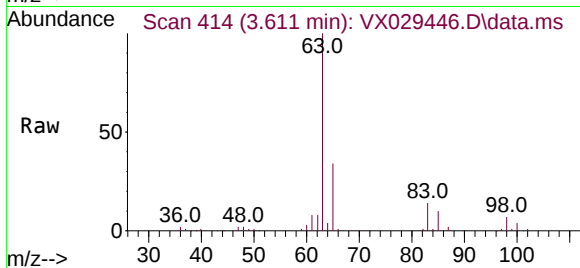
Tgt Ion: 63 Resp: 145882

Ion Ratio Lower Upper

63 100

65 33.6 22.9 42.5

83 13.5 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 46.247 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX029446.D

Acq: 14 Jun 2022 04:36

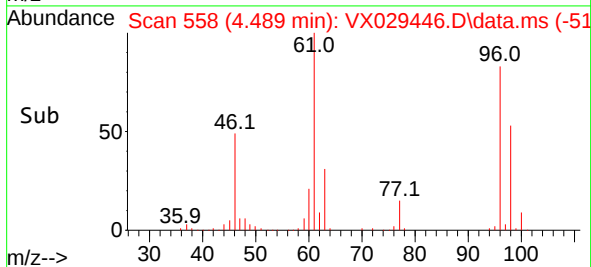
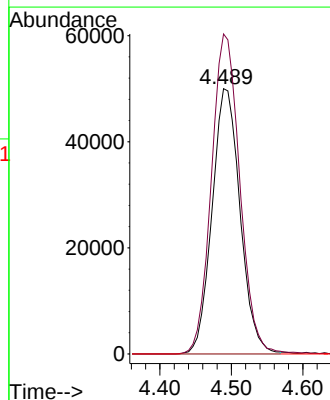
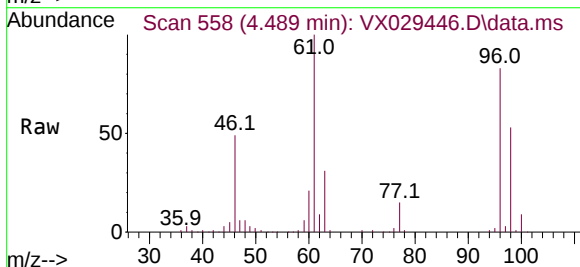
Tgt Ion: 96 Resp: 136076

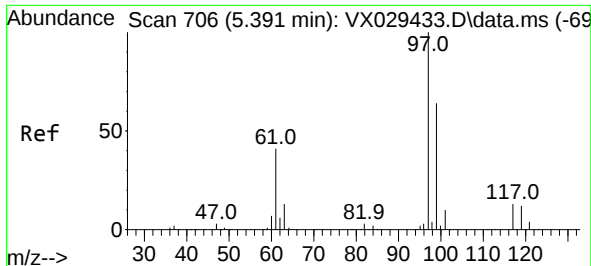
Ion Ratio Lower Upper

96 100

61 120.7 86.7 161.1

68 0.0 0.0 0.0

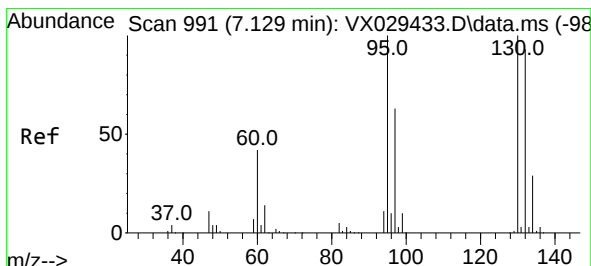
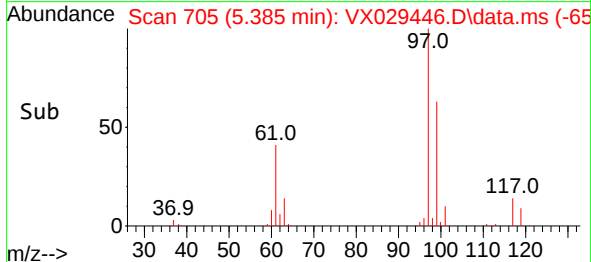
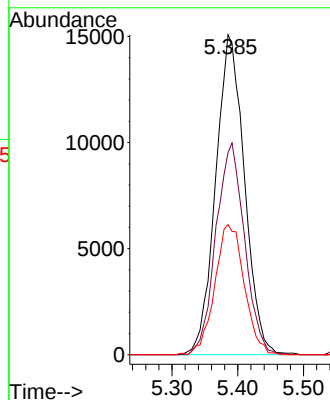
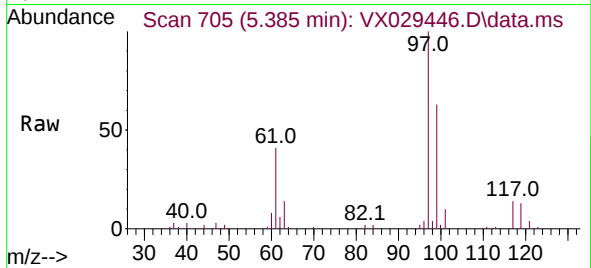




