

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013255.D
 Acq On : 11 Apr 2023 20:07
 Operator : KP/MD
 Sample : 02232-01
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230203-3-1

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_Y\methods\82Y041123S.M
 Title : SW846 8260

Signal : TIC: VY013255.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	20	rVB2	42304	62719	17.02%	2.373%
2	2.070	36	41	45	rBV2	4564	5967	1.62%	0.226%
3	2.247	61	70	81	rVB	21747	37016	10.05%	1.401%
4	2.899	169	177	194	rVB	31171	70471	19.13%	2.667%
5	3.247	226	234	249	rVB2	21227	51821	14.07%	1.961%
6	3.442	249	266	275	rBV5	3293	14852	4.03%	0.562%
7	3.692	301	307	317	rVB3	2756	7512	2.04%	0.284%
8	3.954	338	350	363	rBV	8670	31405	8.52%	1.188%
9	4.192	380	389	407	rVB	17428	47344	12.85%	1.791%
10	4.765	461	483	498	rBV4	11072	56088	15.22%	2.122%
11	5.228	549	559	573	rVB2	5203	18524	5.03%	0.701%
12	5.747	632	644	656	rBV3	8991	28009	7.60%	1.060%
13	6.685	789	798	806	rBV4	1348	4571	1.24%	0.173%
14	6.795	806	816	826	rVB3	5613	16183	4.39%	0.612%
15	6.990	838	848	853	rBV4	2018	6013	1.63%	0.228%
16	7.716	956	967	972	rBV	52236	128816	34.97%	4.874%
17	7.783	972	978	988	rVV	96074	225489	61.21%	8.532%
18	7.868	988	992	1001	rVB4	2597	5901	1.60%	0.223%
19	7.996	1004	1013	1021	rBV5	6312	14940	4.06%	0.565%
20	8.142	1027	1037	1049	rBV2	63389	155687	42.26%	5.891%
21	8.270	1053	1058	1061	rBV4	1902	3726	1.01%	0.141%
22	8.331	1061	1068	1076	rVB	5554	14729	4.00%	0.557%
23	8.545	1095	1103	1111	rBV2	6854	14090	3.82%	0.533%
24	8.685	1118	1126	1136	rBV	137099	272289	73.91%	10.303%
25	8.898	1155	1161	1175	rBV3	3440	11959	3.25%	0.453%
26	9.179	1194	1207	1213	rBV3	7779	18244	4.95%	0.690%
27	9.746	1293	1300	1307	rVB4	2012	4194	1.14%	0.159%
28	10.179	1364	1371	1377	rBV	216491	368405	100.00%	13.940%
29	10.240	1377	1381	1389	rVB	28171	48472	13.16%	1.834%
30	10.368	1395	1402	1408	rVB4	2392	3923	1.06%	0.148%
31	11.489	1576	1586	1598	rBV	195601	310828	84.37%	11.761%
32	11.697	1614	1620	1624	rBV5	2121	4293	1.17%	0.162%
33	12.209	1694	1704	1705	rBV7	2080	3992	1.08%	0.151%
34	12.233	1705	1708	1713	rVB5	2158	3840	1.04%	0.145%
35	12.483	1741	1749	1756	rBV	143825	229952	62.42%	8.701%
36	12.636	1767	1774	1783	rVB8	2783	7490	2.03%	0.283%

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Integrator: RTE

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Sampling : 1

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Peak separation: 5

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37	12.733	1783	1790	1796	rBV6	1562	4544	1.23%	0.172%
38	12.806	1796	1802	1806	rBV5	3383	7081	1.92%	0.268%
39	13.288	1872	1881	1884	rBV7	3462	6664	1.81%	0.252%
40	13.422	1897	1903	1910	rBV	176756	283123	76.85%	10.713%
41	13.526	1916	1920	1924	rVB2	6690	9272	2.52%	0.351%
42	13.745	1950	1956	1961	rBV7	2643	5687	1.54%	0.215%
43	13.965	1987	1992	2001	rVB	4873	10349	2.81%	0.392%
44	14.416	2057	2066	2072	rVB8	1881	6298	1.71%	0.238%

