

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010824.D
 Acq On : 05 Oct 2022 16:46
 Operator : KP/MD
 Sample : N5004-04
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22010-8.5

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\82Y100322S.M

Title : SW846 8260

Signal : TIC: VY010824.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.070	36	41	46	rBV	19339	27041	2.22%	0.284%
2	2.247	61	70	77	rBV	31898	51687	4.24%	0.542%
3	2.326	79	83	89	rBV	8079	14553	1.19%	0.153%
4	2.899	167	177	193	rBV	116007	262648	21.53%	2.757%
5	3.247	227	234	245	rVB2	9891	23137	1.90%	0.243%
6	3.936	335	347	364	rBV3	33288	112381	9.21%	1.179%
7	4.698	454	472	500	rBV3	101303	422760	34.65%	4.437%
8	4.948	500	513	529	rVB2	14876	55947	4.59%	0.587%
9	5.216	541	557	578	rBV2	266231	990589	81.19%	10.397%
10	6.685	786	798	808	rBV	39568	127918	10.48%	1.343%
11	6.789	808	815	824	rVB3	8473	24162	1.98%	0.254%
12	6.972	835	845	857	rBV5	5636	19629	1.61%	0.206%
13	7.527	926	936	943	rBV5	6297	18919	1.55%	0.199%
14	7.716	956	967	972	rBV	209374	487921	39.99%	5.121%
15	7.789	972	979	986	rVV	320697	745970	61.14%	7.829%
16	7.868	986	992	1005	rVB2	73887	186637	15.30%	1.959%
17	8.136	1027	1036	1046	rBV	190993	416603	34.14%	4.372%
18	8.252	1046	1055	1056	rVV4	9383	20784	1.70%	0.218%
19	8.319	1059	1066	1077	rVV	71981	194364	15.93%	2.040%
20	8.685	1117	1126	1139	rBV	506834	984221	80.66%	10.330%
21	9.148	1194	1202	1204	rBV4	8179	16507	1.35%	0.173%
22	9.185	1205	1208	1213	rVV3	8760	15383	1.26%	0.161%
23	9.459	1244	1253	1259	rBV3	6468	12469	1.02%	0.131%
24	9.612	1271	1278	1287	rVB2	31131	62654	5.13%	0.658%
25	9.746	1292	1300	1307	rBV2	36589	73799	6.05%	0.775%
26	10.179	1363	1371	1379	rBV	726498	1220139	100.00%	12.806%
27	11.489	1579	1586	1595	rBV	675767	1073787	88.01%	11.270%
