

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039247.D
 Acq On : 15 Dec 2023 22:34
 Operator : JC/MD
 Sample : 05844-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:53:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

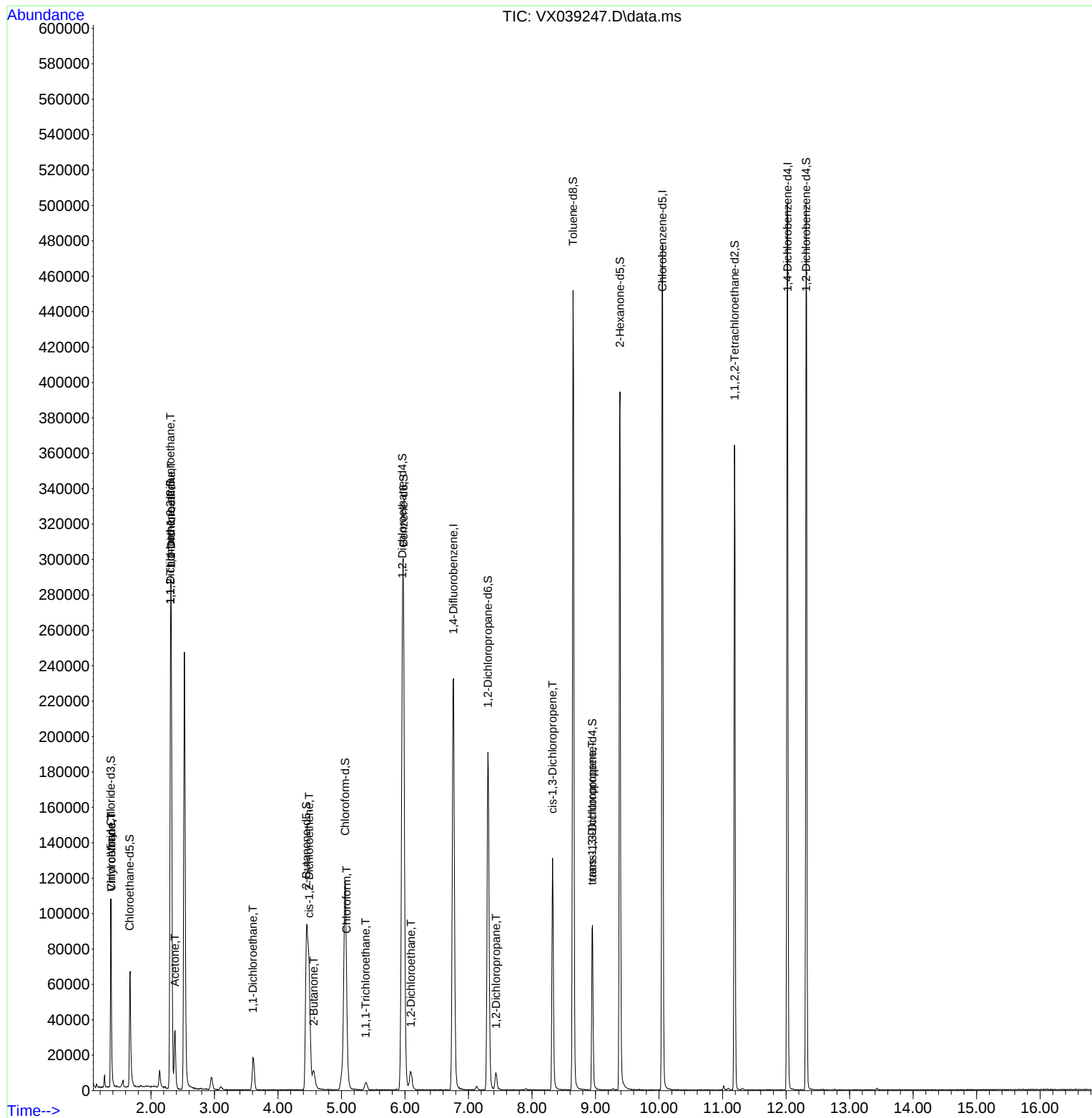
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	225917	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	207023	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95121	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	63384	35.770	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.540%
7) Chloroethane-d5	1.666	69	50882	38.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.700%
11) 1,1-Dichloroethene-d2	2.306	65	34310	44.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.220%
21) 2-Butanone-d5	4.446	46	155904	97.198	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.200%
24) Chloroform-d	5.056	84	146245	46.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	5.958	65	104311	51.347	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.700%
32) Benzene-d6	5.976	84	291888	45.685	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	7.305	67	95568	46.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	8.646	98	262247	45.293	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.580%
43) trans-1,3-Dichloroprop...	8.951	79	44188	42.231	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.460%
47) 2-Hexanone-d5	9.384	63	109333	89.028	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.030%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	138166	47.368	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.740%
66) 1,2-Dichlorobenzene-d4	12.317	152	92355	51.367	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.740%
Target Compounds						Qvalue
5) Vinyl chloride	1.373	62	7066	3.807	ug/L #	74
8) Chloroethane	1.373	64	3272	3.118	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1393	0.900	ug/L #	17
12) 1,1-Dichloroethene	2.318	96	52499	36.072	ug/L	87
13) Acetone	2.379	43	34987	22.706	ug/L	96
19) 1,1-Dichloroethane	3.605	63	20976	6.918	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	32557	18.305	ug/L	94
22) 2-Butanone	4.562	43	17829	9.428	ug/L	91
25) Chloroform	5.080	83	4612	1.525	ug/L	98
27) 1,2-Dichloroethane	6.092	62	11340	4.751	ug/L #	91
30) 1,1,1-Trichloroethane	5.379	97	4003	1.594	ug/L	97
37) 1,2-Dichloropropane	7.433	63	4189	2.296	ug/L #	89
39) cis-1,3-Dichloropropene	8.323	75	3350	1.151	ug/L #	77
44) trans-1,3-Dichloropropene	8.945	75	2164	0.801	ug/L	92

