

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
Data File : VD078230.D
Acq On : 24 Jan 2024 18:26
Operator : RP/MD
Sample : P1235-06
Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
137

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\82D012224S.M

Title : SW846 8260

Signal : TIC: VD078230.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.746	19	27	35	rBV	849492	1331467	1.60%	0.881%
2	4.022	401	414	440	rBV	4384333	11399661	13.69%	7.541%
3	7.622	1014	1026	1041	rBV	479262	1386272	1.66%	0.917%
4	7.857	1047	1066	1076	rBV	7550887	17233083	20.70%	11.400%
5	7.969	1076	1085	1096	rVV	1917734	4728624	5.68%	3.128%
6	8.099	1096	1107	1124	rVV	9514575	20885865	25.08%	13.816%
7	8.363	1141	1152	1160	rBV3	836507	2068786	2.48%	1.369%
8	8.640	1190	1199	1212	rBV	3547065	6749441	8.11%	4.465%
9	9.275	1292	1307	1313	rBV2	377545	906784	1.09%	0.600%
10	10.334	1480	1487	1489	rBV4	53857495	83271202	100.00%	55.086%
11	13.840	2078	2083	2088	rBV	808070	1205011	1.45%	0.797%

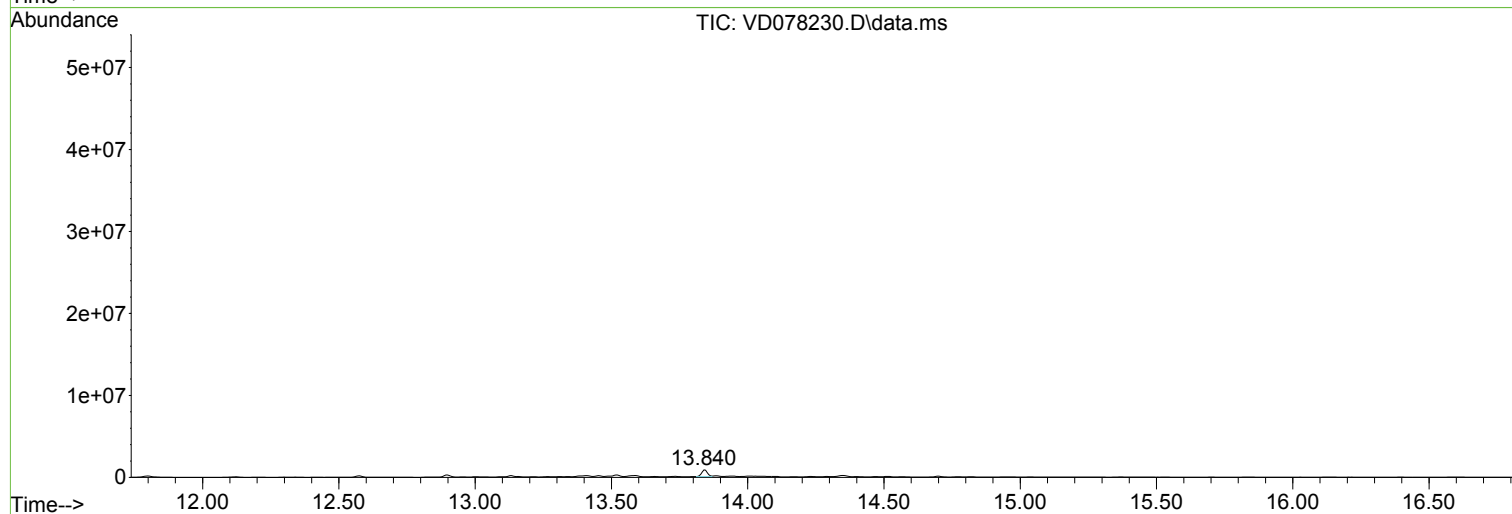
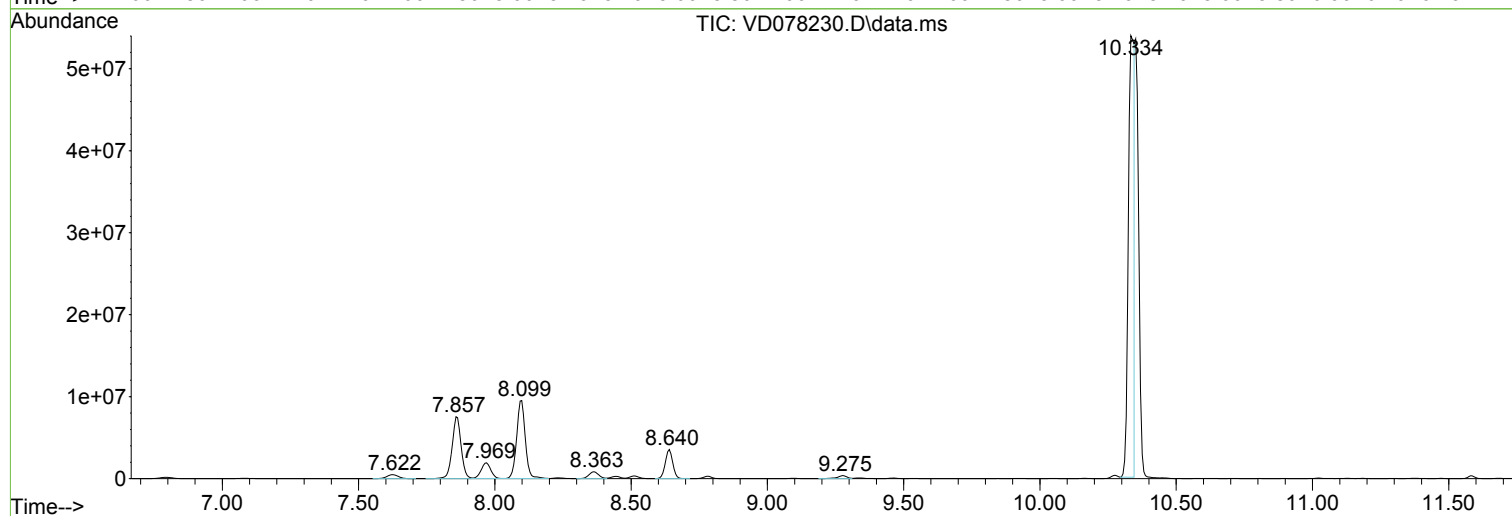
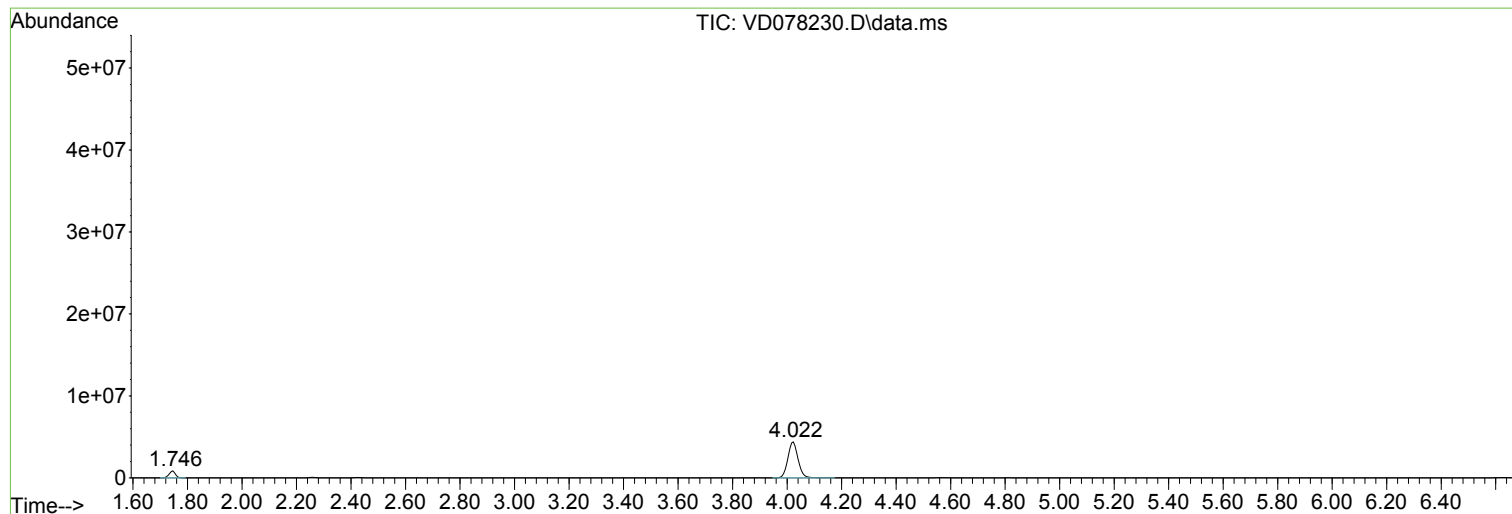
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260