28	11.581	1597	1601	1611	rVV5	6091	13908	1.14%	0.146%
29	11.703	1614	1621	1632	rVB2	5935	13941	1.14%	0.146%
30	12.483	1741	1749	1757	rBV2	558771	895952	73.43%	9.403%
31	13.422	1897	1903	1914	rVB	582454	884971	72.53%	9.288%
32	13.623	1933	1936	1941	rVB	9281	14722	1.21%	0.155%
33	13.965	1985	1992	1998	rVB2	12474	20852	1.71%	0.219%
34	14.080	2006	2011	2017	rVB	13805	21082	1.73%	0.221%

Sum of corrected areas: 9528037

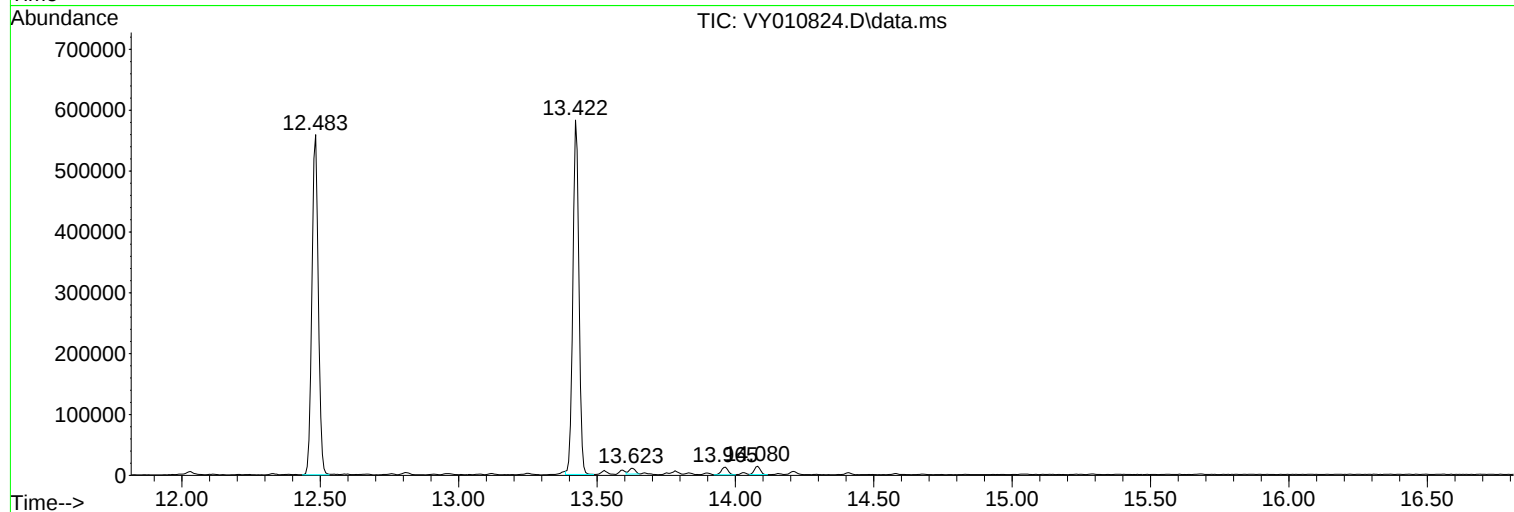
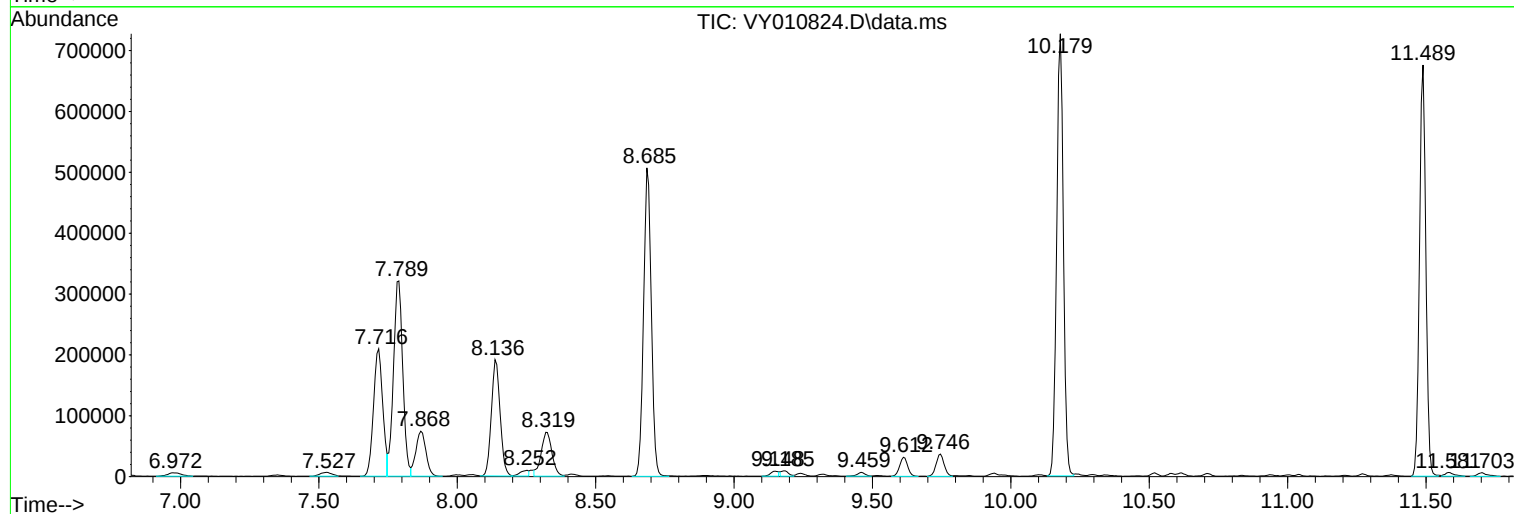
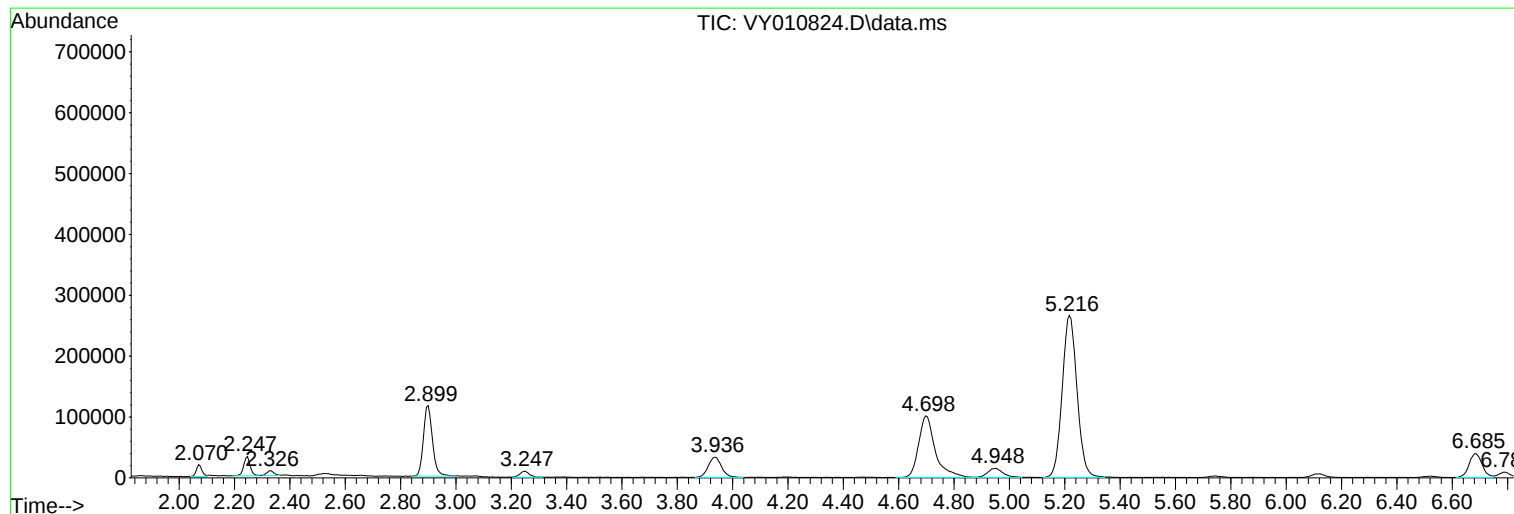
Instrument :
MSVOA_Y
ClientSampleId :
D22010-8.5

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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



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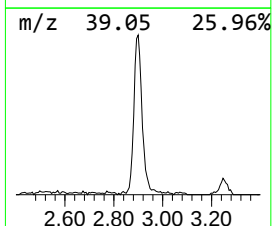
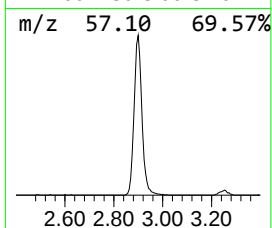
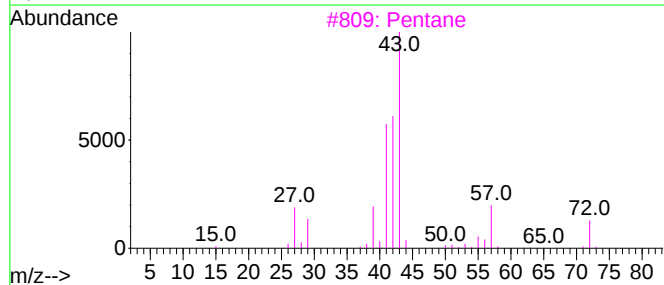
