

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007621.D
 Acq On : 24 Feb 2022 16:40
 Operator : SY/MD
 Sample : N1539-03
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3

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\82Y022322S.M

Title : SW846 8260

Signal : TIC: VY007621.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.906	171	178	189	rBV2	13563	30090	1.68%	0.231%
2	4.710	463	474	475	rBV2	9574	17946	1.00%	0.138%
3	4.771	479	484	495	rVB6	13125	43016	2.41%	0.330%
4	5.241	547	561	579	rVB3	10974	39481	2.21%	0.303%
5	5.759	632	646	655	rBV5	8467	26645	1.49%	0.204%
6	6.545	763	775	785	rVB3	7250	21787	1.22%	0.167%
7	6.795	807	816	825	rBV2	21291	60483	3.38%	0.464%
8	7.527	928	936	945	rVB2	14871	35483	1.99%	0.272%
9	7.722	959	968	973	rBV	71102	177487	9.93%	1.361%
10	7.789	973	979	987	rVV	125755	314346	17.59%	2.410%
11	7.868	987	992	1003	rVB2	16452	43742	2.45%	0.335%
12	8.002	1003	1014	1021	rBV3	24766	56467	3.16%	0.433%
13	8.142	1028	1037	1047	rBV	62245	133349	7.46%	1.022%
14	8.283	1052	1060	1062	rBV5	14452	31611	1.77%	0.242%
15	8.325	1062	1067	1078	rVB	29293	84107	4.71%	0.645%
16	8.423	1078	1083	1093	rVB4	6824	18409	1.03%	0.141%
17	8.551	1093	1104	1115	rBB3	17565	45232	2.53%	0.347%
18	8.691	1118	1127	1134	rBV	186535	382955	21.43%	2.936%
19	8.965	1158	1172	1176	rBV7	7576	23378	1.31%	0.179%
20	9.185	1195	1208	1213	rBV4	31749	93619	5.24%	0.718%
21	9.240	1213	1217	1226	rVB4	14387	29120	1.63%	0.223%
22	9.618	1273	1279	1288	rVB2	19454	37611	2.10%	0.288%
23	9.709	1288	1294	1296	rBV	14398	23225	1.30%	0.178%
24	9.752	1296	1301	1307	rVB4	24577	52422	2.93%	0.402%
25	9.819	1307	1312	1315	rBV2	15454	26670	1.49%	0.204%
26	9.953	1325	1334	1345	rBV3	20387	50706	2.84%	0.389%
27	10.063	1345	1352	1356	rBV4	10438	21357	1.20%	0.164%
28	10.179	1364	1371	1376	rBV	274524	471738	26.40%	3.617%
29	10.246	1376	1382	1389	rVB	727597	1246372	69.74%	9.557%
30	10.374	1395	1403	1409	rVB7	19909	43549	2.44%	0.334%
31	10.612	1436	1442	1451	rVB9	11097	27757	1.55%	0.213%
32	10.880	1478	1486	1489	rBV3	10020	21377	1.20%	0.164%
33	11.282	1543	1552	1556	rBV4	16090	32618	1.83%	0.250%
34	11.380	1563	1568	1577	rBV3	13286	26859	1.50%	0.206%
35	11.489	1579	1586	1593	rVV	259412	414827	23.21%	3.181%
36	11.593	1596	1603	1612	rVV	612355	955964	53.49%	7.330%

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37	11.703	1612	1621	1631	rVV	592221	1116062	62.45%	8.557%
38	12.026	1662	1674	1684	rBV	1125293	1787116	100.00%	13.703%
39	12.331	1718	1724	1730	rBV	34366	54481	3.05%	0.418%
40	12.483	1739	1749	1759	rVB3	290039	526191	29.44%	4.035%
41	12.672	1773	1780	1785	rBV	83556	126203	7.06%	0.968%
42	12.733	1785	1790	1793	rVV	225898	353781	19.80%	2.713%
43	12.764	1793	1795	1799	rVV	179343	249307	13.95%	1.912%
44	12.812	1799	1803	1809	rVB	231201	340188	19.04%	2.608%
45	12.971	1821	1829	1837	rBV	224190	341776	19.12%	2.621%
46	13.117	1847	1853	1859	rVB	186361	275307	15.41%	2.111%
47	13.312	1878	1885	1889	rVB	16102	28023	1.57%	0.215%
48	13.422	1896	1903	1906	rVV	238415	397559	22.25%	3.048%
49	13.452	1906	1908	1915	rVB	235819	317894	17.79%	2.437%
50	13.593	1924	1931	1932	rBV2	33708	48395	2.71%	0.371%
51	13.623	1932	1936	1940	rVV	223666	356803	19.97%	2.736%
52	13.660	1940	1942	1951	rVV2	90660	153726	8.60%	1.179%
53	13.751	1953	1957	1961	rVV4	11677	18409	1.03%	0.141%
54	13.818	1961	1968	1974	rVV3	28470	56343	3.15%	0.432%
55	13.885	1974	1979	1981	rVV	39179	59665	3.34%	0.457%
56	13.910	1981	1983	1988	rVV	30812	44084	2.47%	0.338%
57	13.971	1988	1993	1998	rVV2	95108	148225	8.29%	1.137%
58	14.032	1998	2003	2006	rVV2	13199	20197	1.13%	0.155%
59	14.080	2006	2011	2017	rVB	52848	81347	4.55%	0.624%
60	14.215	2027	2033	2038	rBV	22650	34375	1.92%	0.264%
61	14.294	2038	2046	2049	rVV	48051	78517	4.39%	0.602%
62	14.330	2049	2052	2057	rVV	67062	101007	5.65%	0.774%
63	14.379	2057	2060	2064	rVV2	17668	25756	1.44%	0.197%
64	14.562	2086	2090	2095	rVV	44299	69380	3.88%	0.532%
65	14.611	2095	2098	2102	rVB3	14779	20619	1.15%	0.158%
66	14.684	2102	2110	2115	rBV3	86332	175848	9.84%	1.348%
67	14.739	2115	2119	2126	rVB3	12124	21979	1.23%	0.169%
68	14.830	2129	2134	2142	rBV6	11807	19545	1.09%	0.150%
69	14.940	2147	2152	2156	rBV5	16186	31577	1.77%	0.242%
70	15.056	2164	2171	2178	rVB4	15789	37366	2.09%	0.287%
71	15.233	2188	2200	2206	rBV	152454	259701	14.53%	1.991%
72	15.336	2211	2217	2223	rVV4	12154	23763	1.33%	0.182%
73	16.287	2367	2373	2381	rVB2	26405	50298	2.81%	0.386%
74	16.489	2399	2406	2413	rBV2	14686	29416	1.65%	0.226%

