

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007189.D
 Acq On : 17 Jan 2022 16:01
 Operator : SY/MD
 Sample : N1145-05
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A3-5-8.5

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\82Y011322S.M
 Title : SW846 8260

Signal : TIC: VY007189.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.077	33	42	50	rBV2	6628	14332	1.68%	0.227%
2	2.217	59	65	79	rBV	46852	92365	10.82%	1.462%
3	2.345	81	86	90	rBV	10197	18144	2.12%	0.287%
4	2.906	170	178	199	rBV	75674	194670	22.80%	3.082%
5	3.948	337	349	376	rBV	47008	166081	19.45%	2.629%
6	4.704	458	473	500	rBV3	59147	249807	29.26%	3.954%
7	4.954	500	514	535	rBV	148133	570016	66.76%	9.023%
8	5.235	548	560	577	rVB4	21329	84780	9.93%	1.342%
9	6.119	690	705	725	rBV2	73257	243075	28.47%	3.848%
10	6.692	788	799	809	rBV3	6542	23265	2.72%	0.368%
11	6.801	809	817	826	rVB5	2911	8635	1.01%	0.137%
12	6.990	838	848	860	rBV3	4329	13148	1.54%	0.208%
13	7.716	957	967	973	rBV	95007	228852	26.80%	3.623%
14	7.789	973	979	987	rVV	156637	361207	42.30%	5.718%
15	7.874	987	993	1004	rVB2	14511	36410	4.26%	0.576%
16	8.143	1028	1037	1045	rBV	96078	213233	24.97%	3.375%
17	8.240	1045	1053	1063	rVV3	53766	130075	15.23%	2.059%
18	8.338	1063	1069	1077	rVB4	5956	17550	2.06%	0.278%
19	8.691	1118	1127	1139	rBV	251480	496927	58.20%	7.866%
20	9.746	1291	1300	1307	rVV4	4041	9259	1.08%	0.147%
21	9.941	1326	1332	1335	rBV2	9329	17159	2.01%	0.272%
22	9.978	1335	1338	1344	rVB4	6377	11236	1.32%	0.178%
23	10.179	1364	1371	1379	rBV	395153	679719	79.61%	10.760%
24	10.295	1386	1390	1396	rVB2	7480	12644	1.48%	0.200%
25	10.386	1399	1405	1412	rVB4	4073	8859	1.04%	0.140%
26	10.880	1481	1486	1492	rVB2	12489	21918	2.57%	0.347%
27	11.374	1558	1567	1579	rVB3	10757	26348	3.09%	0.417%
28	11.490	1579	1586	1597	rBV	387258	639973	74.95%	10.131%
29	11.599	1597	1604	1613	rVB6	5916	14577	1.71%	0.231%
30	11.703	1613	1621	1632	rBV5	13378	33902	3.97%	0.537%
31	12.026	1664	1674	1679	rVV6	5729	14553	1.70%	0.230%
32	12.117	1682	1689	1694	rBV5	6806	14380	1.68%	0.228%
33	12.386	1725	1733	1736	rBV2	5945	12654	1.48%	0.200%
34	12.489	1742	1750	1759	rVB2	470184	853861	100.00%	13.517%
35	12.593	1759	1767	1772	rBV4	9194	19287	2.26%	0.305%
36	12.648	1772	1776	1784	rVB3	5556	12865	1.51%	0.204%

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Stop Thrs : 0

Peak Location: TOP

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37	12.733	1784	1790	1793	rBV4	7880	12698	1.49%	0.201%
38	12.812	1799	1803	1808	rVB3	13015	20832	2.44%	0.330%
39	13.044	1837	1841	1847	rVB4	7006	11482	1.34%	0.182%
40	13.123	1847	1854	1858	rVB	16057	26242	3.07%	0.415%
41	13.428	1897	1904	1918	rVB	352596	551398	64.58%	8.729%
42	13.666	1940	1943	1951	rVB5	6366	13315	1.56%	0.211%
43	13.751	1951	1957	1962	rBV4	7025	12977	1.52%	0.205%
44	13.971	1987	1993	2000	rVB2	18922	32745	3.83%	0.518%
45	14.300	2039	2047	2050	rVV4	5507	11574	1.36%	0.183%
46	14.337	2050	2053	2057	rVV	6802	9702	1.14%	0.154%
47	14.416	2063	2066	2072	rVB4	7170	10733	1.26%	0.170%
48	14.684	2104	2110	2115	rBV6	6824	15165	1.78%	0.240%
49	15.239	2192	2201	2207	rBV	8278	13534	1.59%	0.214%
50	16.300	2368	2375	2380	rVB2	4105	8965	1.05%	0.142%

