LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy110619\
Data File : VY000559.D
Acq On : 06 Nov 2019 18:07
Operator : SY/MD
Sample : K5725-04
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

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\82Y103019S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.992	852	862	873	rBV	16911	54319	1.11%	0.073%
2	7.730	971	983	988	rBV	124605	290463	5.94%	0.389%
3	7.803	988	995	1004	rVB	221011	500178	10.22%	0.670%
4	8.151	1040	1052	1063	rVB2	135302	342920	7.01%	0.459%
5	8.699	1132	1142	1153	rBV	347835	687251	14.04%	0.921%
6	9.614	1285	1292	1300	rBV3	24879	53615	1.10%	0.072%
7	9.760	1308	1316	1320	rBV3	25749	54305	1.11%	0.073%
8	9.937	1337	1345	1350	rBV2	24990	51468	1.05%	0.069%
9	10.181	1378	1385	1398	rVB	642023	1190491	24.33%	1.595%
10	10.352	1408	1413	1422	rVB4	43627	119308	2.44%	0.160%
11	10.522	1436	1441	1447	rVB	90316	156023	3.19%	0.209%
12	10.620	1452	1457	1461	rBV3	42284	76836	1.57%	0.103%
13	10.711	1467	1472	1477	rVB2	53321	78499	1.60%	0.105%
14	10.803	1477	1487	1492	rBV	114069	190420	3.89%	0.255%
15	10.900	1497	1503	1510	rBV	96404	199324	4.07%	0.267%
16	10.973	1510	1515	1517	rBV4	37758	55067	1.13%	0.074%
17	11.034	1522	1525	1529	rVV	105457	159607	3.26%	0.214%
18	11.089	1529	1534	1540	rVV	280142	484446	9.90%	0.649%
19	11.144	1540	1543	1547	rVV3	50698	69860	1.43%	0.094%
20	11.205	1547	1553	1557	rVV3	144857	257361	5.26%	0.345%
21	11.248	1557	1560	1563	rVV2	67690	94800	1.94%	0.127%
22	11.296	1563	1568	1576	rVB	167356	312115	6.38%	0.418%
23	11.376	1576	1581	1584	rBV2	63055	103966	2.12%	0.139%
24	11.492	1594	1600	1605	rBV	495832	826784	16.90%	1.107%
25	11.626	1617	1622	1625	rBV2	84541	118743	2.43%	0.159%
26	11.674	1625	1630	1635	rBV4	105027	205655	4.20%	0.275%
27	11.735	1635	1640	1644	rBV	251281	460110	9.40%	0.616%
28	11.778	1644	1647	1652	rVB3	200713	304357	6.22%	0.408%
29	11.839	1652	1657	1660	rBV4	57650	108781	2.22%	0.146%
30	11.894	1661	1666	1668	rBV3	37006	59988	1.23%	0.080%
31	11.931	1668	1672	1676	rVB2	94311	152480	3.12%	0.204%
32	11.998	1676	1683	1690	rBV4	355016	895824	18.31%	1.200%
33	12.059	1690	1693	1695	rVB4	60885	56606	1.16%	0.076%
34	12.119	1699	1703	1707	rVB	485628	653437	13.35%	0.875%

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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Title : SW846 8260

35	12.162	1707	1710	1711	rBV2	85935	91113	1.86%	0.122%
36	12.199	1712	1716	1719	rBV2	334207	562873	11.50%	0.754%
37	12.235	1719	1722	1728	rVB3	433106	764431	15.62%	1.024%
38	12.369	1738	1744	1750	rVB5	284143	649163	13.27%	0.870%
39	12.424	1750	1753	1757	rVB2	68086	95364	1.95%	0.128%
40	12.479	1757	1762	1768	rBV3	549210	919547	18.79%	1.232%
41	12.565	1768	1776	1781	rBV6	216683	643465	13.15%	0.862%
42	12.644	1785	1789	1795	rVB2	571223	1011876	20.68%	1.355%
43	12.723	1795	1802	1807	rBV5	304874	798803	16.32%	1.070%
44	12.808	1808	1816	1820	rVV4	638297	1614408	32.99%	2.162%
45	12.857	1821	1824	1829	rVB3	416861	643514	13.15%	0.862%
46	12.912	1829	1833	1834	rBV3	75915	96224	1.97%	0.129%
47	12.949	1835	1839	1842	rBV4	339345	432237	8.83%	0.579%
48	13.034	1851	1853	1860	rVB5	178638	349932	7.15%	0.469%
49	13.132	1866	1869	1871	rBV4	113232	135305	2.77%	0.181%
50	13.162	1871	1874	1879	rBV2	339509	546197	11.16%	0.732%
51	13.217	1880	1883	1886	rBV	261581	335897	6.86%	0.450%
52	13.320	1891	1900	1903	rBV3	928282	2067383	42.25%	2.769%
53	13.424	1912	1917	1922	rBV	467854	810714	16.57%	1.086%
54	13.564	1936	1940	1943	rBV3	295503	487575	9.96%	0.653%
55	13.692	1955	1961	1962	rBV5	171749	320955	6.56%	0.430%
56	13.747	1964	1970	1974	rVV3	1648702	3225919	65.92%	4.321%
57	13.796	1974	1978	1982	rVV4	724466	1420259	29.02%	1.902%
58	13.851	1984	1987	1994	rVV5	742877	1706563	34.88%	2.286%
59	13.930	1995	2000	2003	rVV5	552947	1268247	25.92%	1.699%
60	13.967	2003	2006	2015	rVB	889776	1704109	34.82%	2.283%
61	14.076	2019	2024	2029	rBV3	809060	1278919	26.14%	1.713%
62	14.144	2029	2035	2040	rBV4	770883	1468850	30.02%	1.967%
63	14.198	2040	2044	2048	rBV6	403579	581720	11.89%	0.779%
64	14.259	2048	2054	2065	rBV6	1948014	4893353	100.00%	6.555%
65	14.375	2069	2073	2076	rBV2	547920	777030	15.88%	1.041%
66	14.418	2076	2080	2084	rBV3	1288668	1878724	38.39%	2.517%
67	14.546	2099	2101	2104	rBV	281175	296316	6.06%	0.397%
68	14.619	2109	2113	2116	rBV3	654991	1102293	22.53%	1.476%
69	14.680	2118	2123	2128	rVV3	1724983	3281013	67.05%	4.395%
70	14.735	2128	2132	2138	rVB4	1339232	2490417	50.89%	3.336%
71	14.845	2147	2150	2153	rBV2	486575	633661	12.95%	0.849%

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Integrator: RTE
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Title : SW846 8260

72	14.942	2162	2166	2170	rVB2	1708744	2518252	51.46%	3.373%
73	14.985	2170	2173	2174	rBV	510057	598532	12.23%	0.802%
74	15.052	2179	2184	2188	rVV3	1026625	1906484	38.96%	2.554%
75	15.210	2205	2210	2216	rVB	3062557	4524518	92.46%	6.060%
76	15.284	2219	2222	2227	rVV3	767097	1224268	25.02%	1.640%
77	15.442	2244	2248	2255	rVB7	596878	1421315	29.05%	1.904%
78	15.601	2270	2274	2280	rVB5	1069409	1999472	40.86%	2.678%
79	15.686	2281	2288	2292	rBV4	930182	2513759	51.37%	3.367%
80	16.027	2340	2344	2349	rVB2	897557	1577281	32.23%	2.113%
81	16.155	2361	2365	2369	rBV4	510374	825659	16.87%	1.106%
82	16.222	2372	2376	2383	rVB2	993762	1979711	40.46%	2.652%
83	16.472	2412	2417	2427	rBV8	681872	1736472	35.49%	2.326%
84	16.759	2459	2464	2471	rVB3	449889	1020461	20.85%	1.367%