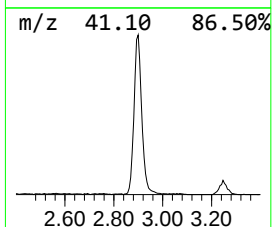
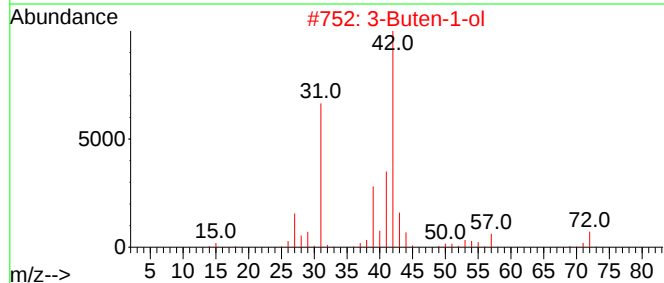
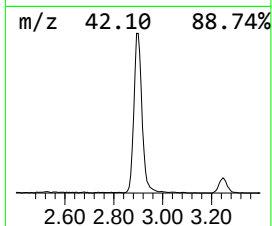
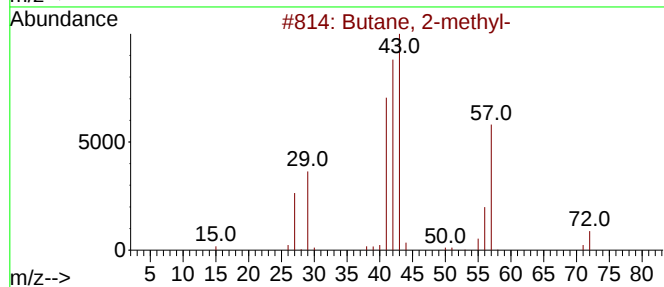
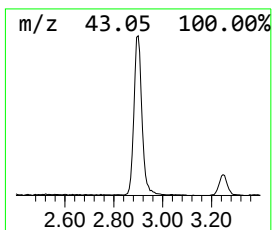
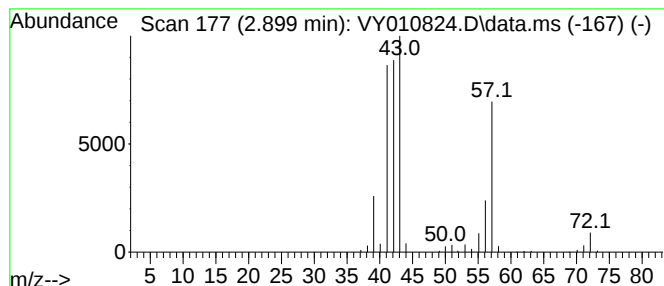
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.899	17.60 ug/l	262648	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	91
2			3-Buten-1-ol	72	C4H8O	000627-27-0	47
3			Pentane	72	C5H12	000109-66-0	37
4			Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	22
5			1-Butene	56	C4H8	000106-98-9	11



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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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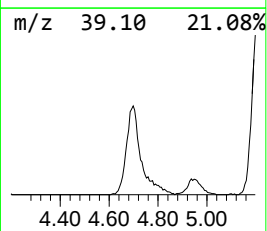
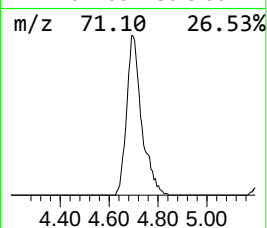
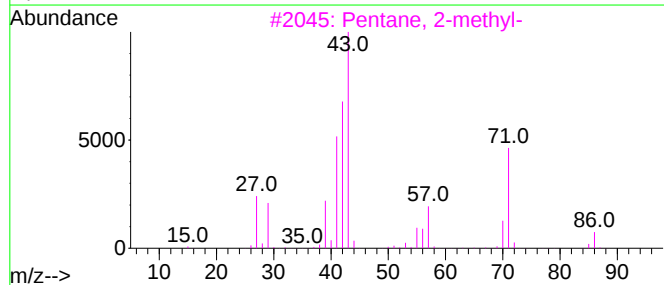
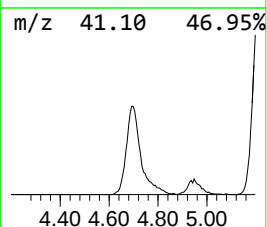
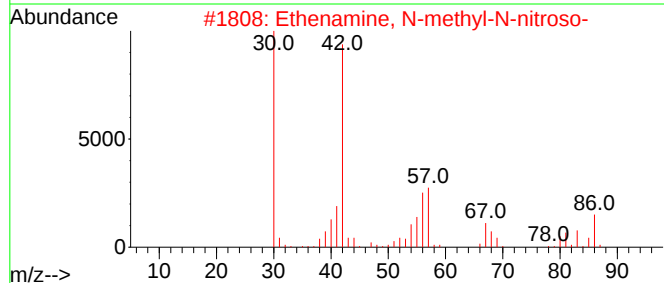
