

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015091.D
 Acq On : 14 Aug 2023 19:57
 Operator : SY/MD
 Sample : 03903-08
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-08

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\82Y081423S.M
 Title : SW846 8260

Signal : TIC: VY015091.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.857	3	6	12	rVB	6374	8956	1.09%	0.136%
2	2.217	59	65	73	rBV3	5256	13172	1.61%	0.201%
3	2.894	167	176	186	rBV	44794	100310	12.23%	1.529%
4	3.235	224	232	248	rVB2	16341	40555	4.95%	0.618%
5	3.936	335	347	357	rBV3	6089	18792	2.29%	0.286%
6	4.753	474	481	495	rVB2	51704	186005	22.69%	2.835%
7	5.222	543	558	574	rBV3	34181	120403	14.68%	1.835%
8	5.539	598	610	624	rVB7	2475	8237	1.00%	0.126%
9	5.735	629	642	658	rBV2	39680	127748	15.58%	1.947%
10	6.094	692	701	707	rVB3	3882	10693	1.30%	0.163%
11	6.521	760	771	780	rBV6	6385	20849	2.54%	0.318%
12	6.679	786	797	806	rBV2	23616	77370	9.44%	1.179%
13	6.783	806	814	824	rVB2	17520	51317	6.26%	0.782%
14	7.503	926	932	943	rVB5	9644	30152	3.68%	0.460%
15	7.710	956	966	971	rBV	115051	287692	35.09%	4.385%
16	7.783	971	978	985	rVV2	202201	537153	65.51%	8.186%
17	7.862	985	991	1003	rVB2	42627	111136	13.55%	1.694%
18	7.996	1003	1013	1027	rBV	58169	135409	16.51%	2.064%
19	8.137	1027	1036	1049	rBV	120524	269090	32.82%	4.101%
20	8.271	1049	1058	1059	rVV2	16685	29338	3.58%	0.447%
21	8.319	1059	1066	1076	rVV	94521	256982	31.34%	3.917%
22	8.411	1076	1081	1092	rVB3	8358	21709	2.65%	0.331%
23	8.539	1092	1102	1113	rVB	32383	72280	8.82%	1.102%
24	8.685	1117	1126	1138	rBV	300586	607139	74.05%	9.253%
25	8.966	1160	1172	1176	rBV7	2850	9651	1.18%	0.147%
26	9.179	1194	1207	1212	rBV3	30907	81375	9.92%	1.240%
27	9.240	1212	1217	1223	rVV2	14992	29063	3.54%	0.443%
28	9.362	1232	1237	1243	rVV4	5058	10854	1.32%	0.165%
29	9.453	1243	1252	1260	rVV6	5155	13168	1.61%	0.201%
30	9.612	1269	1278	1289	rBV2	28491	60055	7.32%	0.915%
31	9.746	1289	1300	1306	rBV3	31600	74372	9.07%	1.133%
32	9.813	1306	1311	1315	rBV2	12859	22935	2.80%	0.350%
33	9.953	1324	1334	1346	rVB2	15970	39982	4.88%	0.609%
34	10.112	1352	1360	1364	rBV2	10792	19560	2.39%	0.298%
35	10.173	1364	1370	1384	rVB	470100	819920	100.00%	12.496%
36	10.362	1394	1401	1408	rVB6	9274	23344	2.85%	0.356%

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Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

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Start Thrs: 0.2

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Max Peaks: 100

Peak Location: TOP

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

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37	10.520	1422	1427	1433	rVB3	5749	9115	1.11%	0.139%
38	10.612	1433	1442	1454	rVV9	7118	18444	2.25%	0.281%
39	10.709	1454	1458	1464	rVB4	6404	11252	1.37%	0.171%
40	11.276	1542	1551	1562	rVB6	7202	21485	2.62%	0.327%
41	11.374	1562	1567	1572	rBV2	6322	10170	1.24%	0.155%
42	11.484	1578	1585	1595	rBV	450161	742971	90.62%	11.323%
43	11.587	1598	1602	1606	rBV3	5875	9163	1.12%	0.140%
44	11.697	1611	1620	1624	rBV	11958	25545	3.12%	0.389%
45	12.477	1742	1748	1759	rBV	380713	588727	71.80%	8.972%
46	13.422	1896	1903	1912	rBV	509787	758339	92.49%	11.557%
47	16.184	2350	2356	2364	rBV3	8392	19529	2.38%	0.298%