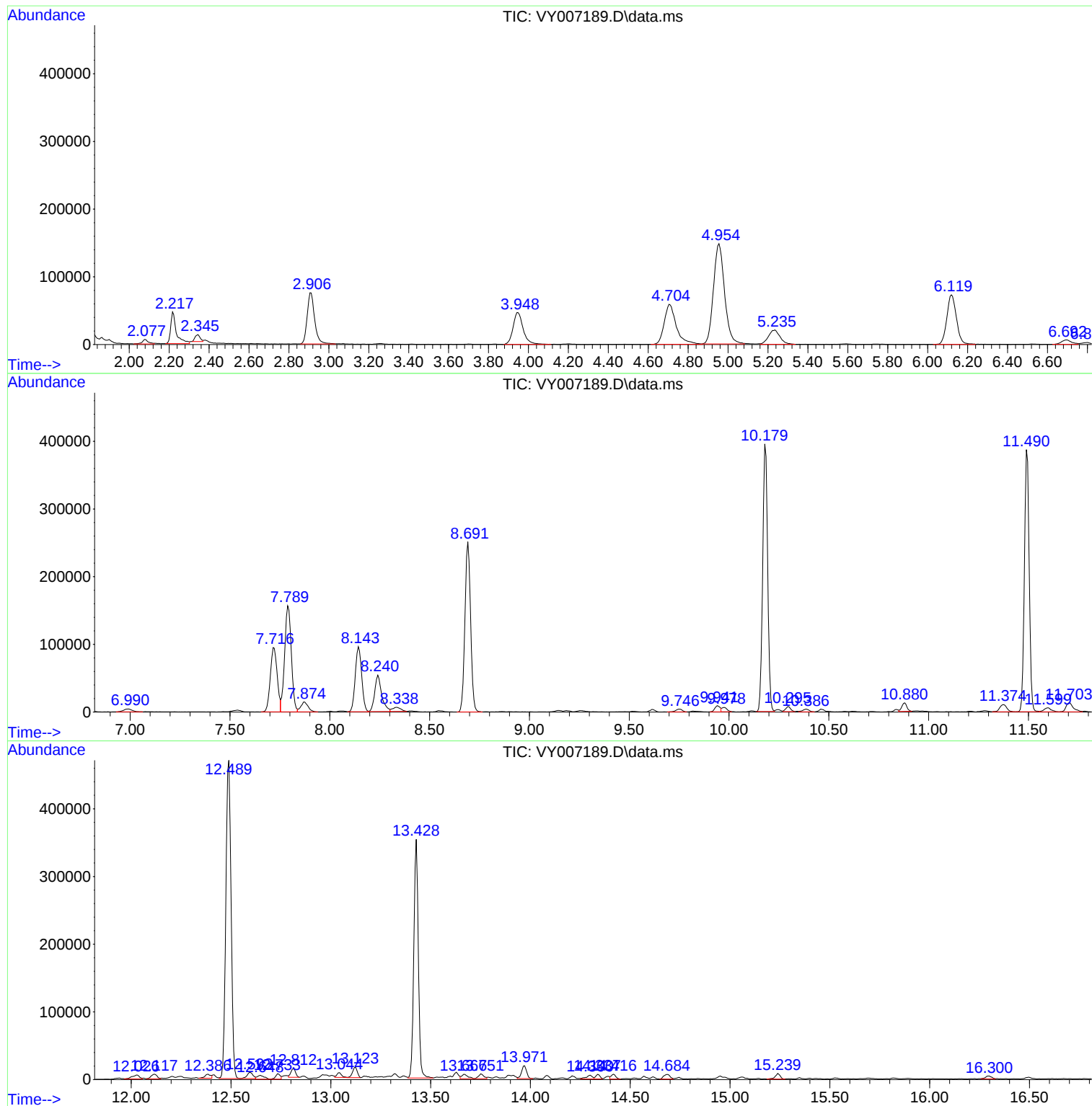
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
A3-5-8.5

