

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010843.D
 Acq On : 06 Oct 2022 14:37
 Operator : KP/MD
 Sample : N5004-18
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22019-8.5

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\82Y100322S.M
 Title : SW846 8260

Signal : TIC: VY010843.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.070	36	41	53	rBV	26992	44376	2.56%	0.235%
2	2.247	59	70	78	rBV	83504	138166	7.96%	0.731%
3	2.333	79	84	89	rVV	15762	30060	1.73%	0.159%
4	2.900	168	177	196	rBV	244357	549136	31.65%	2.906%
5	3.247	226	234	244	rBV2	15945	37902	2.18%	0.201%
6	3.936	333	347	366	rBV2	179243	586940	33.83%	3.106%
7	4.698	455	472	502	rBV	408539	1735036	100.00%	9.182%
8	4.948	502	513	534	rVB	22800	84120	4.85%	0.445%
9	5.222	541	558	584	rBV3	237529	928492	53.51%	4.914%
10	5.740	634	643	656	rBV2	7015	21454	1.24%	0.114%
11	6.118	690	705	717	rBV4	14024	47683	2.75%	0.252%
12	6.521	757	771	780	rBV2	9867	34625	2.00%	0.183%
13	6.685	787	798	806	rBV2	68888	213499	12.31%	1.130%
14	6.789	806	815	828	rVB2	73371	227772	13.13%	1.205%
15	6.972	836	845	859	rVB4	12028	40851	2.35%	0.216%
16	7.527	919	936	946	rBV2	20283	66656	3.84%	0.353%
17	7.716	957	967	972	rBV2	213504	505396	29.13%	2.675%
18	7.789	972	979	986	rVV	388504	930380	53.62%	4.924%
19	7.868	986	992	1005	rVV	214069	535068	30.84%	2.832%
20	8.002	1005	1014	1017	rVV2	30695	71817	4.14%	0.380%
21	8.051	1017	1022	1029	rVV2	42048	104830	6.04%	0.555%
22	8.155	1029	1039	1048	rVV3	500240	1290119	74.36%	6.828%
23	8.271	1048	1058	1063	rVV4	80241	255488	14.73%	1.352%
24	8.338	1063	1069	1076	rVV4	83633	254553	14.67%	1.347%
25	8.417	1076	1082	1092	rVB2	51673	119485	6.89%	0.632%
26	8.685	1117	1126	1139	rBV	504388	1004030	57.87%	5.314%
27	9.179	1190	1207	1214	rBV2	143059	406476	23.43%	2.151%
28	9.368	1233	1238	1245	rVB2	24861	45769	2.64%	0.242%
29	9.465	1245	1254	1260	rBV2	22929	49347	2.84%	0.261%
30	9.612	1271	1278	1287	rVB2	38142	80238	4.62%	0.425%
31	9.746	1287	1300	1308	rBV2	54593	127407	7.34%	0.674%
32	9.935	1323	1331	1335	rBV3	22716	49794	2.87%	0.264%
33	10.099	1350	1358	1364	rBV4	12814	27982	1.61%	0.148%
34	10.179	1364	1371	1385	rVV	743559	1306534	75.30%	6.914%
35	10.295	1385	1390	1394	rVV4	12019	25961	1.50%	0.137%
36	10.343	1394	1398	1401	rVV2	24518	47766	2.75%	0.253%

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37	10.386	1401	1405	1410	rVV2	29498	57113	3.29%	0.302%
38	10.459	1410	1417	1422	rVV	29193	54862	3.16%	0.290%
39	10.520	1422	1427	1432	rVV2	28815	53834	3.10%	0.285%
40	10.612	1432	1442	1450	rVV3	36959	86052	4.96%	0.455%
41	10.709	1450	1458	1463	rVB9	6265	18560	1.07%	0.098%
42	11.002	1500	1506	1509	rBV	15332	25402	1.46%	0.134%
43	11.038	1510	1512	1524	rVB7	9933	25556	1.47%	0.135%
44	11.374	1558	1567	1578	rVB6	8831	28406	1.64%	0.150%
45	11.489	1578	1586	1594	rBV	692336	1111726	64.08%	5.883%
46	11.587	1594	1602	1612	rVB3	28654	66814	3.85%	0.354%
47	11.697	1612	1620	1624	rBV	21226	45544	2.62%	0.241%
48	12.026	1666	1674	1683	rVB2	14706	32194	1.86%	0.170%
49	12.331	1719	1724	1730	rBV	11090	18950	1.09%	0.100%
50	12.483	1741	1749	1757	rBV2	574595	910896	52.50%	4.821%
51	12.733	1785	1790	1798	rBV	52826	96466	5.56%	0.511%
52	12.812	1798	1803	1813	rVB	167178	254079	14.64%	1.345%
53	12.971	1822	1829	1835	rBV	156608	242099	13.95%	1.281%
54	13.117	1847	1853	1860	rVB	430557	646180	37.24%	3.420%
55	13.239	1867	1873	1880	rVB3	7851	19518	1.12%	0.103%
56	13.422	1897	1903	1907	rBV	588965	967437	55.76%	5.120%
57	13.526	1915	1920	1925	rBV4	11122	20706	1.19%	0.110%
58	13.593	1926	1931	1932	rVV	89939	116222	6.70%	0.615%
59	13.623	1932	1936	1941	rVV	567263	902029	51.99%	4.774%
60	13.666	1941	1943	1952	rVB2	72660	103825	5.98%	0.549%
61	13.757	1952	1958	1961	rBV	19408	34561	1.99%	0.183%
62	13.824	1965	1969	1974	rVB	13401	21972	1.27%	0.116%
63	13.885	1974	1979	1982	rBV	27738	46808	2.70%	0.248%
64	13.971	1987	1993	1998	rVB2	75869	113704	6.55%	0.602%
65	14.032	1998	2003	2007	rBV	65388	97827	5.64%	0.518%
66	14.080	2007	2011	2017	rVB	130548	191220	11.02%	1.012%
67	14.215	2027	2033	2038	rBV3	27149	43481	2.51%	0.230%
68	14.294	2040	2046	2049	rVV	22516	34215	1.97%	0.181%
69	14.337	2049	2053	2057	rVV	20945	32115	1.85%	0.170%
70	14.410	2057	2065	2073	rVB4	15814	30598	1.76%	0.162%
71	14.568	2085	2091	2096	rBV2	27000	48447	2.79%	0.256%
72	14.684	2103	2110	2116	rBV2	124777	203612	11.74%	1.078%
73	14.830	2129	2134	2140	rVB2	19748	30494	1.76%	0.161%
74	15.044	2163	2169	2176	rVB2	17264	36948	2.13%	0.196%