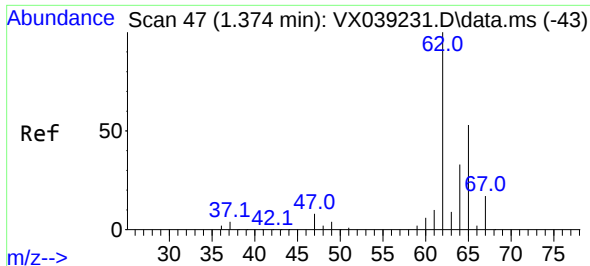
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039247.D
Acq On : 15 Dec 2023 22:34
Operator : JC/MD
Sample : 05844-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 16 01:53:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

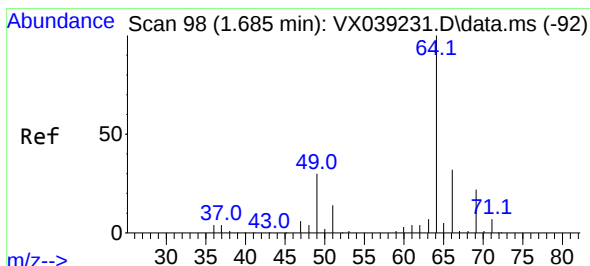
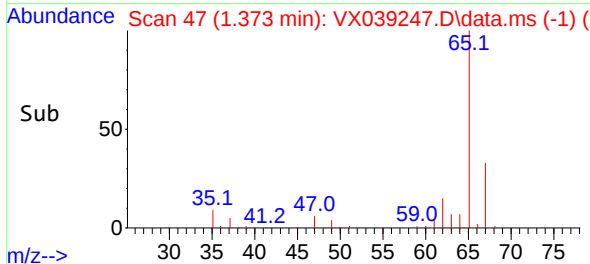
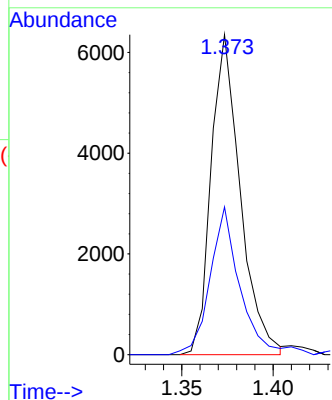
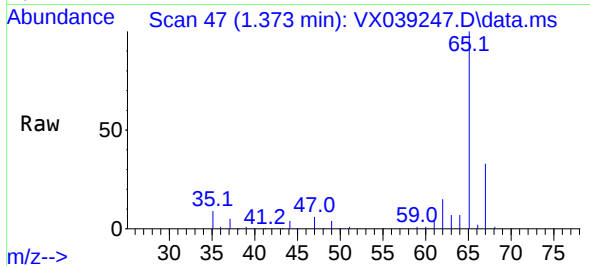




#5
Vinyl chloride
Concen: 3.807 ug/L
RT: 1.373 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX039247.D
Acq: 15 Dec 2023 22:34

