LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092023\
Data File : VD077169.D
Acq On : 20 Sep 2023 16:15
Operator : JC/SY
Sample : 04479-05
Misc : 5.09G/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: VD077169.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	12	26	40	rBV	1124840	1995271	84.33%	14.118%
2	2.417	131	141	152	rBV	377652	637637	26.95%	4.512%
3	4.022	405	414	424	rBV2	60667	167406	7.08%	1.185%
4	4.799	534	546	556	rBV2	29229	87452	3.70%	0.619%
5	5.840	711	723	734	rBV5	11556	35712	1.51%	0.253%
6	7.069	920	932	946	rBV	61680	188564	7.97%	1.334%
7	7.805	1044	1057	1063	rBV2	206261	511440	21.62%	3.619%
8	7.875	1063	1069	1083	rVB	277385	637607	26.95%	4.511%
9	8.040	1088	1097	1110	rVV	193113	427505	18.07%	3.025%
10	8.228	1115	1129	1143	rVB2	157072	441519	18.66%	3.124%
11	8.781	1213	1223	1238	rBV2	1168583	2365917	100.00%	16.740%
12	9.022	1256	1264	1274	rBV	250741	503125	21.27%	3.560%
13	10.269	1467	1476	1484	rBV	900046	1577845	66.69%	11.164%
14	10.663	1534	1543	1551	rVB2	25228	48958	2.07%	0.346%
15	11.028	1599	1605	1612	rBV	65493	109684	4.64%	0.776%
16	11.581	1691	1699	1712	rVB	939530	1577083	66.66%	11.159%
17	11.793	1727	1735	1738	rBV5	12034	25176	1.06%	0.178%
18	12.122	1783	1791	1799	rBV7	18157	46587	1.97%	0.330%
19	12.575	1860	1868	1878	rBV	728590	1157876	48.94%	8.193%
20	12.898	1919	1923	1933	rVB5	16804	35278	1.49%	0.250%
21	13.216	1970	1977	1983	rBV3	17538	32001	1.35%	0.226%
22	13.516	2021	2028	2040	rBV	853625	1404799	59.38%	9.940%