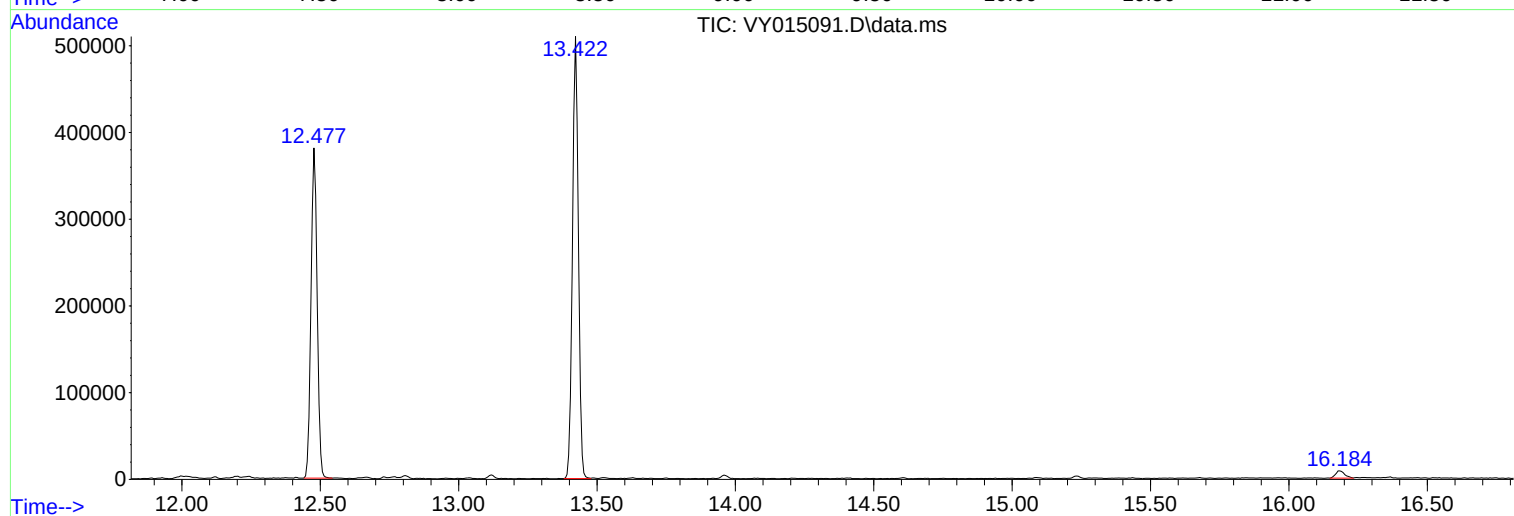
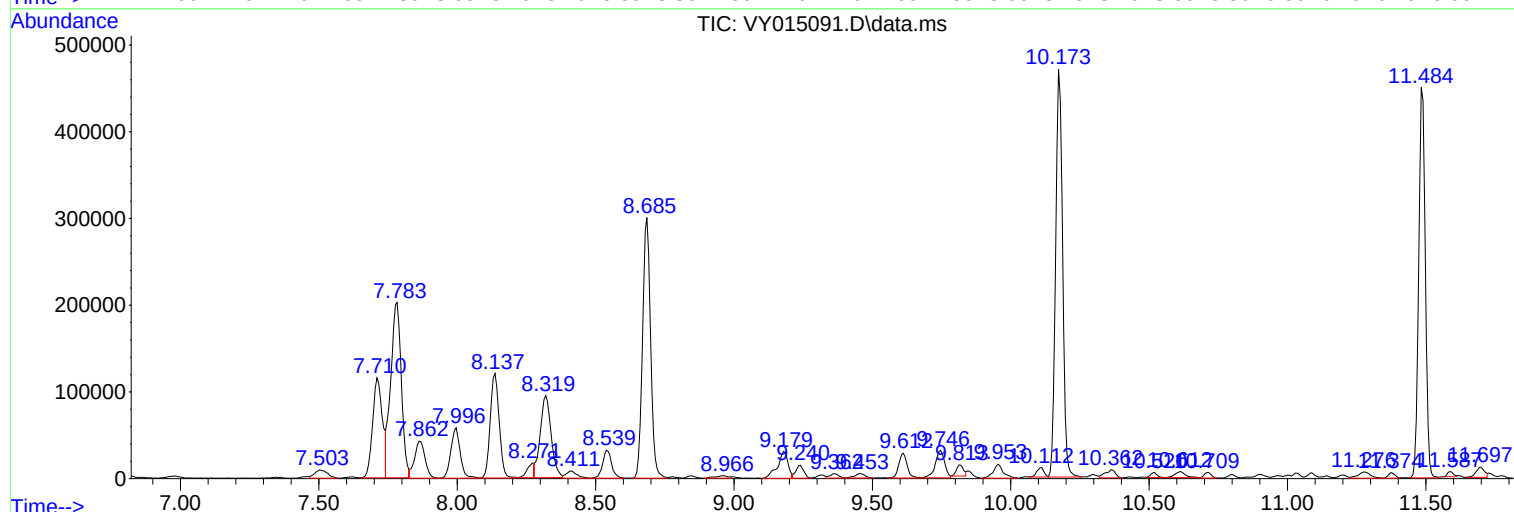
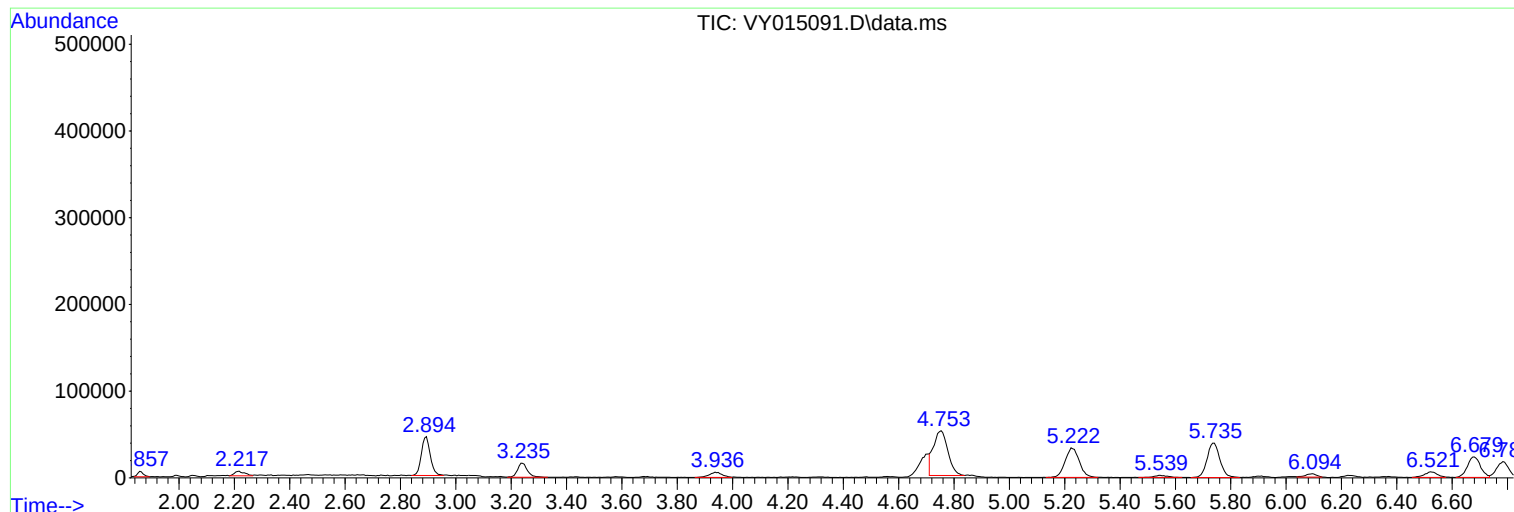
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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



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Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
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Instrument :
MSVOA_Y
ClientSampleId :
MW-08