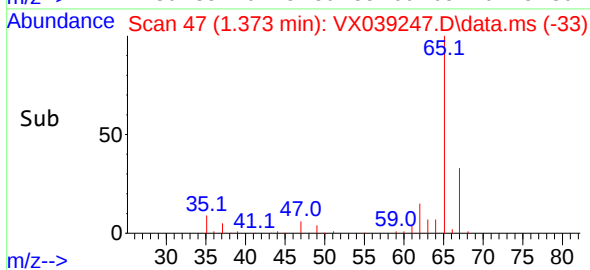
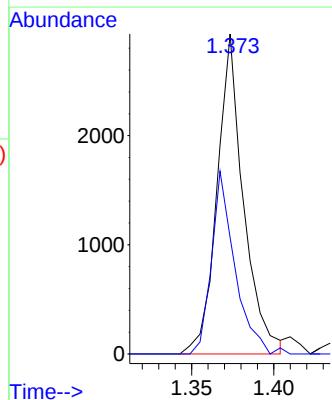
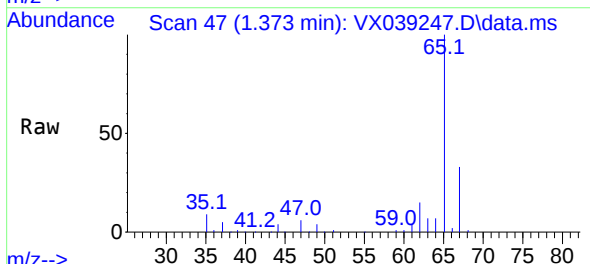
Instrument :
MSVOA_X
ClientSampleId :

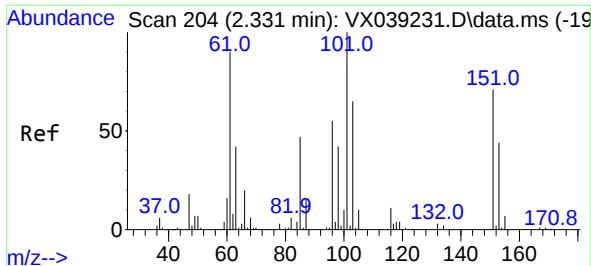
Tgt Ion: 62 Resp: 7066
Ion Ratio Lower Upper
62 100
64 46.1 22.3 41.3#



#8
Chloroethane
Concen: 3.118 ug/L
RT: 1.373 min Scan# 47
Delta R.T. -0.317 min
Lab File: VX039247.D
Acq: 15 Dec 2023 22:34

Tgt Ion: 64 Resp: 3272
Ion Ratio Lower Upper
64 100
66 36.3 23.4 43.6

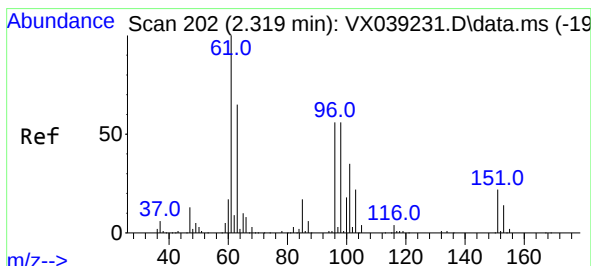
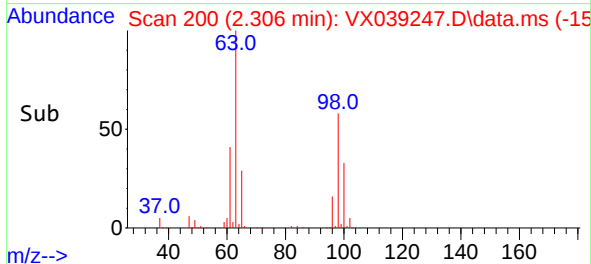
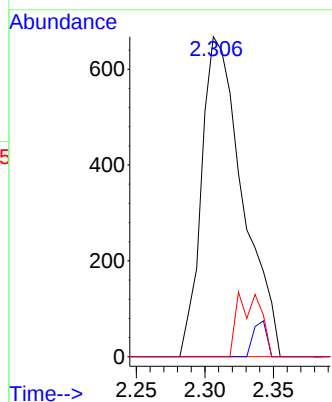
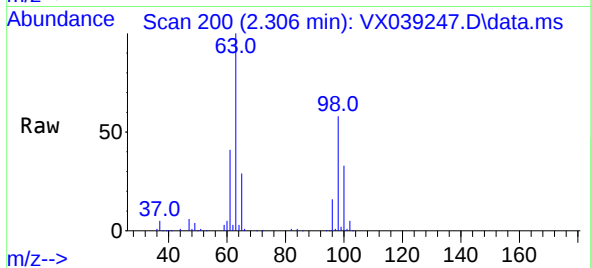




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.900 ug/L
RT: 2.306 min Scan# 204
Delta R.T. -0.025 min
Lab File: VX039247.D
Acq: 15 Dec 2023 22:34

