

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010901.D
 Acq On : 10 Oct 2022 19:20
 Operator : KP/MD
 Sample : N5067-18
 Misc : 7.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-B-2-VERT

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: VY010901.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.747	631	644	662	rBV	559716	1751483	1.24%	0.110%
2	7.527	928	936	943	rBV	842278	2046441	1.45%	0.128%
3	7.771	960	976	986	rBV4	1076051	3822211	2.72%	0.239%
4	8.002	1004	1014	1021	rBV	1093214	2699972	1.92%	0.169%
5	8.167	1029	1041	1053	rBV4	40521244	140687393	100.00%	8.806%
6	8.295	1053	1062	1068	rVV	1580128	3823877	2.72%	0.239%
7	8.411	1068	1081	1094	rVB4	717603	2785650	1.98%	0.174%
8	8.545	1094	1103	1118	rVB	3854541	7776300	5.53%	0.487%
9	8.685	1118	1126	1131	rBV2	1099565	2414192	1.72%	0.151%
10	9.185	1192	1208	1214	rBV	3121755	7810174	5.55%	0.489%
11	9.563	1259	1270	1273	rBV	662140	1810872	1.29%	0.113%
12	9.612	1273	1278	1285	rVB2	2153545	4009952	2.85%	0.251%
13	9.819	1307	1312	1316	rBV	1305001	2199919	1.56%	0.138%
14	9.959	1326	1335	1339	rBV	1042331	2262216	1.61%	0.142%
15	10.057	1345	1351	1358	rBV	1748605	3206666	2.28%	0.201%
16	10.179	1363	1371	1375	rVV4	2122779	4439337	3.16%	0.278%
17	10.252	1375	1383	1391	rVV3	40321958	105677358	75.12%	6.614%
18	10.374	1394	1403	1410	rVB2	4458282	8724541	6.20%	0.546%
19	10.520	1417	1427	1434	rVB4	809387	2252389	1.60%	0.141%
20	10.612	1434	1442	1455	rBV5	1411121	4385737	3.12%	0.275%
21	10.916	1488	1492	1496	rVV2	1024043	1810448	1.29%	0.113%
22	11.038	1508	1512	1516	rVV	852680	1466961	1.04%	0.092%
23	11.093	1516	1521	1526	rVV	944815	1857394	1.32%	0.116%
24	11.294	1544	1554	1564	rBV9	944963	3013550	2.14%	0.189%
25	11.410	1565	1573	1579	rVB2	856552	2325847	1.65%	0.146%
26	11.496	1579	1587	1594	rBV2	846654	2274403	1.62%	0.142%
27	11.593	1596	1603	1605	rVV2	46362424	76940494	54.69%	4.816%
28	11.624	1606	1608	1614	rVV	45629006	56637892	40.26%	3.545%
29	11.703	1614	1621	1624	rVV2	48465553	94757774	67.35%	5.931%
30	11.746	1625	1628	1635	rVV2	48472419	67873756	48.24%	4.248%
31	11.843	1639	1644	1651	rVV	3122867	5009795	3.56%	0.314%
32	11.989	1662	1668	1669	rBV	1498289	2151979	1.53%	0.135%
33	12.032	1669	1675	1677	rBV	48252490	78611089	55.88%	4.920%
34	12.215	1697	1705	1708	rBV3	954687	2197629	1.56%	0.138%
35	12.331	1715	1724	1730	rBV	21348294	34768890	24.71%	2.176%
36	12.605	1764	1769	1774	rBV	1601389	2440105	1.73%	0.153%

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37	12.672	1774	1780	1785	rVV	14440766	22449289	15.96%	1.405%
38	12.739	1785	1791	1794	rVV	42790553	77574868	55.14%	4.855%
39	12.770	1794	1796	1800	rVV	26355763	38290878	27.22%	2.397%
40	12.819	1800	1804	1810	rVB	37498672	60474645	42.99%	3.785%
41	12.977	1823	1830	1838	rVB	19266224	32901479	23.39%	2.059%
42	13.123	1845	1854	1861	rBV2	50447230	112317768	79.83%	7.030%
43	13.239	1866	1873	1880	rBV3	1968362	3917659	2.78%	0.245%
44	13.319	1880	1886	1892	rBV2	5987333	12966625	9.22%	0.812%
45	13.373	1892	1895	1901	rVB3	3990219	6330677	4.50%	0.396%
46	13.459	1901	1909	1913	rBV	30080284	50527348	35.91%	3.162%
47	13.507	1913	1917	1925	rVB	20029078	30984438	22.02%	1.939%
48	13.629	1925	1937	1938	rBV2	50927212	77783256	55.29%	4.868%
49	13.812	1961	1967	1974	rVB	29385623	51218537	36.41%	3.206%
50	13.885	1974	1979	1981	rBV	3641058	5242999	3.73%	0.328%
51	13.916	1981	1984	1988	rVV	4147546	5757451	4.09%	0.360%
52	13.971	1988	1993	1998	rVV2	7109011	11356782	8.07%	0.711%
53	14.032	1998	2003	2007	rVV2	2211499	4083493	2.90%	0.256%
54	14.081	2007	2011	2016	rVV	4027954	6219014	4.42%	0.389%
55	14.215	2028	2033	2037	rVB	1670176	2434439	1.73%	0.152%
56	14.294	2042	2046	2049	rVV	3750744	5747285	4.09%	0.360%
57	14.337	2049	2053	2057	rVV	7968509	11915082	8.47%	0.746%
58	14.398	2057	2063	2066	rVV2	2005108	4962345	3.53%	0.311%
59	14.440	2066	2070	2073	rVV3	2925641	4821849	3.43%	0.302%
60	14.471	2073	2075	2080	rVB3	1215558	1481470	1.05%	0.093%
61	14.562	2086	2090	2096	rBV	3093758	4835870	3.44%	0.303%
62	14.672	2102	2108	2115	rBV2	6037242	12517897	8.90%	0.783%
63	14.751	2115	2121	2127	rVB	12527853	19701191	14.00%	1.233%
64	14.830	2128	2134	2143	rVB	10895603	17771013	12.63%	1.112%
65	14.928	2143	2150	2157	rBV3	1836043	4261034	3.03%	0.267%
66	15.056	2166	2171	2178	rVB2	936206	1760704	1.25%	0.110%
67	15.245	2193	2202	2211	rVB3	47049950	118688160	84.36%	7.429%
68	15.336	2211	2217	2225	rVB	2005550	3541197	2.52%	0.222%
69	16.294	2366	2374	2387	rVB	8350693	16540090	11.76%	1.035%
70	16.489	2397	2406	2415	rVB	3726796	7612823	5.41%	0.476%

