

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077152.D
 Acq On : 19 Sep 2023 17:55
 Operator : JC/SY
 Sample : 04479-05
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1029

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Title : SW846 8260

Signal : TIC: VD077152.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	14	26	42	rBV	741920	1353958	66.84%	12.901%
2	2.417	134	141	156	rBV	510819	850412	41.98%	8.103%
3	2.664	175	183	189	rBV2	22682	44464	2.20%	0.424%
4	4.022	405	414	424	rBV2	62572	172618	8.52%	1.645%
5	4.799	535	546	561	rBV2	51443	161369	7.97%	1.538%
6	5.834	710	722	734	rVB4	31610	98915	4.88%	0.942%
7	7.075	923	933	944	rVB2	36300	111051	5.48%	1.058%
8	7.804	1048	1057	1063	rBV2	135221	326017	16.10%	3.106%
9	7.875	1063	1069	1079	rVB2	125967	289316	14.28%	2.757%
10	8.040	1087	1097	1110	rBV	195378	443853	21.91%	4.229%
11	8.228	1115	1129	1141	rVB3	96384	256869	12.68%	2.447%
12	8.781	1213	1223	1234	rBV	1012738	2025535	100.00%	19.300%
13	9.022	1256	1264	1282	rVB	281080	553706	27.34%	5.276%
14	10.157	1451	1457	1466	rVB3	11199	21185	1.05%	0.202%
15	10.269	1469	1476	1483	rBV	518576	922386	45.54%	8.789%
16	10.334	1483	1487	1492	rVB2	11970	20899	1.03%	0.199%
17	10.663	1536	1543	1552	rVB2	22798	40640	2.01%	0.387%
18	11.028	1599	1605	1613	rVB	53156	86745	4.28%	0.827%
19	11.581	1690	1699	1709	rBV	533238	897545	44.31%	8.552%
20	11.787	1727	1734	1739	rBV	19545	36993	1.83%	0.352%
21	12.128	1783	1792	1798	rBV6	19120	48920	2.42%	0.466%
22	12.575	1861	1868	1876	rBV	388723	640834	31.64%	6.106%
23	12.898	1919	1923	1933	rVB7	15030	33718	1.66%	0.321%
24	13.210	1971	1976	1984	rBV3	19511	35012	1.73%	0.334%
25	13.516	2021	2028	2039	rBV	476999	786878	38.85%	7.497%
26	13.616	2039	2045	2052	rVV	33496	53712	2.65%	0.512%
27	13.981	2102	2107	2114	rBV5	12658	25321	1.25%	0.241%
28	14.057	2114	2120	2124	rVB5	10968	20817	1.03%	0.198%
29	14.757	2234	2239	2247	rVB7	15743	36208	1.79%	0.345%
30	15.186	2307	2312	2320	rVB2	64414	99319	4.90%	0.946%

