

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122723\
 Data File : VX039489.D
 Acq On : 27 Dec 2023 12:20
 Operator : JC/MD
 Sample : 05989-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 04:08:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 28 04:06:47 2023
 Response via : Initial Calibration

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

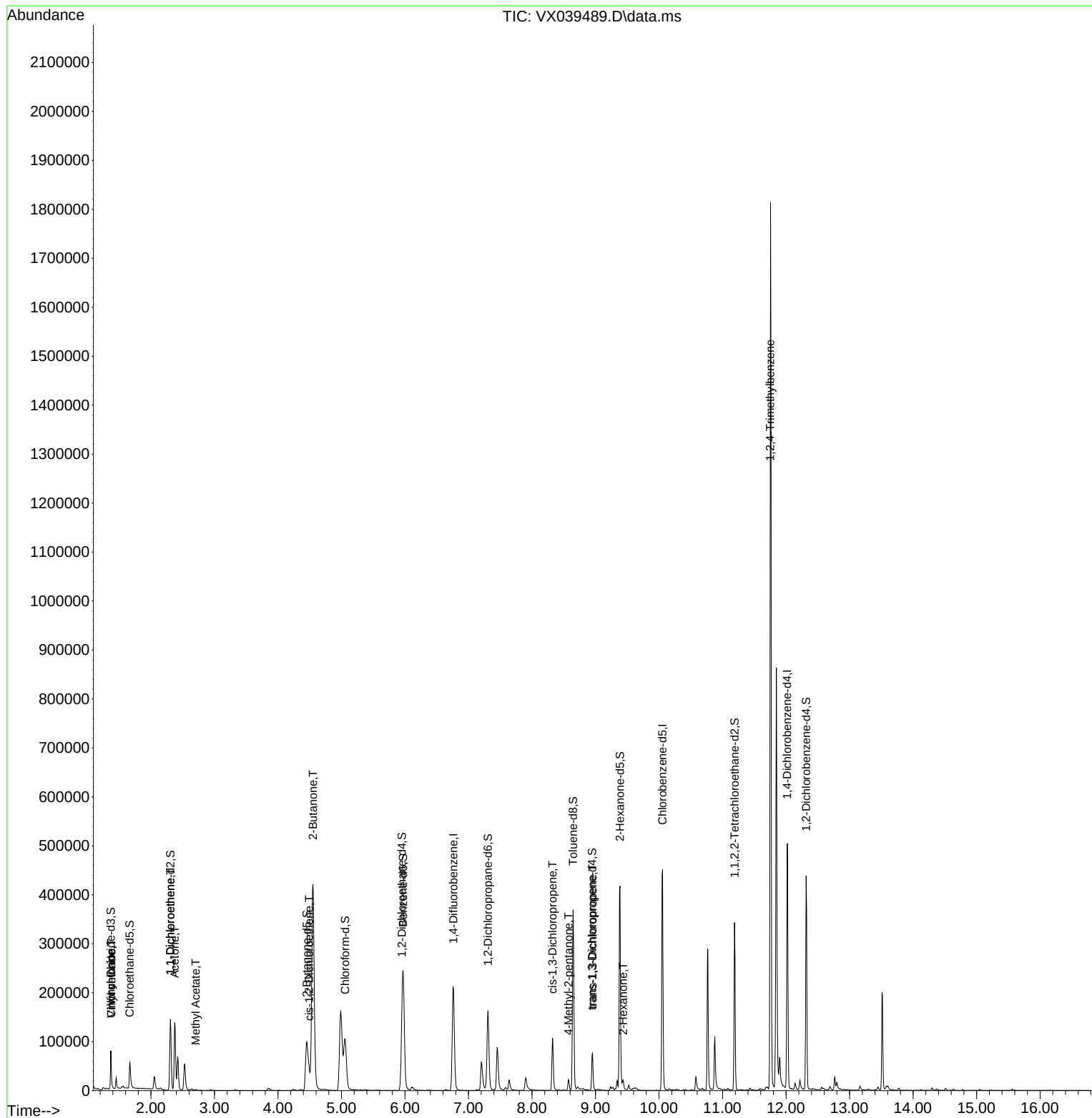
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	203972	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	190776	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	93056	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48747	30.470	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.940%
7) Chloroethane-d5	1.666	69	42051	35.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.120%
11) 1,1-Dichloroethene-d2	2.307	65	25638	36.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.020%
21) 2-Butanone-d5	4.452	46	166277	114.818	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.820%
24) Chloroform-d	5.056	84	121765	42.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.980%
26) 1,2-Dichloroethane-d4	5.952	65	82795	45.141	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.280%
32) Benzene-d6	5.970	84	234712	39.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.720%
36) 1,2-Dichloropropane-d6	7.306	67	79390	41.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.800%
41) Toluene-d8	8.647	98	208631	39.101	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.200%#
43) trans-1,3-Dichloroprop...	8.946	79	34650	35.935	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.880%
47) 2-Hexanone-d5	9.384	63	118733	104.916	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.920%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	124873	46.457	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.920%
66) 1,2-Dichlorobenzene-d4	12.317	152	77120	43.845	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.680%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	1336	0.797	ug/L #	1
8) Chloroethane	1.374	64	1041	1.099	ug/L	97
12) 1,1-Dichloroethene	2.307	96	601	0.457	ug/L #	1
13) Acetone	2.374	43	142520	102.442	ug/L	98
15) Methyl Acetate	2.703	43	1834	0.922	ug/L #	90
20) cis-1,2-Dichloroethene	4.489	96	18405	11.461	ug/L	99
22) 2-Butanone	4.550	43	746121	436.997	ug/L	99
39) cis-1,3-Dichloropropene	8.324	75	2765	1.031	ug/L #	64
40) 4-Methyl-2-pentanone	8.574	43	13191	4.681	ug/L	100
44) trans-1,3-Dichloropropene	8.952	75	1773	0.712	ug/L	97
48) 2-Hexanone	9.433	43	12130	5.143	ug/L	93
63) 1,2,4-Trimethylbenzene	11.750	105	3833	0.681	ug/L #	45

