

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015713.D
 Acq On : 26 Sep 2023 17:09
 Operator : SY/MD
 Sample : 04614-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AUD-1049

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\82Y091923S.M
 Title : SW846 8260

Signal : TIC: VY015713.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.394	88	94	102	rBV	30488	58351	2.65%	0.251%
2	2.906	172	178	185	rVB	12121	25774	1.17%	0.111%
3	3.253	226	235	243	rBV2	10092	22864	1.04%	0.098%
4	3.966	341	352	386	rVV	353373	1195395	54.39%	5.134%
5	4.436	420	429	449	rVB4	5979	24992	1.14%	0.107%
6	4.722	462	476	498	rBV4	29248	148492	6.76%	0.638%
7	5.241	555	561	575	rVB3	11181	40310	1.83%	0.173%
8	5.753	632	645	659	rBV2	75374	231678	10.54%	0.995%
9	5.917	662	672	683	rVV2	15642	46930	2.14%	0.202%
10	6.704	788	801	810	rBV6	17225	59184	2.69%	0.254%
11	6.795	810	816	828	rVB3	13132	39266	1.79%	0.169%
12	6.990	837	848	860	rBV3	44429	147462	6.71%	0.633%
13	7.722	959	968	973	rBV	100705	258423	11.76%	1.110%
14	7.789	973	979	988	rVV	190083	484266	22.03%	2.080%
15	7.874	988	993	1000	rVV	18192	41923	1.91%	0.180%
16	7.960	1000	1007	1010	rVV	44175	96647	4.40%	0.415%
17	8.002	1010	1014	1027	rVV2	47684	111524	5.07%	0.479%
18	8.149	1028	1038	1051	rVB2	128419	314507	14.31%	1.351%
19	8.277	1051	1059	1061	rBV3	13740	27770	1.26%	0.119%
20	8.332	1061	1068	1076	rVV	51256	141927	6.46%	0.610%
21	8.417	1076	1082	1092	rVB6	10721	29670	1.35%	0.127%
22	8.551	1092	1104	1114	rBV	60391	130945	5.96%	0.562%
23	8.691	1119	1127	1137	rBV	275350	545865	24.84%	2.345%
24	9.148	1195	1202	1203	rBV2	21996	34186	1.56%	0.147%
25	9.185	1203	1208	1214	rVV2	58035	126232	5.74%	0.542%
26	9.258	1214	1220	1227	rVB4	28956	72559	3.30%	0.312%
27	9.368	1234	1238	1245	rVB3	13349	26145	1.19%	0.112%
28	9.465	1245	1254	1260	rBV4	9000	23744	1.08%	0.102%
29	9.618	1271	1279	1289	rVB	126502	240936	10.96%	1.035%
30	9.752	1289	1301	1308	rBV	273407	570499	25.96%	2.450%
31	9.819	1308	1312	1316	rBV	22127	39576	1.80%	0.170%
32	9.965	1324	1336	1347	rBV3	61477	158379	7.21%	0.680%
33	10.075	1347	1354	1357	rVV	67836	126584	5.76%	0.544%
34	10.112	1357	1360	1365	rVV	91345	152747	6.95%	0.656%
35	10.179	1365	1371	1376	rVV	443392	775754	35.30%	3.332%
36	10.246	1376	1382	1395	rVV	1277569	2197898	100.00%	9.440%

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37	10.374	1395	1403	1408	rVB	67335	125426	5.71%	0.539%
38	10.490	1417	1422	1426	rBV4	11312	22263	1.01%	0.096%
39	10.575	1430	1436	1441	rVV3	22776	62160	2.83%	0.267%
40	10.636	1442	1446	1452	rVB2	30821	56800	2.58%	0.244%
41	10.715	1452	1459	1466	rVB4	12299	27197	1.24%	0.117%
42	10.935	1486	1495	1504	rBV2	91554	186785	8.50%	0.802%
43	11.282	1543	1552	1563	rVB6	21567	64166	2.92%	0.276%
44	11.380	1563	1568	1572	rBV2	21426	37263	1.70%	0.160%
45	11.490	1580	1586	1592	rVV	416546	689740	31.38%	2.963%
46	11.593	1596	1603	1612	rVB	304450	496713	22.60%	2.133%
47	11.703	1612	1621	1632	rBV	1001183	1872052	85.17%	8.041%
48	12.026	1667	1674	1682	rVB	527207	862004	39.22%	3.702%
49	12.209	1698	1704	1707	rBV3	24318	38610	1.76%	0.166%
50	12.331	1719	1724	1730	rBV	38020	64484	2.93%	0.277%
51	12.483	1743	1749	1761	rVB2	350603	592861	26.97%	2.546%
52	12.611	1765	1770	1775	rVV	19049	38774	1.76%	0.167%
53	12.672	1775	1780	1785	rVV	114668	174765	7.95%	0.751%
54	12.733	1785	1790	1794	rVV	481634	794004	36.13%	3.410%
55	12.770	1794	1796	1799	rVV	216390	257468	11.71%	1.106%
56	12.812	1799	1803	1813	rVB2	260617	409775	18.64%	1.760%
57	12.971	1823	1829	1838	rBV	219026	337253	15.34%	1.449%
58	13.123	1847	1854	1860	rBV	889123	1359726	61.86%	5.840%
59	13.251	1868	1875	1876	rBV3	21488	39832	1.81%	0.171%
60	13.282	1877	1880	1883	rVV4	33873	60204	2.74%	0.259%
61	13.312	1883	1885	1890	rVV	34320	48129	2.19%	0.207%
62	13.367	1890	1894	1898	rVV	35693	52581	2.39%	0.226%
63	13.428	1898	1904	1907	rVV	413173	731511	33.28%	3.142%
64	13.459	1907	1909	1917	rVV	263547	355295	16.17%	1.526%
65	13.526	1917	1920	1924	rVV	18659	26318	1.20%	0.113%
66	13.623	1926	1936	1940	rVV3	287957	562345	25.59%	2.415%
67	13.666	1940	1943	1952	rVV4	180720	344036	15.65%	1.478%
68	13.751	1953	1957	1961	rVV3	32897	56588	2.57%	0.243%
69	13.824	1964	1969	1974	rVV	62879	108838	4.95%	0.467%
70	13.885	1974	1979	1982	rVV	112834	189931	8.64%	0.816%
71	13.916	1982	1984	1988	rVV	112541	137250	6.24%	0.590%
72	13.971	1988	1993	1999	rVV	219622	328345	14.94%	1.410%
73	14.032	1999	2003	2006	rVV	23873	33461	1.52%	0.144%
74	14.080	2006	2011	2016	rVB	114635	177854	8.09%	0.764%
75	14.215	2027	2033	2038	rVV	65298	113683	5.17%	0.488%
76	14.294	2038	2046	2049	rVV	88059	149002	6.78%	0.640%

