

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
 Data File : VY011616.D
 Acq On : 29 Nov 2022 12:50
 Operator : KP/MD
 Sample : N5793-01
 Misc : 5.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-40-SB01

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\82Y111822S.M
 Title : SW846 8260

Signal : TIC: VY011616.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	21	rVB2	42411	67653	5.18%	0.650%
2	2.229	60	67	75	rBV2	61360	107803	8.26%	1.036%
3	2.302	75	79	83	rVV2	8835	14719	1.13%	0.141%
4	2.345	83	86	89	rVV	9405	14996	1.15%	0.144%
5	2.387	89	93	98	rVV	72317	128005	9.81%	1.230%
6	2.448	98	103	121	rVB	323168	602690	46.19%	5.791%
7	2.576	121	124	140	rBV	10986	32794	2.51%	0.315%
8	3.948	339	349	360	rBV	186885	512194	39.25%	4.922%
9	4.198	380	390	409	rVB	90474	249775	19.14%	2.400%
10	4.716	465	475	491	rBV2	15907	55519	4.25%	0.533%
11	5.588	606	618	629	rBV5	4963	16827	1.29%	0.162%
12	6.844	809	824	837	rVV3	7023	25427	1.95%	0.244%
13	6.990	837	848	863	rVV	36298	104309	7.99%	1.002%
14	7.374	901	911	923	rVB	27766	65749	5.04%	0.632%
15	7.606	942	949	959	rBV	15914	53402	4.09%	0.513%
16	7.722	959	968	973	rVV	107716	265999	20.39%	2.556%
17	7.789	973	979	1001	rVB	282640	654038	50.12%	6.285%
18	7.996	1006	1013	1022	rVB2	14999	33152	2.54%	0.319%
19	8.143	1028	1037	1051	rBV2	191962	467381	35.82%	4.491%
20	8.325	1057	1067	1075	rBV	634033	1304844	100.00%	12.538%
21	8.405	1075	1080	1092	rVB2	30461	71943	5.51%	0.691%
22	8.557	1095	1105	1115	rBV	16428	37061	2.84%	0.356%
23	8.691	1118	1127	1139	rBV	463392	911638	69.87%	8.760%
24	8.874	1148	1157	1168	rBV3	14629	42742	3.28%	0.411%
25	9.642	1274	1283	1290	rBV	27868	52866	4.05%	0.508%
26	9.813	1305	1311	1317	rBV3	14114	25436	1.95%	0.244%
27	10.179	1363	1371	1379	rBV	686076	1220781	93.56%	11.730%
28	10.935	1491	1495	1504	rVB2	12408	20014	1.53%	0.192%
29	11.490	1579	1586	1598	rVV	605264	988901	75.79%	9.502%
30	11.709	1617	1622	1631	rVB5	8840	17934	1.37%	0.172%
31	12.044	1671	1677	1683	rVB4	6789	13953	1.07%	0.134%
32	12.209	1699	1704	1715	rBV7	5365	13096	1.00%	0.126%
33	12.386	1727	1733	1741	rBV	229511	350131	26.83%	3.364%
34	12.477	1741	1748	1760	rVB2	597453	1056227	80.95%	10.149%
35	12.806	1798	1802	1805	rBV3	7974	14082	1.08%	0.135%
36	12.849	1805	1809	1817	rVB	35815	58561	4.49%	0.563%

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B-40-SB01

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

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37	13.428	1898	1904	1912	rVB	448766	680353	52.14%	6.537%
38	13.751	1951	1957	1961	rBV4	7509	14213	1.09%	0.137%
39	13.995	1994	1997	2006	rVB	11637	21358	1.64%	0.205%
40	15.434	2229	2233	2238	rBV	11869	18532	1.42%	0.178%

