

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016213.D
 Acq On : 03 Nov 2023 14:23
 Operator : SY/MD
 Sample : 05228-01
 Misc : 2.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26882

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\82Y103123S.M
 Title : SW846 8260

Signal : TIC: VY016213.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.229	62	67	71	rBV	6487	9750	1.51%	0.146%
2	3.960	342	351	361	rBV	3833	10568	1.63%	0.159%
3	4.722	466	476	490	rBV2	19506	63133	9.75%	0.947%
4	5.759	636	646	657	rBV3	8001	23325	3.60%	0.350%
5	7.728	959	969	975	rBV2	76990	189134	29.22%	2.837%
6	7.801	975	981	992	rVB	142996	323610	50.00%	4.855%
7	8.155	1025	1039	1048	rBV2	85926	218574	33.77%	3.279%
8	8.331	1062	1068	1076	rVB	3353	8484	1.31%	0.127%
9	8.697	1118	1128	1138	rBV	227860	448705	69.33%	6.731%
10	9.191	1195	1209	1216	rBV3	15681	34992	5.41%	0.525%
11	9.831	1308	1314	1318	rBV4	4434	7967	1.23%	0.120%
12	9.965	1326	1336	1346	rVB6	2300	6643	1.03%	0.100%
13	10.191	1365	1373	1382	rBV	367371	647191	100.00%	9.709%
14	10.374	1396	1403	1411	rVB3	10165	23955	3.70%	0.359%
15	10.532	1421	1429	1433	rBV2	7432	13870	2.14%	0.208%
16	10.587	1433	1438	1442	rVV	28397	53591	8.28%	0.804%
17	10.624	1442	1444	1451	rVB3	13428	21599	3.34%	0.324%
18	10.983	1497	1503	1504	rBV4	4507	7404	1.14%	0.111%
19	11.014	1504	1508	1510	rVV3	7114	12992	2.01%	0.195%
20	11.044	1510	1513	1518	rVV	17964	28580	4.42%	0.429%
21	11.099	1518	1522	1528	rVB2	7685	13307	2.06%	0.200%
22	11.215	1535	1541	1546	rBV4	4065	7116	1.10%	0.107%
23	11.325	1546	1559	1565	rVB5	23008	65511	10.12%	0.983%
24	11.392	1565	1570	1573	rBV	5572	9345	1.44%	0.140%
25	11.502	1580	1588	1593	rBV	315011	538699	83.24%	8.082%
26	11.550	1593	1596	1602	rVV	69770	103335	15.97%	1.550%
27	11.636	1602	1610	1613	rVV3	12070	25894	4.00%	0.388%
28	11.684	1613	1618	1620	rVV3	11838	21400	3.31%	0.321%
29	11.745	1620	1628	1632	rVV4	24601	71461	11.04%	1.072%
30	11.788	1632	1635	1640	rVB2	14245	21372	3.30%	0.321%
31	12.008	1664	1671	1683	rBV4	27815	83028	12.83%	1.246%
32	12.172	1694	1698	1701	rBV2	17695	28983	4.48%	0.435%
33	12.258	1707	1712	1716	rVB3	18989	31981	4.94%	0.480%
34	12.337	1723	1725	1730	rVB6	4932	6675	1.03%	0.100%
35	12.489	1745	1750	1757	rBV2	257432	424585	65.60%	6.370%
36	12.666	1774	1779	1784	rVB6	10649	22072	3.41%	0.331%

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37	12.739	1784	1791	1794	rBV5	18117	38371	5.93%	0.576%
38	12.812	1797	1803	1809	rVV4	47315	101335	15.66%	1.520%
39	12.867	1809	1812	1817	rVB3	17999	27572	4.26%	0.414%
40	12.959	1823	1827	1831	rVB4	9919	15239	2.35%	0.229%
41	13.013	1831	1836	1839	rBV2	10809	22763	3.52%	0.341%
42	13.050	1839	1842	1850	rVB6	20363	40427	6.25%	0.606%
43	13.135	1851	1856	1860	rBV6	10674	20739	3.20%	0.311%
44	13.196	1860	1866	1871	rVB9	15856	35671	5.51%	0.535%
45	13.257	1872	1876	1879	rBV3	10101	16660	2.57%	0.250%
46	13.312	1879	1885	1891	rBV5	26537	71951	11.12%	1.079%
47	13.434	1899	1905	1912	rVB	187634	307652	47.54%	4.615%
48	13.507	1913	1917	1920	rBV4	11117	18704	2.89%	0.281%
49	13.556	1920	1925	1931	rVB6	17484	41342	6.39%	0.620%
50	13.623	1932	1936	1939	rBV5	12001	19802	3.06%	0.297%
51	13.757	1952	1958	1963	rBV2	109074	190562	29.44%	2.859%
52	13.855	1970	1974	1979	rBV6	18642	38797	5.99%	0.582%
53	14.080	2006	2011	2016	rBV5	30441	64859	10.02%	0.973%
54	14.141	2017	2021	2027	rVV7	39135	90808	14.03%	1.362%
55	14.202	2027	2031	2036	rVV5	39987	78314	12.10%	1.175%
56	14.263	2036	2041	2056	rVV3	134157	317297	49.03%	4.760%
57	14.397	2057	2063	2064	rVV4	37337	64472	9.96%	0.967%
58	14.428	2064	2068	2072	rVV2	93036	157217	24.29%	2.359%
59	14.483	2072	2077	2084	rVB6	60142	123072	19.02%	1.846%
60	14.623	2096	2100	2105	rVB5	34998	49826	7.70%	0.747%
61	14.690	2106	2111	2115	rVV5	51968	100978	15.60%	1.515%
62	14.739	2115	2119	2125	rVB3	116747	195145	30.15%	2.928%
63	14.855	2133	2138	2140	rBV3	88244	139268	21.52%	2.089%
64	14.946	2148	2153	2158	rVB4	79416	147648	22.81%	2.215%
65	15.007	2159	2163	2165	rBV4	30716	49289	7.62%	0.739%
66	15.037	2165	2168	2174	rVB4	33249	73732	11.39%	1.106%
67	15.141	2181	2185	2192	rVB6	39060	95801	14.80%	1.437%
68	15.208	2193	2196	2201	rVB6	32313	60186	9.30%	0.903%
69	15.269	2202	2206	2209	rBV3	71545	138163	21.35%	2.073%
70	15.452	2232	2236	2240	rBV3	47601	83333	12.88%	1.250%

