

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014726.D
 Acq On : 20 Jul 2023 17:15
 Operator : SY/MD
 Sample : 03674-03
 Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WO-9

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\82Y071323S.M
 Title : SW846 8260

Signal : TIC: VY014726.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.217	59	65	74	rVB3	6602	14044	1.31%	0.185%
2	4.710	463	474	488	rBV	12926	43206	4.03%	0.568%
3	7.716	957	967	972	rBV2	149804	353509	32.93%	4.651%
4	7.783	972	978	987	rVV	271419	630537	58.74%	8.296%
5	7.868	987	992	1004	rVB	12862	31972	2.98%	0.421%
6	8.136	1027	1036	1048	rVB	141028	309761	28.86%	4.076%
7	8.319	1058	1066	1076	rVB	31737	78528	7.32%	1.033%
8	8.685	1117	1126	1139	rBV	412236	811971	75.65%	10.683%
9	9.185	1202	1208	1213	rBV4	8163	15056	1.40%	0.198%
10	9.240	1213	1217	1223	rVB3	7725	13650	1.27%	0.180%
11	9.612	1270	1278	1288	rVB	44693	85788	7.99%	1.129%
12	9.746	1288	1300	1307	rBV2	55075	120925	11.27%	1.591%
13	9.953	1324	1334	1345	rBV8	5399	17182	1.60%	0.226%
14	10.111	1354	1360	1364	rBV	13745	22124	2.06%	0.291%
15	10.179	1364	1371	1381	rVB	623456	1073365	100.00%	14.123%
16	10.715	1453	1459	1466	rVB	42542	72697	6.77%	0.956%
17	11.282	1543	1552	1557	rBV5	7725	18004	1.68%	0.237%
