

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039294.D
 Acq On : 16 Dec 2023 16:39
 Operator : JC/MD
 Sample : 05845-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 21:13:21 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)

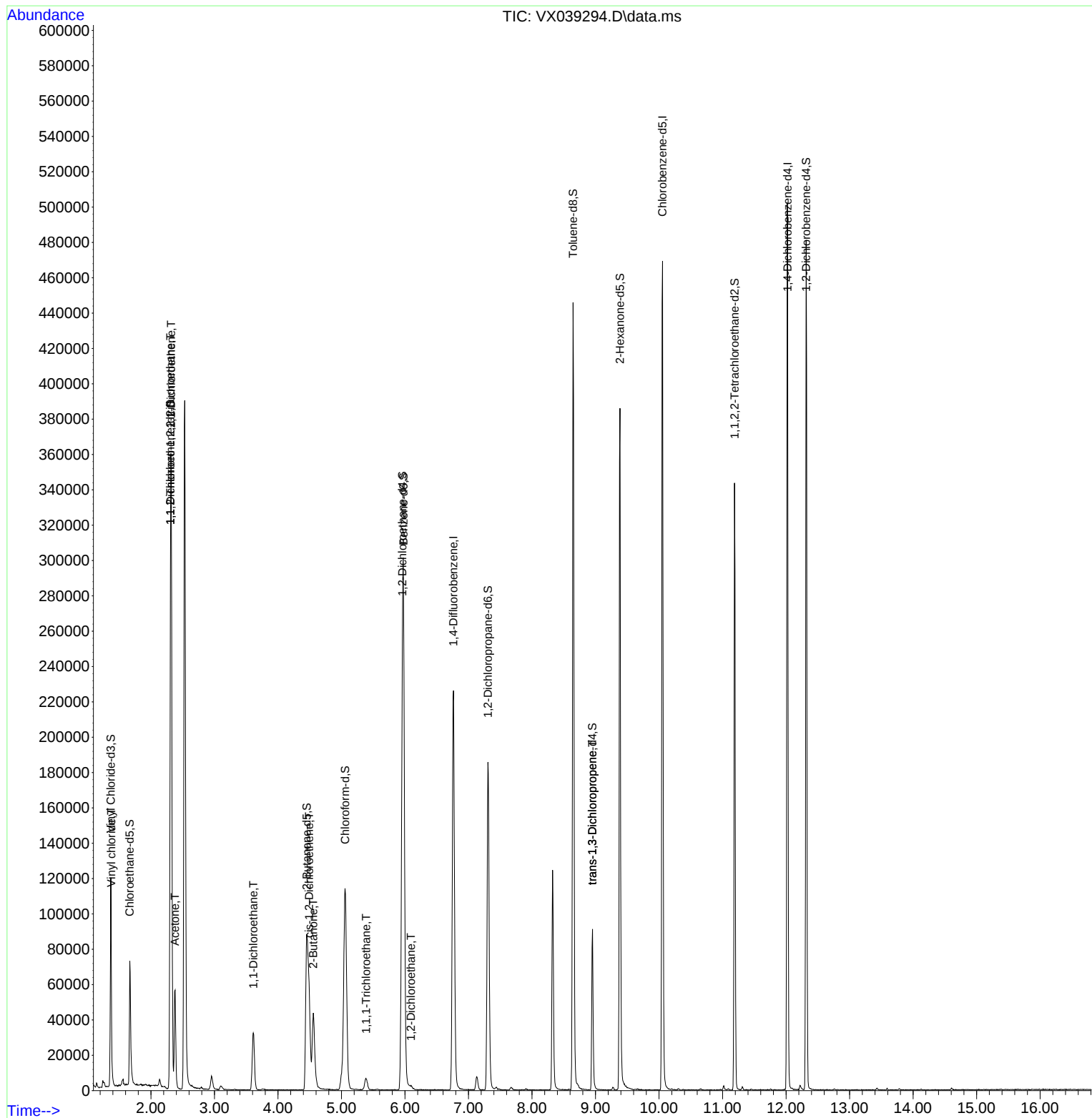
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	217955	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96181	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	69005	40.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.740%
7) Chloroethane-d5	1.666	69	52494	41.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.080%
11) 1,1-Dichloroethene-d2	2.306	65	34088	45.425	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.860%
21) 2-Butanone-d5	4.452	46	147465	95.295	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.300%
24) Chloroform-d	5.056	84	142890	47.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.440%
26) 1,2-Dichloroethane-d4	5.958	65	98240	50.125	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.260%
32) Benzene-d6	5.976	84	292171	46.781	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
36) 1,2-Dichloropropane-d6	7.305	67	93549	46.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.080%
41) Toluene-d8	8.647	98	260100	45.955	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.920%
43) trans-1,3-Dichloroprop...	8.952	79	41435	40.510	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.020%
47) 2-Hexanone-d5	9.384	63	105403	87.802	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.800%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	130709	45.842	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.680%
66) 1,2-Dichlorobenzene-d4	12.317	152	87218	47.975	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.940%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	5975	3.337	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1276	0.855	ug/L #	46
12) 1,1-Dichloroethene	2.319	96	78090	55.616	ug/L	92
13) Acetone	2.380	43	58651	39.453	ug/L	97
19) 1,1-Dichloroethane	3.611	63	37646	12.870	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	24432	14.238	ug/L	97
22) 2-Butanone	4.556	43	76962	42.184	ug/L	99
27) 1,2-Dichloroethane	6.092	62	1713	0.744	ug/L #	73
30) 1,1,1-Trichloroethane	5.385	97	5761	2.346	ug/L	90
44) trans-1,3-Dichloropropene	8.952	75	2047	0.775	ug/L #	81