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



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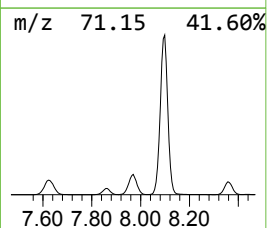
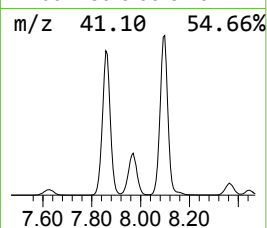
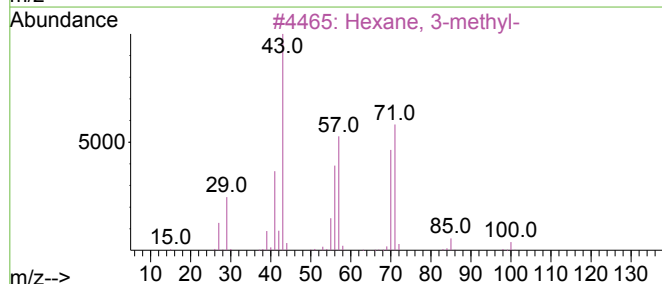
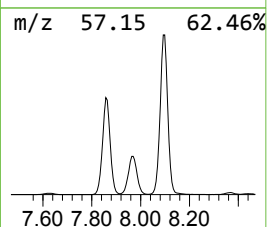
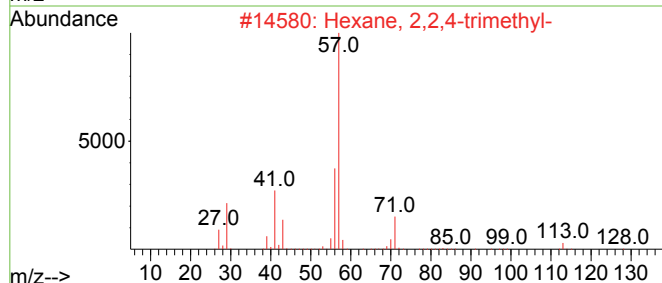
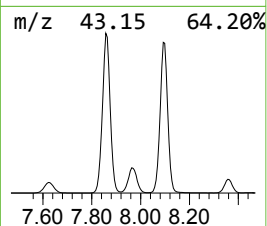
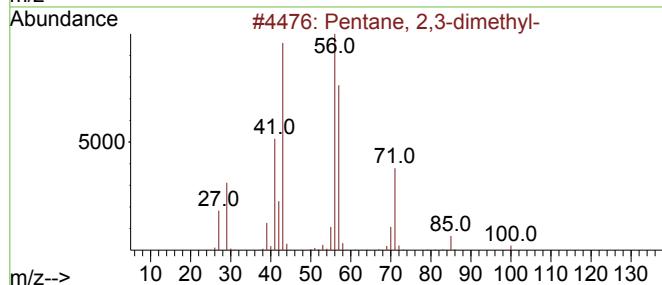
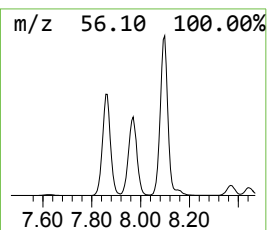
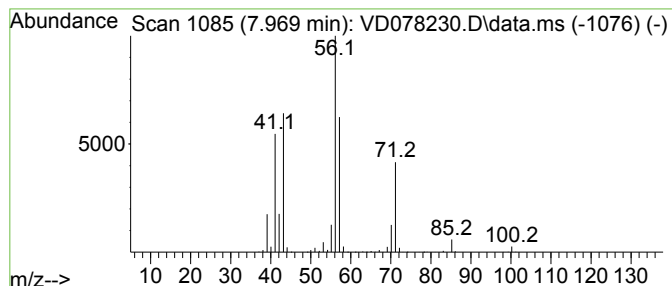
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.969	13.72 ug/l	4728620	Pentafluorobenzene	7.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	38
4			Aziridine, 2-methyl-	57	C3H7N	000075-55-8	37
5			Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	35