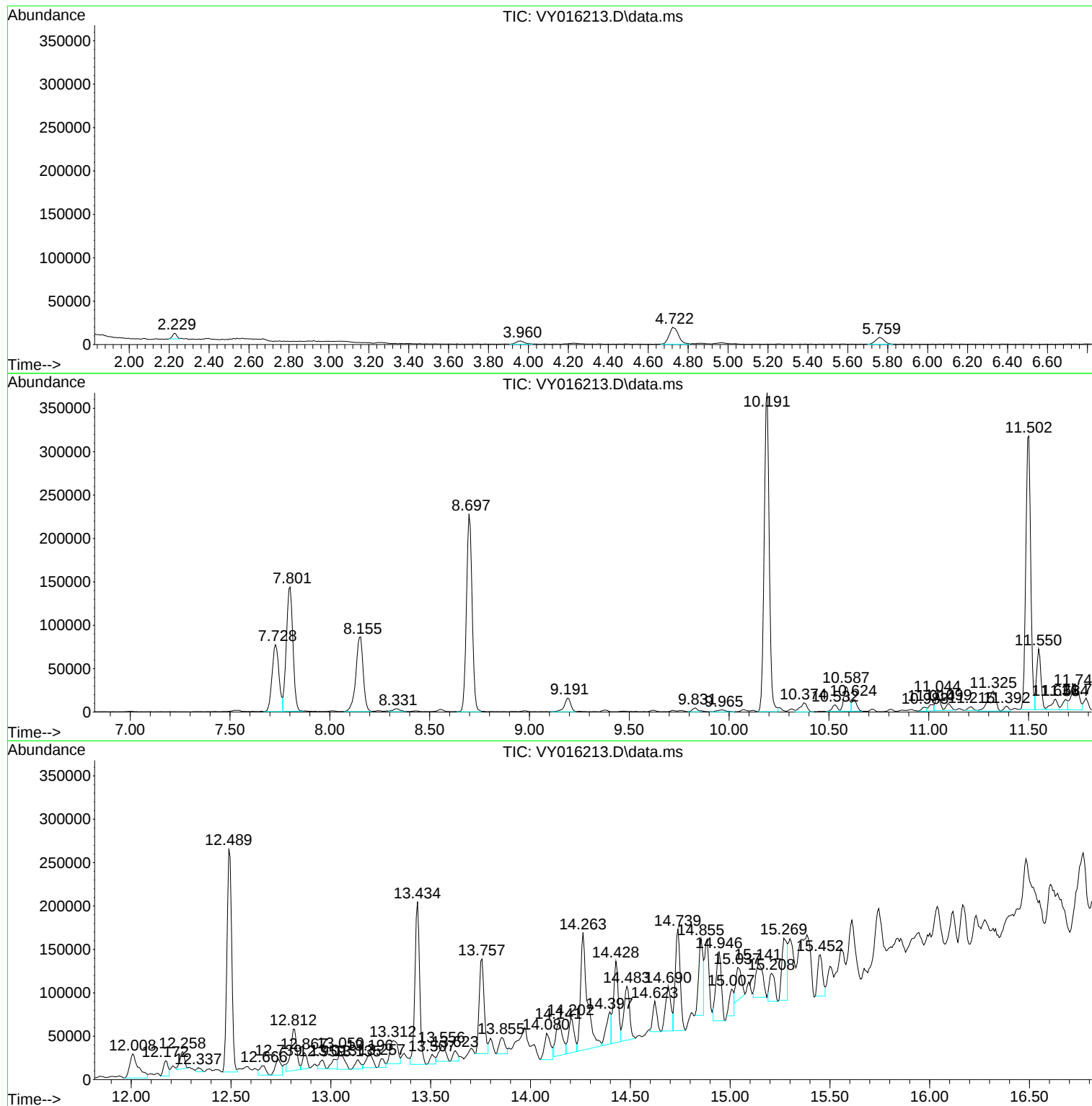
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Instrument :
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ClientSampleId :
CHRT-26882

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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



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Instrument :
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ClientSampleId :
CHRT-26882

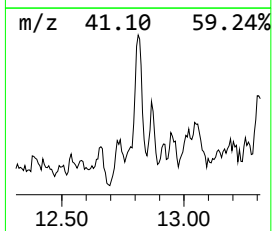
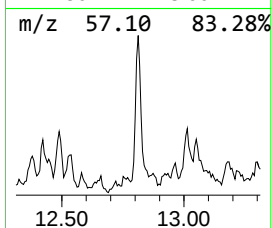
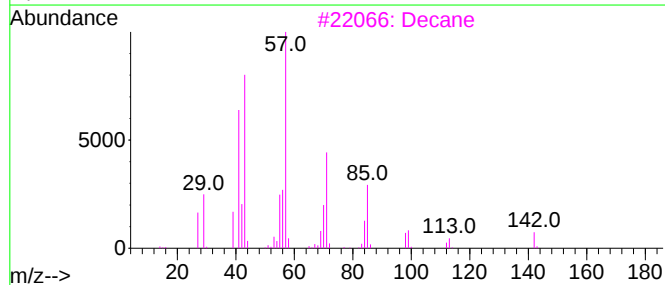
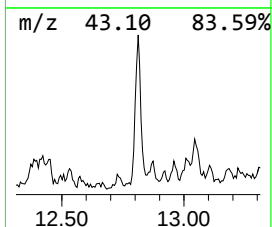
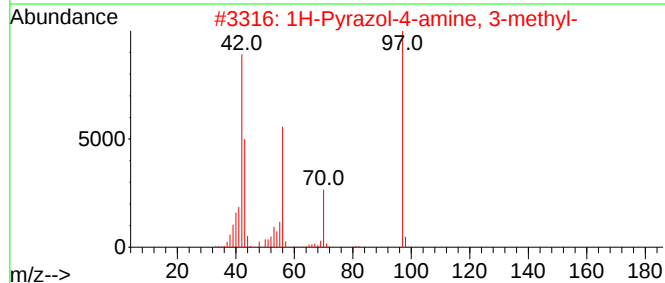
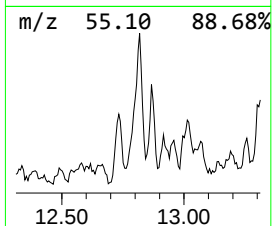
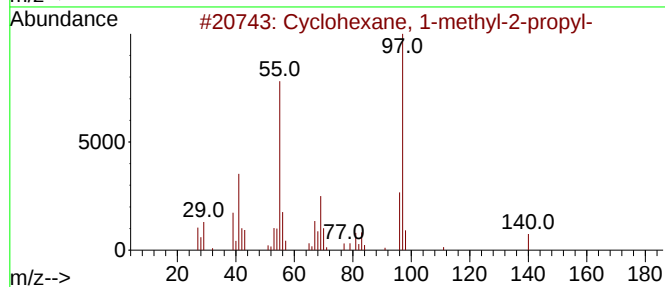
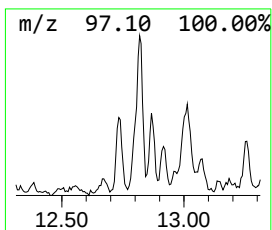
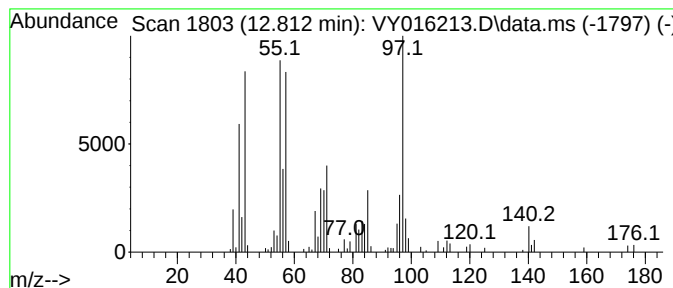
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown12.812 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	16.47 ug/l	101335	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	49
2			1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1010338-28-2	46
3			Decane	142	C10H22	000124-18-5	42
4			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	38
5			cis-4-Decene	140	C10H20	019398-88-0	35