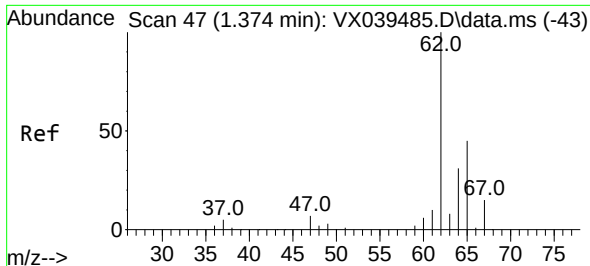
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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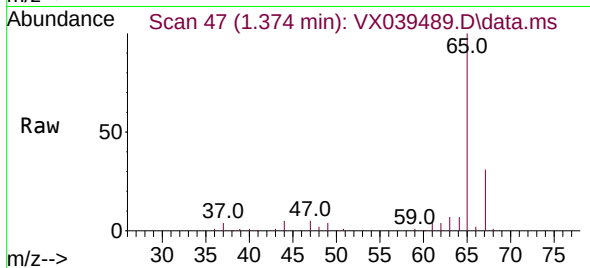
Quant Time: Dec 28 04:08:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 28 04:06:47 2023
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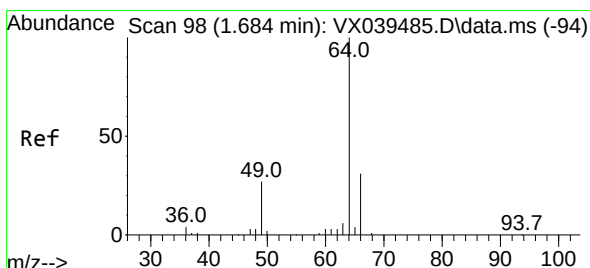
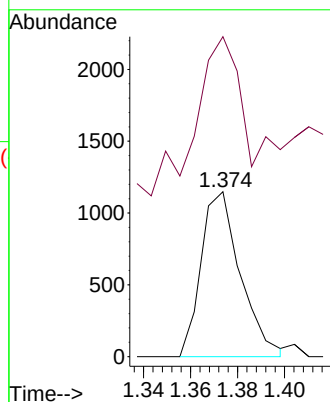
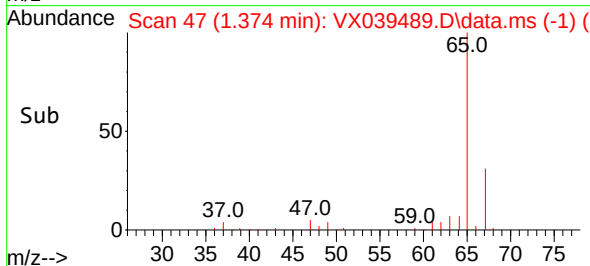