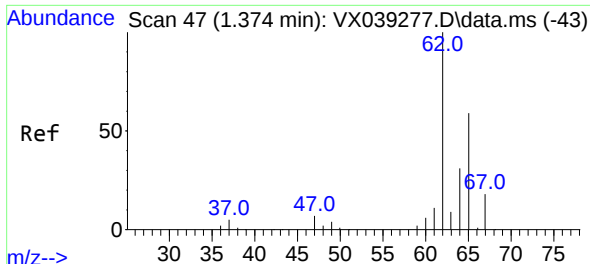
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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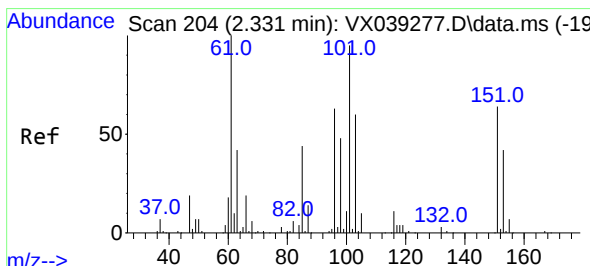
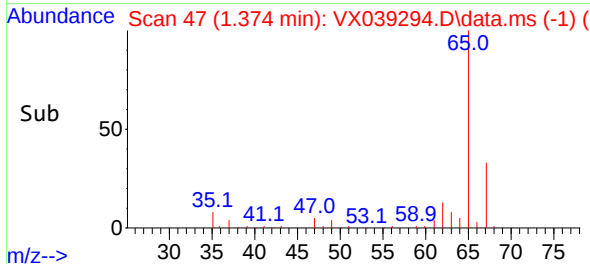
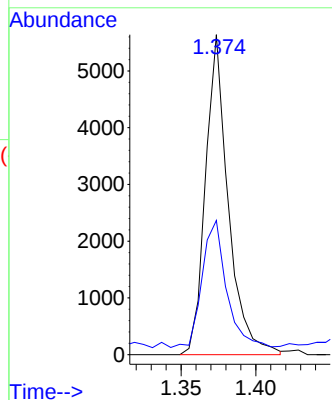
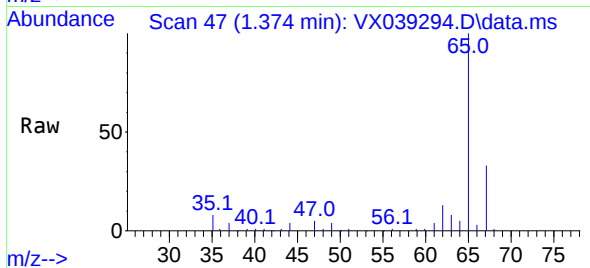