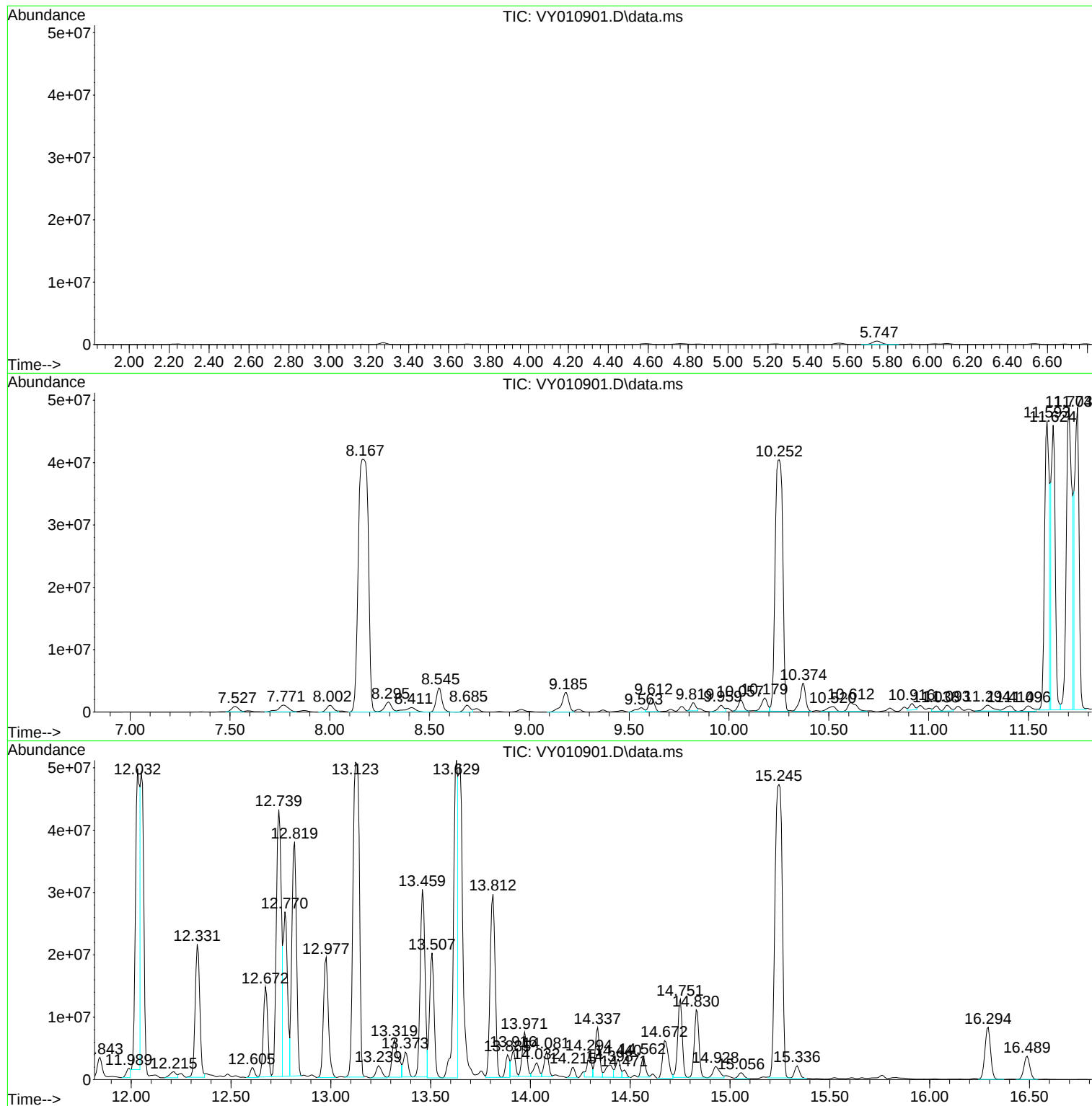
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Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

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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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

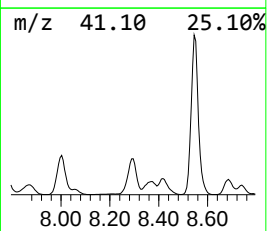
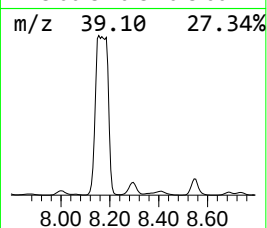
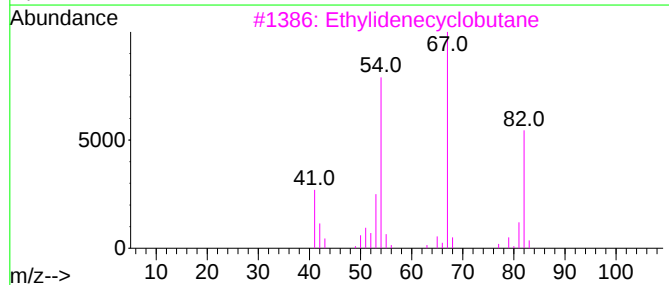
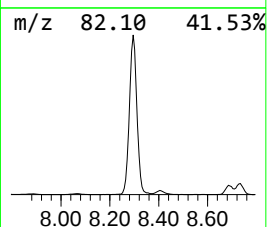
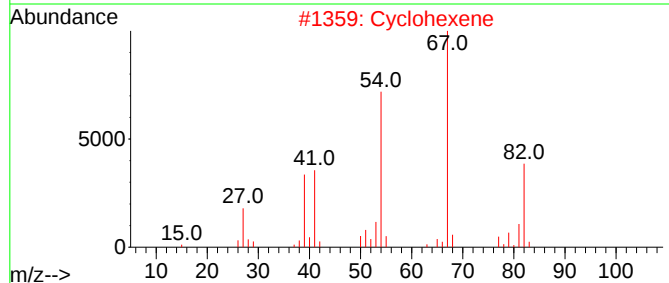
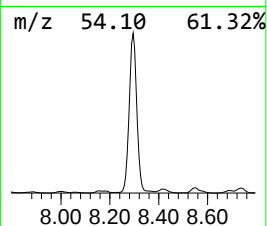
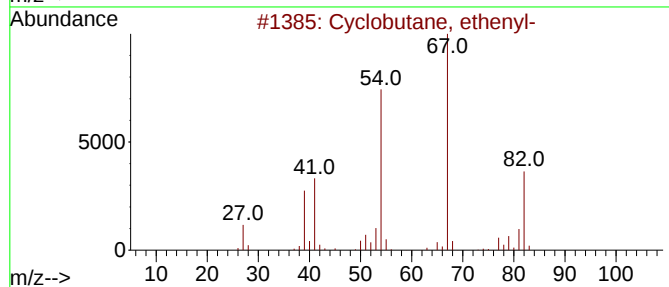
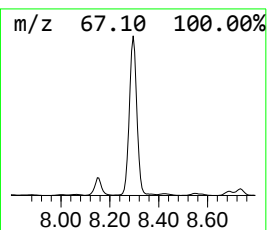
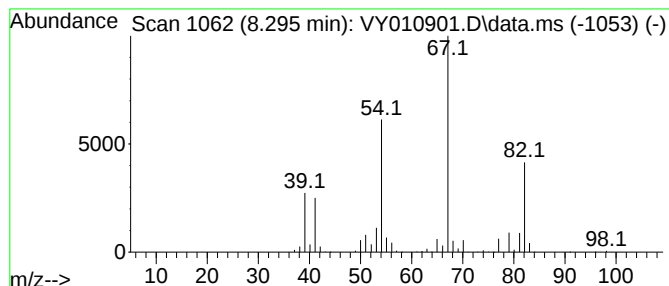
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclobutane, ethenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.295	79.20 ug/l	3823880	1,4-Difluorobenzene	8.691