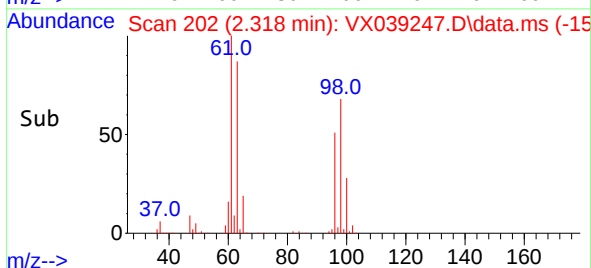
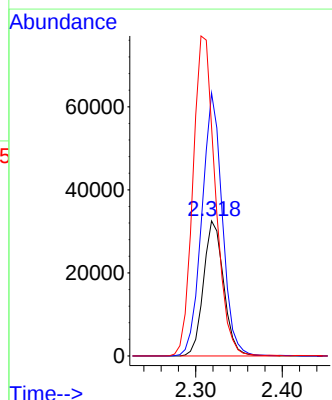
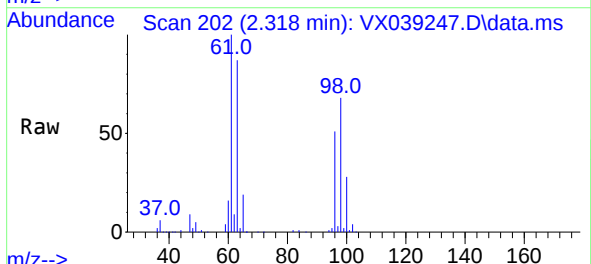
Instrument :
MSVOA_X
ClientSampleId :

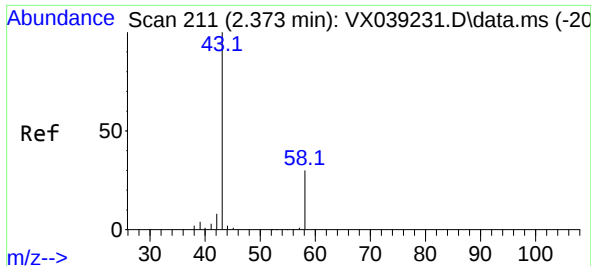
Tgt Ion:101 Resp: 1393
Ion Ratio Lower Upper
101 100
85 104.2 35.8 53.6#
151 5.7 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 36.072 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039247.D
Acq: 15 Dec 2023 22:34

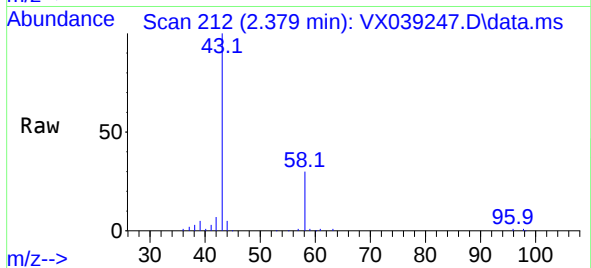
Tgt Ion: 96 Resp: 52499
Ion Ratio Lower Upper
96 100
61 194.6 128.0 237.6
63 169.6 101.5 188.5



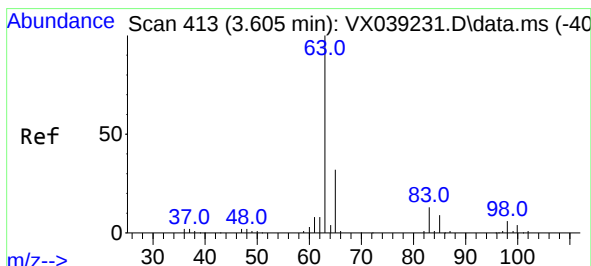
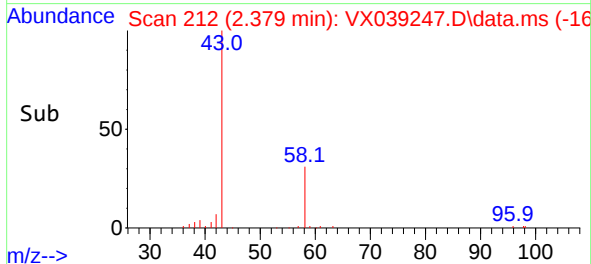
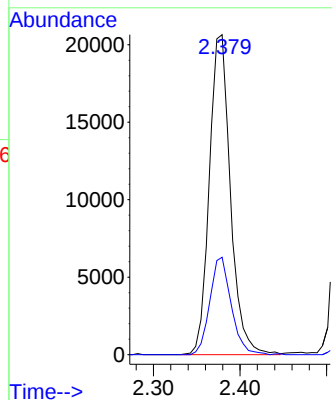


#13
Acetone
Concen: 22.706 ug/L
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX039247.D
Acq: 15 Dec 2023 22:34

Instrument :
MSVOA_X
ClientSampleId :

