

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002308.D
 Acq On : 14 Apr 2020 15:04
 Operator : SY/MD
 Sample : L2230-47
 Misc : 7.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-34

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.865	17	21	34	rVB3	12323	22837	2.67%	0.379%
2	2.078	50	56	63	rVB	31862	42084	4.91%	0.698%
3	2.249	75	84	96	rBV	113201	189757	22.16%	3.145%
4	2.913	183	193	206	rBV	70731	158892	18.56%	2.634%
5	3.261	242	250	261	rBV2	19397	44928	5.25%	0.745%
6	3.956	352	364	378	rBV3	18564	59653	6.97%	0.989%
7	4.718	475	489	495	rBV4	14979	57016	6.66%	0.945%
8	5.254	564	577	587	rBV3	17063	61900	7.23%	1.026%
9	6.705	805	815	822	rBV3	9003	27286	3.19%	0.452%
10	6.803	822	831	841	rVB2	13104	36456	4.26%	0.604%
11	6.998	854	863	875	rVB5	14179	39037	4.56%	0.647%
12	7.535	946	951	959	rVB3	5029	12953	1.51%	0.215%
13	7.730	973	983	988	rBV	106689	253481	29.60%	4.202%
14	7.797	988	994	1002	rVV	189153	436477	50.97%	7.235%
15	7.876	1002	1007	1018	rVB	26220	65328	7.63%	1.083%
16	8.010	1021	1029	1034	rBV3	6943	16122	1.88%	0.267%
17	8.150	1044	1052	1064	rVB	102087	225593	26.35%	3.739%
18	8.333	1064	1082	1092	rVV	165161	440596	51.46%	7.303%
19	8.425	1092	1097	1104	rVB4	8449	17669	2.06%	0.293%
20	8.699	1133	1142	1152	rBV	300728	603925	70.53%	10.010%
21	8.937	1172	1181	1189	rBV7	4870	13853	1.62%	0.230%
22	9.156	1209	1217	1218	rBV3	17775	31247	3.65%	0.518%
23	9.187	1218	1222	1228	rVV4	24939	56011	6.54%	0.928%
24	9.248	1228	1232	1238	rVB2	11639	20961	2.45%	0.347%
25	9.327	1238	1245	1251	rBV	17986	36650	4.28%	0.607%
26	9.467	1258	1268	1276	rVB6	7928	21621	2.53%	0.358%
27	9.619	1285	1293	1304	rVB	109160	210192	24.55%	3.484%
28	9.754	1304	1315	1322	rBV	200905	412782	48.21%	6.842%
29	9.943	1339	1346	1351	rBV3	10370	21007	2.45%	0.348%
30	10.113	1364	1374	1379	rBV2	20417	40026	4.67%	0.663%
31	10.180	1379	1385	1395	rVB	483956	856273	100.00%	14.193%
32	10.345	1407	1412	1423	rVB7	7045	19897	2.32%	0.330%
33	10.528	1437	1442	1447	rVB3	6566	11023	1.29%	0.183%
34	10.619	1450	1457	1464	rBV5	13619	30343	3.54%	0.503%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002308.D
Acq On : 14 Apr 2020 15:04
Operator : SY/MD
Sample : L2230-47
Misc : 7.24G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

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\82Y040820S.M
Title : SW846 8260

35	10.723	1469	1474	1479	rVB3	10619	17602	2.06%	0.292%
36	11.095	1529	1535	1540	rVB4	8691	15449	1.80%	0.256%
37	11.491	1593	1600	1610	rBV	376228	612378	71.52%	10.150%
38	11.741	1638	1641	1651	rVB6	4662	10150	1.19%	0.168%
39	12.485	1756	1763	1771	rVB	235001	367703	42.94%	6.095%
40	12.808	1808	1816	1826	rVB3	10785	20515	2.40%	0.340%
41	13.430	1911	1918	1926	rVB	248612	383542	44.79%	6.357%
42	14.765	2129	2137	2144	rVB2	6457	11807	1.38%	0.196%