#5
 Vinyl chloride
 Concen: 0.797 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX039489.D
 Acq: 27 Dec 2023 12:20

Instrument :
 MSVOA_X
 ClientSampleId :

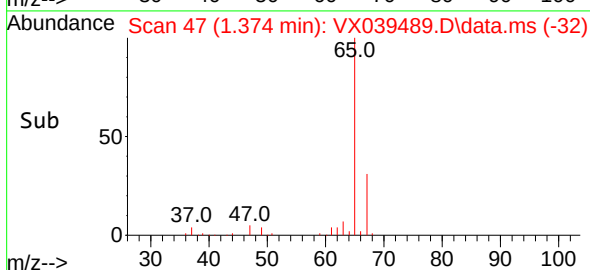
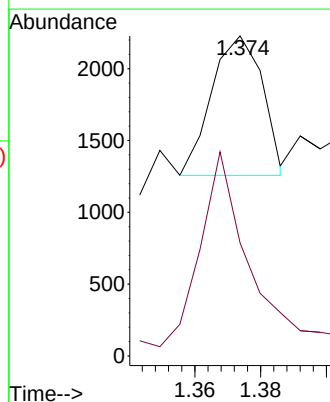
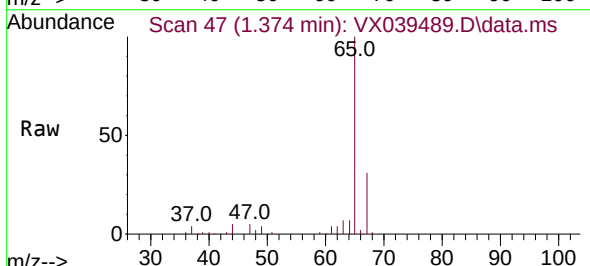


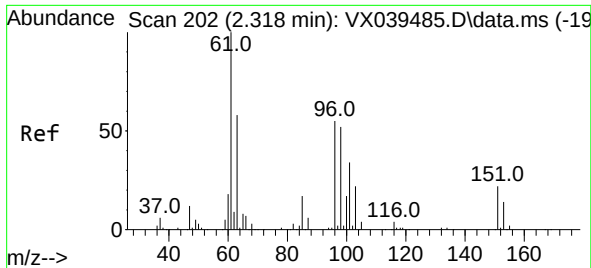
Tgt Ion: 62 Resp: 1336
 Ion Ratio Lower Upper
 62 100
 64 194.1 22.3 41.3#



#8
 Chloroethane
 Concen: 1.099 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.311 min
 Lab File: VX039489.D
 Acq: 27 Dec 2023 12:20