#5
 Vinyl chloride
 Concen: 3.337 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039294.D
 Acq: 16 Dec 2023 16:39

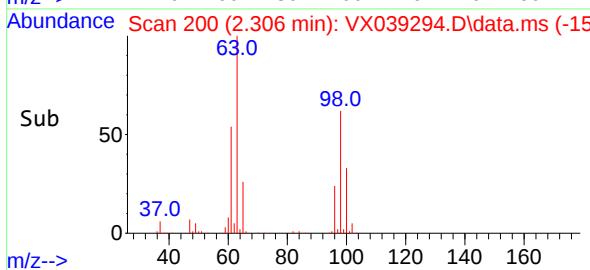
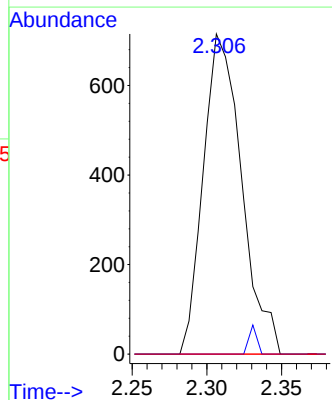
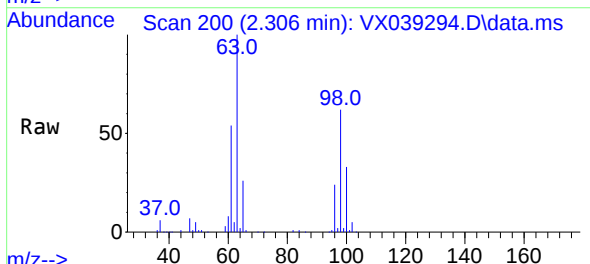
Instrument :
 MSVOA_X
 ClientSampleId :

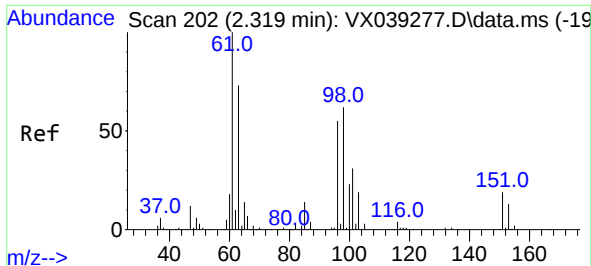
Tgt Ion: 62 Resp: 5975
 Ion Ratio Lower Upper
 62 100
 64 42.0 22.3 41.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.855 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.025 min
 Lab File: VX039294.D
 Acq: 16 Dec 2023 16:39

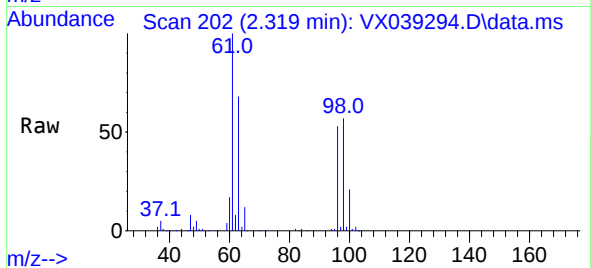
Tgt Ion: 101 Resp: 1276
 Ion Ratio Lower Upper
 101 100
 85 48.3 35.8 53.6
 151 0.0 55.4 83.2#