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclobutane, ethenyl-	82	C6H10	002597-49-1	94
2		Cyclohexene	82	C6H10	000110-83-8	93
3		Ethylidenecyclobutane	82	C6H10	001528-21-8	87
4		4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	68
5		Cyclopentane, methylene-	82	C6H10	001528-30-9	64



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Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

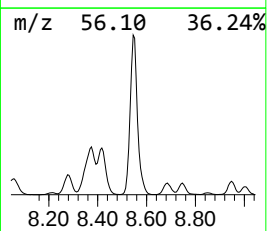
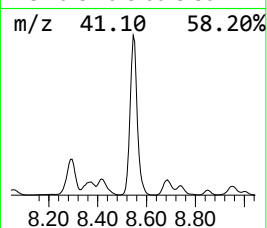
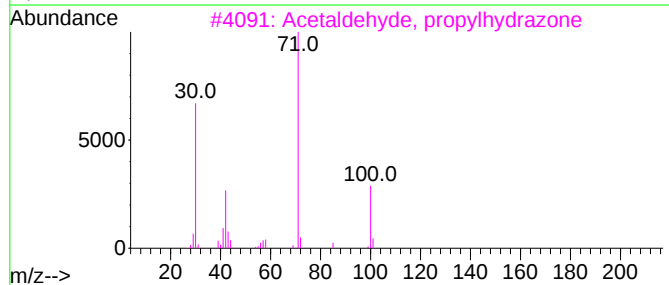
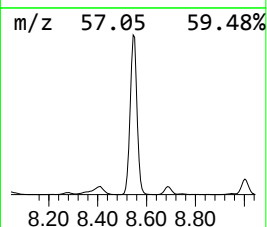
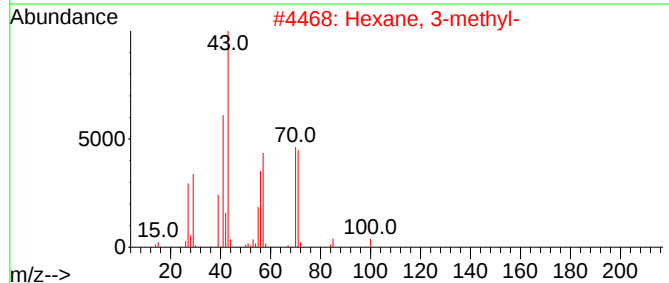
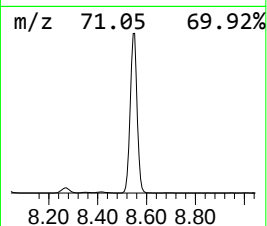
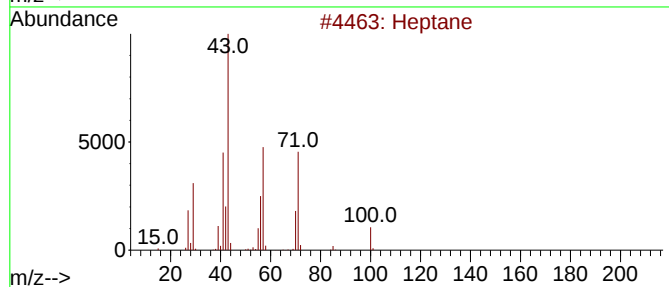
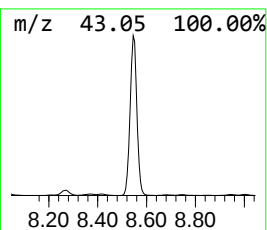
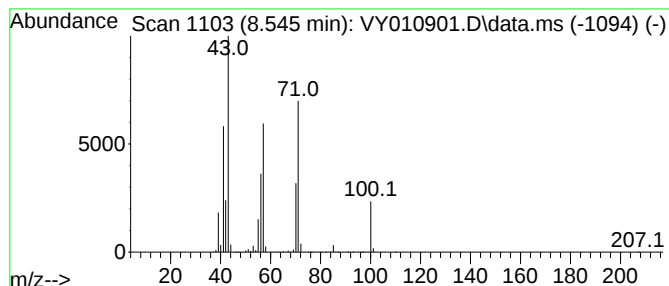
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 2 Heptane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	161.05 ug/l	7776300	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	50
3			Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	49
4			3-Hexanone	100	C6H12O	000589-38-8	43
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	43



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ClientSampleId :
COMP-B-2-VERT