Sum of corrected areas: 18895680

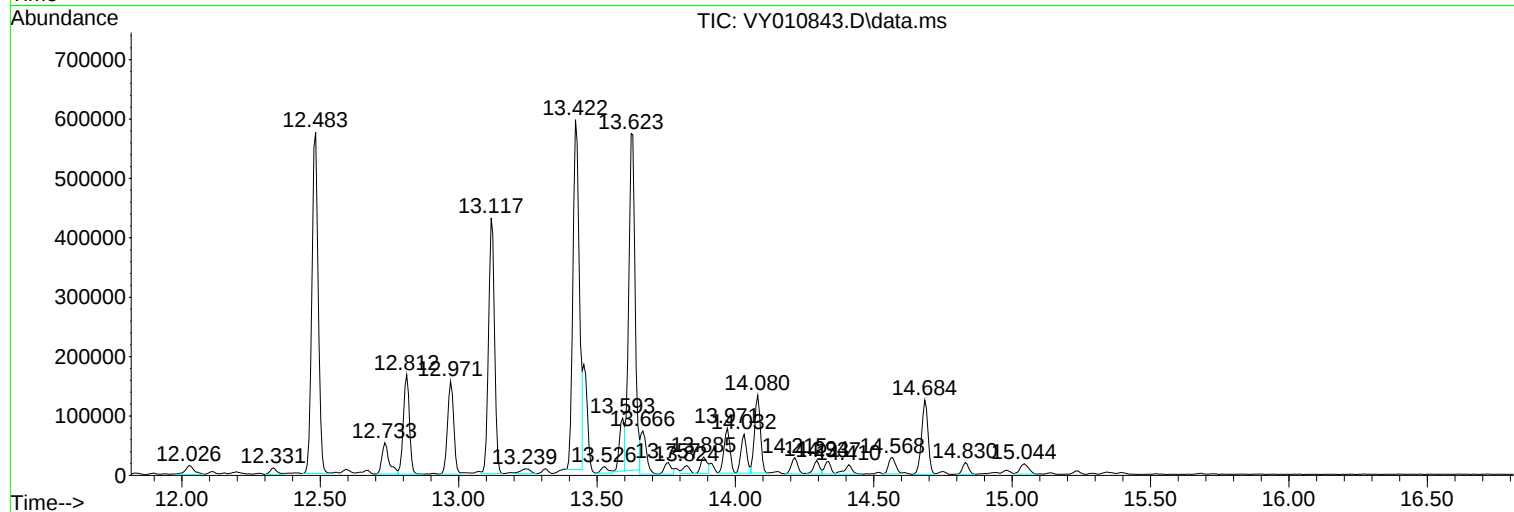
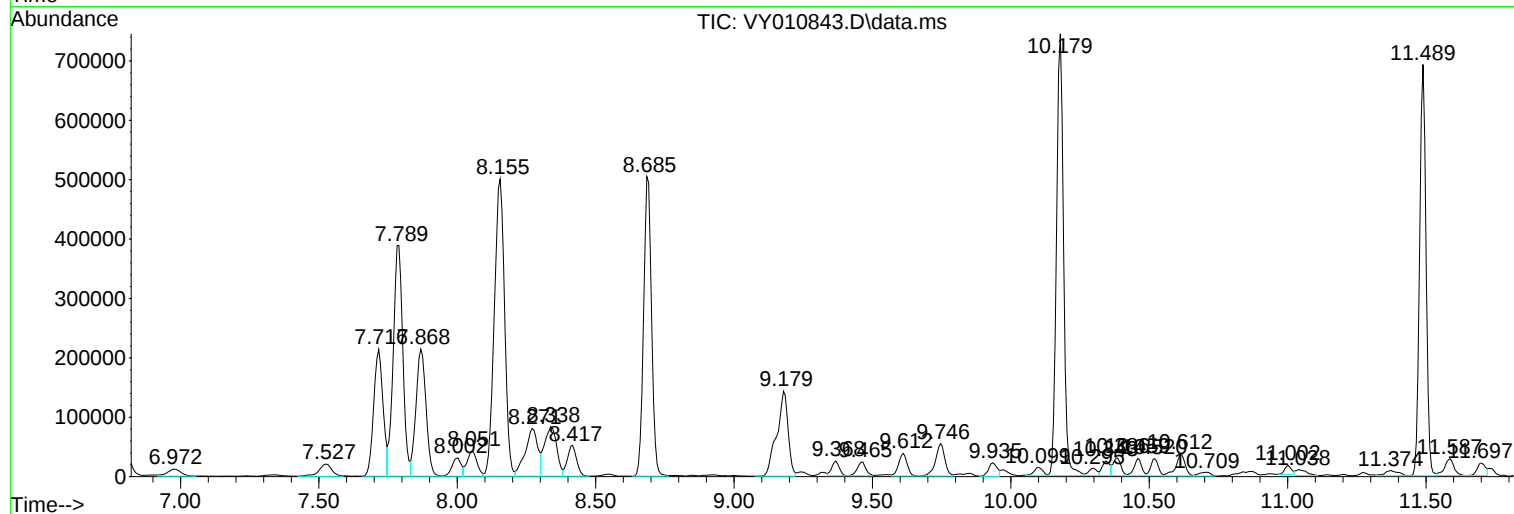
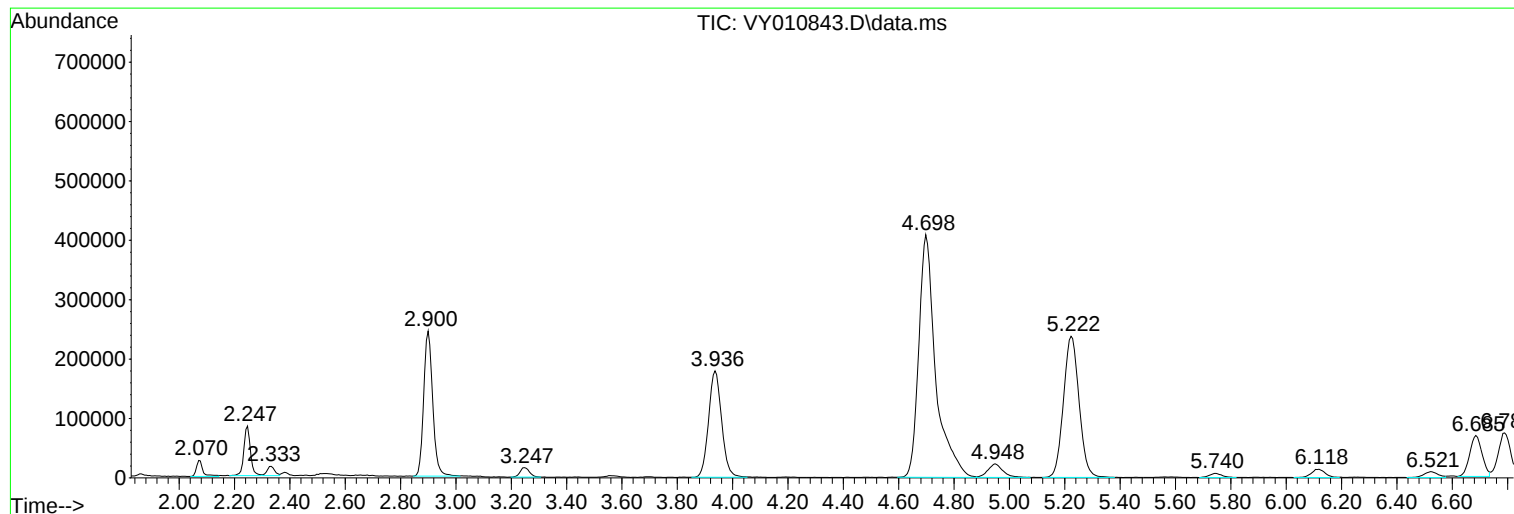
Instrument :
MSVOA_Y
ClientSampleId :
D22019-8.5