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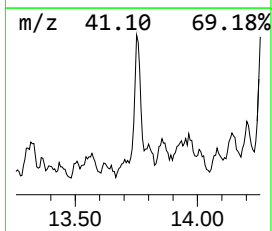
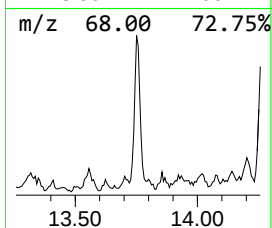
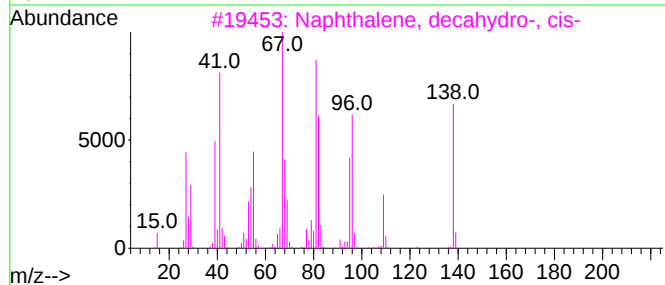
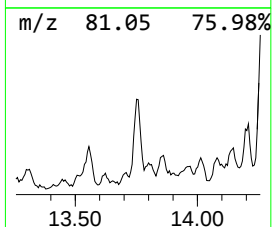
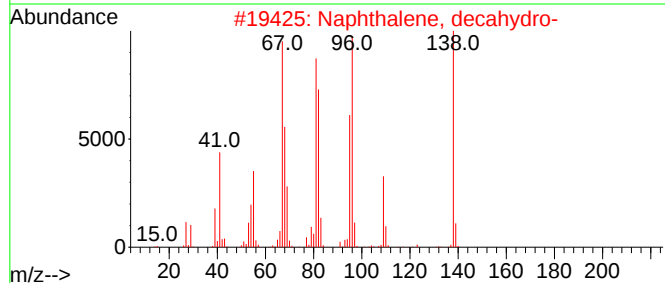
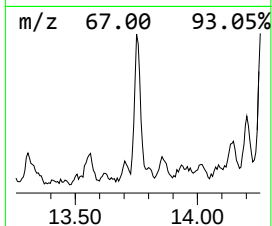
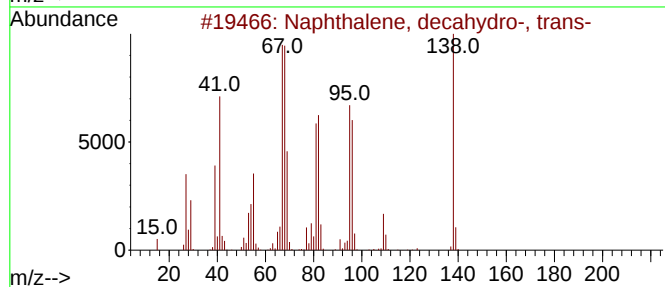
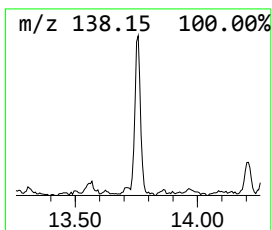
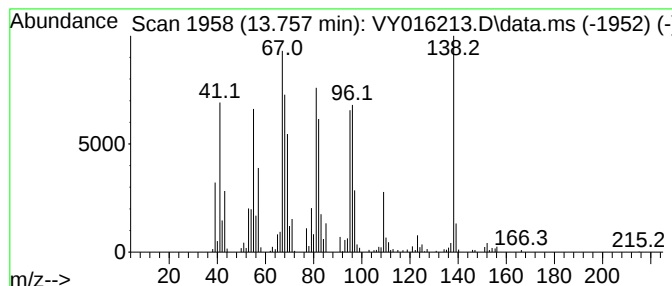
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	30.97 ug/l	190562	1,4-Dichlorobenzene-d4	13.434

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	95
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
4			Spiro[4.5]decane	138	C10H18	000176-63-6	87
5			Cyclodecene	138	C10H18	003618-12-0	87