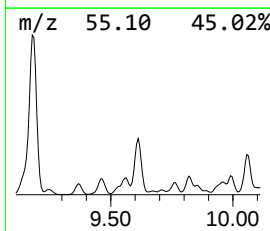
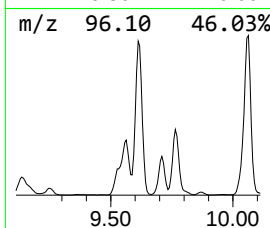
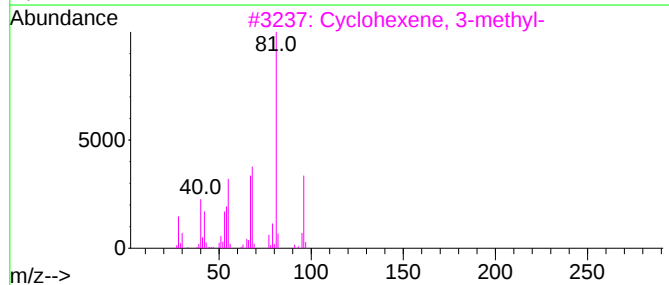
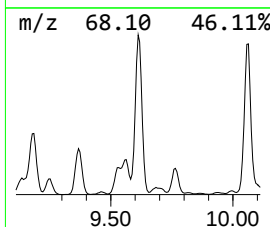
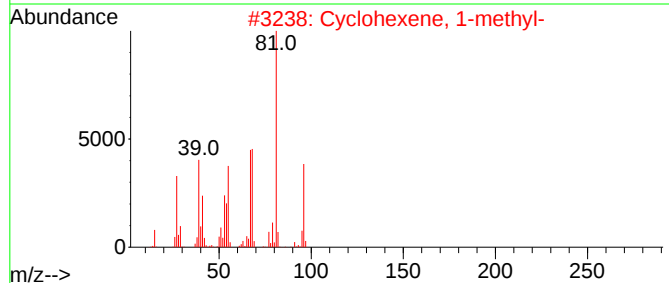
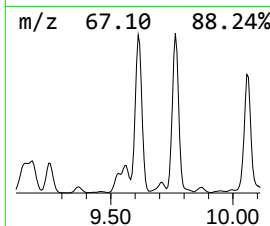
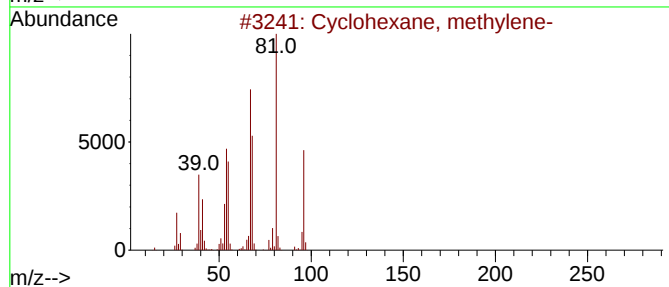
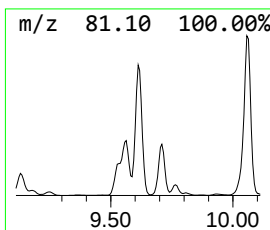
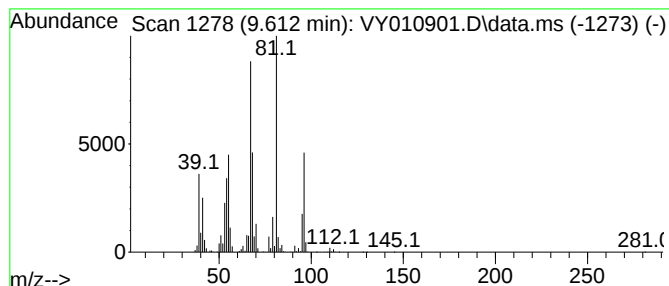
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, methylene- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	83.05 ug/l	4009950	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methylene-	96	C7H12	001192-37-6	95
2			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	81
3			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	64
4			Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	62
5			Cycloheptene	96	C7H12	000628-92-2	52



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Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

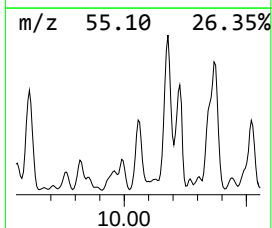
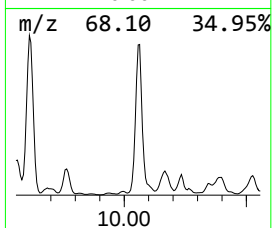
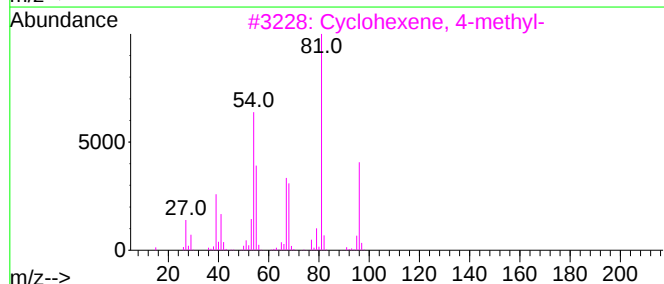
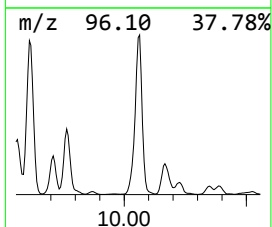
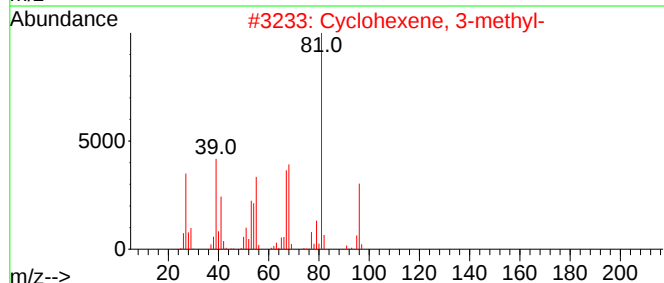
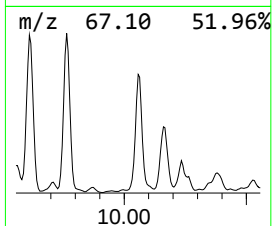
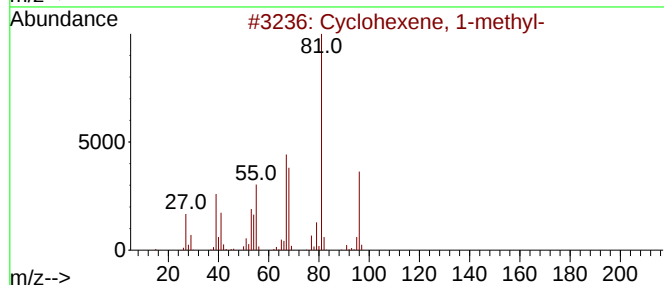
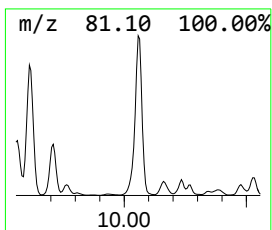
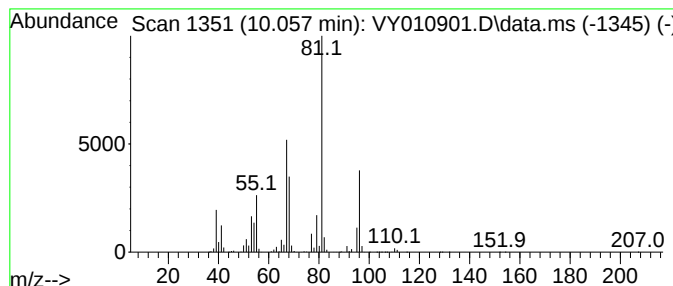
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Quant Title : SW846 8260