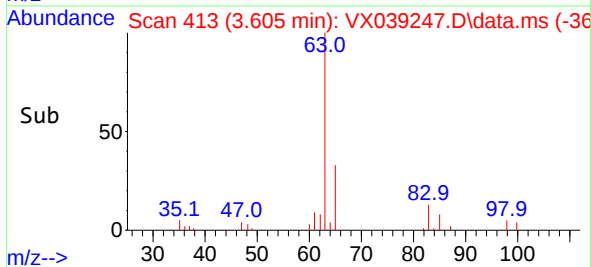
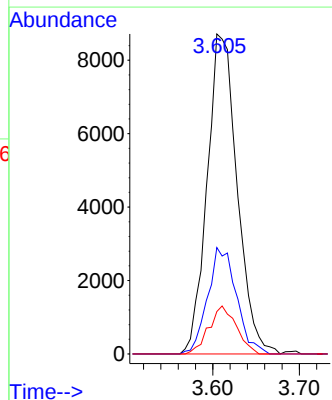
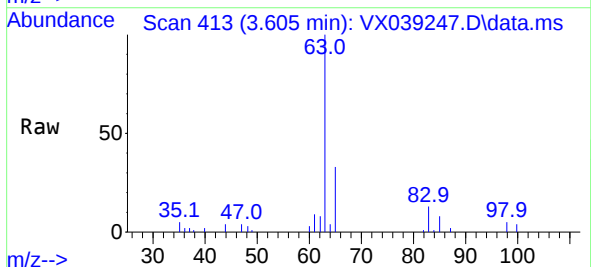


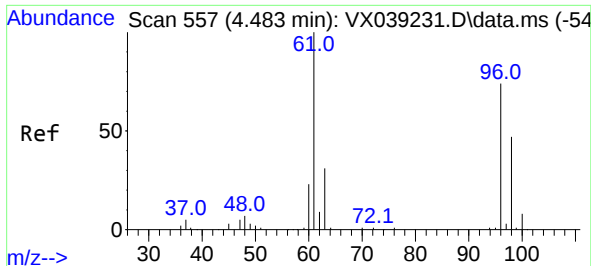
Tgt Ion: 43 Resp: 34987
Ion Ratio Lower Upper
43 100
58 30.8 0.0 65.8



#19
1,1-Dichloroethane
Concen: 6.918 ug/L
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX039247.D
Acq: 15 Dec 2023 22:34

Tgt Ion: 63 Resp: 20976
Ion Ratio Lower Upper
63 100
65 33.3 21.1 39.3
83 13.2 9.7 17.9





#20

cis-1,2-Dichloroethene

Concen: 18.305 ug/L

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039247.D

Acq: 15 Dec 2023 22:34

Instrument :

MSVOA_X

ClientSampleId :

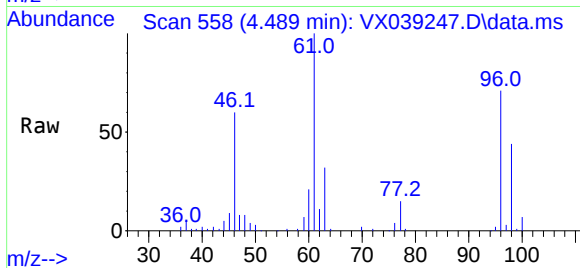
Tgt Ion: 96 Resp: 32557

Ion Ratio Lower Upper

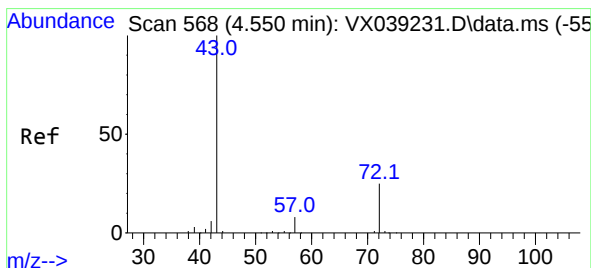
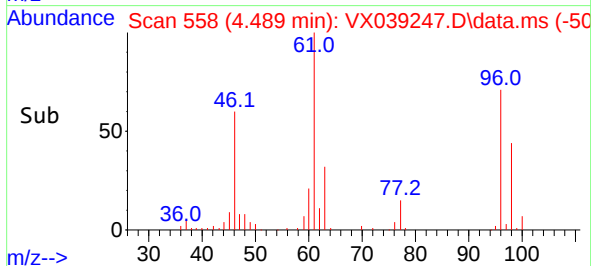
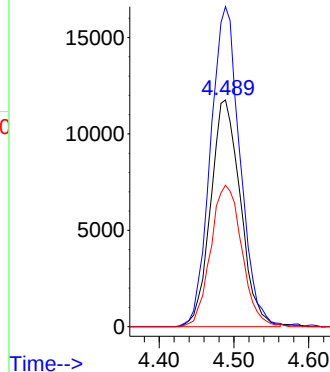
96 100