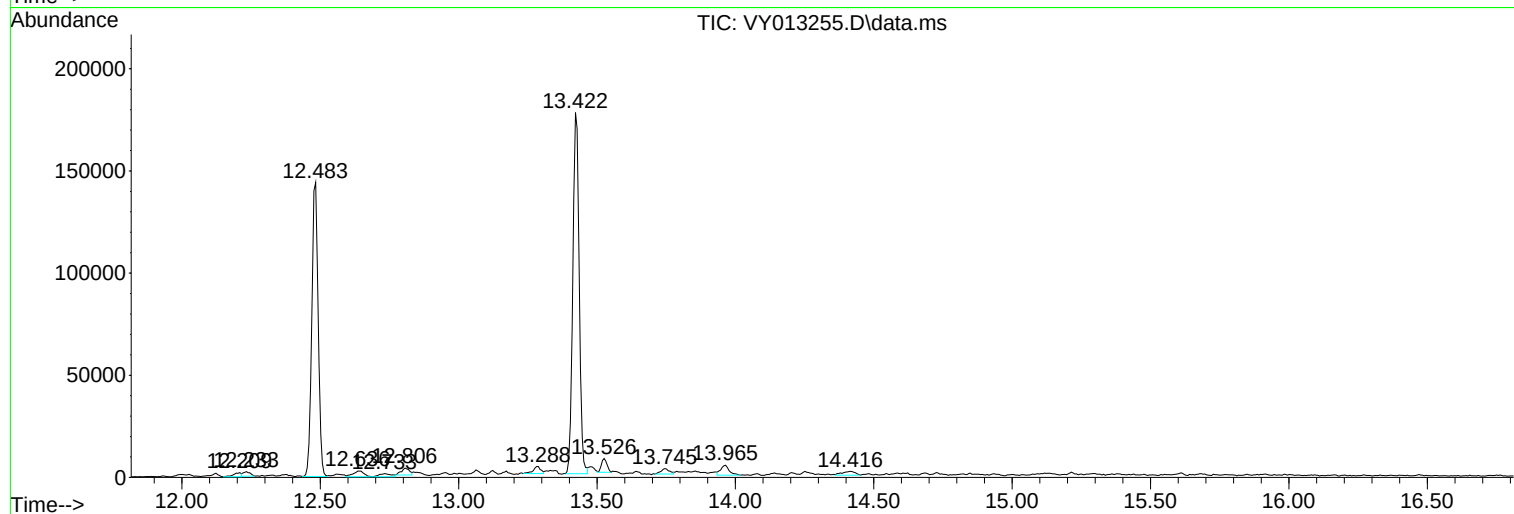
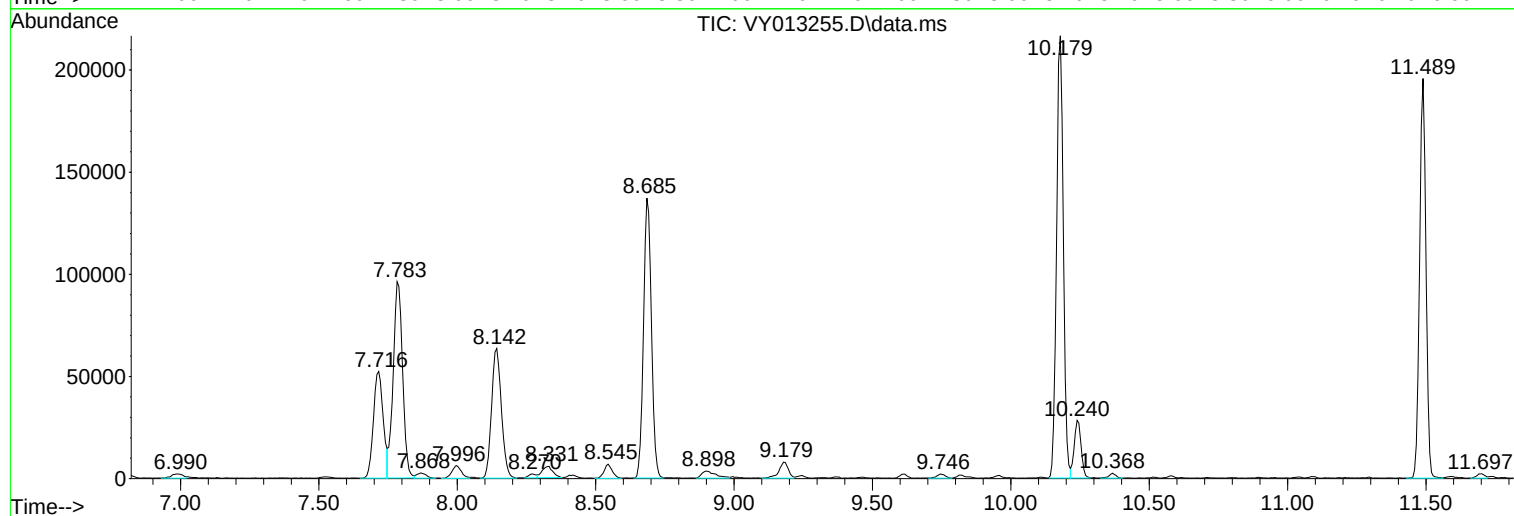
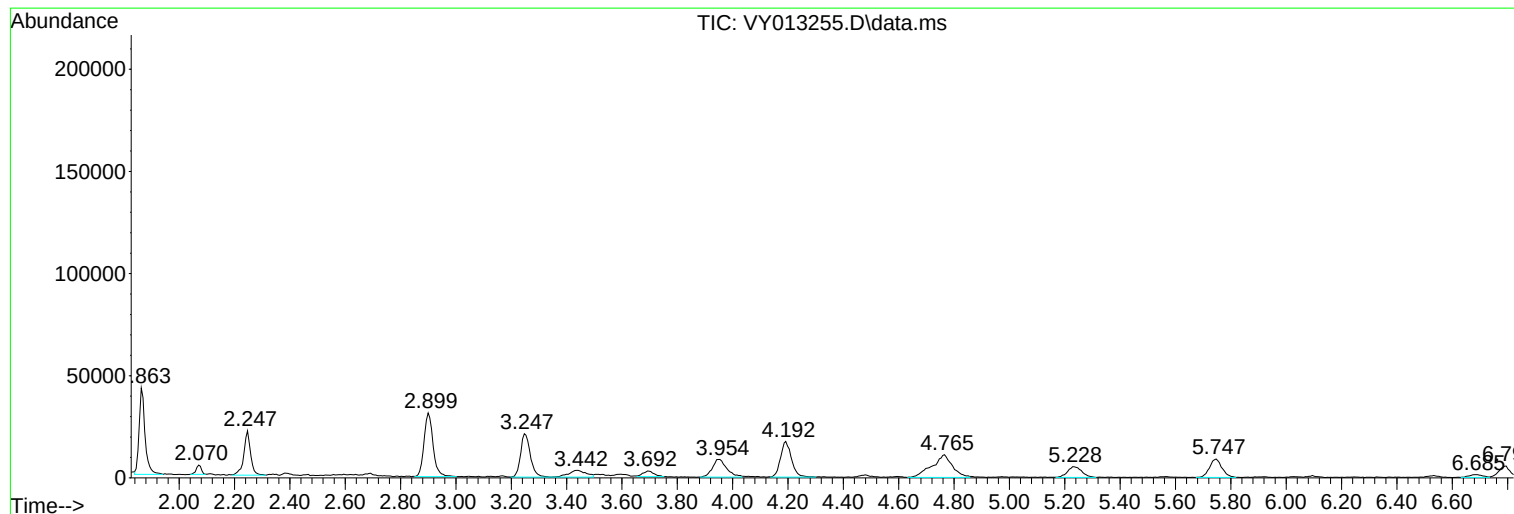
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260