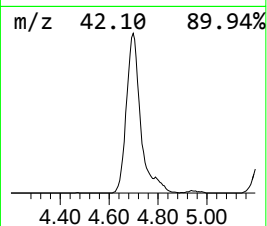
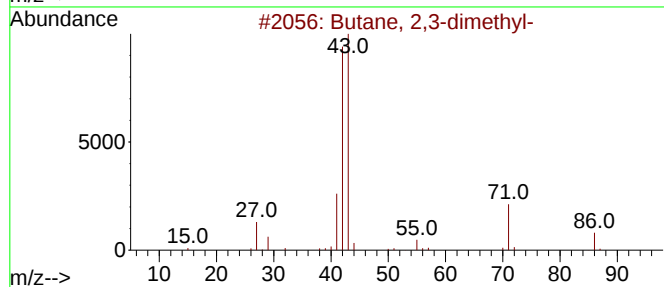
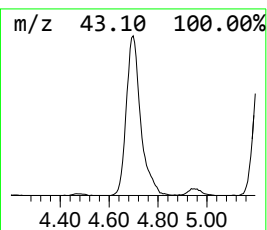
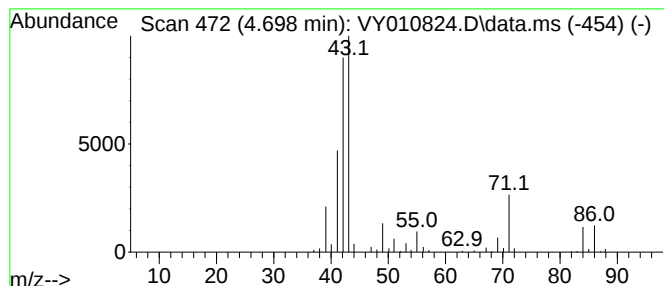
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.698	28.34 ug/l	422760	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
2			Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	47
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	45
4			Propane-1,3-diol, 2-methyl-	90	C4H10O2	002163-42-0	37
5			Tetrahydrofuran	72	C4H8O	000109-99-9	33



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ClientSampleId :
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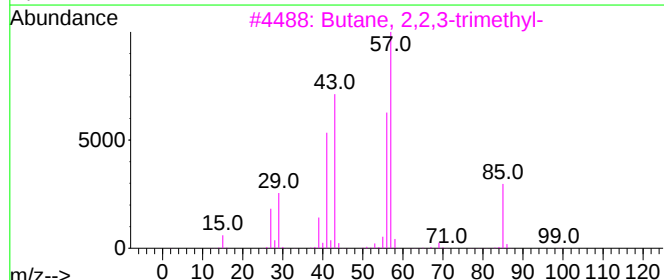
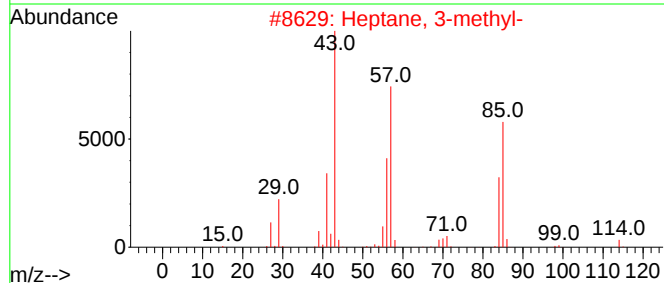
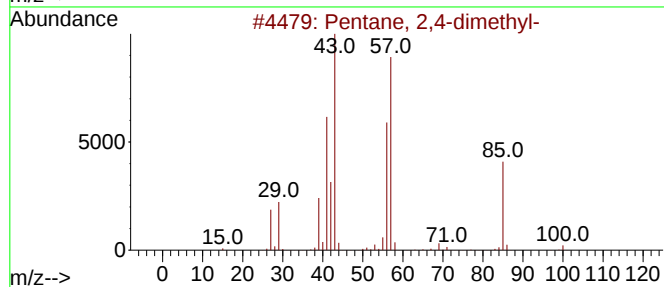
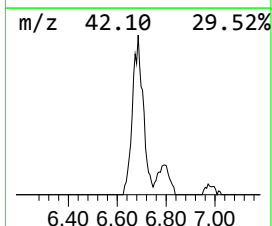
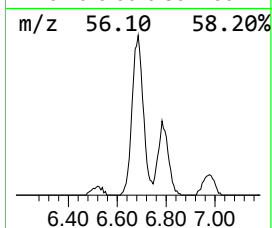
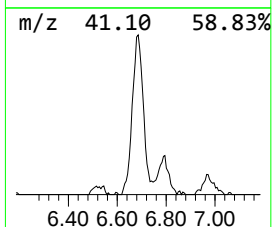