Sum of corrected areas: 13042034

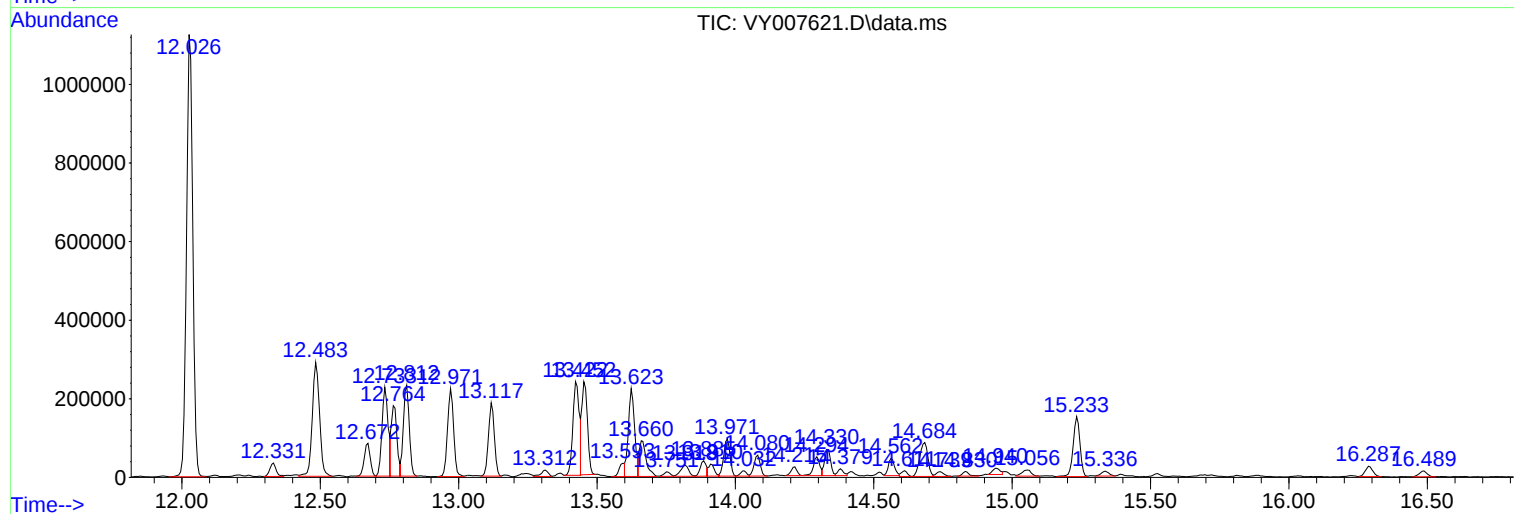
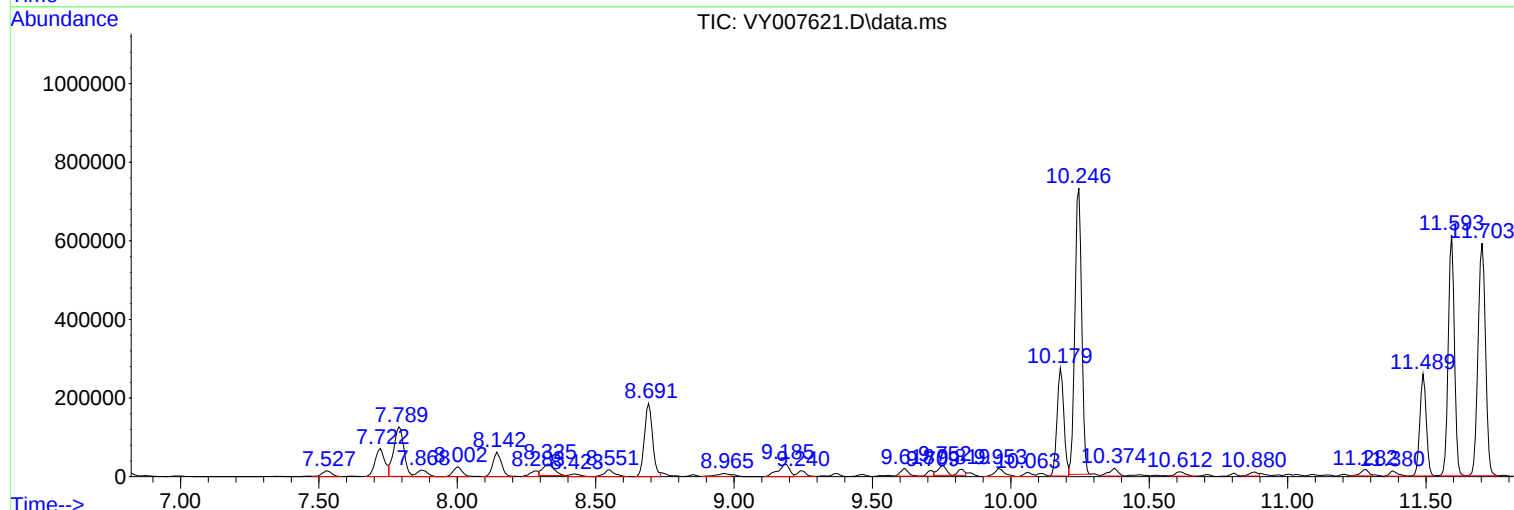
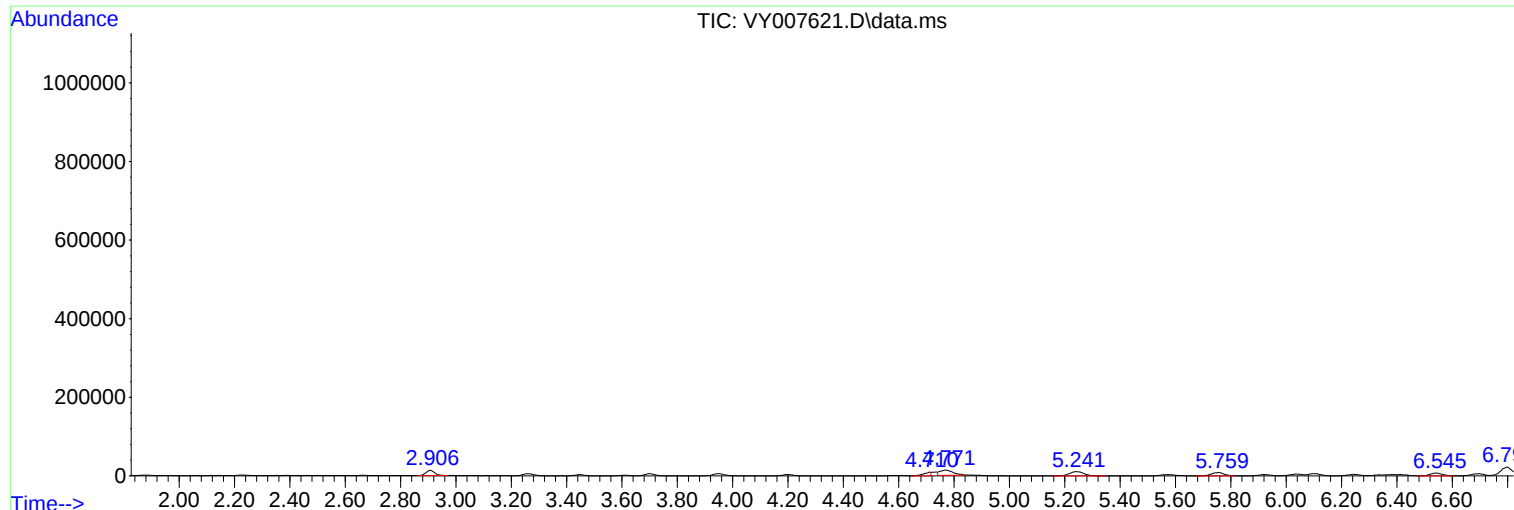
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