Sum of corrected areas: 74655960

LSC Report - Integrated Chromatogram

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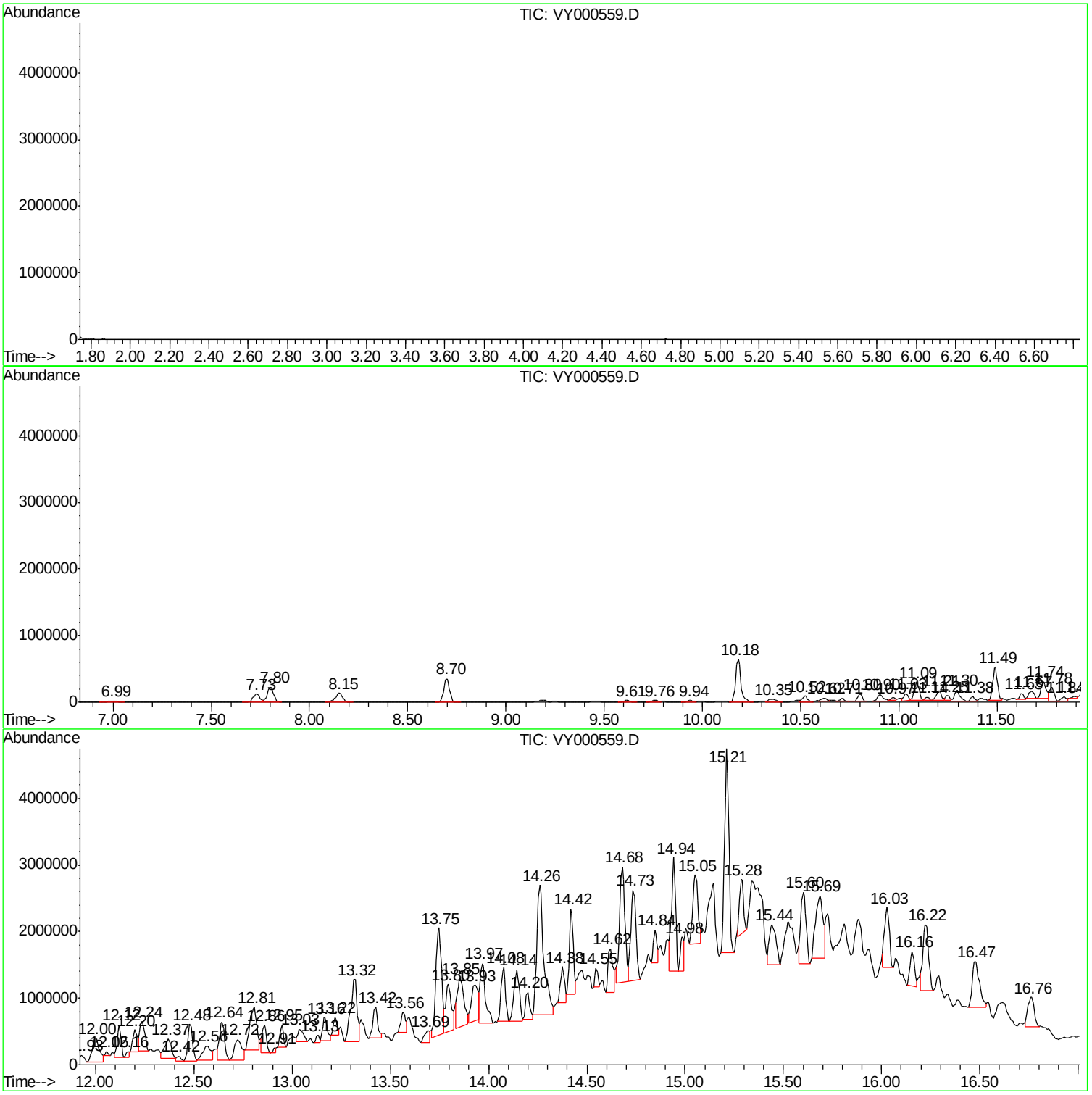
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SO-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Operator : SY/MD
Sample : K5725-04
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

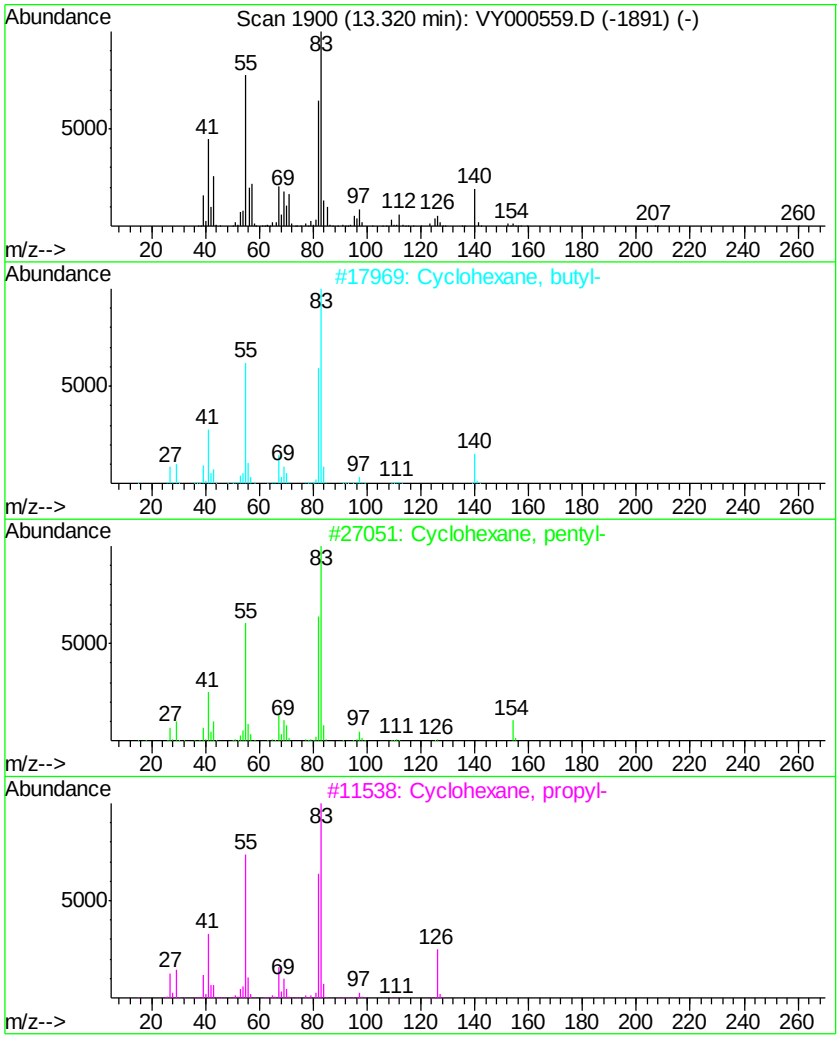
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

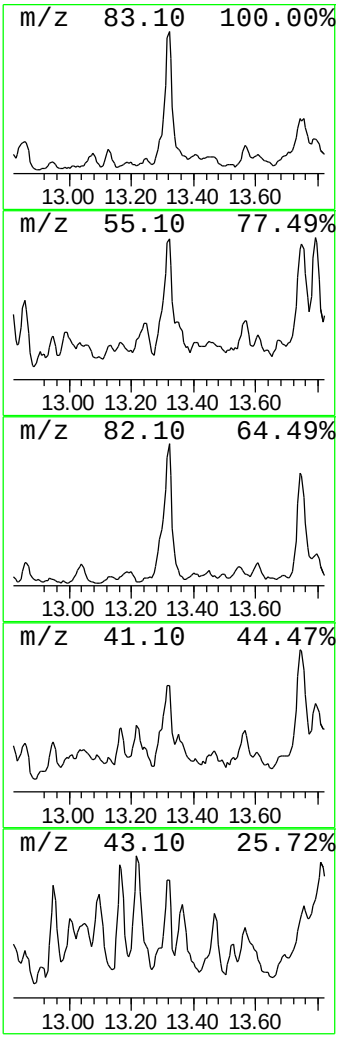
****

Peak Number 1 Cyclohexane, butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	127.50 ug/l	2067380	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59





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Sample : K5725-04
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

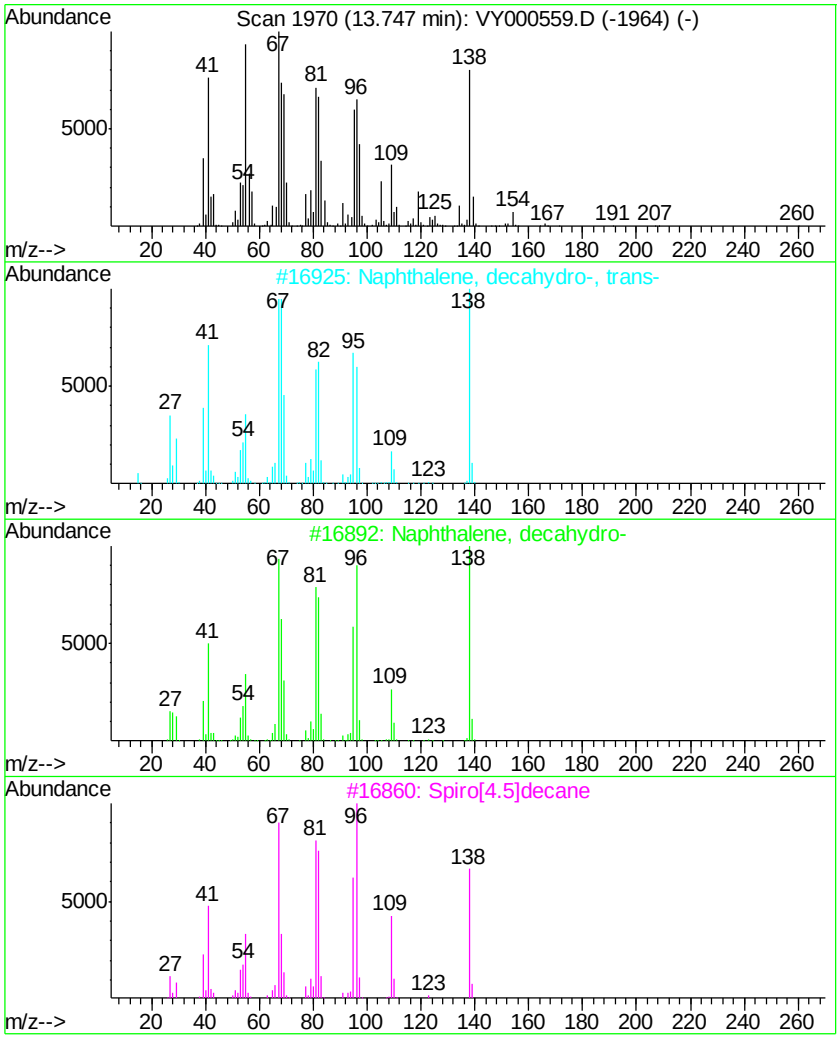
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