#30
1,1,1-Trichloroethane
Concen: 10.559 ug/L
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX029446.D
Acq: 14 Jun 2022 04:36

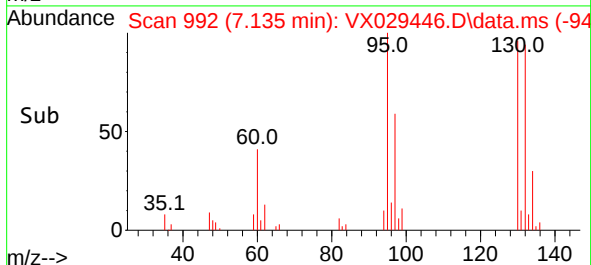
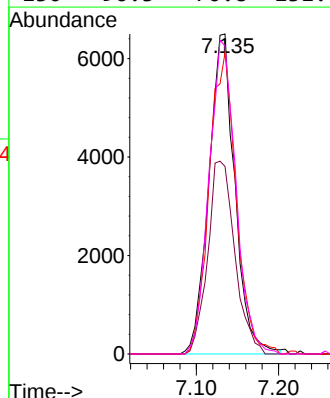
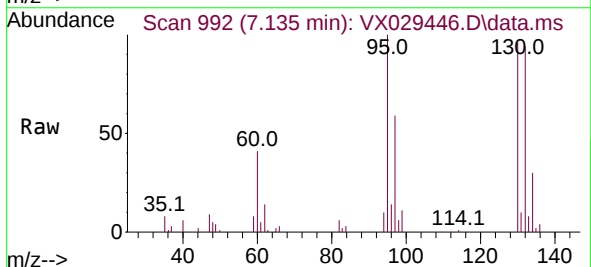
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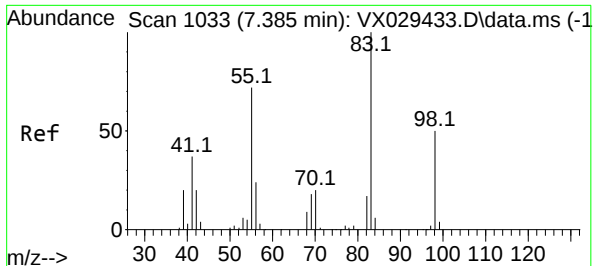
Tgt Ion: 97	Resp: 45909
Ion Ratio	Lower Upper
97 100	
99 65.9	51.5 77.3
61 41.6	35.2 52.8



#34
Trichloroethene
Concen: 3.964 ug/L
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029446.D
Acq: 14 Jun 2022 04:36

Tgt Ion: 95	Resp: 14322
Ion Ratio	Lower Upper
95 100	
97 58.6	45.5 84.5
132 94.1	69.9 129.7
130 96.3	70.8 131.6