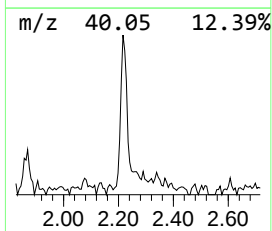
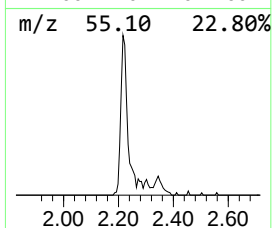
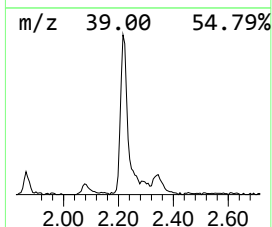
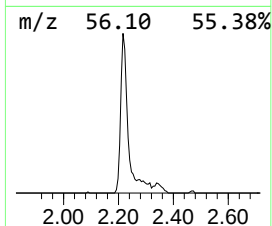
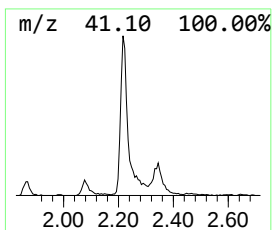
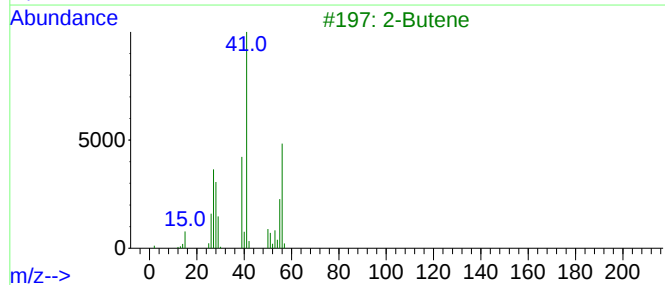
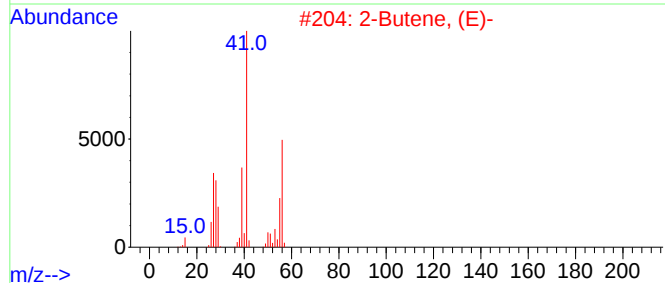
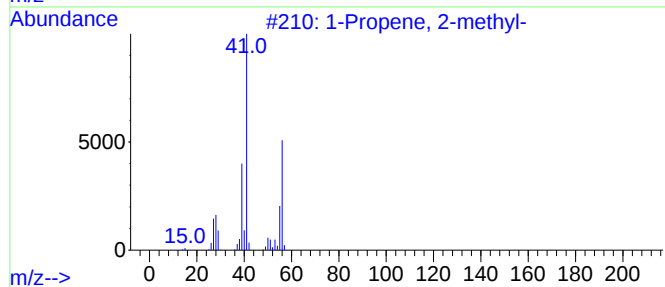
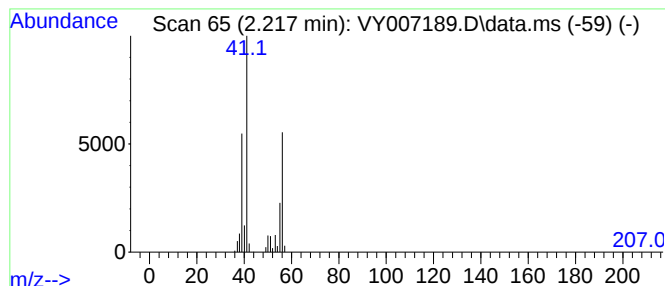
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.217	12.79 ug/l	92365	Pentafluorobenzene	7.795

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2		2-Butene, (E)-	56	C4H8	000624-64-6	80
3		2-Butene	56	C4H8	000107-01-7	64
4		1-Butene	56	C4H8	000106-98-9	52
5		2-Butene, (Z)-	56	C4H8	000590-18-1	49