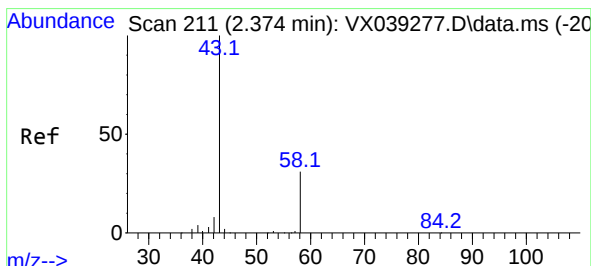
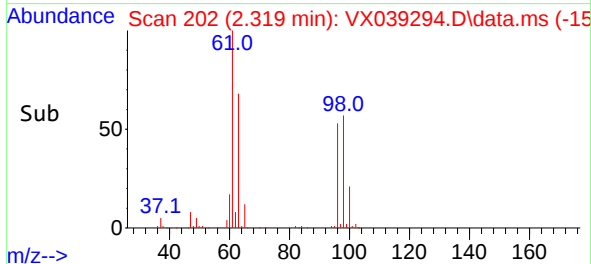
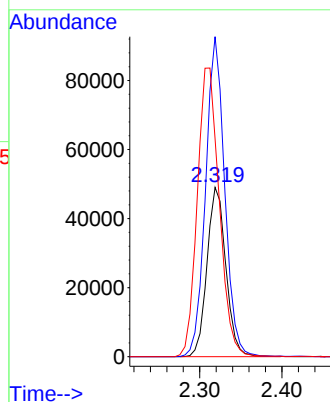


#12
1,1-Dichloroethene
Concen: 55.616 ug/L
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX039294.D
Acq: 16 Dec 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :

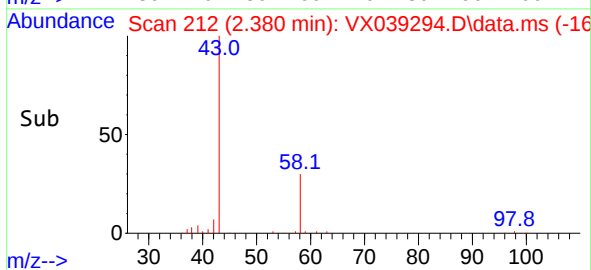
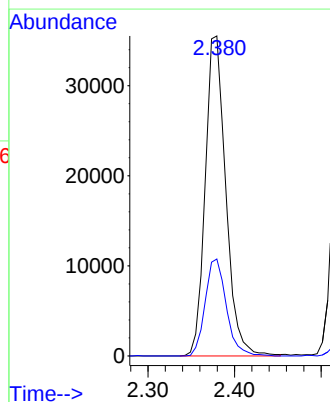
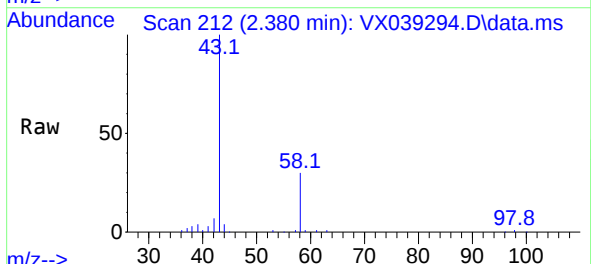


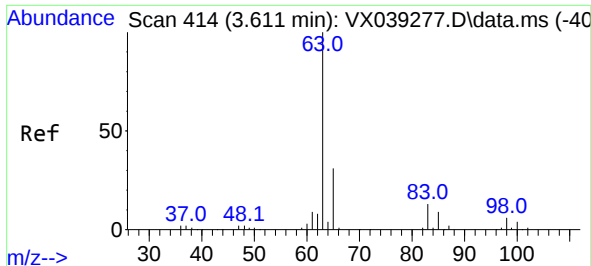
Tgt Ion: 96 Resp: 78090
Ion Ratio Lower Upper
96 100
61 189.0 128.0 237.6
63 128.6 101.5 188.5



#13
Acetone
Concen: 39.453 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039294.D
Acq: 16 Dec 2023 16:39

