

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023555.D
 Acq On : 22 Oct 2025 16:46
 Operator : SY/MD
 Sample : Q3424-01
 Misc : 4.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-DP3-20251021

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\82Y1007255.M
 Title : SW846 8260

Signal : TIC: VY023555.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.110	383	392	402	rBV	63527	171726	4.39%	0.509%
2	4.616	463	475	491	rBV2	34820	124919	3.19%	0.370%
3	7.634	959	970	976	rBV	580952	1401881	35.83%	4.155%
4	7.713	976	983	992	rVV	974247	2274026	58.12%	6.740%
5	7.786	992	995	1006	rVB6	16626	41664	1.06%	0.123%
6	8.061	1032	1040	1052	rBV	475501	1053834	26.93%	3.123%
7	8.250	1063	1071	1080	rVB2	64302	165426	4.23%	0.490%
8	8.615	1122	1131	1145	rBV	1489721	2905409	74.25%	8.611%
9	8.853	1162	1170	1177	rBV	54633	116422	2.98%	0.345%
10	9.109	1200	1212	1219	rBV5	50714	142966	3.65%	0.424%
11	9.542	1276	1283	1292	rBV2	63901	134880	3.45%	0.400%
12	9.676	1295	1305	1311	rBV2	93042	198667	5.08%	0.589%
13	10.042	1360	1365	1369	rBV	55924	91075	2.33%	0.270%
14	10.109	1369	1376	1387	rVB	2229089	3912770	100.00%	11.597%
15	11.017	1520	1525	1530	rBV2	53624	90498	2.31%	0.268%
16	11.225	1549	1559	1568	rVB4	40899	124840	3.19%	0.370%
17	11.414	1584	1590	1599	rBV	2030334	3316682	84.77%	9.830%
18	11.615	1618	1623	1626	rBV3	62481	120575	3.08%	0.357%
19	11.664	1629	1631	1642	rVB4	82309	216045	5.52%	0.640%
20	11.767	1644	1648	1651	rBV2	33379	52330	1.34%	0.155%
21	11.865	1660	1664	1667	rBV	34681	56992	1.46%	0.169%
22	11.920	1667	1673	1682	rVV6	89431	285567	7.30%	0.846%
23	12.017	1685	1689	1698	rVB6	68039	187817	4.80%	0.557%
24	12.158	1698	1712	1717	rBV4	218865	656186	16.77%	1.945%
25	12.249	1723	1727	1731	rVB4	94658	154264	3.94%	0.457%
26	12.407	1745	1753	1760	rBV3	1915568	3619437	92.50%	10.727%
27	12.499	1760	1768	1772	rBV3	121236	287110	7.34%	0.851%
28	12.566	1772	1779	1786	rVB5	172636	479153	12.25%	1.420%
29	12.657	1786	1794	1800	rBV6	142912	433173	11.07%	1.284%
30	12.761	1800	1811	1819	rVV7	214229	720878	18.42%	2.137%
31	12.853	1820	1826	1832	rVV2	198819	529966	13.54%	1.571%
32	12.920	1833	1837	1841	rVV2	264680	450808	11.52%	1.336%
33	12.993	1841	1849	1853	rVB	308893	603412	15.42%	1.788%
34	13.096	1861	1866	1871	rBV2	200061	384134	9.82%	1.139%
35	13.206	1880	1884	1892	rVB3	521350	864584	22.10%	2.562%
36	13.273	1892	1895	1899	rVV2	83619	101932	2.61%	0.302%

