

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017315.D
 Acq On : 08 Feb 2024 16:10
 Operator : SY/MD
 Sample : P1387-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-020724

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\82Y020124S.M
 Title : SW846 8260

Signal : TIC: VY017315.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.198	381	390	402	rBV3	2922	9420	2.38%	0.254%
2	4.710	463	474	486	rBV3	4183	12893	3.25%	0.347%
3	5.753	634	645	653	rBV5	2693	8345	2.11%	0.225%
4	6.996	839	849	852	rBV2	1939	6264	1.58%	0.169%
5	7.722	958	968	973	rBV	20833	50446	12.74%	1.360%
6	7.789	973	979	989	rVB	49659	110662	27.94%	2.983%
7	8.143	1029	1037	1051	rVB2	19162	43362	10.95%	1.169%
8	8.691	1119	1127	1137	rBV	74677	147871	37.33%	3.985%
9	9.185	1198	1208	1214	rBV2	17107	37138	9.38%	1.001%
10	9.246	1214	1218	1224	rVB3	2529	4135	1.04%	0.111%
11	9.459	1244	1253	1259	rVB5	2151	5559	1.40%	0.150%
12	9.612	1271	1278	1287	rBV3	6224	12689	3.20%	0.342%
13	9.758	1293	1302	1307	rBV	10158	22454	5.67%	0.605%
14	9.825	1307	1313	1316	rBV	20449	36069	9.11%	0.972%
15	9.856	1316	1318	1325	rVB2	11084	15272	3.86%	0.412%
16	9.959	1325	1335	1349	rBV	25466	63496	16.03%	1.711%
17	10.112	1356	1360	1365	rVB3	4326	7189	1.81%	0.194%
18	10.185	1365	1372	1380	rBV	148682	314744	79.46%	8.483%
19	10.307	1388	1392	1394	rBV3	2903	4244	1.07%	0.114%
20	10.374	1394	1403	1410	rVB2	72098	140639	35.50%	3.790%
21	10.526	1410	1428	1434	rBV	45318	90502	22.85%	2.439%
22	10.624	1434	1444	1448	rBV3	23697	46414	11.72%	1.251%
23	10.667	1448	1451	1455	rVV2	8839	13863	3.50%	0.374%
24	10.715	1455	1459	1464	rVB	17107	25659	6.48%	0.692%
25	10.807	1469	1474	1480	rVB2	34832	53934	13.62%	1.454%
26	10.904	1484	1490	1497	rBV	31042	63977	16.15%	1.724%
27	10.977	1498	1502	1505	rVV3	16917	31986	8.07%	0.862%
28	11.038	1505	1512	1517	rVV	68009	128927	32.55%	3.475%
29	11.093	1517	1521	1526	rVV2	57607	98286	24.81%	2.649%
30	11.148	1526	1530	1534	rVV2	13554	21166	5.34%	0.570%
31	11.209	1534	1540	1544	rVV2	38671	64370	16.25%	1.735%
32	11.282	1544	1552	1563	rVB5	75128	202434	51.11%	5.456%
33	11.386	1563	1569	1580	rBV2	48572	79866	20.16%	2.153%
34	11.496	1580	1587	1596	rBV	107439	176788	44.63%	4.765%
35	11.587	1596	1602	1607	rBV4	16864	36508	9.22%	0.984%
36	11.630	1607	1609	1613	rVV2	8580	9865	2.49%	0.266%

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37	11.703	1613	1621	1632	rVV3	164445	396113	100.00%	10.676%
38	11.782	1632	1634	1640	rVB2	17205	22820	5.76%	0.615%
39	11.904	1647	1654	1657	rBV3	6904	11836	2.99%	0.319%
40	11.935	1657	1659	1664	rVB3	3604	4726	1.19%	0.127%
41	12.032	1664	1675	1683	rBV	102542	206241	52.07%	5.559%
42	12.130	1687	1691	1694	rVB	5934	7773	1.96%	0.209%
43	12.172	1694	1698	1699	rBV2	3797	4856	1.23%	0.131%
44	12.209	1699	1704	1707	rVV2	10573	16062	4.05%	0.433%
45	12.252	1707	1711	1715	rVB3	7460	12844	3.24%	0.346%
46	12.337	1721	1725	1730	rBV8	4111	6499	1.64%	0.175%
47	12.489	1744	1750	1759	rVB2	58989	96301	24.31%	2.595%
48	12.648	1771	1776	1784	rVB8	5883	12172	3.07%	0.328%
49	12.739	1784	1791	1795	rBV	11238	19869	5.02%	0.536%
50	12.812	1799	1803	1809	rVB3	18590	30031	7.58%	0.809%
51	12.898	1814	1817	1823	rVB4	2832	4529	1.14%	0.122%
52	12.977	1823	1830	1837	rBV	5848	12237	3.09%	0.330%
53	13.044	1837	1841	1849	rVB5	3694	6610	1.67%	0.178%
54	13.123	1849	1854	1859	rBV	15961	23912	6.04%	0.644%
55	13.178	1859	1863	1869	rVB3	6545	9682	2.44%	0.261%
56	13.428	1897	1904	1914	rVV2	75383	136021	34.34%	3.666%
57	13.501	1914	1916	1924	rVB5	2790	4059	1.02%	0.109%
58	13.629	1933	1937	1942	rBV	12233	20777	5.25%	0.560%
59	13.757	1952	1958	1961	rBV4	6025	9184	2.32%	0.248%
60	13.812	1961	1967	1974	rVB3	22171	38168	9.64%	1.029%
61	13.971	1987	1993	1998	rVB3	6305	10511	2.65%	0.283%
62	14.081	2007	2011	2016	rBV4	3096	5486	1.38%	0.148%
63	14.337	2050	2053	2058	rVV2	3601	5745	1.45%	0.155%
64	14.568	2086	2091	2096	rBV3	2056	4215	1.06%	0.114%
65	14.617	2096	2099	2104	rVB3	3052	4142	1.05%	0.112%
66	14.684	2104	2110	2116	rBV5	6274	13979	3.53%	0.377%
67	14.751	2116	2121	2127	rVB2	7332	12677	3.20%	0.342%
68	14.836	2130	2135	2144	rVB2	11387	19300	4.87%	0.520%
69	14.940	2144	2152	2162	rBV2	2457	6221	1.57%	0.168%
70	15.239	2194	2201	2209	rBV	131642	224397	56.65%	6.048%
71	15.324	2209	2215	2223	rVB3	6406	13700	3.46%	0.369%
72	16.300	2368	2375	2383	rVB	20817	37975	9.59%	1.023%
73	16.495	2399	2407	2416	rBV	19615	41234	10.41%	1.111%