18	11.380	1562	1568	1576	rBV2	6578	13118	1.22%	0.173%
19	11.489	1578	1586	1594	rBV	559516	920024	85.71%	12.105%
20	11.745	1623	1628	1632	rVB3	8559	14954	1.39%	0.197%
21	12.477	1739	1748	1758	rVB2	427537	750615	69.93%	9.876%
22	12.623	1767	1772	1777	rBV3	11794	25321	2.36%	0.333%
23	12.666	1777	1779	1783	rVB	10425	12957	1.21%	0.170%
24	12.818	1798	1804	1805	rBV5	9500	18218	1.70%	0.240%
25	12.971	1822	1829	1832	rBV6	6299	14423	1.34%	0.190%
26	13.062	1842	1844	1849	rVB2	9616	13140	1.22%	0.173%
27	13.172	1857	1862	1867	rVB	7169	11162	1.04%	0.147%
28	13.282	1867	1880	1884	rBV2	24254	51048	4.76%	0.672%
29	13.422	1895	1903	1909	rBV	452124	704659	65.65%	9.271%
30	13.477	1909	1912	1919	rVB2	22051	44967	4.19%	0.592%
31	13.593	1926	1931	1933	rBV3	8928	13972	1.30%	0.184%
32	13.629	1933	1937	1942	rVV3	21395	38826	3.62%	0.511%
33	13.751	1952	1957	1960	rBV6	7748	14370	1.34%	0.189%
34	13.824	1965	1969	1974	rVB2	13460	22207	2.07%	0.292%
35	13.964	1986	1992	1998	rBV2	51274	87782	8.18%	1.155%
36	14.025	1998	2002	2006	rVB3	8299	15692	1.46%	0.206%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014726.D
 Acq On : 20 Jul 2023 17:15
 Operator : SY/MD
 Sample : 03674-03
 Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WO-9