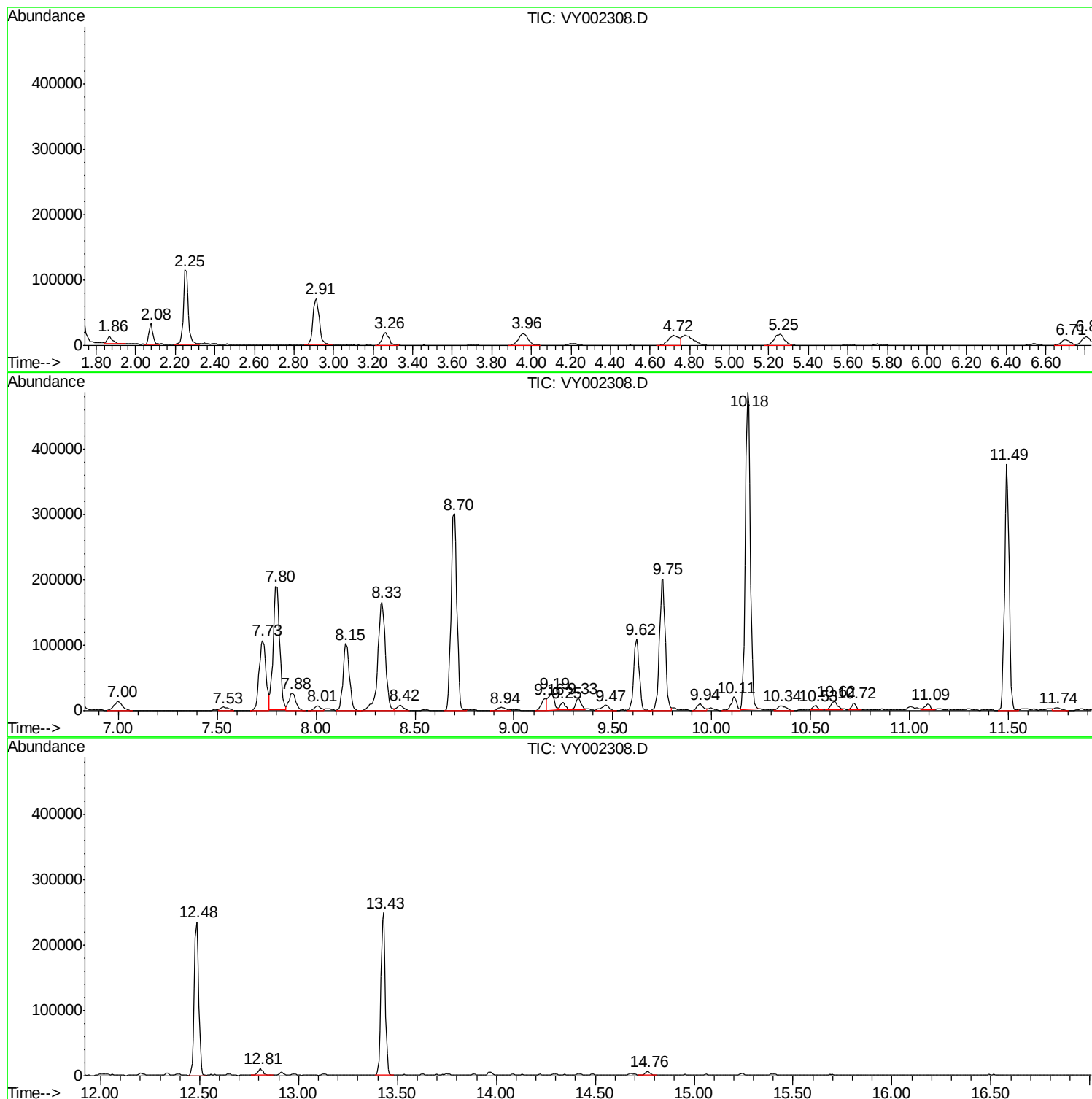
Sum of corrected areas: 6033022

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002308.D
Acq On : 14 Apr 2020 15:04
Operator : SY/MD
Sample : L2230-47
Misc : 7.24G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002308.D
Acq On : 14 Apr 2020 15:04
Operator : SY/MD
Sample : L2230-47
Misc : 7.24G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

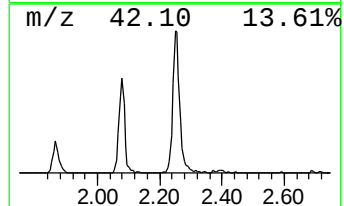
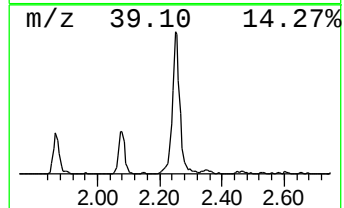
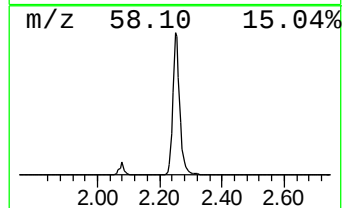
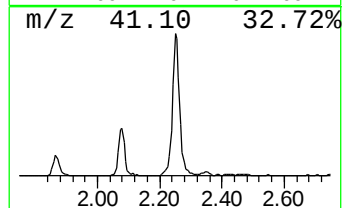
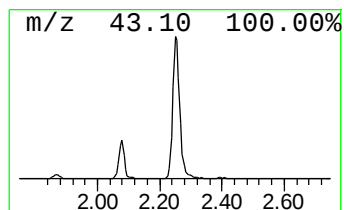
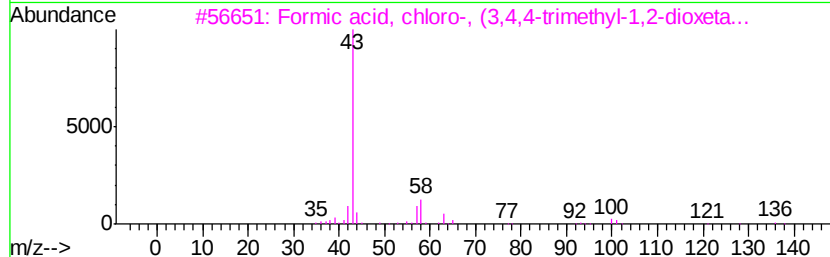
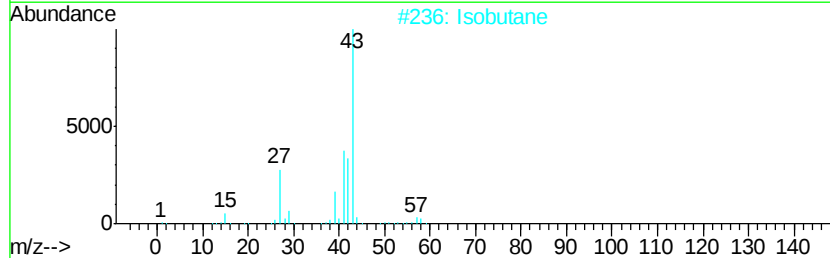
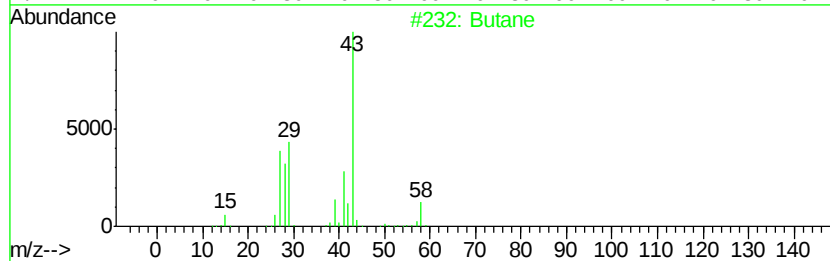
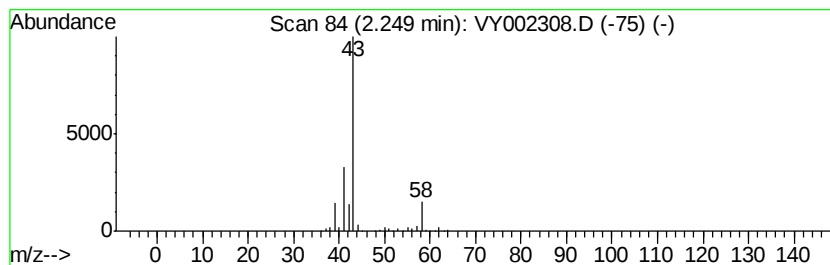
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	21.74 ug/l	189757	Pentafluorobenzene	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane	58	C4H10	000106-97-8	80
2		Isobutane	58	C4H10	000075-28-5	9
3		Formic acid, chloro-, (3,4,4-tri...	194	C7H11ClO4	107323-92-2	9
4		Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
5		Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002308.D
Acq On : 14 Apr 2020 15:04
Operator : SY/MD
Sample : L2230-47
Misc : 7.24G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