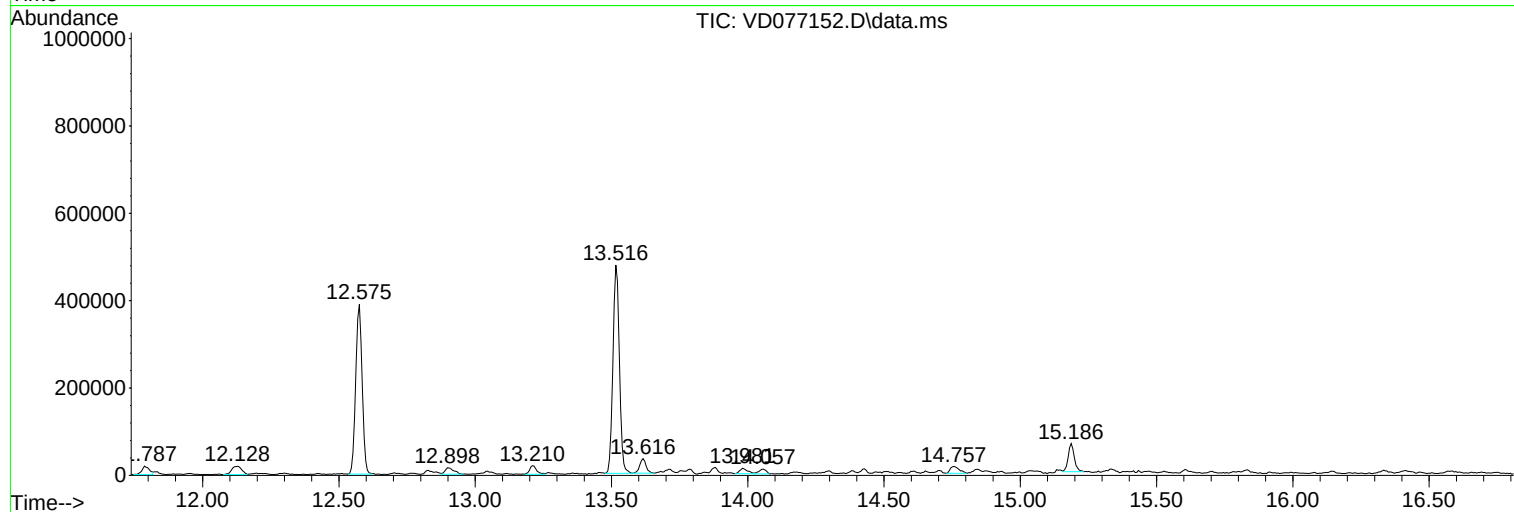
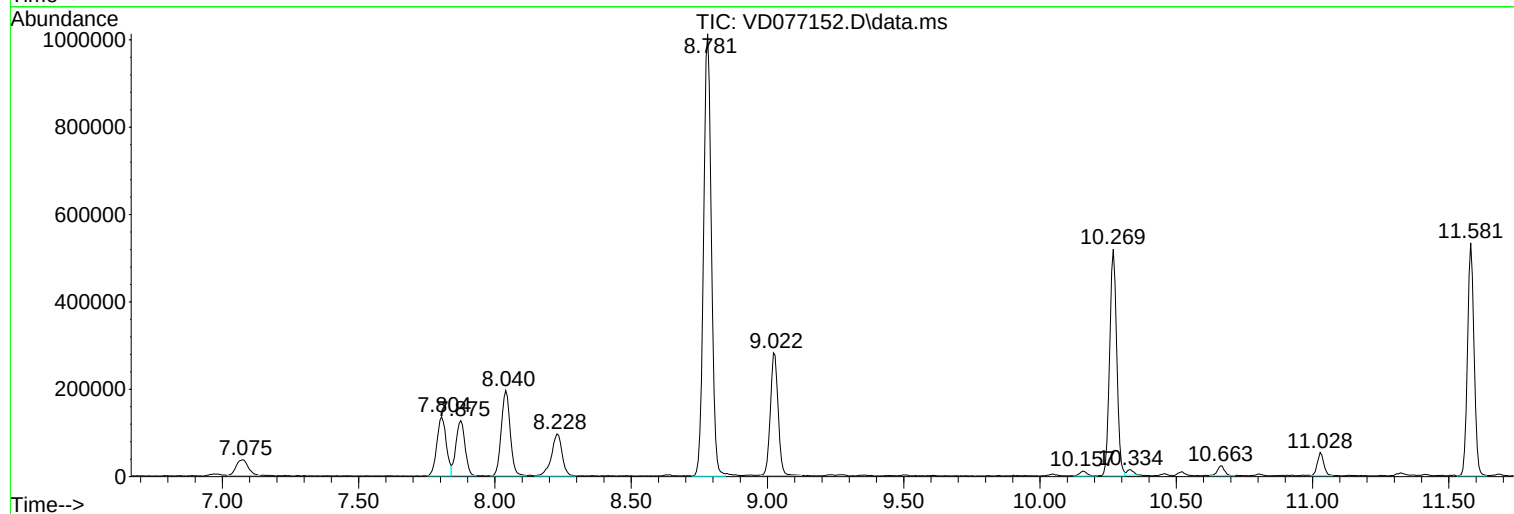
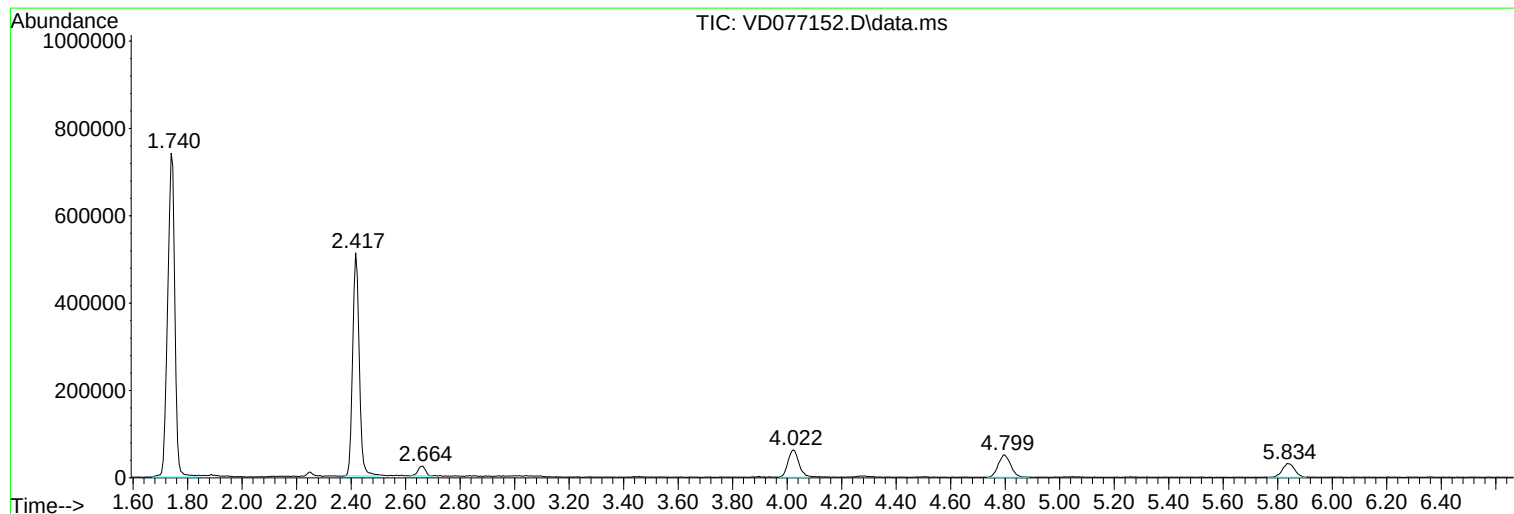
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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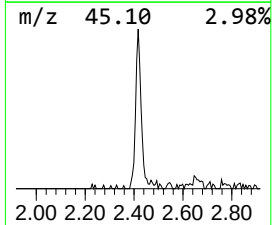
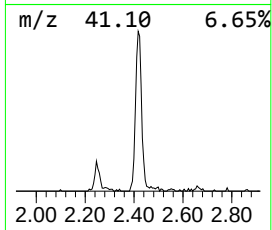
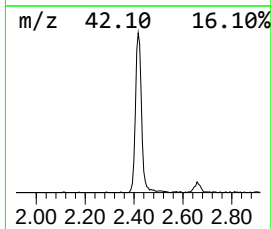
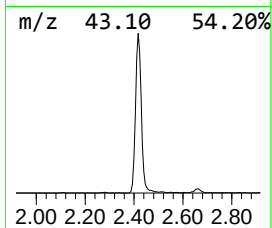
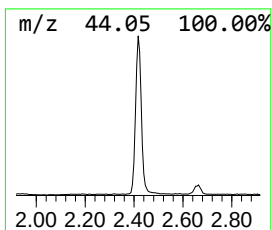
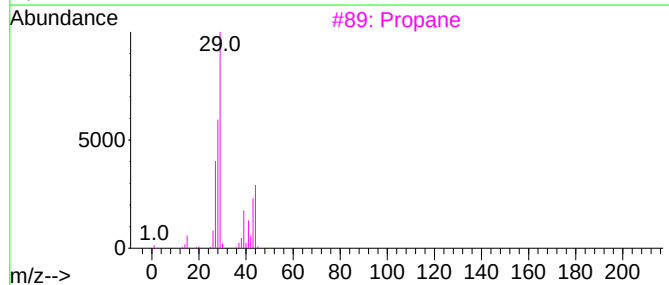
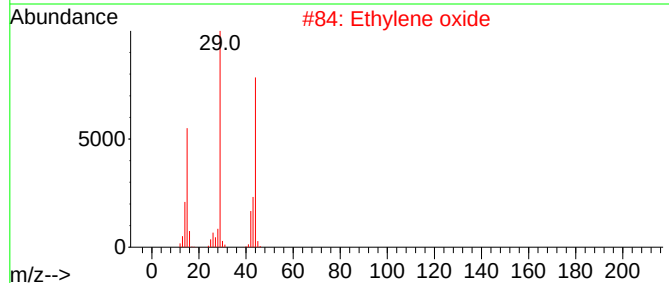
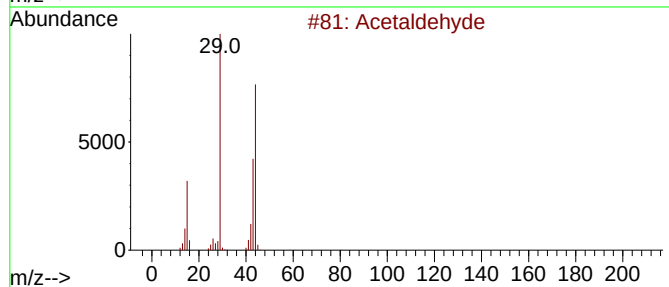
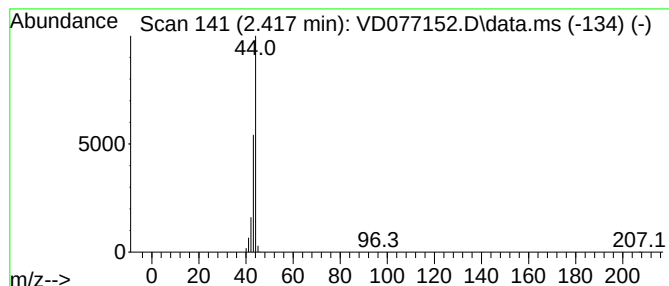
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.417	146.97 ug/l	850412	Pentafluorobenzene	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Ethylene oxide	44	C2H4O	000075-21-8	5
3			Propane	44	C3H8	000074-98-6	4
4			(R)-(-)-2-Amino-1-propanol	75	C3H9NO	035320-23-1	4
5			1-Propanol, 2-amino-, (S)-	75	C3H9NO	002749-11-3	4



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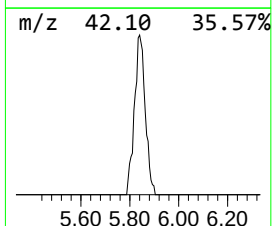