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77	14.337	2049	2053	2057	rVV	111866	166063	7.56%	0.713%
78	14.379	2057	2060	2064	rVV	57422	79298	3.61%	0.341%
79	14.422	2064	2067	2074	rVV2	41053	62904	2.86%	0.270%
80	14.519	2079	2083	2086	rVV	49432	67943	3.09%	0.292%
81	14.562	2086	2090	2095	rVV	99565	176065	8.01%	0.756%
82	14.611	2095	2098	2103	rVB2	74711	107983	4.91%	0.464%
83	14.684	2103	2110	2115	rBV4	161721	371997	16.93%	1.598%
84	14.739	2115	2119	2124	rVB	55942	84272	3.83%	0.362%
85	14.836	2131	2135	2138	rBV	17860	25703	1.17%	0.110%
86	14.946	2148	2153	2165	rVV2	85803	222321	10.12%	0.955%
87	15.050	2165	2170	2177	rVB3	66612	138734	6.31%	0.596%
88	15.233	2190	2200	2206	rBV	127427	248920	11.33%	1.069%
89	15.342	2206	2218	2223	rVV4	42197	139345	6.34%	0.599%
90	15.397	2223	2227	2230	rVV4	21740	39592	1.80%	0.170%
91	15.434	2230	2233	2241	rVB6	19436	36630	1.67%	0.157%
92	15.525	2242	2248	2257	rBV6	20341	55655	2.53%	0.239%
93	15.727	2277	2281	2287	rVB3	30591	56033	2.55%	0.241%
94	15.812	2289	2295	2303	rVB2	14466	34821	1.58%	0.150%
95	15.891	2303	2308	2317	rBV7	12041	31099	1.41%	0.134%
96	16.031	2325	2331	2337	rBV6	18904	40212	1.83%	0.173%
97	16.226	2358	2363	2368	rBV2	22060	39547	1.80%	0.170%
98	16.294	2368	2374	2380	rBV	59841	114024	5.19%	0.490%
99	16.483	2400	2405	2412	rBV2	25393	59037	2.69%	0.254%
100	16.623	2422	2428	2436	rBV4	12506	29141	1.33%	0.125%