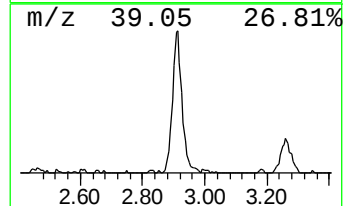
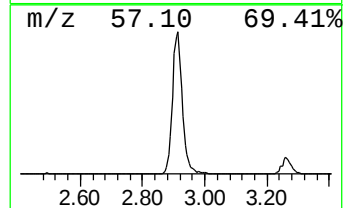
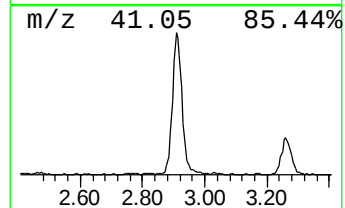
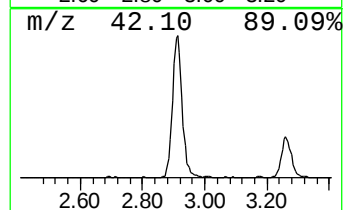
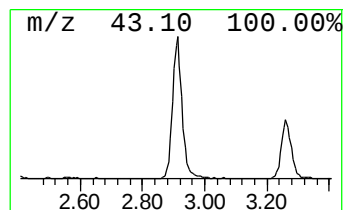
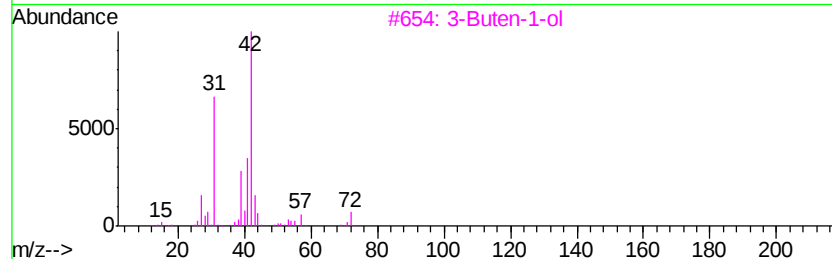
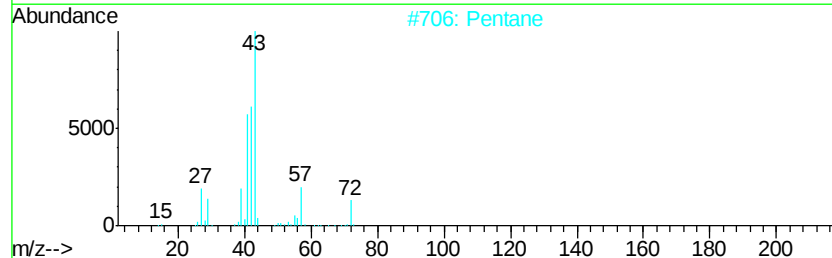
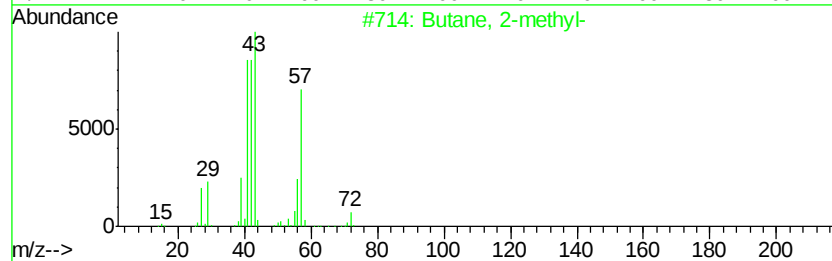
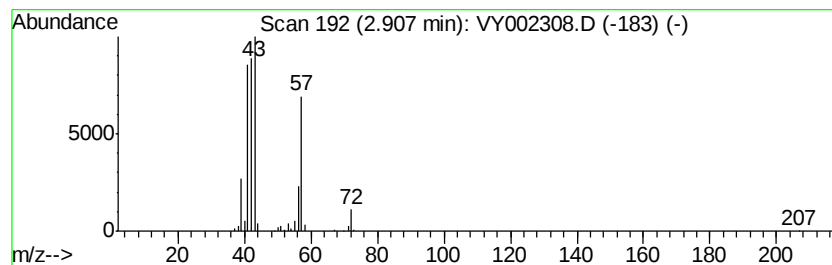
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	18.20 ug/l	158892	Pentafluorobenzene	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2		Pentane	72	C5H12	000109-66-0	56
3		3-Buten-1-ol	72	C4H8O	000627-27-0	28
4		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	17
5		2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	12



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002308.D
Acq On : 14 Apr 2020 15:04
Operator : SY/MD
Sample : L2230-47
Misc : 7.24G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