23	13.616	2040	2045	2052	rVB2	28539	44509	1.88%	0.315%
24	14.757	2235	2239	2248	rVB5	14224	29834	1.26%	0.211%
25	15.187	2307	2312	2317	rBV3	31872	44156	1.87%	0.312%

Sum of corrected areas: 14132941

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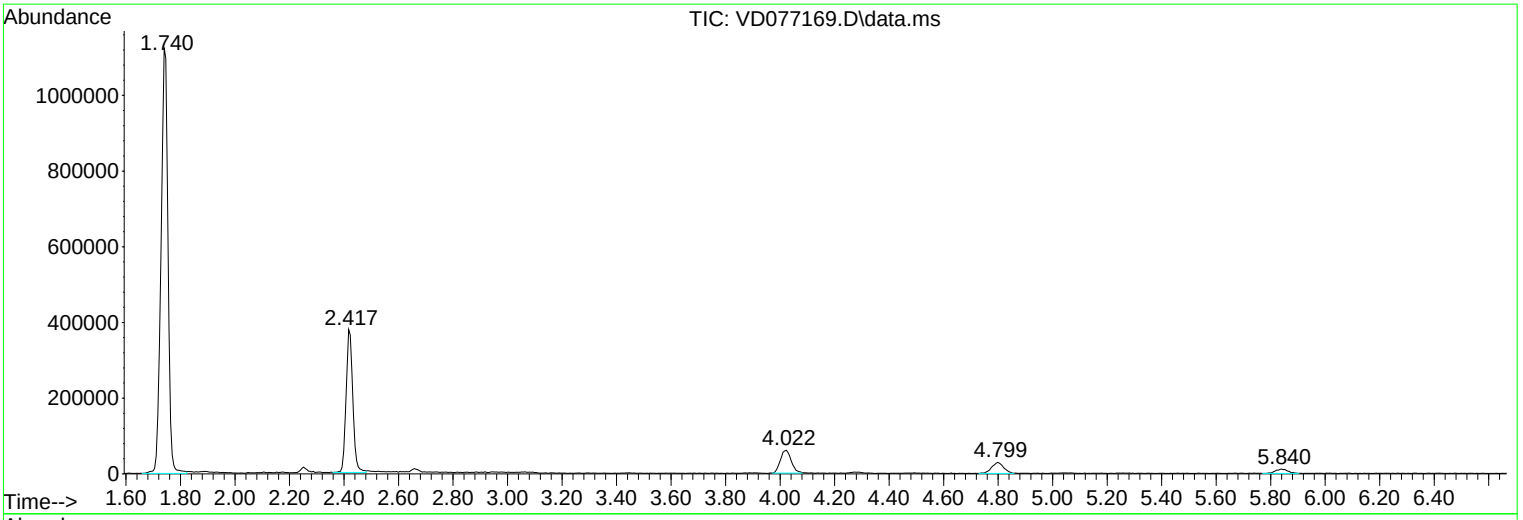
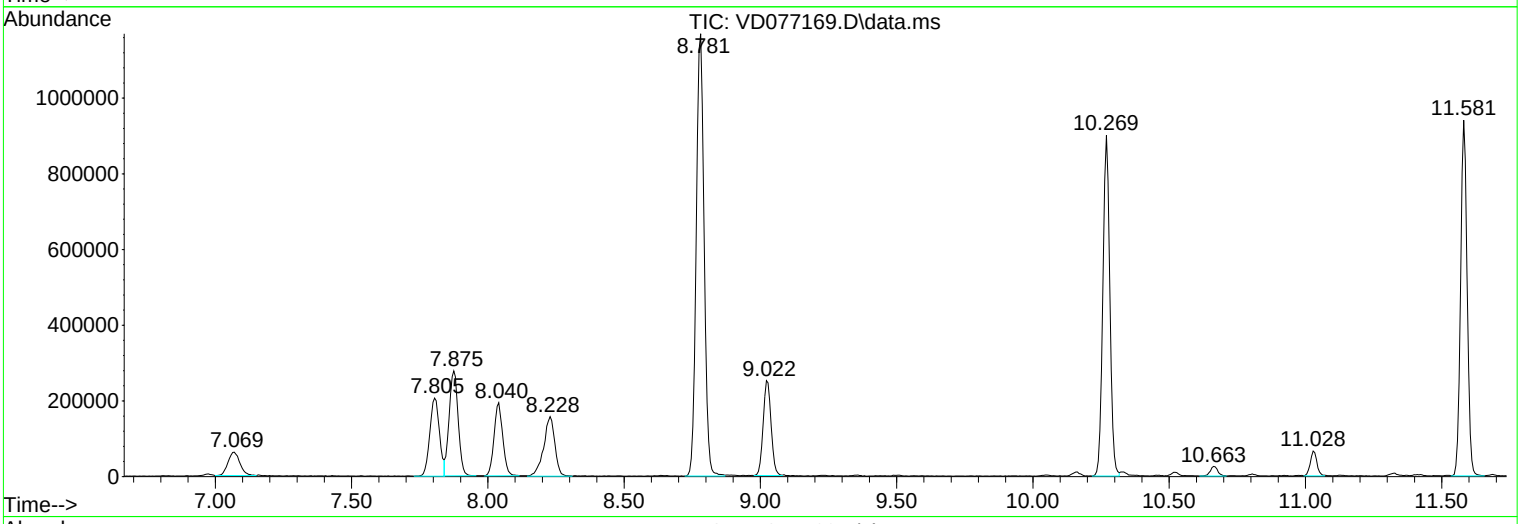
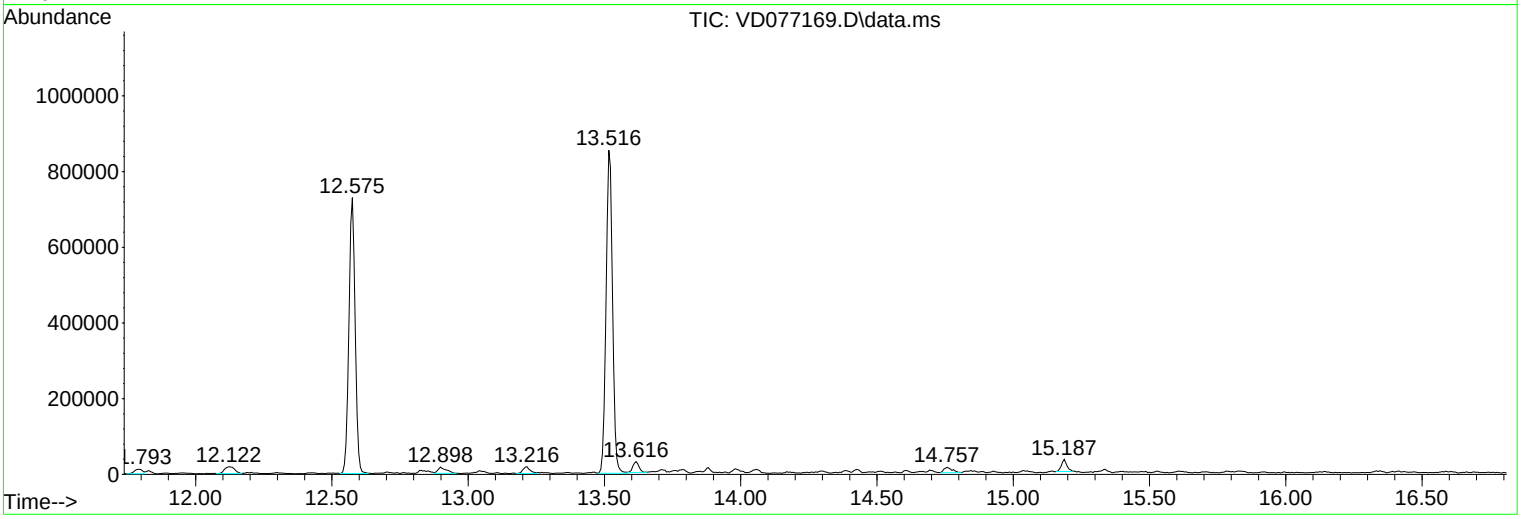
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

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







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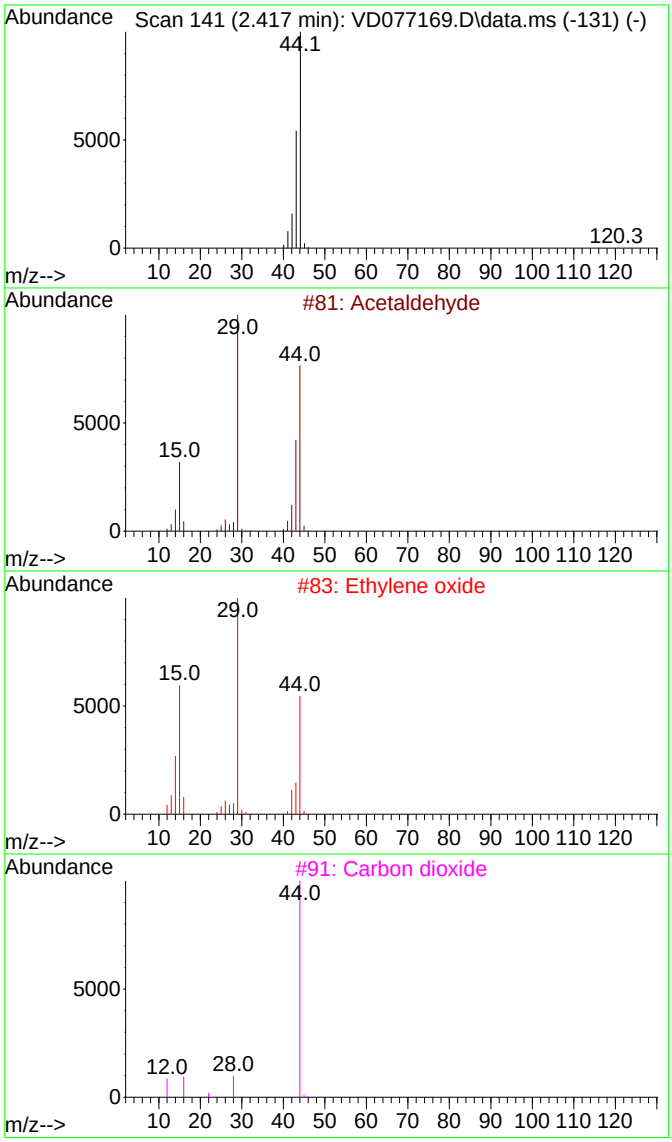
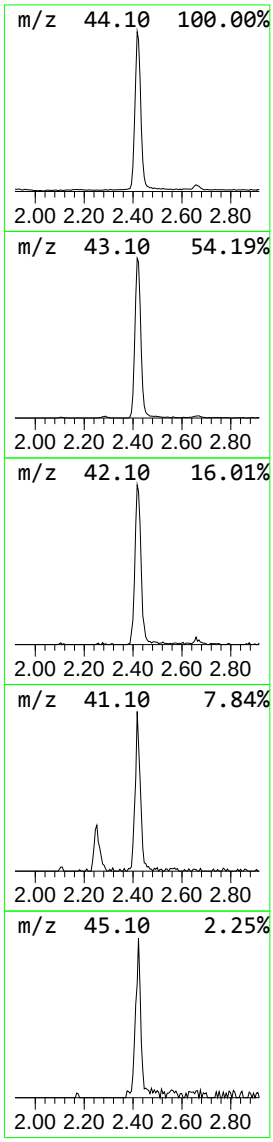
****
Peak Number 2 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.417	50.00 ug/l	637637	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	Carbon dioxide	44	CO2	000124-38-9	4