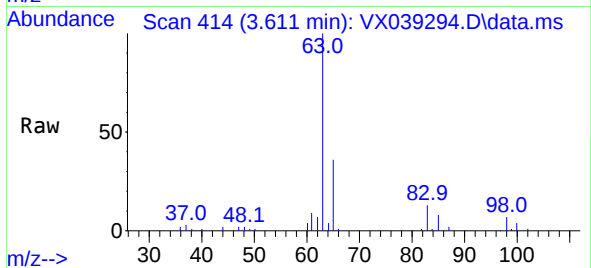
Tgt Ion: 43 Resp: 58651
Ion Ratio Lower Upper
43 100
58 31.1 0.0 65.8



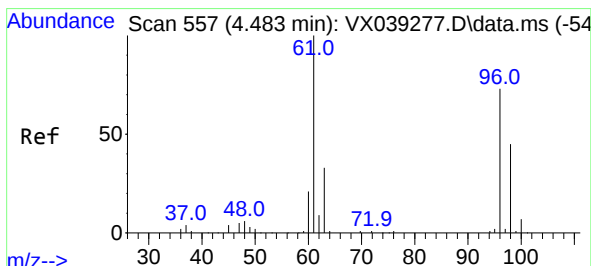
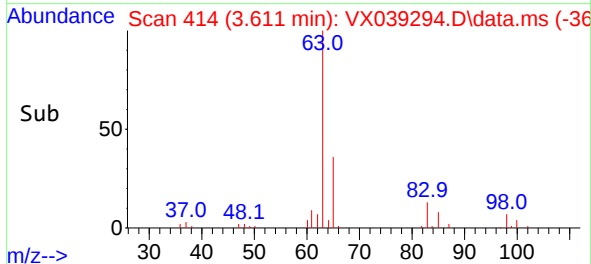
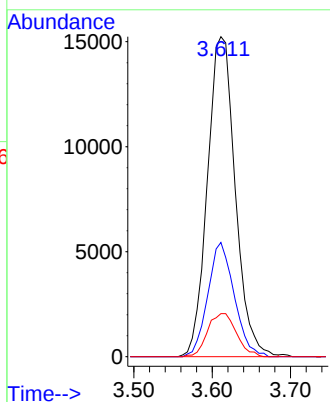


#19
1,1-Dichloroethane
Concen: 12.870 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039294.D
Acq: 16 Dec 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :

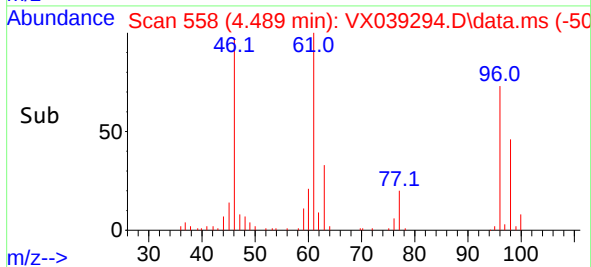
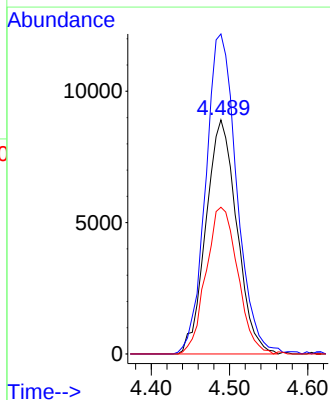
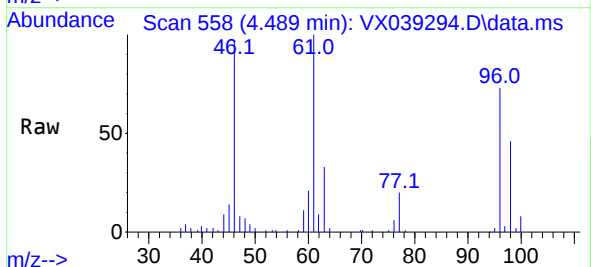