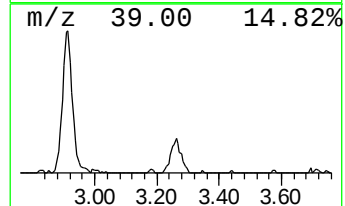
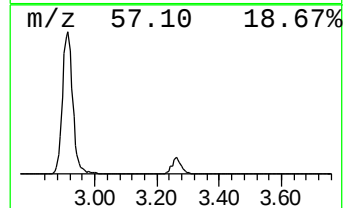
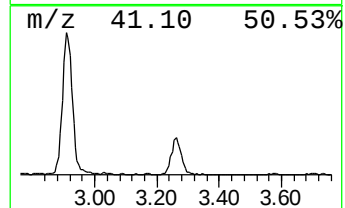
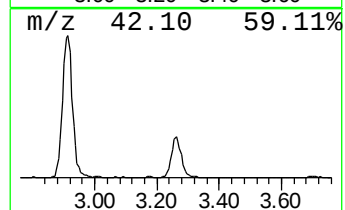
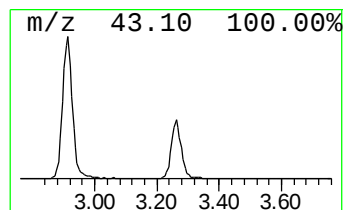
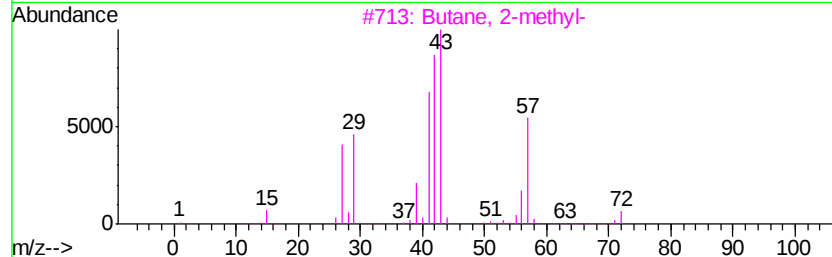
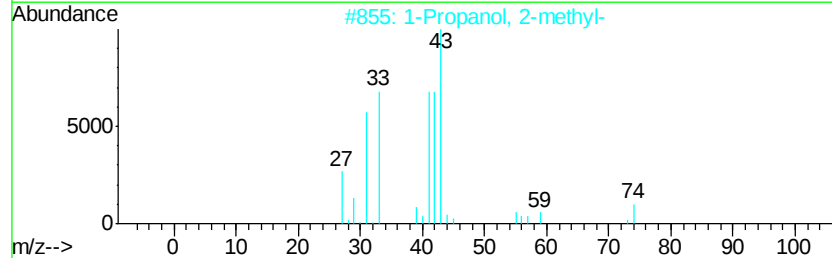
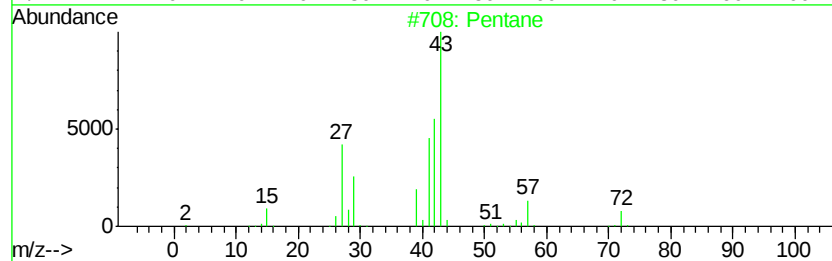
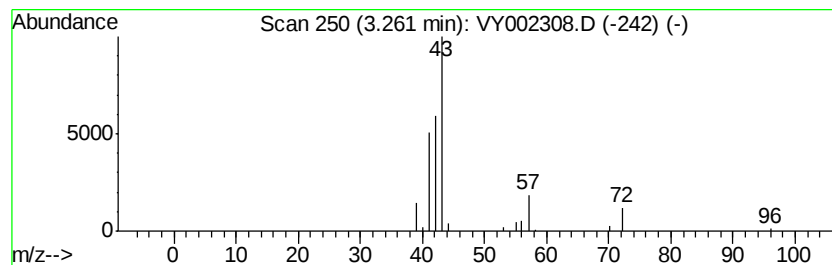
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	5.15 ug/l	44928	Pentafluorobenzene	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane		72	C5H12	000109-66-0	90
2	1-Propanol, 2-methyl-		74	C4H10O	000078-83-1	39
3	Butane, 2-methyl-		72	C5H12	000078-78-4	39
4	Butane, 2,3-dimethyl-		86	C6H14	000079-29-8	36
5	Oxirane, ethyl-		72	C4H8O	000106-88-7	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002308.D
Acq On : 14 Apr 2020 15:04
Operator : SY/MD
Sample : L2230-47
Misc : 7.24G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

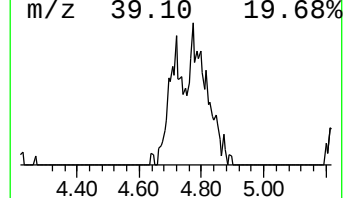
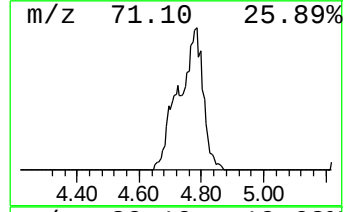
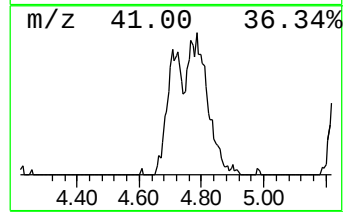
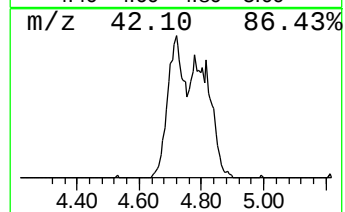
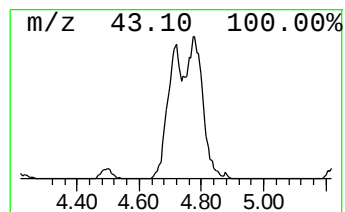
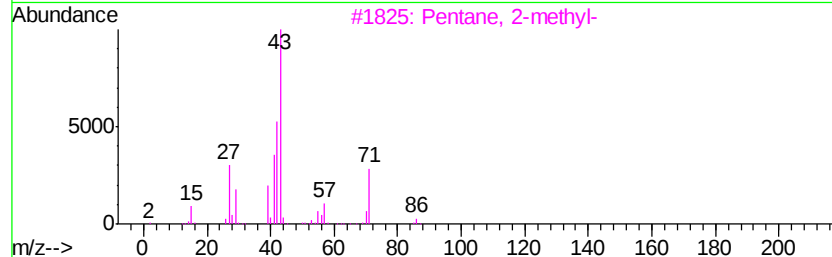
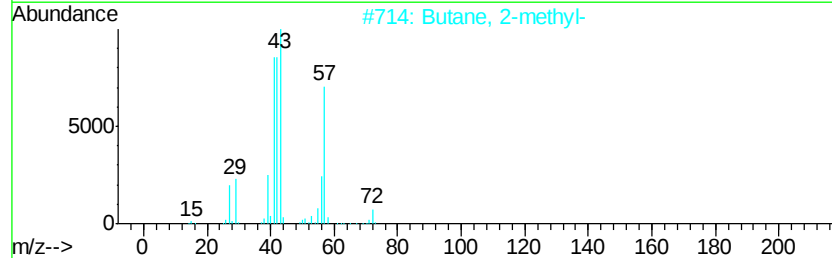
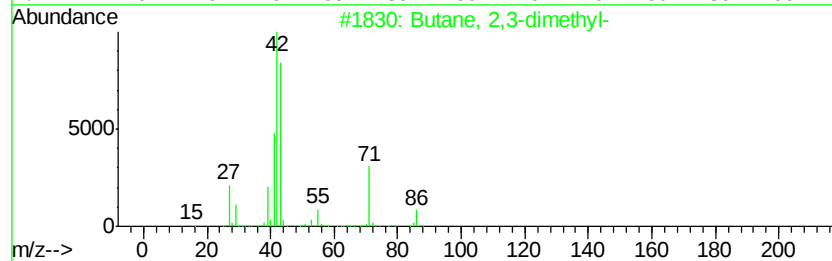
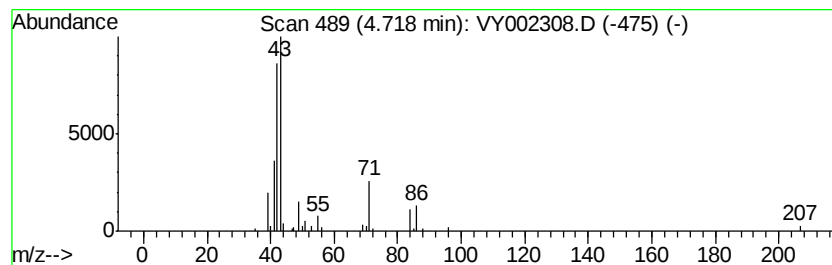
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	6.53 ug/l	57016	Pentafluorobenzene	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	62
2		Butane, 2-methyl-	72	C5H12	000078-78-4	28
3		Pentane, 2-methyl-	86	C6H14	000107-83-5	23
4		Propenoic acid, 2-trifluoroacetyl...	183	C5H4F3NO3	000675-00-3	10
5		4-Penten-2-one	84	C5H8O	013891-87-7	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002308.D
Acq On : 14 Apr 2020 15:04
Operator : SY/MD
Sample : L2230-47
Misc : 7.24G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