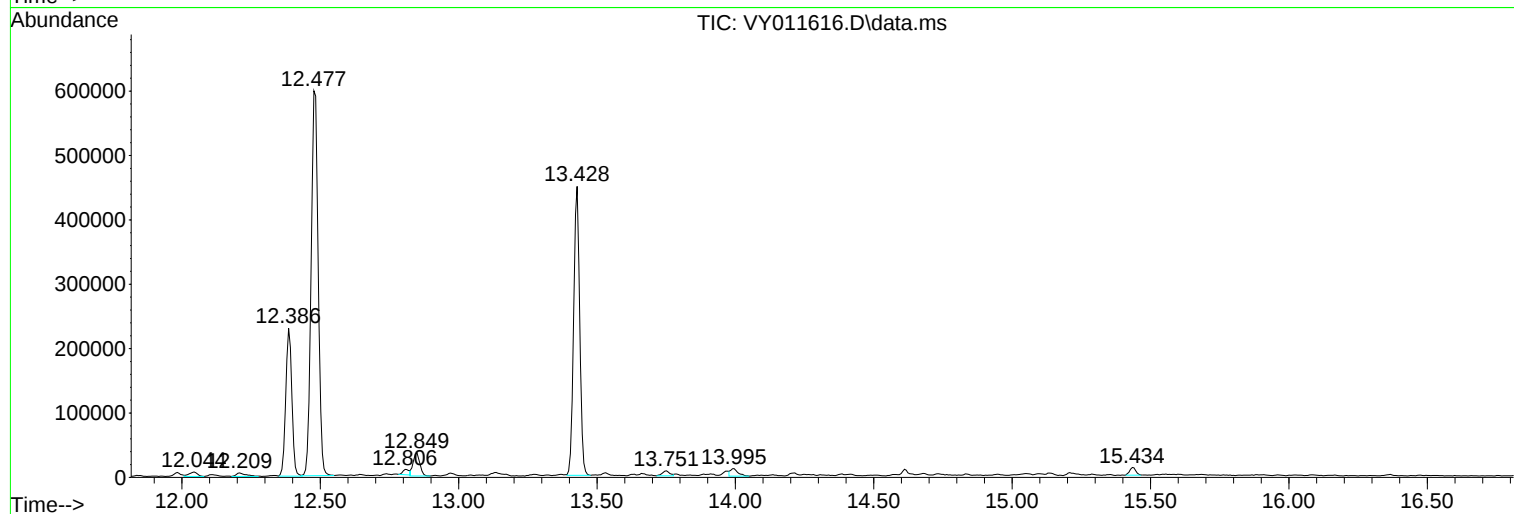
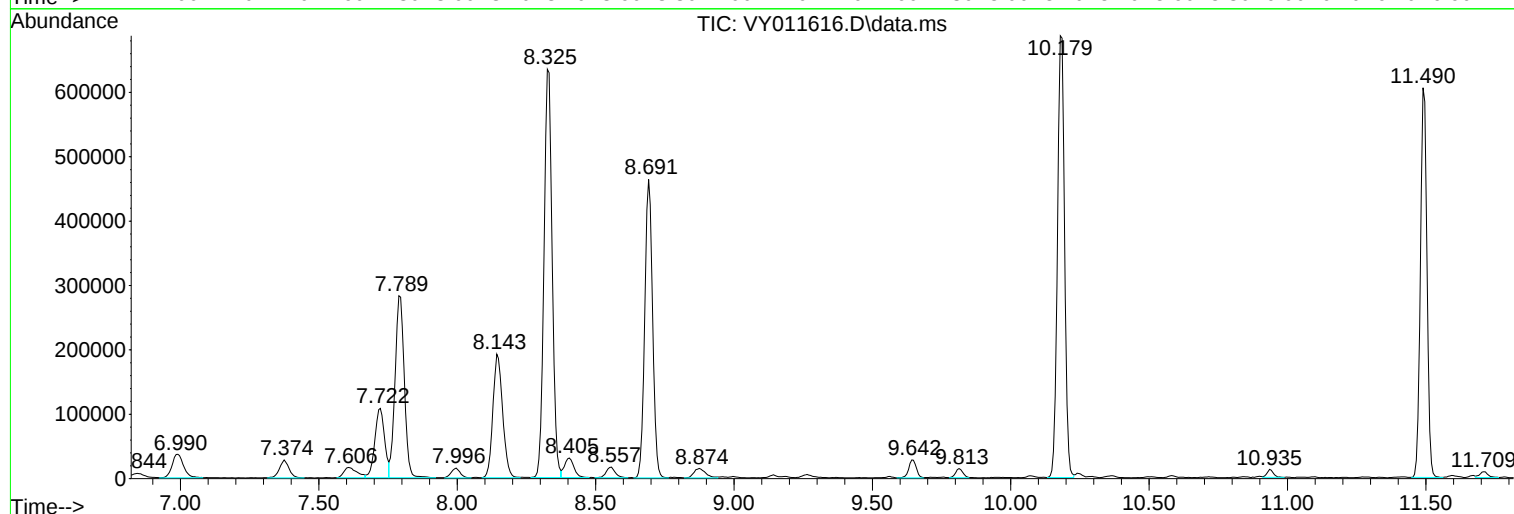
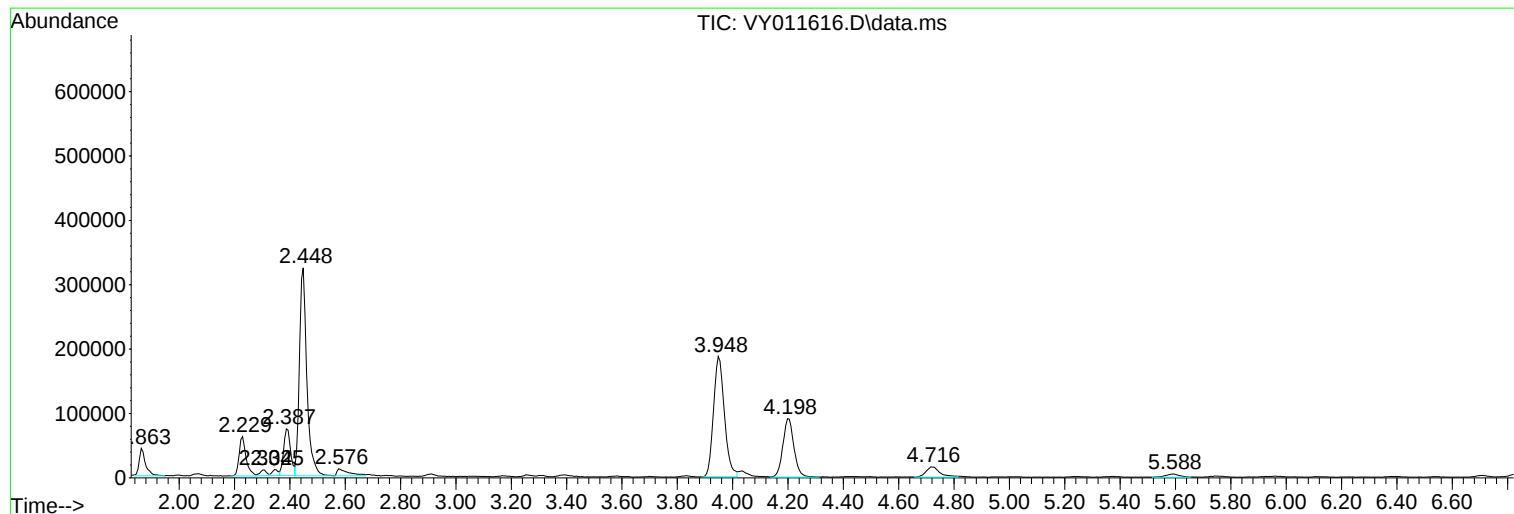
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260