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37	13.346	1900	1907	1912	rVV	1708333	2744059	70.13%	8.133%
38	13.401	1912	1916	1925	rVB	401868	876882	22.41%	2.599%
39	13.487	1926	1930	1934	rBV4	117246	182509	4.66%	0.541%
40	13.560	1940	1942	1946	rVB3	140394	177657	4.54%	0.527%
41	13.663	1956	1959	1966	rVB7	118584	185093	4.73%	0.549%
42	13.883	1991	1995	1999	rVV	347595	518700	13.26%	1.537%
43	13.926	1999	2002	2009	rVB2	268095	463784	11.85%	1.375%
44	13.993	2010	2013	2017	rVB3	71033	90742	2.32%	0.269%
45	14.060	2021	2024	2030	rVB5	127947	242797	6.21%	0.720%
46	14.169	2038	2042	2050	rBV5	161465	368426	9.42%	1.092%
47	14.303	2060	2064	2067	rBV3	140294	239746	6.13%	0.711%
48	14.389	2074	2078	2084	rVB6	66472	119553	3.06%	0.354%
49	14.535	2099	2102	2108	rBV5	90216	164687	4.21%	0.488%
50	14.645	2117	2120	2127	rVB2	160743	264277	6.75%	0.783%
51	14.761	2137	2139	2142	rBV3	43662	47709	1.22%	0.141%
52	14.852	2152	2154	2158	rVB4	74259	96191	2.46%	0.285%
53	15.120	2195	2198	2204	rVB2	93271	146930	3.76%	0.435%
54	15.504	2258	2261	2266	rVB3	110514	178446	4.56%	0.529%
55	16.047	2347	2350	2356	rVB3	60175	94460	2.41%	0.280%
56	16.358	2397	2401	2405	rVB7	37299	65433	1.67%	0.194%

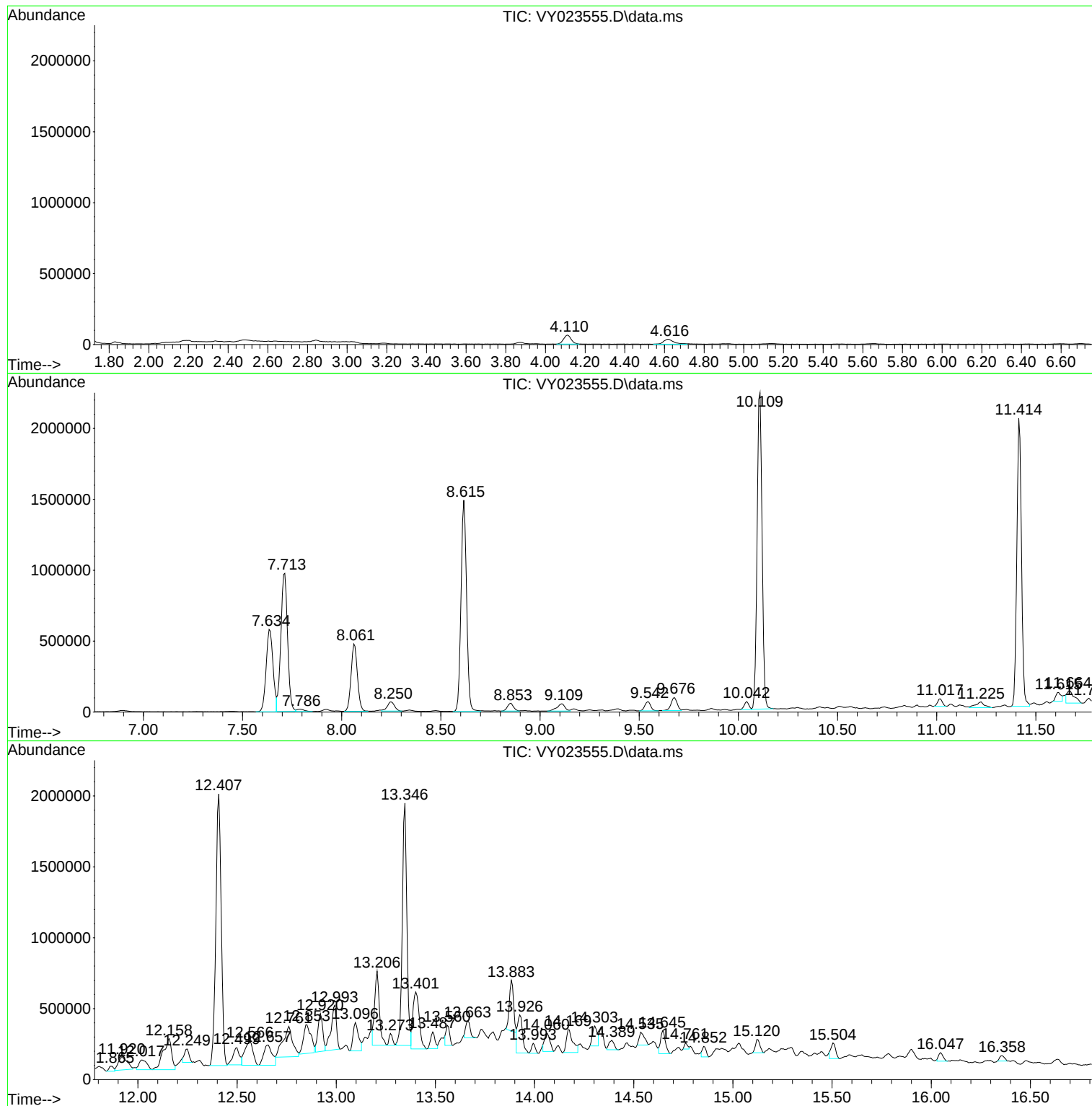
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Quant Title : SW846 8260