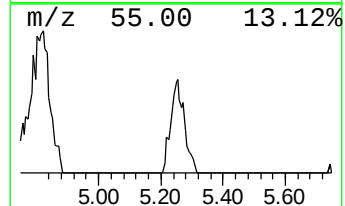
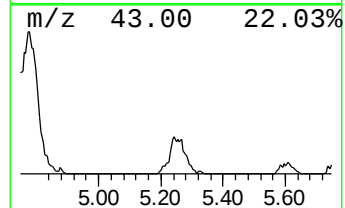
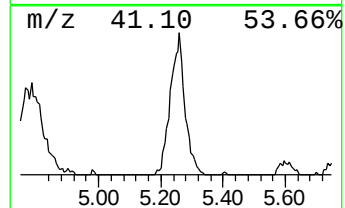
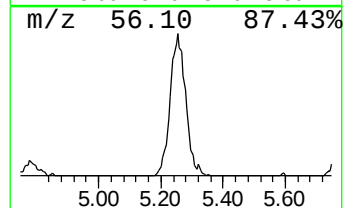
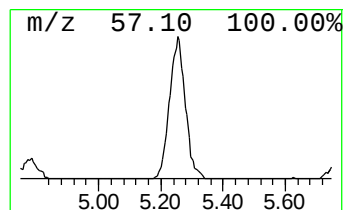
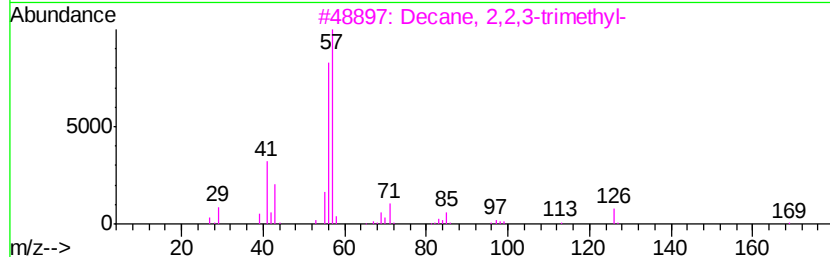
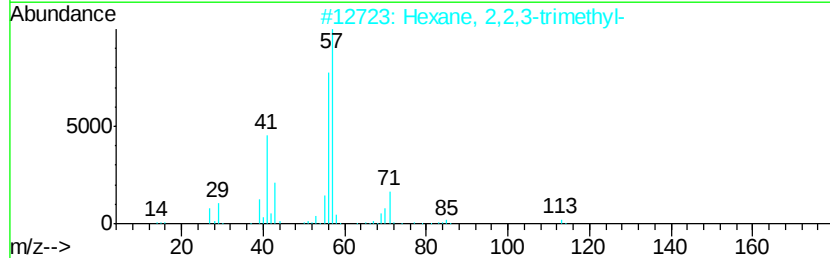
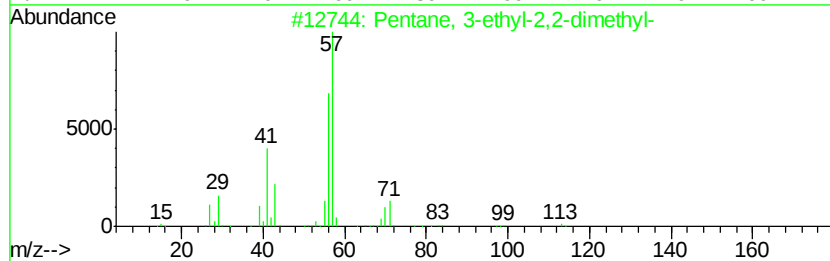
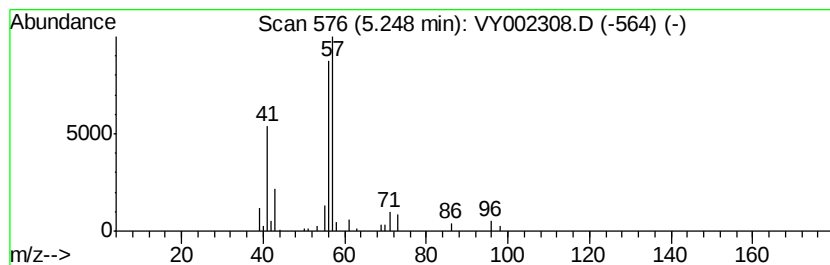
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentane, 3-ethyl-2,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	7.09 ug/l	61900	Pentafluorobenzene	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
2		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	50
3		Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	50
4		Pentane, 3-methyl-	86	C6H14	000096-14-0	50
5		Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002308.D
Acq On : 14 Apr 2020 15:04
Operator : SY/MD
Sample : L2230-47
Misc : 7.24G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