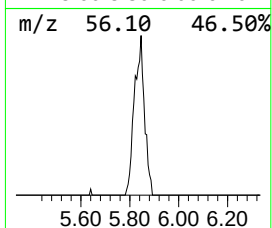
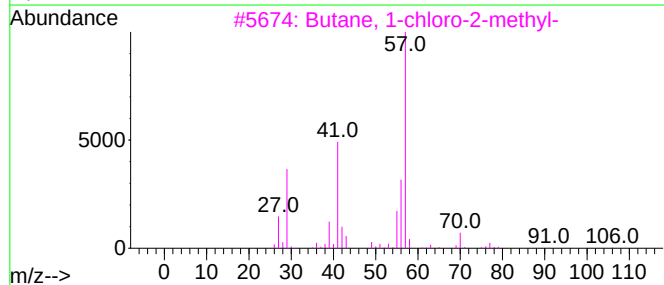
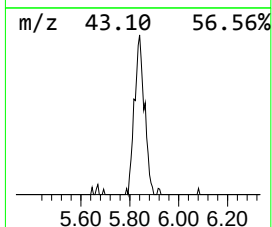
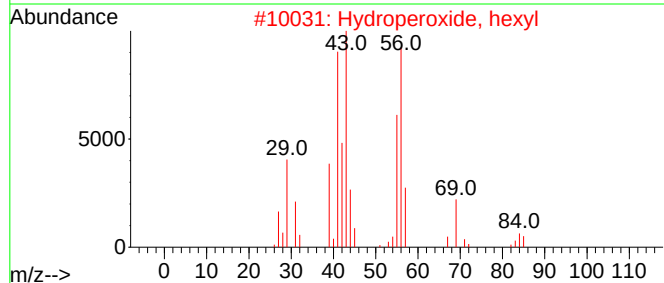
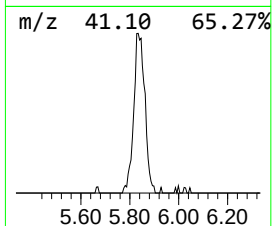
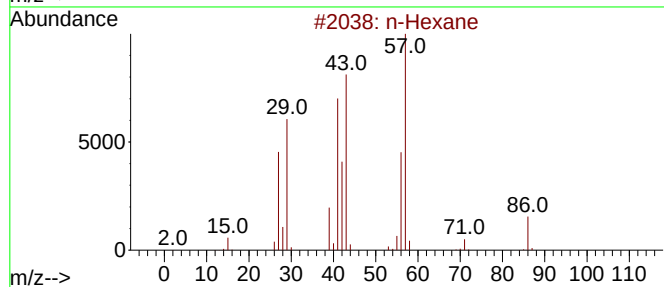
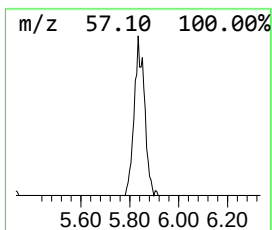
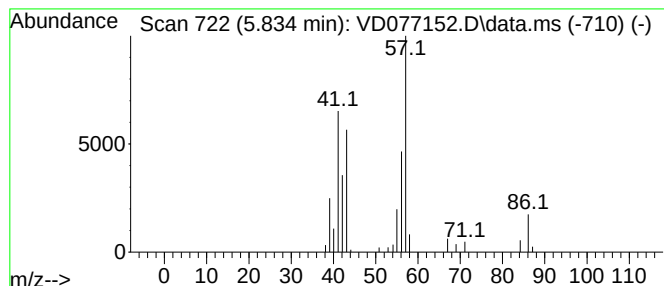
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.834	17.09 ug/l	98915	Pentafluorobenzene	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	80
2			Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	38
3			Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	33
4			3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	32
5			Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	27



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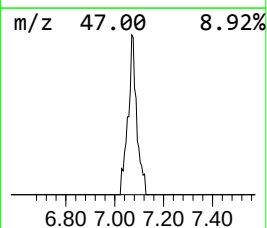
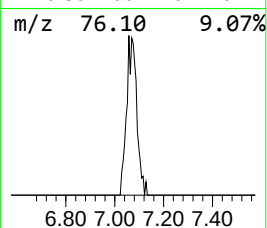
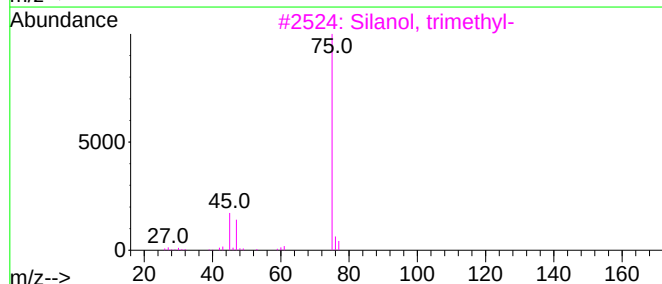
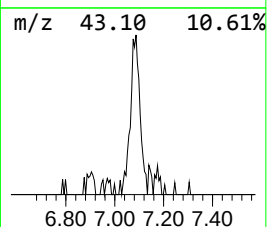