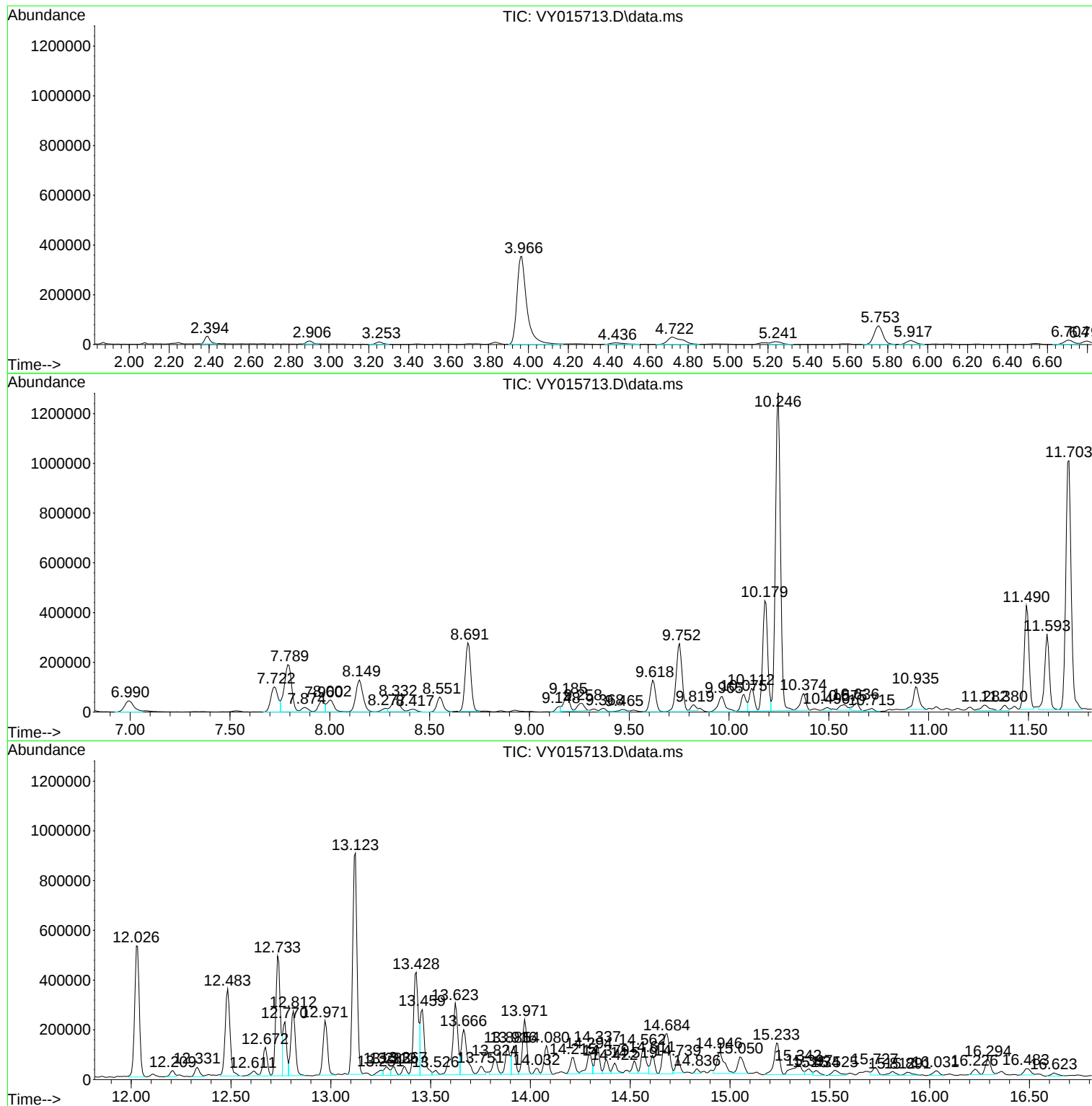
Sum of corrected areas: 23282235

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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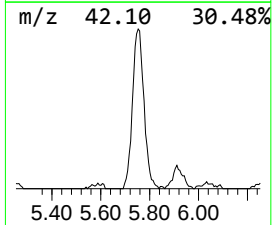
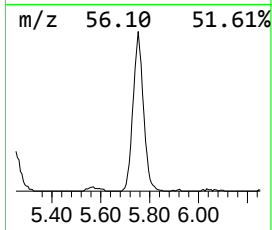
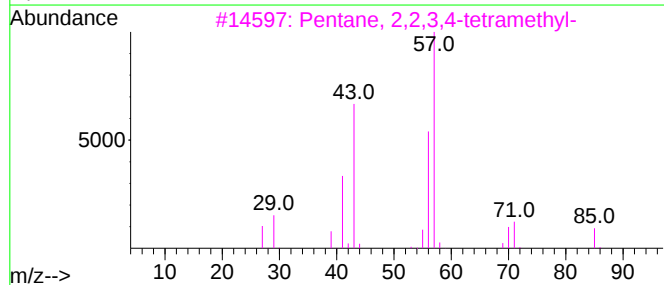
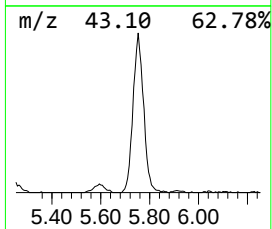
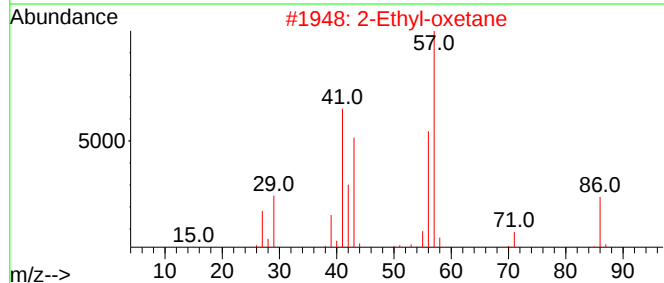
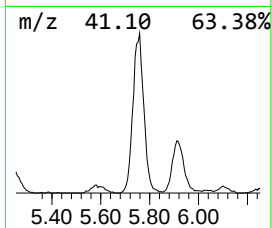
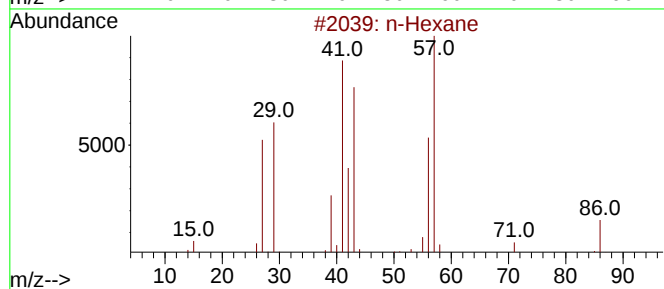
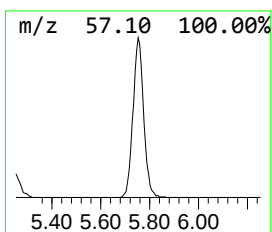
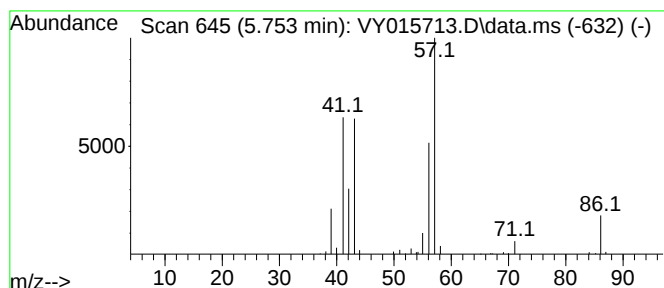
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 1 n-Hexane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.753	23.92 ug/l	231678	Pentafluorobenzene	7.795

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexane	86	C6H14	000110-54-3	87
2		2-Ethyl-oxetane	86	C5H10O	1010386-40-2	86
3		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4		Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	49
5		Methane, isocyanato-	57	C2H3NO	000624-83-9	38