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\82Y071323S.M
 Title : SW846 8260

37	14.080	2006	2011	2016	rVB2	31925	49962	4.65%	0.657%
38	14.294	2041	2046	2055	rVB	32209	58105	5.41%	0.765%
39	14.379	2055	2060	2064	rBV4	29049	51497	4.80%	0.678%
40	14.519	2079	2083	2086	rBV3	11682	15086	1.41%	0.198%
41	14.562	2086	2090	2096	rVV	38119	65532	6.11%	0.862%
42	14.611	2096	2098	2103	rVB2	12686	13873	1.29%	0.183%
43	14.684	2103	2110	2115	rBV4	65922	137395	12.80%	1.808%
44	14.733	2115	2118	2125	rVB3	18642	33132	3.09%	0.436%
45	14.830	2125	2134	2139	rBV5	9825	22288	2.08%	0.293%
46	14.903	2142	2146	2147	rBV3	10362	12435	1.16%	0.164%
47	14.940	2147	2152	2156	rVV3	34803	68694	6.40%	0.904%
48	14.976	2156	2158	2163	rVV2	16817	26831	2.50%	0.353%
49	15.056	2164	2171	2180	rVB3	34468	80903	7.54%	1.064%
50	15.233	2192	2200	2206	rVB	49432	101676	9.47%	1.338%
51	15.342	2213	2218	2222	rBV5	19994	35302	3.29%	0.464%
52	15.391	2222	2226	2231	rVB4	11031	17368	1.62%	0.229%
53	15.525	2241	2248	2254	rBV	27400	57349	5.34%	0.755%
54	15.684	2265	2274	2279	rBV5	33988	82835	7.72%	1.090%
55	15.891	2301	2308	2314	rVV6	16635	35026	3.26%	0.461%
56	16.031	2325	2331	2336	rBV8	6333	12440	1.16%	0.164%
57	16.287	2367	2373	2383	rVB	39299	82082	7.65%	1.080%