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

Peak Number 4 Cyclohexene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.057	66.41 ug/l	3206670	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87
3			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
4			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	59
5			Furan, 2-ethyl-	96	C6H8O	003208-16-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010901.D
Acq On : 10 Oct 2022 19:20
Operator : KP/MD
Sample : N5067-18
Misc : 7.74g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

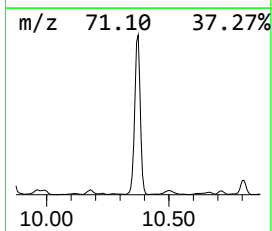
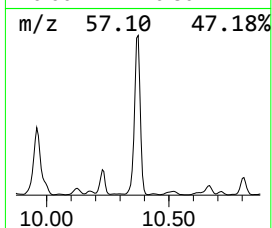
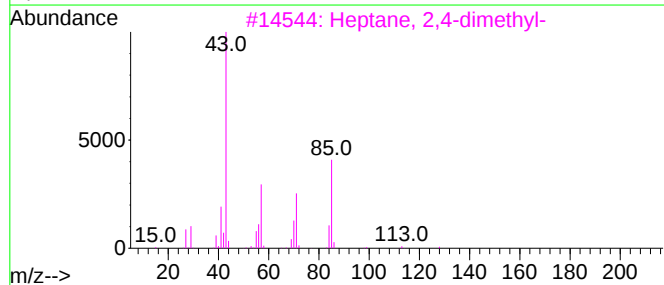
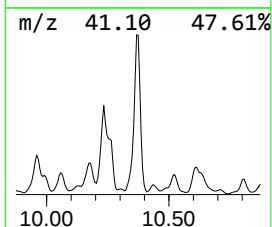
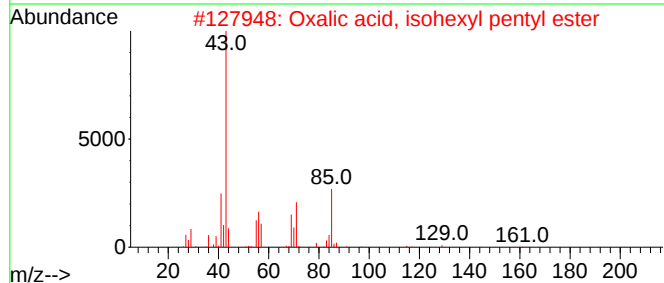
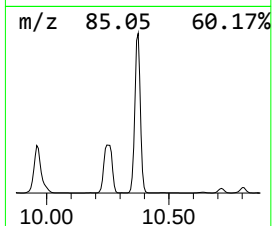
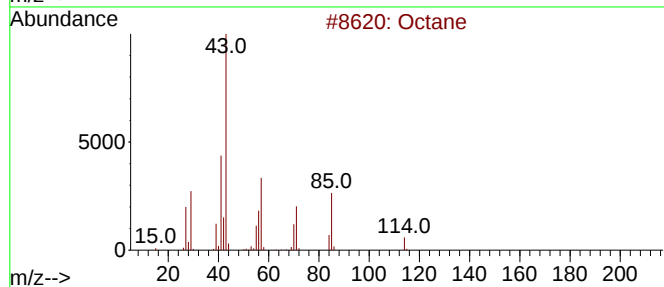
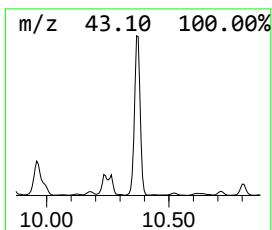
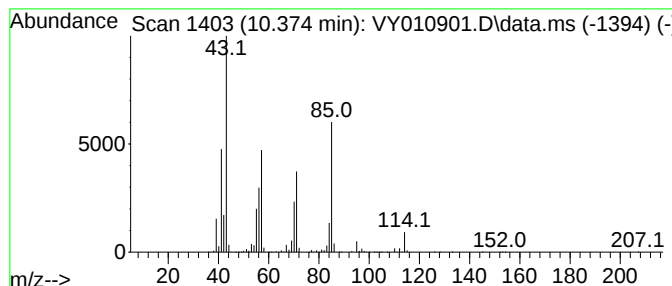
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Quant Title : SW846 8260

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

Peak Number 5 Octane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.374	191.80 ug/l	8724540	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane	114	C8H18	000111-65-9	94
2			Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	78
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5			Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010901.D
Acq On : 10 Oct 2022 19:20
Operator : KP/MD
Sample : N5067-18
Misc : 7.74g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

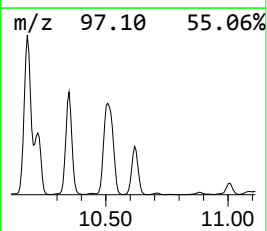
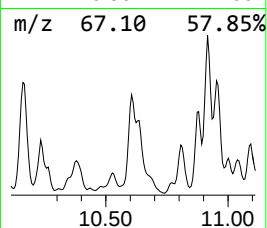
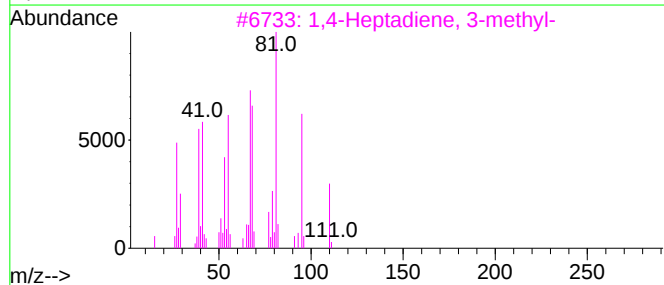
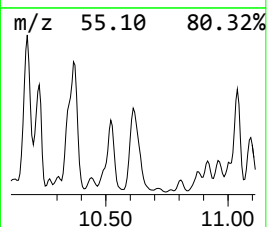
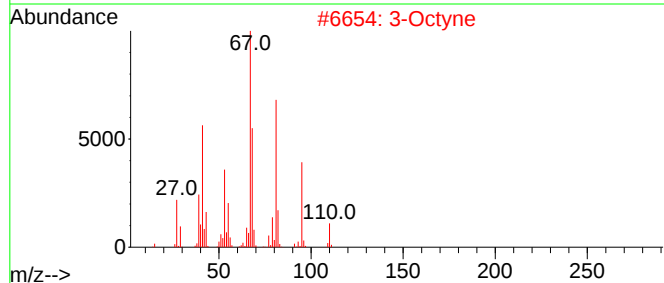
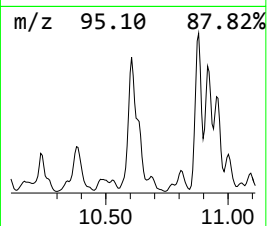
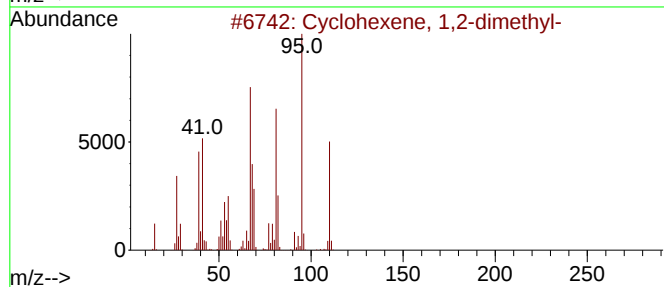
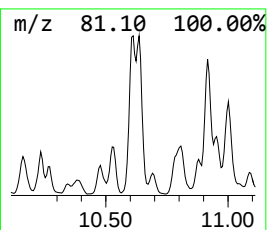
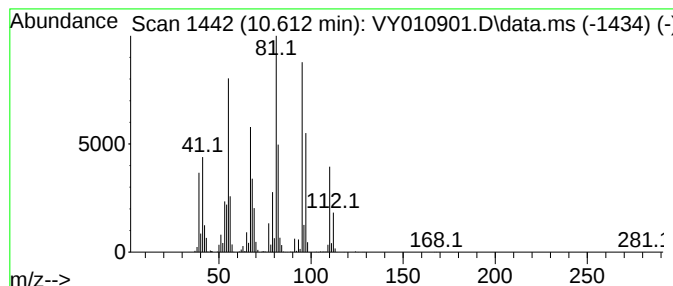
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Quant Title : SW846 8260