4	Propane	44	C3H8	000074-98-6	4
5	Alanine	89	C3H7NO2	000056-41-7	4





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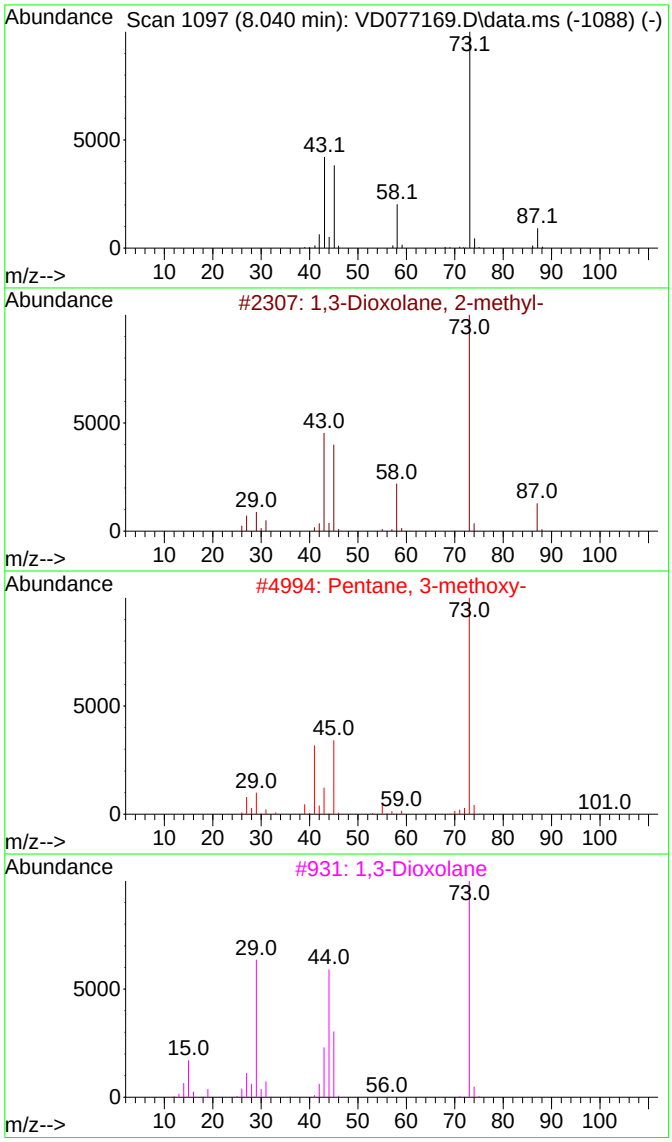
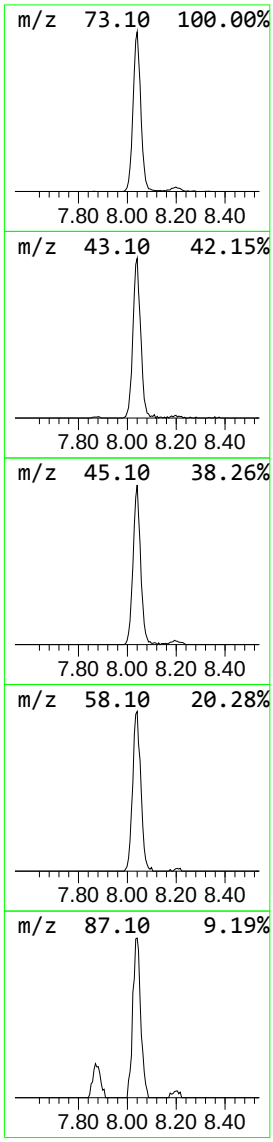
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,3-Dioxolane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.040	33.52 ug/l	427505	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	91
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	38
3	1,3-Dioxolane	74	C3H6O2	000646-06-0	38
4	2-(3-Bromopropyl)-[1,3]dioxolane	194	C6H11BrO2	062563-07-9	28
5	2-Acetamido-N-methylacetamide	130	C5H10N2O2	007606-79-3	17