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Instrument :
MSVOA_Y
ClientSampleId :
D22019-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
D22019-8.5

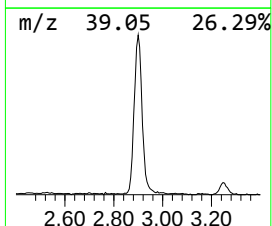
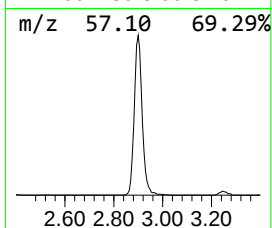
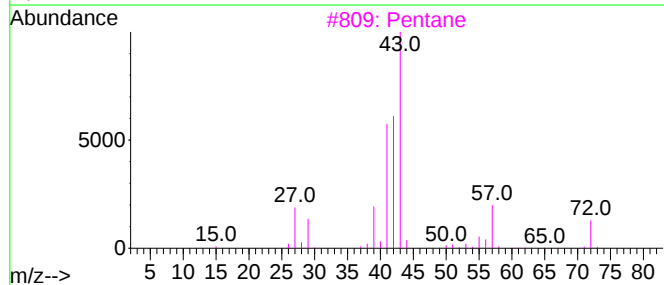
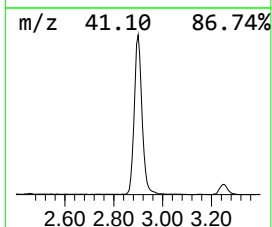
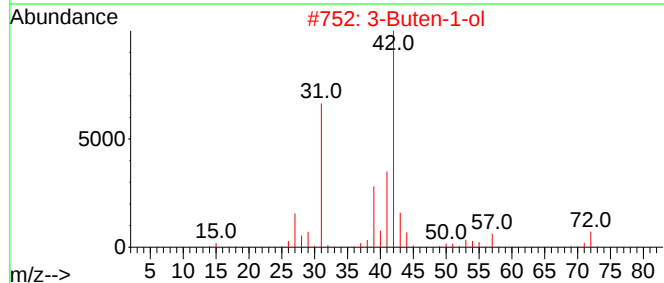
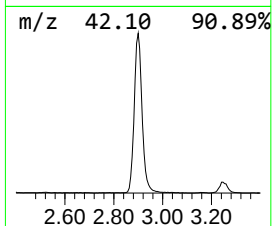
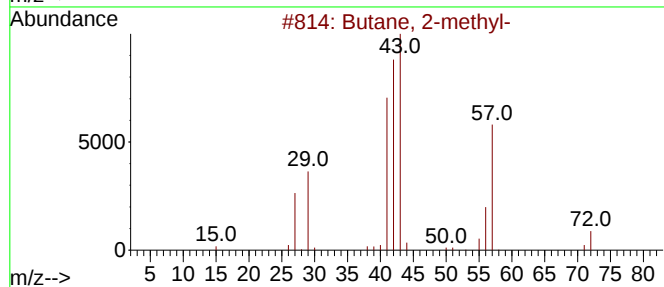
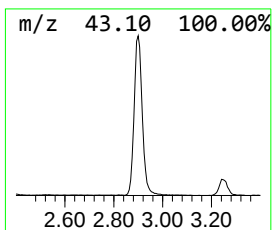
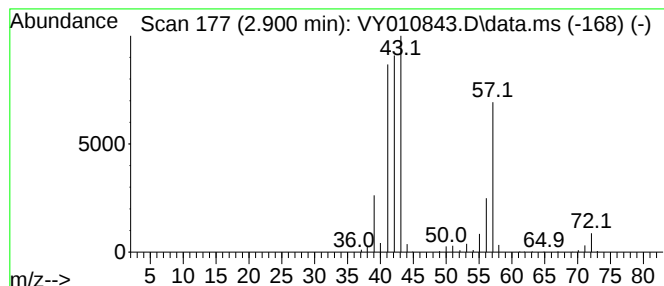
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.900	29.51 ug/l	549136	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	91
2			3-Buten-1-ol	72	C4H8O	000627-27-0	47
3			Pentane	72	C5H12	000109-66-0	42
4			1-Butene	56	C4H8	000106-98-9	10
5			Methane, isocyanato-	57	C2H3NO	000624-83-9	9



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Instrument :
MSVOA_Y
ClientSampleId :
D22019-8.5

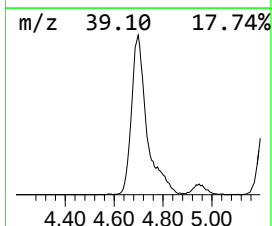
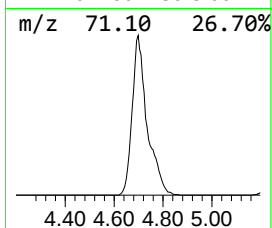
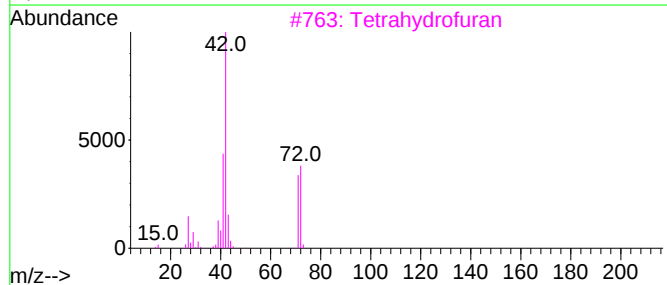
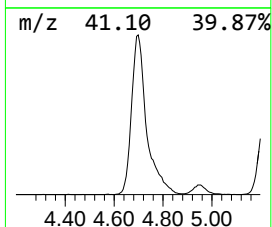
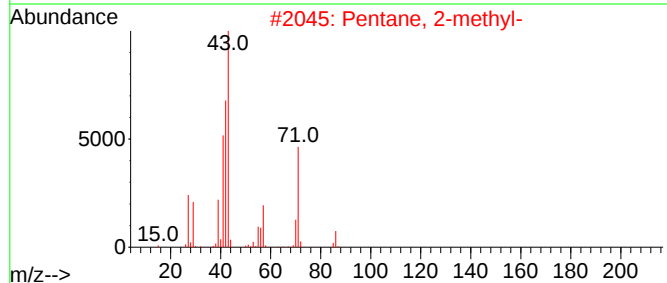
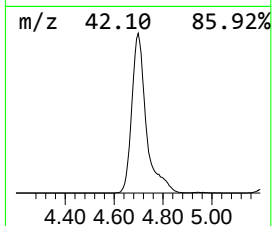
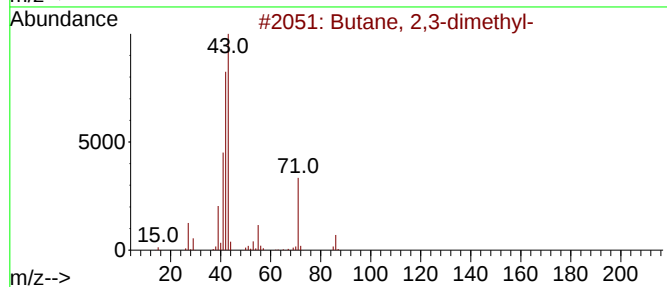
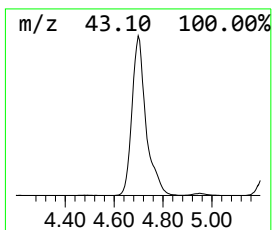
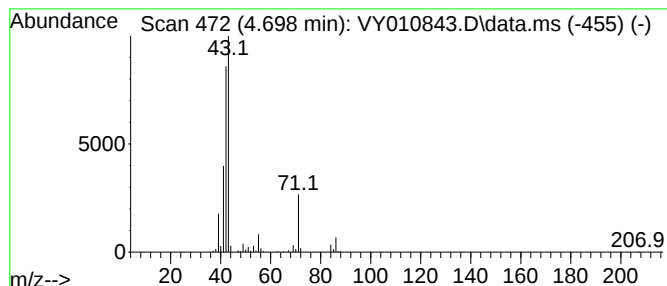
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.698	93.24 ug/l	1735040	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	43
3			Tetrahydrofuran	72	C4H8O	000109-99-9	36
4			Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	10
5			Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	10