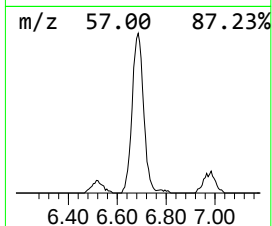
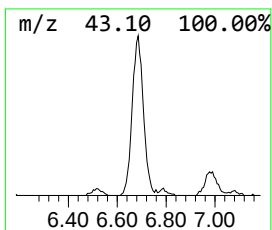
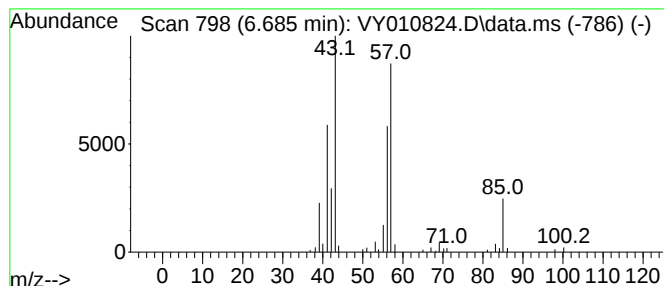
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.685	8.57 ug/l	127918	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	68
2			Heptane, 3-methyl-	114	C8H18	000589-81-1	64
3			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
4			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	49
5			2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	47



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Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22010-8.5

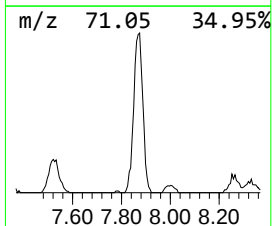
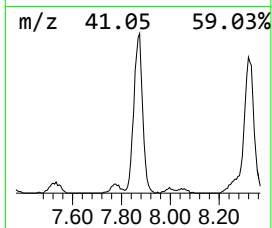
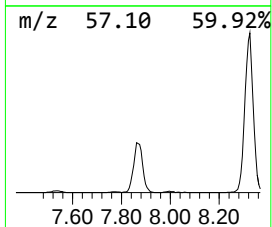
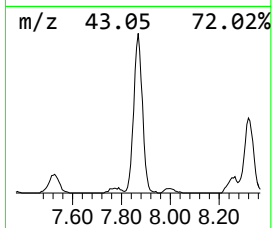
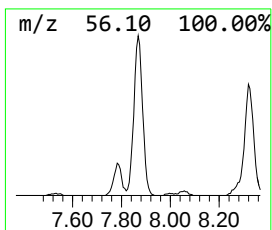
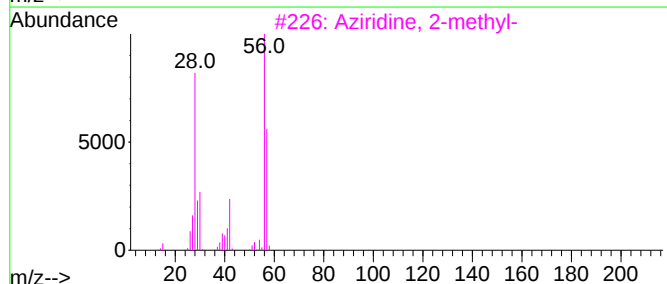
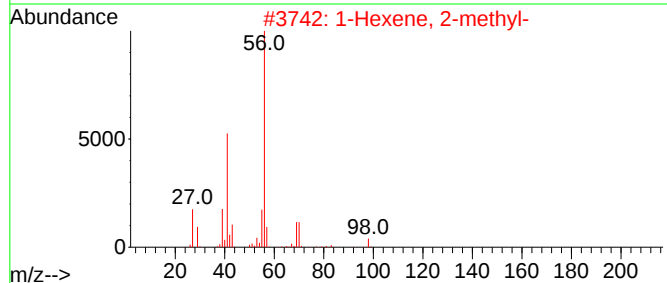