58	16.488	2399	2406	2413	rBV2	19111	40731	3.79%	0.536%

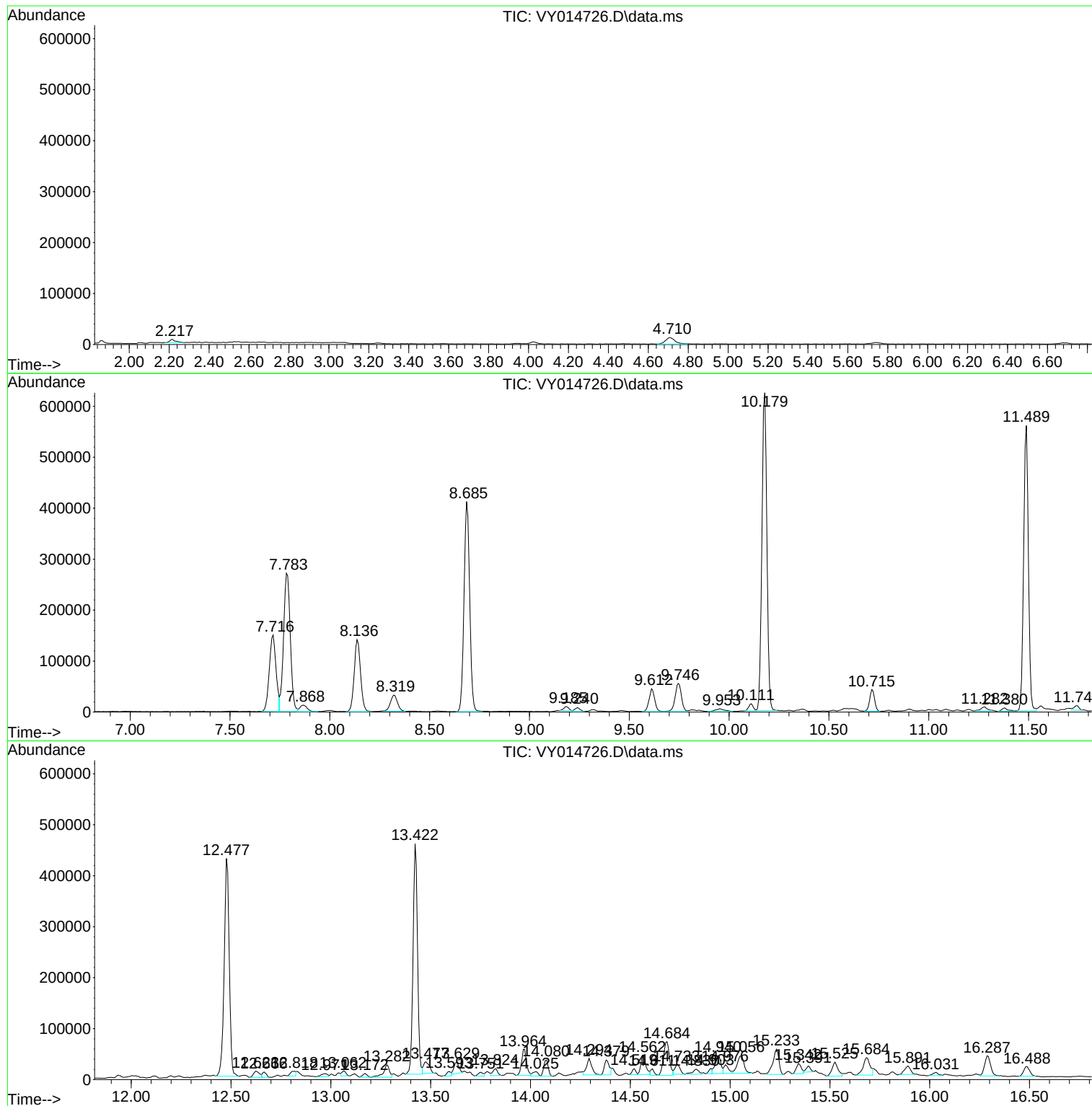
Sum of corrected areas: 7600316

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014726.D
Acq On : 20 Jul 2023 17:15
Operator : SY/MD
Sample : 03674-03
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WO-9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014726.D
Acq On : 20 Jul 2023 17:15
Operator : SY/MD
Sample : 03674-03
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WO-9

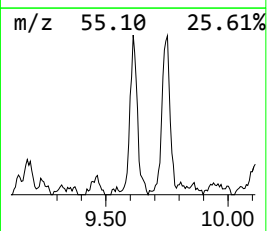
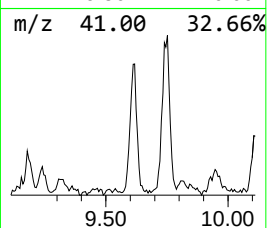
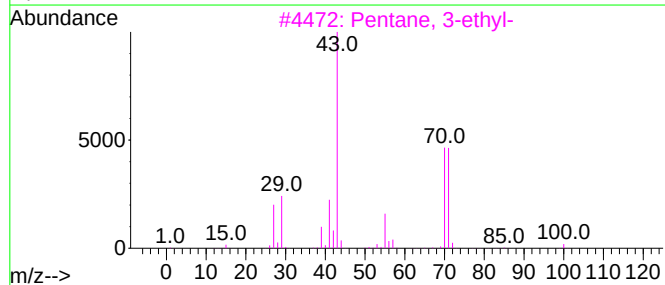
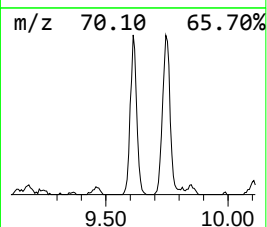
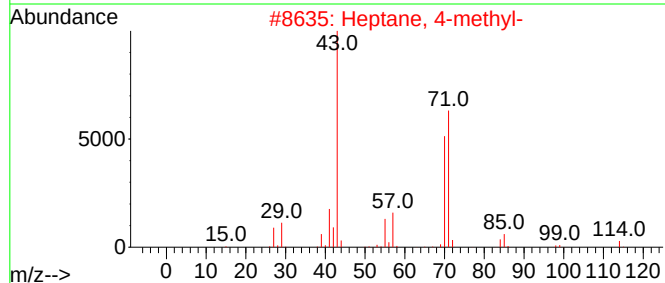
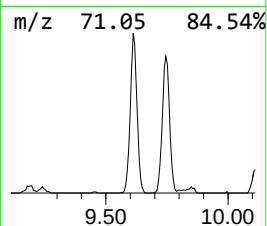
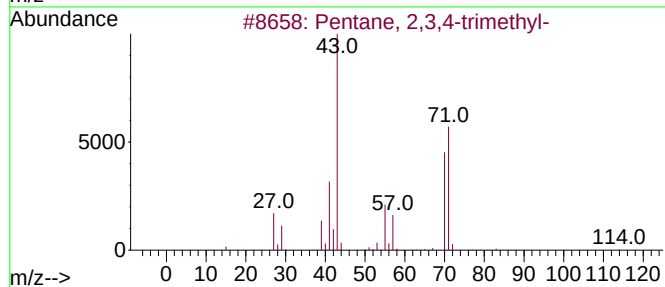
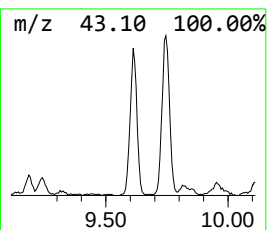
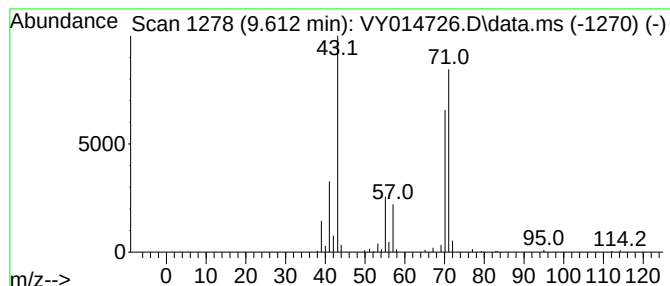
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2,3,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	5.28 ug/l	85788	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	78
5			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014726.D
Acq On : 20 Jul 2023 17:15
Operator : SY/MD
Sample : 03674-03
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WO-9