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



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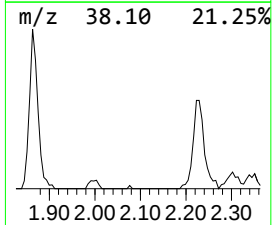
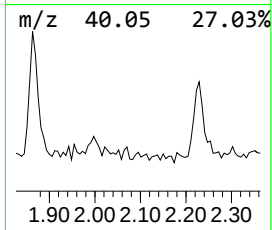
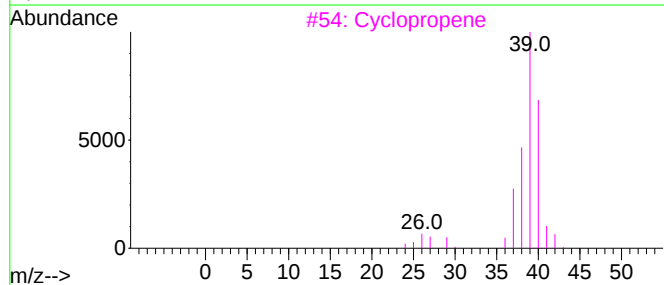
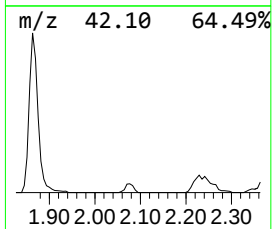
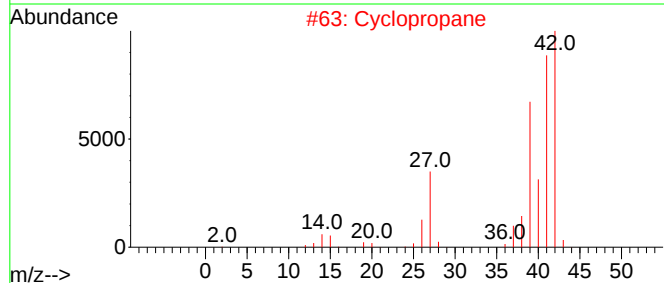
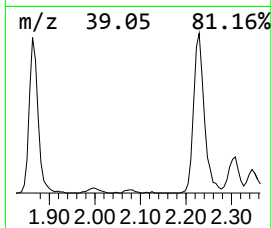
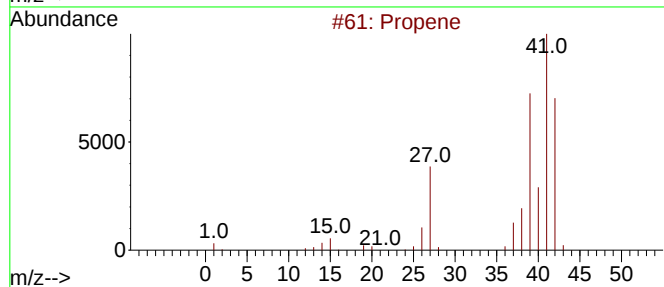
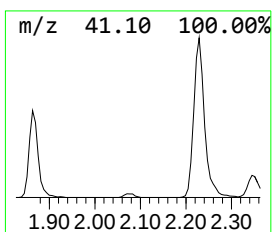
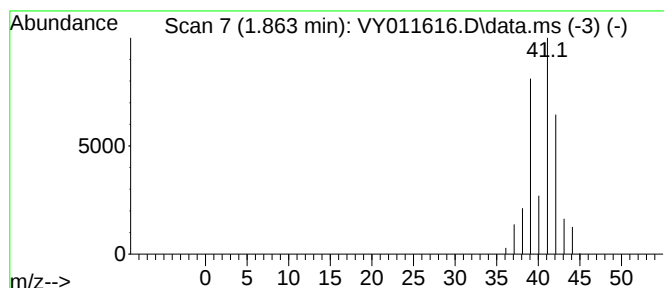
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260

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

Peak Number 1 Propene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.863	5.17 ug/l	67653	Pentafluorobenzene	7.795

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propene	42	C3H6	000115-07-1	90
2		Cyclopropane	42	C3H6	000075-19-4	43
3		Cyclopropene	40	C3H4	002781-85-3	10
4		2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4
5		4-Amino-1-butanol	89	C4H11NO	013325-10-5	2