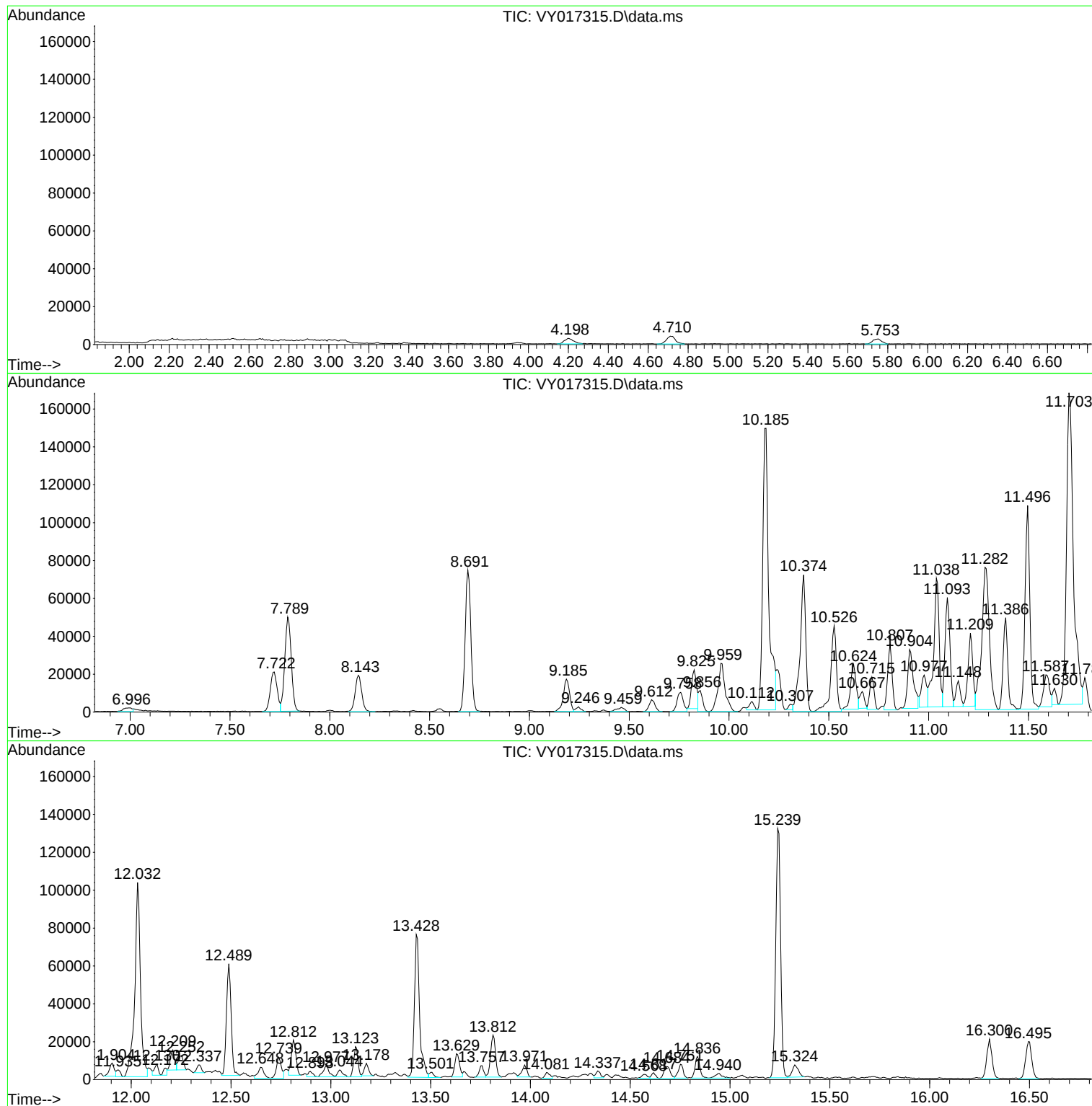
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ClientSampleId :
HD-01-020724

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-020724

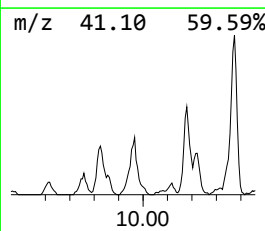
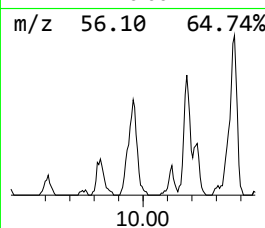
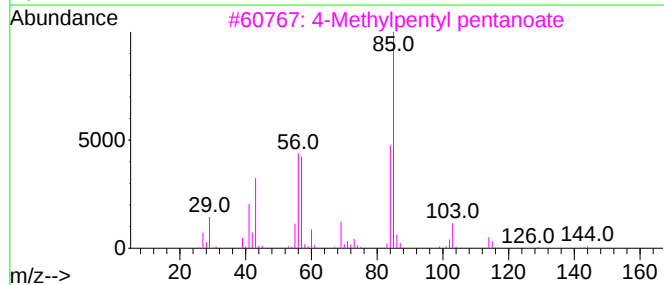
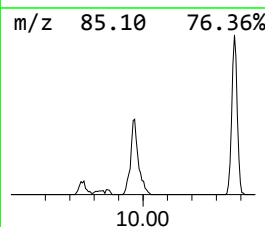
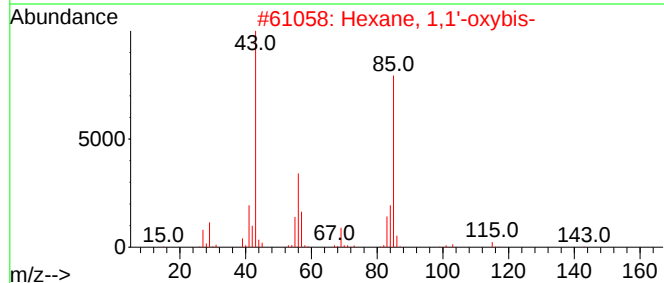
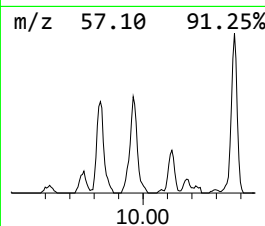
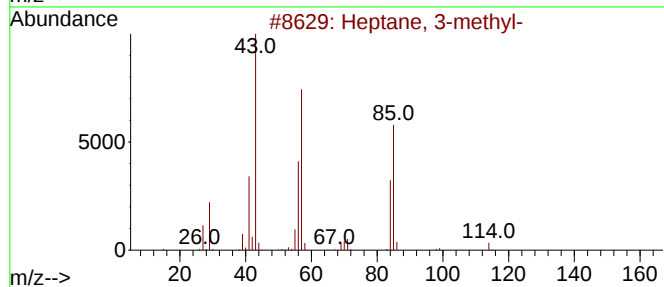
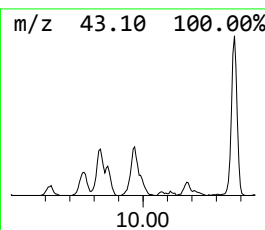
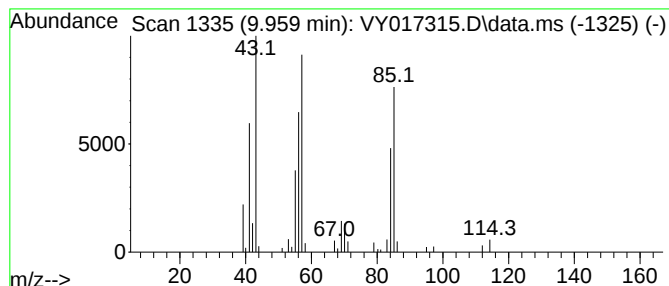
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.959	21.47 ug/l	63496	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	80
2			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
3			4-Methylpentyl pentanoate	186	C11H22O2	035852-47-2	64
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5			Hexane, 3-ethyl-	114	C8H18	000619-99-8	53