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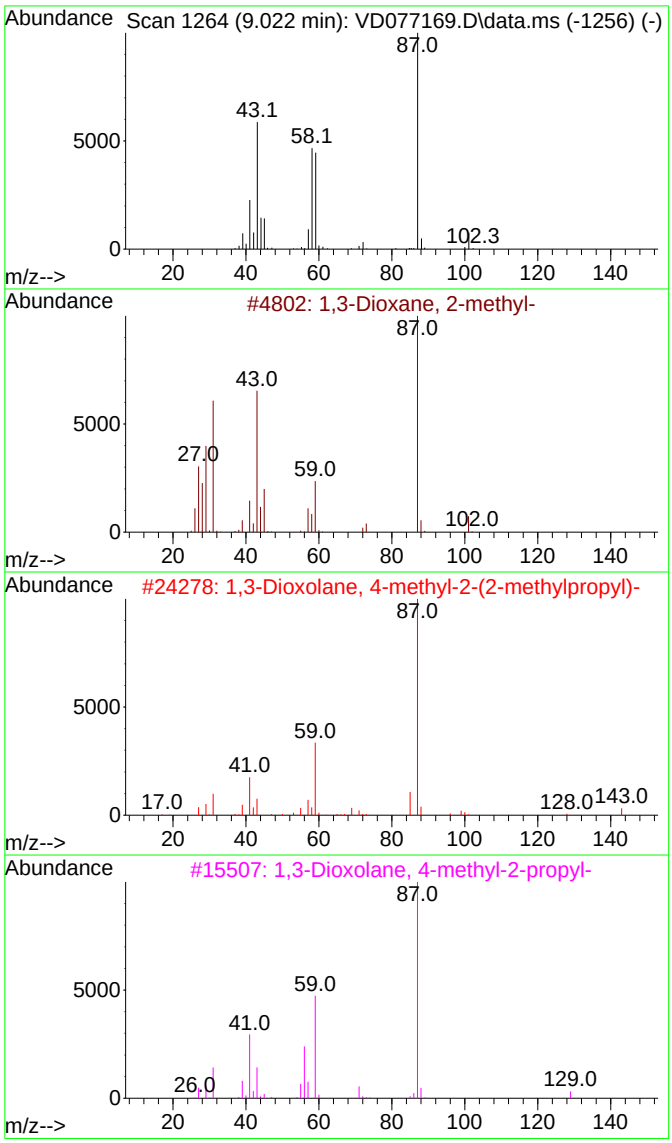
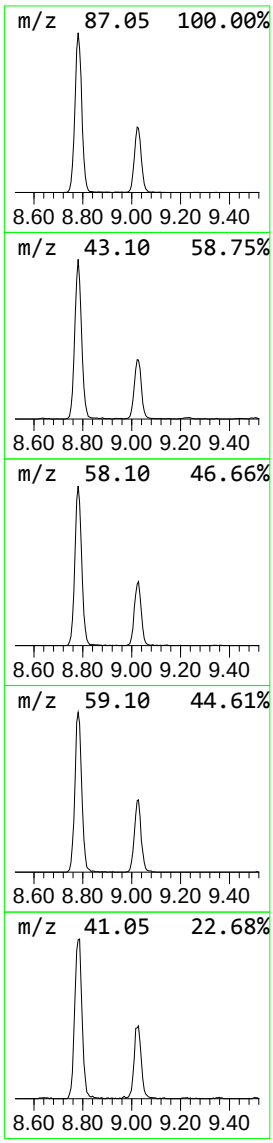
****
Peak Number 6 1,3-Dioxane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.022	10.63 ug/l	503125	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	52
2	1,3-Dioxolane, 4-methyl-2-(2-met...	144	C8H16O2	018433-93-7	50
3	1,3-Dioxolane, 4-methyl-2-propyl-	130	C7H14O2	004352-99-2	40
4	Oxazolidin-2-one	87	C3H5NO2	000497-25-6	40
5	1,3-Dioxolane, 2-butyl-4-methyl-	144	C8H16O2	074094-60-3	36





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetaldehyde	2.417	50.0	ug/l	637637	1	7.875	637607	50.0
1,3-Dioxolane, ...	8.040	33.5	ug/l	427505	1	7.875	637607	50.0
1,3-Dioxane, 2-...	9.022	10.6	ug/l	503125	2	8.775	2365920	50.0