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Instrument :
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ClientSampleId :
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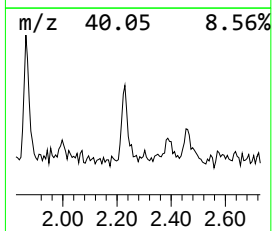
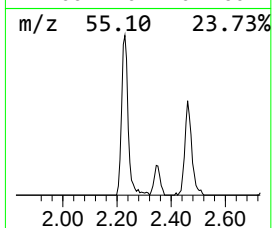
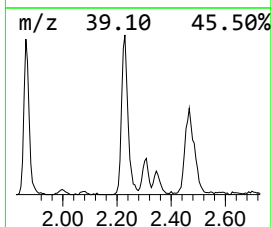
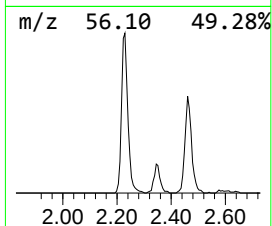
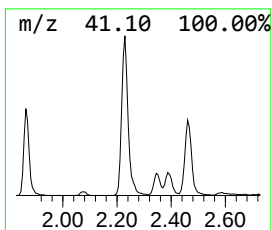
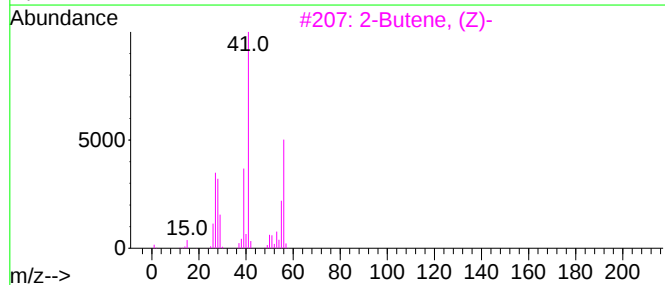
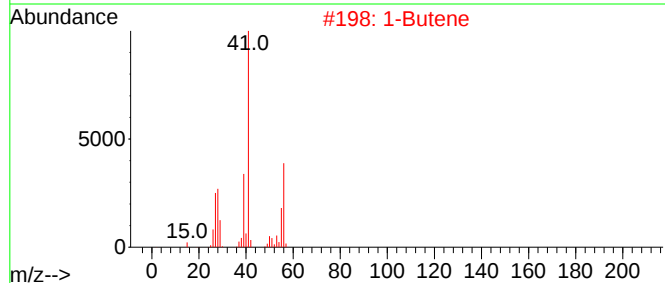
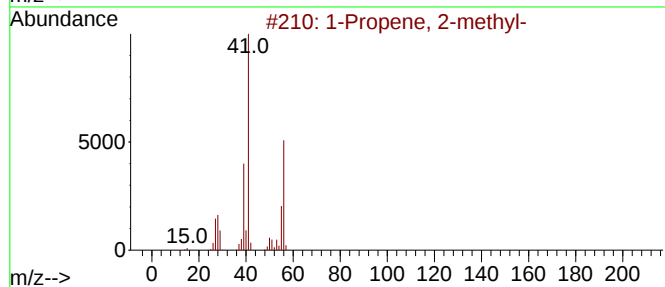
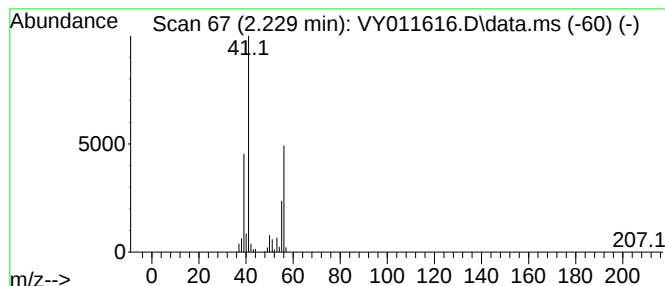
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Peak Number 2 1-Propene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.229	8.24 ug/l	107803	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-			56	C4H8	000115-11-7	90
2	1-Butene			56	C4H8	000106-98-9	87
3	2-Butene, (Z)-			56	C4H8	000590-18-1	80
4	2-Butene			56	C4H8	000107-01-7	80
5	2-Butene, (E)-			56	C4H8	000624-64-6	80