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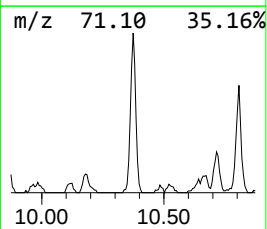
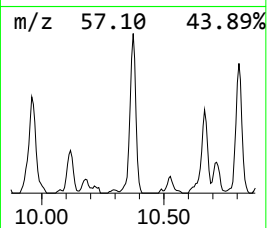
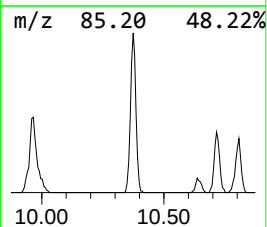
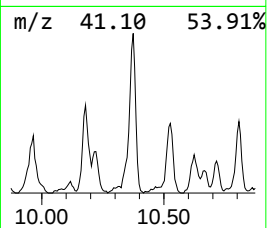
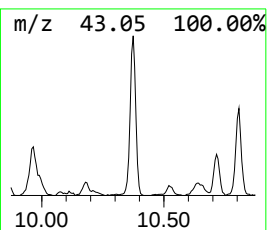
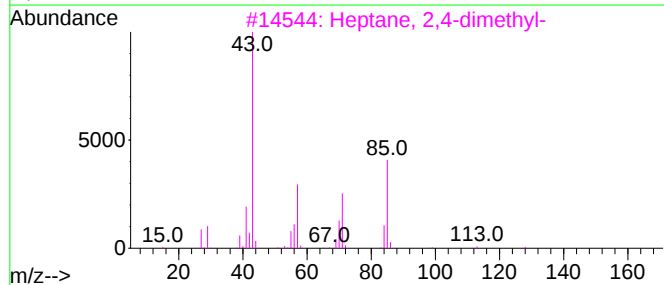
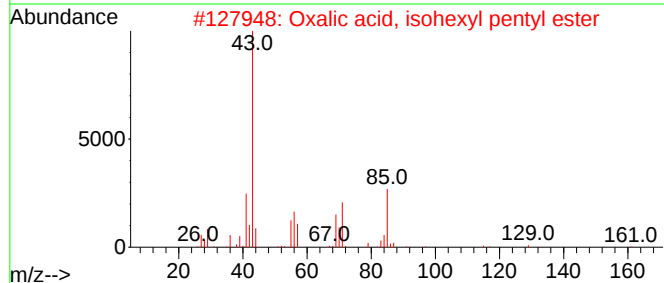
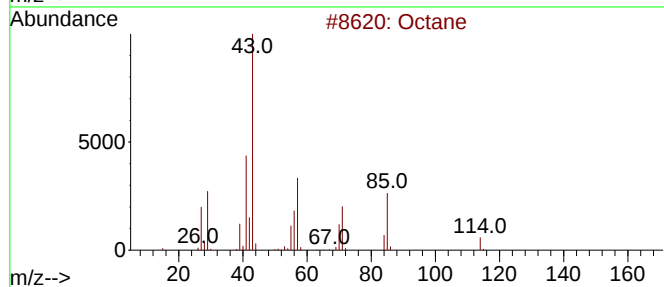
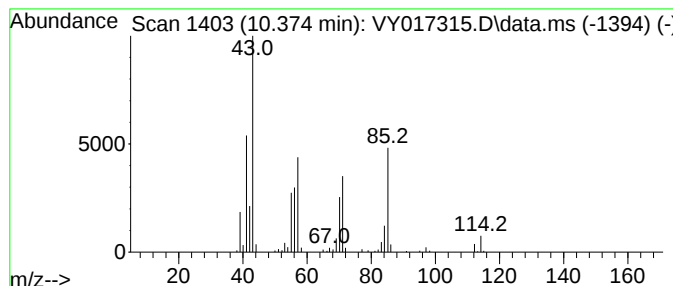
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Quant Title : SW846 8260

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

Peak Number 2 Octane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.374	39.78 ug/l	140639	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	90
2	Oxalic acid, isohexyl pentyl ester			244	C13H24O4	1000309-32-8	72
3	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	64
4	Hexane, 2-methyl-			100	C7H16	000591-76-4	50
5	Hexane, 2,4-dimethyl-			114	C8H18	000589-43-5	47