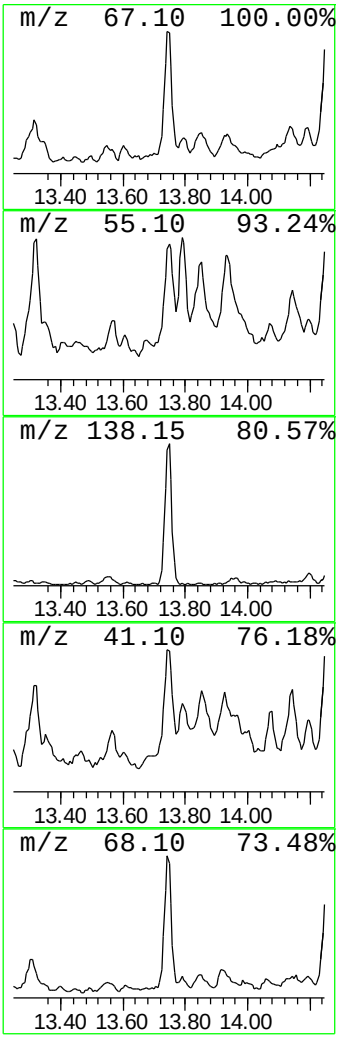
****

Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	198.96 ug/l	3225920	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3	Spiro[4.5]decane	138	C10H18	000176-63-6	94
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
5	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	74





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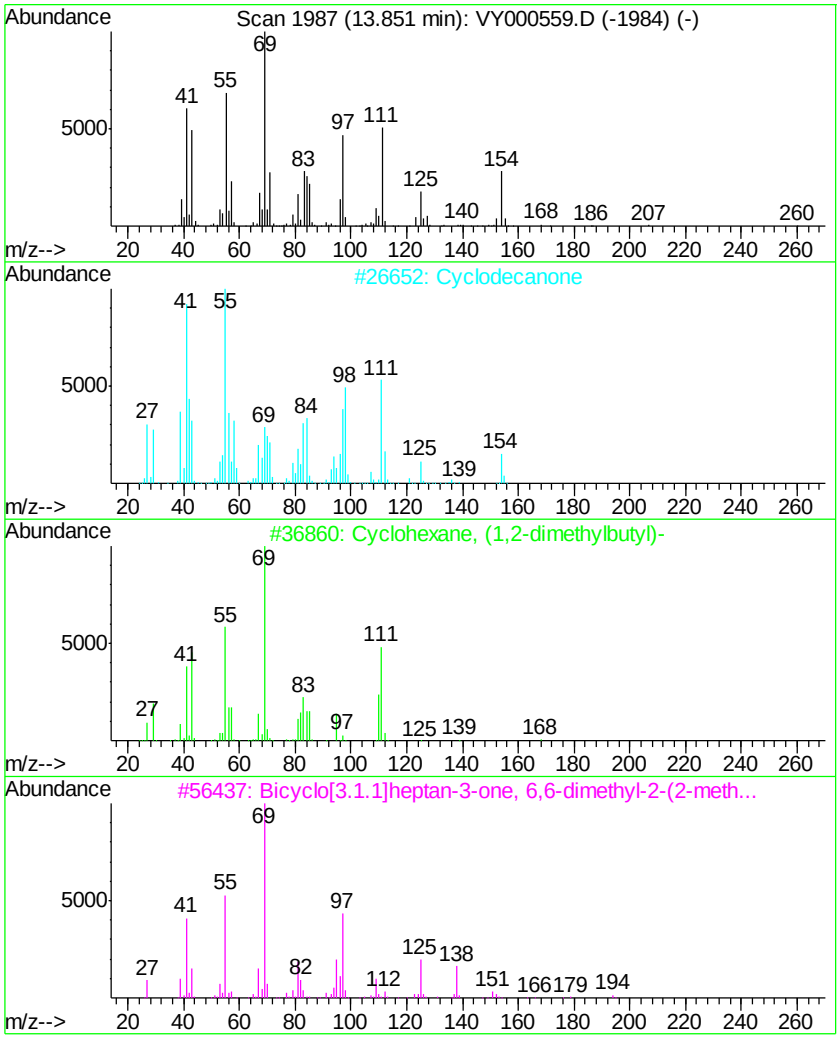
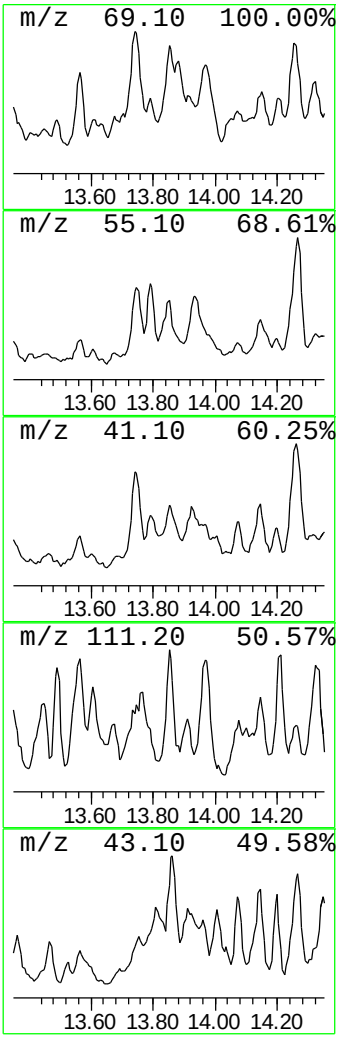
****

Peak Number 3 Cyclodecanone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	105.25 ug/l	1706560	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecanone	154	C10H18O	001502-06-3	60
2	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	53
3	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	43
4	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	38
5	Cyclooctanemethanol	142	C9H18O	003637-63-6	38





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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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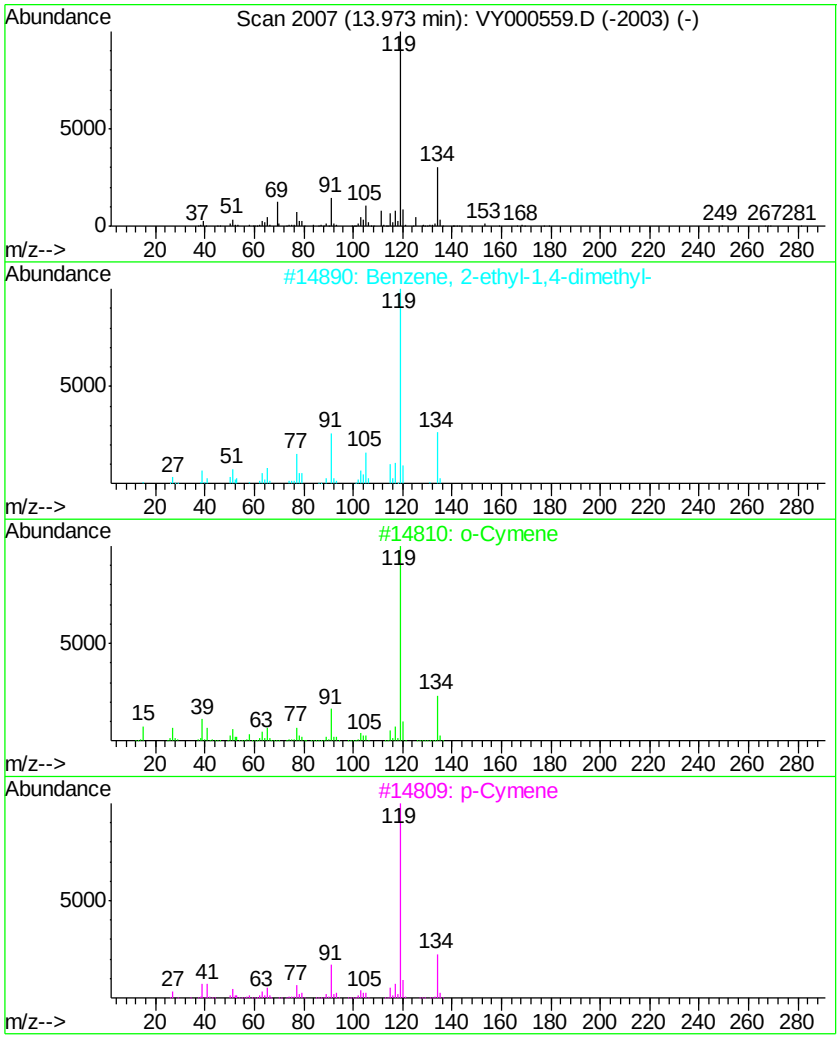
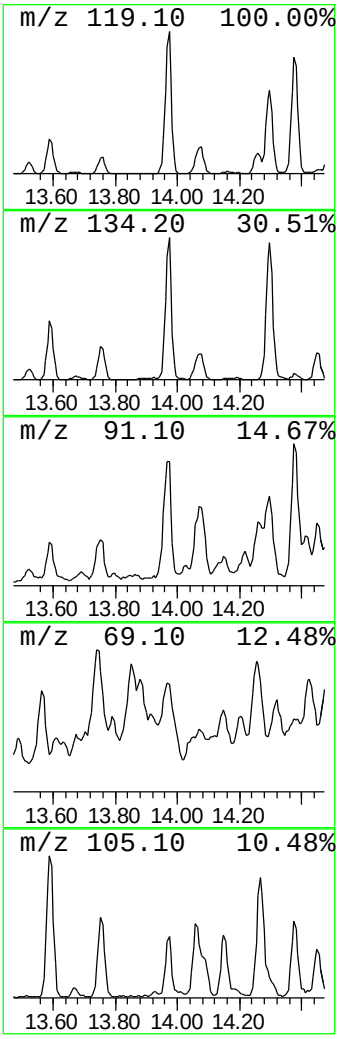
****
Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	105.10 ug/l	1704110	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





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Instrument : MSVOA_Y
ClientSampleId : SO-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