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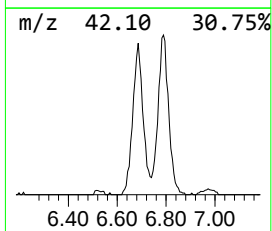
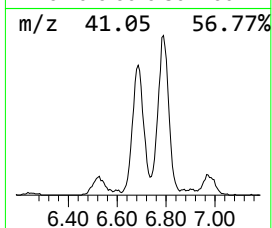
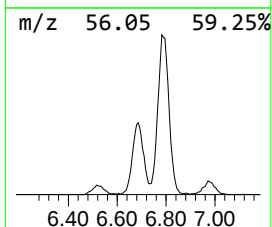
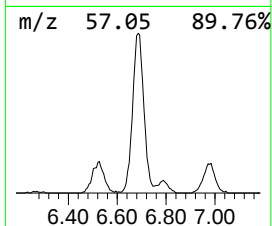
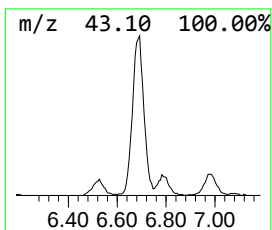
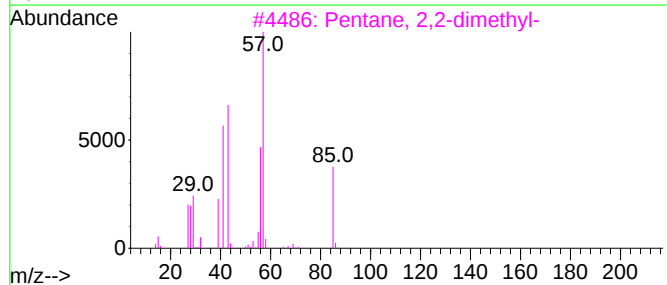
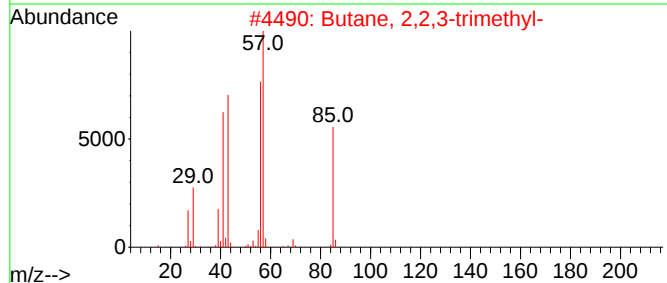
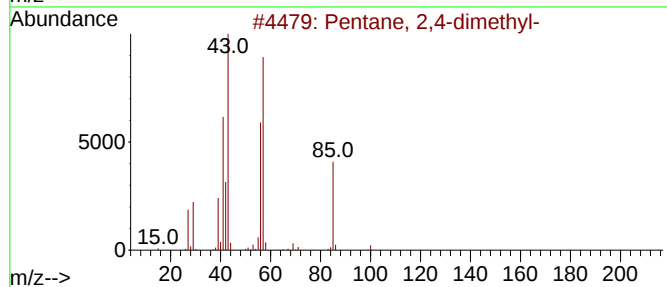
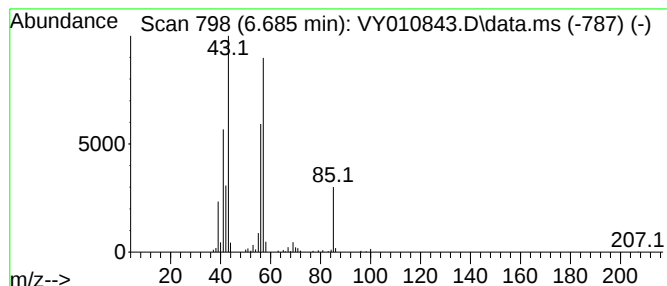
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Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.685	11.47 ug/l	213499	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	94
2			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
4			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	47
5			Hexane, 2-methyl-	100	C7H16	000591-76-4	42