61 141.2 91.7 170.3

98 62.4 44.2 82.2



Abundance



#22

2-Butanone

Concen: 9.428 ug/L

RT: 4.562 min Scan# 570

Delta R.T. 0.018 min

Lab File: VX039247.D

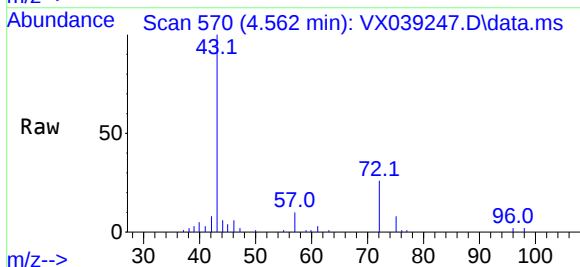
Acq: 15 Dec 2023 22:34

Tgt Ion: 43 Resp: 17829

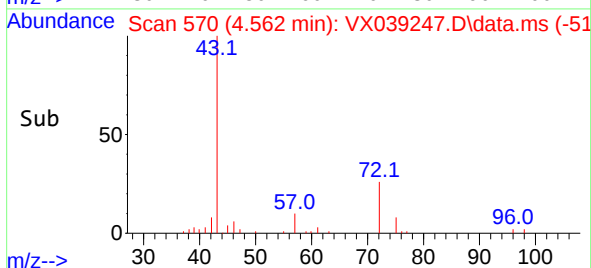
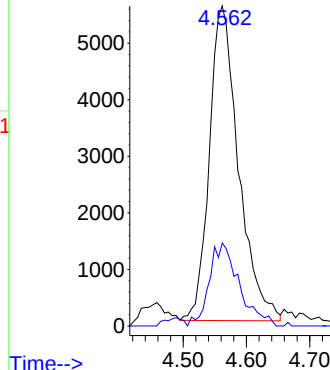
Ion Ratio Lower Upper

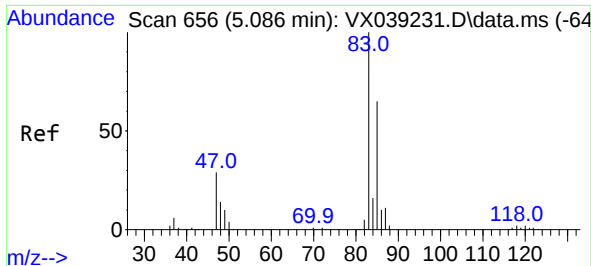
43 100

72 20.7 12.6 37.6



Abundance





#25

Chloroform

Concen: 1.525 ug/L

RT: 5.080 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX039247.D

Acq: 15 Dec 2023 22:34

Instrument :

MSVOA_X

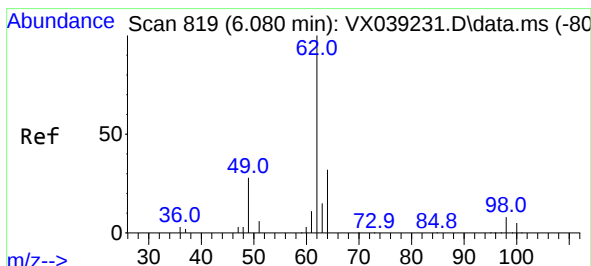
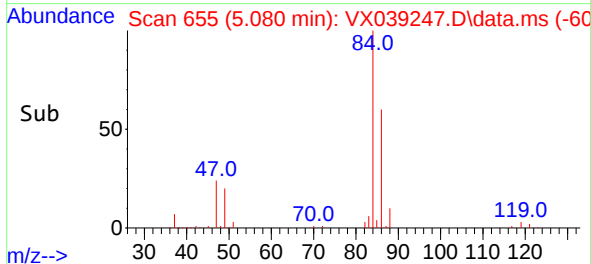
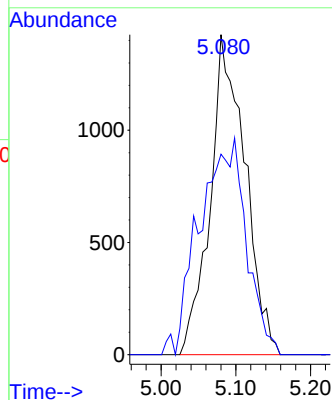
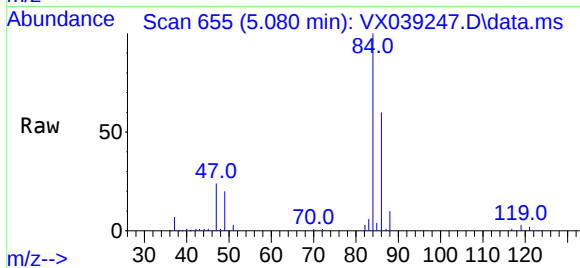
ClientSampleId :

Tgt Ion: 83 Resp: 4612

Ion Ratio Lower Upper

83 100

85 62.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.751 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.012 min