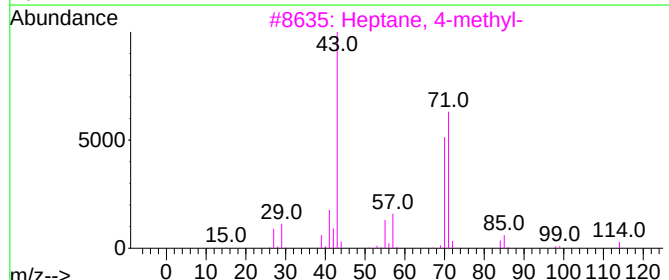
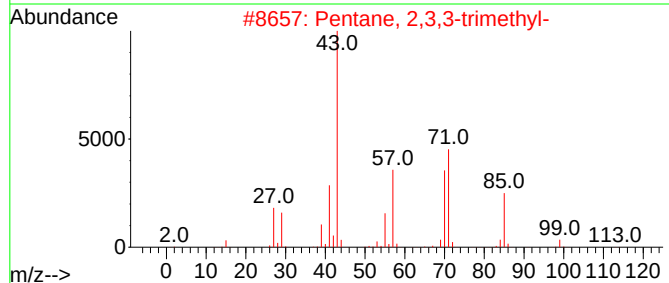
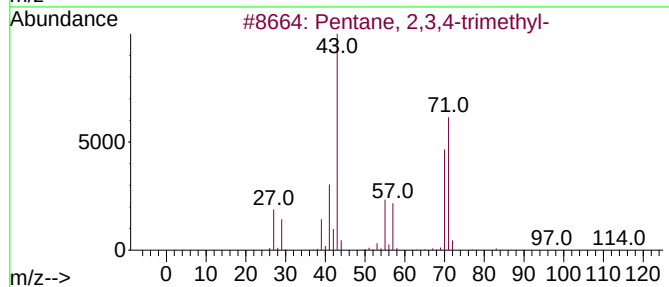
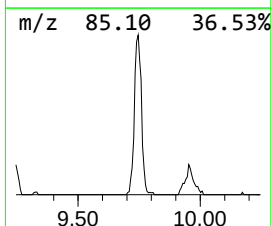
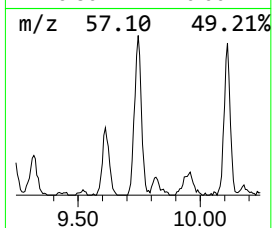
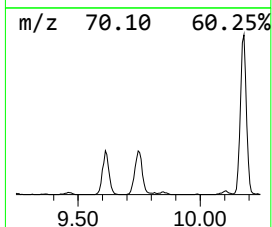
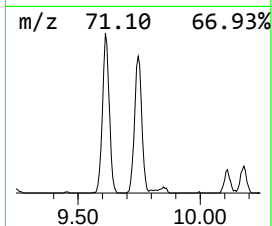
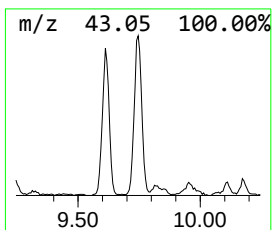
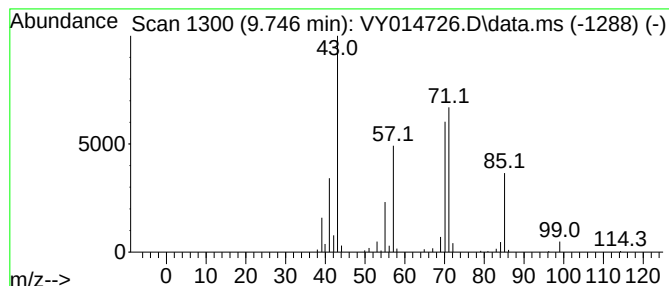
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	7.45 ug/l	120925	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
2			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014726.D
Acq On : 20 Jul 2023 17:15
Operator : SY/MD
Sample : 03674-03
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WO-9

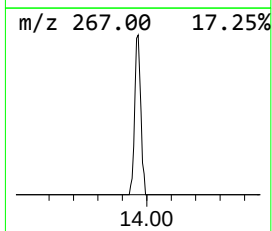
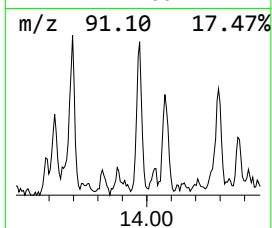
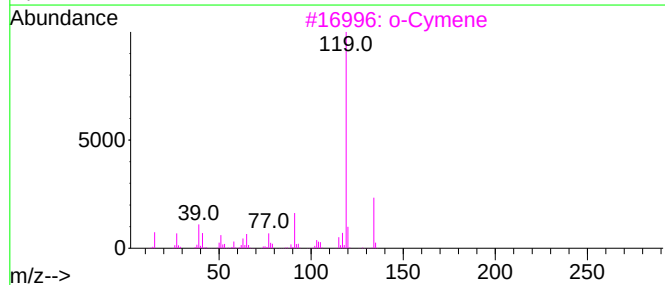
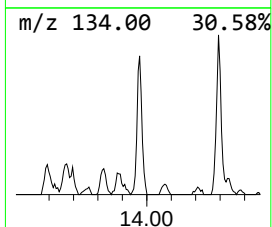
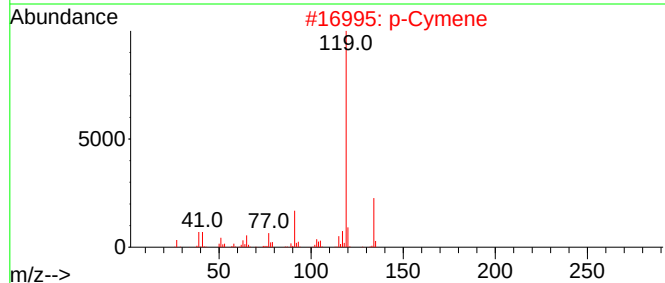
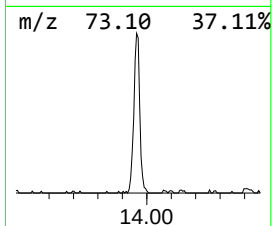
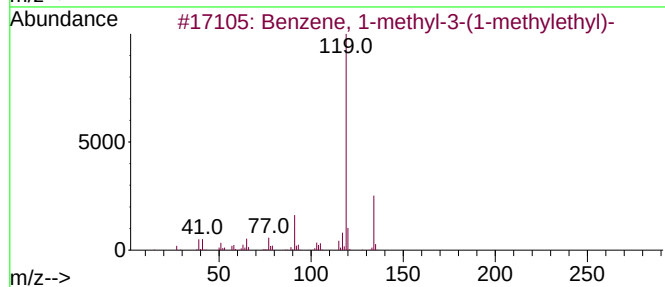
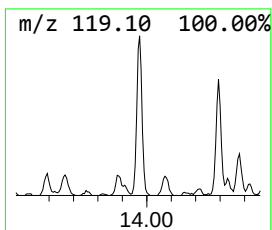
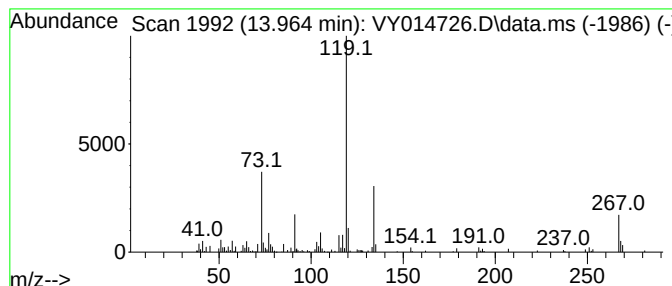
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.964	6.23 ug/l	87782	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2			p-Cymene	134	C10H14	000099-87-6	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014726.D