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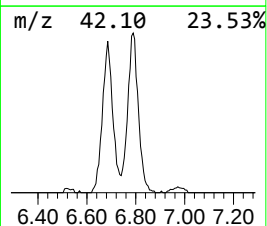
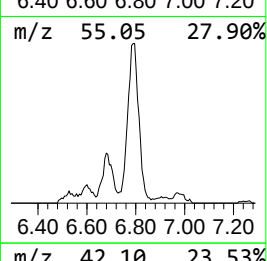
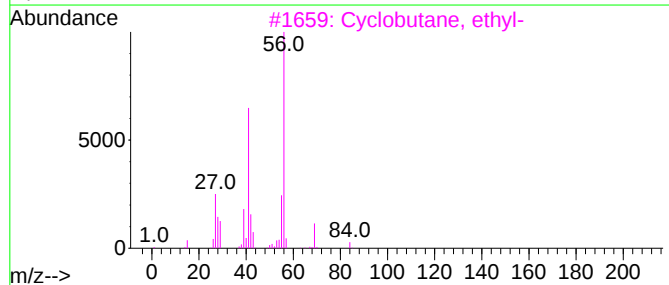
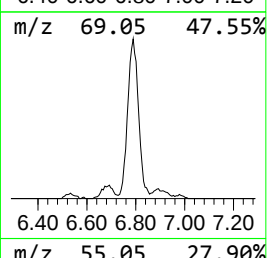
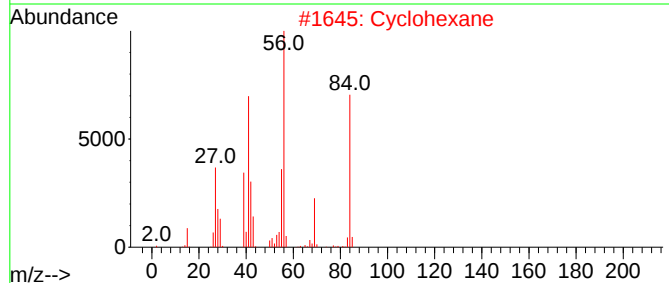
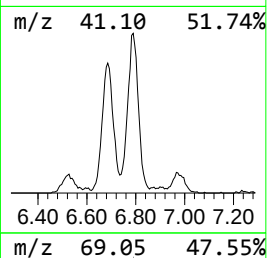
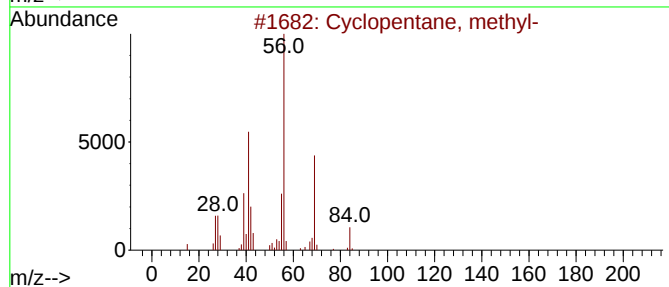
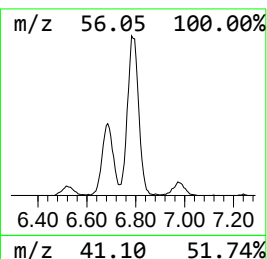
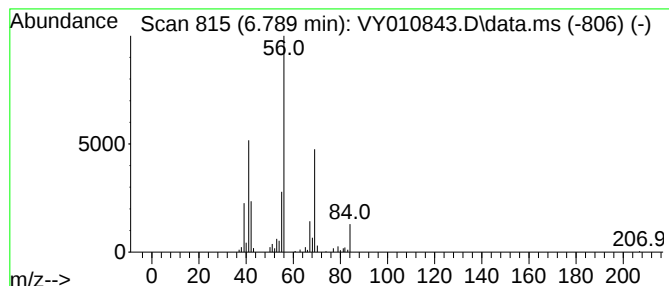
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Quant Title : SW846 8260

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

Peak Number 4 Cyclopentane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.789	12.24 ug/l	227772	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2			Cyclohexane	84	C6H12	000110-82-7	80
3			Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
Data File : VY010843.D
Acq On : 06 Oct 2022 14:37
Operator : KP/MD
Sample : N5004-18
Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22019-8.5

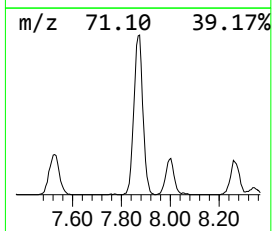
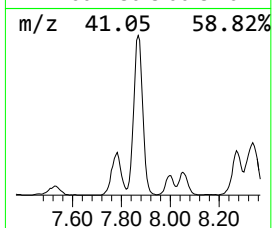
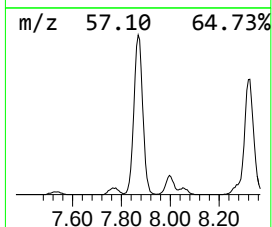
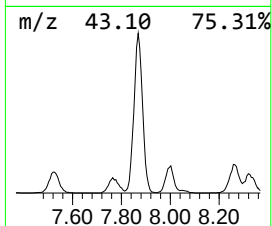
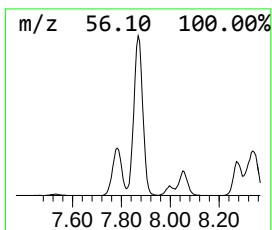
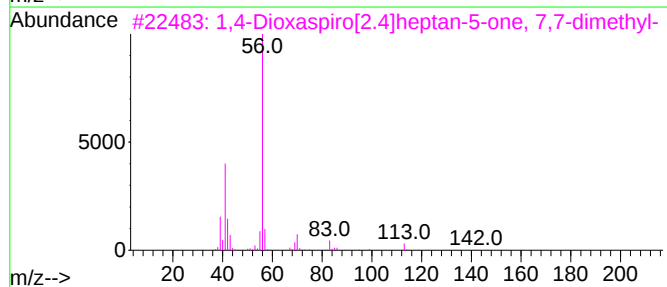
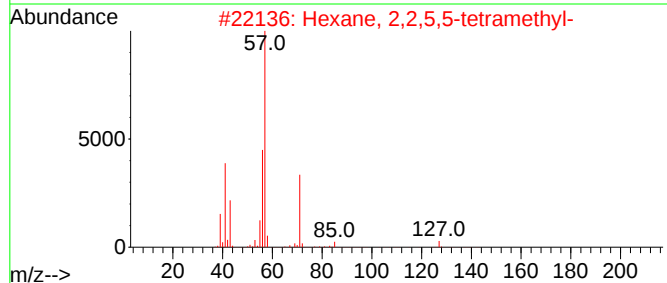
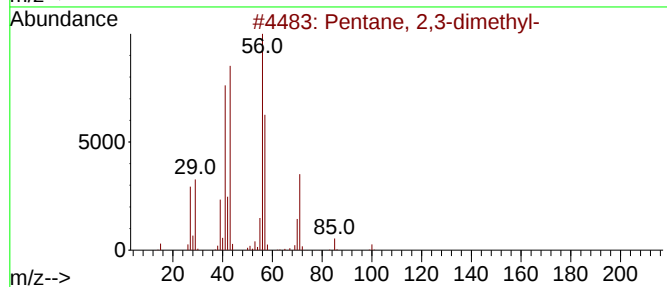
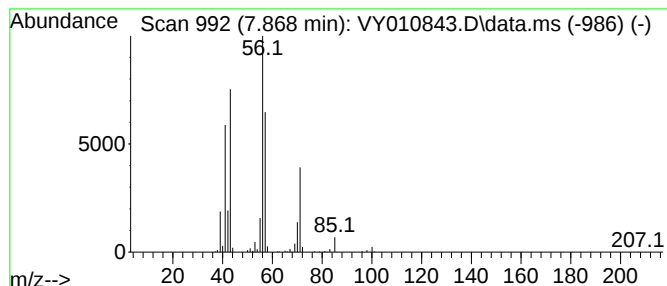
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Quant Title : SW846 8260

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

Peak Number 5 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.868	28.76 ug/l	535068	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
3			1,4-Dioxaspiro[2.4]heptan-5-one,...	142	C7H10O3	126091-79-0	50
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
5			1-Hexene, 5-methyl-	98	C7H14	003524-73-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
Data File : VY010843.D
Acq On : 06 Oct 2022 14:37
Operator : KP/MD
Sample : N5004-18
Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22019-8.5