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Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

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



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-3

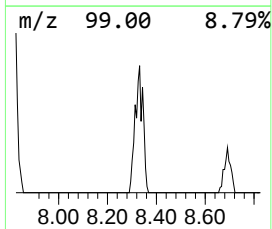
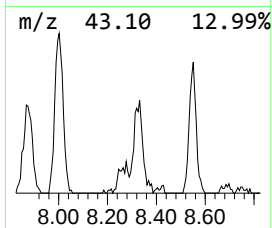
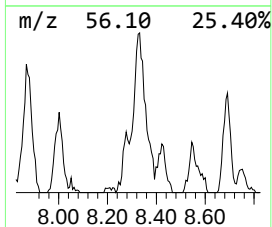
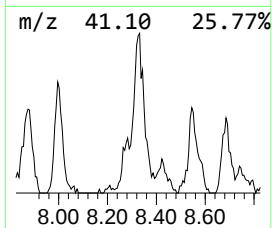
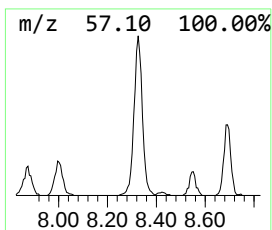
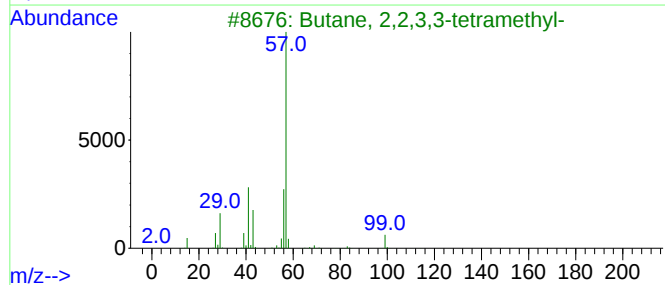
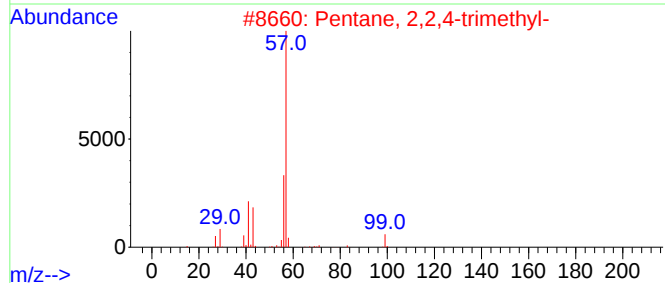
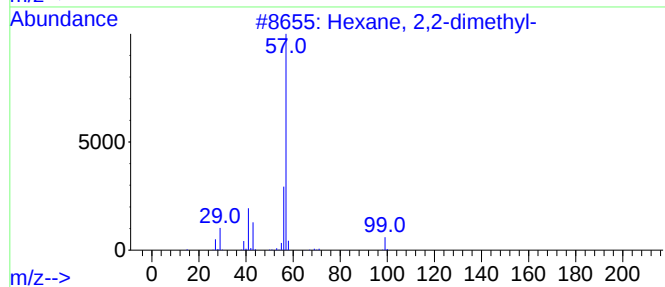
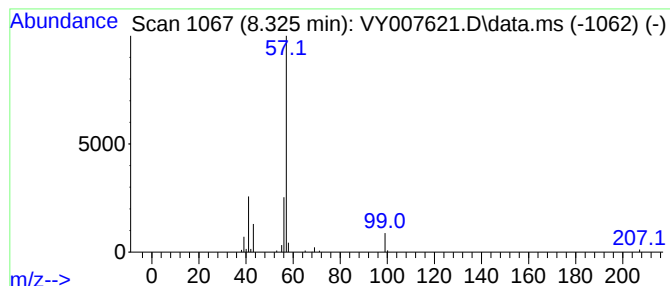
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

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

Peak Number 1 Hexane, 2,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	10.98 ug/l	84107	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
4			Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	39
5			Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	38



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Instrument :
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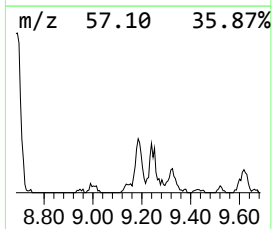
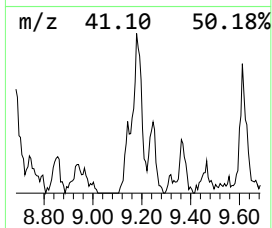
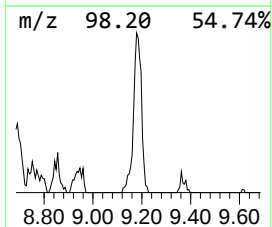
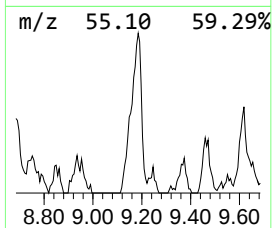
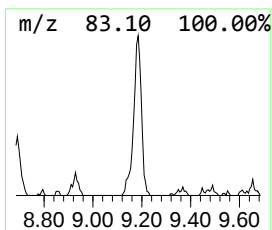
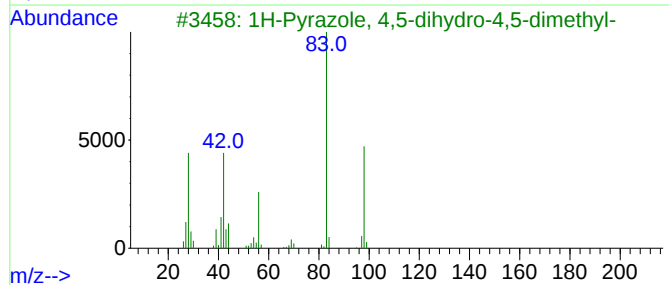
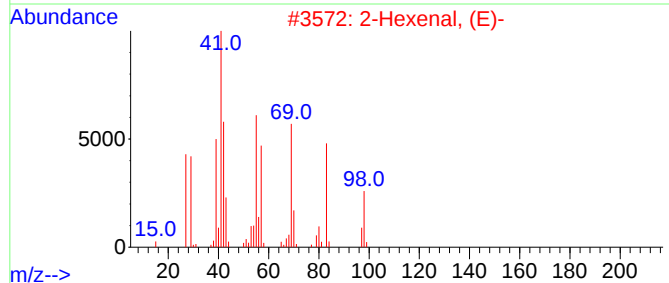
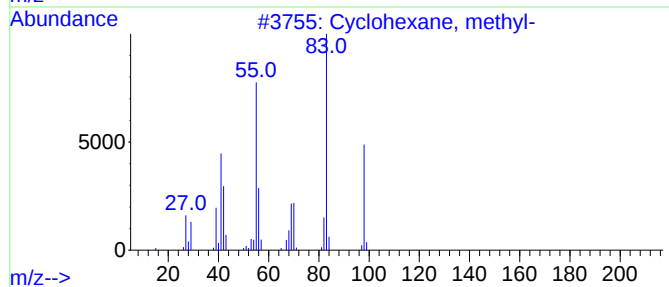
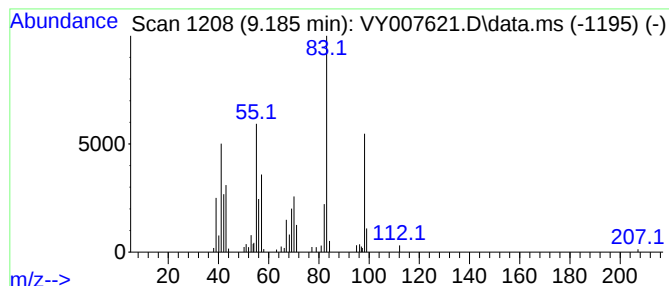
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