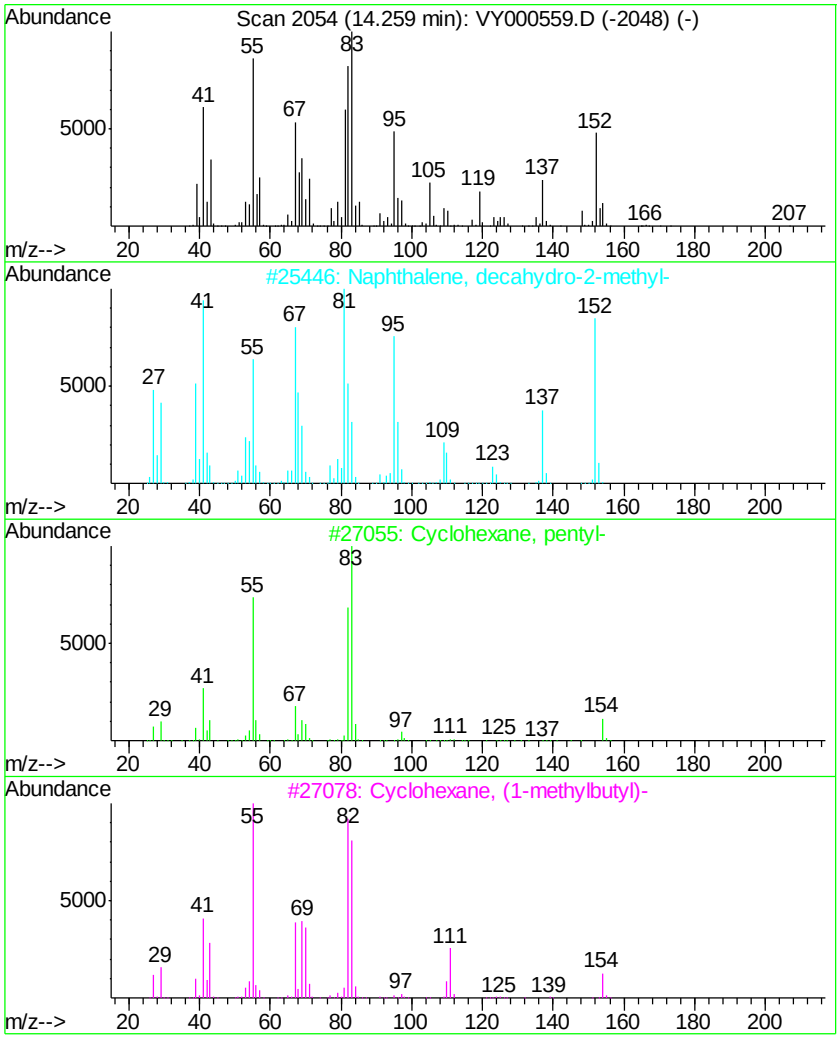
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

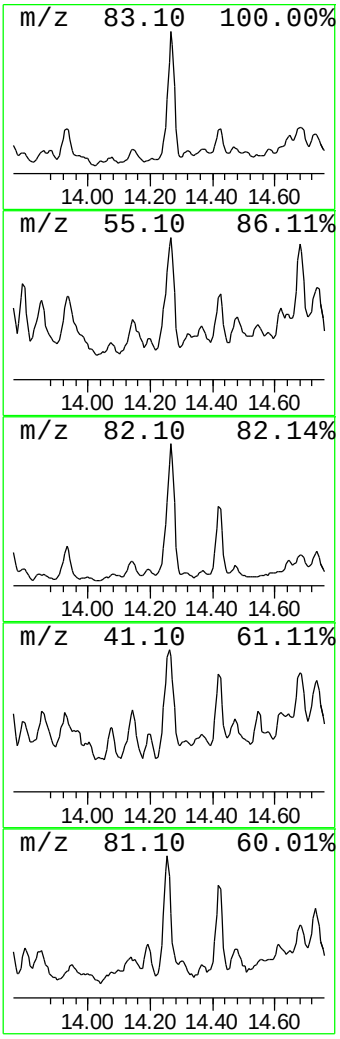
****

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	301.79 ug/l	4893350	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
3	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	49
4	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	45
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	42





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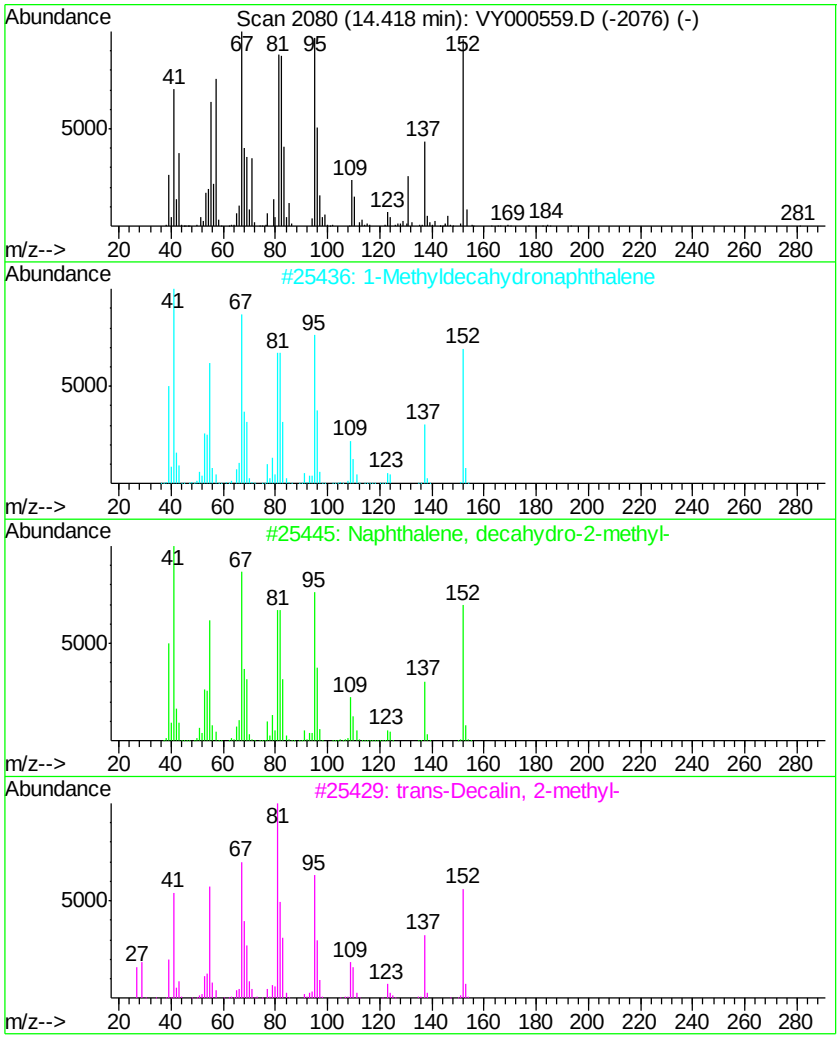
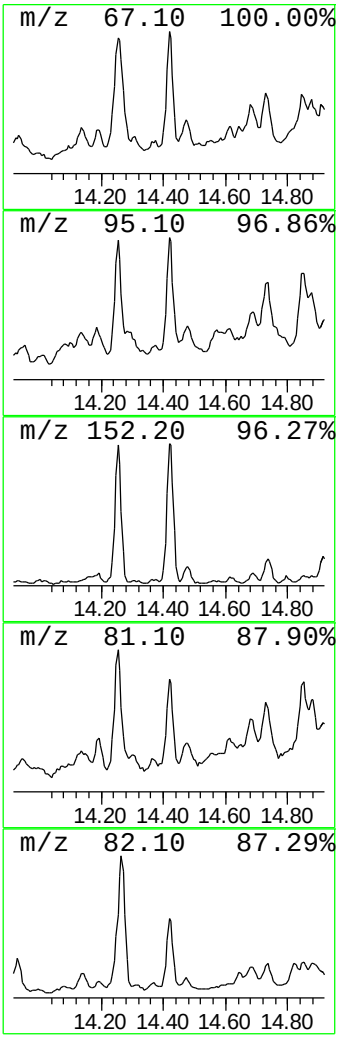
****

Peak Number 6 1-Methyldecahydronaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	115.87 ug/l	1878720	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	70
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64





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Acq On : 06 Nov 2019 18:07
Operator : SY/MD
Sample : K5725-04
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

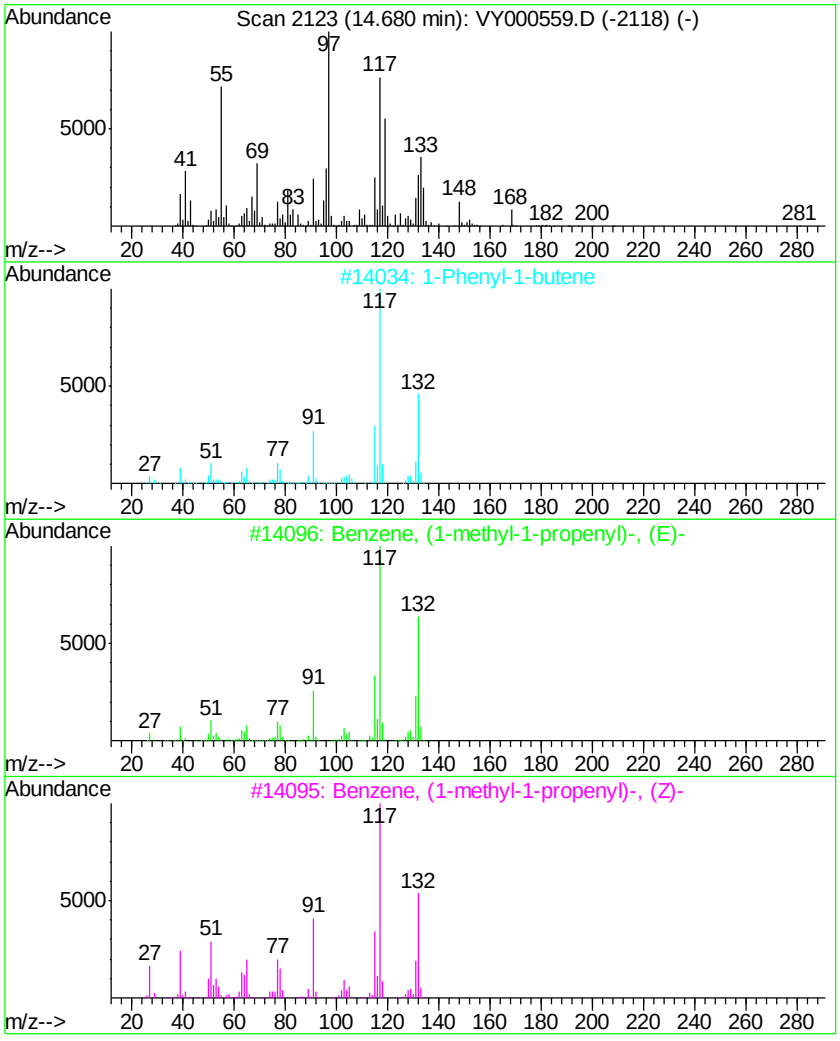
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