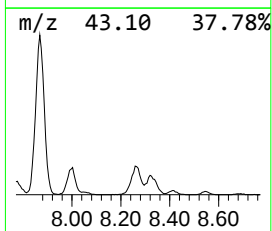
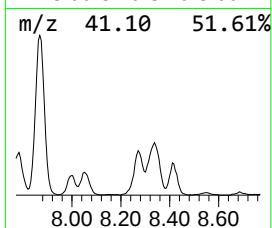
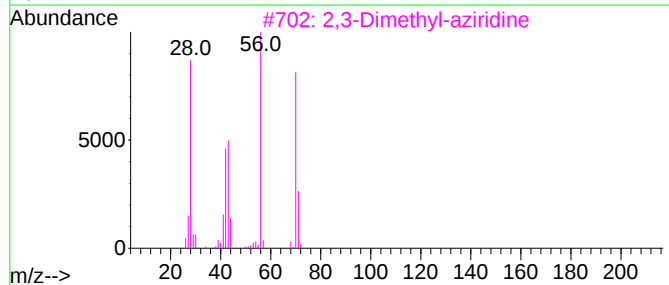
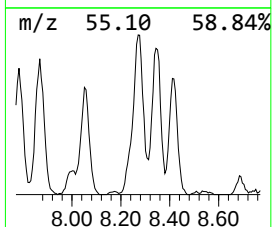
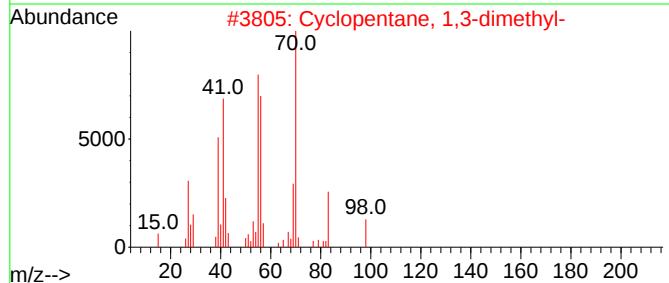
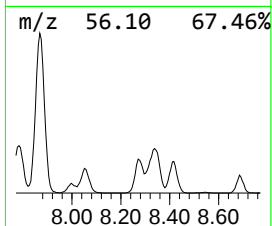
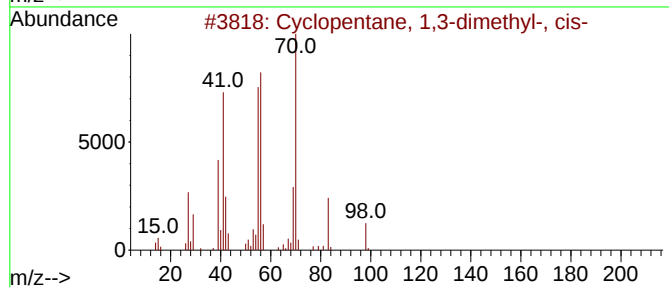
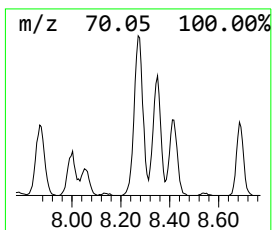
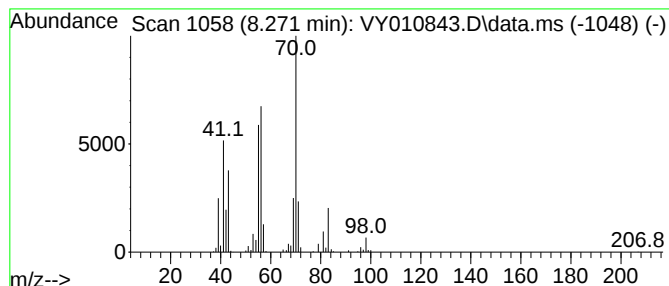
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Quant Title : SW846 8260

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

Peak Number 6 Cyclopentane, 1,3-dimethyl-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.271	12.72 ug/l	255488	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	74
2			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	72
3			2,3-Dimethyl-aziridine	71	C4H9N	002549-68-0	59
4			Isopropylcyclobutane	98	C7H14	000872-56-0	53
5			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
Data File : VY010843.D
Acq On : 06 Oct 2022 14:37
Operator : KP/MD
Sample : N5004-18
Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22019-8.5

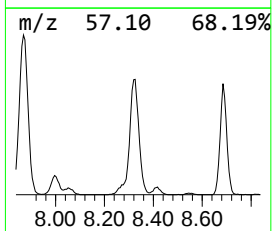
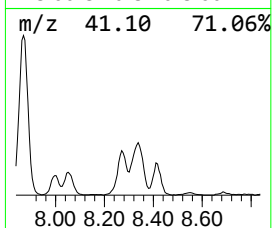
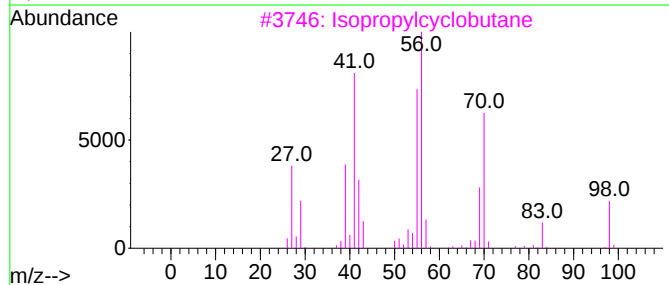
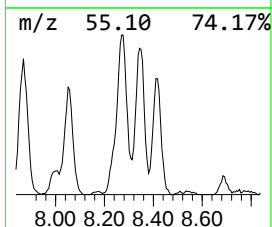
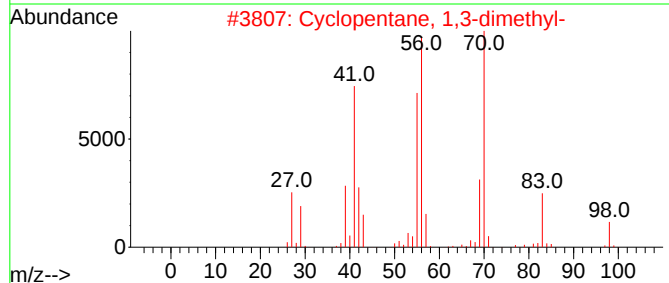
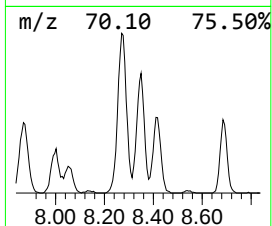
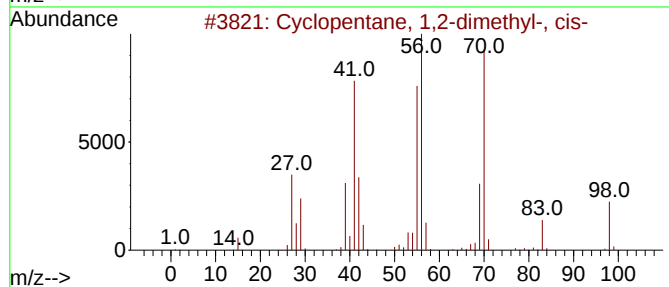
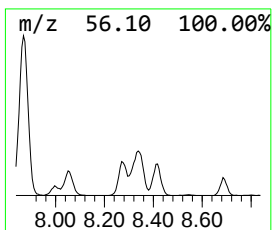
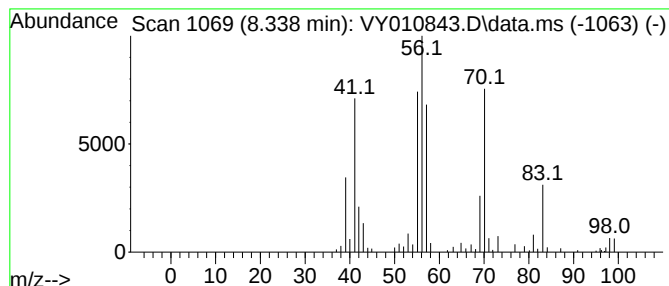
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Quant Title : SW846 8260