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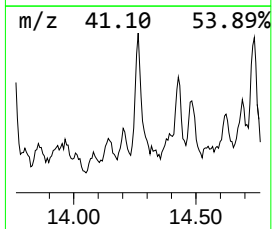
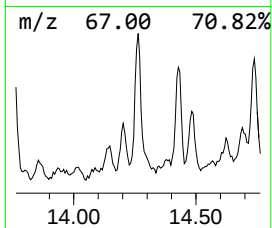
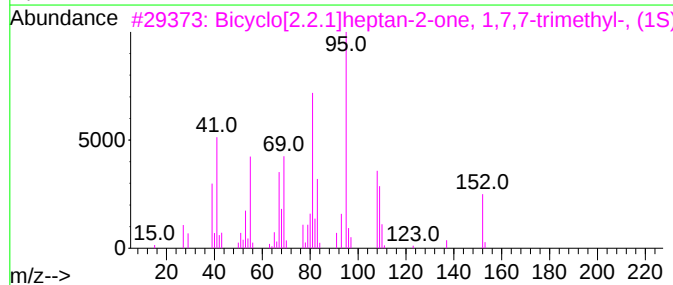
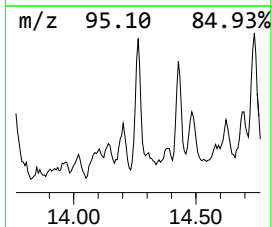
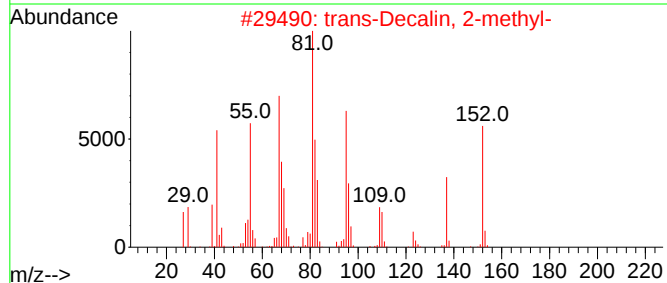
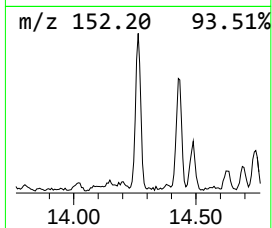
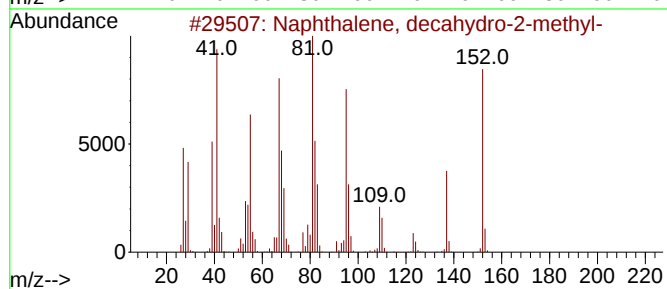
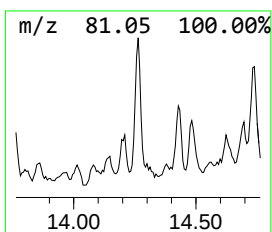
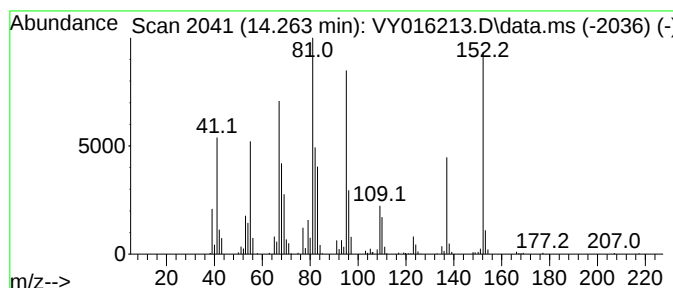
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Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	51.57 ug/l	317297	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	68
4			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	64
5			Camphor	152	C10H16O	000076-22-2	62



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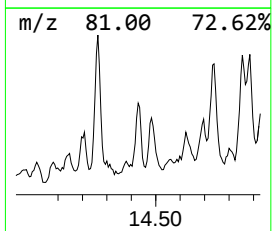
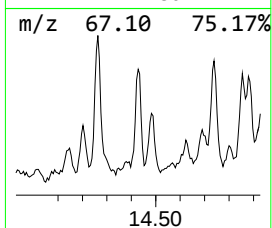
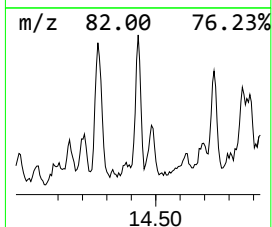
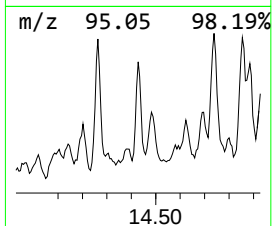
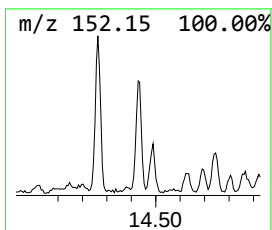
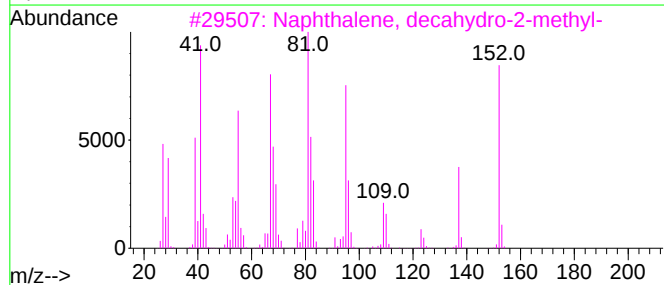
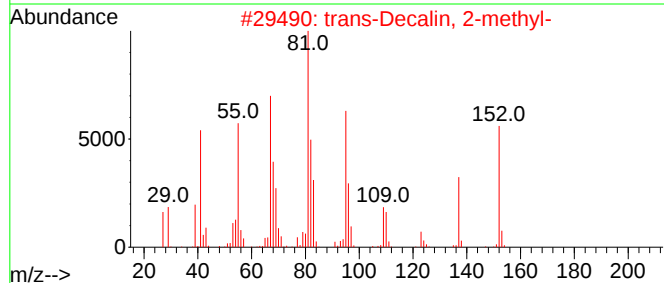
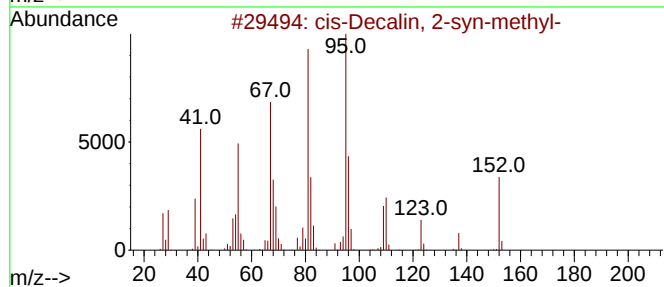
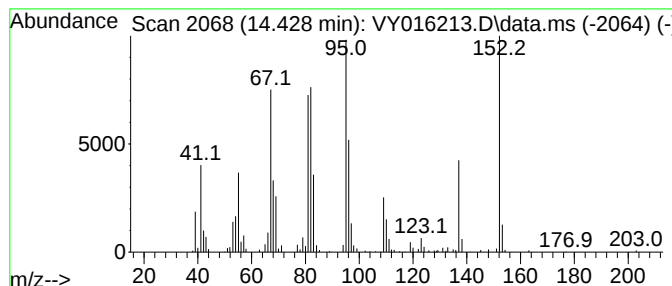
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Peak Number 4 cis-Decalin, 2-syn-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.428	25.55 ug/l	157217	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	72
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
4			Pulegone	152	C10H16O	000089-82-7	49
5			Cyclododecene, (E)-	166	C12H22	001486-75-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
Data File : VY016213.D
Acq On : 03 Nov 2023 14:23
Operator : SY/MD
Sample : 05228-01
Misc : 2.64g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26882