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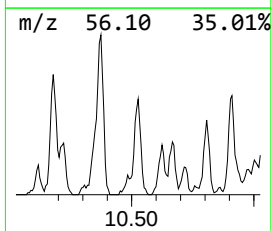
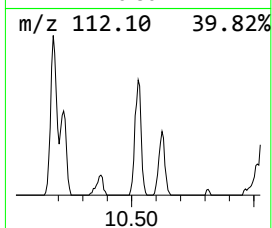
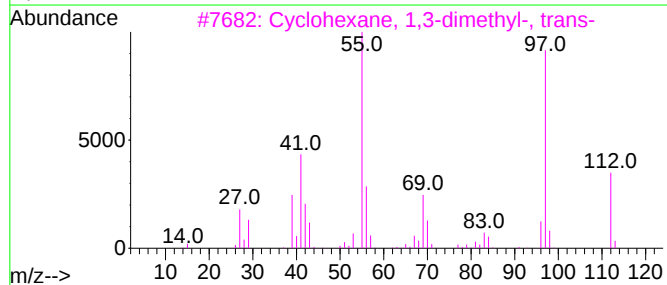
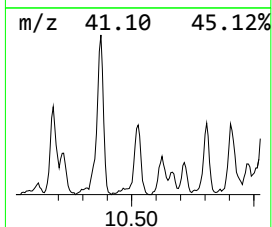
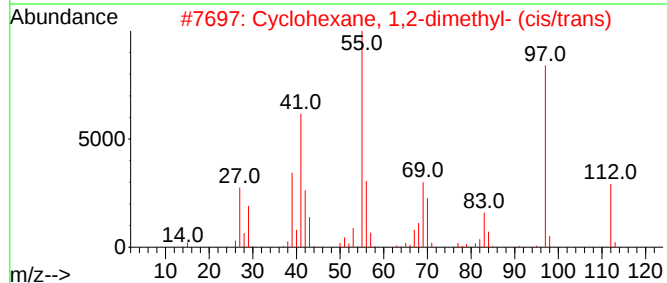
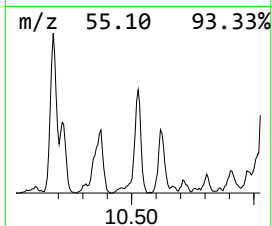
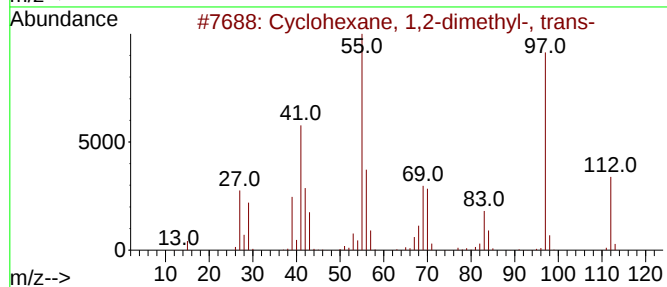
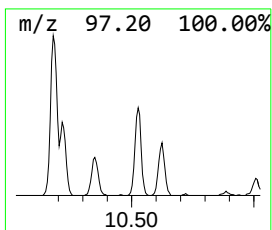
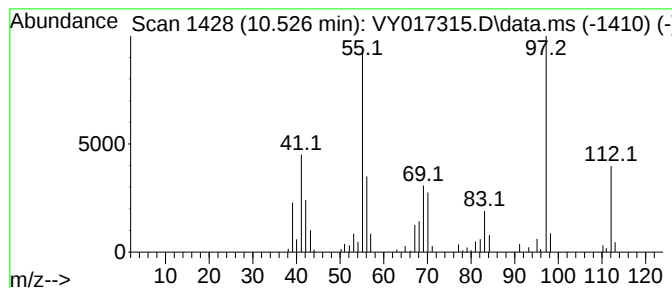
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.526	25.60 ug/l	90502	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	97
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	96
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
4			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	86



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HD-01-020724

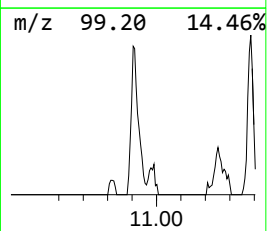
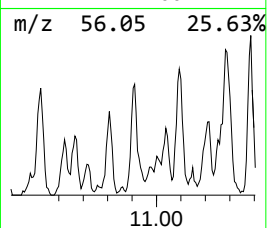
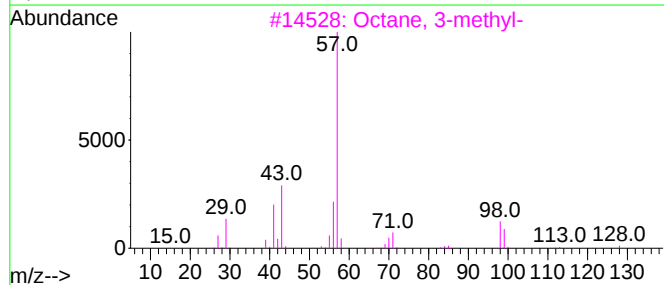
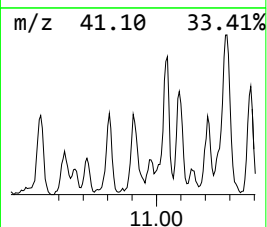
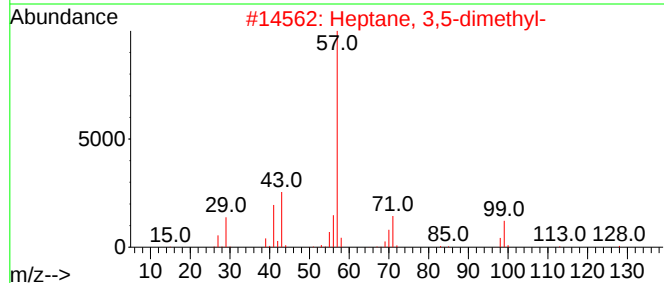
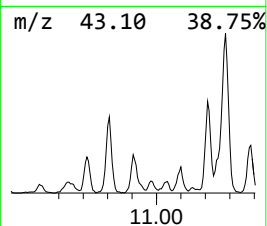
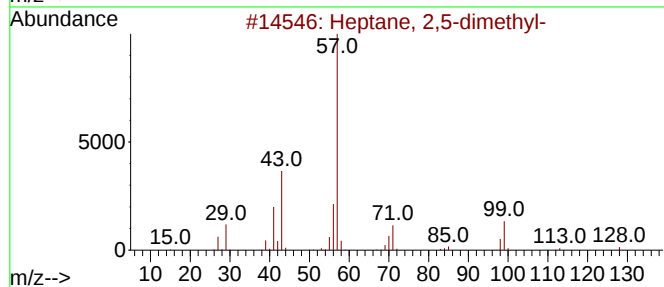
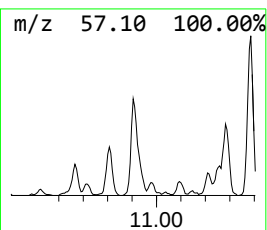
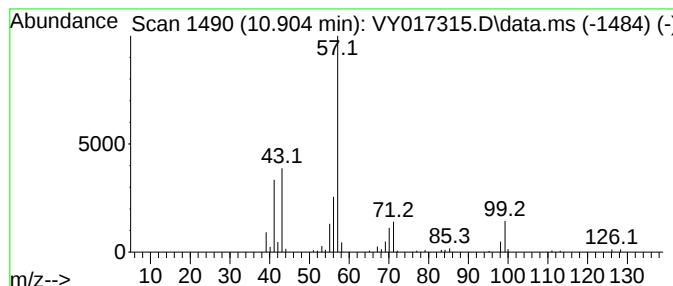
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