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

Peak Number 7 Cyclopentane, 1,2-dimethyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.338	12.68 ug/l	254553	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72
2			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	50
3			Isopropylcyclobutane	98	C7H14	000872-56-0	50
4			1-Hexene, 5-methyl-	98	C7H14	003524-73-0	47
5			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
Data File : VY010843.D
Acq On : 06 Oct 2022 14:37
Operator : KP/MD
Sample : N5004-18
Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22019-8.5

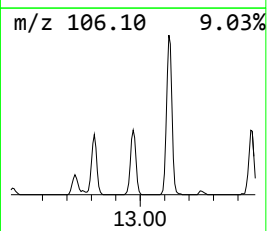
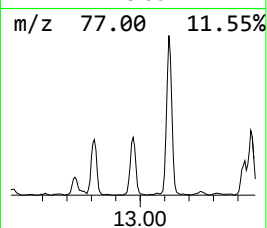
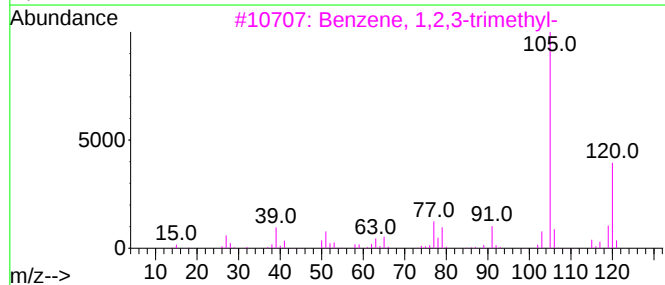
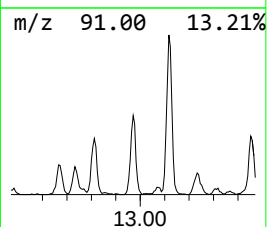
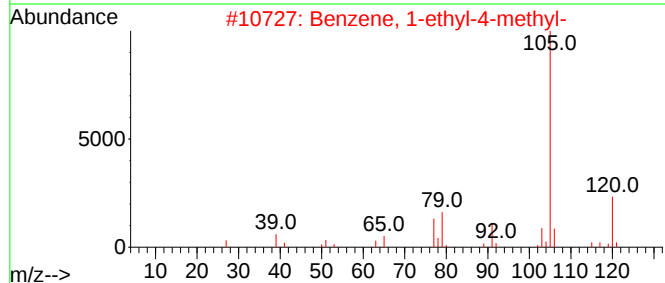
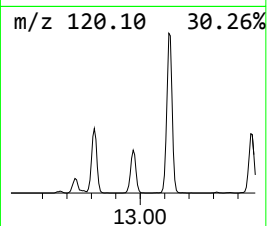
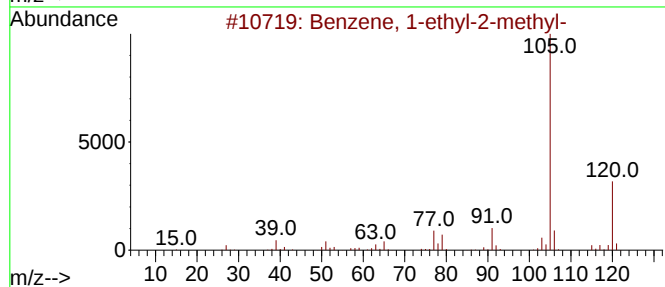
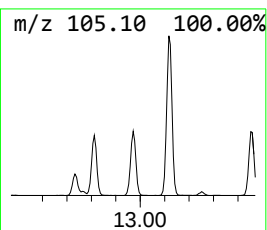
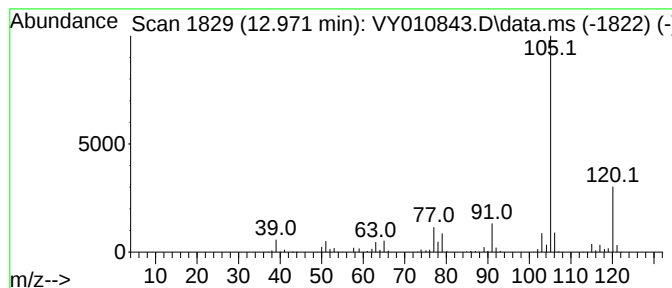
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	12.51 ug/l	242099	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
Data File : VY010843.D
Acq On : 06 Oct 2022 14:37
Operator : KP/MD
Sample : N5004-18
Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22019-8.5