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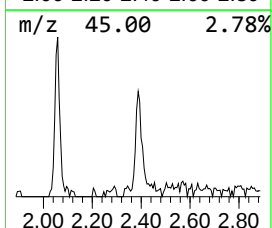
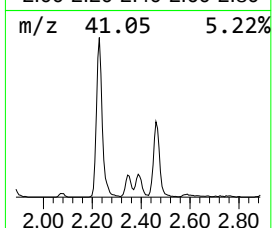
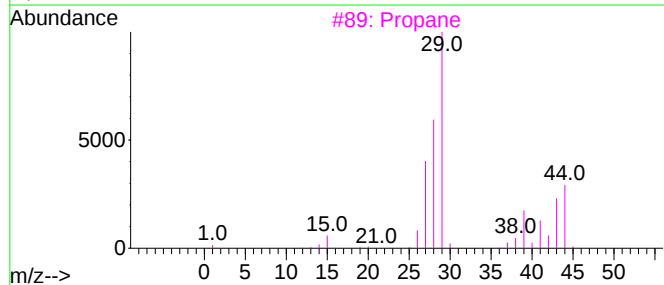
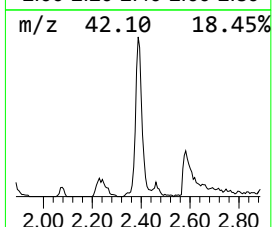
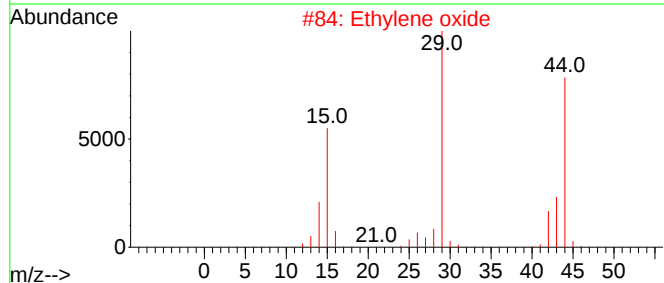
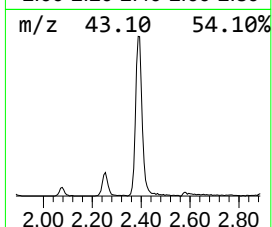
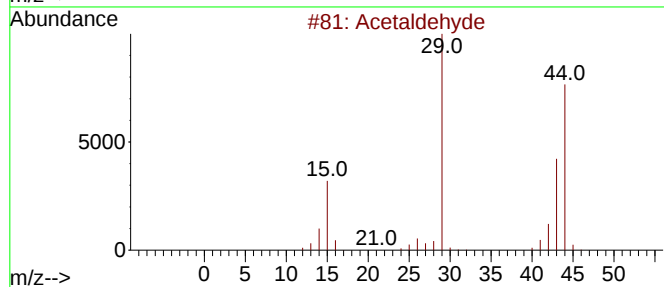
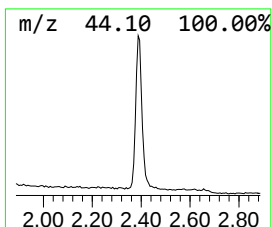
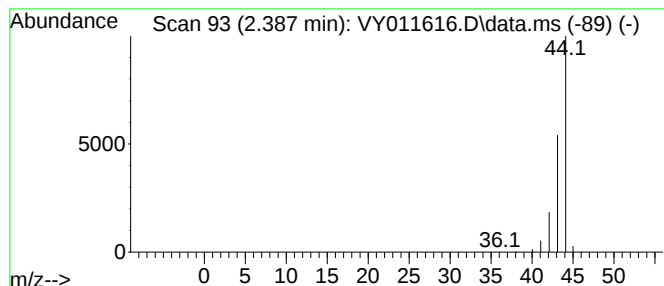
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.387	9.79 ug/l	128005	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Ethylene oxide	44	C2H4O	000075-21-8	5
3			Propane	44	C3H8	000074-98-6	4
4			Alanine	89	C3H7NO2	000056-41-7	4
5			Hydrogen isocyanate	43	CHNO	000075-13-8	3



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ClientSampleId :
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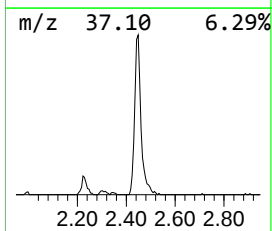
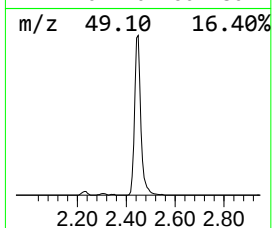
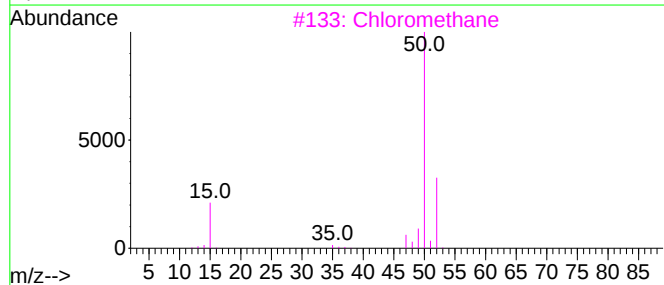
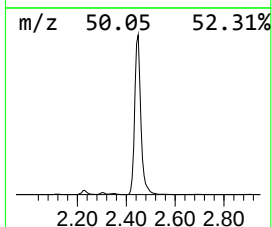
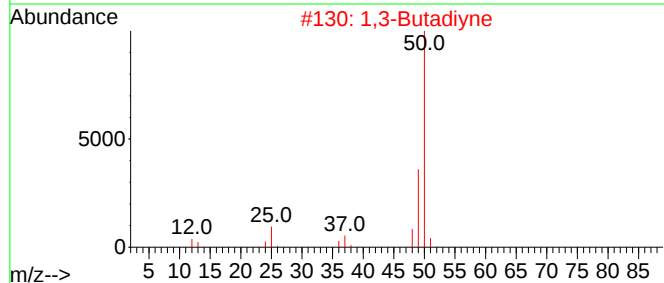
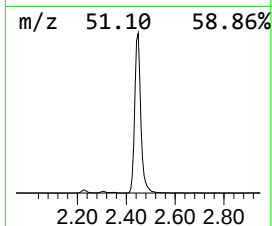
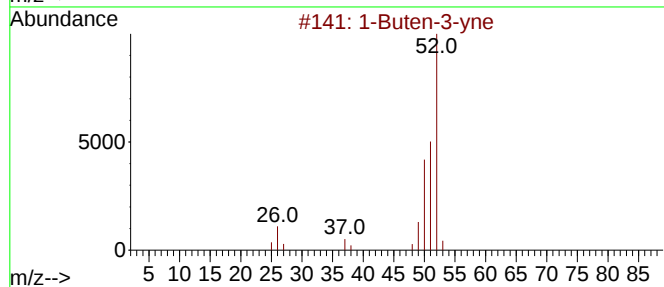
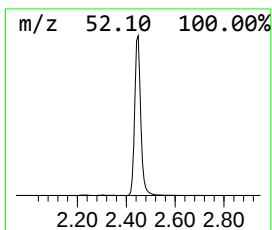
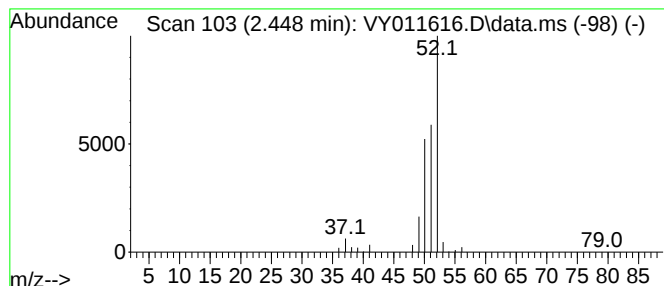
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 1-Buten-3-yne Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.448	46.07 ug/l	602690	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne			52	C4H4	000689-97-4	58
2	1,3-Butadiyne			50	C4H2	000460-12-8	14
3	Chloromethane			50	CH3Cl	000074-87-3	4
4	Cyanogen			52	C2N2	000460-19-5	4
5	Difluoromethane			52	CH2F2	000075-10-5	1