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



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MSVOA_Y
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20230203-3-1

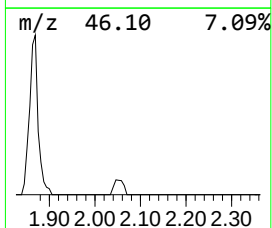
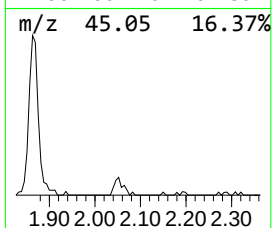
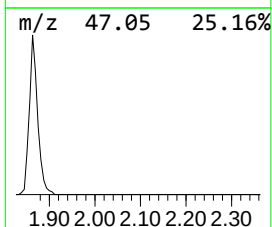
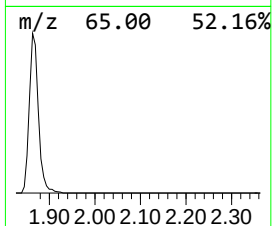
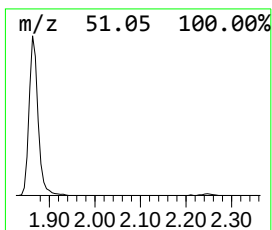
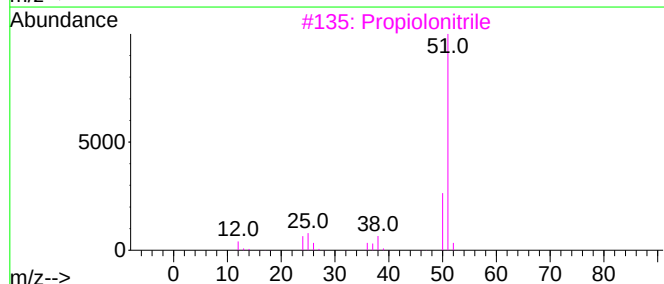
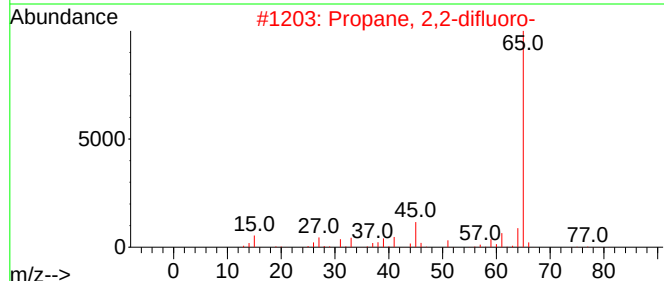
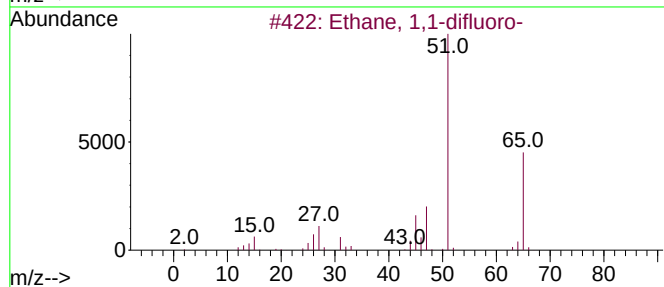
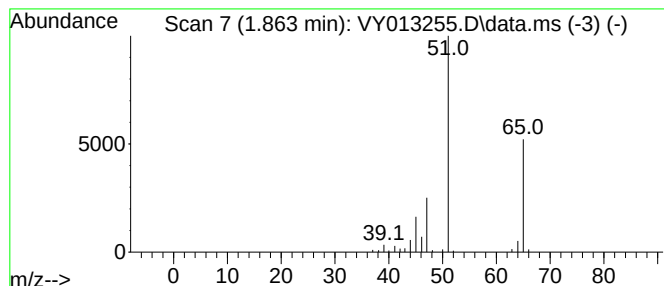
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260