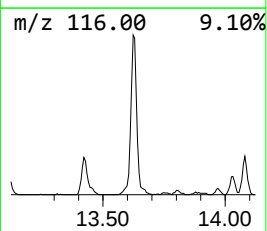
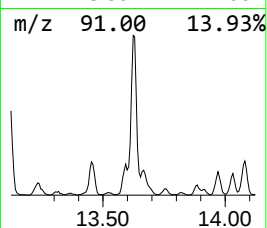
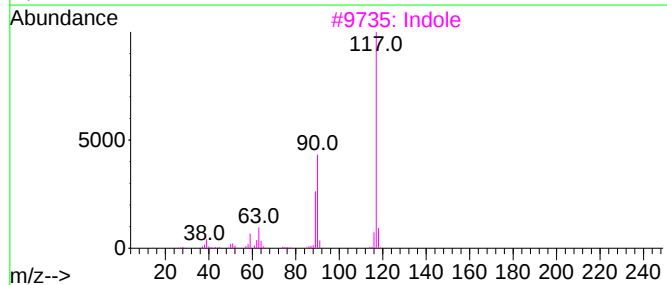
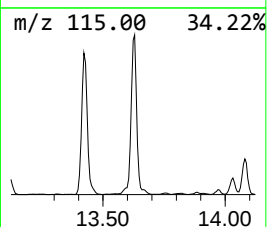
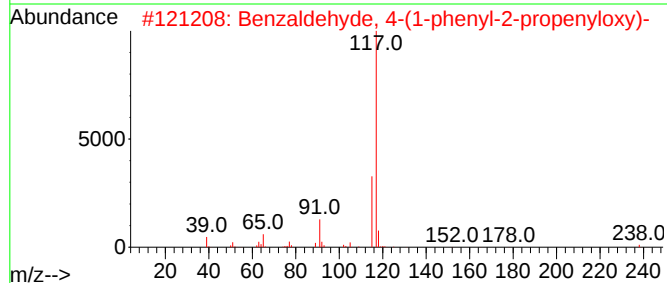
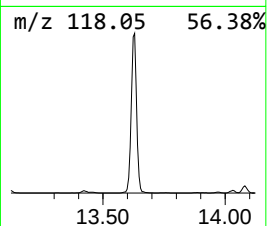
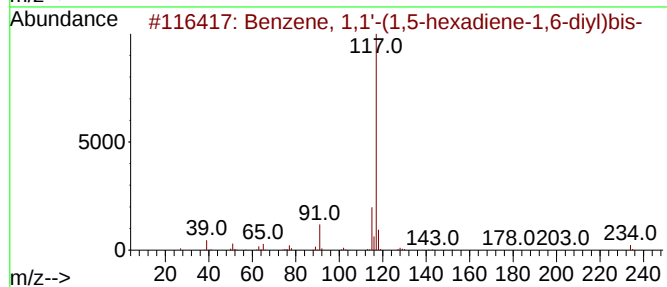
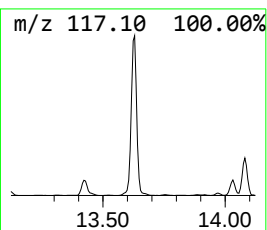
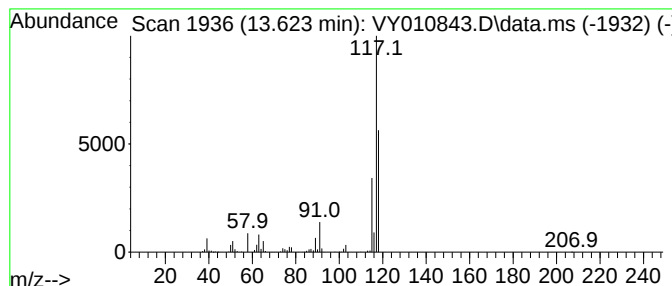
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	46.62 ug/l	902029	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2			Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50
3			Indole	117	C8H7N	000120-72-9	49
4			4-Ethynylaniline	117	C8H7N	014235-81-5	43
5			Deltacyclene	118	C9H10	007785-10-6	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
Data File : VY010843.D
Acq On : 06 Oct 2022 14:37
Operator : KP/MD
Sample : N5004-18
Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22019-8.5

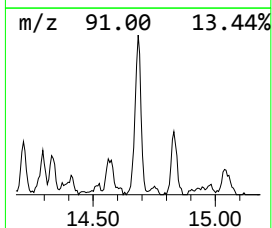
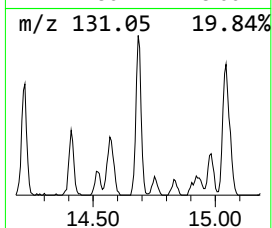
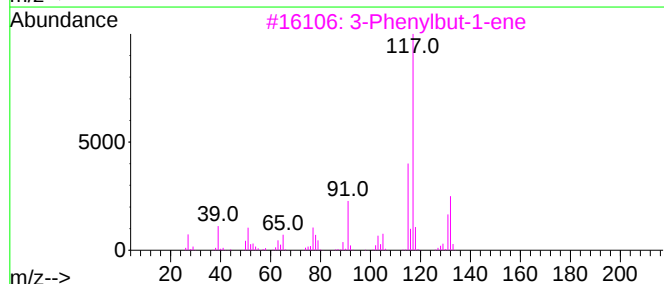
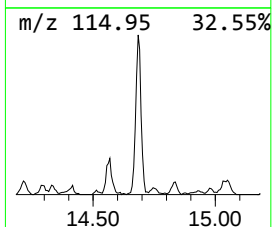
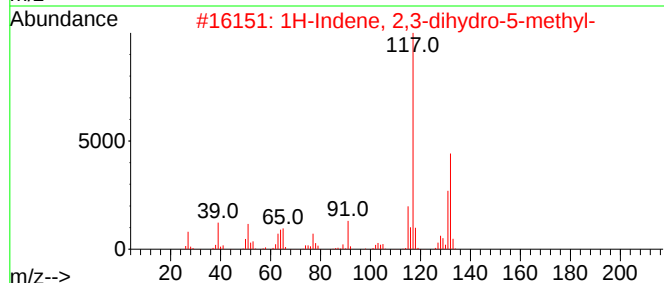
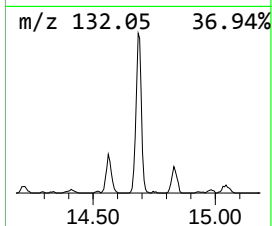
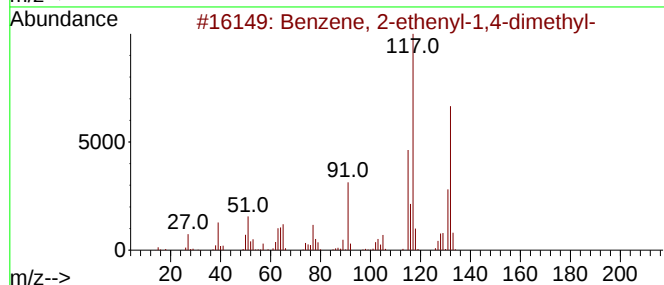
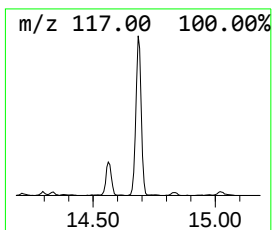
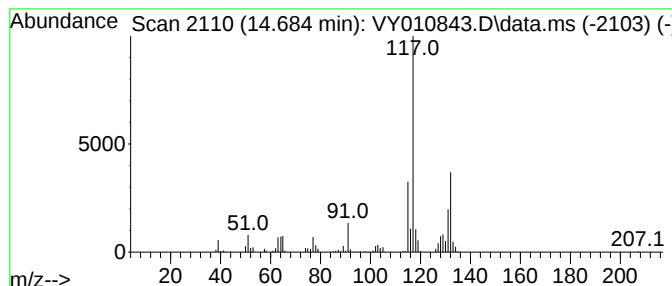
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	10.52 ug/l	203612	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
Data File : VY010843.D
Acq On : 06 Oct 2022 14:37
Operator : KP/MD
Sample : N5004-18
Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22019-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.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
Butane, 2-methyl-	2.900	29.5	ug/l	549136	1	7.789	930380	50.0
Butane, 2,3-dim...	4.698	93.2	ug/l	1735040	1	7.789	930380	50.0
Pentane, 2,4-di...	6.685	11.5	ug/l	213499	1	7.789	930380	50.0
Cyclopentane, m...	6.789	12.2	ug/l	227772	1	7.789	930380	50.0
Pentane, 2,3-di...	7.868	28.8	ug/l	535068	1	7.789	930380	50.0
Cyclopentane, 1...	8.271	12.7	ug/l	255488	2	8.691	1004030	50.0
Cyclopentane, 1...	8.338	12.7	ug/l	254553	2	8.691	1004030	50.0
Benzene, 1-ethy...	12.971	12.5	ug/l	242099	4	13.422	967437	50.0
Benzene, 1,1'-(...	13.623	46.6	ug/l	902029	4	13.422	967437	50.0
Benzene, 2-ethe...	14.684	10.5	ug/l	203612	4	13.422	967437	50.0