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



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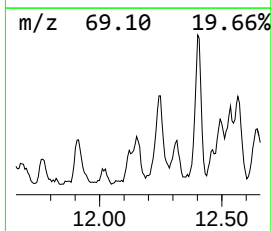
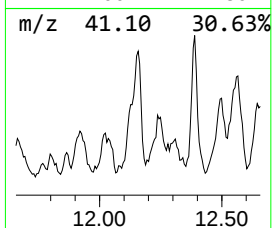
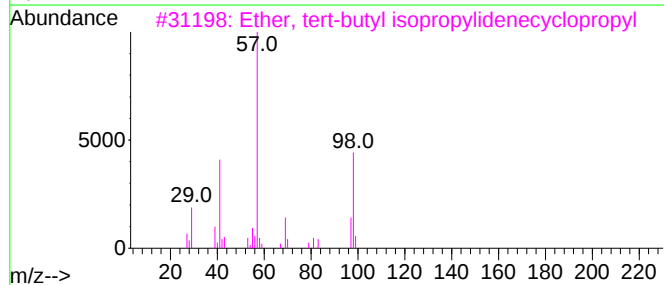
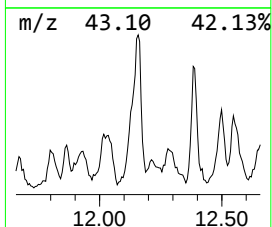
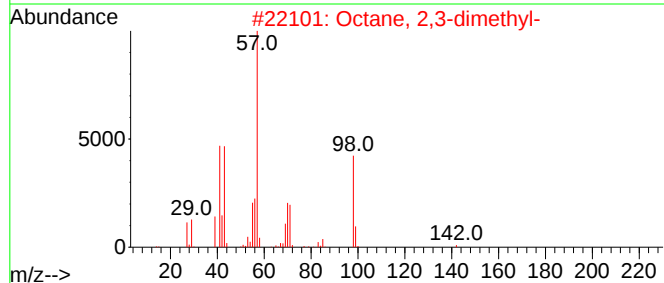
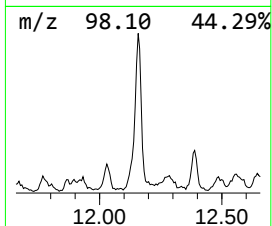
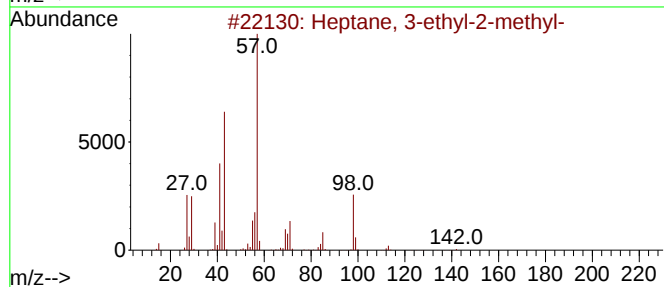
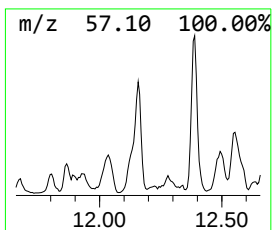
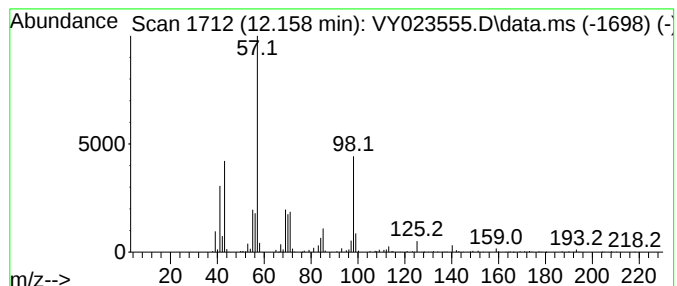
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane, 3-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.158	9.89 ug/l	656186	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	81
3			Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	47
4			Heptane, 4-propyl-	142	C10H22	003178-29-8	46
5			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	43