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

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.863	13.91 ug/l	62719	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2			Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4
3			Propiolonitrile	51	C3HN	001070-71-9	3
4			Difluoromethane	52	CH2F2	000075-10-5	1
5			2-Chloroethanol	80	C2H5ClO	000107-07-3	1



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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20230203-3-1

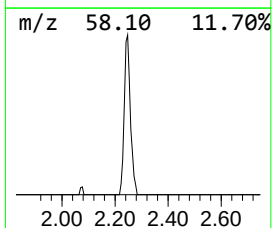
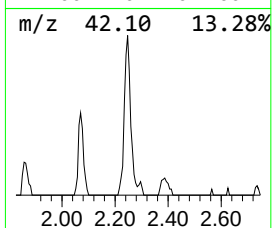
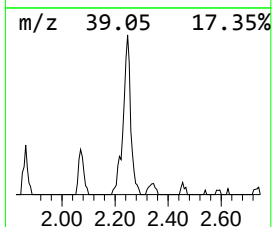
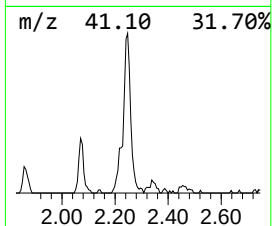
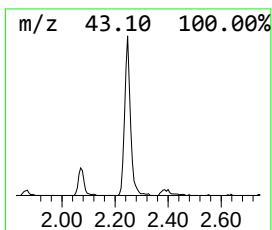
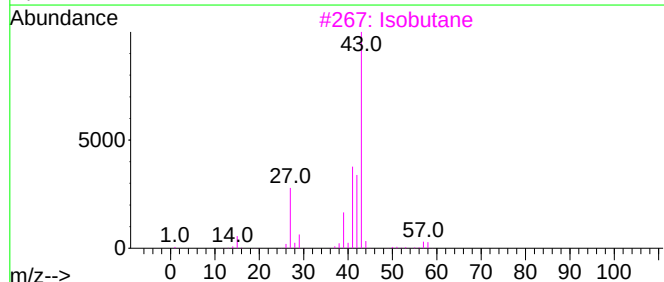
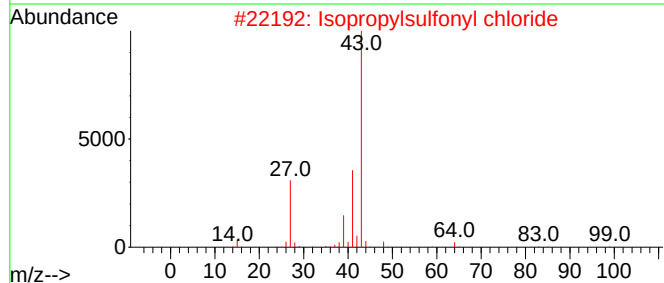
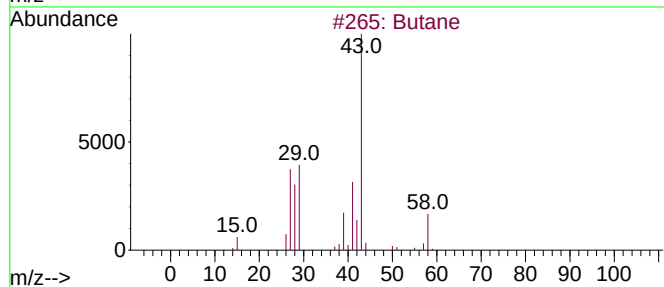
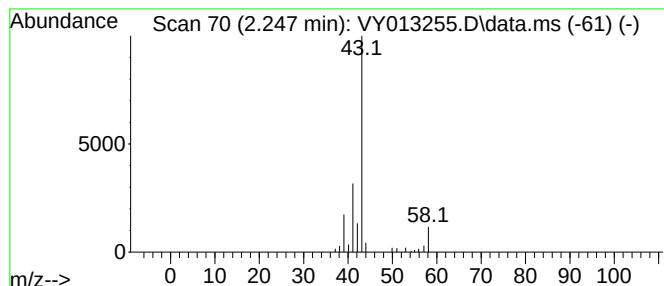
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260