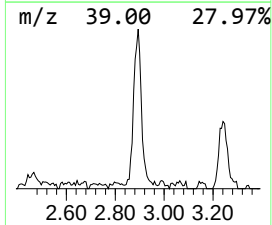
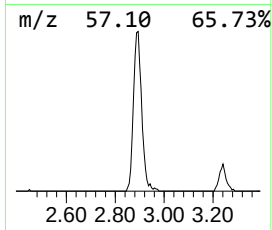
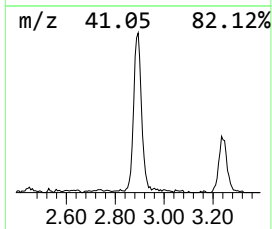
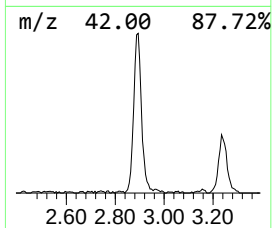
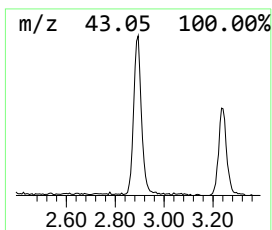
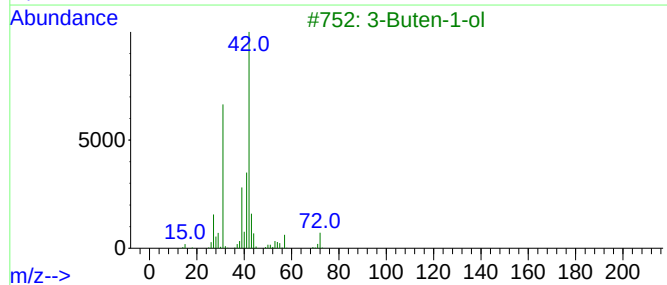
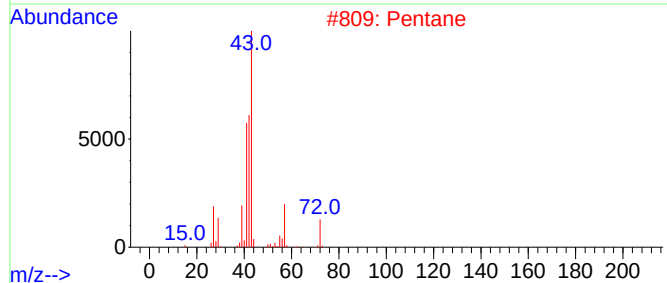
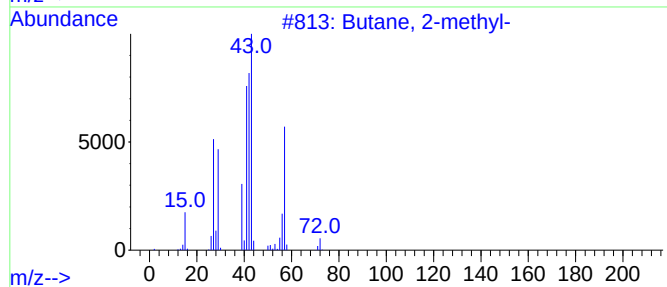
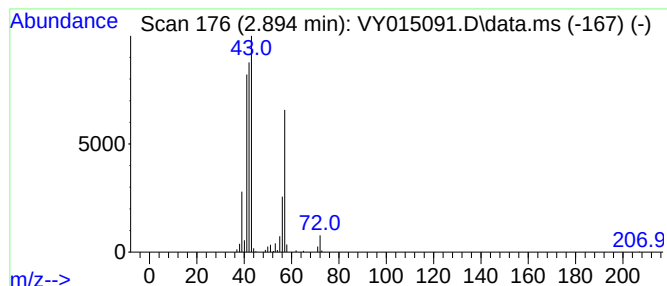
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.894	9.34 ug/l	100310	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	86
2			Pentane	72	C5H12	000109-66-0	50
3			3-Buten-1-ol	72	C4H8O	000627-27-0	38
4			Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	27
5			1-Butene	56	C4H8	000106-98-9	14



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Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

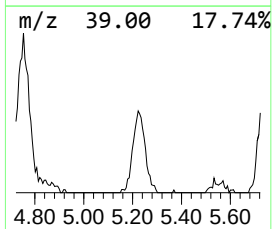
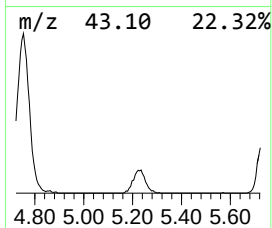
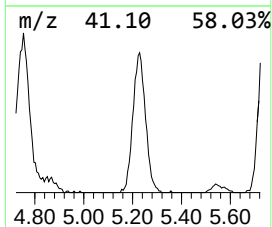
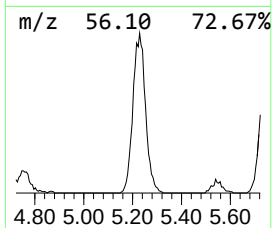
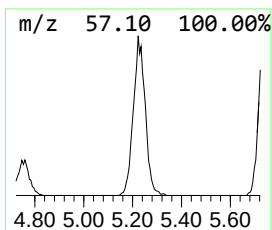
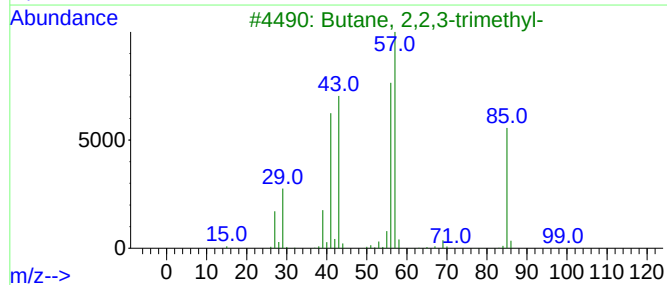
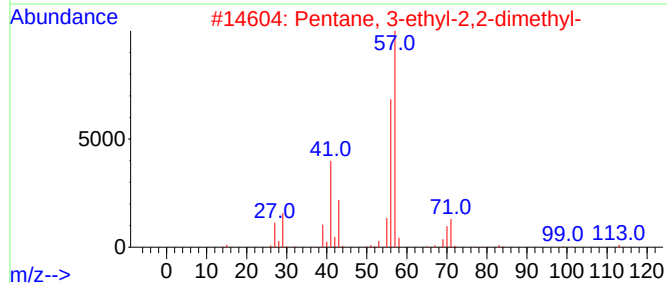
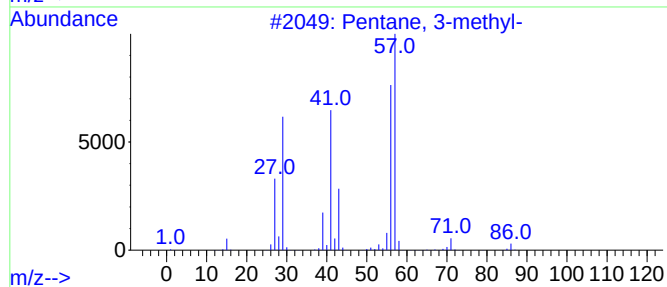
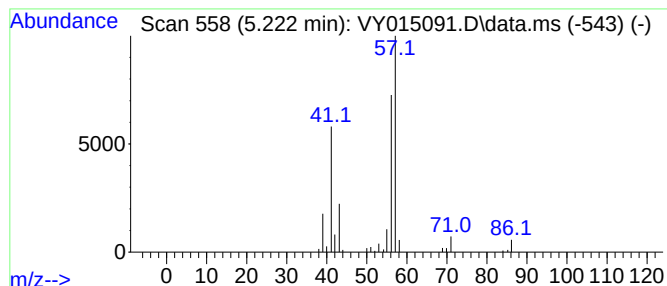
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.222	11.21 ug/l	120403	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	72
3			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
4			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5			Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	56