Tgt Ion: 64 Resp: 1041
 Ion Ratio Lower Upper
 64 100
 66 35.3 23.4 43.6





#12

1,1-Dichloroethene

Concen: 0.457 ug/L

RT: 2.307 min Scan# 202

Delta R.T. -0.012 min

Lab File: VX039489.D

Acq: 27 Dec 2023 12:20

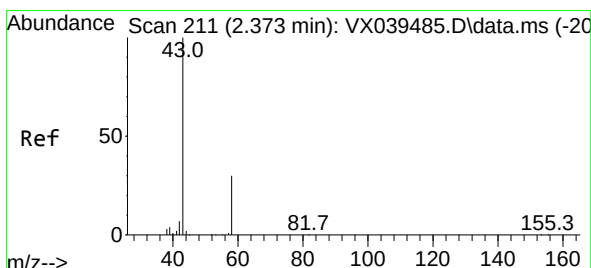
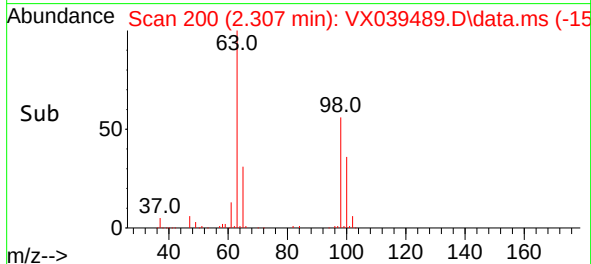
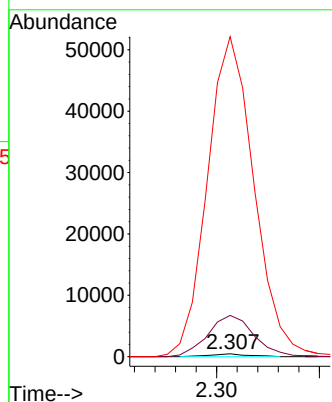
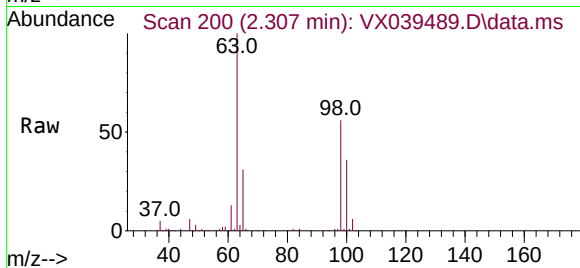
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 601

Ion	Ratio	Lower	Upper
96	100		
61	1426.5	128.0	237.6#
63	11070.9	101.5	188.5#



#13

Acetone

Concen: 102.442 ug/L

RT: 2.374 min Scan# 211

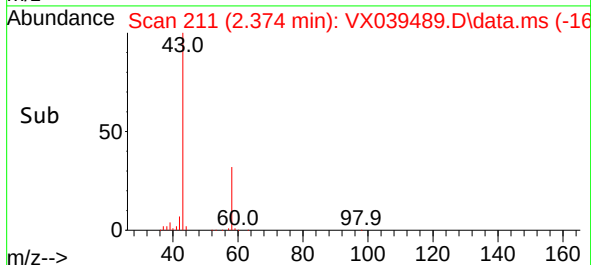
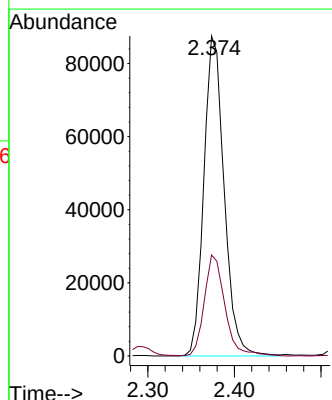
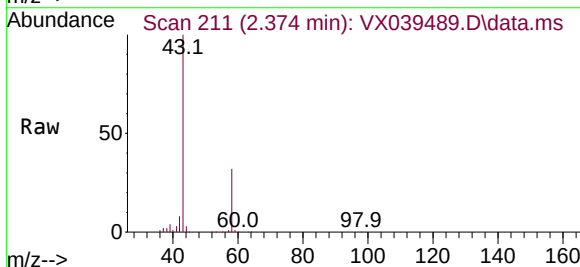
Delta R.T. 0.000 min