Peak Number 4 Heptane, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.904	18.09 ug/l	63977	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	74
3			Octane, 3-methyl-	128	C9H20	002216-33-3	72
4			Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	58
5			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
Data File : VY017315.D
Acq On : 08 Feb 2024 16:10
Operator : SY/MD
Sample : P1387-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-020724

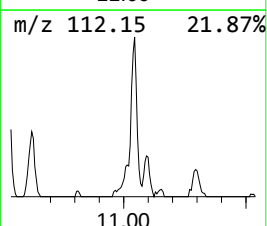
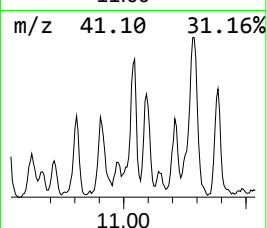
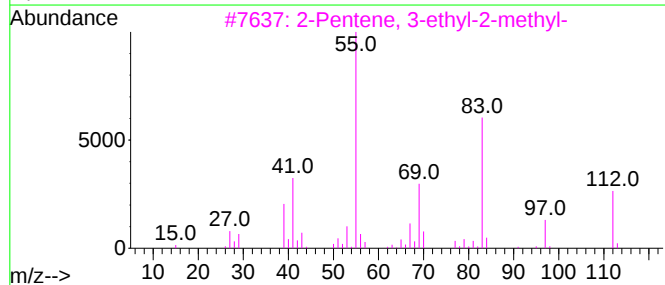
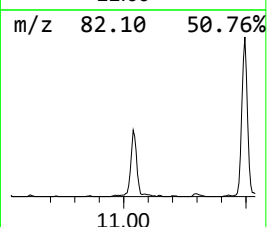
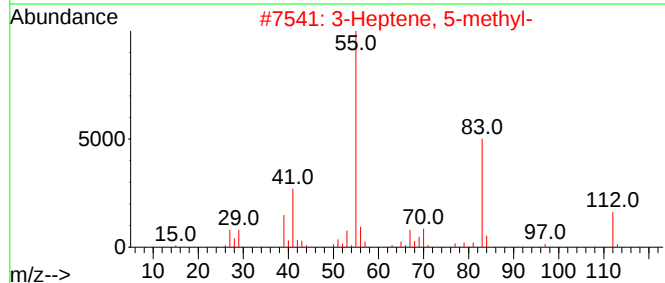
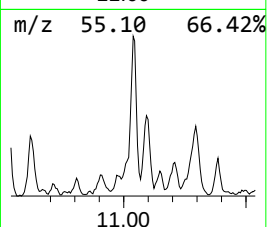
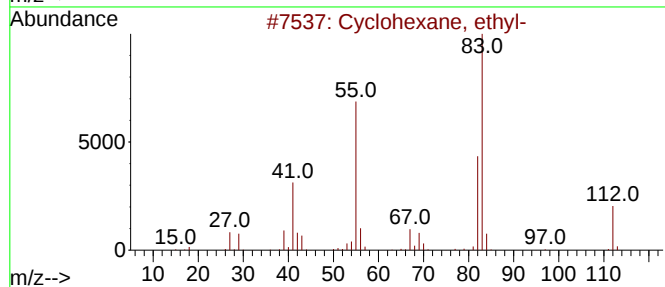
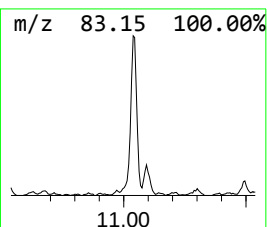
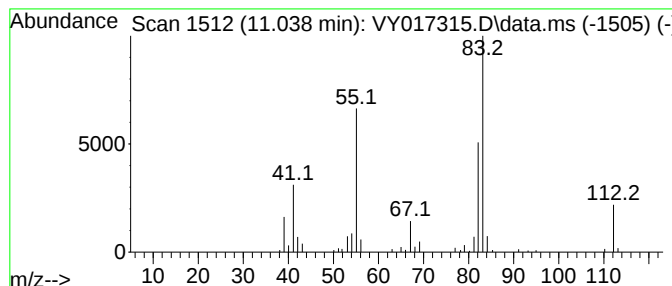
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.038	36.46 ug/l	128927	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			3-Heptene, 5-methyl-	112	C8H16	013172-91-3	59
3			2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	58
4			3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	53
5			3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
Data File : VY017315.D
Acq On : 08 Feb 2024 16:10
Operator : SY/MD
Sample : P1387-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

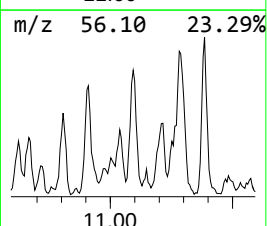
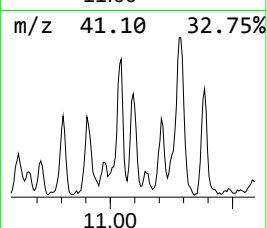
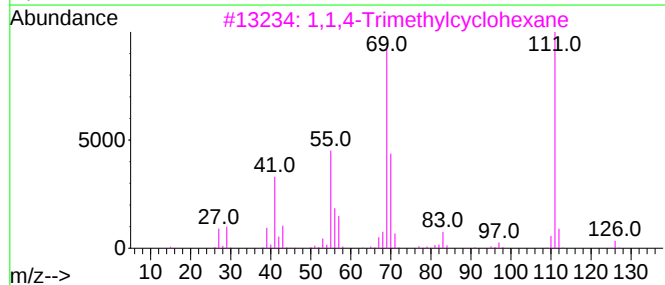
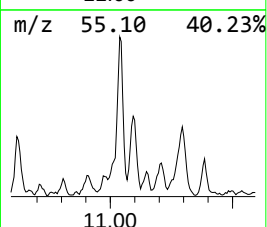
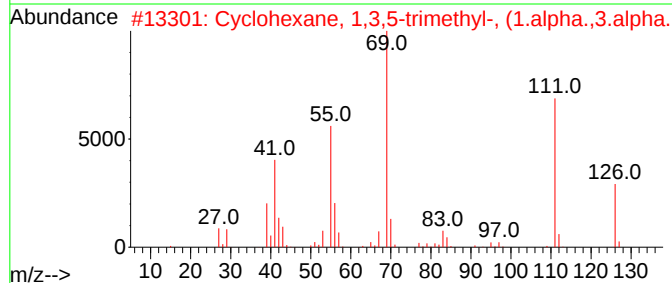
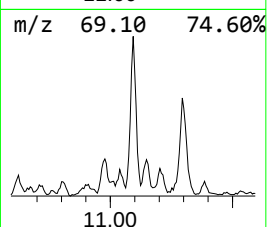
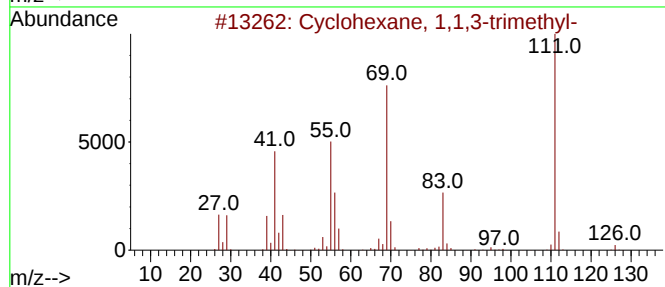
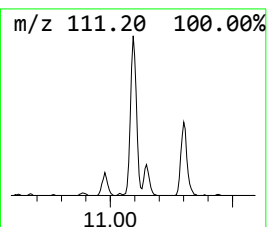
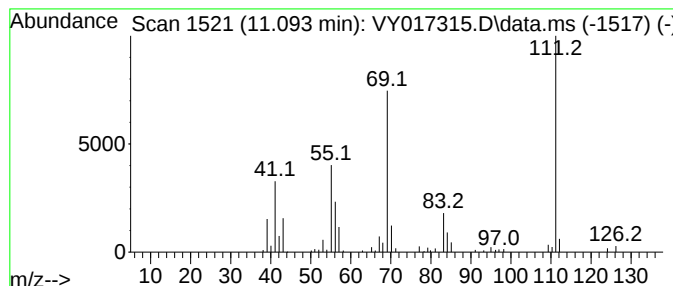
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ClientSampleId :
HD-01-020724