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Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-5-8.5

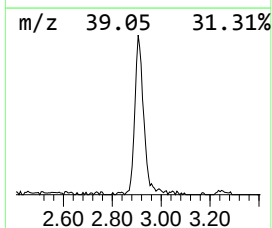
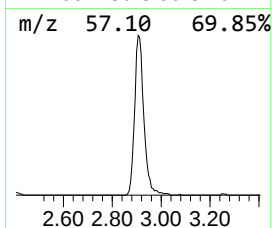
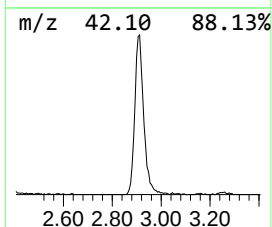
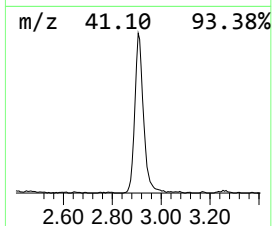
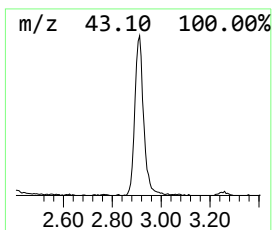
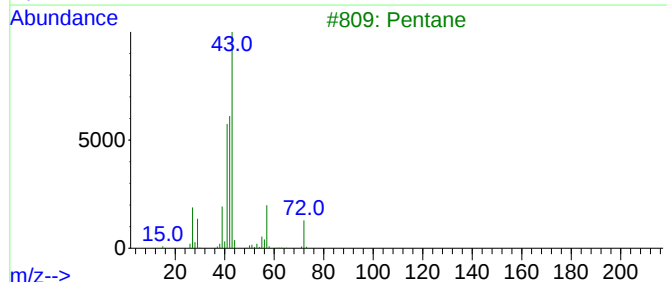
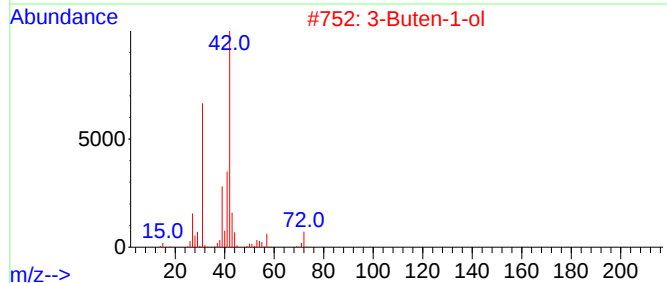
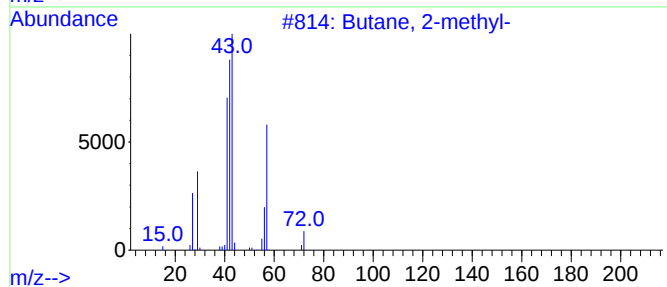
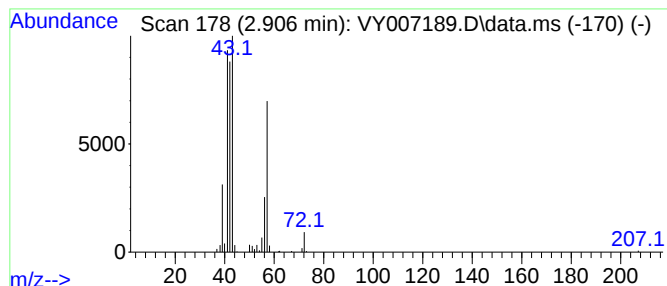
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.906	26.95 ug/l	194670	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	90
2			3-Buten-1-ol	72	C4H8O	000627-27-0	47
3			Pentane	72	C5H12	000109-66-0	33
4			1-Butene	56	C4H8	000106-98-9	10
5			2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-5-8.5