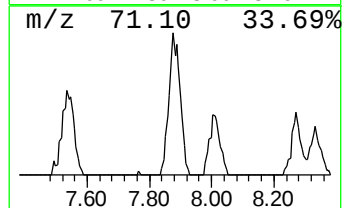
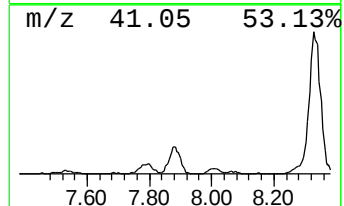
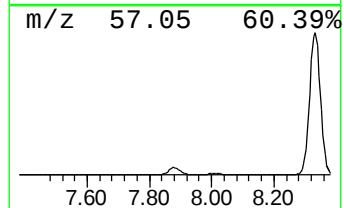
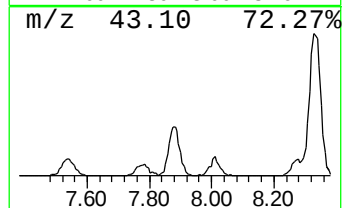
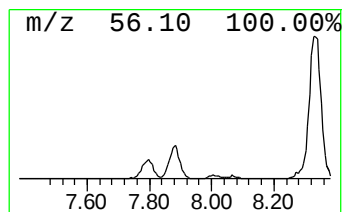
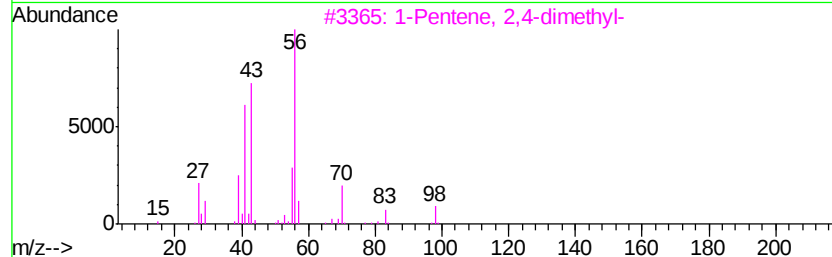
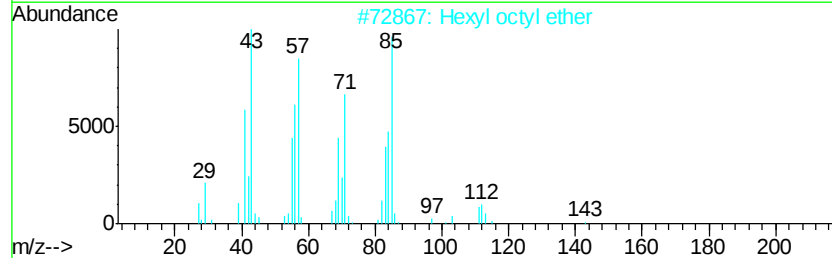
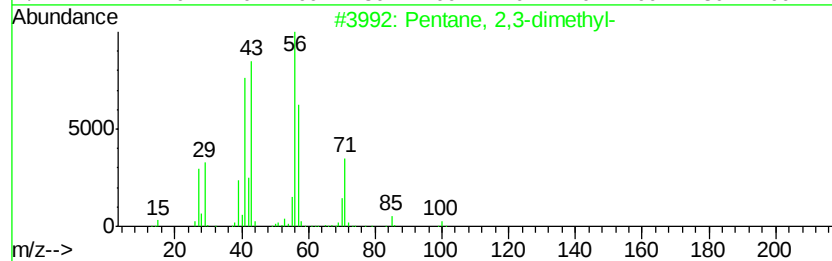
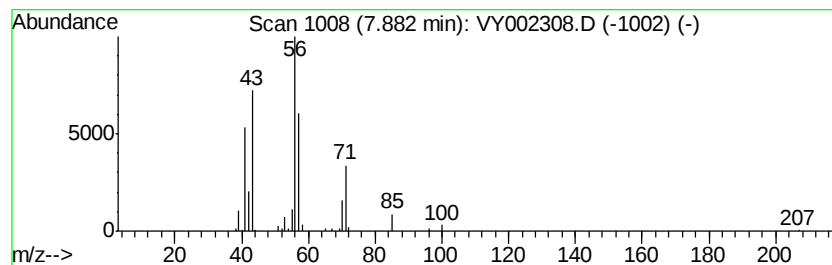
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	7.48 ug/l	65328	Pentafluorobenzene	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
2		Hexyl octyl ether	214	C14H30O	017071-54-4	53
3		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	50
4		Heptane	100	C7H16	000142-82-5	47
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002308.D
Acq On : 14 Apr 2020 15:04
Operator : SY/MD
Sample : L2230-47
Misc : 7.24G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