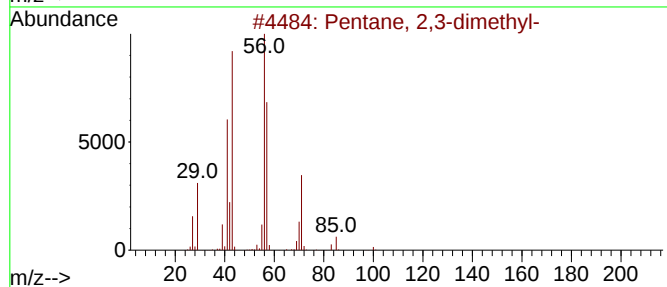
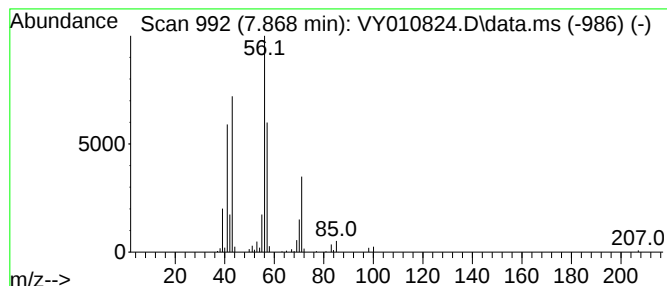
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 4 Pentane, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.868	12.51 ug/l	186637	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2			1-Hexene, 2-methyl-	98	C7H14	006094-02-6	53
3			Aziridine, 2-methyl-	57	C3H7N	000075-55-8	52
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
5			2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	42



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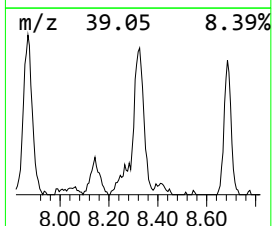
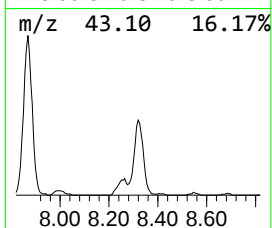
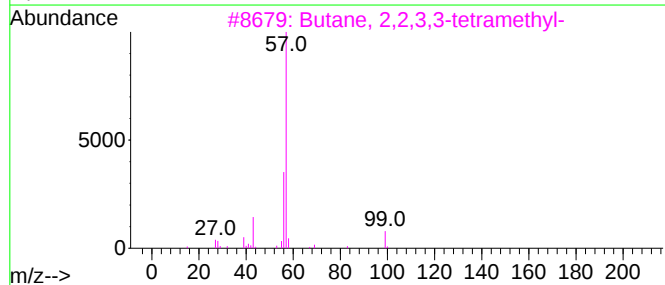
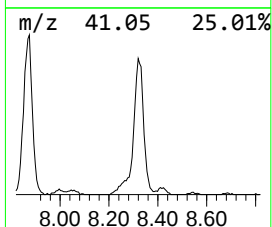
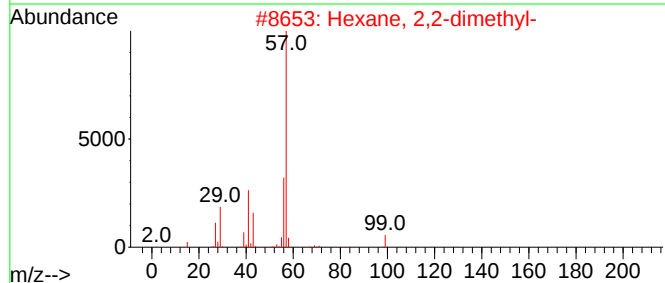
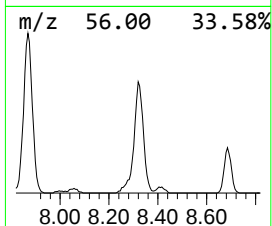
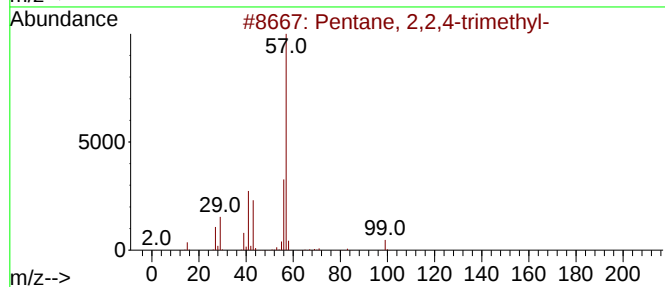
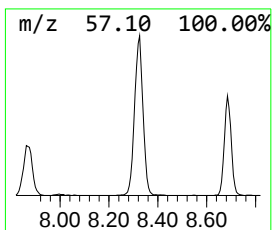