Lab File: VX039247.D

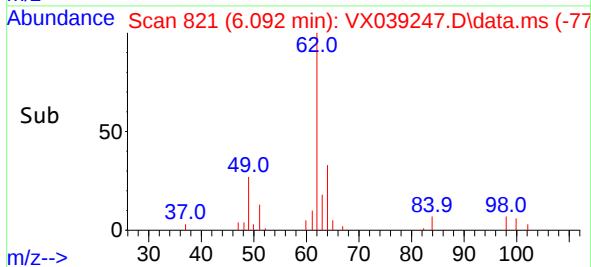
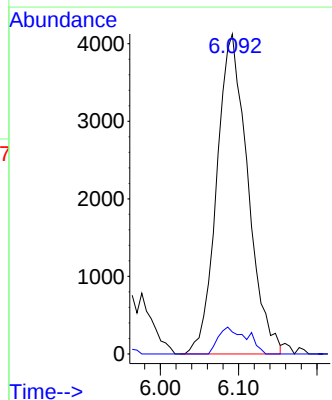
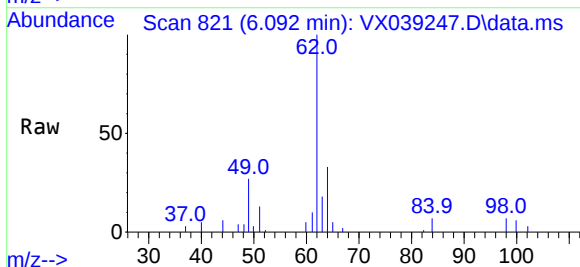
Acq: 15 Dec 2023 22:34

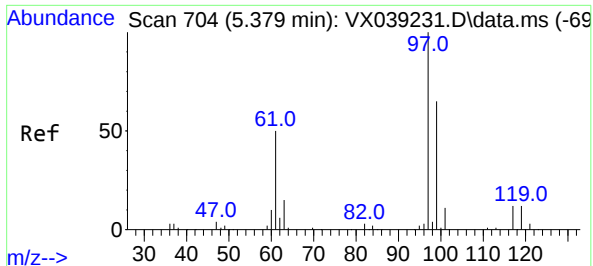
Tgt Ion: 62 Resp: 11340

Ion Ratio Lower Upper

62 100

98 6.8 8.0 12.0#



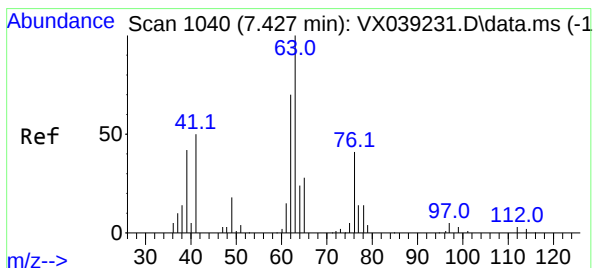
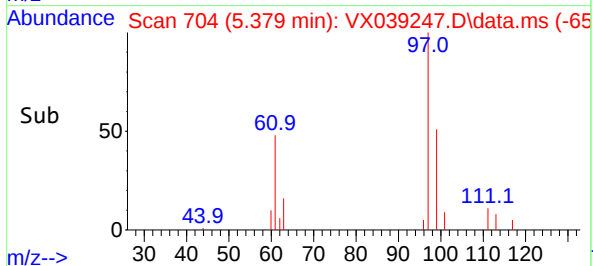
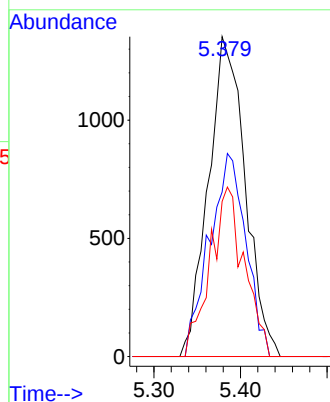
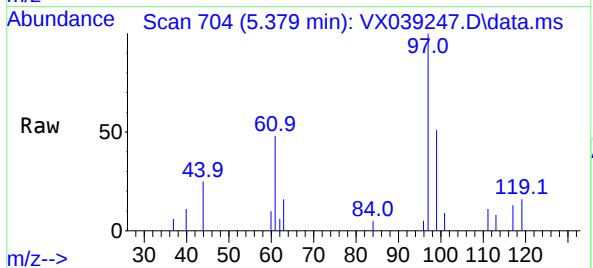


#30
1,1,1-Trichloroethane
Concen: 1.594 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039247.D
Acq: 15 Dec 2023 22:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 4003