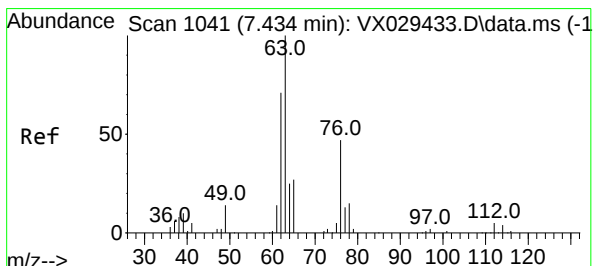
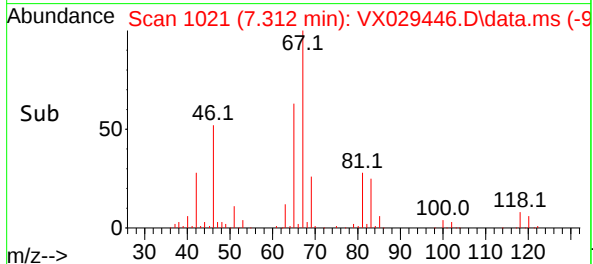
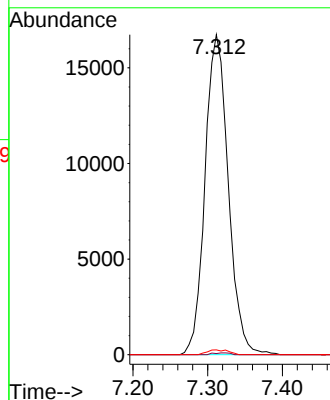
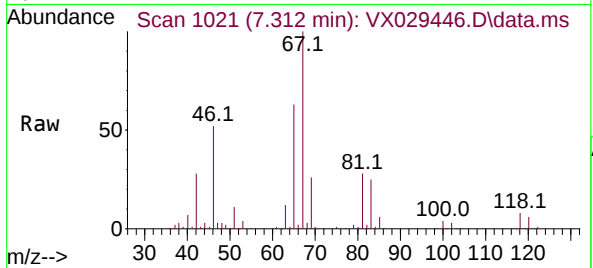




#35
Methylcyclohexane
Concen: 7.923 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX029446.D
Acq: 14 Jun 2022 04:36

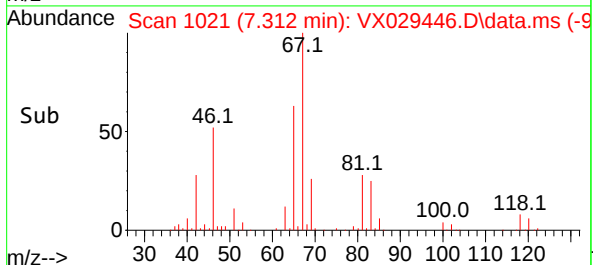
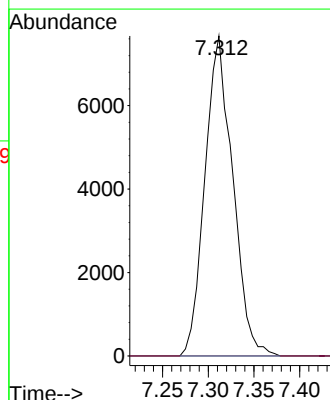
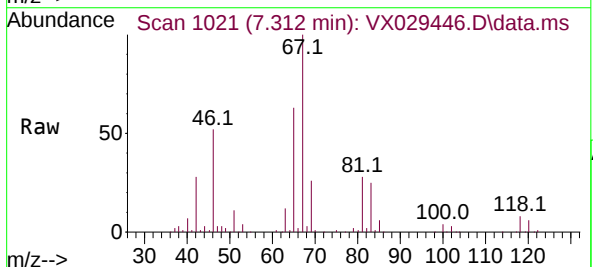
Instrument :
MSVOA_X
ClientSampleId :
EXYT2DL

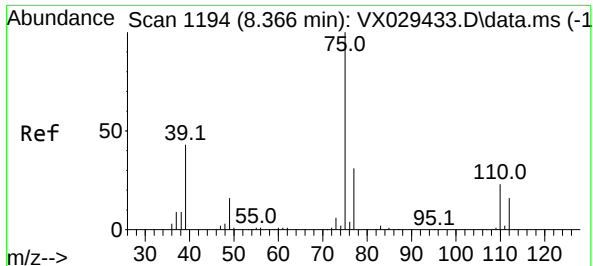
Tgt Ion: 83 Resp: 36141
Ion Ratio Lower Upper
83 100
55 0.1 60.6 90.8#
98 0.9 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 6.502 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX029446.D
Acq: 14 Jun 2022 04:36

Tgt Ion: 63 Resp: 16250
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.988 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX029446.D

Acq: 14 Jun 2022 04:36

Instrument :

MSVOA_X

ClientSampleId :