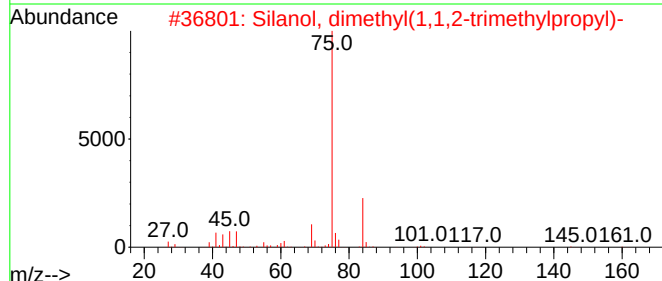
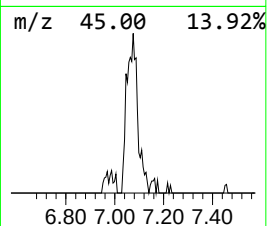
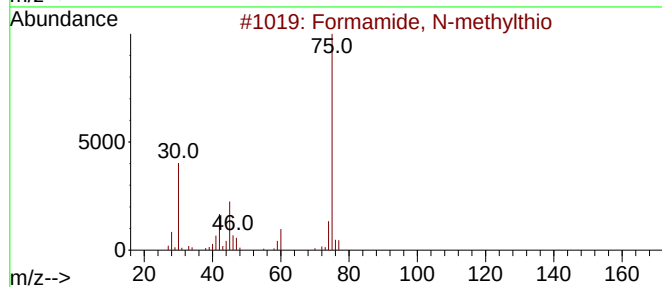
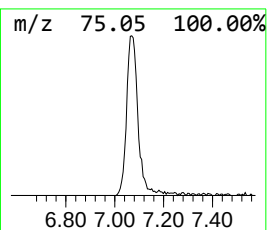
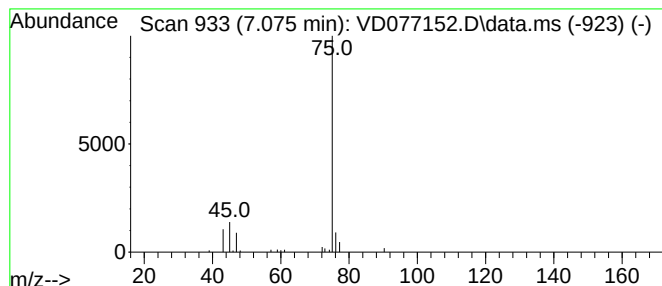
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Formamide, N-methylthio Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.075	19.19 ug/l	111051	Pentafluorobenzene	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Formamide, N-methylthio	75	C2H5NS	018952-41-5	78
2			Silanol, dimethyl(1,1,2-trimethylpropyl)-	160	C8H20OSi	055644-10-5	78
3			Silanol, trimethyl-	90	C3H10OSi	001066-40-6	78
4			Ethanethioamide	75	C2H5NS	000062-55-5	9
5			Silanol, ethyldimethyl-	104	C4H12OSi	005906-73-0	9



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Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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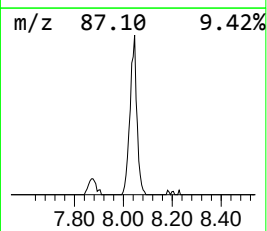
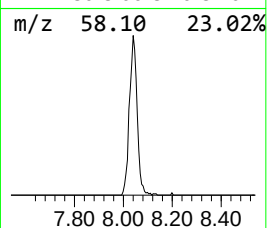
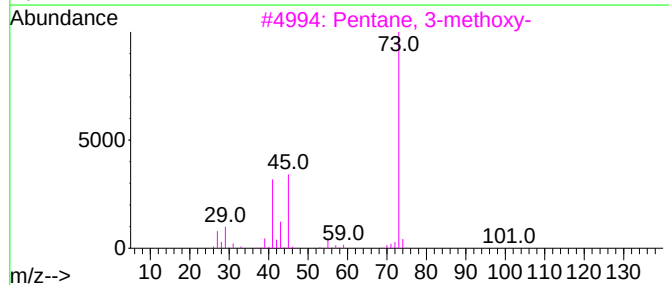