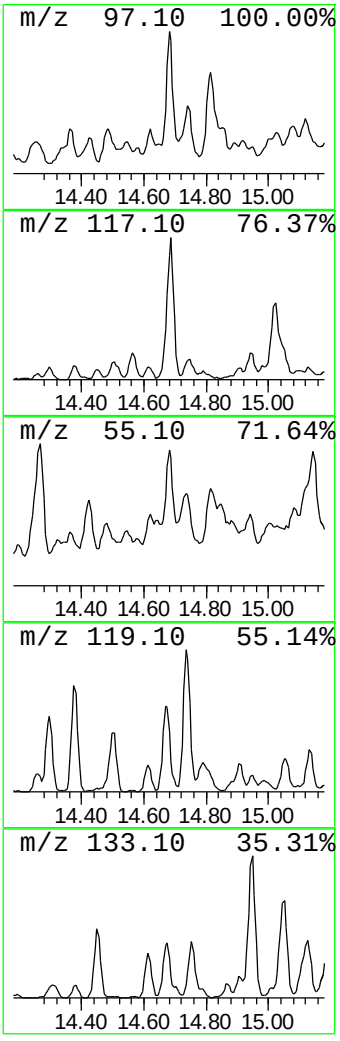
****

Peak Number 7 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	202.35 ug/l	3281010	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	80
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	49
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	47
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	42
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	42





Library Search Compound Report

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Data File : VY000559.D
Acq On : 06 Nov 2019 18:07
Operator : SY/MD
Sample : K5725-04
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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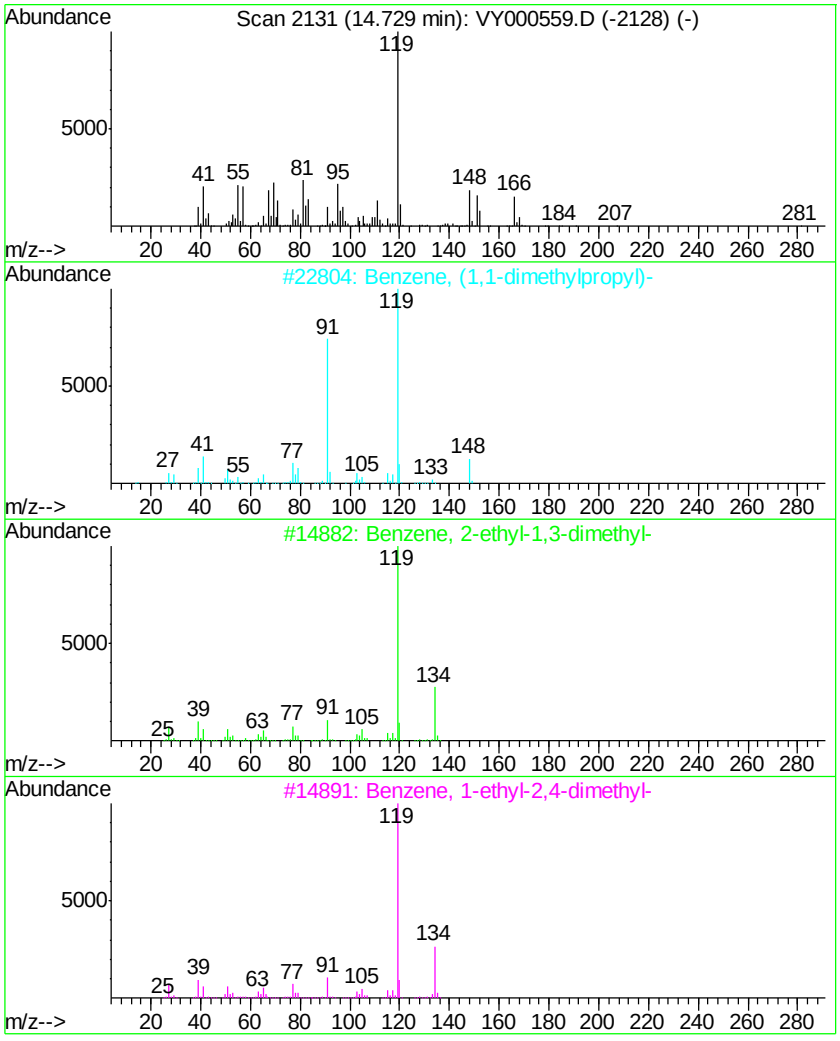
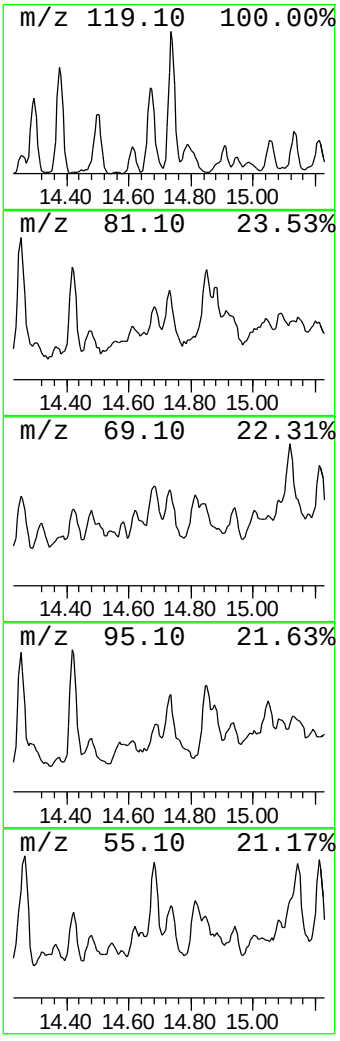
Peak Number 8 Benzene, (1,1-dimethylpropyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	153.59 ug/l	2490420	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	62
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	46
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46
4	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	46
5	1,2-Benzenediol, O-methoxycarbon...	286	C16H14O5	1000329-75-7	43





Library Search Compound Report

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Acq On : 06 Nov 2019 18:07
Operator : SY/MD
Sample : K5725-04
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

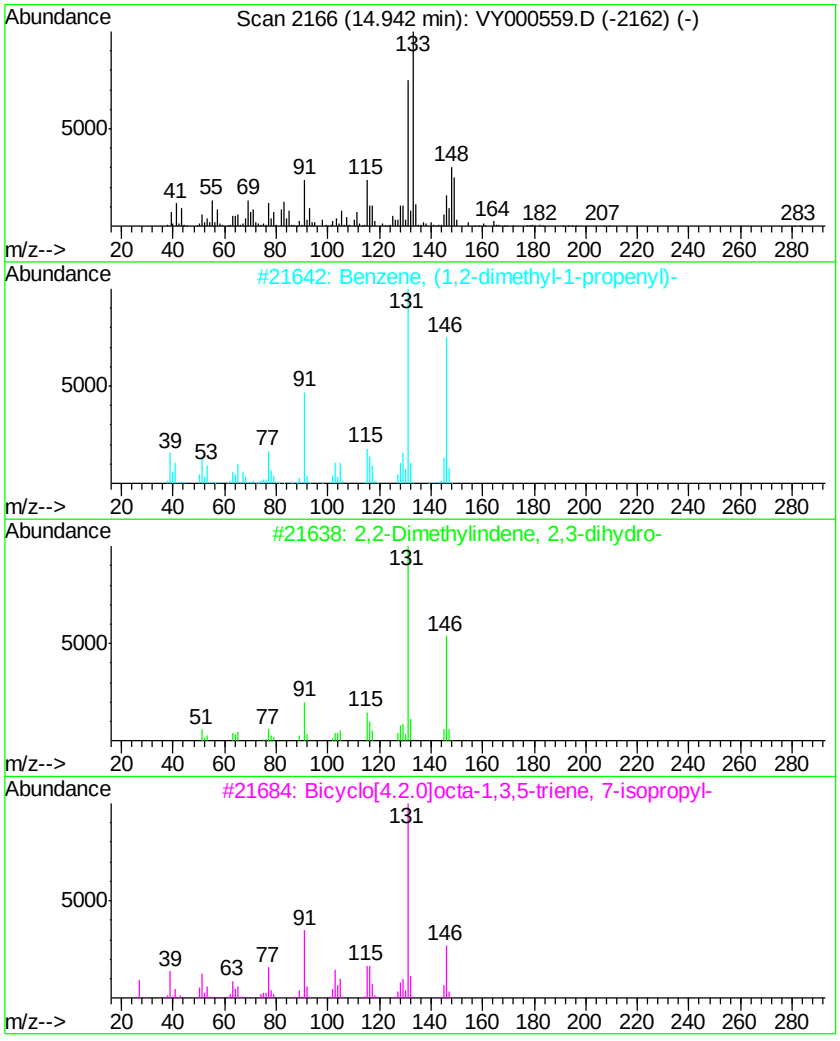
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