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

Peak Number 6 Cyclohexene, 1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.612	96.42 ug/l	4385740	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	91
2			3-Octyne	110	C8H14	015232-76-5	68
3			1,4-Heptadiene, 3-methyl-	110	C8H14	001603-01-6	62
4			Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	50
5			Cyclohexane, ethenyl-	110	C8H14	000695-12-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010901.D
Acq On : 10 Oct 2022 19:20
Operator : KP/MD
Sample : N5067-18
Misc : 7.74g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

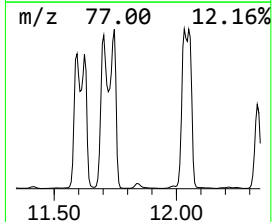
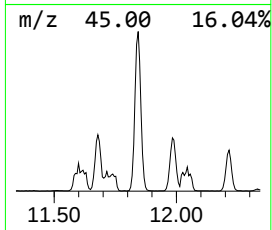
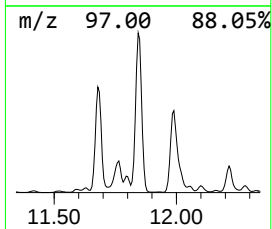
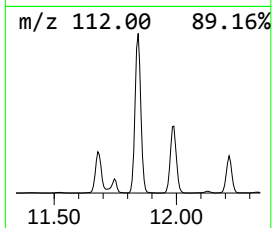
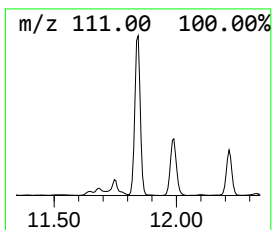
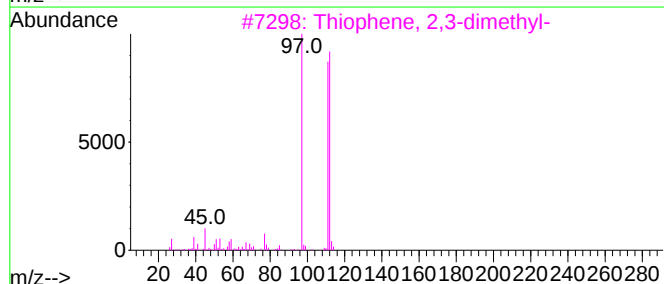
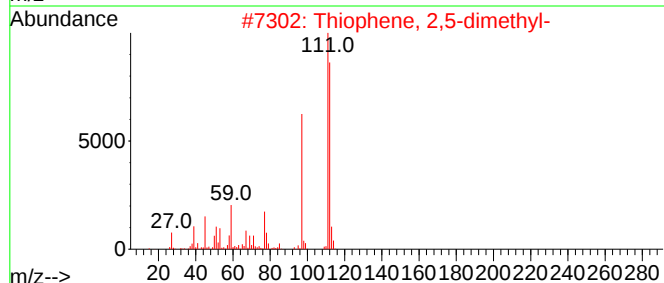
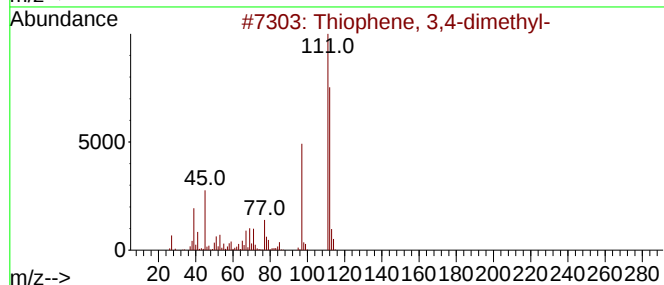
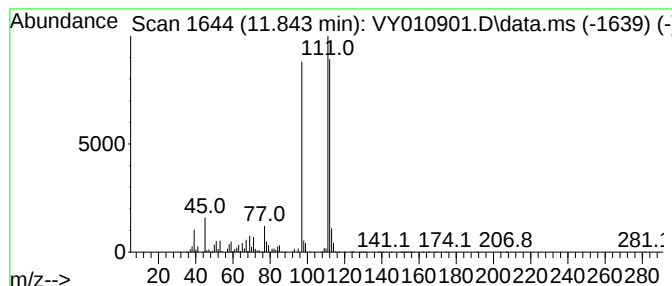
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Thiophene, 3,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.843	110.13 ug/l	5009800	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	94
2			Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	93
3			Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	87
4			Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87
5			Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010901.D
Acq On : 10 Oct 2022 19:20
Operator : KP/MD
Sample : N5067-18
Misc : 7.74g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