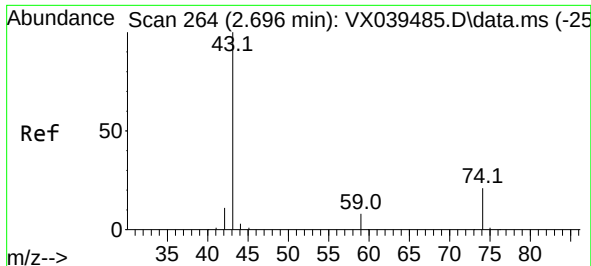
Lab File: VX039489.D

Acq: 27 Dec 2023 12:20

Tgt Ion: 43 Resp: 142520

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	65.8

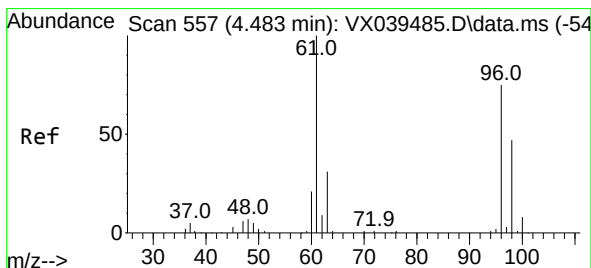
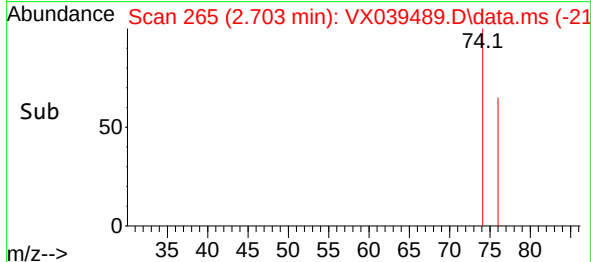
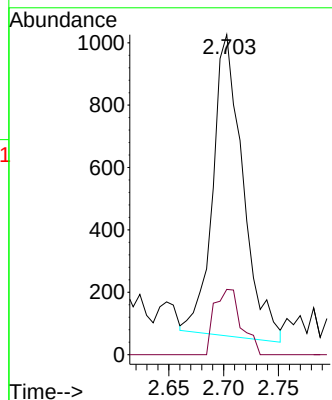
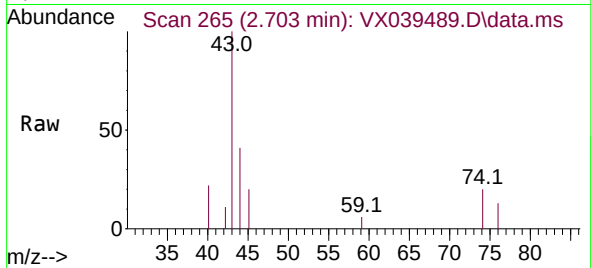




#15
Methyl Acetate
Concen: 0.922 ug/L
RT: 2.703 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039489.D
Acq: 27 Dec 2023 12:20

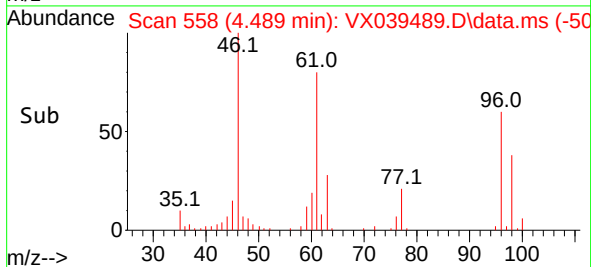
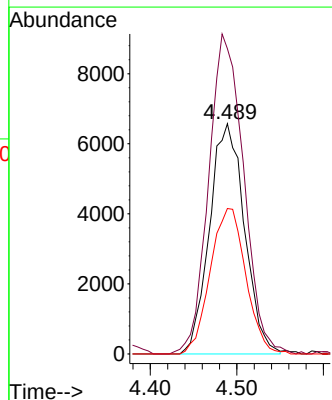
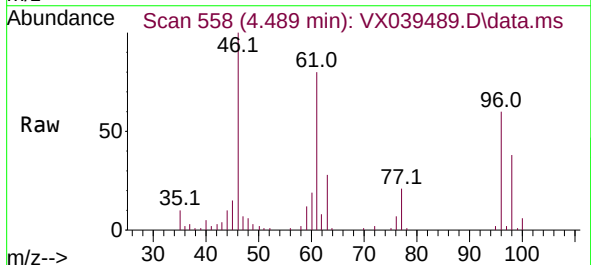
Instrument :
MSVOA_X
ClientSampleId :

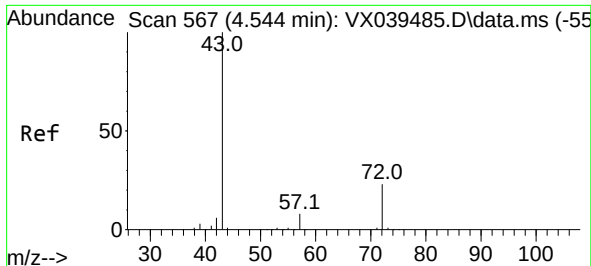
Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
74 18.1 18.2 27.4#