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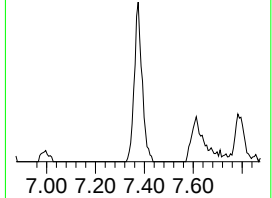
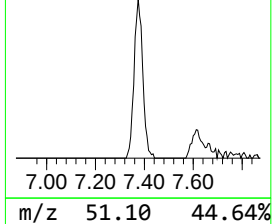
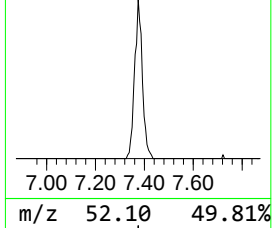
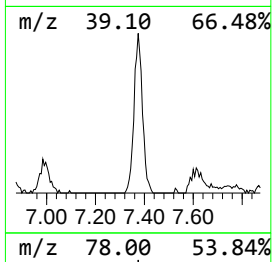
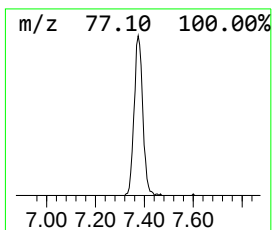
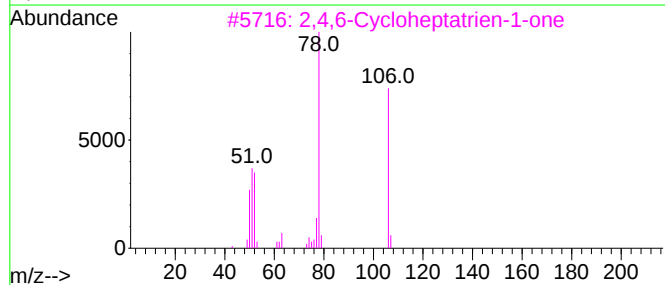
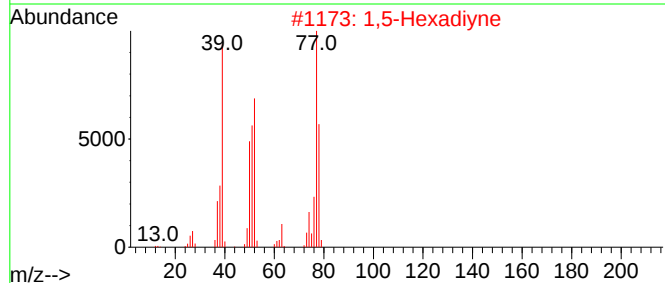
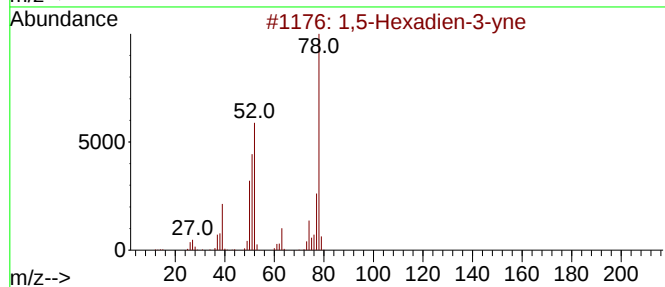
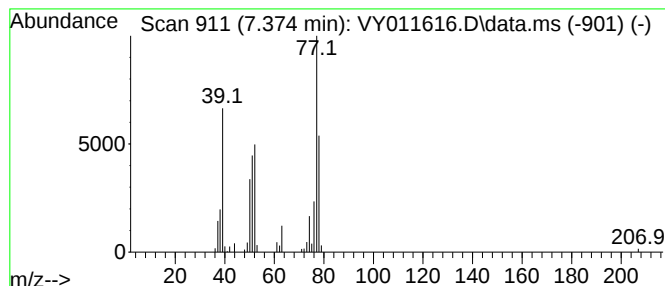
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Quant Title : SW846 8260