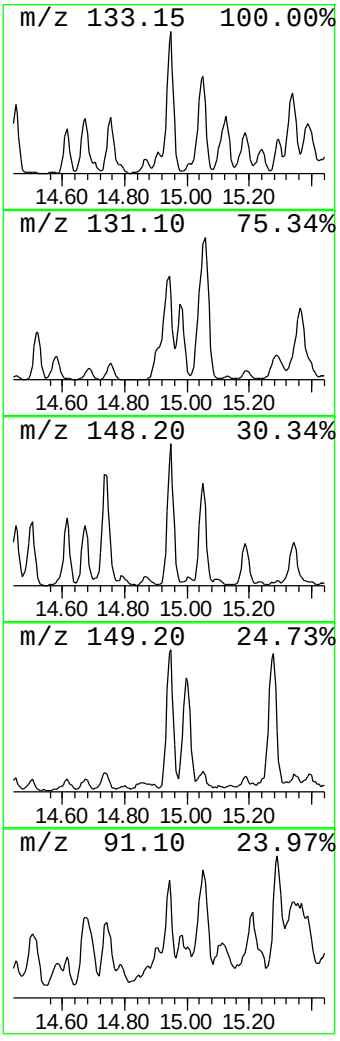
****

Peak Number 9 unknown14.94 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	155.31 ug/l	2518250	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	46
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	46
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	46
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46





Library Search Compound Report

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Data File : VY000559.D
Acq On : 06 Nov 2019 18:07
Operator : SY/MD
Sample : K5725-04
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

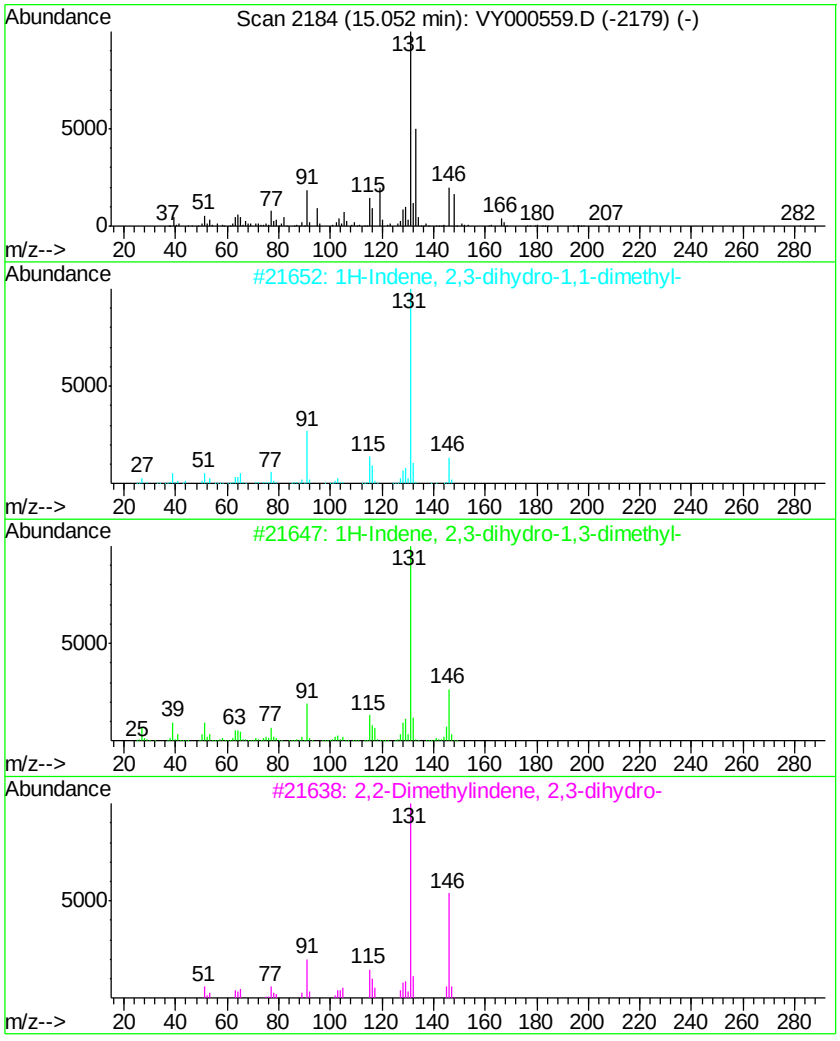
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

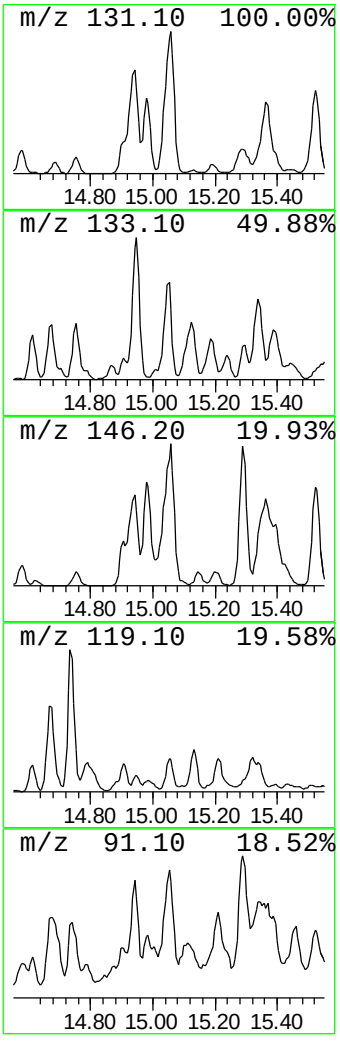
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	117.58 ug/l	1906480	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	60
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53