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

Peak Number 2 2-Hexenal, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.185	12.22 ug/l	93619	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methyl-	98	C7H14	000108-87-2	83
2			2-Hexenal, (E)-	98	C6H10O	006728-26-3	64
3			1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	58
4			1H-Pyrazole, 3-ethyl-4,5-dihydro-	98	C5H10N2	005920-29-6	58
5			Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	53



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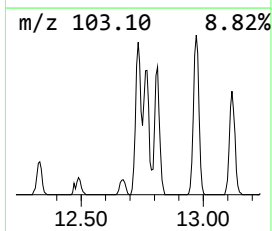
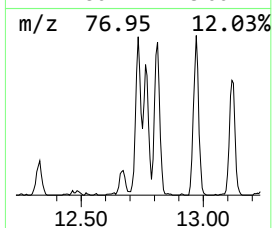
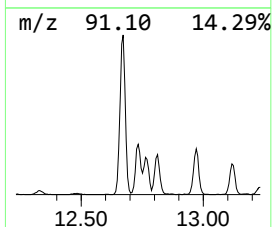
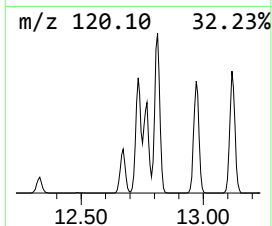
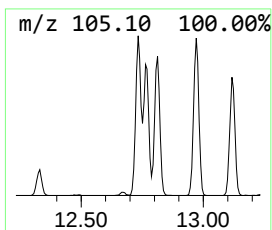
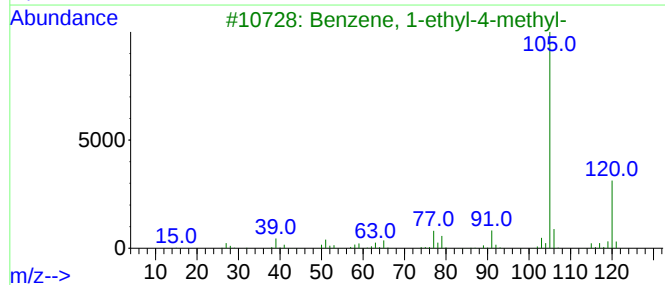
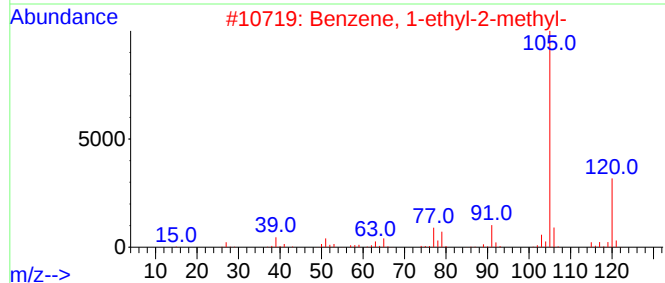
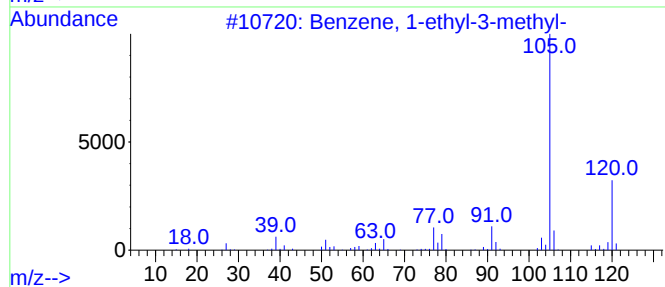
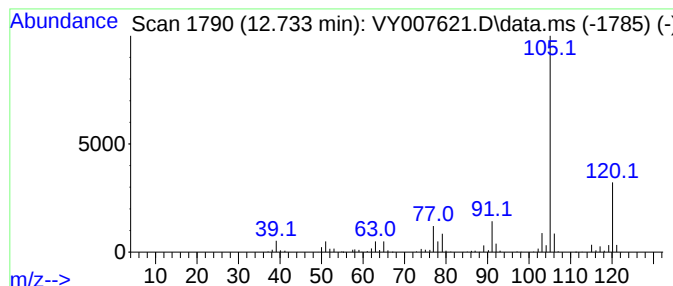
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	44.49 ug/l	353781	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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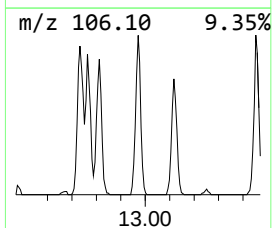
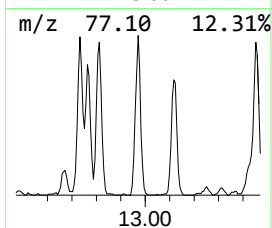
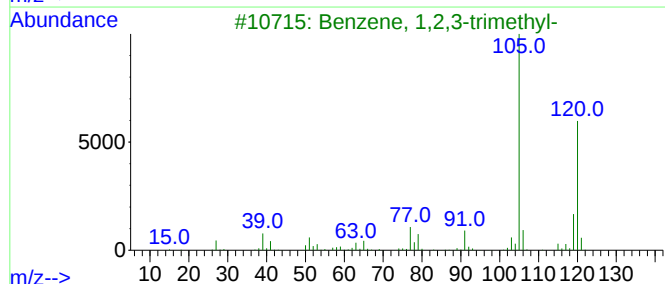
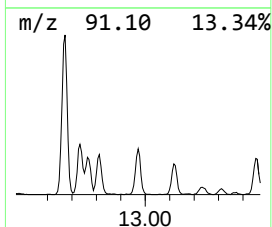
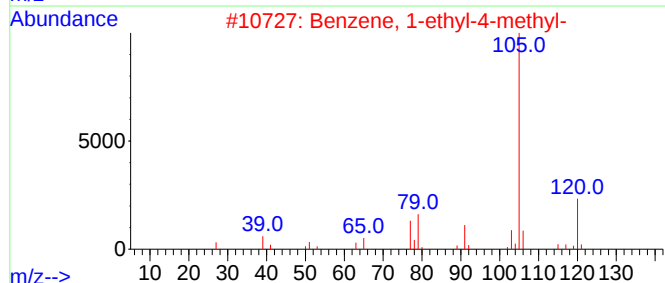
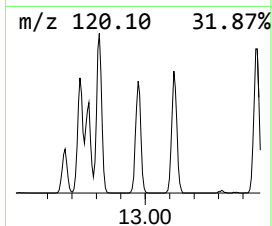
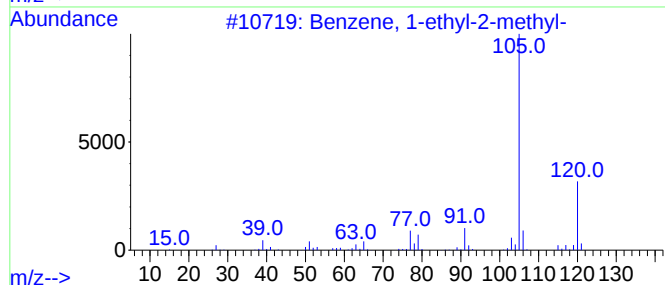
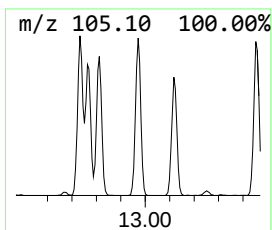
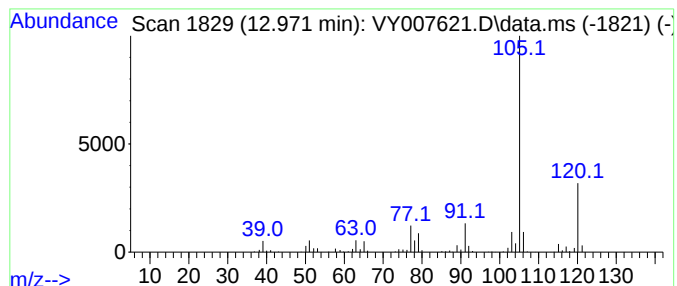
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	42.98 ug/l	341776	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	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
Data File : VY007621.D
Acq On : 24 Feb 2022 16:40
Operator : SY/MD
Sample : N1539-03
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-3