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Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.093	27.80 ug/l	98286	Chlorobenzene-d5	11.496	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	72
3	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64
4	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	64
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
Data File : VY017315.D
Acq On : 08 Feb 2024 16:10
Operator : SY/MD
Sample : P1387-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-020724

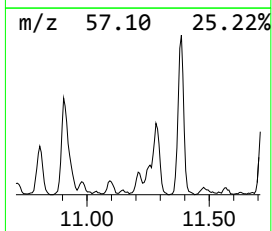
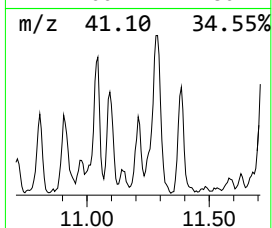
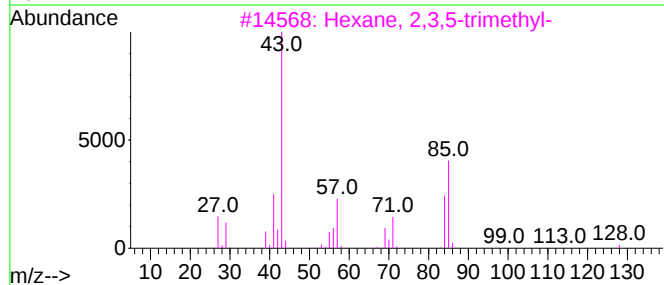
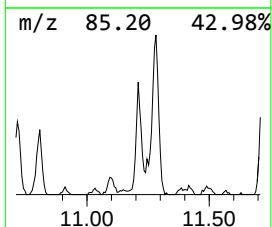
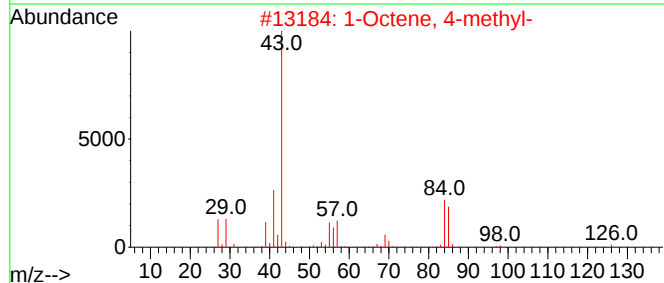
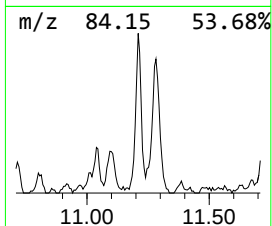
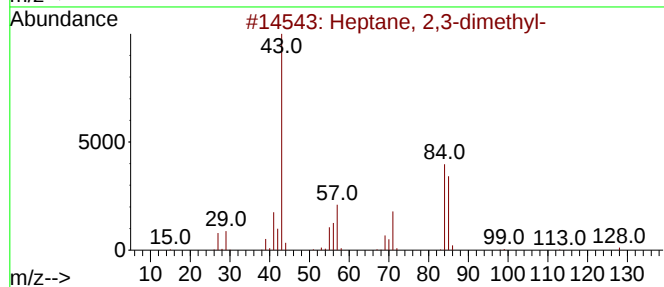
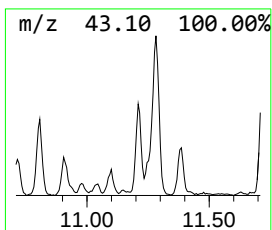
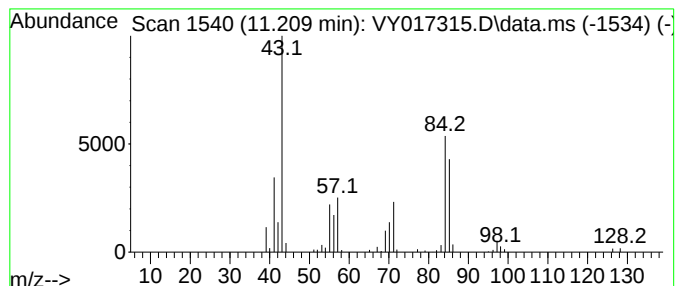
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Quant Title : SW846 8260