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Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

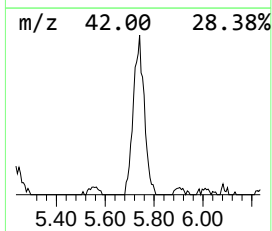
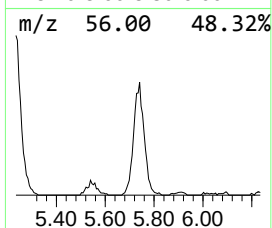
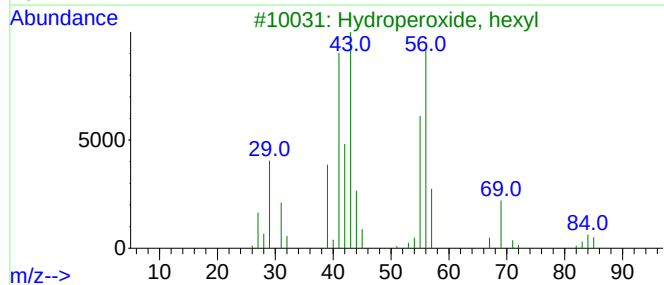
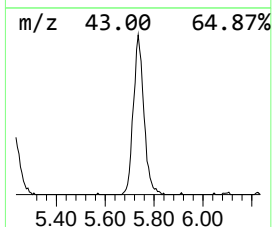
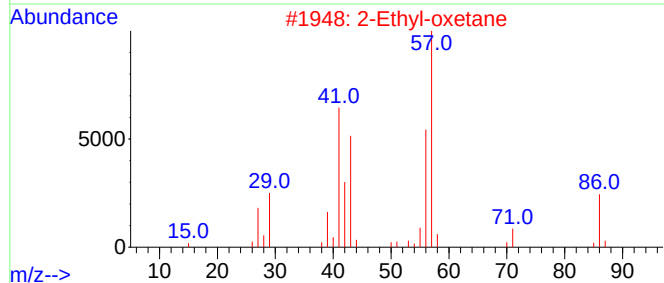
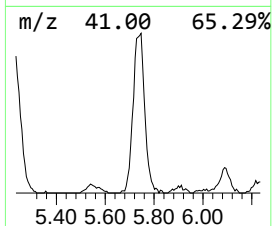
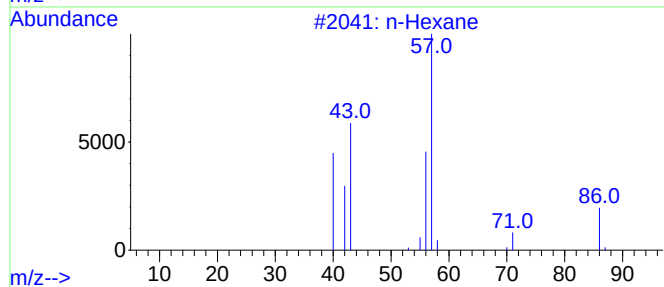
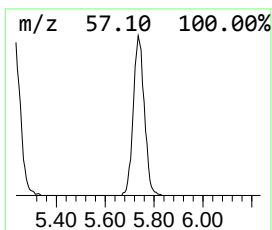
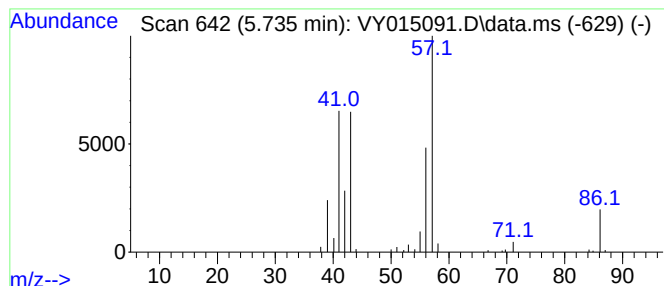
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 3 n-Hexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.735	11.89 ug/l	127748	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	80
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
3			Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	43
4			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38
5			Morpholine	87	C4H9NO	000110-91-8	36