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Acq On : 06 Nov 2019 18:07
Operator : SY/MD
Sample : K5725-04
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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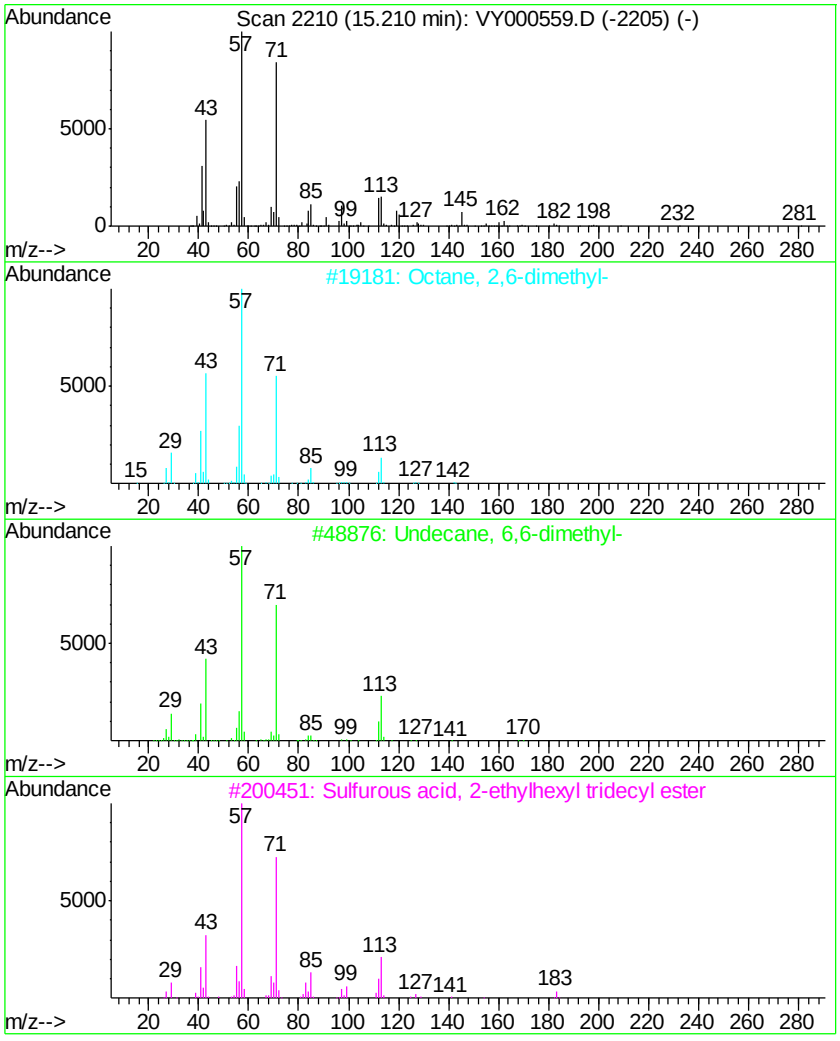
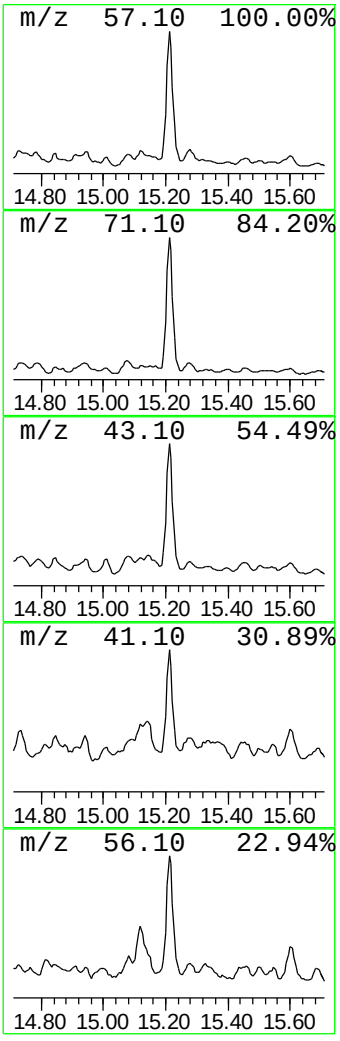
Peak Number 11 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	279.05 ug/l	4524520	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
3	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	59
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy110619\
Data File : VY000559.D
Acq On : 06 Nov 2019 18:07
Operator : SY/MD
Sample : K5725-04
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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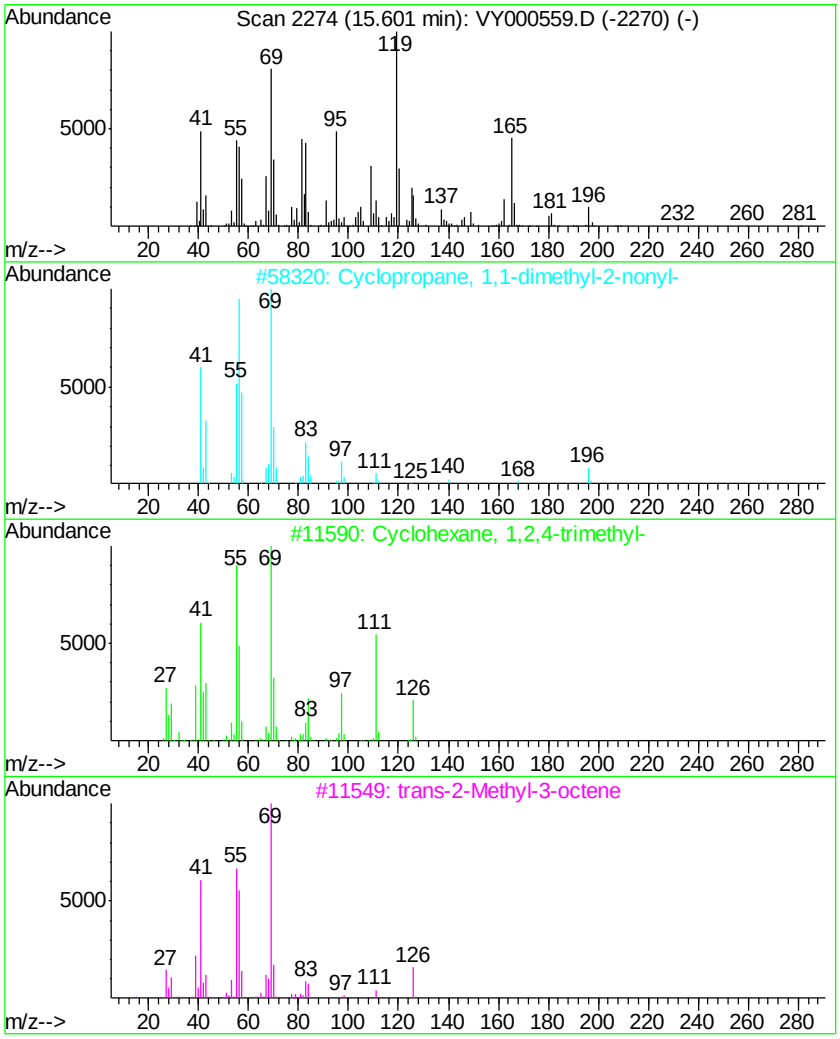
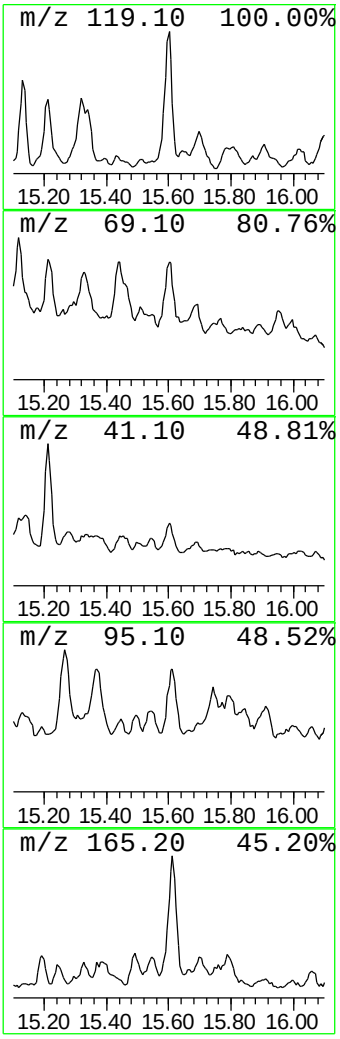
Peak Number 12 unknown15.60 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	123.32 ug/l	1999470	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	22
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	18
3	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	18
4	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	15
5	5-Undecene, 5-methyl-, (Z)-	168	C12H24	057024-93-8	14





Library Search Compound Report

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Data File : VY000559.D
Acq On : 06 Nov 2019 18:07
Operator : SY/MD
Sample : K5725-04
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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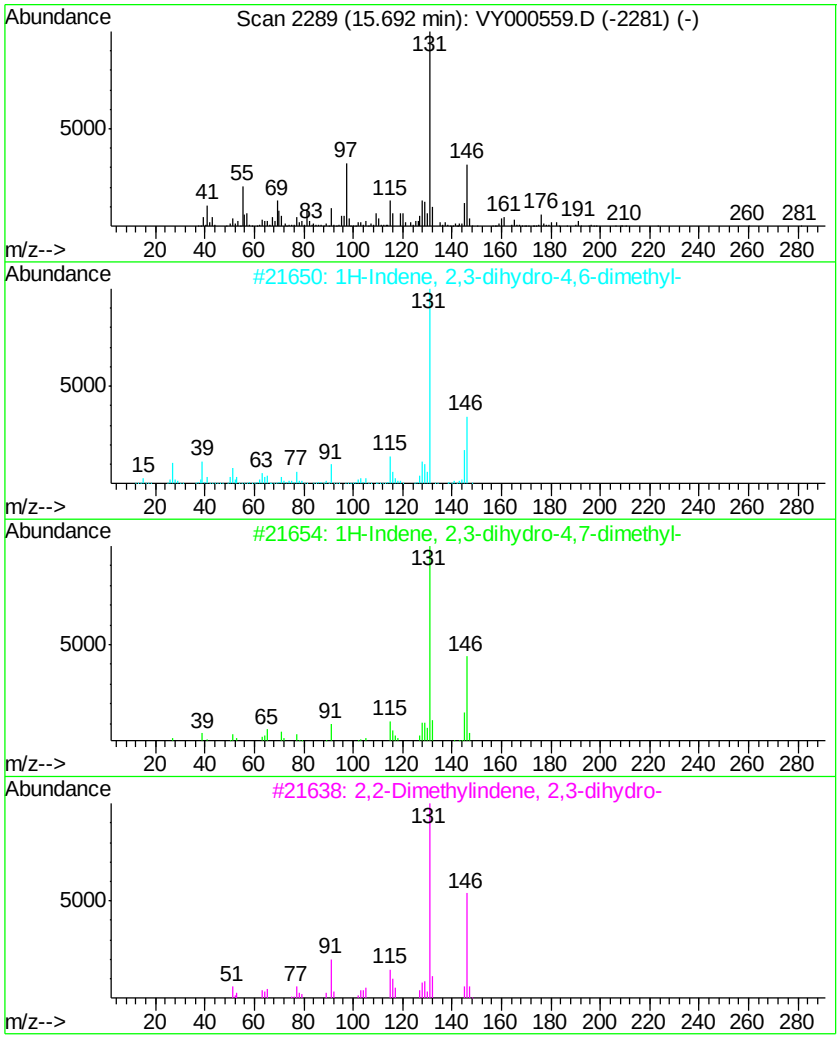
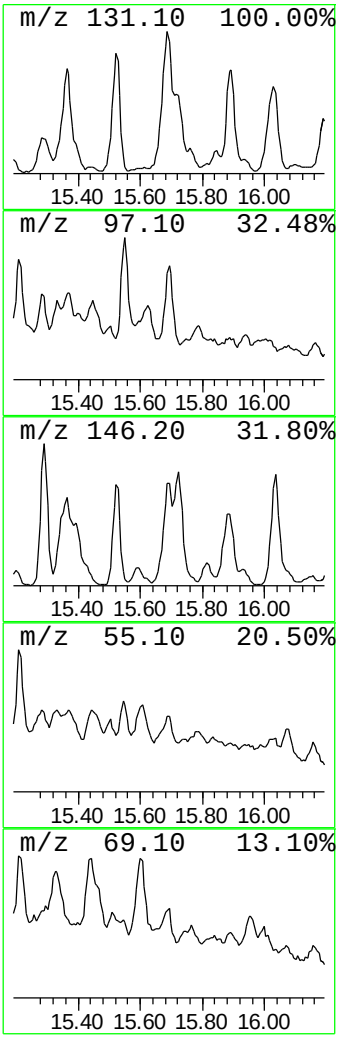
Peak Number 13 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	155.03 ug/l	2513760	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	92
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	64
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	62