#20
cis-1,2-Dichloroethene
Concen: 11.461 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX039489.D
Acq: 27 Dec 2023 12:20

Tgt Ion: 96 Resp: 18405
Ion Ratio Lower Upper
96 100
61 132.6 91.7 170.3
98 63.2 44.2 82.2

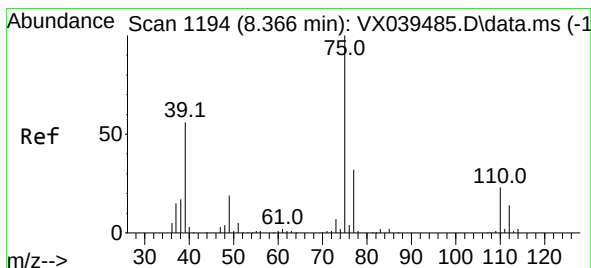
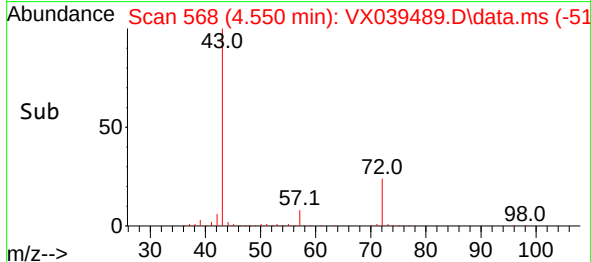
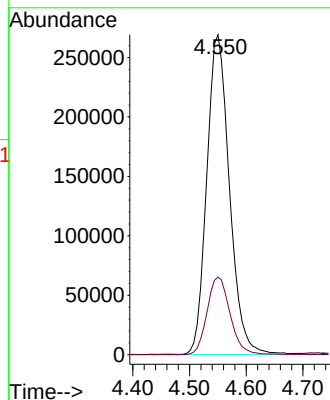
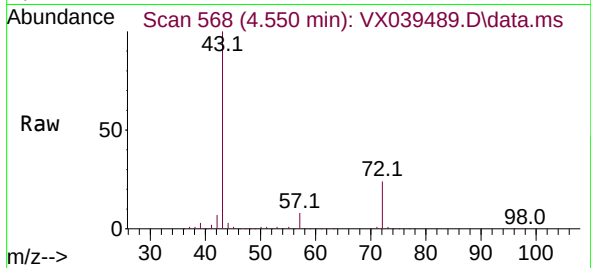




#22
2-Butanone
Concen: 436.997 ug/L
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX039489.D
Acq: 27 Dec 2023 12:20

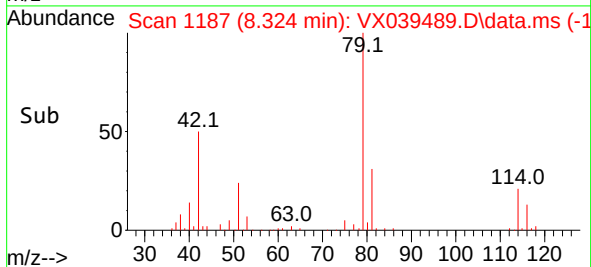
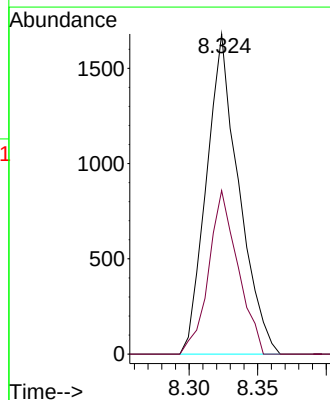
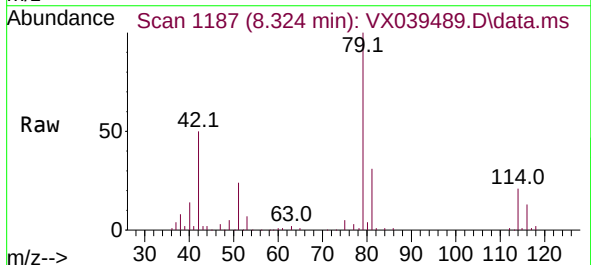
Instrument :
MSVOA_X
ClientSampleId :