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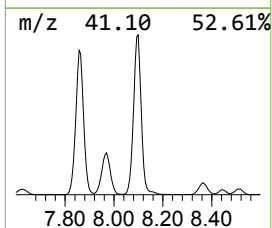
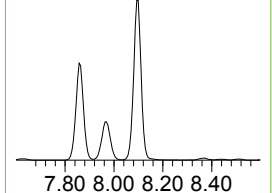
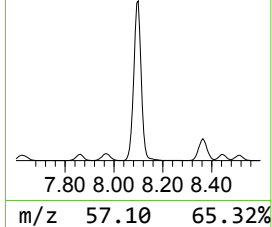
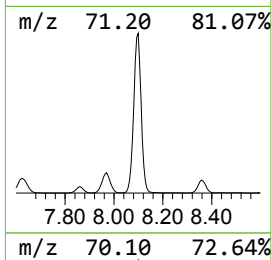
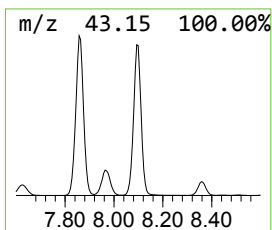
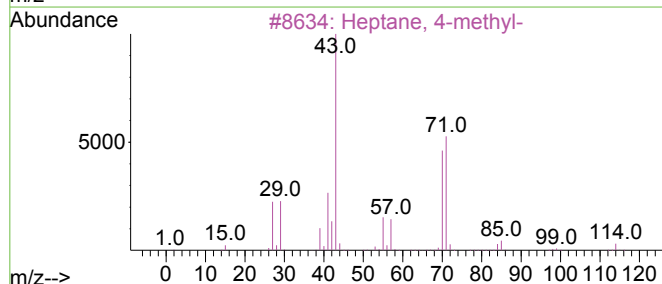
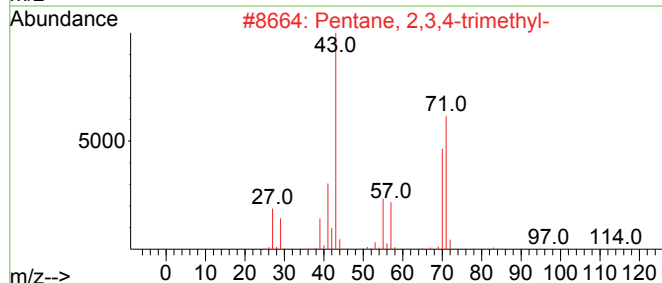
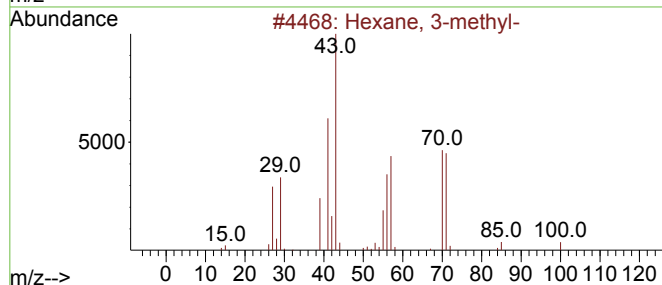
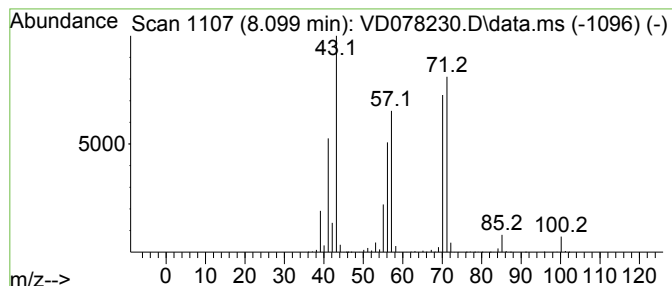
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.099	60.60 ug/l	20885900	Pentafluorobenzene	7.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	96
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4			Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	59
5			Diisooamyl ether	158	C10H22O	000544-01-4	53