Acq On : 20 Jul 2023 17:15
Operator : SY/MD
Sample : 03674-03
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WO-9

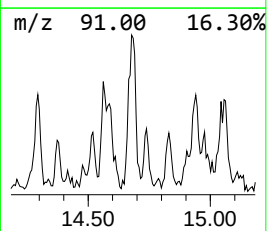
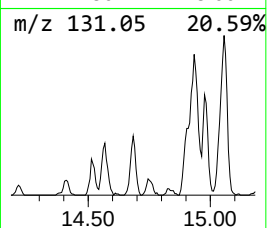
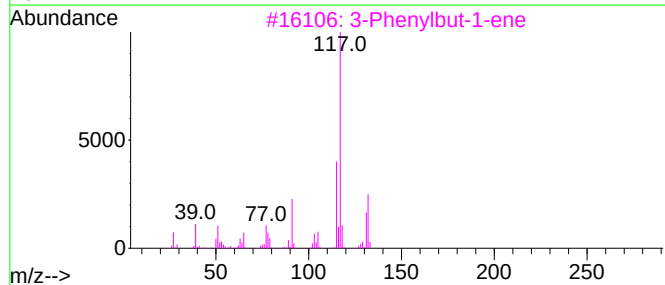
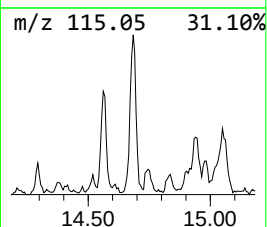
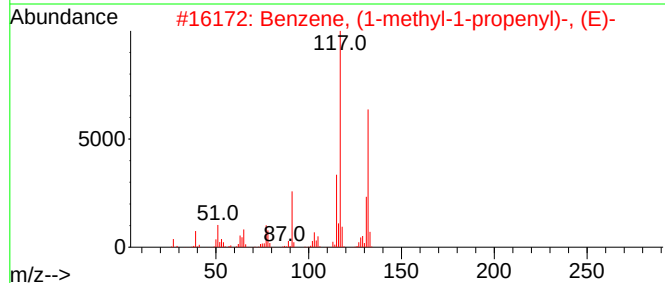
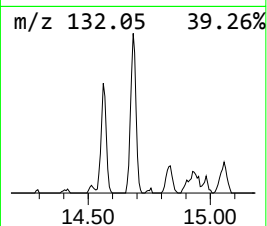
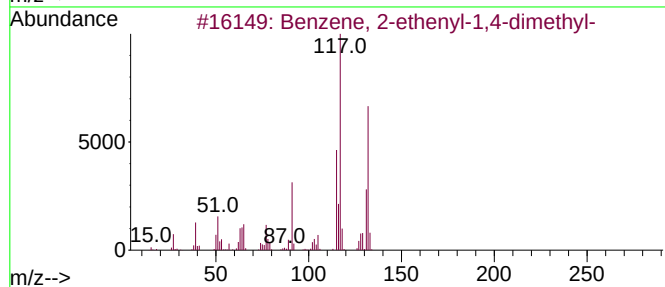
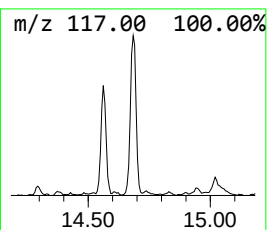
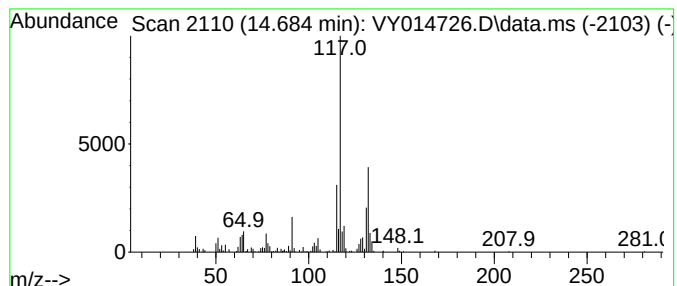
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	9.75 ug/l	137395	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014726.D
Acq On : 20 Jul 2023 17:15
Operator : SY/MD
Sample : 03674-03
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WO-9

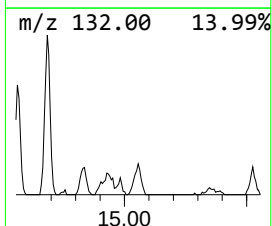
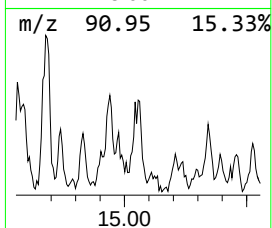
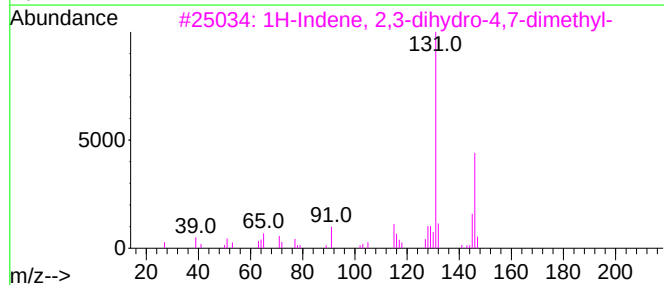
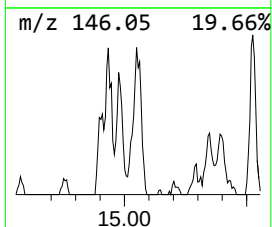
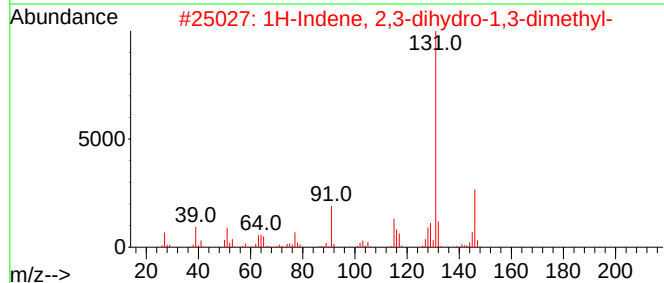
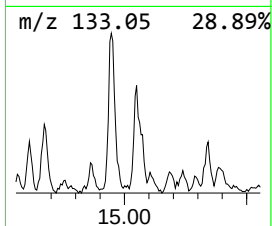
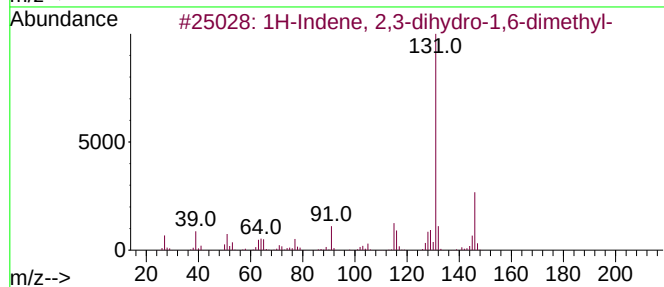
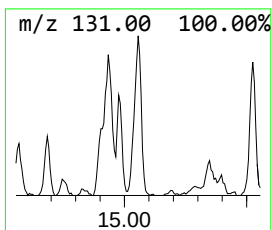
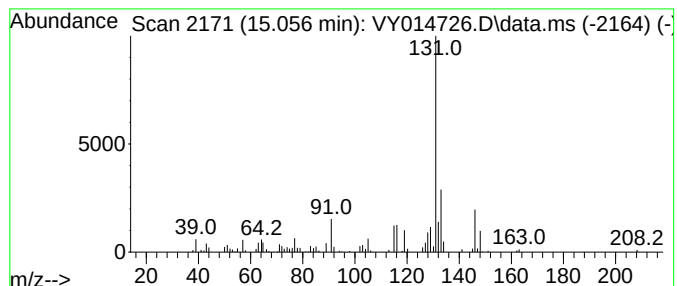