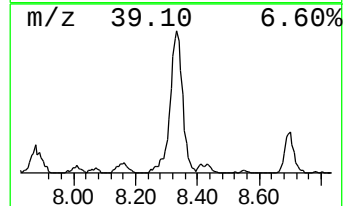
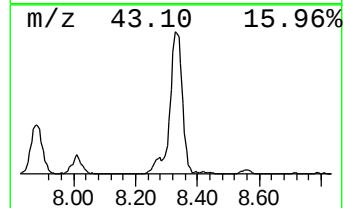
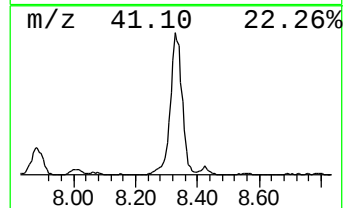
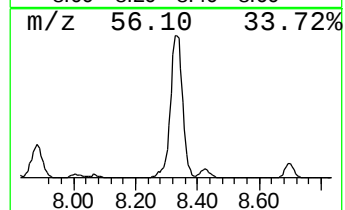
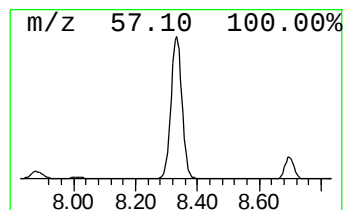
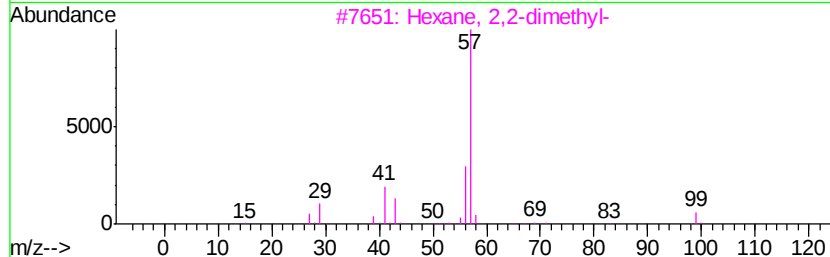
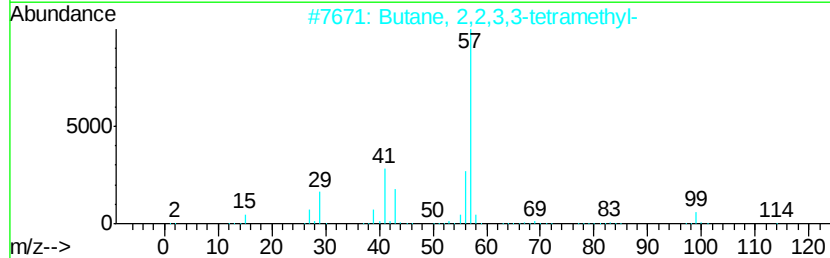
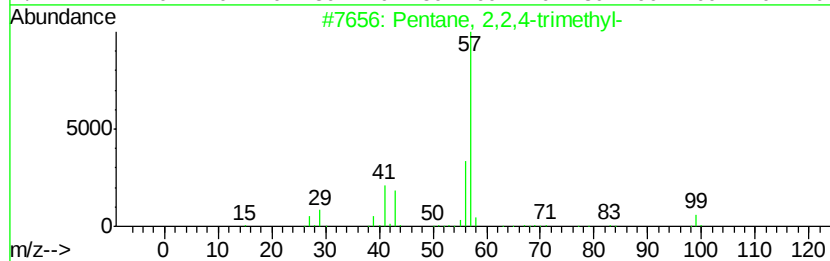
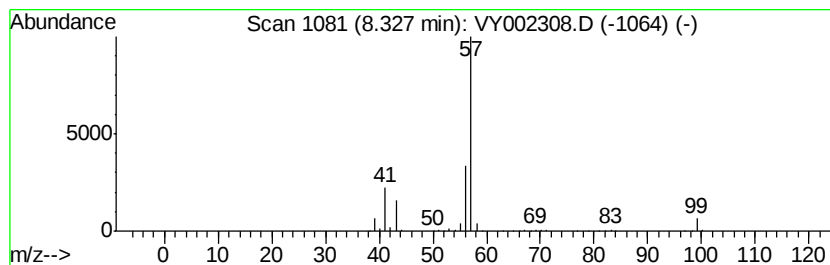
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentane, 2,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	36.48 ug/l	440596	1,4-Difluorobenzene	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
2		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
3		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
4		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	78
5		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002308.D
 Acq On : 14 Apr 2020 15:04
 Operator : SY/MD
 Sample : L2230-47
 Misc : 7.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-34

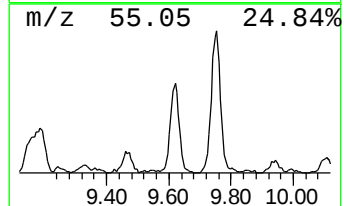
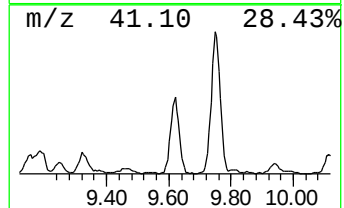
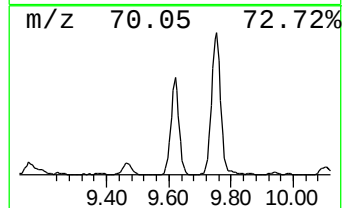
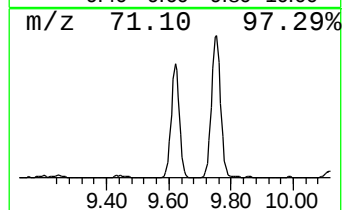
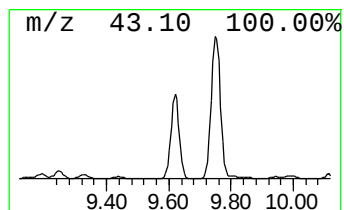
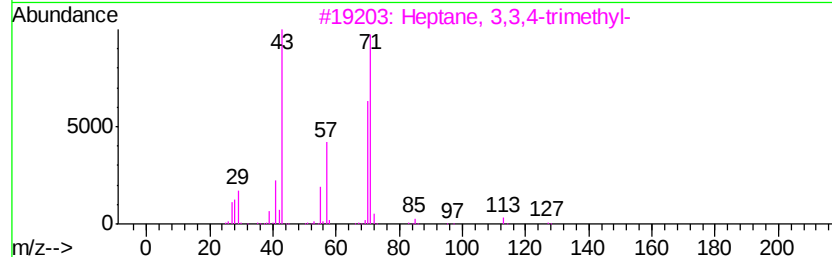
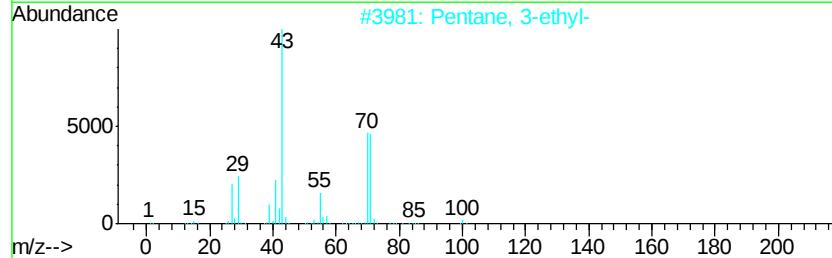
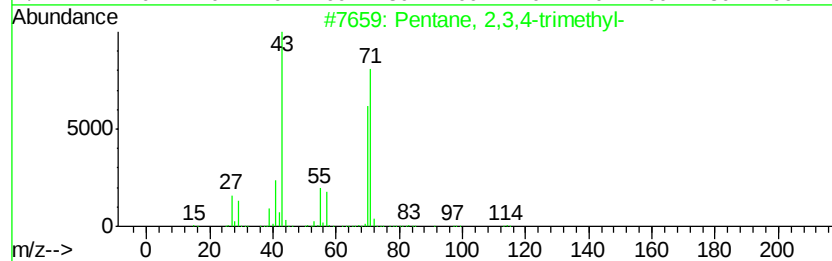
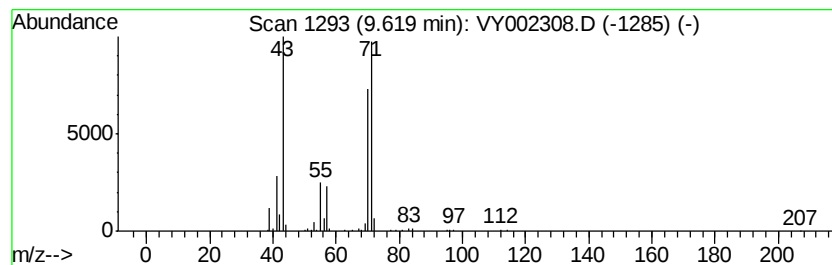
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 8 Pentane, 2,3,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	17.40 ug/l	210192	1,4-Difluorobenzene	8.70