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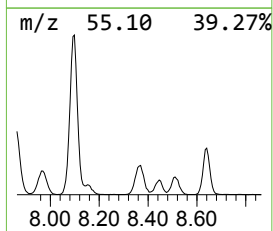
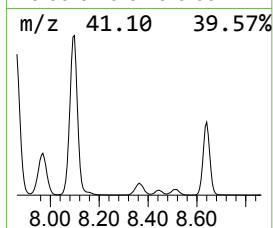
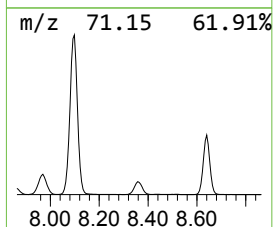
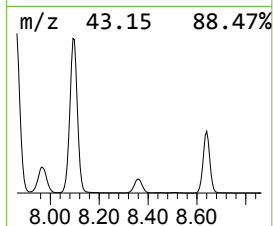
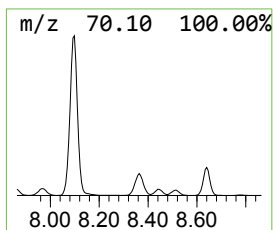
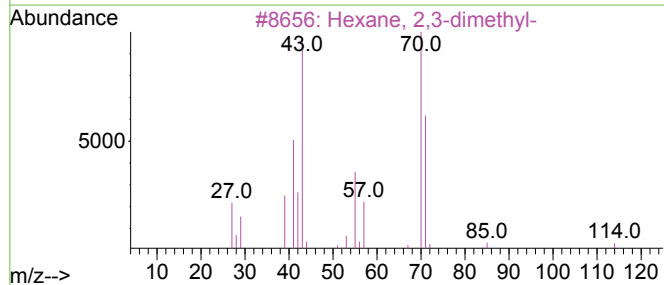
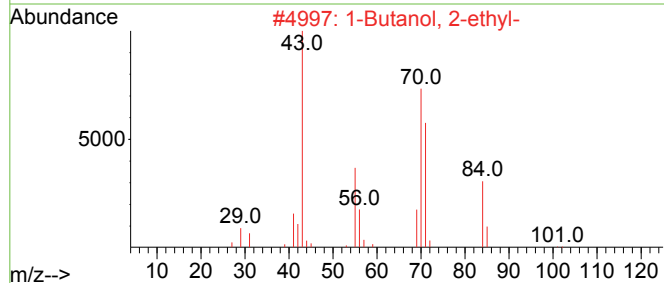
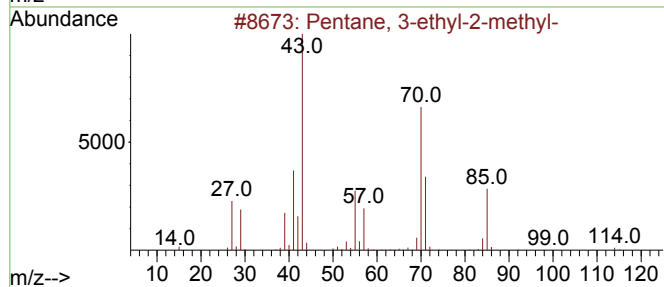
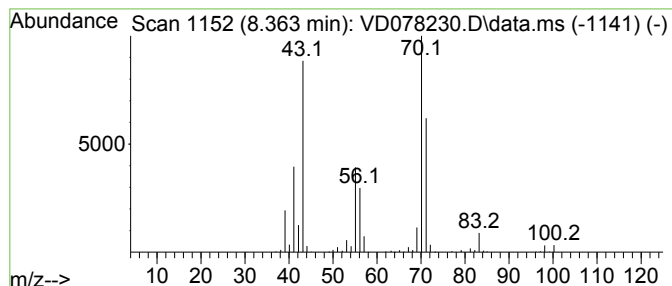
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane, 3-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	15.33 ug/l	2068790	1,4-Difluorobenzene	8.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64
2			1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	56
3			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	47
5			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43



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Sample : P1235-06
Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
137