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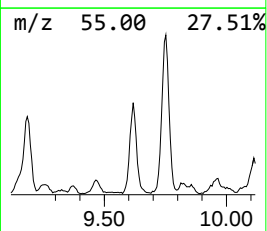
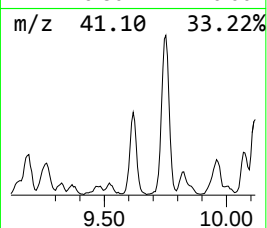
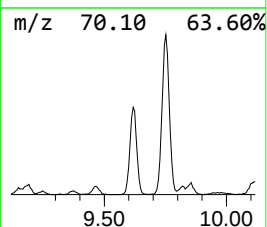
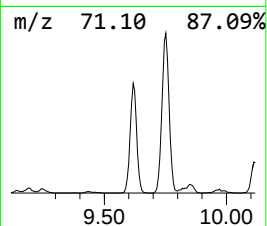
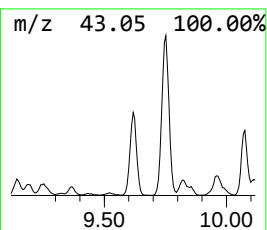
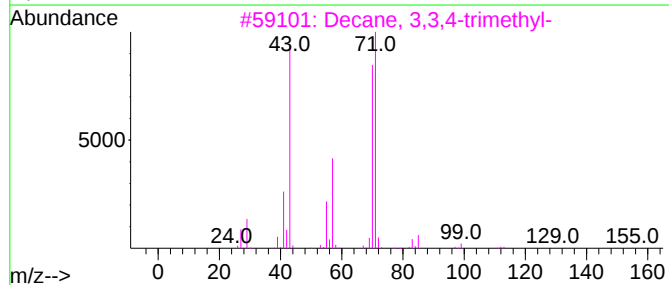
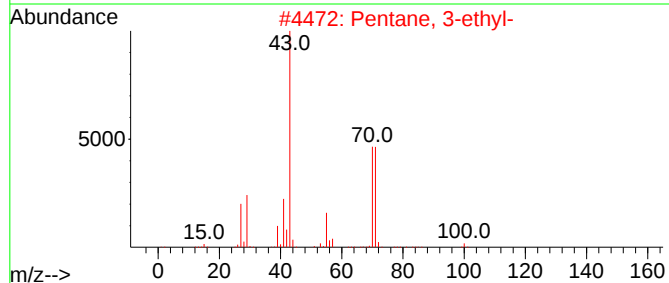
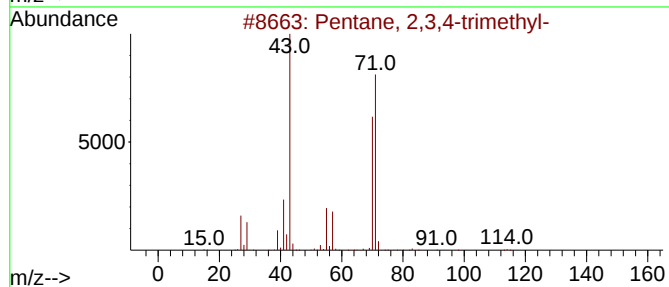
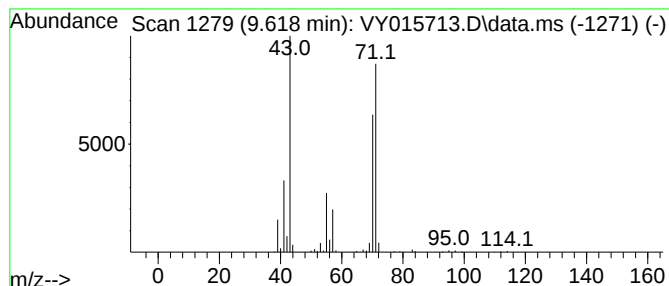
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Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.618	22.07 ug/l	240936	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
4			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	74



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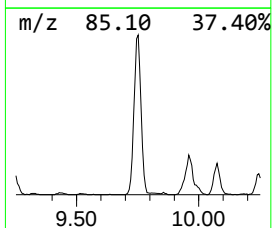
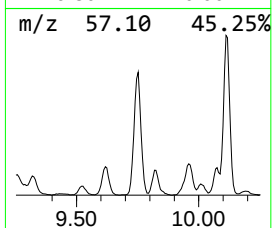
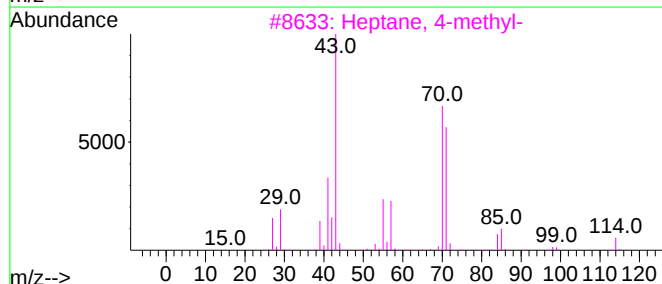
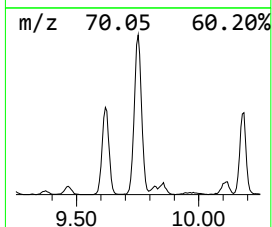
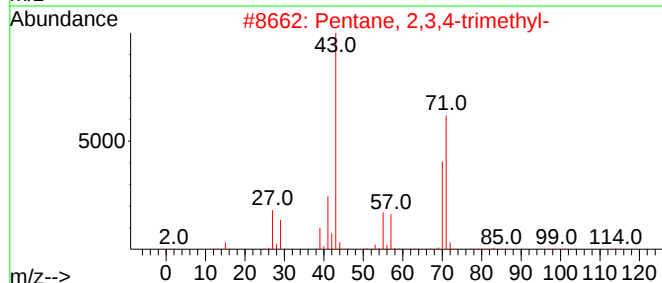
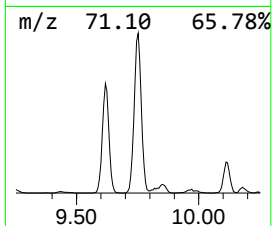
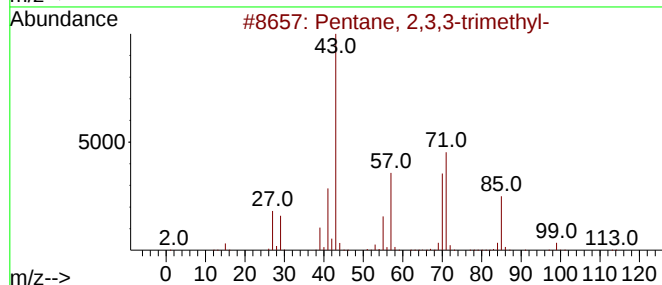
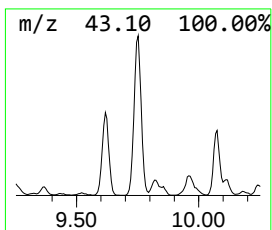
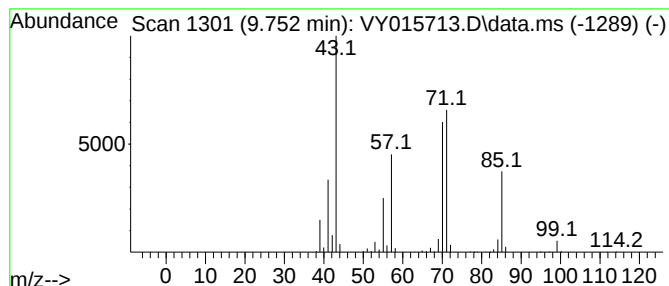
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Quant Title : SW846 8260

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

Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	52.26 ug/l	570499	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	68
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
Data File : VY015713.D
Acq On : 26 Sep 2023 17:09
Operator : SY/MD
Sample : 04614-04
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1049