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Instrument :
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ClientSampleId :
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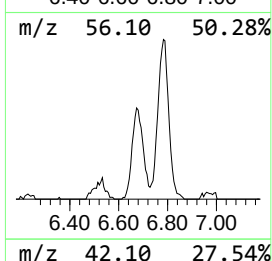
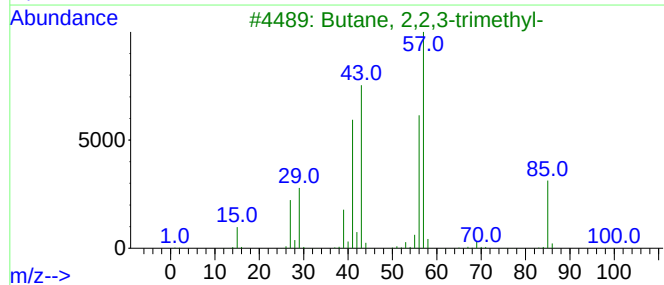
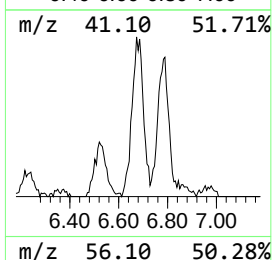
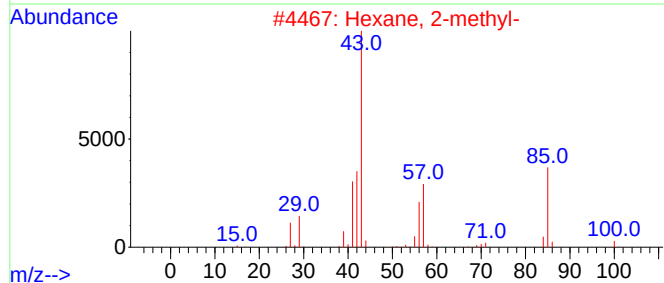
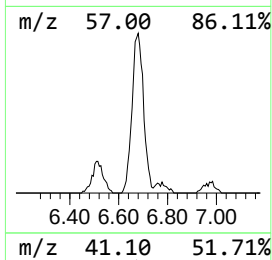
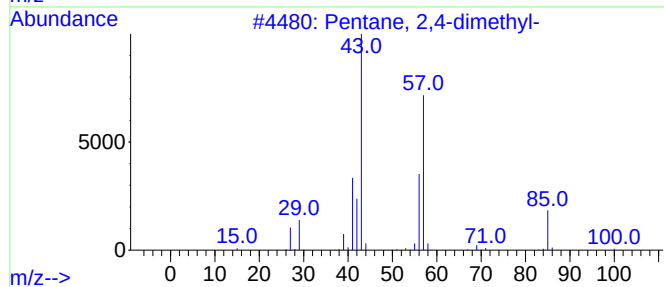
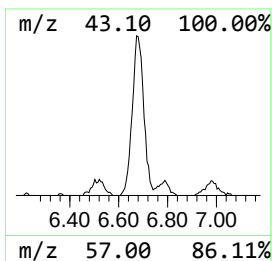
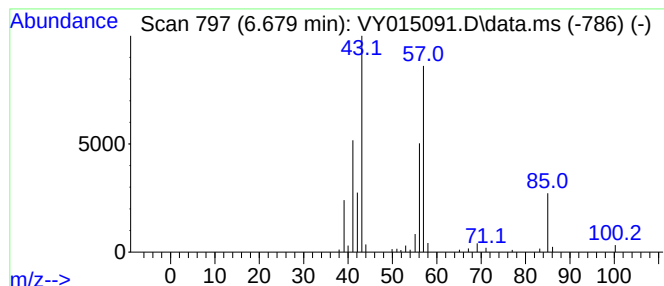
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 4 Pentane, 2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.679	7.20 ug/l	77370	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
2			Hexane, 2-methyl-	100	C7H16	000591-76-4	72
3			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
4			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
5			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59



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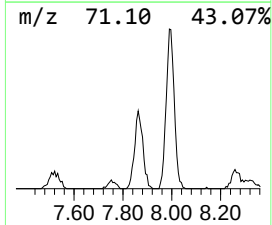
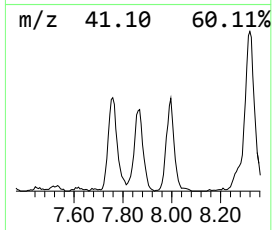
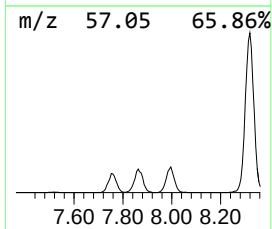
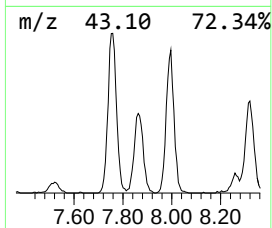
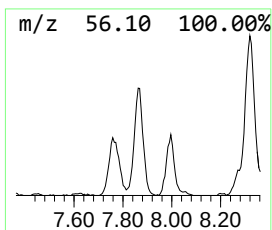
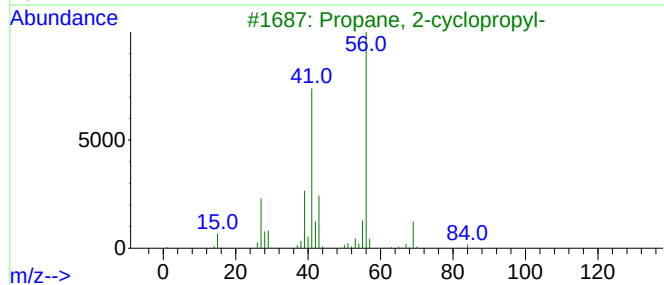
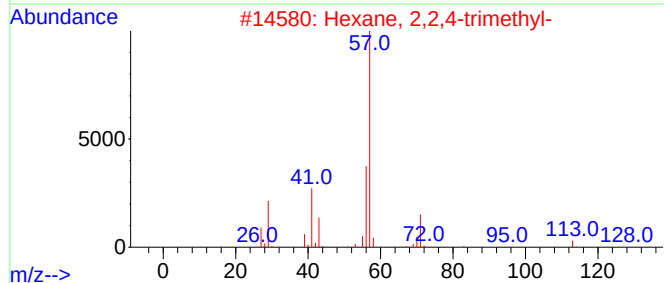
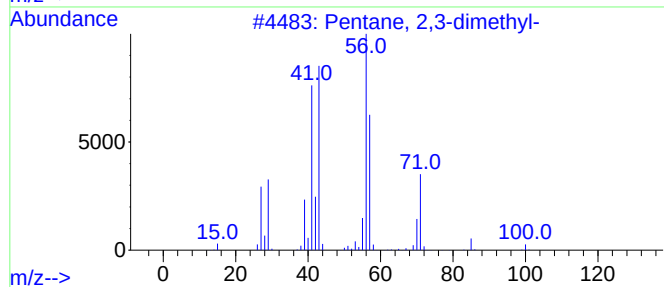
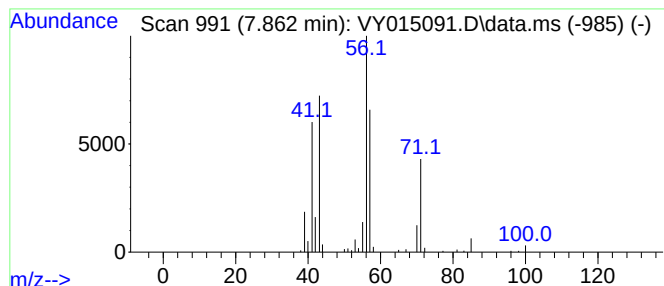
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.862	10.34 ug/l	111136	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	56
3			Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	43
4			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	40
5			Hexane, 3-methyl-	100	C7H16	000589-34-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015091.D
Acq On : 14 Aug 2023 19:57
Operator : SY/MD
Sample : 03903-08
Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