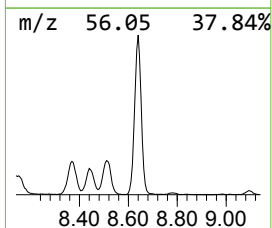
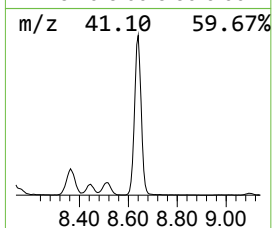
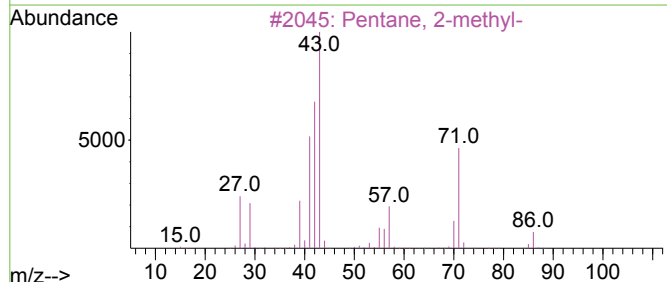
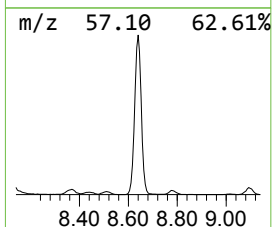
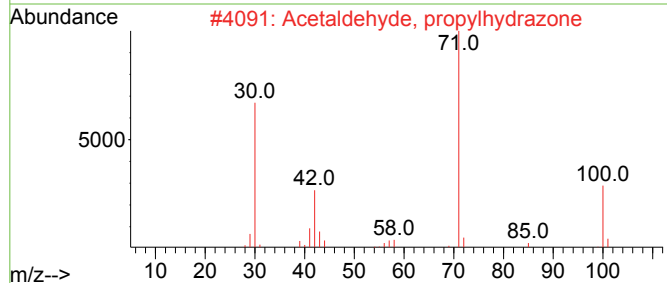
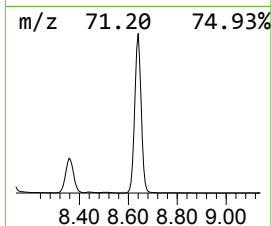
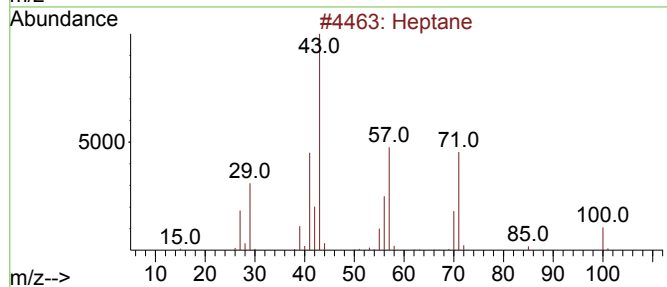
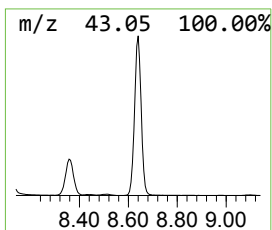
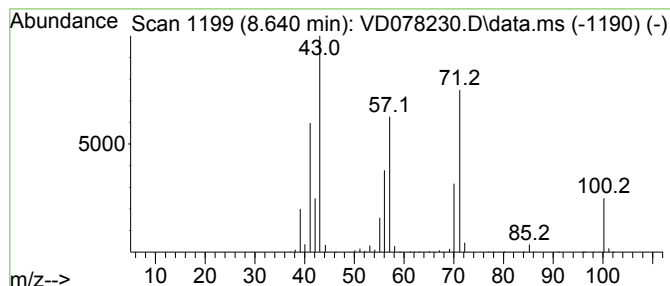
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260

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

Peak Number 4 Heptane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.640	50.00 ug/l	6749440	1,4-Difluorobenzene	8.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	94
2			Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	58
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	50
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	50
5			3-Hexanone	100	C6H12O	000589-38-8	43