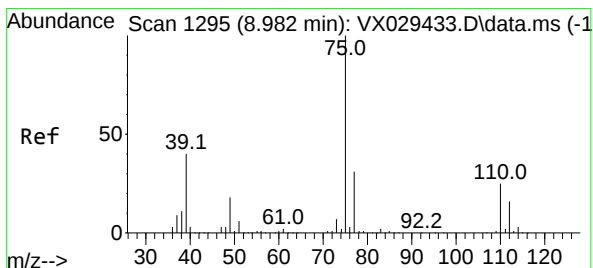
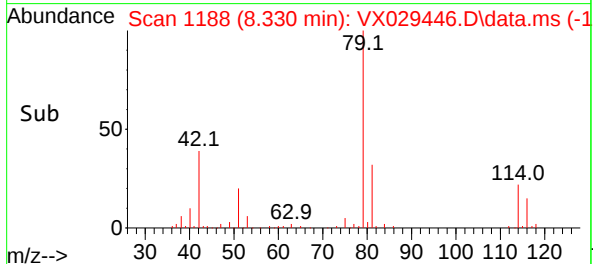
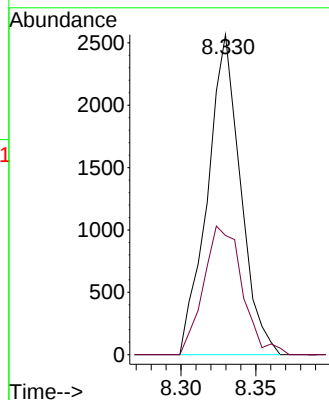
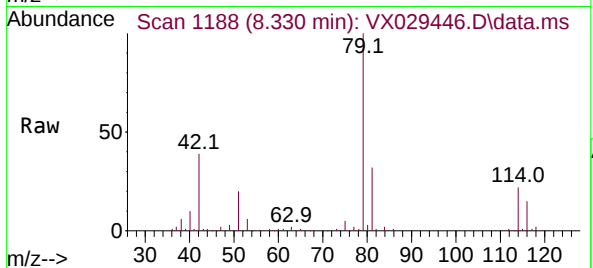
EXYT2DL

Tgt Ion: 75 Resp: 3948

Ion Ratio Lower Upper

75 100

77 37.3 21.1 39.1



#44

trans-1,3-Dichloropropene

Concen: 0.687 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX029446.D

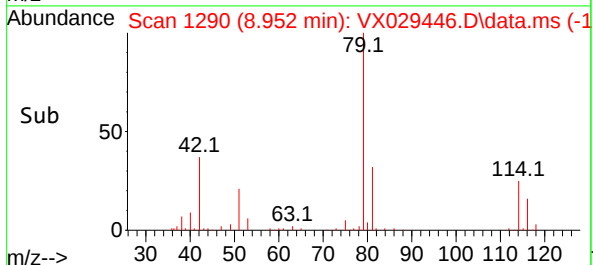
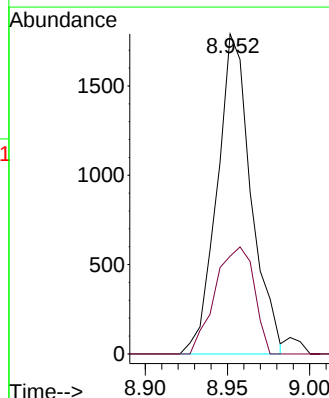
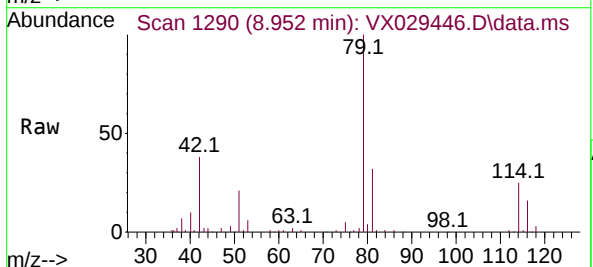
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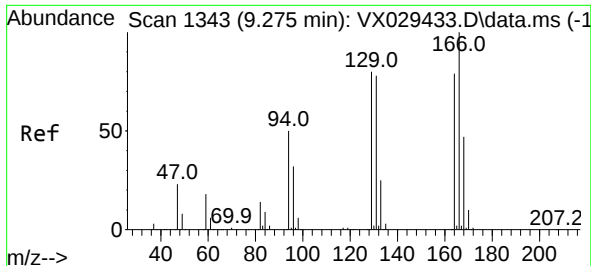
Tgt Ion: 75 Resp: 2574