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	5.74 ug/l	80903	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	68
5			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014726.D
Acq On : 20 Jul 2023 17:15
Operator : SY/MD
Sample : 03674-03
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WO-9

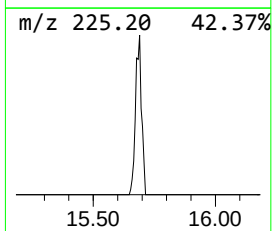
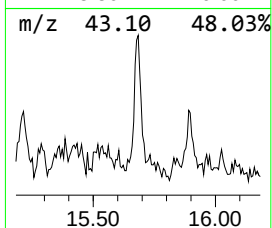
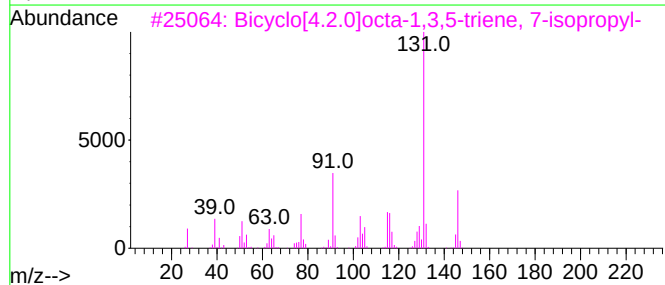
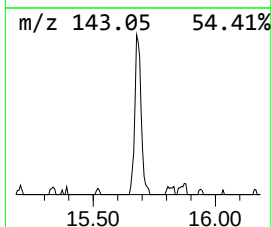
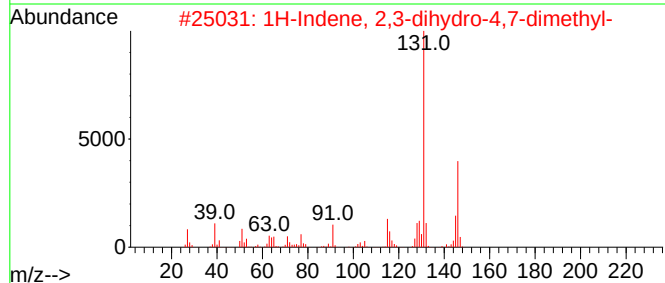
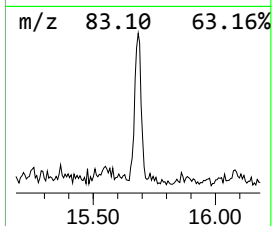
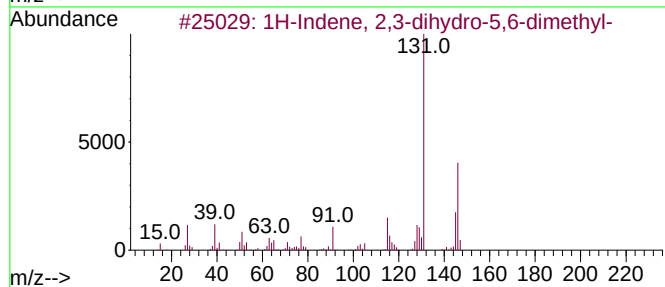
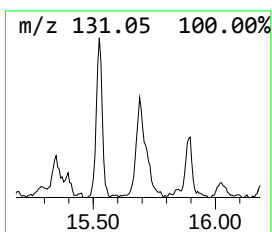
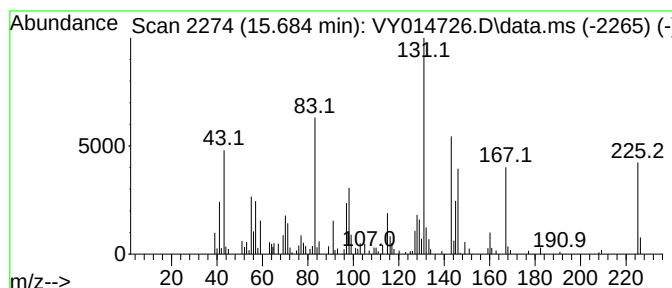
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.684	5.88 ug/l	82835	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	38
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	38
3			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	30
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	30
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014726.D
Acq On : 20 Jul 2023 17:15
Operator : SY/MD
Sample : 03674-03
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WO-9

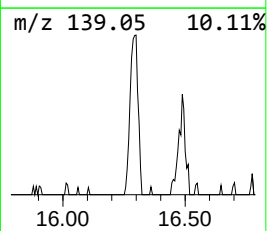
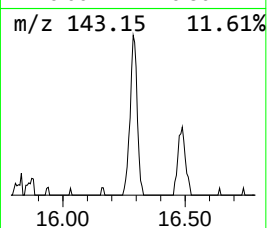
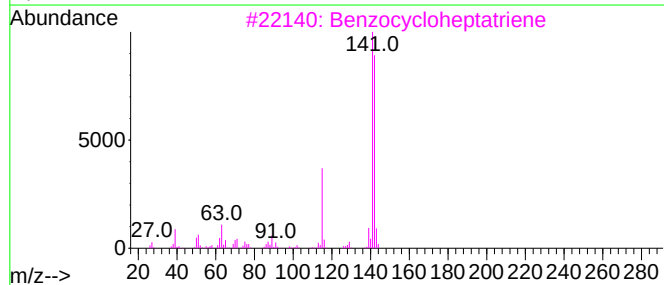