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

Peak Number 2 Butane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.247	8.21 ug/l	37016	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	64
2	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
3	Isobutane	58	C4H10	000075-28-5	9
4	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
5	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9



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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20230203-3-1

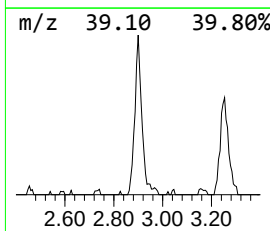
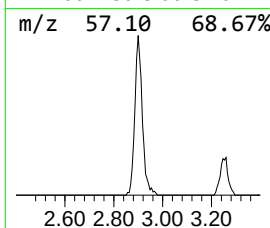
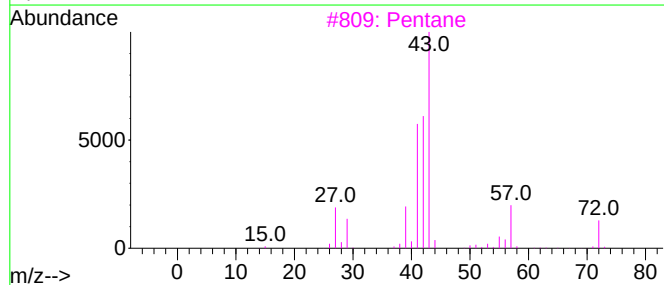
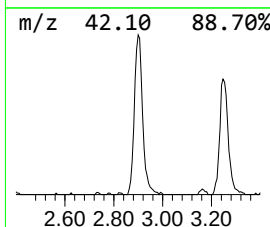
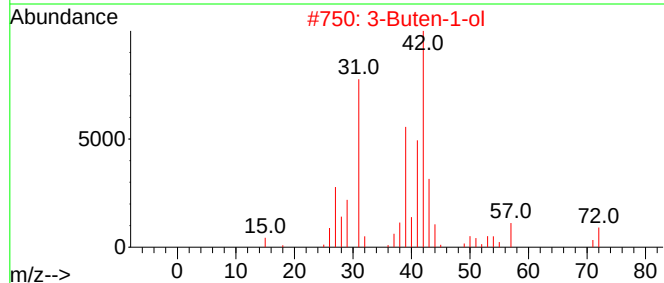
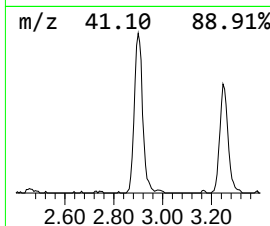
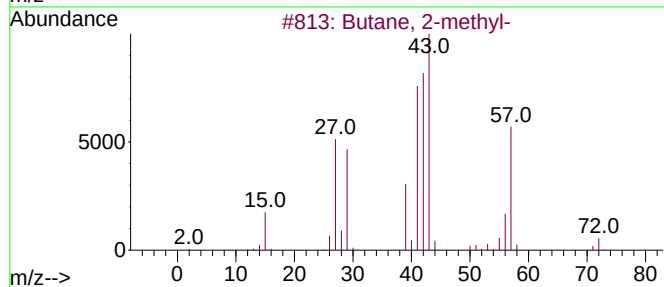
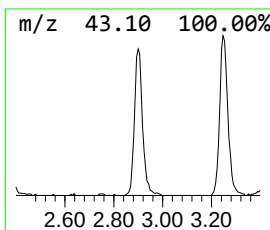
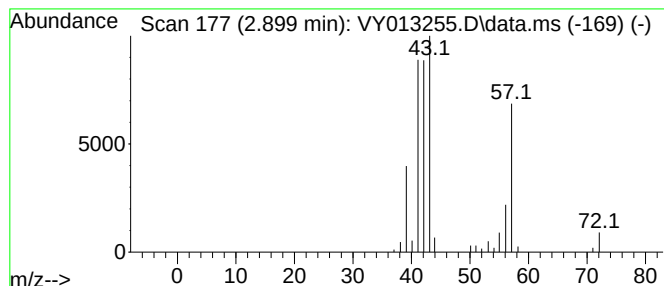
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260