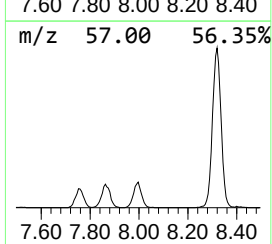
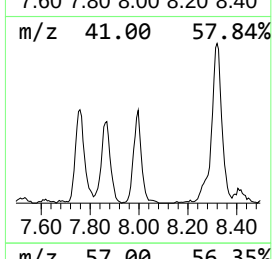
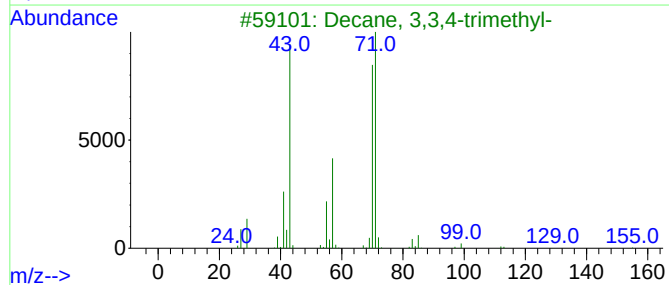
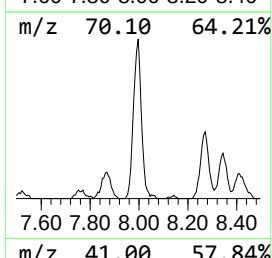
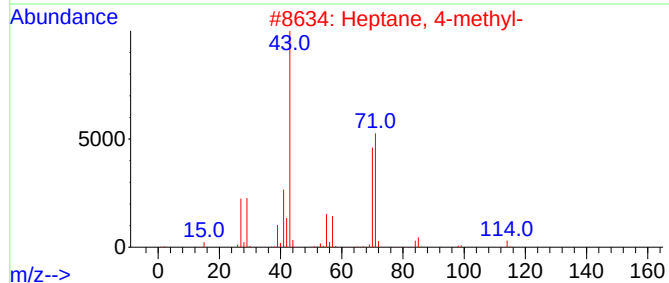
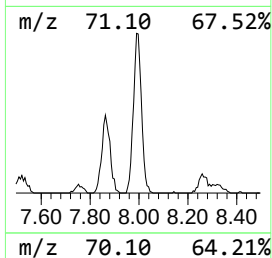
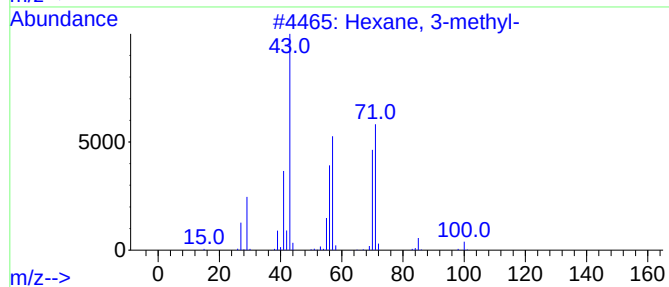
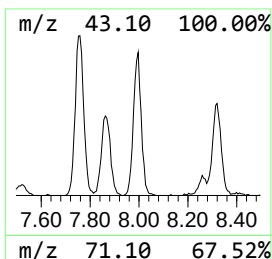
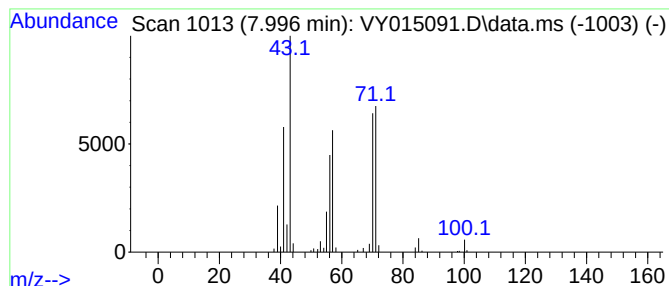
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Quant Title : SW846 8260

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

Peak Number 6 Hexane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.996	12.60 ug/l	135409	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	53
3			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
4			Heptane	100	C7H16	000142-82-5	53
5			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015091.D
Acq On : 14 Aug 2023 19:57
Operator : SY/MD
Sample : 03903-08
Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