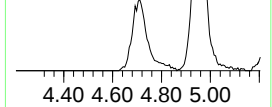
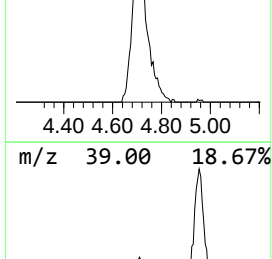
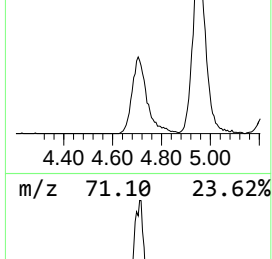
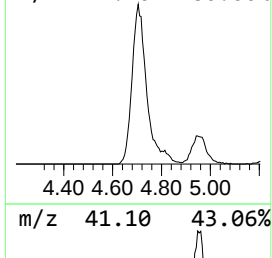
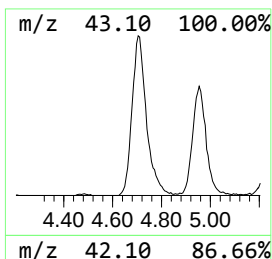
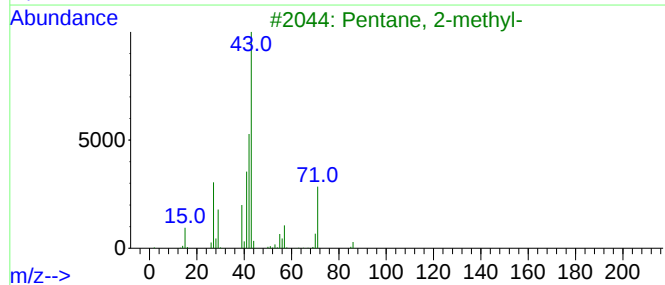
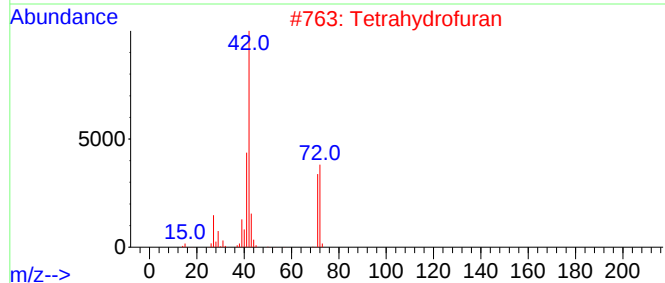
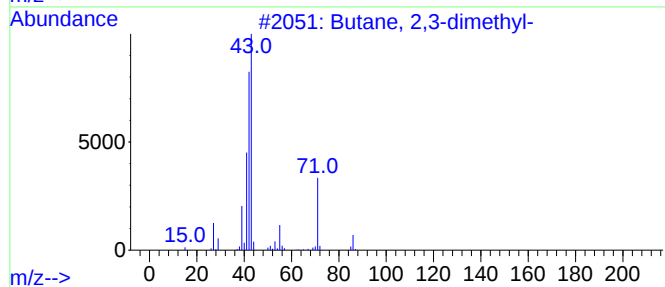
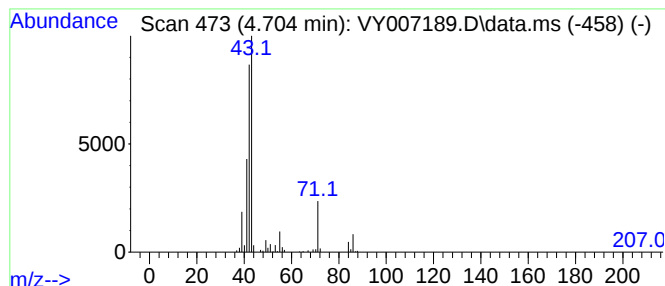
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.704	34.58 ug/l	249807	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2			Tetrahydrofuran	72	C4H8O	000109-99-9	36
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	25
4			Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	9
5			Pentane, 2-bromo-	150	C5H11Br	000107-81-3	9