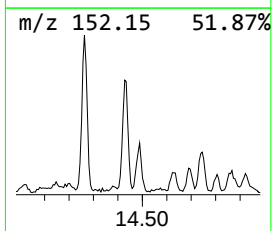
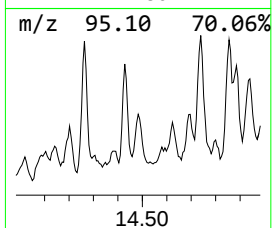
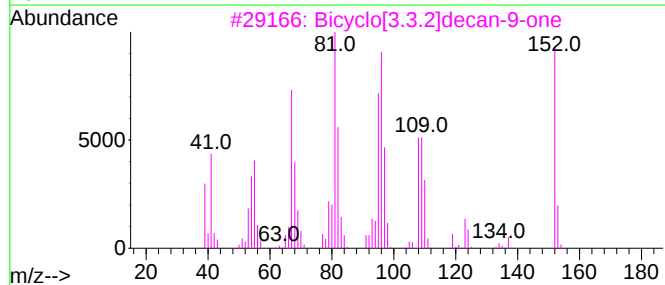
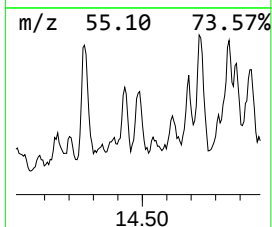
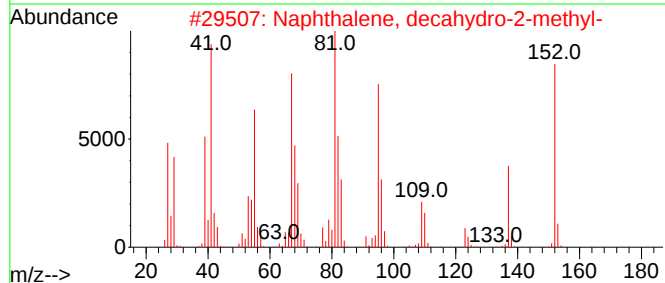
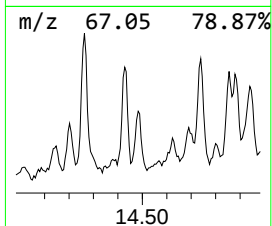
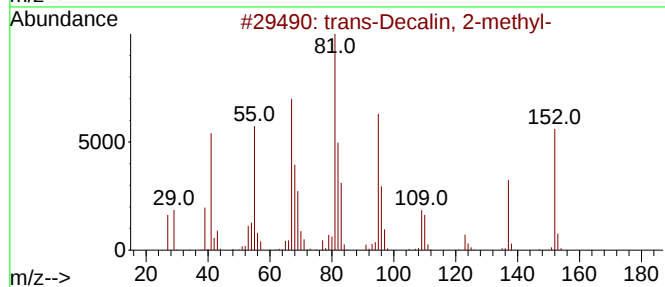
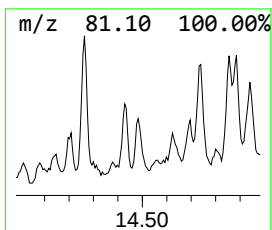
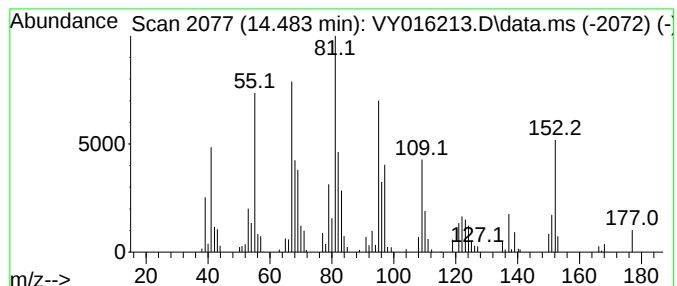
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Quant Title : SW846 8260

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

Peak Number 5 trans-Decalin, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.483	20.00 ug/l	123072	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	87
4			(+)-Dihydrocarvone	152	C10H16O	005524-05-0	83
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
Data File : VY016213.D
Acq On : 03 Nov 2023 14:23
Operator : SY/MD
Sample : 05228-01
Misc : 2.64g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26882

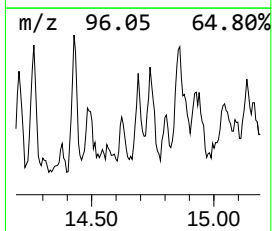
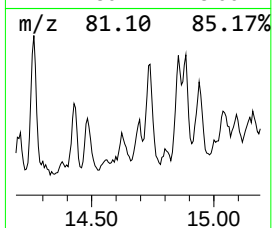
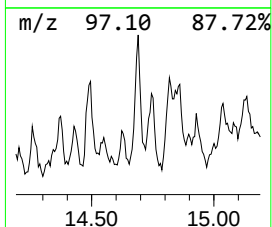
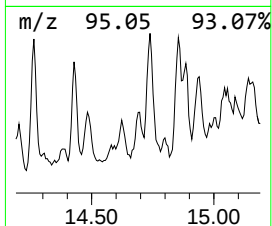
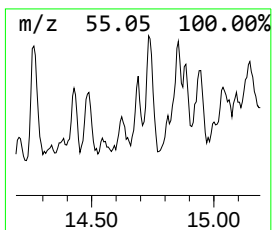
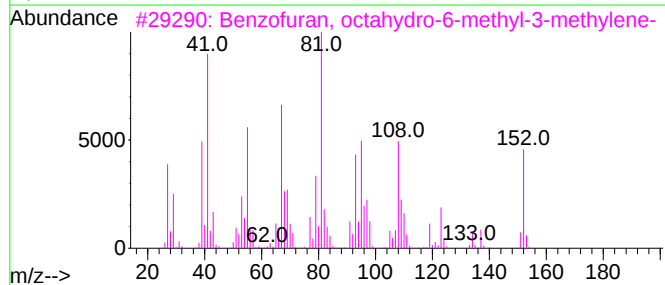
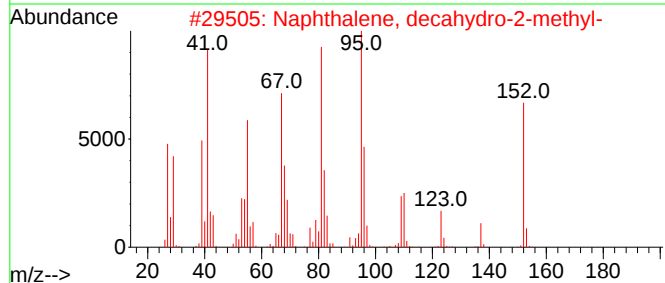
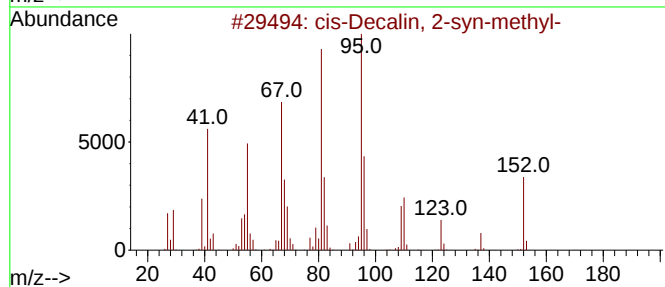
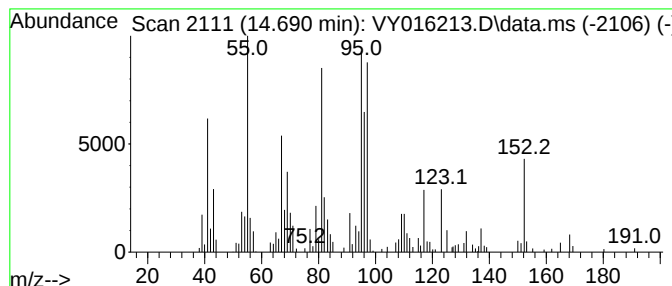
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.690 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	16.41 ug/l	100978	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	91
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
3			Benzofuran, octahydro-6-methyl-3...	152	C10H16O	077954-13-3	46
4			1H-Inden-1-one, octahydro-7a-met...	152	C10H16O	017428-83-0	46
5			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
Data File : VY016213.D
Acq On : 03 Nov 2023 14:23
Operator : SY/MD
Sample : 05228-01
Misc : 2.64g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26882