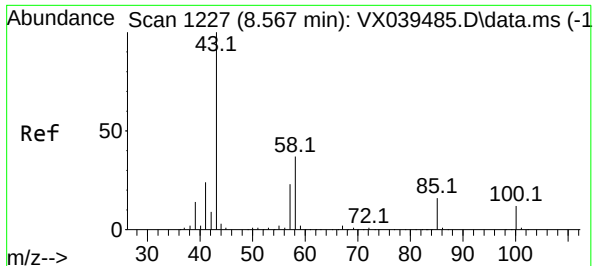
Tgt Ion: 43 Resp: 746121
Ion Ratio Lower Upper
43 100
72 24.7 12.6 37.6



#39
cis-1,3-Dichloropropene
Concen: 1.031 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.042 min
Lab File: VX039489.D
Acq: 27 Dec 2023 12:20

Tgt Ion: 75 Resp: 2765
Ion Ratio Lower Upper
75 100
77 51.0 22.0 40.8#





#40

4-Methyl-2-pentanone

Concen: 4.681 ug/L

RT: 8.574 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039489.D

Acq: 27 Dec 2023 12:20

Instrument :

MSVOA_X

ClientSampleId :

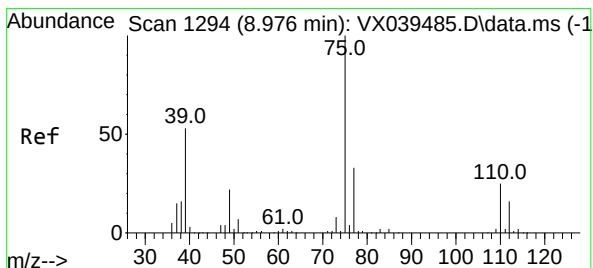
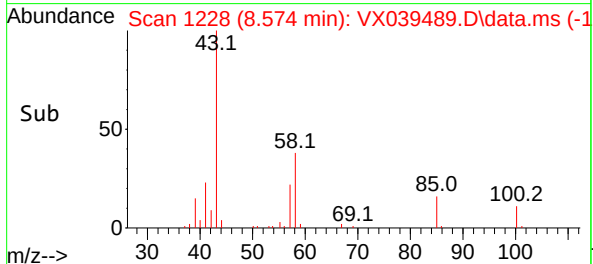
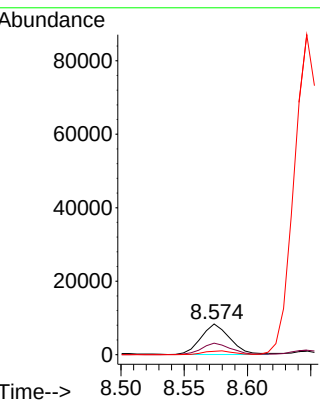
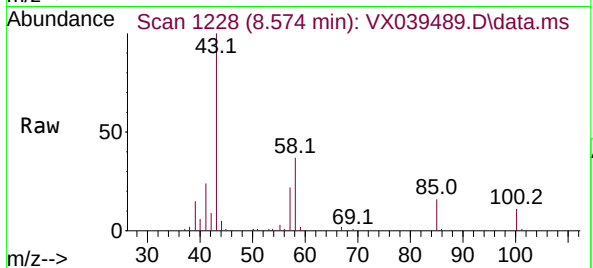
Tgt Ion: 43 Resp: 13191