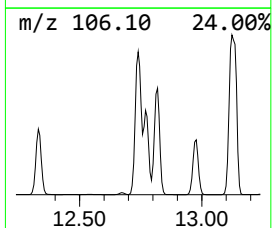
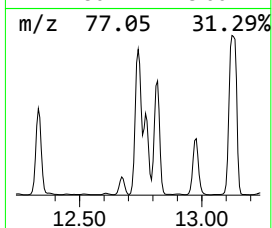
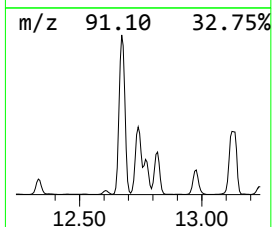
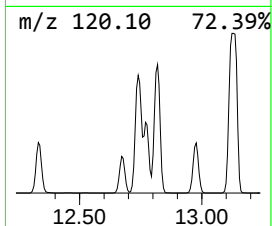
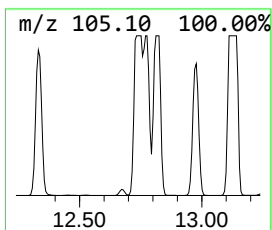
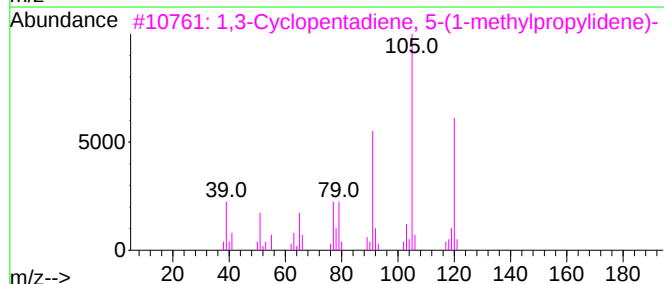
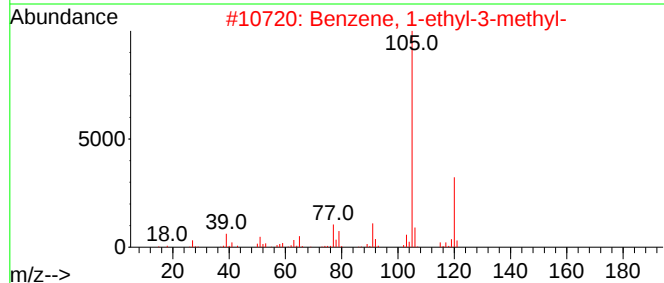
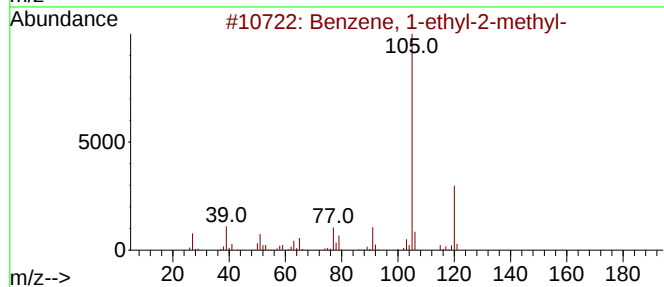
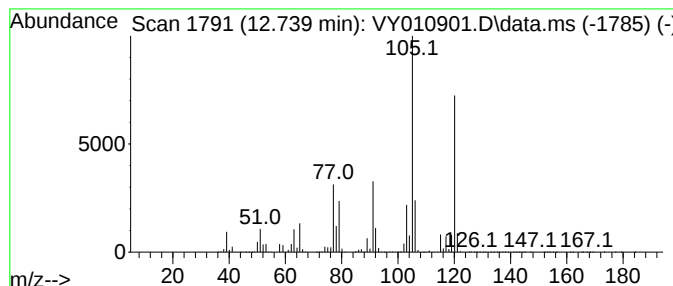
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	76.77 ug/l	77574900	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
3			1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	74
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
5			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010901.D
Acq On : 10 Oct 2022 19:20
Operator : KP/MD
Sample : N5067-18
Misc : 7.74g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

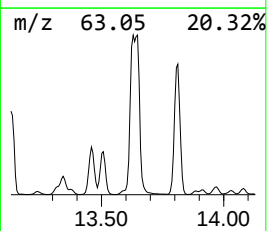
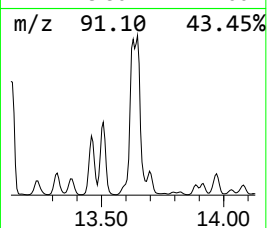
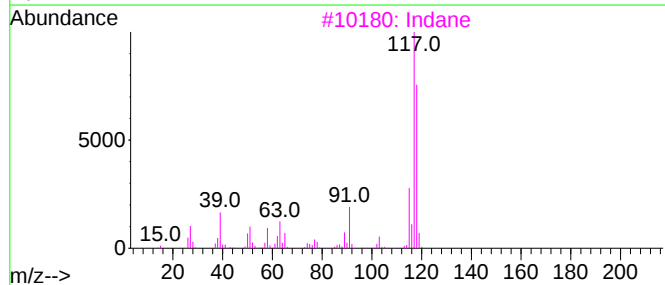
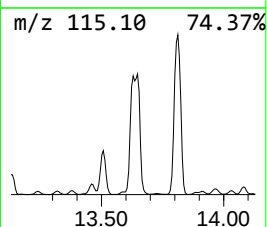
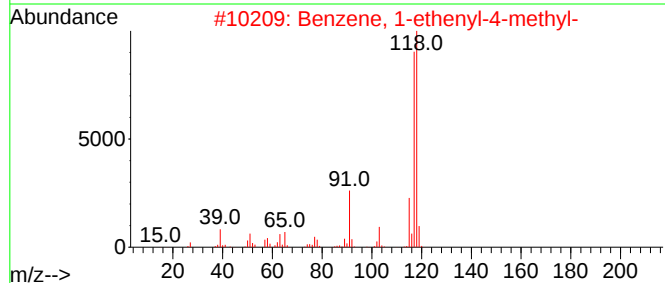
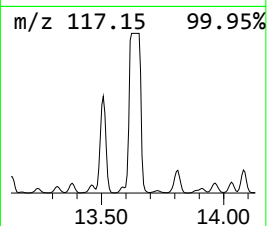
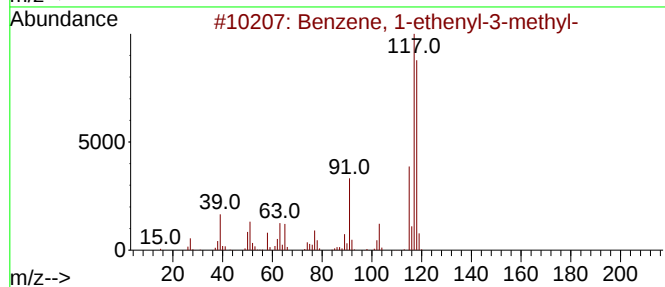
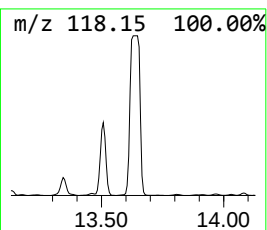
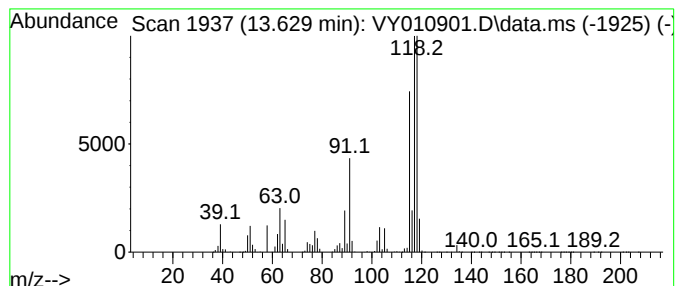
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethenyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	76.97 ug/l	77783300	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90
2			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	87
3			Indane	118	C9H10	000496-11-7	60
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010901.D
Acq On : 10 Oct 2022 19:20
Operator : KP/MD
Sample : N5067-18
Misc : 7.74g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