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

Peak Number 7 Heptane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.209	18.21 ug/l	64370	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
2			1-Octene, 4-methyl-	126	C9H18	013151-12-7	72
3			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
4			Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	58
5			Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
Data File : VY017315.D
Acq On : 08 Feb 2024 16:10
Operator : SY/MD
Sample : P1387-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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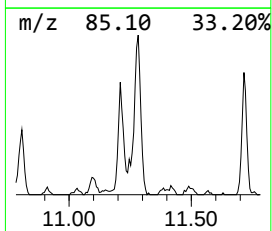
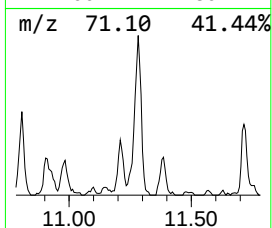
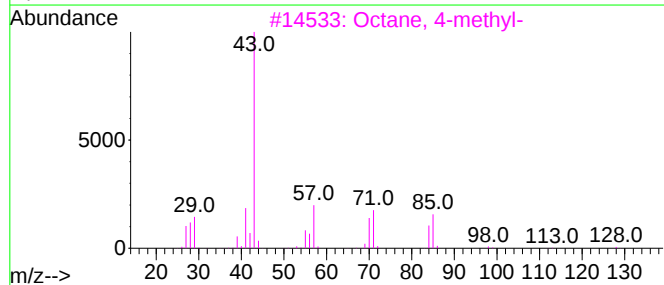
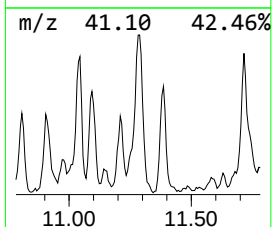
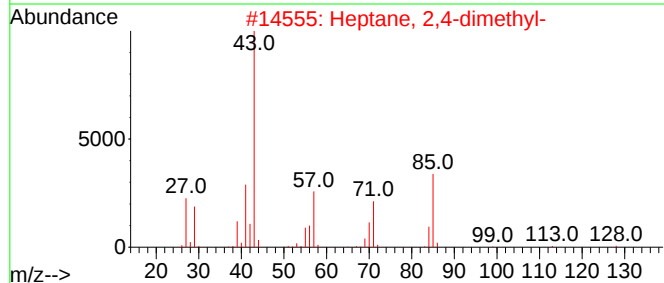
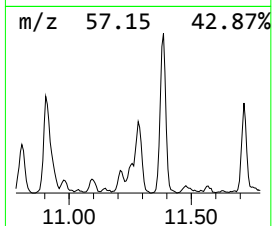
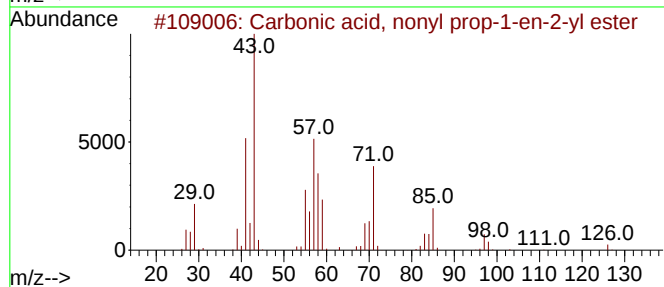
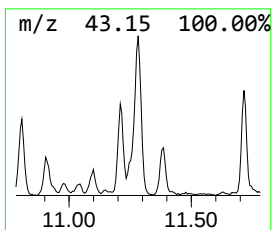
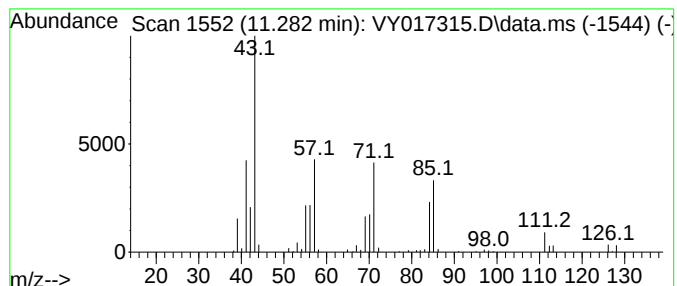
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Quant Title : SW846 8260

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

Peak Number 8 Carbonic acid, nonyl prop-1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.282	57.25 ug/l	202434	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	53
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
3			Octane, 4-methyl-	128	C9H20	002216-34-4	50
4			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
5			Octane, 2-methyl-	128	C9H20	003221-61-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
Data File : VY017315.D
Acq On : 08 Feb 2024 16:10
Operator : SY/MD
Sample : P1387-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

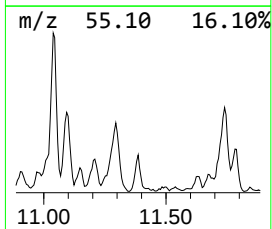
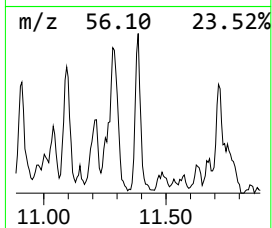
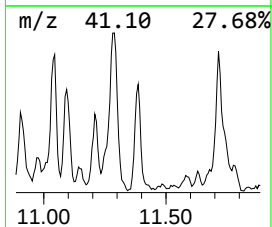
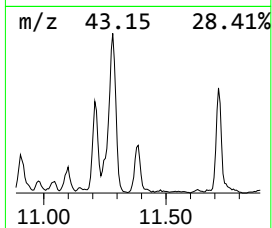
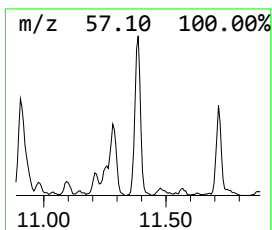
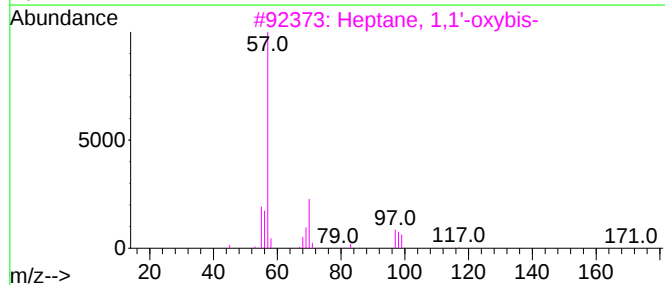
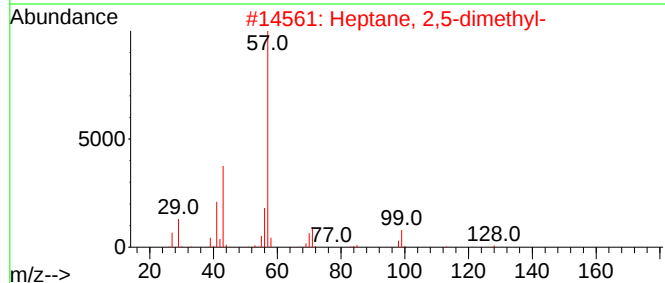
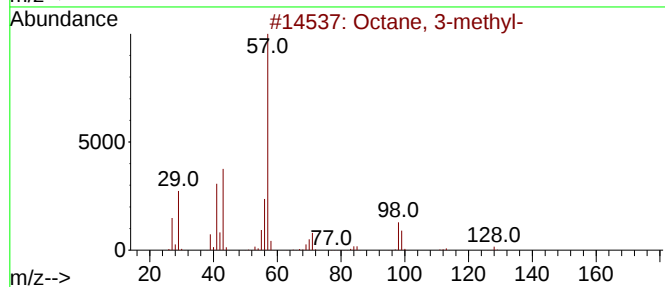
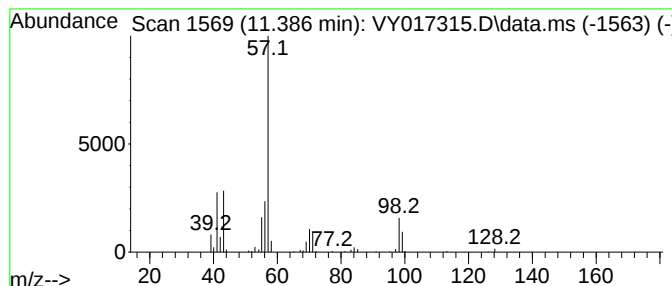
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