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

Peak Number 5 1,5-Hexadien-3-yne Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.374	5.03 ug/l	65749	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Hexadien-3-yne	78	C6H6	000821-08-9	81
2			1,5-Hexadiyne	78	C6H6	000628-16-0	72
3			2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	59
4			trans-4-Cyclopropyl-1,2-epoxy-1-...	184	C13H12O	1000223-37-6	56
5			Benzene	78	C6H6	000071-43-2	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
Data File : VY011616.D
Acq On : 29 Nov 2022 12:50
Operator : KP/MD
Sample : N5793-01
Misc : 5.25g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB01

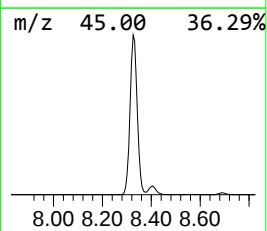
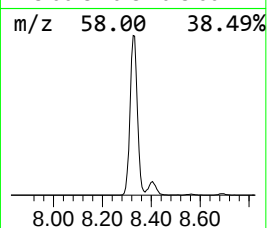
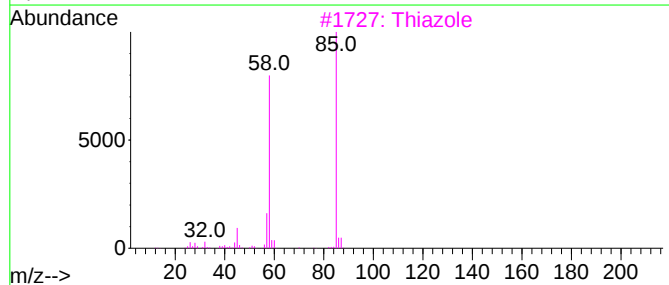
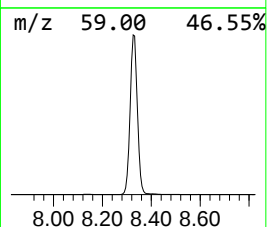
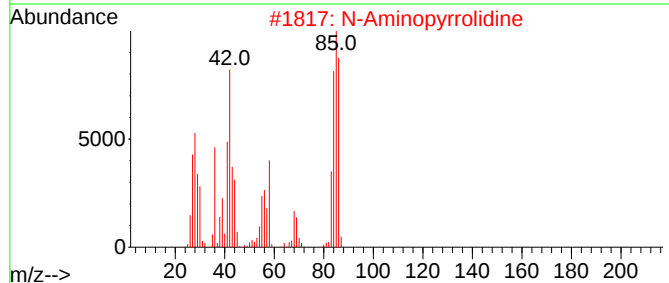
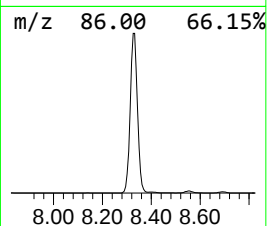
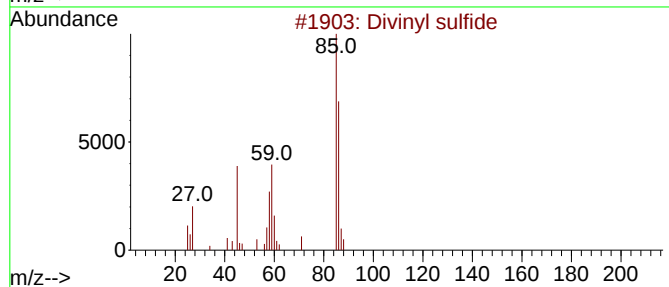
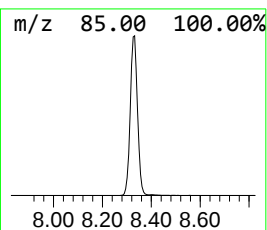
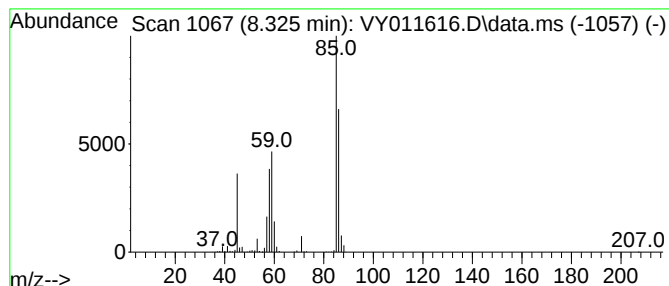
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Quant Title : SW846 8260

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

Peak Number 6 Divinyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	71.57 ug/l	1304840	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Divinyl sulfide	86	C4H6S	000627-51-0	90
2			N-Aminopyrrolidine	86	C4H10N2	016596-41-1	53
3			Thiazole	85	C3H3NS	000288-47-1	50
4			Thiophene, 2,5-dihydro-	86	C4H6S	001708-32-3	49
5			Thiophene, 2,3-dihydro-	86	C4H6S	001120-59-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
Data File : VY011616.D
Acq On : 29 Nov 2022 12:50
Operator : KP/MD
Sample : N5793-01
Misc : 5.25g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB01