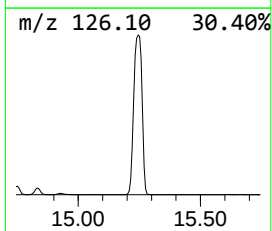
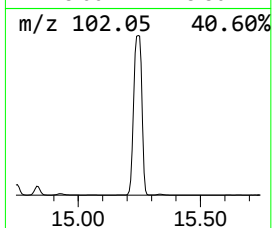
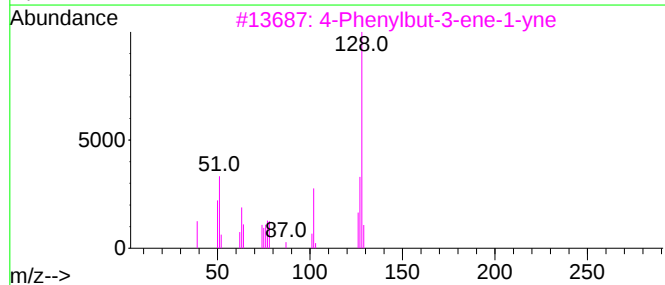
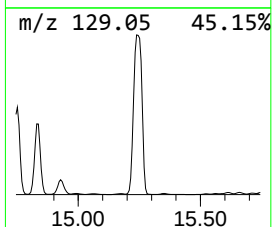
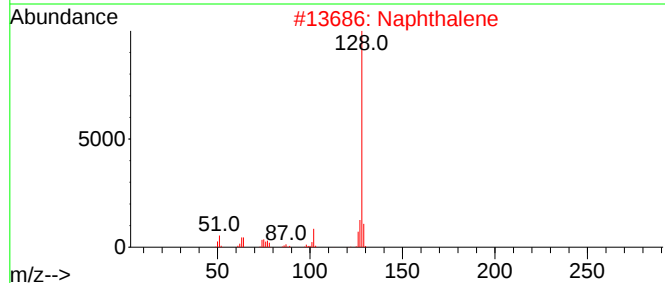
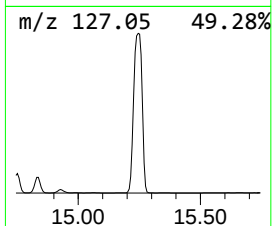
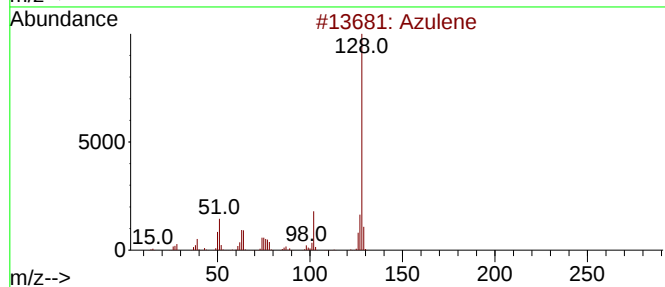
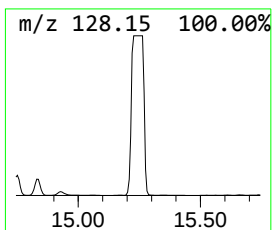
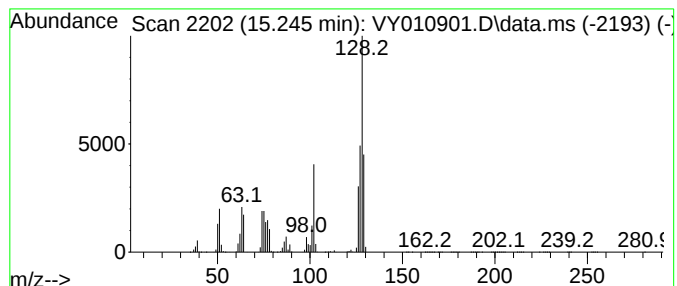
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Quant Title : SW846 8260

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

Peak Number 10 4-Phenylbut-3-ene-1-yne Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	117.45 ug/l	118688000	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	94
2			Naphthalene	128	C10H8	000091-20-3	93
3			4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	81
4			[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	52
5			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010901.D
Acq On : 10 Oct 2022 19:20
Operator : KP/MD
Sample : N5067-18
Misc : 7.74g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

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
Cyclobutane, et...	8.295	79.2	ug/l	3823880	2	8.691	2414190	50.0
Heptane	8.545	161.1	ug/l	7776300	2	8.691	2414190	50.0
Cyclohexane, me...	9.612	83.0	ug/l	4009950	2	8.691	2414190	50.0
Cyclohexene, 1-...	10.057	66.4	ug/l	3206670	2	8.691	2414190	50.0
Octane	10.374	191.8	ug/l	8724540	3	11.496	2274400	50.0
Cyclohexene, 1,...	10.612	96.4	ug/l	4385740	3	11.496	2274400	50.0
Thiophene, 3,4-...	11.843	110.1	ug/l	5009800	3	11.496	2274400	50.0
Benzene, 1-ethy...	12.739	76.8	ug/l	77574900	4	13.428	50527300	50.0
Benzene, 1-ethe...	13.629	77.0	ug/l	77783300	4	13.428	50527300	50.0
4-Phenylbut-3-e...	15.245	117.5	ug/l	118688000	4	13.428	50527300	50.0