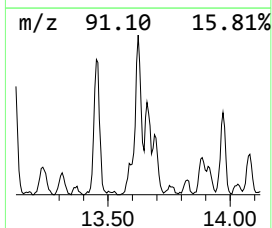
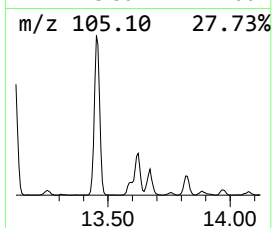
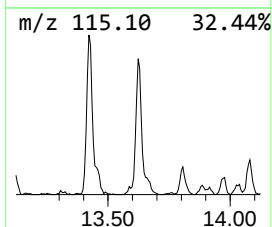
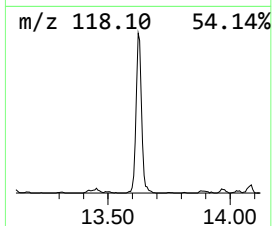
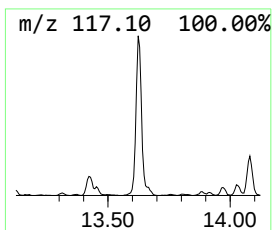
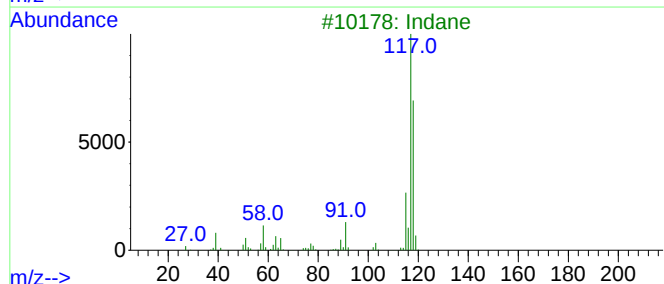
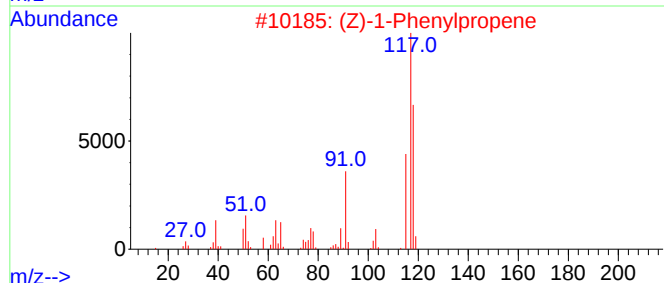
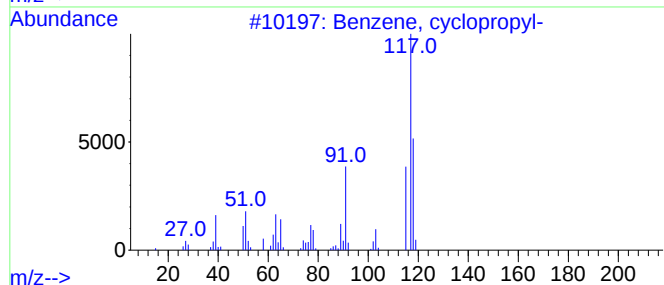
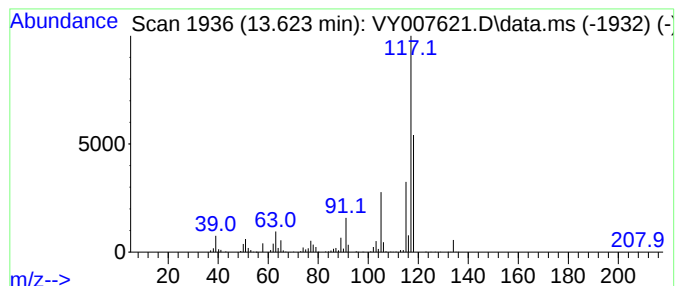
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, cyclopropyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	44.87 ug/l	356803	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
2			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
3			Indane	118	C9H10	000496-11-7	70
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
Data File : VY007621.D
Acq On : 24 Feb 2022 16:40
Operator : SY/MD
Sample : N1539-03
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-3