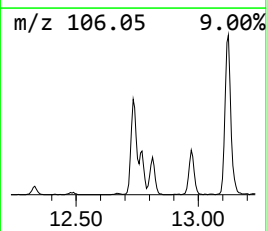
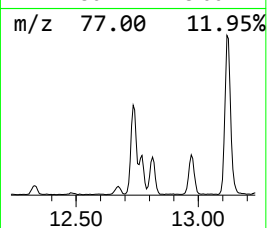
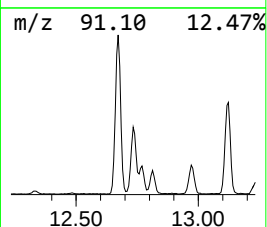
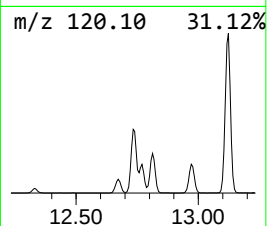
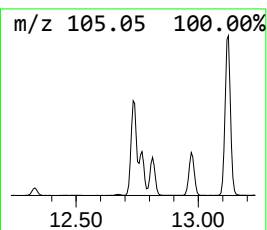
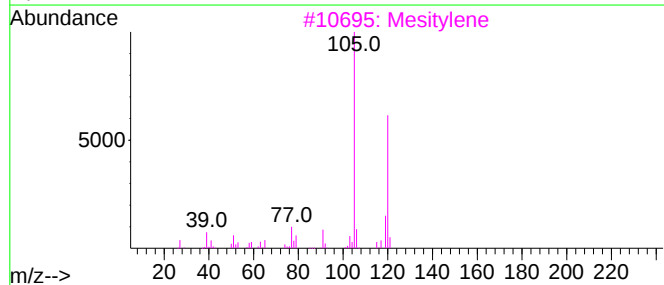
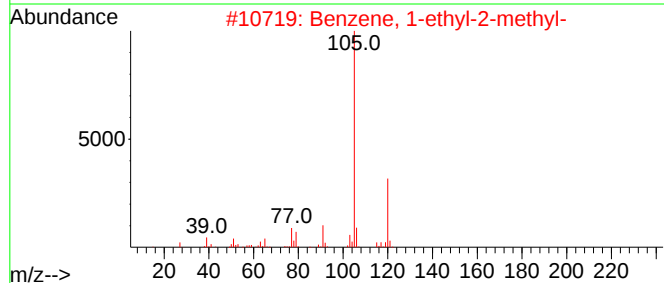
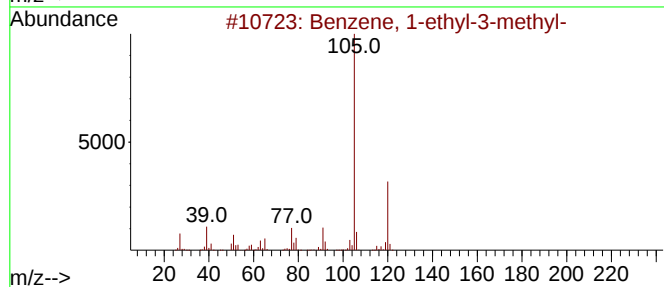
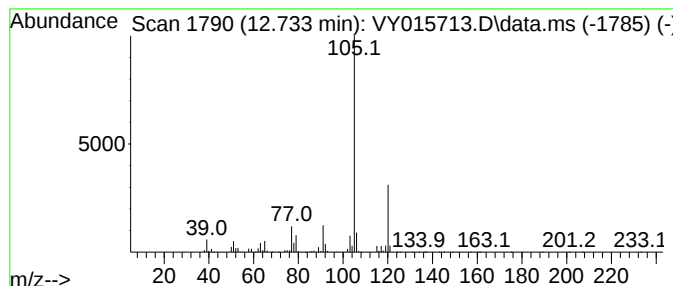
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	54.27 ug/l	794004	1,4-Dichlorobenzene-d4	13.428

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	95
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
Data File : VY015713.D
Acq On : 26 Sep 2023 17:09
Operator : SY/MD
Sample : 04614-04
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1049

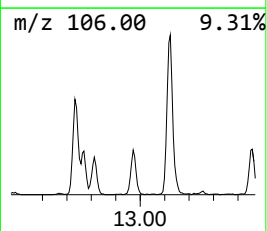
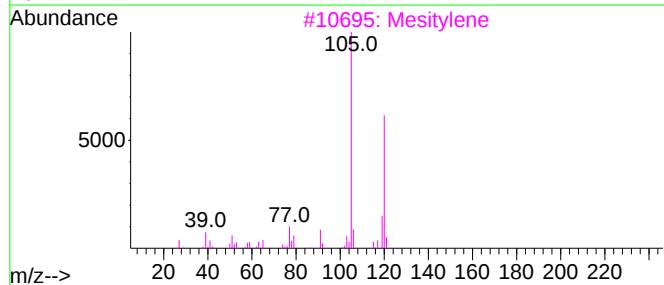
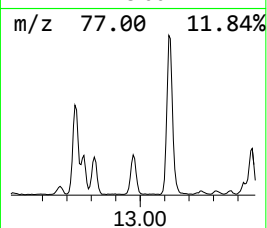
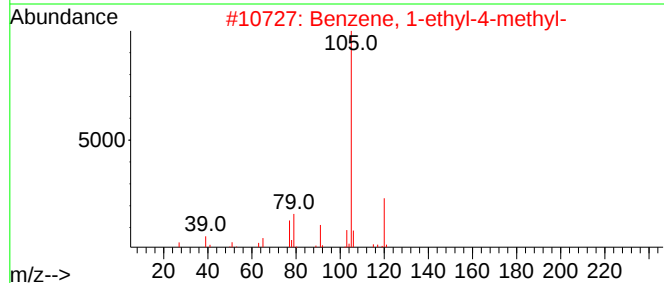
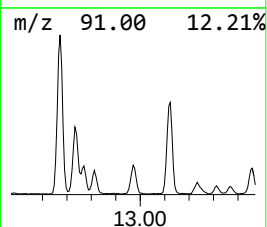
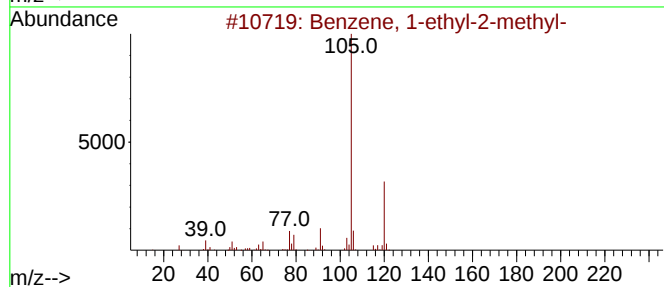
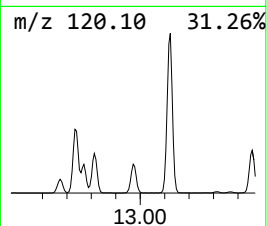
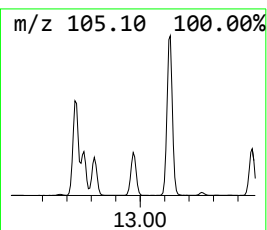
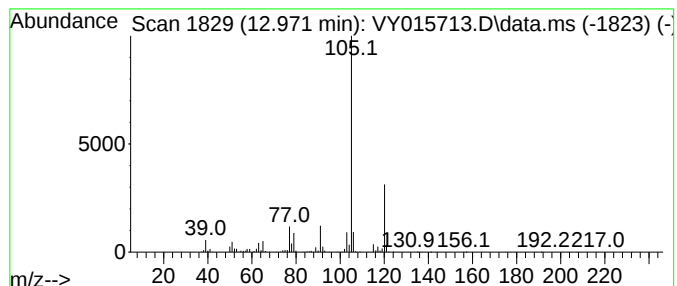
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	23.05 ug/l	337253	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	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
Data File : VY015713.D
Acq On : 26 Sep 2023 17:09
Operator : SY/MD
Sample : 04614-04
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1049