Library Search Compound Report

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Data File : VY000559.D
Acq On : 06 Nov 2019 18:07
Operator : SY/MD
Sample : K5725-04
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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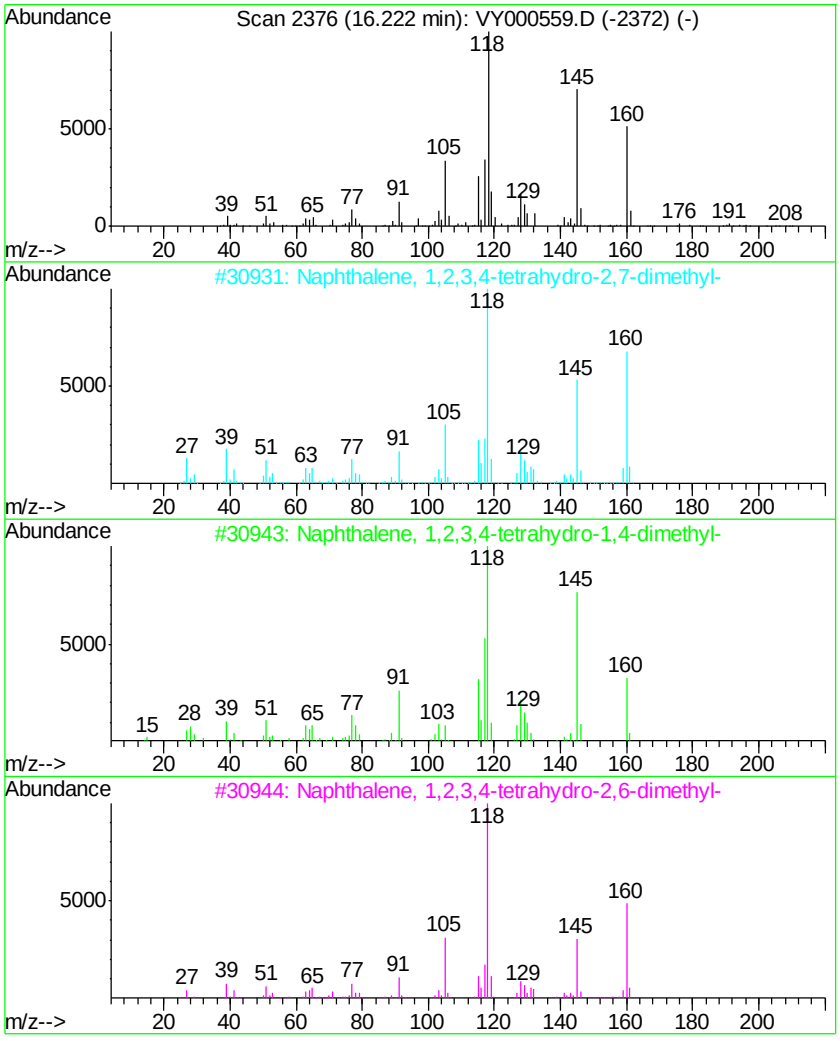
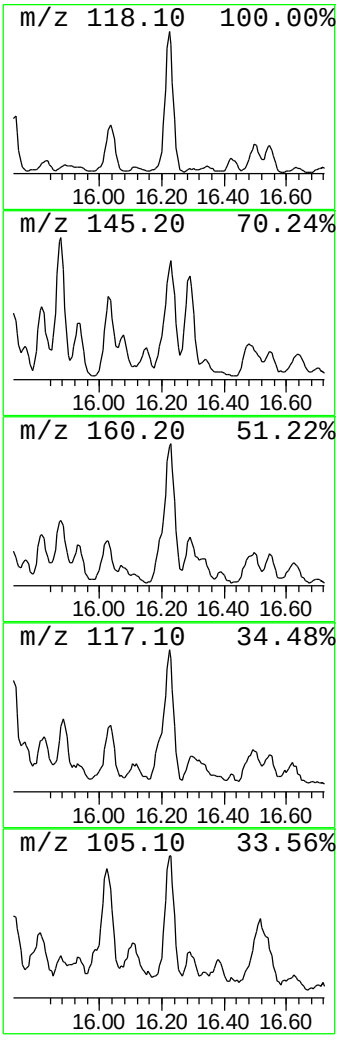
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	122.10 ug/l	1979710	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	72
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	58





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy110619\
Data File : VY000559.D
Acq On : 06 Nov 2019 18:07
Operator : SY/MD
Sample : K5725-04
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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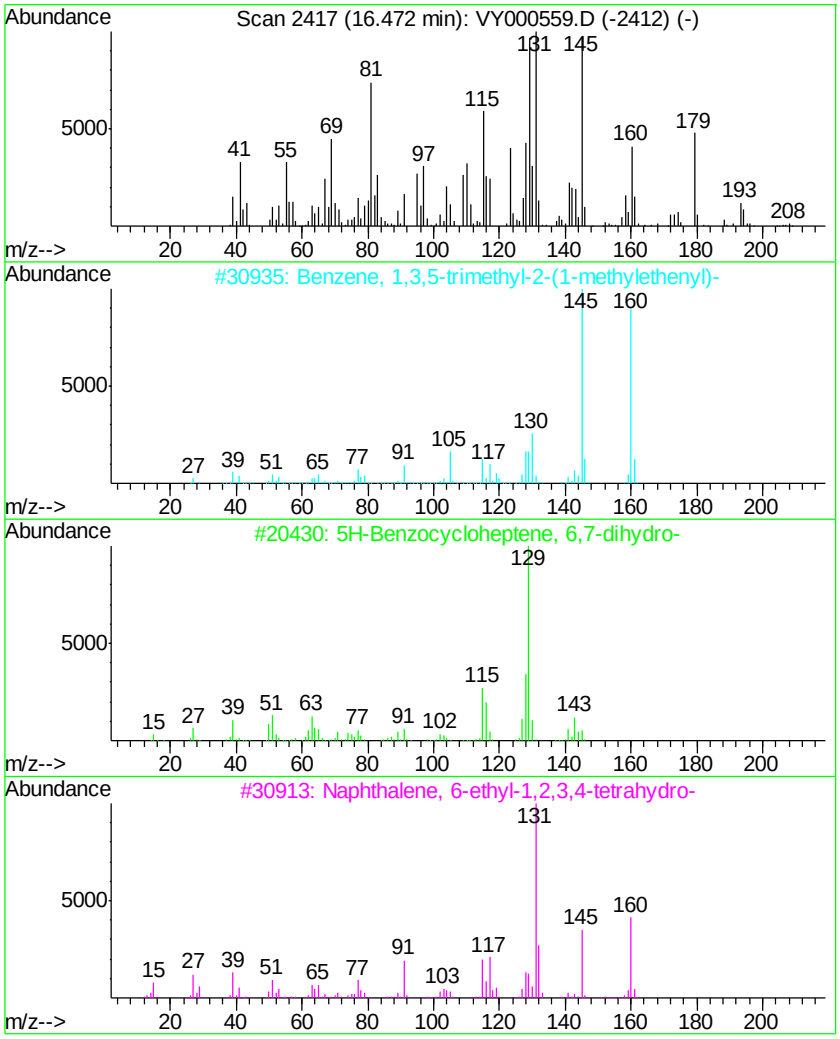
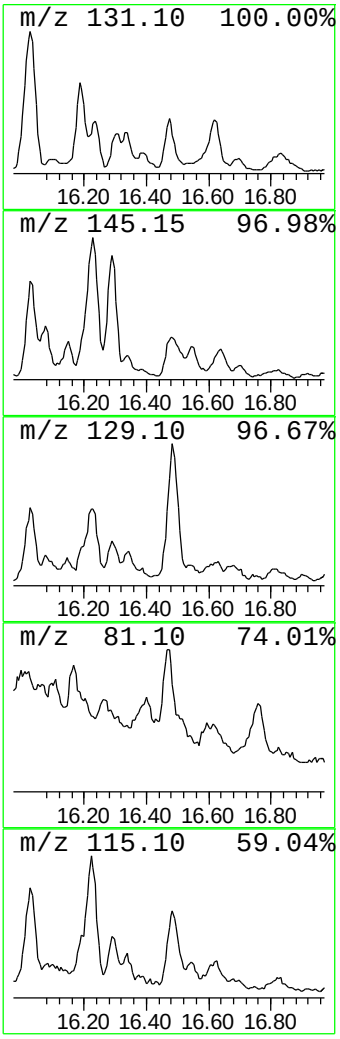
Peak Number 15 unknown16.47 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	107.10 ug/l	1736470	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	18
2	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	15
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	14
4	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	14
5	(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy110619\
Data File : VY000559.D
Acq On : 06 Nov 2019 18:07
Operator : SY/MD
Sample : K5725-04
Misc : 3.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SO-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, butyl-	13.32	127.5	ug/l	2067380	4	13.42	810714	50.0
Naphthalene, deca...	13.75	199.0	ug/l	3225920	4	13.42	810714	50.0
Cyclodecanone	13.85	105.3	ug/l	1706560	4	13.42	810714	50.0
Benzene, 2-ethyl-...	13.97	105.1	ug/l	1704110	4	13.42	810714	50.0
Naphthalene, deca...	14.26	301.8	ug/l	4893350	4	13.42	810714	50.0
1-Methyldecahydro...	14.42	115.9	ug/l	1878720	4	13.42	810714	50.0
1-Phenyl-1-butene	14.68	202.3	ug/l	3281010	4	13.42	810714	50.0
Benzene, (1,1-dim...	14.73	153.6	ug/l	2490420	4	13.42	810714	50.0
unknown14.94	14.94	155.3	ug/l	2518250	4	13.42	810714	50.0
1H-Indene, 2,3-di...	15.05	117.6	ug/l	1906480	4	13.42	810714	50.0
Octane, 2,6-dimet...	15.21	279.1	ug/l	4524520	4	13.42	810714	50.0
unknown15.60	15.60	123.3	ug/l	1999470	4	13.42	810714	50.0
1H-Indene, 2,3-di...	15.69	155.0	ug/l	2513760	4	13.42	810714	50.0
Naphthalene, 1,2,...	16.22	122.1	ug/l	1979710	4	13.42	810714	50.0
unknown16.47	16.47	107.1	ug/l	1736470	4	13.42	810714	50.0