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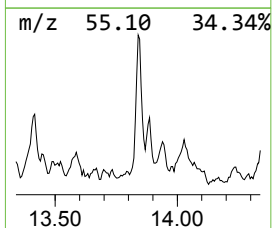
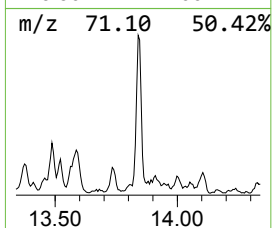
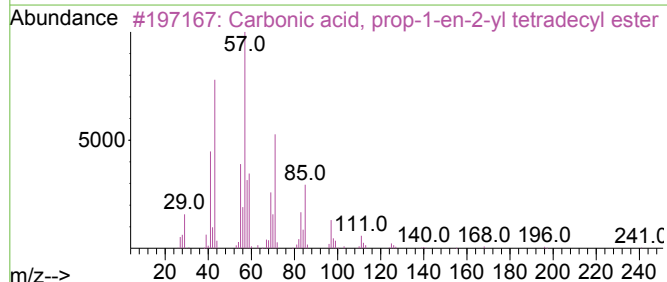
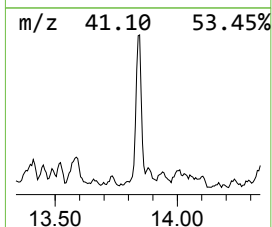
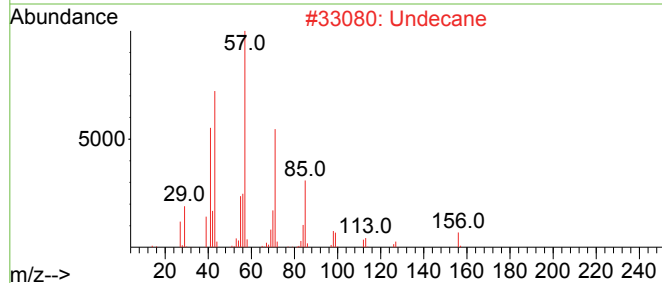
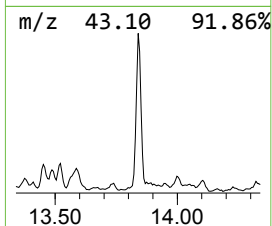
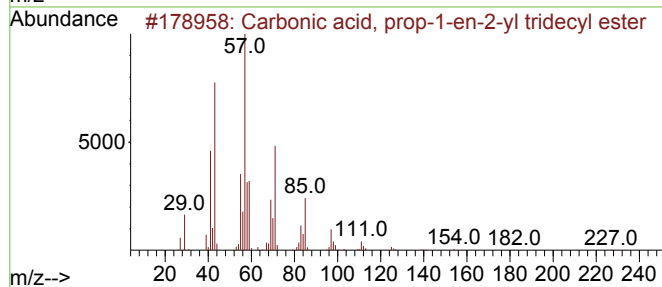
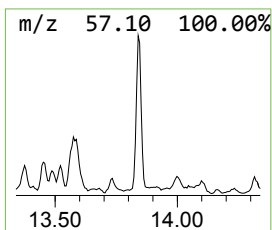
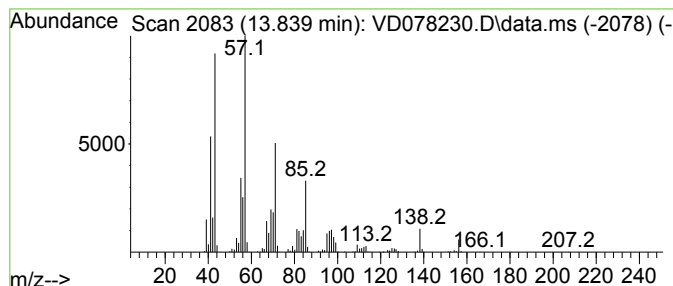
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Carbonic acid, prop-1-en-2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	50.00 ug/l	1205010	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	72
2			Undecane	156	C11H24	001120-21-4	68
3			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	64
4			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	64
5			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	58



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,3-di...	7.969	13.7	ug/l	4728620	1	7.881	17233100	50.0
Hexane, 3-methyl-	8.099	60.6	ug/l	20885900	1	7.881	17233100	50.0
Pentane, 3-ethy...	8.363	15.3	ug/l	2068790	2	8.781	6749440	50.0
Heptane	8.640	50.0	ug/l	6749440	2	8.781	6749440	50.0
Carbonic acid, ...	13.839	50.0	ug/l	1205010	4	13.516	1205010	50.0