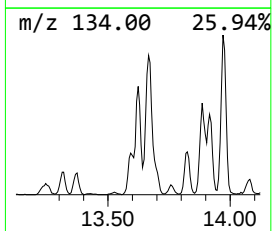
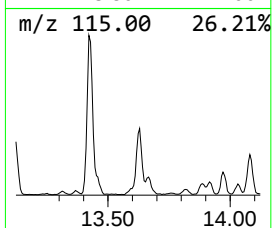
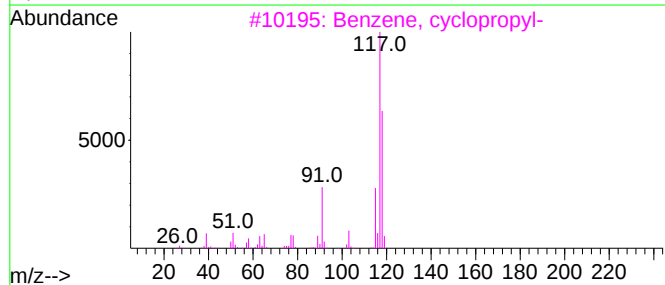
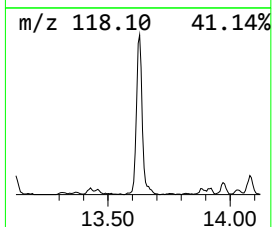
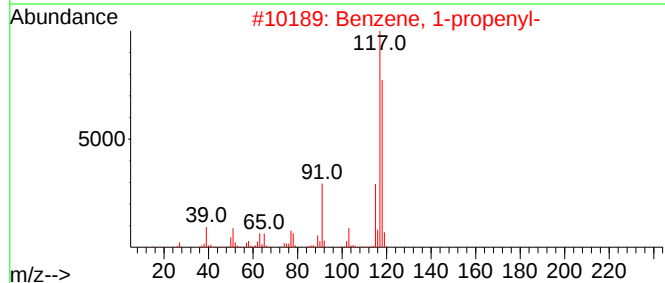
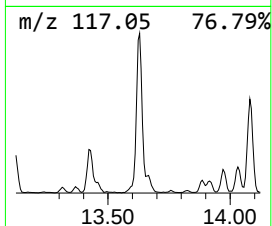
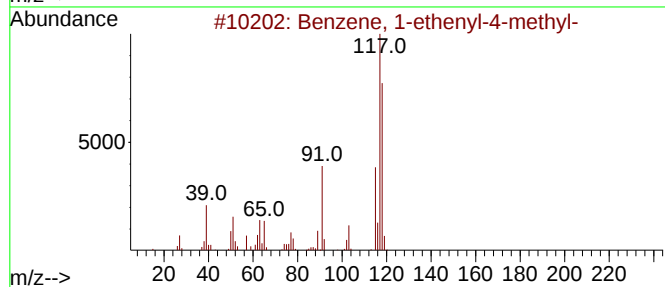
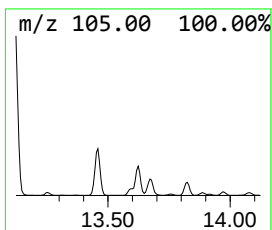
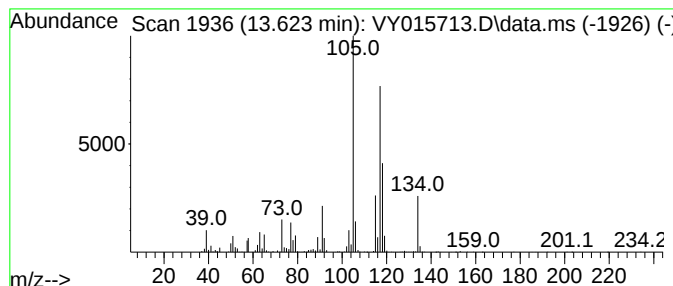
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethenyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	38.44 ug/l	562345	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	78
2			Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5			Indane	118	C9H10	000496-11-7	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
Data File : VY015713.D
Acq On : 26 Sep 2023 17:09
Operator : SY/MD
Sample : 04614-04
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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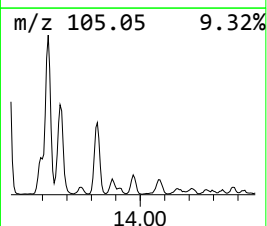
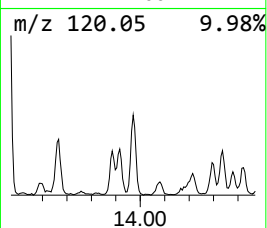
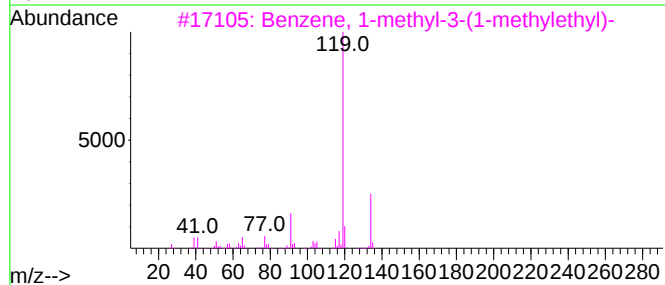
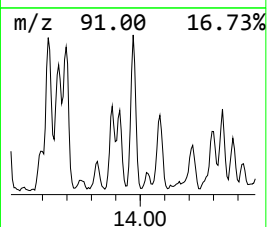
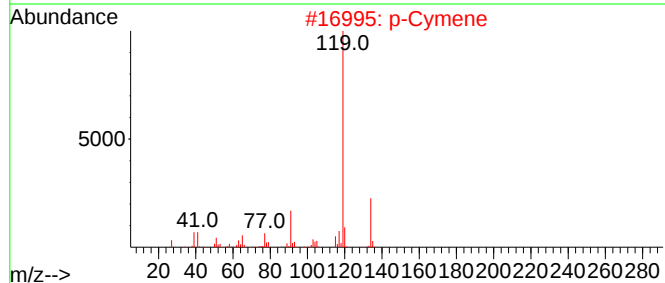
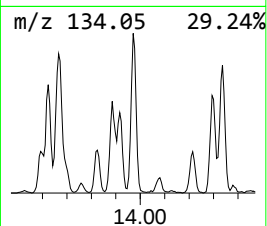
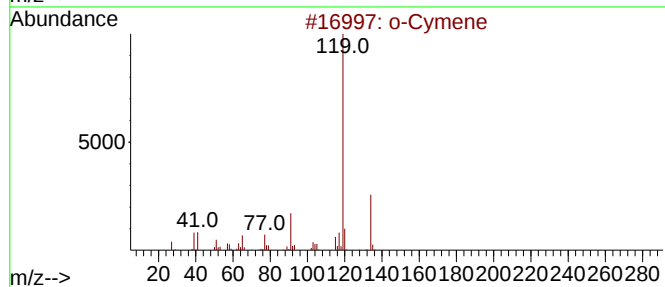
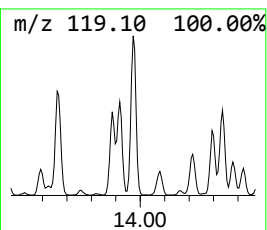
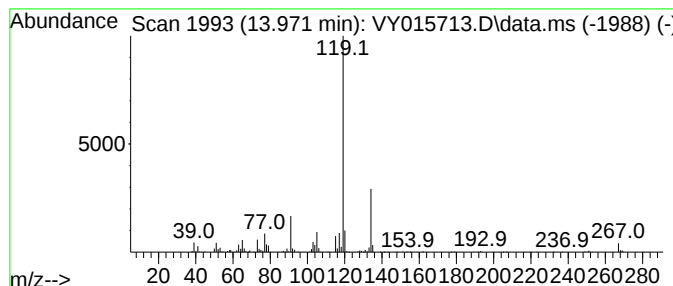
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Quant Title : SW846 8260