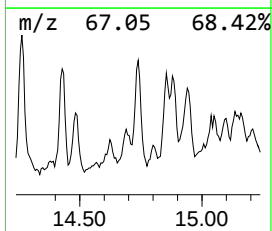
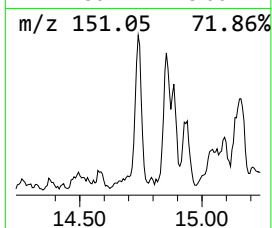
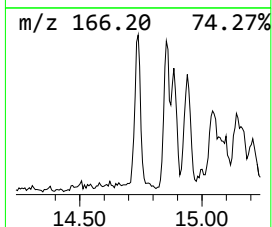
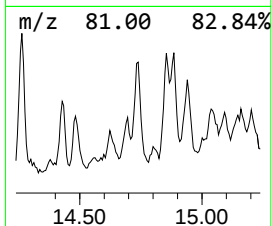
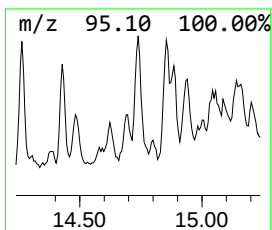
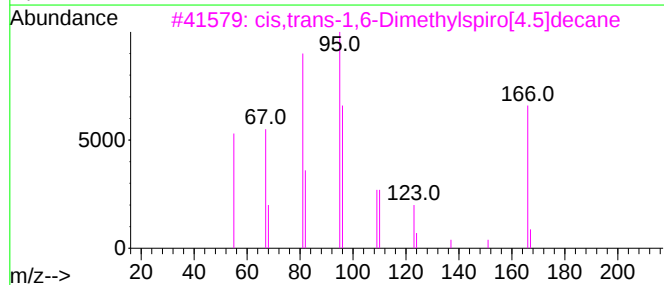
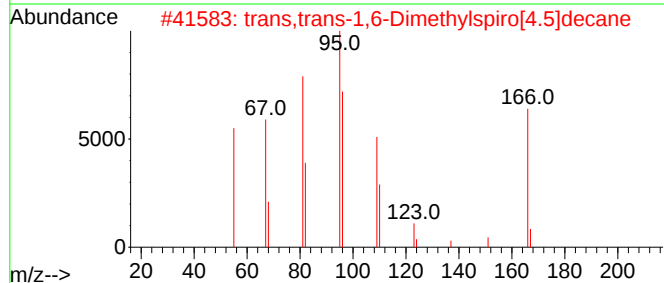
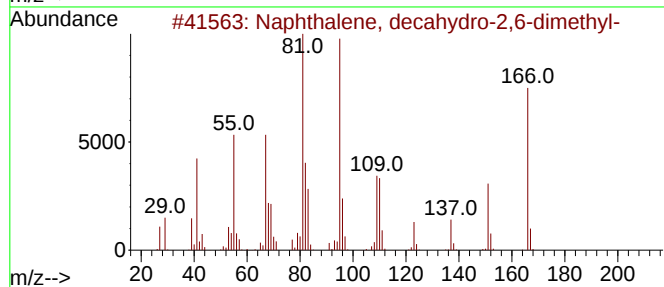
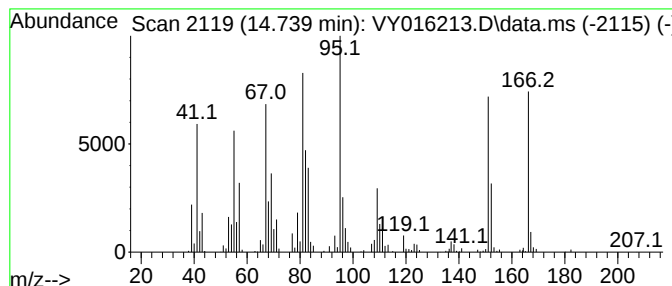
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro-2,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	31.72 ug/l	195145	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	87
2			trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	86
3			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	76
4			Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	74
5			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
Data File : VY016213.D
Acq On : 03 Nov 2023 14:23
Operator : SY/MD
Sample : 05228-01
Misc : 2.64g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26882