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ClientSampleId :
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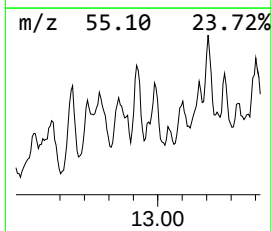
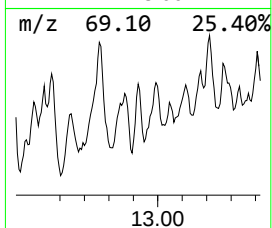
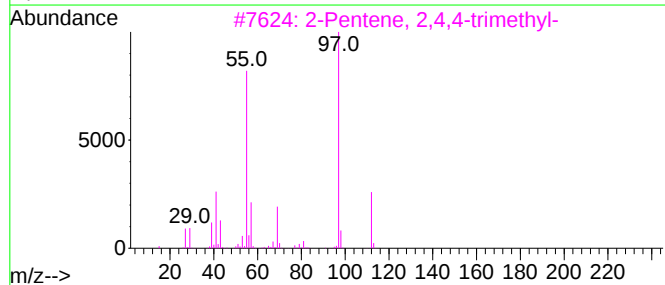
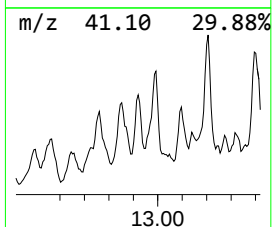
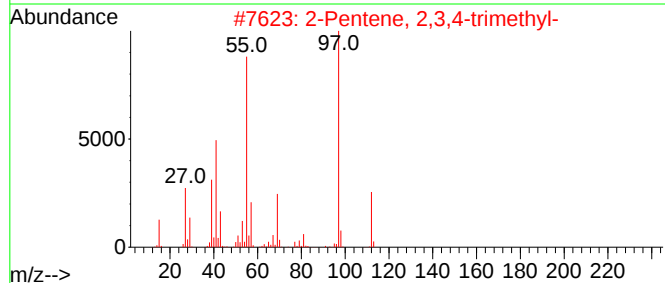
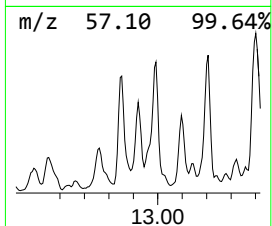
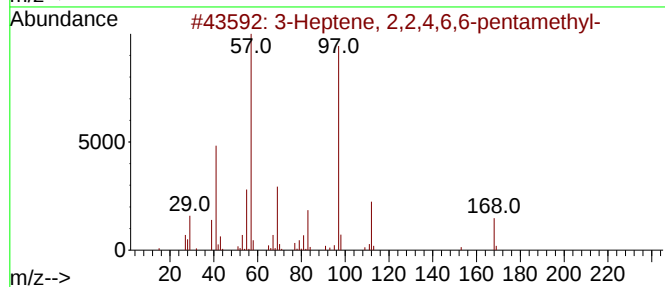
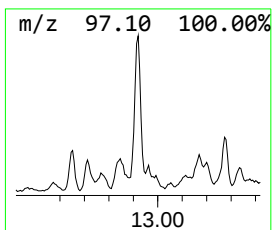
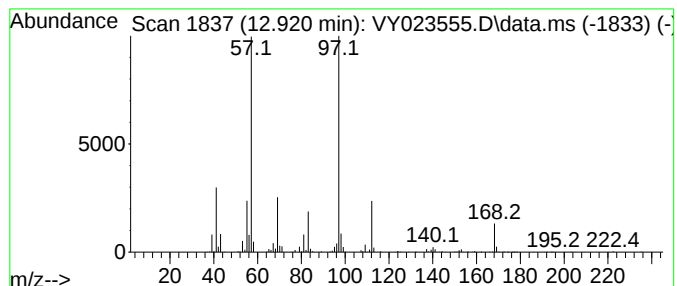
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Heptene, 2,2,4,6,6-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	8.21 ug/l	450808	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	90
2			2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	58
3			2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	58
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
5			2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	53