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

Peak Number 3 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.899	15.63 ug/l	70471	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	68
2			3-Buten-1-ol	72	C4H8O	000627-27-0	42
3			Pentane	72	C5H12	000109-66-0	38
4			2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	36
5			1-Butene	56	C4H8	000106-98-9	10



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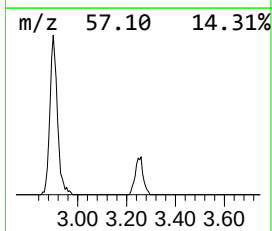
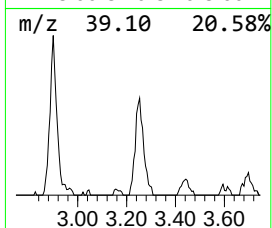
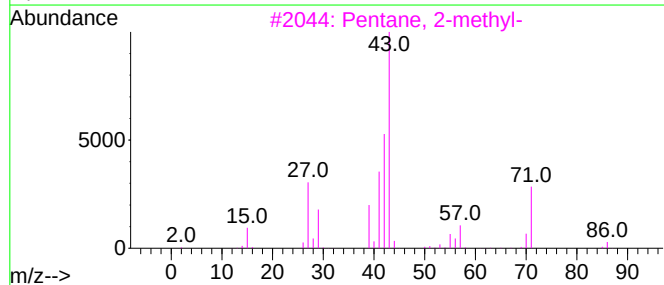
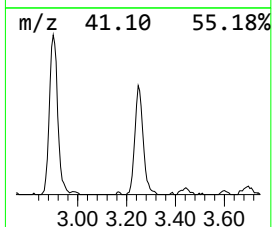
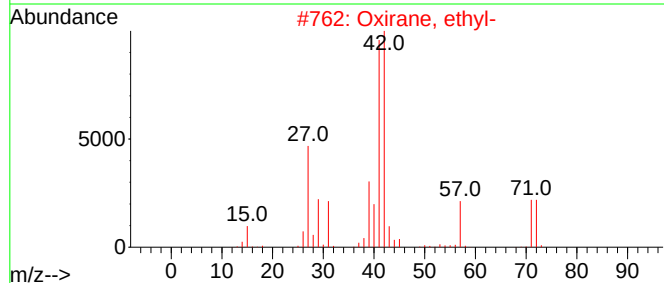
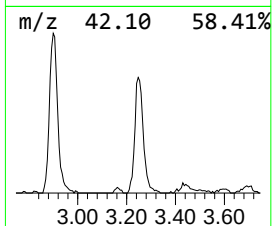
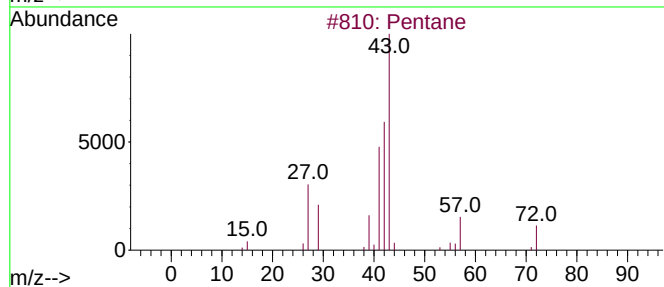
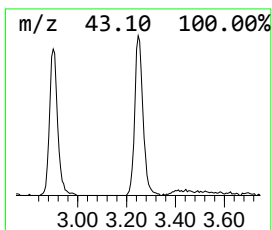
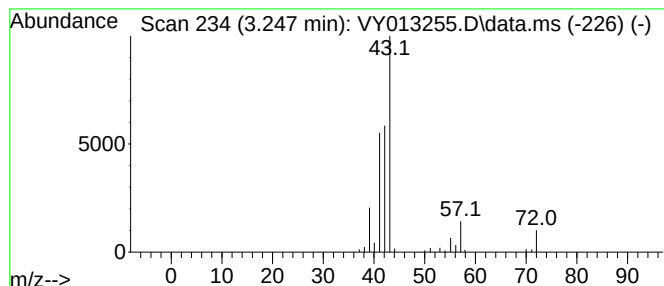
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Quant Title : SW846 8260