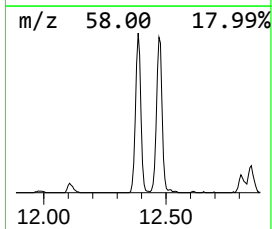
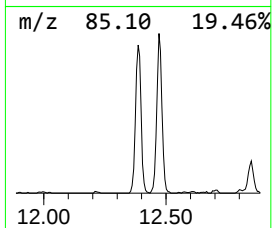
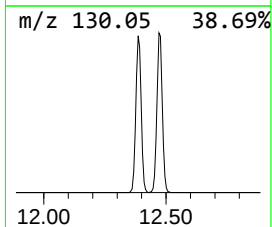
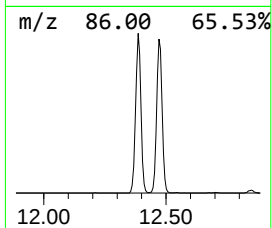
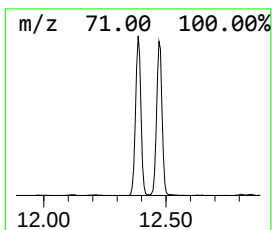
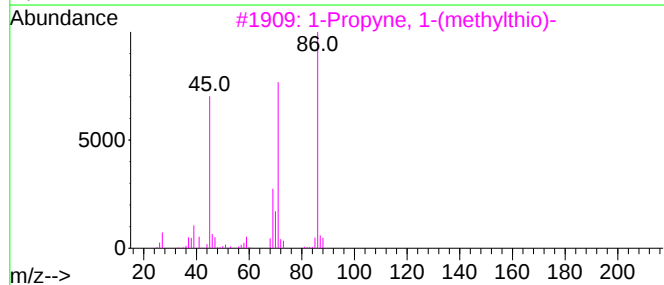
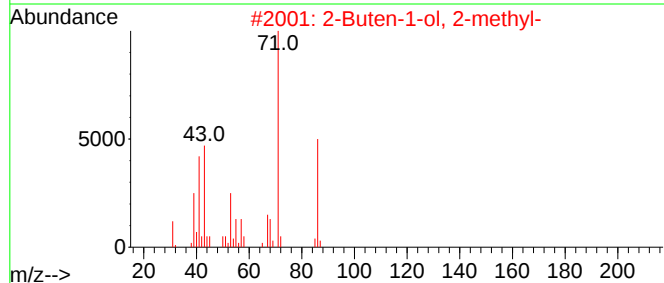
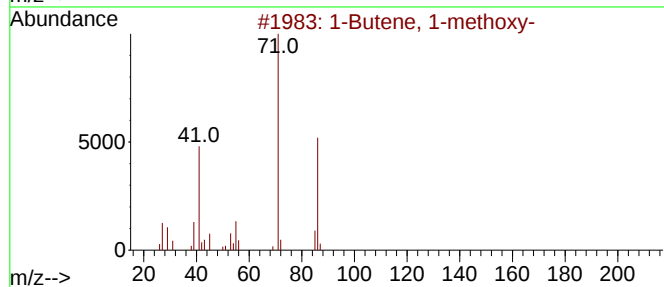
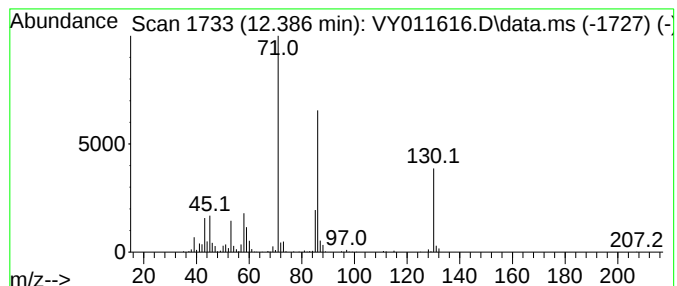
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown12.386 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	17.70 ug/l	350131	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butene, 1-methoxy-	86	C5H10O	029512-02-5	49
2			2-Buten-1-ol, 2-methyl-	86	C5H10O	004675-87-0	47
3			1-Propyne, 1-(methylthio)-	86	C4H6S	022174-51-2	38
4			Succinic acid, but-3-yn-2-yl tet...	254	C13H18O5	1000390-71-3	32
5			Tetraethylammonium tetrafluorobo...	217	C8H20BF4N	000429-06-1	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
Data File : VY011616.D
Acq On : 29 Nov 2022 12:50
Operator : KP/MD
Sample : N5793-01
Misc : 5.25g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.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
Propene	1.863	5.2	ug/l	67653	1	7.795	654038	50.0
1-Propene, 2-me...	2.229	8.2	ug/l	107803	1	7.795	654038	50.0
Acetaldehyde	2.387	9.8	ug/l	128005	1	7.795	654038	50.0
1-Buten-3-yne	2.448	46.1	ug/l	602690	1	7.795	654038	50.0
1,5-Hexadien-3-yne	7.374	5.0	ug/l	65749	1	7.795	654038	50.0
Divinyl sulfide	8.325	71.6	ug/l	1304840	2	8.691	911638	50.0
unknown12.386	12.386	17.7	ug/l	350131	3	11.490	988901	50.0