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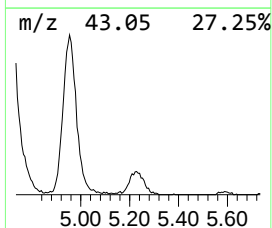
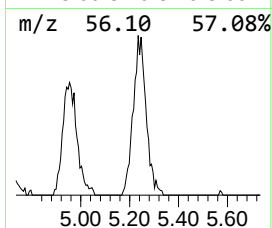
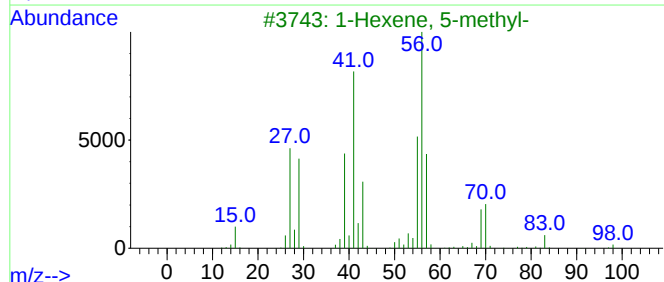
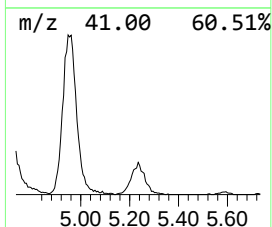
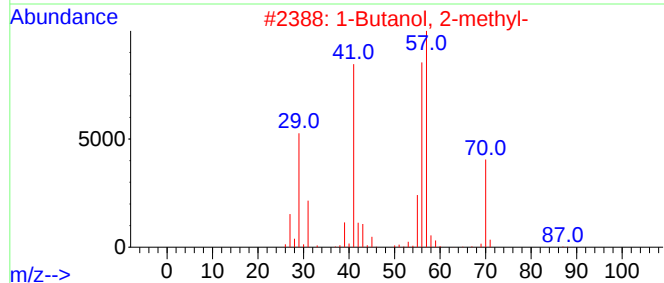
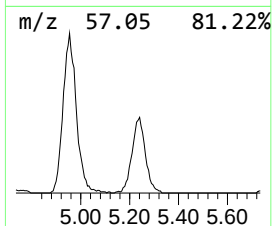
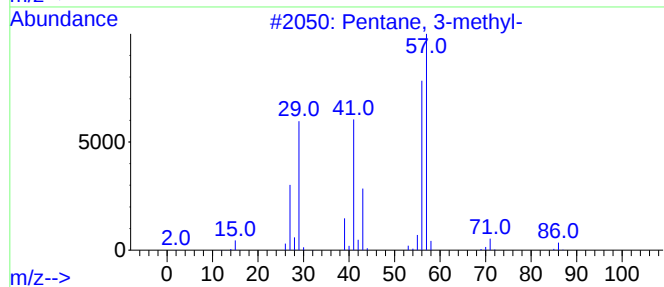
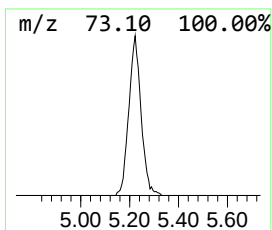
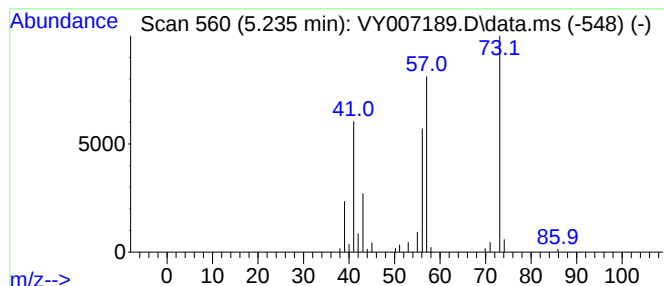
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Quant Title : SW846 8260

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

Peak Number 4 unknown5.235 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.235	11.74 ug/l	84780	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	33
2			1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	33
3			1-Hexene, 5-methyl-	98	C7H14	003524-73-0	23
4			Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	17
5			1-Hexene	84	C6H12	000592-41-6	17