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

Peak Number 4 Pentane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.247	11.49 ug/l	51821	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane	72	C5H12	000109-66-0	90
2			Oxirane, ethyl-	72	C4H8O	000106-88-7	53
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	39
4			2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	33
5			Butane, 2-methyl-	72	C5H12	000078-78-4	9



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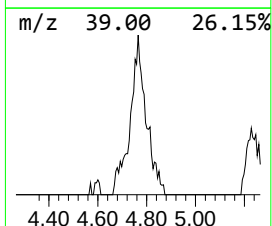
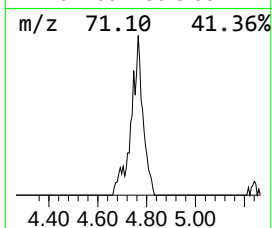
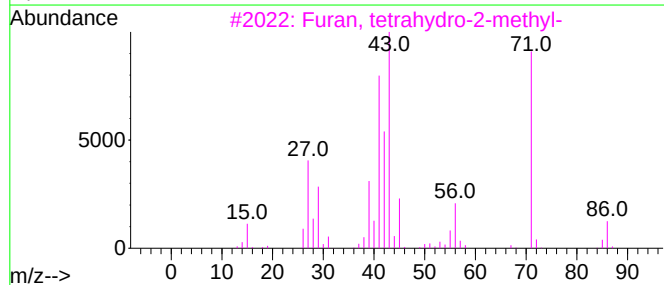
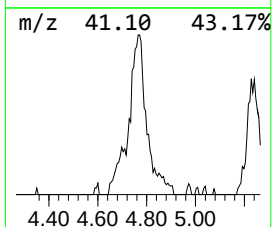
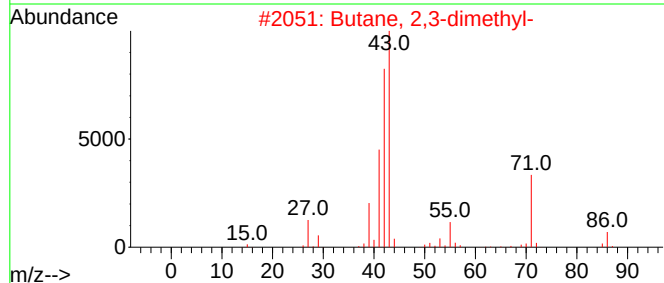
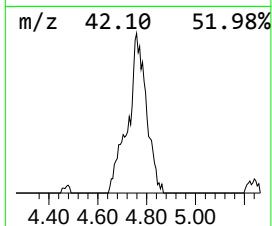
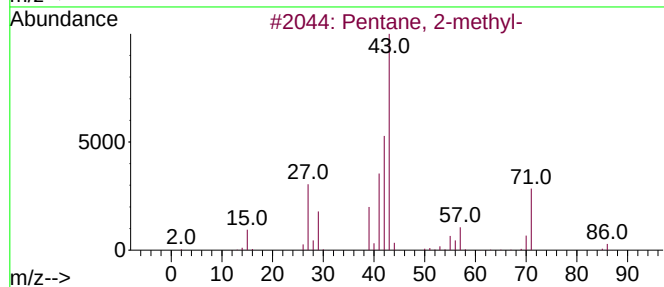
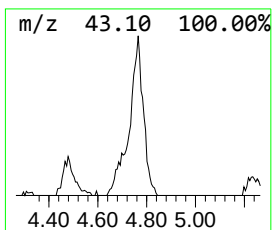
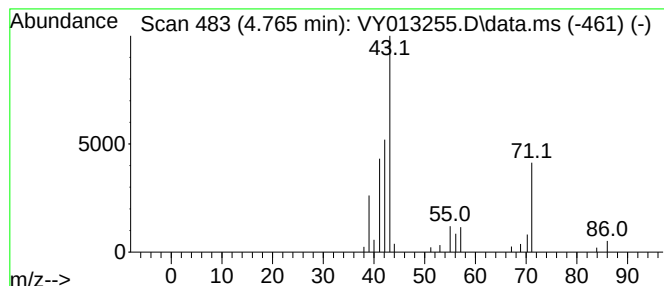
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Quant Title : SW846 8260

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

Peak Number 5 Pentane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.765	12.44 ug/l	56088	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
3			Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	38
4			Pentane, 2-bromo-	150	C5H11Br	000107-81-3	36
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	33



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
Data File : VY013255.D
Acq On : 11 Apr 2023 20:07
Operator : KP/MD
Sample : 02232-01
Misc : 4.38g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20230203-3-1