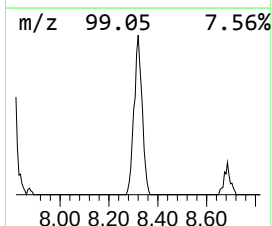
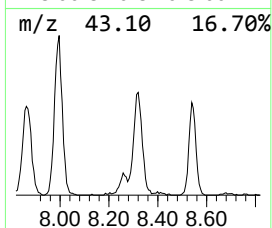
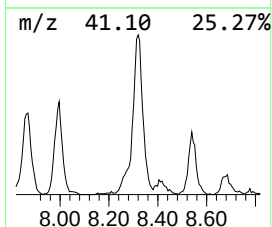
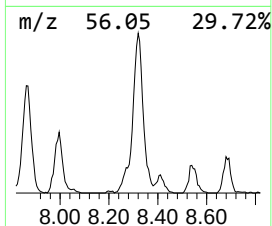
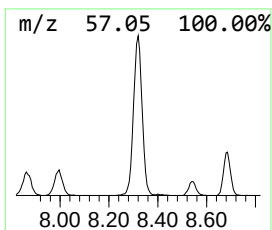
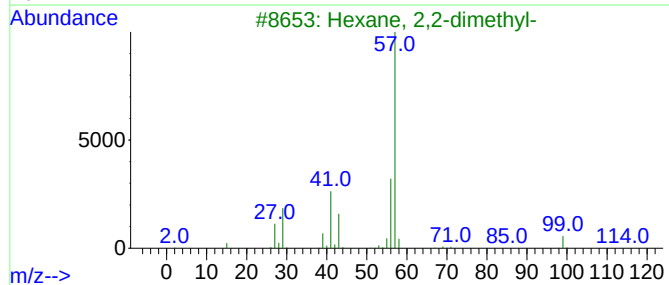
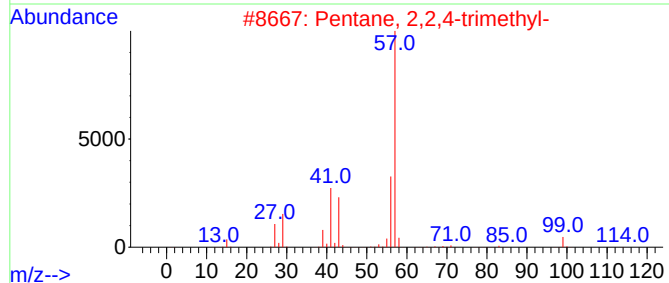
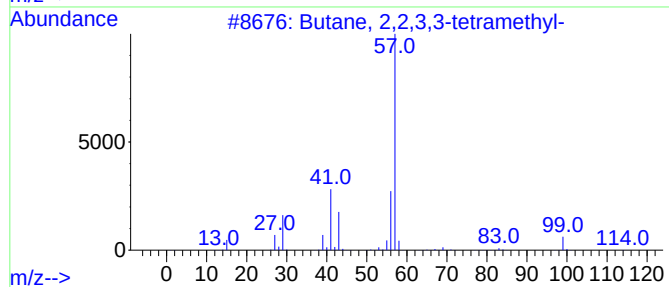
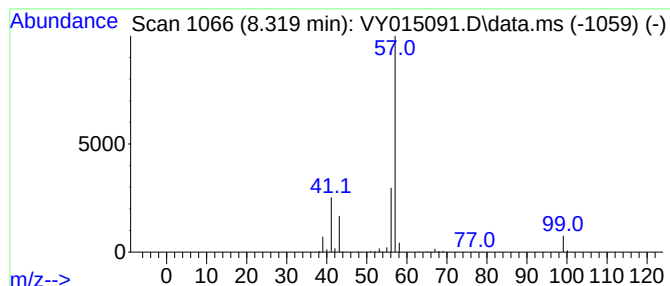
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Quant Title : SW846 8260

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

Peak Number 7 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	21.16 ug/l	256982	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015091.D
Acq On : 14 Aug 2023 19:57
Operator : SY/MD
Sample : 03903-08
Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

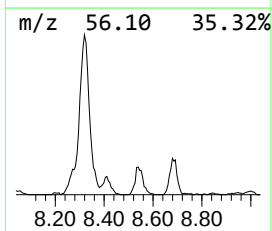
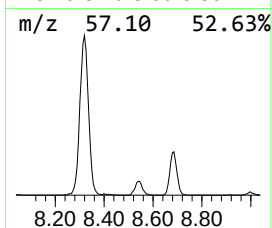
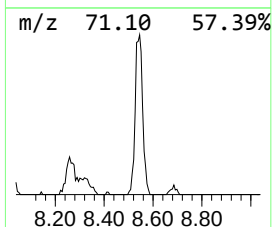
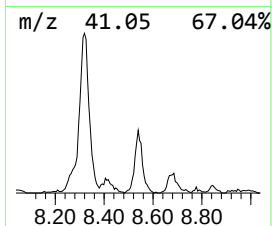
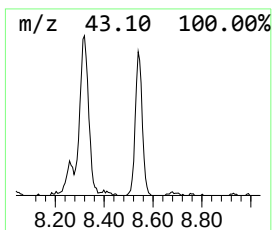
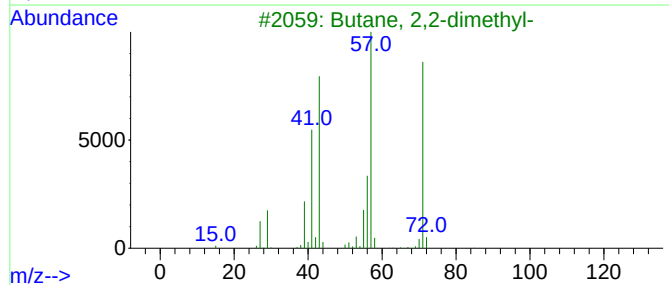
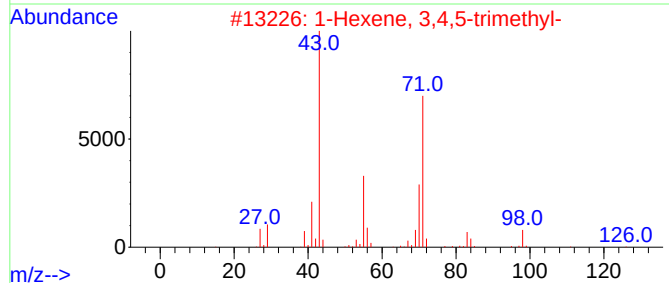
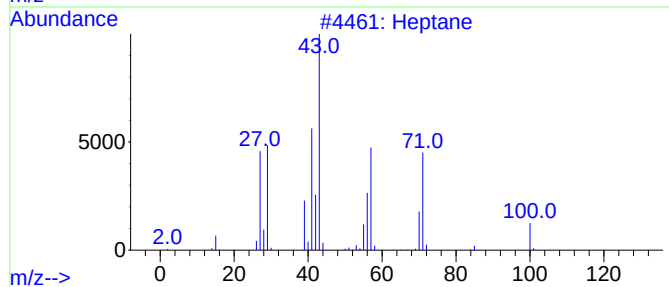
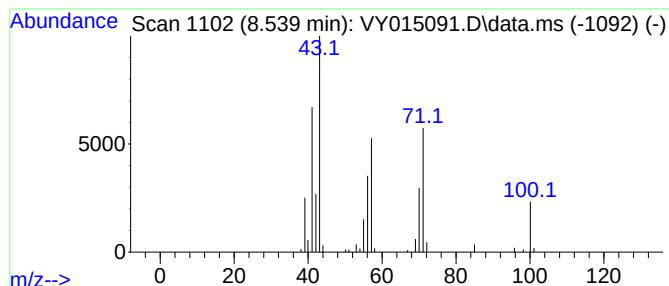
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Quant Title : SW846 8260