Ion Ratio Lower Upper

75 100

77 30.5 22.3 41.3

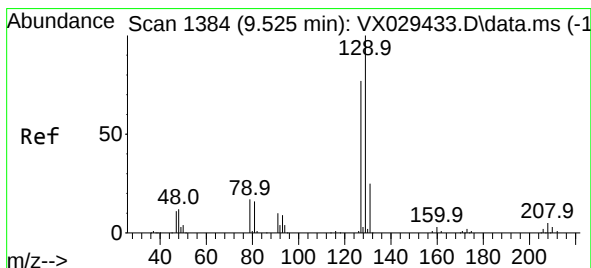
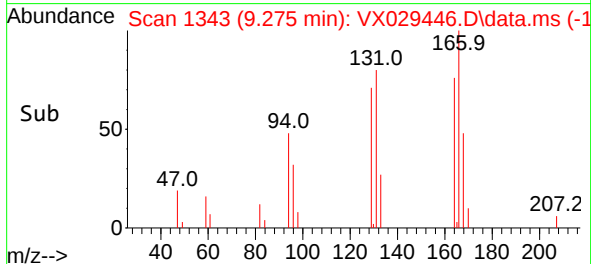
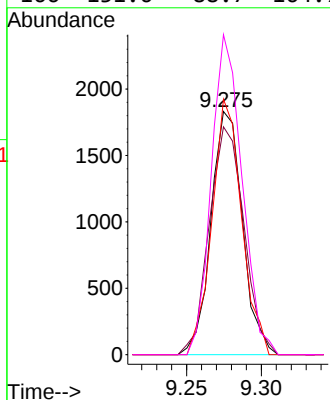
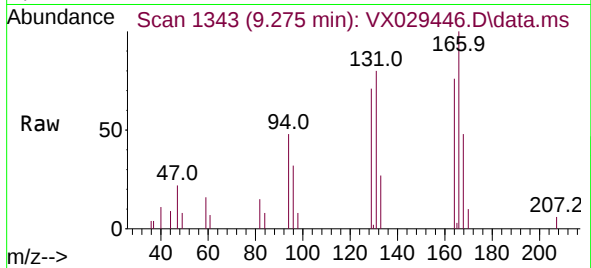




#46
Tetrachloroethene
Concen: 1.292 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029446.D
Acq: 14 Jun 2022 04:36

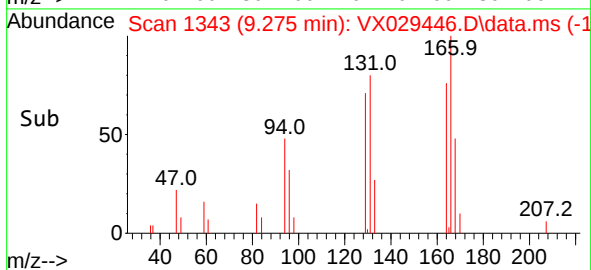
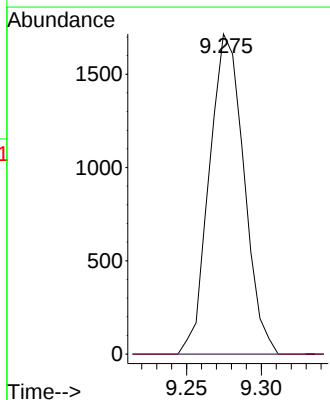
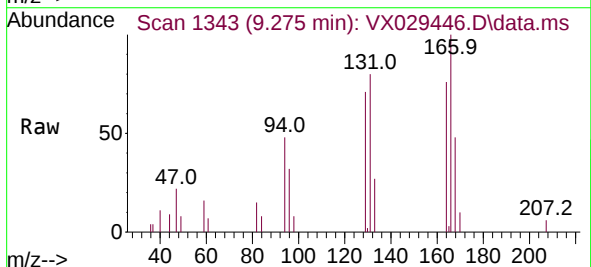
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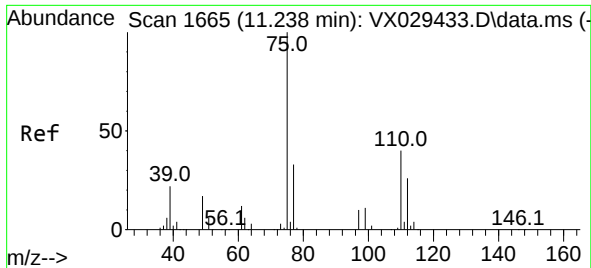
Tgt Ion:164 Resp: 2680
Ion Ratio Lower Upper
164 100
129 93.7 65.5 121.7
131 105.0 64.3 119.3
166 131.6 88.7 164.7



#49
Dibromochloromethane
Concen: 1.003 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX029446.D
Acq: 14 Jun 2022 04:36

Tgt Ion:129 Resp: 2762
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#





#61
 1,2,3-Trichloropropane
 Concen: 5.525 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX029446.D
 Acq: 14 Jun 2022 04:36

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYT2DL

Tgt Ion: 75 Resp: 16821
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.8 38.6
 110 3.2 33.4 50.0#