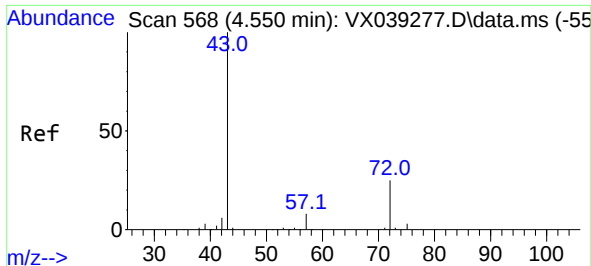
Tgt Ion: 63 Resp: 37646
Ion Ratio Lower Upper
63 100
65 35.7 21.1 39.3
83 13.5 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 14.238 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX039294.D
Acq: 16 Dec 2023 16:39

Tgt Ion: 96 Resp: 24432
Ion Ratio Lower Upper
96 100
61 136.7 91.7 170.3
98 62.7 44.2 82.2

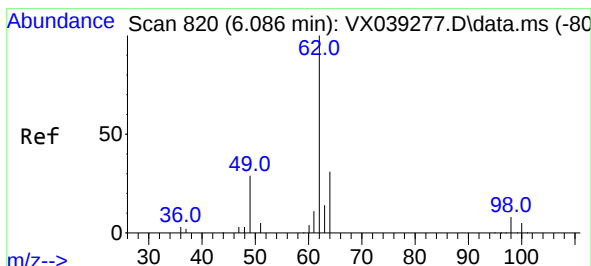
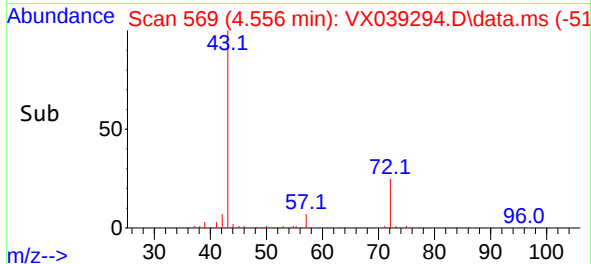
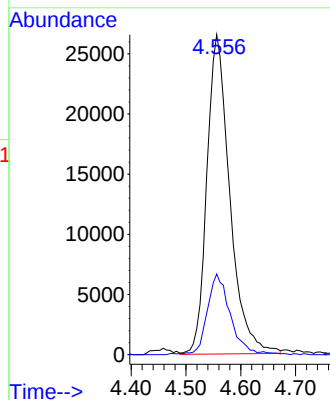
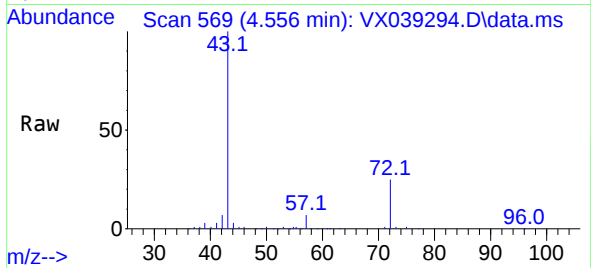




#22
2-Butanone
Concen: 42.184 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX039294.D
Acq: 16 Dec 2023 16:39

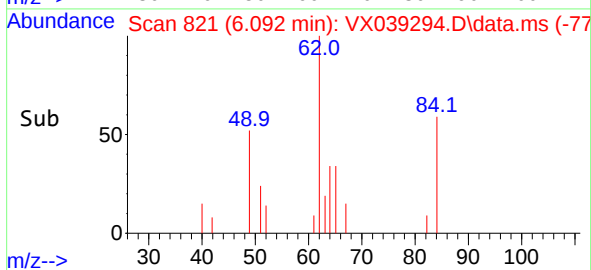
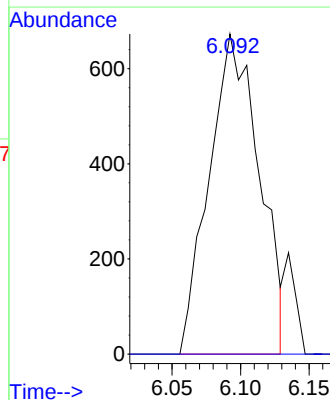
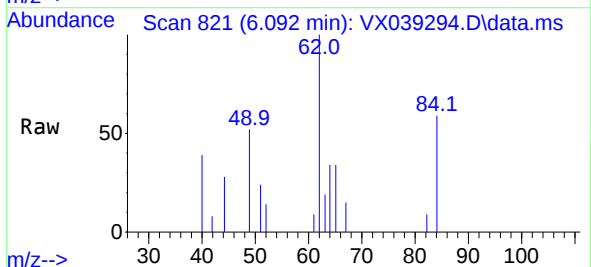
Instrument :
MSVOA_X
ClientSampleId :