Peak Number 9 Octane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.386	22.59 ug/l	79866	Chlorobenzene-d5		11.496	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-		128	C9H20	002216-33-3	83
2	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	72
3	Heptane, 1,1'-oxybis-		214	C14H30O	000629-64-1	64
4	Heptane, 4-propyl-		142	C10H22	003178-29-8	59
5	Undecane, 6-methyl-		170	C12H26	017302-33-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
Data File : VY017315.D
Acq On : 08 Feb 2024 16:10
Operator : SY/MD
Sample : P1387-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-020724

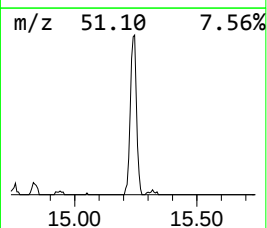
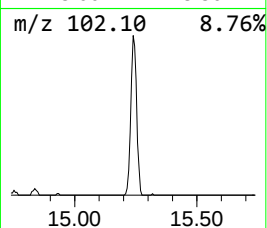
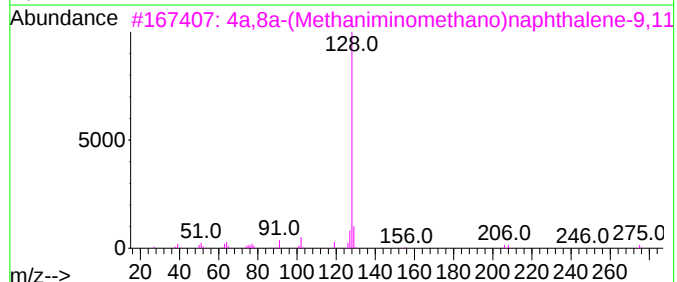
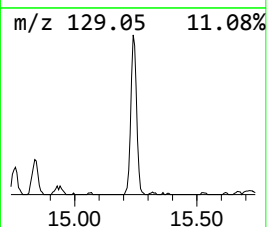
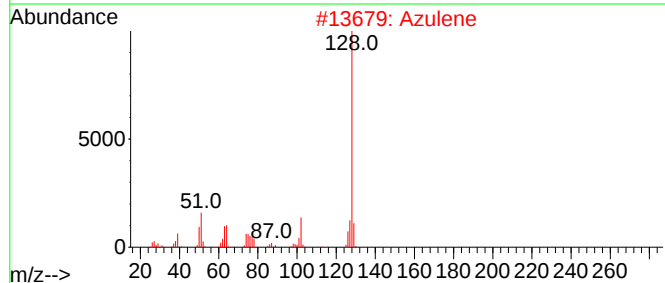
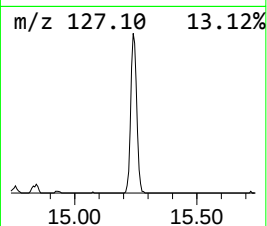
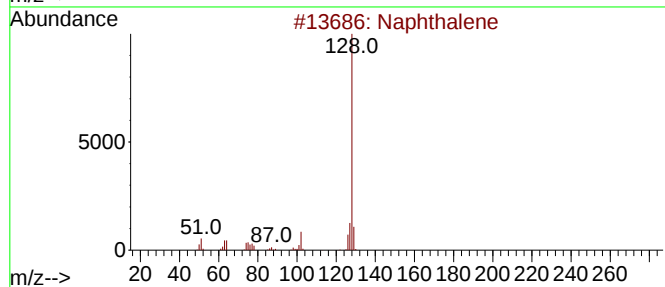
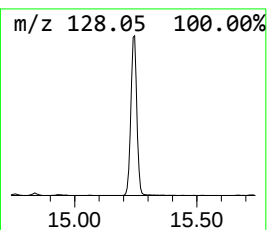
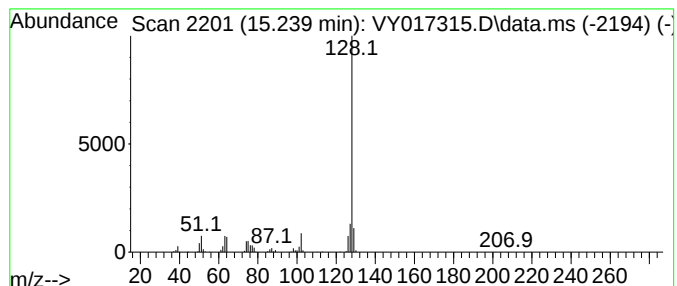
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Quant Title : SW846 8260

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

Peak Number 10 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	82.49 ug/l	224397	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	93
3			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	64
4			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	64
5			1H-Cyclopenta[c]thiophene, hexah...	128	C7H12S	053907-80-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
Data File : VY017315.D
Acq On : 08 Feb 2024 16:10
Operator : SY/MD
Sample : P1387-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-020724

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.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
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Octane	10.374	39.8	ug/l	140639	3	11.496	176788	50.0
Cyclohexane, 1,...	10.526	25.6	ug/l	90502	3	11.496	176788	50.0
Heptane, 2,5-di...	10.904	18.1	ug/l	63977	3	11.496	176788	50.0
Cyclohexane, et...	11.038	36.5	ug/l	128927	3	11.496	176788	50.0
Cyclohexane, 1,...	11.093	27.8	ug/l	98286	3	11.496	176788	50.0
Heptane, 2,3-di...	11.209	18.2	ug/l	64370	3	11.496	176788	50.0
Carbonic acid, ...	11.282	57.3	ug/l	202434	3	11.496	176788	50.0
Octane, 3-methyl-	11.386	22.6	ug/l	79866	3	11.496	176788	50.0
Azulene	15.239	82.5	ug/l	224397	4	13.428	136021	50.0