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

Peak Number 8 Heptane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	5.95 ug/l	72280	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	78
2			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43
3			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	40
5			Oxirane, butyl-	100	C6H12O	001436-34-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015091.D
Acq On : 14 Aug 2023 19:57
Operator : SY/MD
Sample : 03903-08
Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

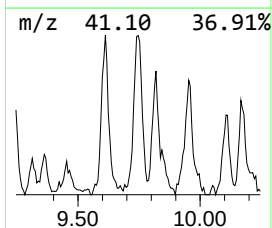
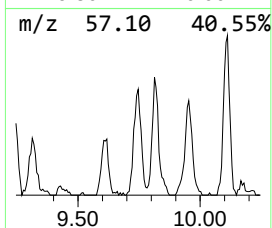
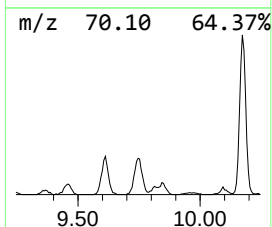
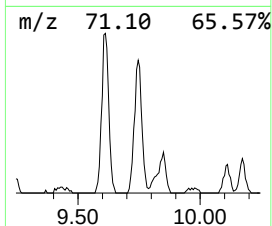
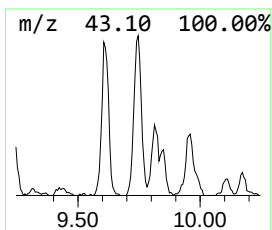
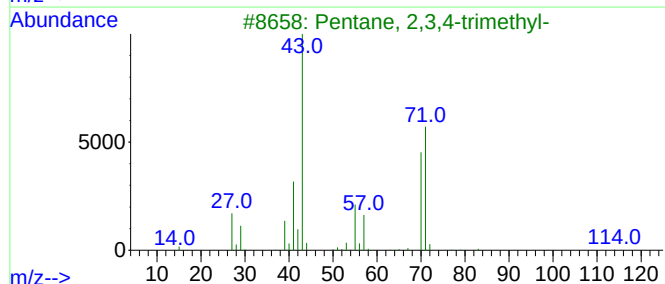
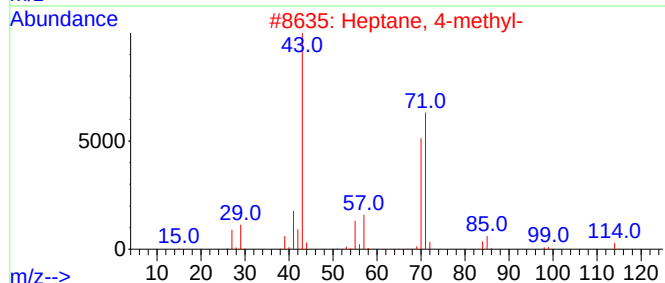
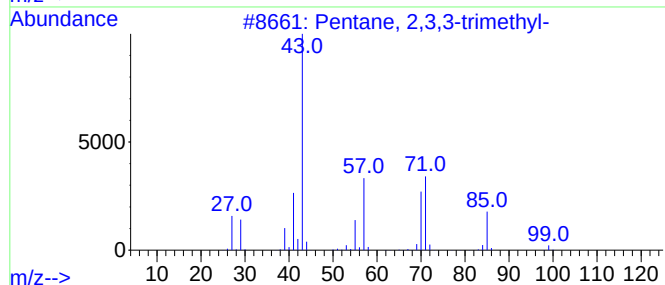
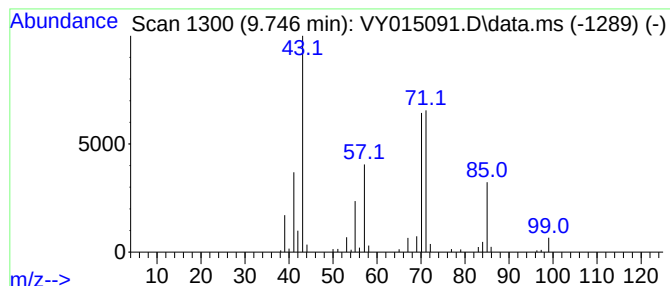
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 9 Pentane, 2,3,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	6.12 ug/l	74372	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	74
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	72
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
4			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	64
5			Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015091.D
Acq On : 14 Aug 2023 19:57
Operator : SY/MD
Sample : 03903-08
Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.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
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Pentane, 3-methyl-	5.222	11.2	ug/l	120403	1	7.783	537153	50.0
n-Hexane	5.735	11.9	ug/l	127748	1	7.783	537153	50.0
Pentane, 2,4-di...	6.679	7.2	ug/l	77370	1	7.783	537153	50.0
Pentane, 2,3-di...	7.862	10.3	ug/l	111136	1	7.783	537153	50.0
Hexane, 3-methyl-	7.996	12.6	ug/l	135409	1	7.783	537153	50.0
Butane, 2,2,3,3...	8.319	21.2	ug/l	256982	2	8.685	607139	50.0
Heptane	8.539	6.0	ug/l	72280	2	8.685	607139	50.0
Pentane, 2,3,3-...	9.746	6.1	ug/l	74372	2	8.685	607139	50.0