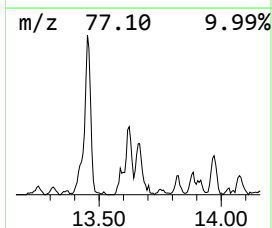
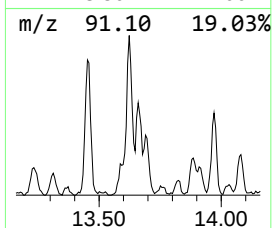
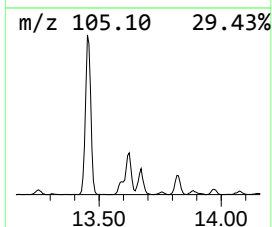
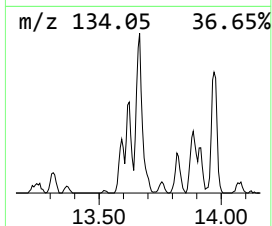
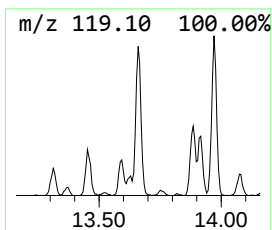
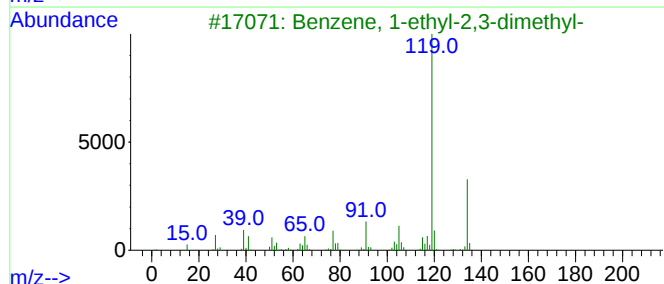
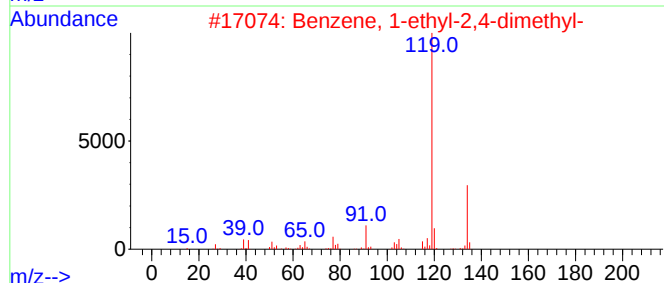
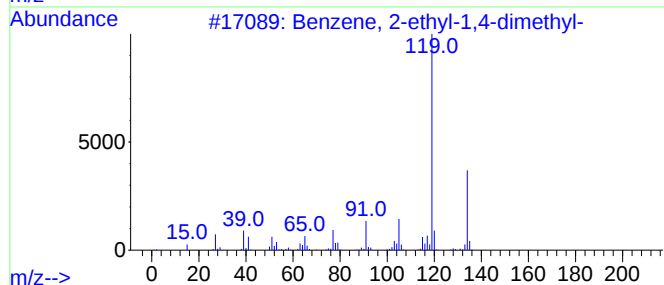
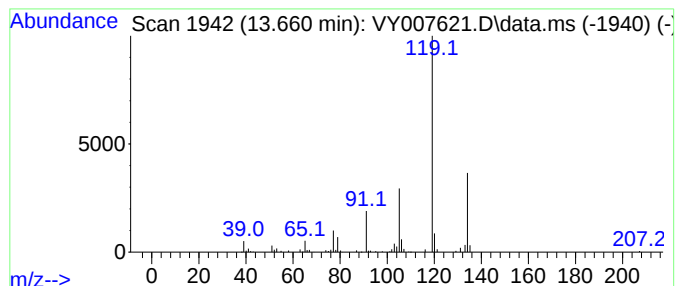
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.660	19.33 ug/l	153726	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	80
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80
5			o-Cymene	134	C10H14	000527-84-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
Data File : VY007621.D
Acq On : 24 Feb 2022 16:40
Operator : SY/MD
Sample : N1539-03
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-3

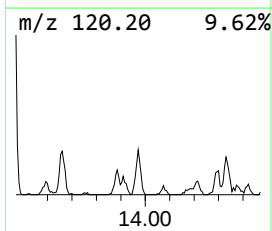
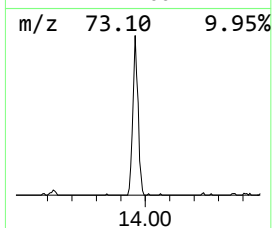
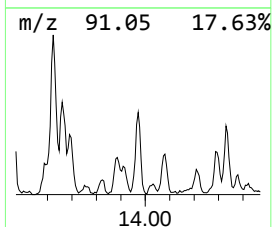
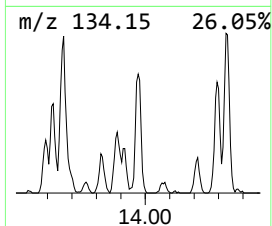
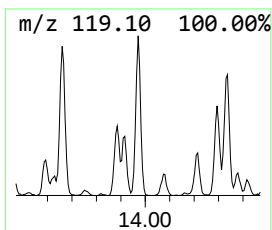
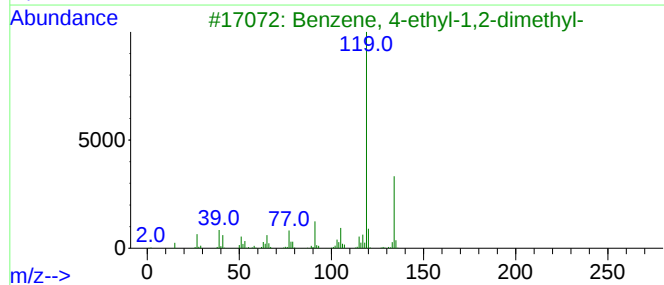
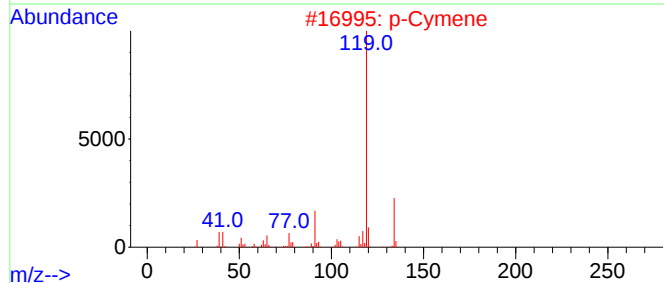
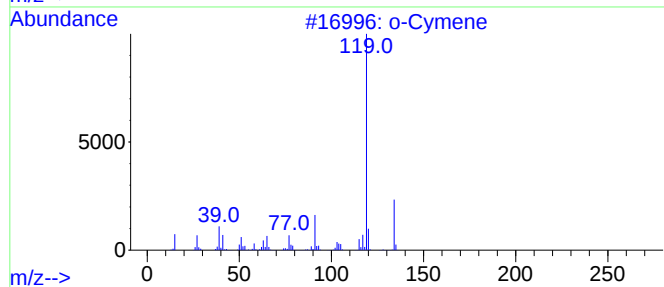
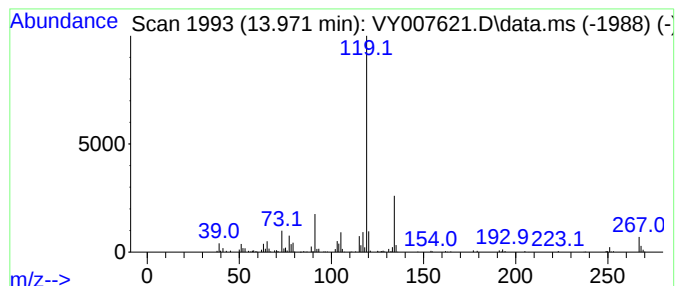
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Quant Title : SW846 8260