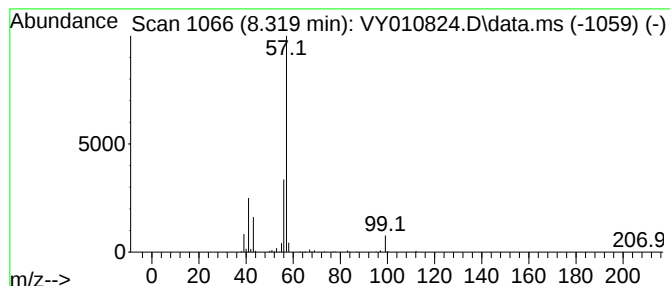
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 5 Pentane, 2,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	9.87 ug/l	194364	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
4			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45



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Acq On : 05 Oct 2022 16:46
Operator : KP/MD
Sample : N5004-04
Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22010-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.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
Butane, 2-methyl-	2.899	17.6	ug/l	262648	1	7.789	745970	50.0
Butane, 2,3-dim...	4.698	28.3	ug/l	422760	1	7.789	745970	50.0
Pentane, 2,4-di...	6.685	8.6	ug/l	127918	1	7.789	745970	50.0
Pentane, 2,3-di...	7.868	12.5	ug/l	186637	1	7.789	745970	50.0
Pentane, 2,2,4-...	8.319	9.9	ug/l	194364	2	8.685	984221	50.0