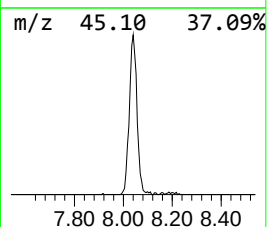
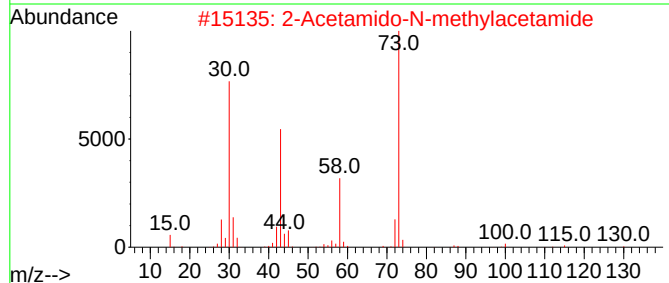
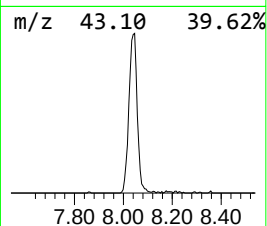
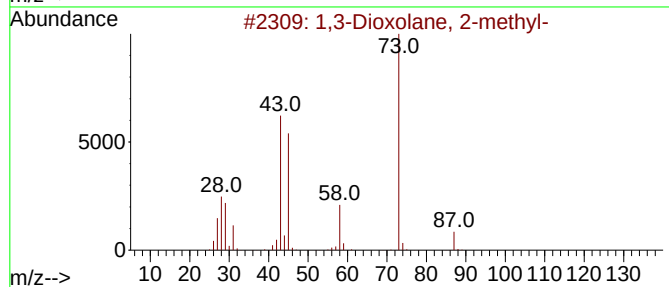
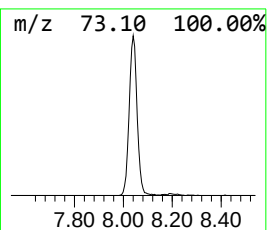
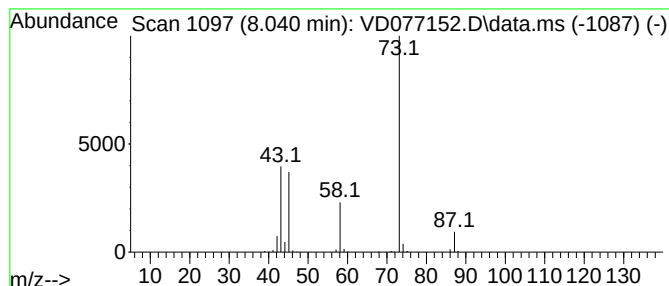
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,3-Dioxolane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.040	76.71 ug/l	443853	Pentafluorobenzene	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	83
2			2-Acetamido-N-methylacetamide	130	C5H10N2O2	007606-79-3	25
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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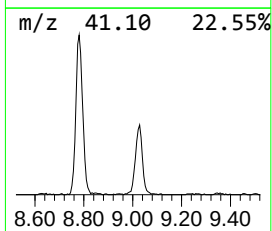
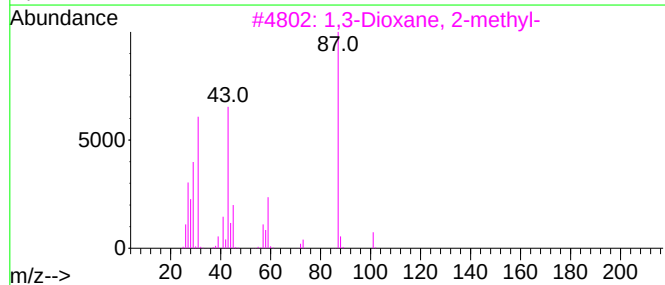
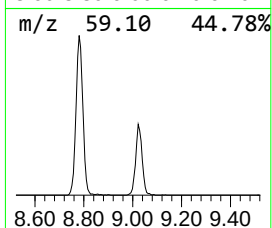
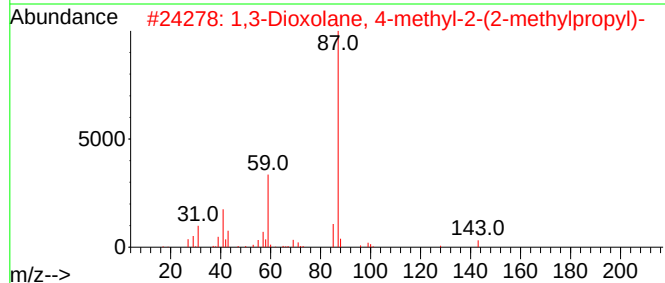
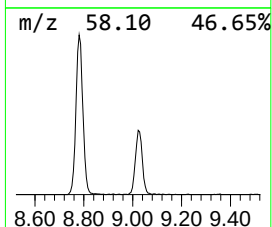
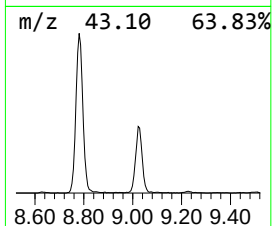
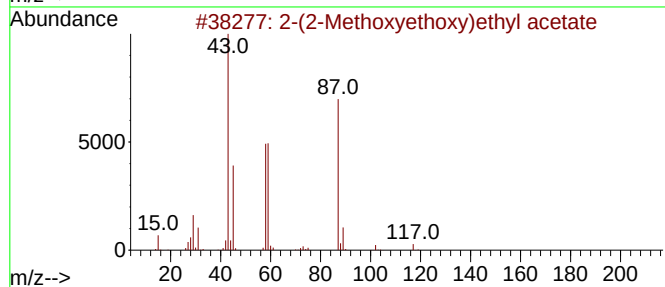
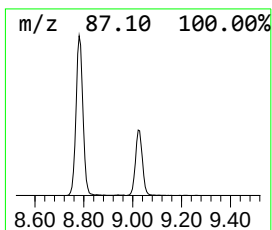
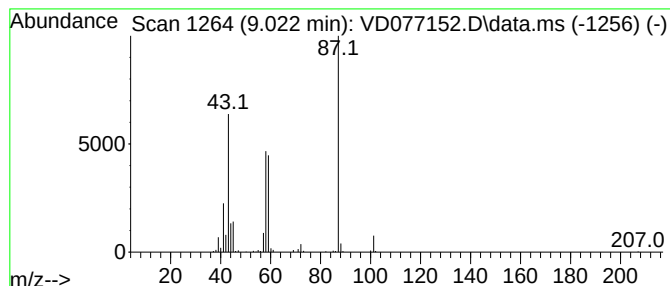