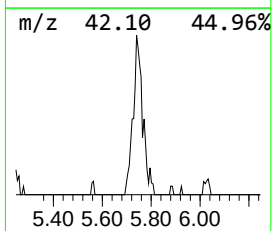
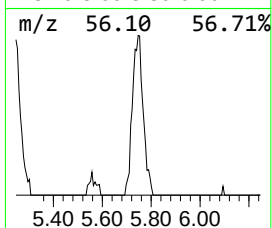
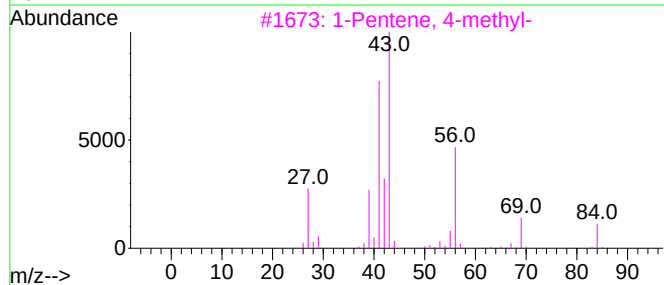
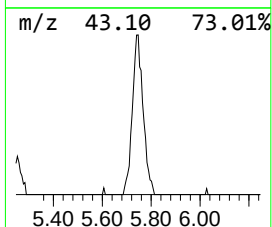
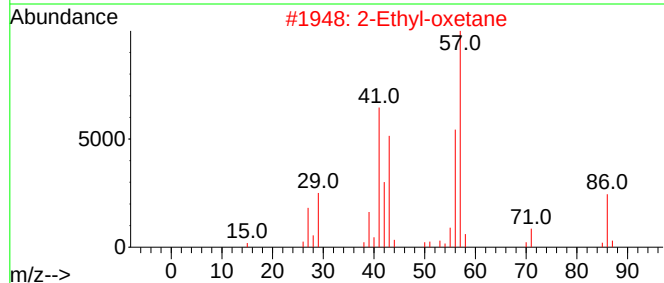
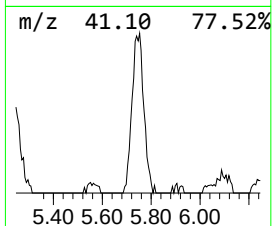
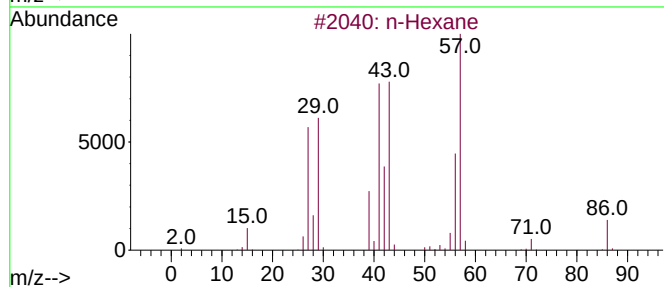
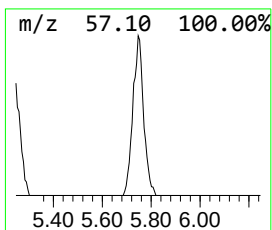
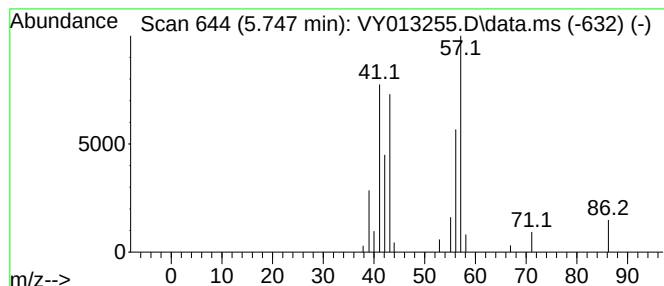
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Quant Title : SW846 8260

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

Peak Number 6 n-Hexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.747	6.21 ug/l	28009	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	91
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	83
3			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40
4			1-Butanol	74	C4H10O	000071-36-3	36
5			Butanal, 2-methyl-	86	C5H10O	000096-17-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
Data File : VY013255.D
Acq On : 11 Apr 2023 20:07
Operator : KP/MD
Sample : 02232-01
Misc : 4.38g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20230203-3-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1-dif...	1.863	13.9	ug/l	62719	1	7.789	225489	50.0
Butane	2.247	8.2	ug/l	37016	1	7.789	225489	50.0
Butane, 2-methyl-	2.899	15.6	ug/l	70471	1	7.789	225489	50.0
Pentane	3.247	11.5	ug/l	51821	1	7.789	225489	50.0
Pentane, 2-methyl-	4.765	12.4	ug/l	56088	1	7.789	225489	50.0
n-Hexane	5.747	6.2	ug/l	28009	1	7.789	225489	50.0