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

Peak Number 7 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	18.64 ug/l	148225	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			p-Cymene	134	C10H14	000099-87-6	94
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
Data File : VY007621.D
Acq On : 24 Feb 2022 16:40
Operator : SY/MD
Sample : N1539-03
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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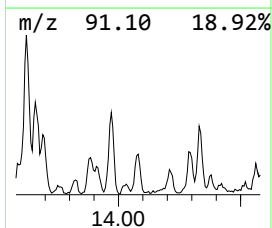
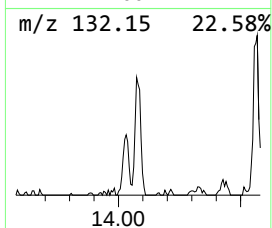
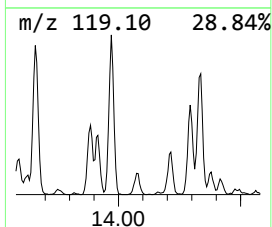
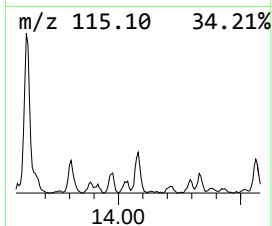
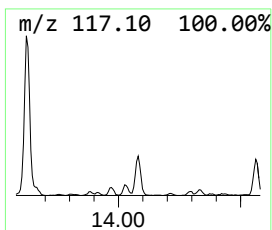
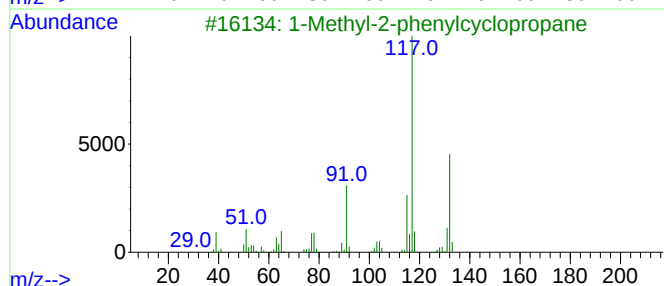
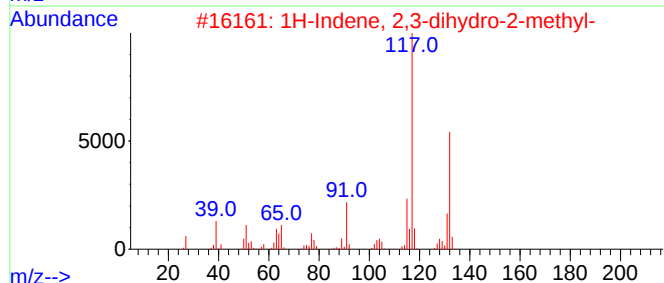
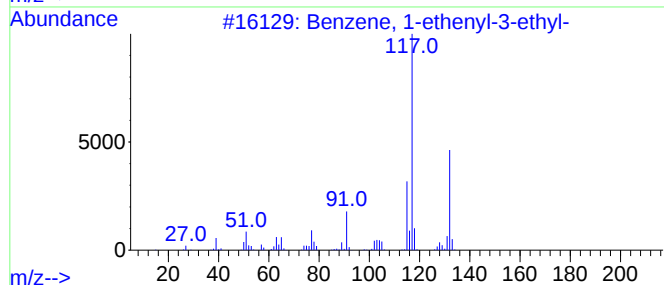
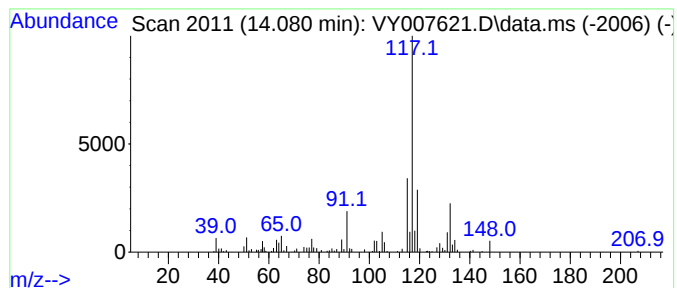
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	10.23 ug/l	81347	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	94
2			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	81
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
4			1-Phenyl-1-butene	132	C10H12	000824-90-8	81
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
Data File : VY007621.D
Acq On : 24 Feb 2022 16:40
Operator : SY/MD
Sample : N1539-03
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-3

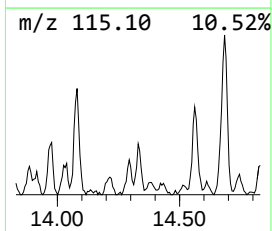
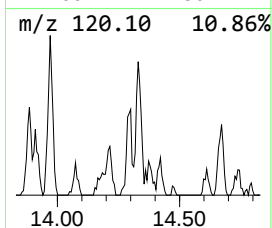
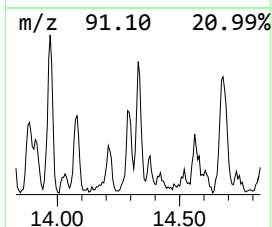
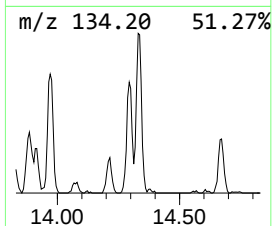
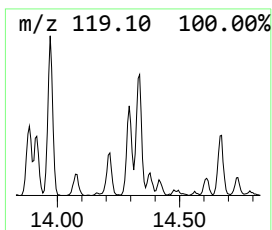
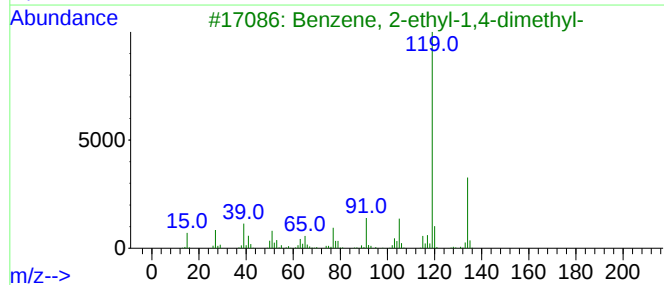
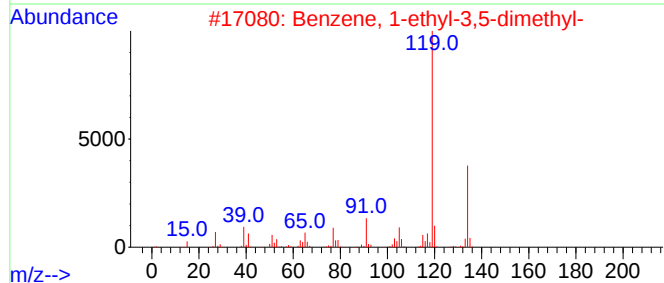
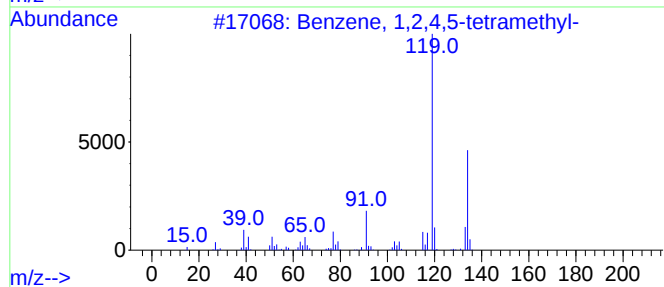
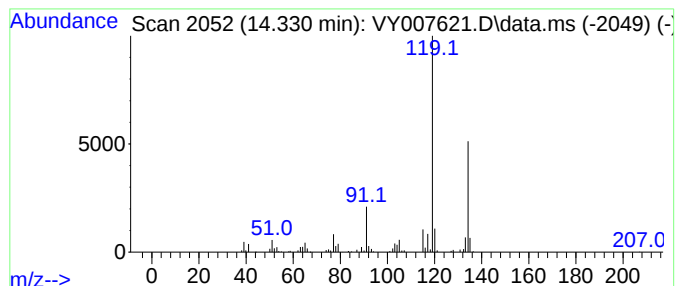
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.330	12.70 ug/l	101007	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
5			o-Cymene	134	C10H14	000527-84-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
Data File : VY007621.D
Acq On : 24 Feb 2022 16:40
Operator : SY/MD
Sample : N1539-03
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-3