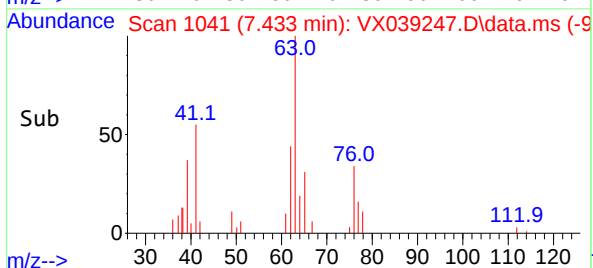
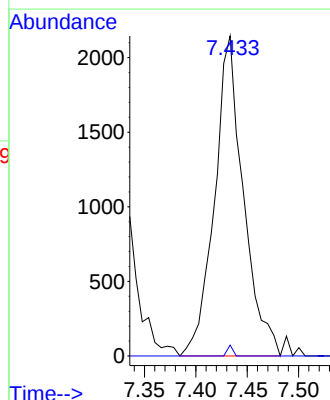
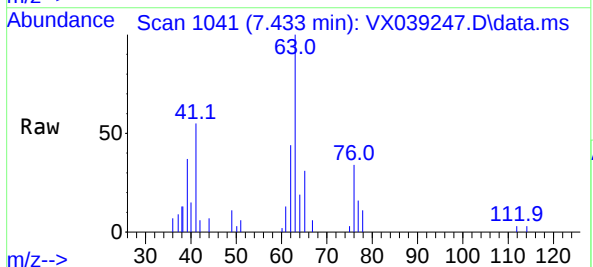
Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.0	76.4
61	49.4	36.7	55.1

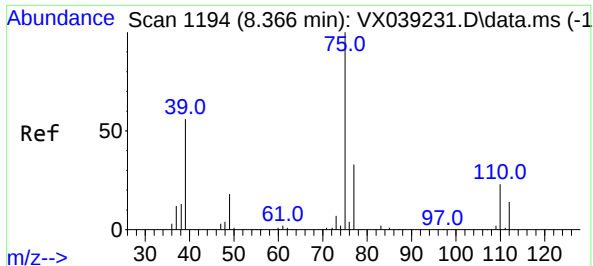


#37
1,2-Dichloropropane
Concen: 2.296 ug/L
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX039247.D
Acq: 15 Dec 2023 22:34

Tgt Ion: 63 Resp: 4189

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.151 ug/L

RT: 8.323 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039247.D

Acq: 15 Dec 2023 22:34

Instrument :

MSVOA_X

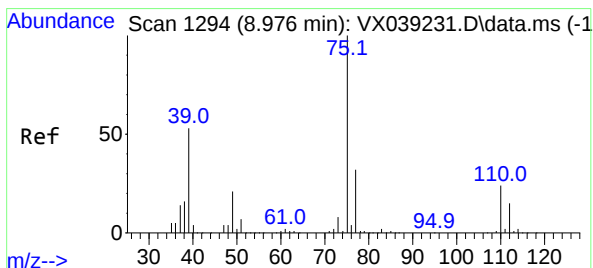
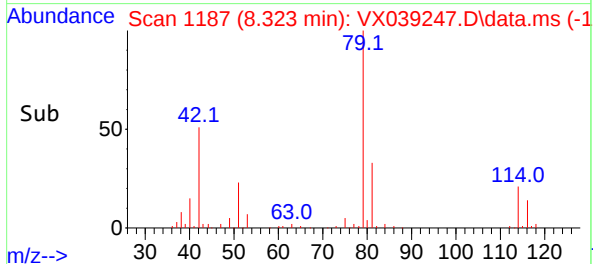
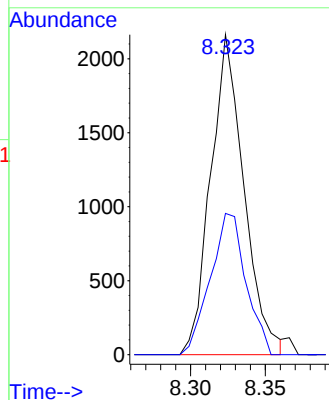
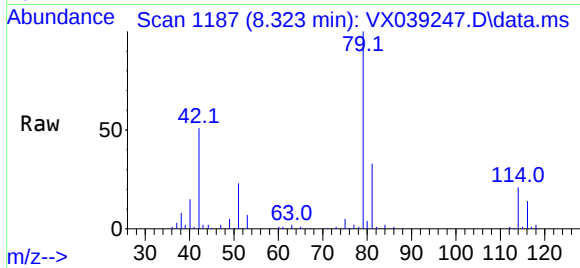
ClientSampleId :

Tgt Ion: 75 Resp: 3350

Ion Ratio Lower Upper

75 100

77 44.2 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.801 ug/L

RT: 8.945 min Scan# 1289

Delta R.T. -0.025 min

Lab File: VX039247.D

Acq: 15 Dec 2023 22:34

Tgt Ion: 75 Resp: 2164

Ion Ratio Lower Upper

75 100

77 35.7 22.0 40.8