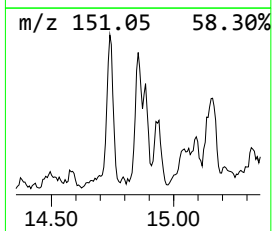
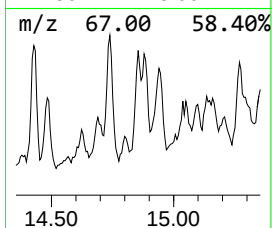
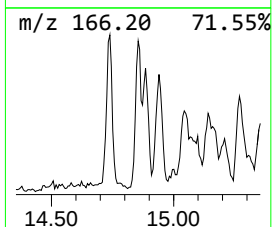
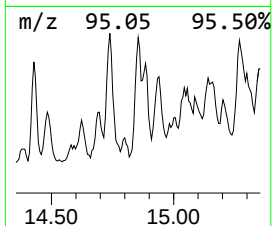
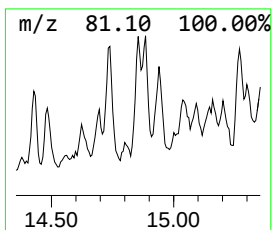
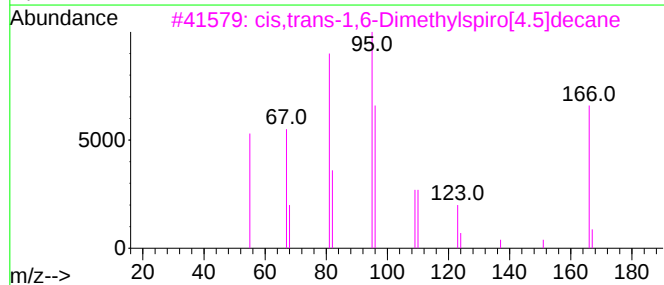
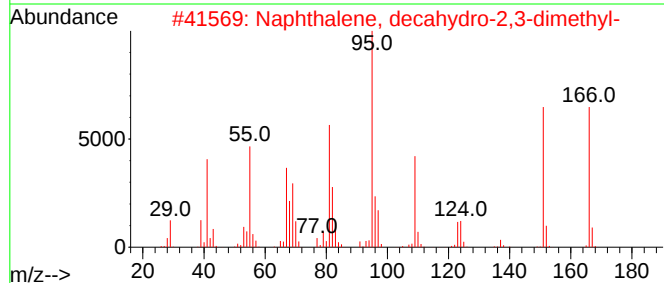
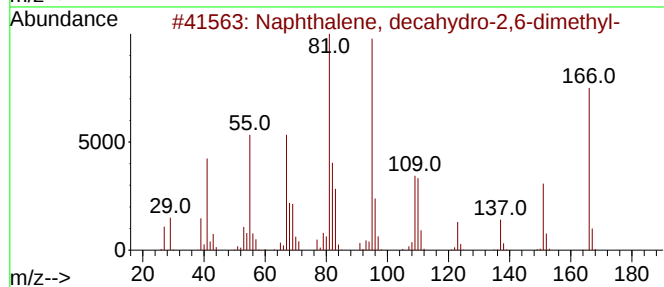
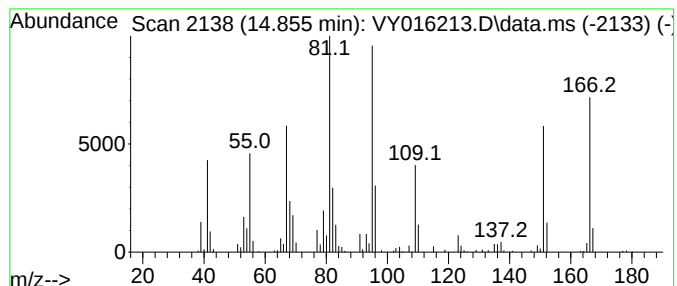
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro-2,3-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	22.63 ug/l	139268	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	87
2			Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	86
3			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	58
4			trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	53
5			Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
Data File : VY016213.D
Acq On : 03 Nov 2023 14:23
Operator : SY/MD
Sample : 05228-01
Misc : 2.64g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26882

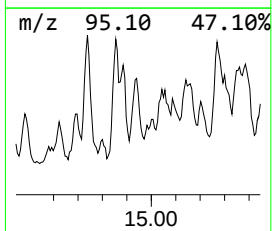
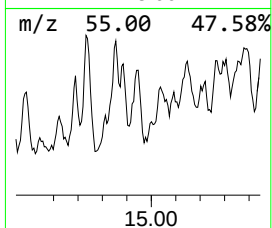
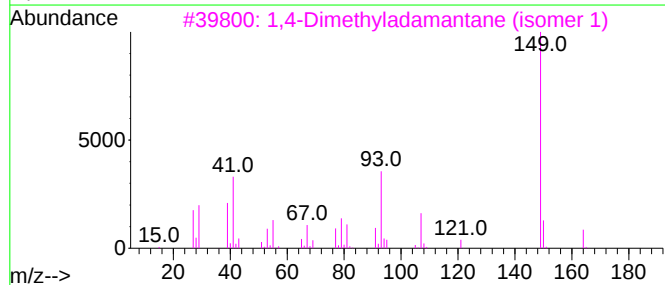
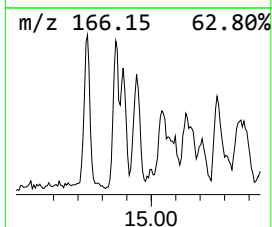
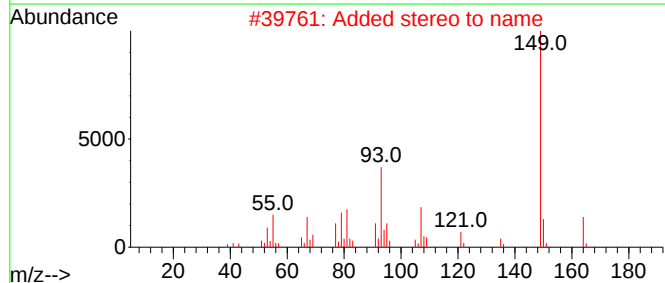
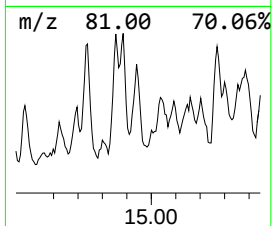
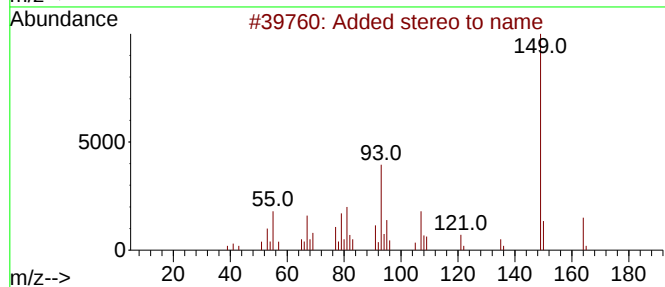
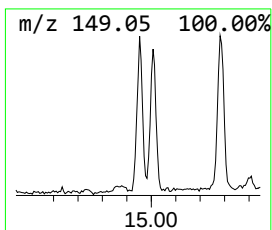
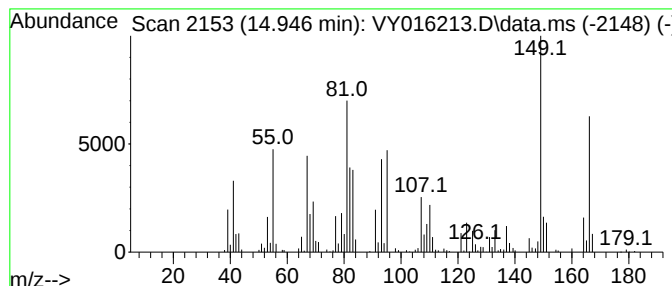
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Quant Title : SW846 8260