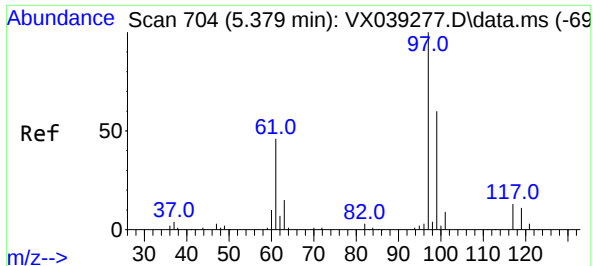
Tgt Ion: 43 Resp: 76962
Ion Ratio Lower Upper
43 100
72 24.7 12.6 37.6



#27
1,2-Dichloroethane
Concen: 0.744 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX039294.D
Acq: 16 Dec 2023 16:39

Tgt Ion: 62 Resp: 1713
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#





#30

1,1,1-Trichloroethane

Concen: 2.346 ug/L

RT: 5.385 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX039294.D

Acq: 16 Dec 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

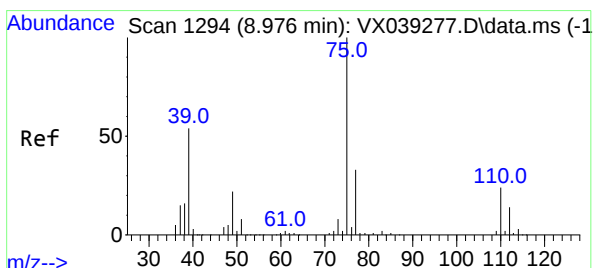
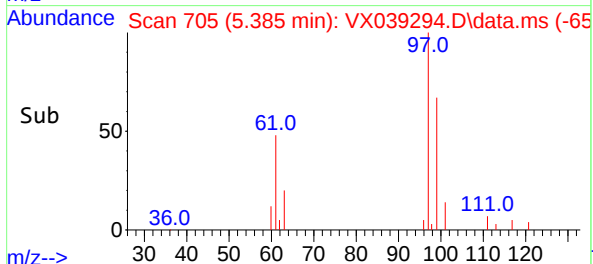
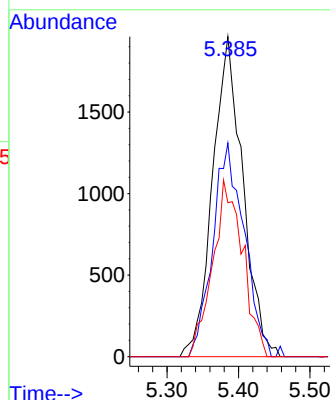
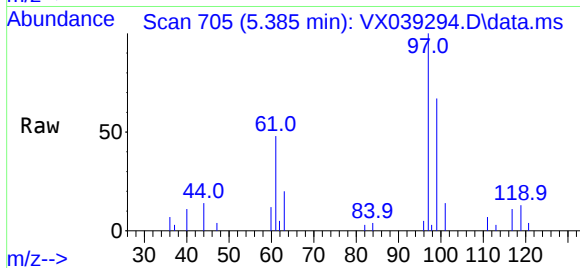
Tgt Ion: 97 Resp: 5761

Ion Ratio Lower Upper

97 100

99 69.4 51.0 76.4

61 54.8 36.7 55.1



#44

trans-1,3-Dichloropropene

Concen: 0.775 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.018 min

Lab File: VX039294.D

Acq: 16 Dec 2023 16:39

Tgt Ion: 75 Resp: 2047

Ion Ratio Lower Upper

75 100

77 41.6 22.0 40.8#