Ion Ratio Lower Upper

43 100

58 38.4 30.9 46.3

100 12.9 10.6 16.0



#44

trans-1,3-Dichloropropene

Concen: 0.712 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX039489.D

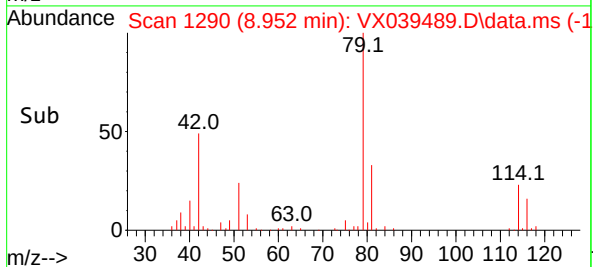
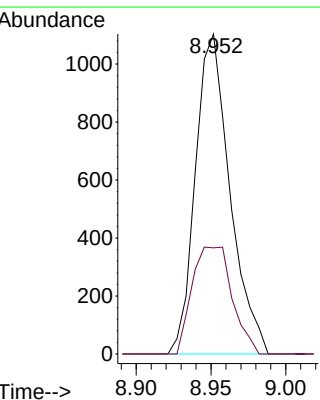
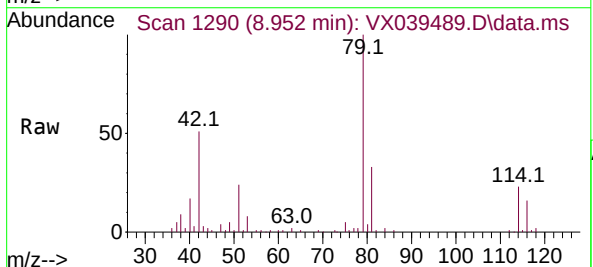
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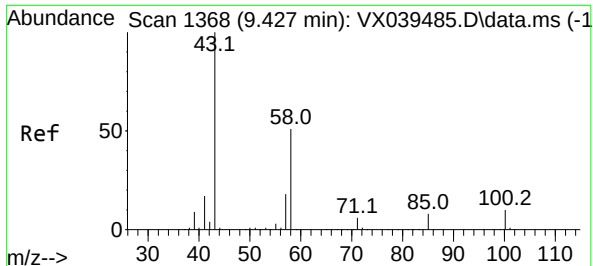
Tgt Ion: 75 Resp: 1773

Ion Ratio Lower Upper

75 100

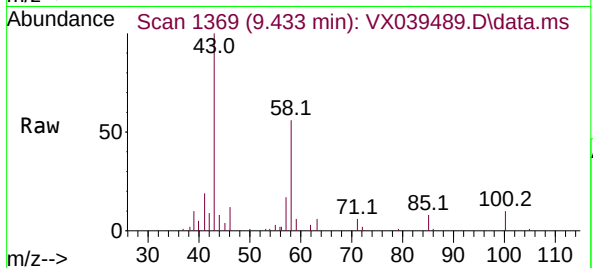
77 33.2 22.0 40.8



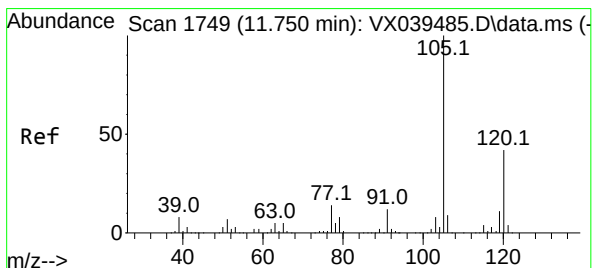
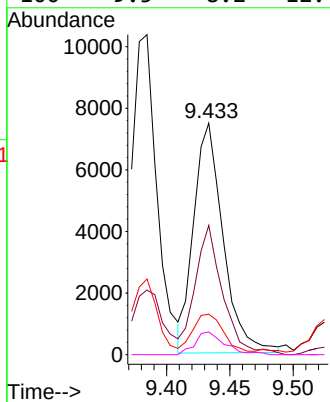
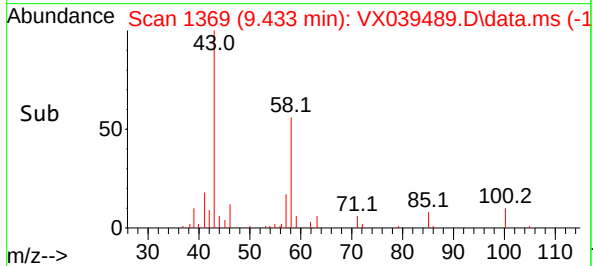


#48
2-Hexanone
Concen: 5.143 ug/L
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039489.D
Acq: 27 Dec 2023 12:20

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 12130
Ion Ratio Lower Upper
43 100
58 47.4 43.0 64.6
57 19.3 14.6 21.8
100 9.5 8.2 12.4



#63
1,2,4-Trimethylbenzene
Concen: 0.681 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039489.D
Acq: 27 Dec 2023 12:20

Tgt Ion: 105 Resp: 3833
Ion Ratio Lower Upper
105 100
120 8.1 34.9 52.3#