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

Peak Number 8 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	22.44 ug/l	328345	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			p-Cymene	134	C10H14	000099-87-6	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
Data File : VY015713.D
Acq On : 26 Sep 2023 17:09
Operator : SY/MD
Sample : 04614-04
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1049

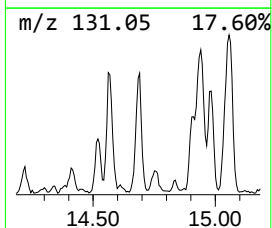
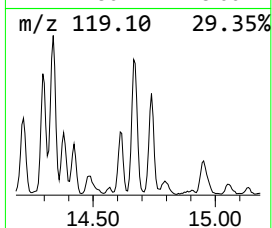
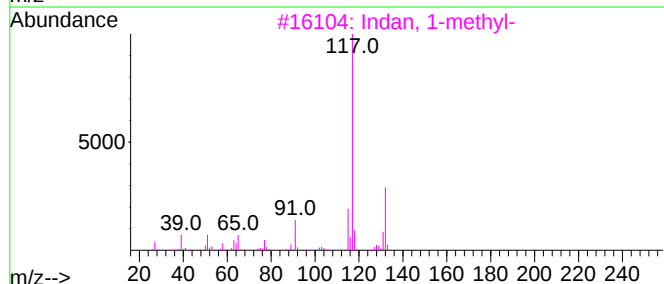
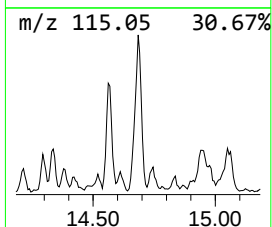
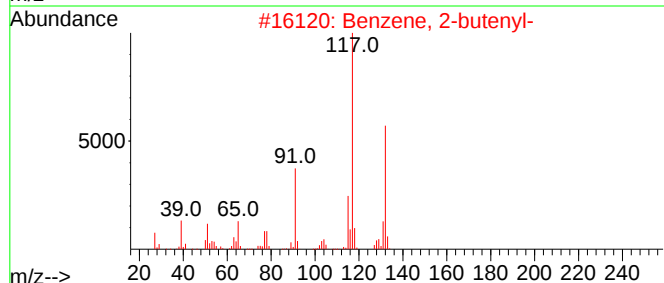
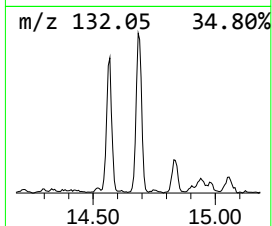
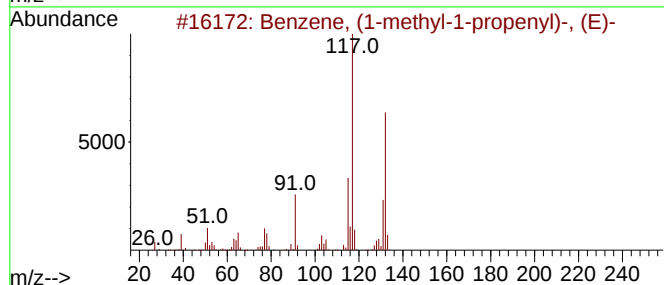
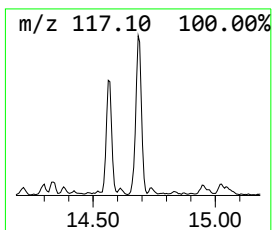
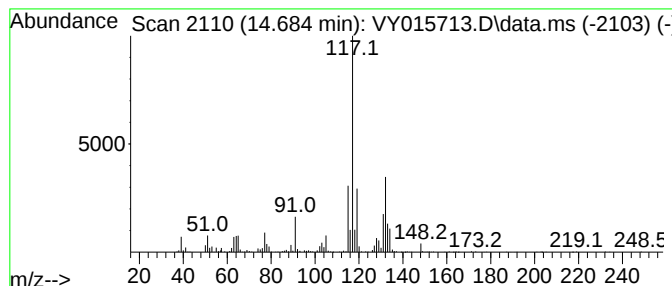
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, (1-methyl-1-propen... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	25.43 ug/l	371997	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
2			Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
3			Indan, 1-methyl-	132	C10H12	000767-58-8	76
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
Data File : VY015713.D
Acq On : 26 Sep 2023 17:09
Operator : SY/MD
Sample : 04614-04
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1049