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2-(2-Methoxyethoxy)ethyl ac... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.022	13.67 ug/l	553706	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Methoxyethoxy)ethyl acetate	162	C7H14O4	1000351-95-4	56		
2	1,3-Dioxolane, 4-methyl-2-(2-met...	144	C8H16O2	018433-93-7	50		
3	1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	49		
4	Hydrazine, 1,1-diethyl-2-(1-meth...	144	C8H20N2	067398-40-7	42		
5	1,3-Dioxolane, 4-methyl-2-propyl-	130	C7H14O2	004352-99-2	40		



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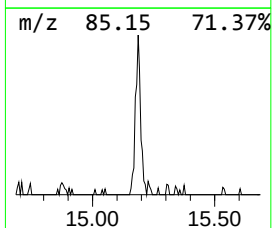
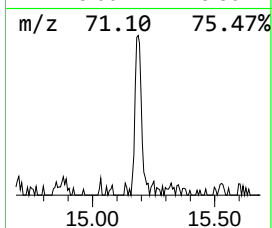
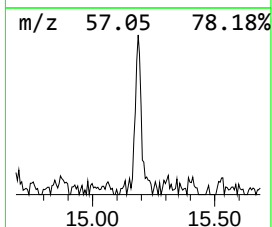
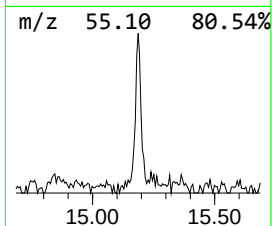
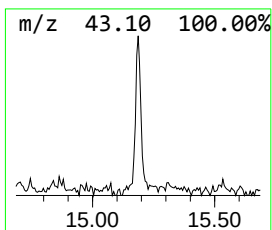
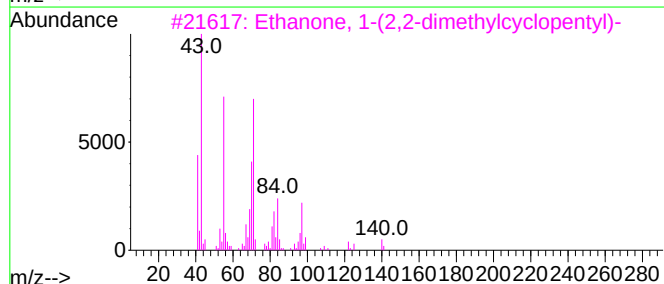
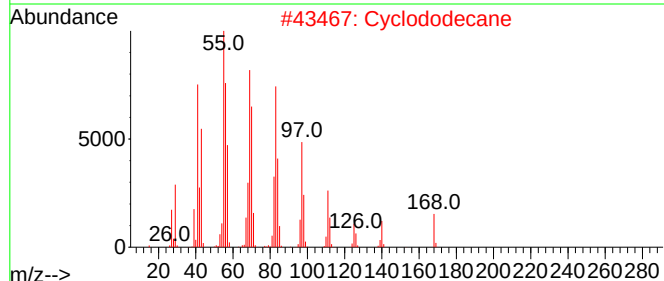
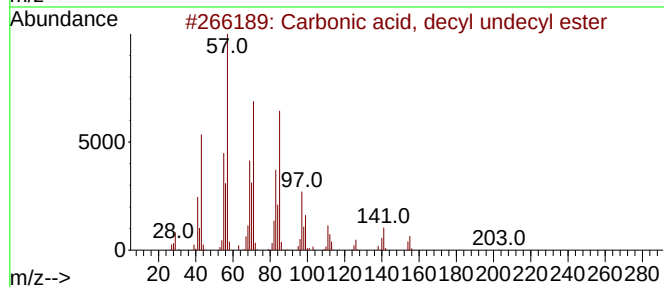
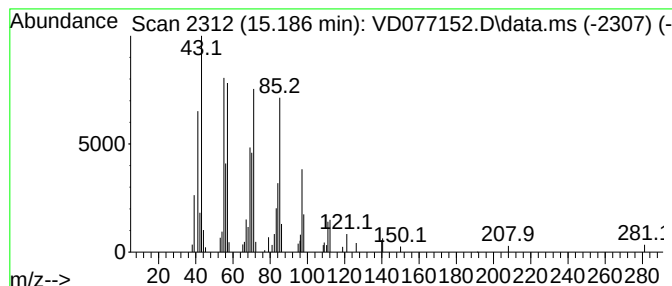
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Carbonic acid, decyl undecyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	6.31 ug/l	99319	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	90
2			Cyclododecane	168	C12H24	000294-62-2	49
3			Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	49
4			Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	49
5			Cyclooctane, methyl-	126	C9H18	001502-38-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
Data File : VD077152.D
Acq On : 19 Sep 2023 17:55
Operator : JC/SY
Sample : 04479-05
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1029

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.417	147.0	ug/l	850412	1	7.875	289316	50.0
n-Hexane	5.834	17.1	ug/l	98915	1	7.875	289316	50.0
Formamide, N-me...	7.075	19.2	ug/l	111051	1	7.875	289316	50.0
1,3-Dioxolane, ...	8.040	76.7	ug/l	443853	1	7.875	289316	50.0
2-(2-Methoxyeth...	9.022	13.7	ug/l	553706	2	8.775	2025540	50.0
Carbonic acid, ...	15.186	6.3	ug/l	99319	4	13.516	786878	50.0