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

Peak Number 9 unknown14.946 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	24.00 ug/l	147648	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Added stereo to name			164	C12H20	024145-88-8	46
2	Added stereo to name			164	C12H20	024145-89-9	41
3	1,4-Dimethyladamantane (isomer 1)			164	C12H20	1000460-67-0	38
4	Adamantane, 1,3-dimethyl-			164	C12H20	000702-79-4	38
5	Naphthalene, decahydro-2,6-dimet...			166	C12H22	001618-22-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
Data File : VY016213.D
Acq On : 03 Nov 2023 14:23
Operator : SY/MD
Sample : 05228-01
Misc : 2.64g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26882

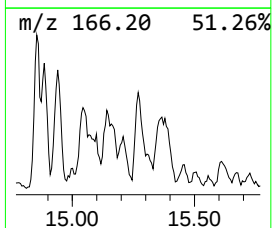
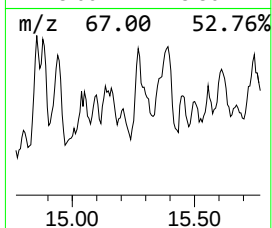
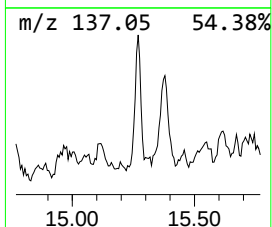
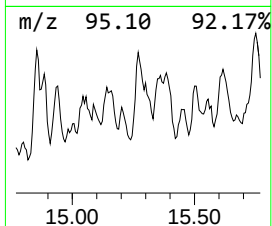
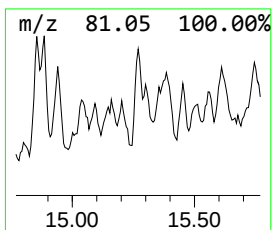
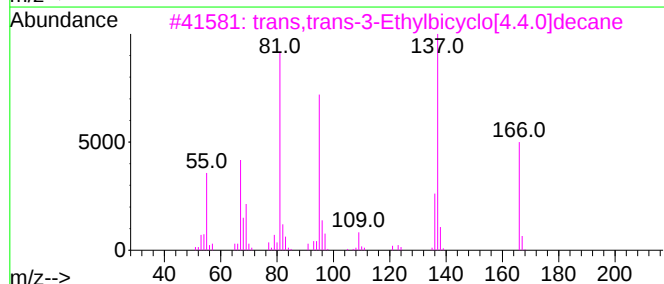
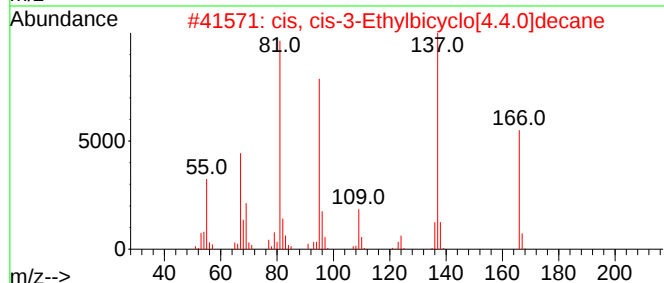
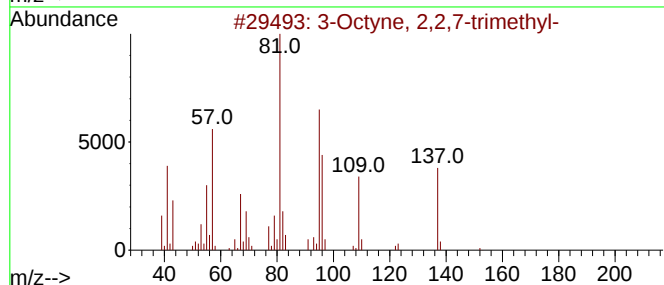
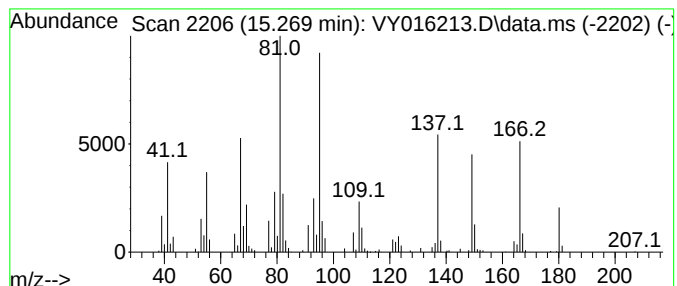
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 10 3-Octyne, 2,2,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.269	22.45 ug/l	138163	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	60
2			cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	58
3			trans,trans-3-Ethylbicyclo[4.4.0]...	166	C12H22	058462-32-1	58
4			cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	52
5			cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
Data File : VY016213.D
Acq On : 03 Nov 2023 14:23
Operator : SY/MD
Sample : 05228-01
Misc : 2.64g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26882

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.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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Naphthalene, de...	13.757	31.0	ug/l	190562	4	13.434	307652	50.0
Naphthalene, de...	14.263	51.6	ug/l	317297	4	13.434	307652	50.0
cis-Decalin, 2-...	14.428	25.6	ug/l	157217	4	13.434	307652	50.0
trans-Decalin, ...	14.483	20.0	ug/l	123072	4	13.434	307652	50.0
unknown14.690	14.690	16.4	ug/l	100978	4	13.434	307652	50.0
Naphthalene, de...	14.739	31.7	ug/l	195145	4	13.434	307652	50.0
Naphthalene, de...	14.855	22.6	ug/l	139268	4	13.434	307652	50.0
unknown14.946	14.946	24.0	ug/l	147648	4	13.434	307652	50.0
3-Octyne, 2,2,7...	15.269	22.4	ug/l	138163	4	13.434	307652	50.0