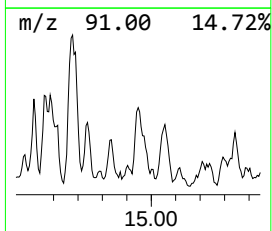
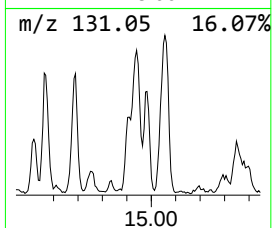
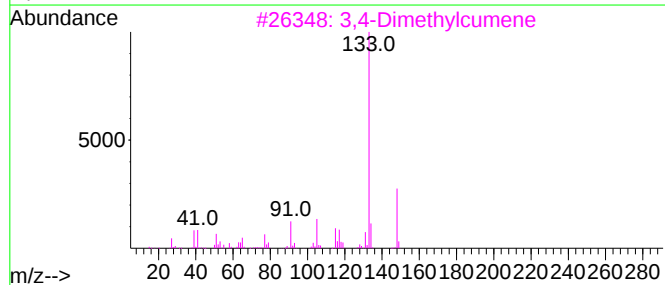
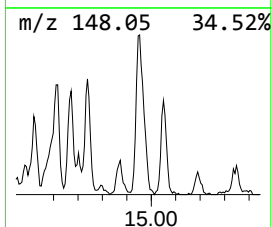
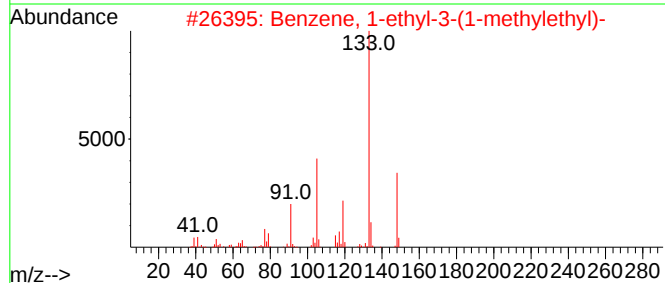
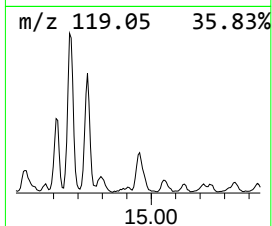
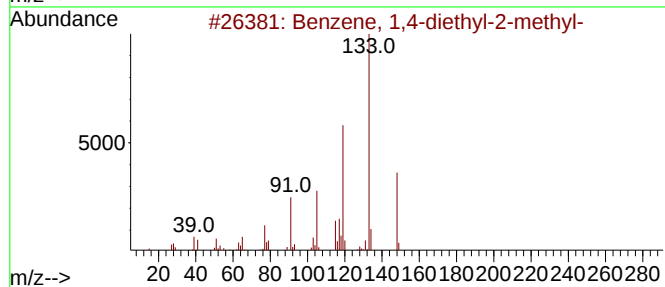
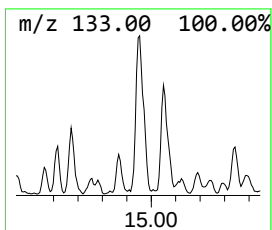
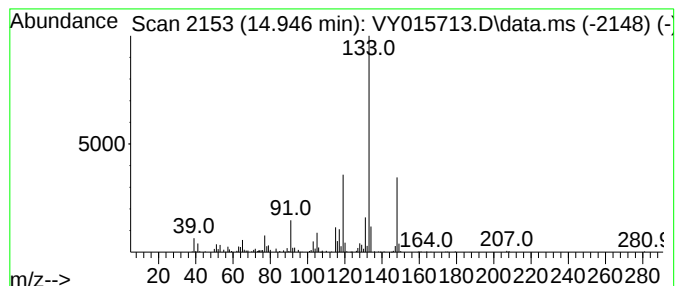
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	15.20 ug/l	222321	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	90
2			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	86
3			3,4-Dimethylcumene	148	C11H16	1000370-34-1	81
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	81
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
Data File : VY015713.D
Acq On : 26 Sep 2023 17:09
Operator : SY/MD
Sample : 04614-04
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1049

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.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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Pentane, 2,3,4-...	9.618	22.1	ug/l	240936	2	8.691	545865	50.0
Pentane, 2,3,3-...	9.752	52.3	ug/l	570499	2	8.691	545865	50.0
Benzene, 1-ethy...	12.733	54.3	ug/l	794004	4	13.428	731511	50.0
Benzene, 1-ethy...	12.971	23.1	ug/l	337253	4	13.428	731511	50.0
Benzene, 1-ethe...	13.623	38.4	ug/l	562345	4	13.428	731511	50.0
o-Cymene	13.971	22.4	ug/l	328345	4	13.428	731511	50.0
Benzene, (1-met...	14.684	25.4	ug/l	371997	4	13.428	731511	50.0
Benzene, 1,4-di...	14.946	15.2	ug/l	222321	4	13.428	731511	50.0