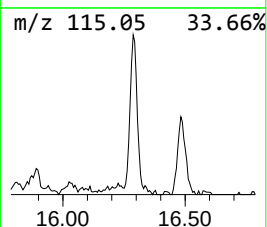
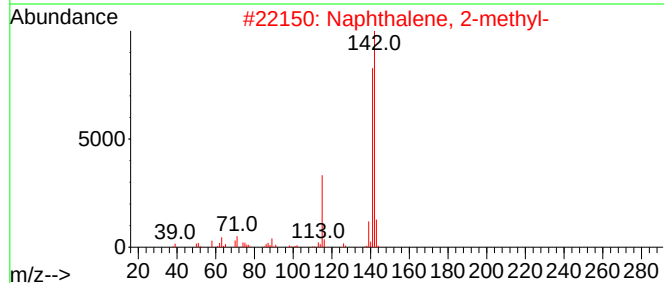
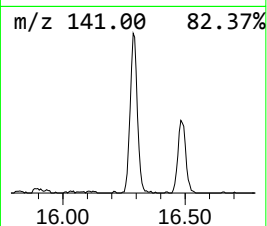
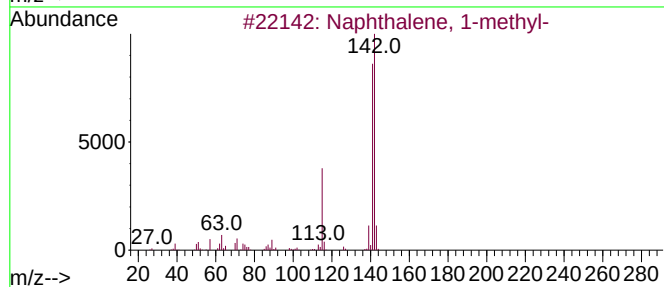
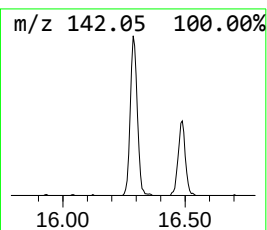
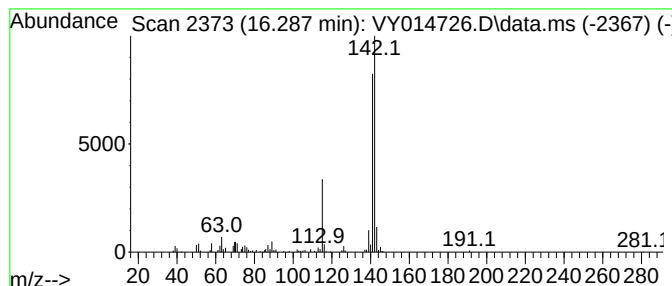
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	5.82 ug/l	82082	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			Naphthalene, 1-[(2-propenyloxy)m...]	198	C14H14O	074685-39-5	78
5			Naphthalene, 1-(2-hydroxypropyl)	186	C13H14O	027653-13-0	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014726.D
Acq On : 20 Jul 2023 17:15
Operator : SY/MD
Sample : 03674-03
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WO-9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.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
Pentane, 2,3,4-...	9.612	5.3	ug/l	85788	2	8.685	811971	50.0
Pentane, 2,3,3-...	9.746	7.5	ug/l	120925	2	8.685	811971	50.0
Benzene, 1-meth...	13.964	6.2	ug/l	87782	4	13.422	704659	50.0
Benzene, 2-ethe...	14.684	9.8	ug/l	137395	4	13.422	704659	50.0
1H-Indene, 2,3-...	15.056	5.7	ug/l	80903	4	13.422	704659	50.0
1H-Indene, 2,3-...	15.684	5.9	ug/l	82835	4	13.422	704659	50.0
Naphthalene, 1-...	16.287	5.8	ug/l	82082	4	13.422	704659	50.0