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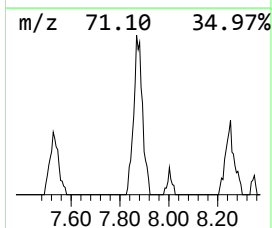
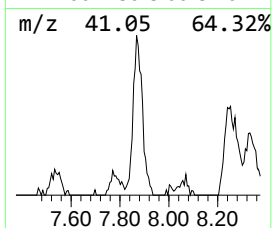
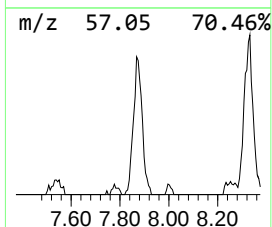
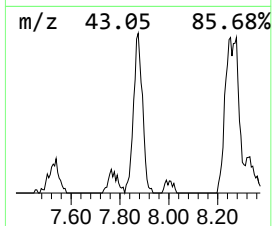
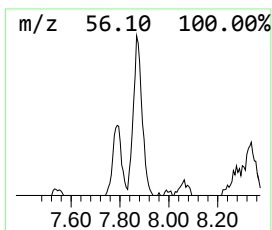
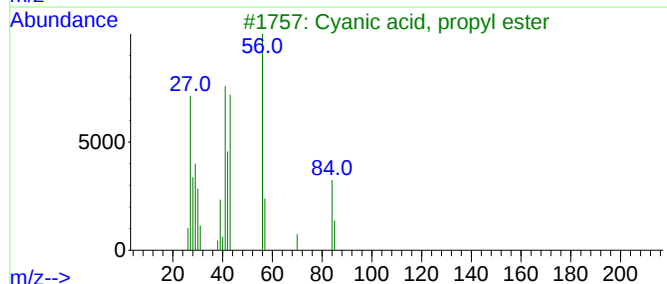
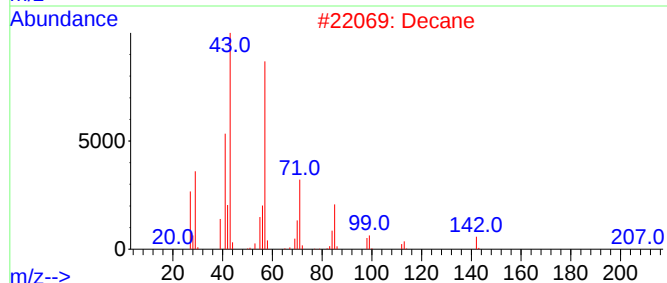
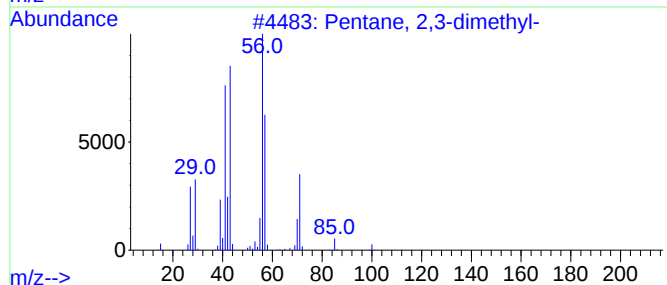
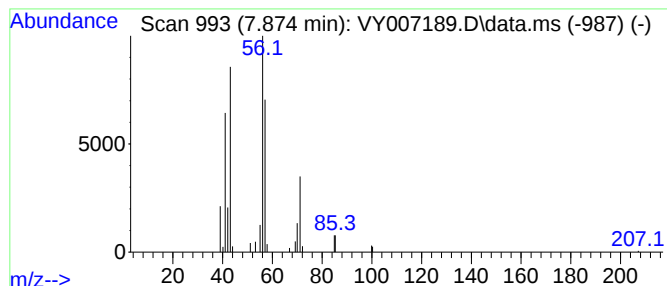
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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.
7.874	5.04 ug/l	36410	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
2			Decane	142	C10H22	000124-18-5	43
3			Cyanoic acid, propyl ester	85	C4H7NO	001768-36-1	40
4			Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	40
5			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007189.D
Acq On : 17 Jan 2022 16:01
Operator : SY/MD
Sample : N1145-05
Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-5-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.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
1-Propene, 2-me...	2.217	12.8	ug/l	92365	1	7.795	361207	50.0
Butane, 2-methyl-	2.906	26.9	ug/l	194670	1	7.795	361207	50.0
Butane, 2,3-dim...	4.704	34.6	ug/l	249807	1	7.795	361207	50.0
unknown5.235	5.235	11.7	ug/l	84780	1	7.795	361207	50.0
Pentane, 2,3-di...	7.874	5.0	ug/l	36410	1	7.795	361207	50.0