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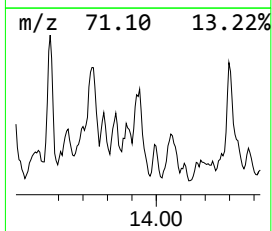
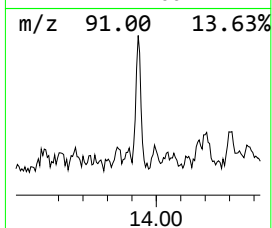
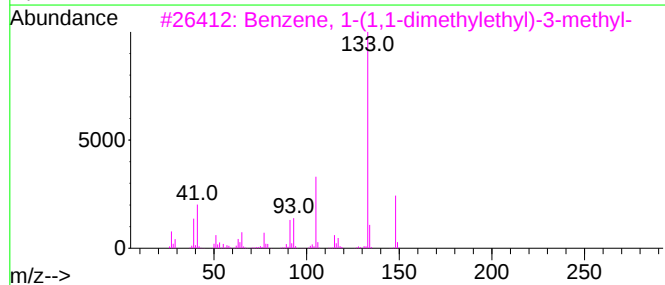
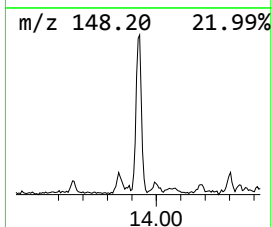
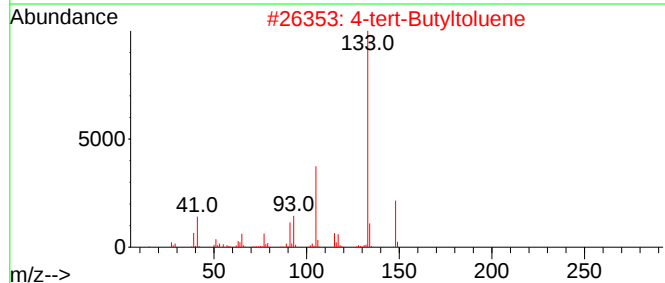
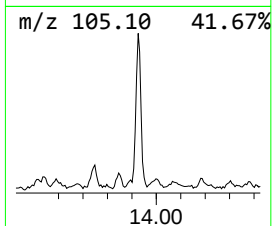
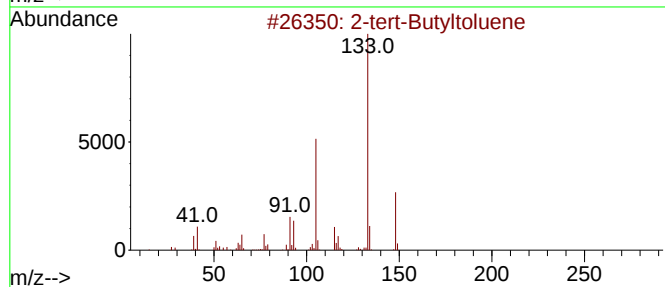
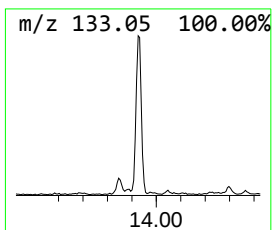
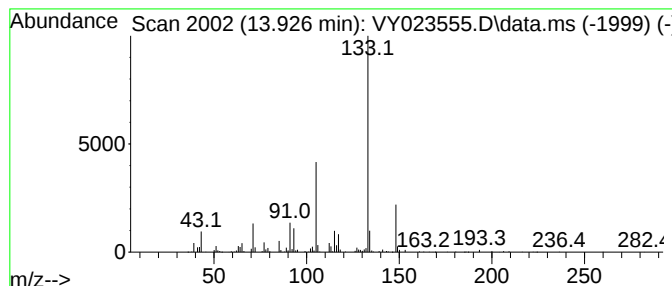
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Peak Number 10 2-tert-Butyltoluene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.926	8.45 ug/l	463784	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-tert-Butyltoluene	148	C11H16	001074-92-6	96
2			4-tert-Butyltoluene	148	C11H16	000098-51-1	95
3			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	93
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
5			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptane, 3-ethy...	12.158	9.9	ug/l	656186	3	11.414	3316680	50.0
3-Heptene, 2,2,...	12.920	8.2	ug/l	450808	4	13.346	2744060	50.0
2-tert-Butyltol...	13.926	8.4	ug/l	463784	4	13.346	2744060	50.0