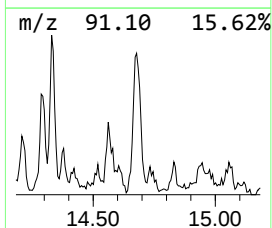
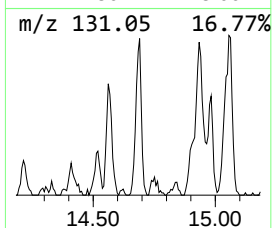
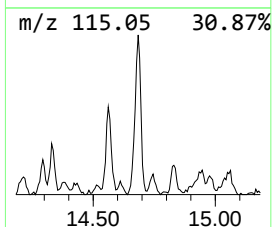
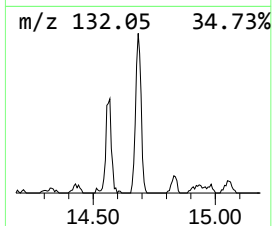
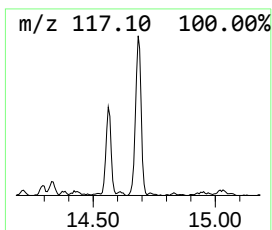
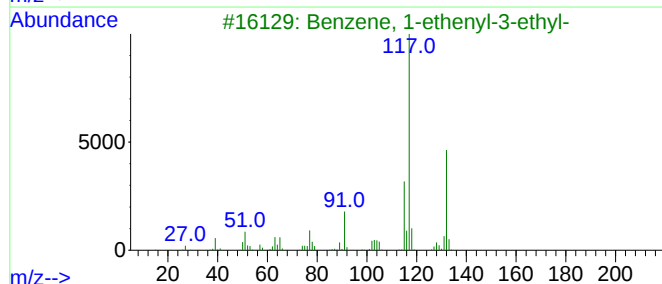
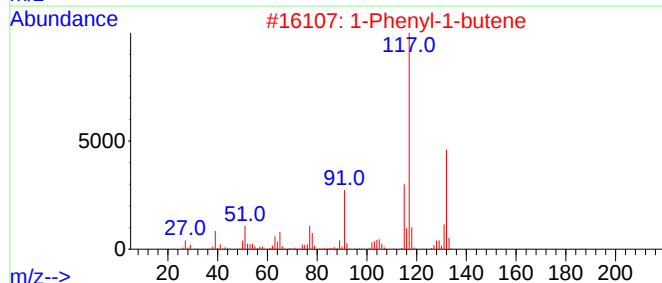
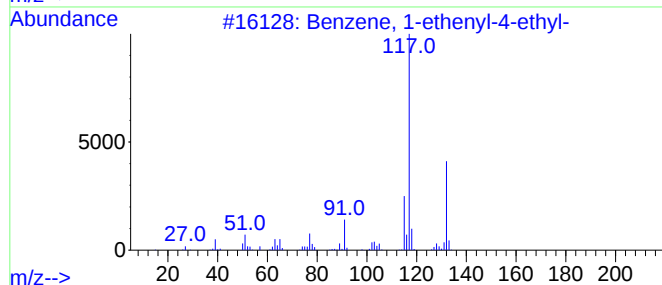
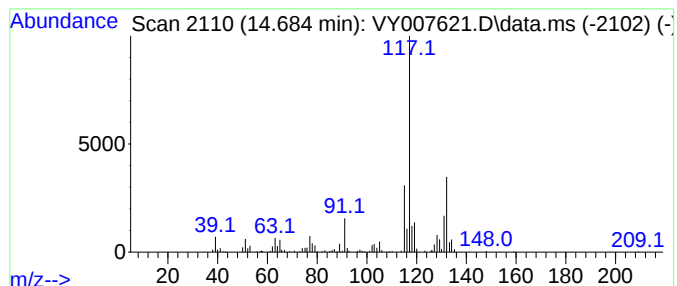
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	22.12 ug/l	175848	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5			Indan, 1-methyl-	132	C10H12	000767-58-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
Data File : VY007621.D
Acq On : 24 Feb 2022 16:40
Operator : SY/MD
Sample : N1539-03
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.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
Hexane, 2,2-dim...	8.325	11.0	ug/l	84107	2	8.691	382955	50.0
2-Hexenal, (E)-	9.185	12.2	ug/l	93619	2	8.691	382955	50.0
Benzene, 1-ethy...	12.733	44.5	ug/l	353781	4	13.422	397559	50.0
Benzene, 1-ethy...	12.971	43.0	ug/l	341776	4	13.422	397559	50.0
Benzene, cyclop...	13.623	44.9	ug/l	356803	4	13.422	397559	50.0
Benzene, 2-ethy...	13.660	19.3	ug/l	153726	4	13.422	397559	50.0
o-Cymene	13.971	18.6	ug/l	148225	4	13.422	397559	50.0
Benzene, 1-ethe...	14.080	10.2	ug/l	81347	4	13.422	397559	50.0
Benzene, 1,2,4,...	14.330	12.7	ug/l	101007	4	13.422	397559	50.0
Benzene, 1-ethe...	14.684	22.1	ug/l	175848	4	13.422	397559	50.0