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	83
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	83
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002308.D
Acq On : 14 Apr 2020 15:04
Operator : SY/MD
Sample : L2230-47
Misc : 7.24G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

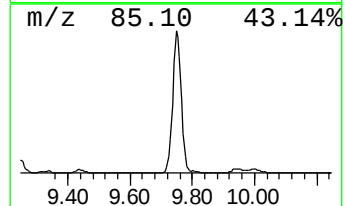
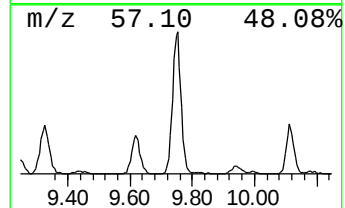
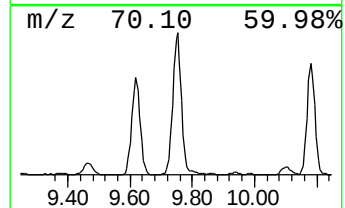
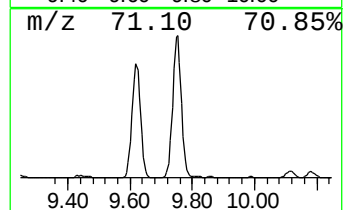
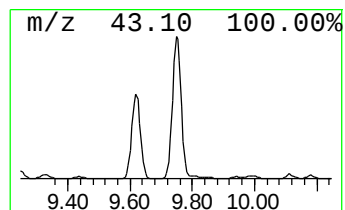
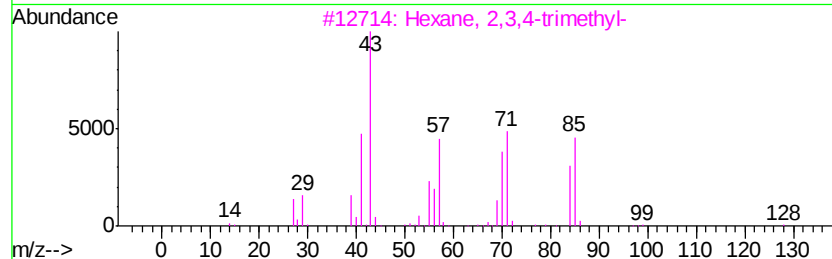
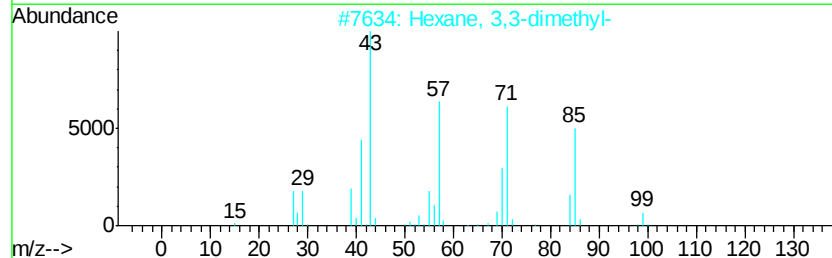
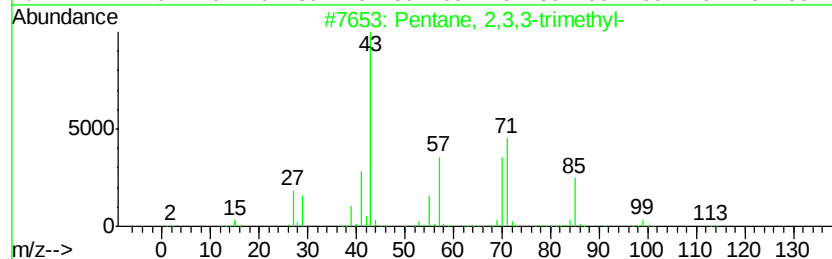
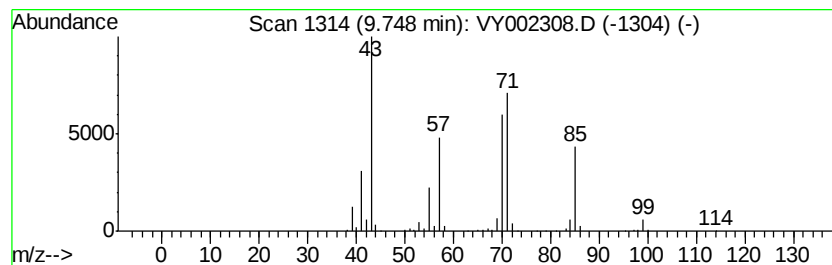
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	34.17 ug/l	412782	1,4-Difluorobenzene	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
3		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	53
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041420\
Data File : VY002308.D
Acq On : 14 Apr 2020 15:04
Operator : SY/MD
Sample : L2230-47
Misc : 7.24G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane	2.25	21.7	ug/l	189757	1	7.80	436477	50.0
Butane, 2-methyl-	2.91	18.2	ug/l	158892	1	7.80	436477	50.0
Pentane	3.26	5.2	ug/l	44928	1	7.80	436477	50.0
Butane, 2,3-dimet...	4.72	6.5	ug/l	57016	1	7.80	436477	50.0
Pentane, 3-ethyl-...	5.25	7.1	ug/l	61900	1	7.80	436477	50.0
Pentane, 2,3-dime...	7.88	7.5	ug/l	65328	1	7.80	436477	50.0
Pentane, 2,2,4-tr...	8.33	36.5	ug/l	440596	2	8.70	603925	50.0
Pentane, 2,3,4-tr...	9.62	17.4	ug/l	210192	2	8.70	603925	50.0
Pentane, 2,3,3-tr...	9.75	34.2	ug/l	412782	2	8.70	603925	50.0