

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002390.D
 Acq On : 17 Apr 2020 11:53
 Operator : SY/MD
 Sample : L2284-01
 Misc : 7.51G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-(4-5)

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.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	1.871	18	22	32	rVB3	6976	14790	1.47%	0.169%
2	2.261	78	86	93	rVB2	5489	10221	1.02%	0.117%
3	3.981	360	368	378	rBV	11072	30040	2.99%	0.343%
4	4.225	398	408	419	rBV2	4905	14244	1.42%	0.163%
5	4.767	485	497	498	rBV5	8440	23877	2.38%	0.273%
6	4.792	499	501	514	rVB3	9093	25064	2.49%	0.287%
7	5.273	568	580	596	rVB3	22093	82092	8.17%	0.938%
8	5.779	650	663	677	rBV	55486	173806	17.29%	1.987%
9	6.822	822	834	845	rBV3	39327	121038	12.04%	1.384%
10	7.023	855	867	879	rBV2	4207	12479	1.24%	0.143%
11	7.742	975	985	991	rBV	119189	284061	28.26%	3.247%
12	7.815	991	997	1009	rVB	200180	450338	44.81%	5.148%
13	8.163	1045	1054	1065	rVB	110241	244034	24.28%	2.790%
14	8.712	1135	1144	1154	rBV	337647	664745	66.14%	7.599%
15	10.193	1379	1387	1392	rBV	575005	974339	96.94%	11.138%
16	10.254	1392	1397	1405	rVB	585797	1005102	100.00%	11.490%
17	10.382	1410	1418	1424	rVB4	14133	30471	3.03%	0.348%
18	10.528	1438	1442	1449	rVB	17644	30896	3.07%	0.353%
19	10.632	1449	1459	1464	rBV2	18174	34413	3.42%	0.393%
20	10.815	1483	1489	1493	rVB	8339	13038	1.30%	0.149%
21	10.979	1511	1516	1519	rVV2	15629	26852	2.67%	0.307%
22	11.047	1523	1527	1531	rVV	31649	52604	5.23%	0.601%
23	11.101	1531	1536	1541	rVV	33850	60270	6.00%	0.689%
24	11.156	1541	1545	1548	rVV2	7732	10898	1.08%	0.125%
25	11.211	1548	1554	1558	rVV3	12131	20626	2.05%	0.236%
26	11.303	1558	1569	1578	rVB4	42008	114134	11.36%	1.305%
27	11.388	1578	1583	1588	rBV	23441	38432	3.82%	0.439%
28	11.498	1595	1601	1611	rVB	490046	810183	80.61%	9.262%
29	11.601	1611	1618	1627	rVV	240698	415310	41.32%	4.748%
30	11.711	1627	1636	1646	rVV	410446	862937	85.86%	9.865%
31	11.790	1646	1649	1654	rVB2	18646	29589	2.94%	0.338%
32	12.040	1677	1690	1697	rBV	428968	727426	72.37%	8.316%
33	12.211	1714	1718	1722	rBV3	9310	13511	1.34%	0.154%
34	12.491	1757	1764	1771	rBV	356178	572123	56.92%	6.540%

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TP-11-(4-5)

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

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35	13.436	1912	1919	1929	rBV	469314	737655	73.39%	8.433%
36	14.686	2118	2124	2131	rBV4	7873	15992	1.59%	0.183%

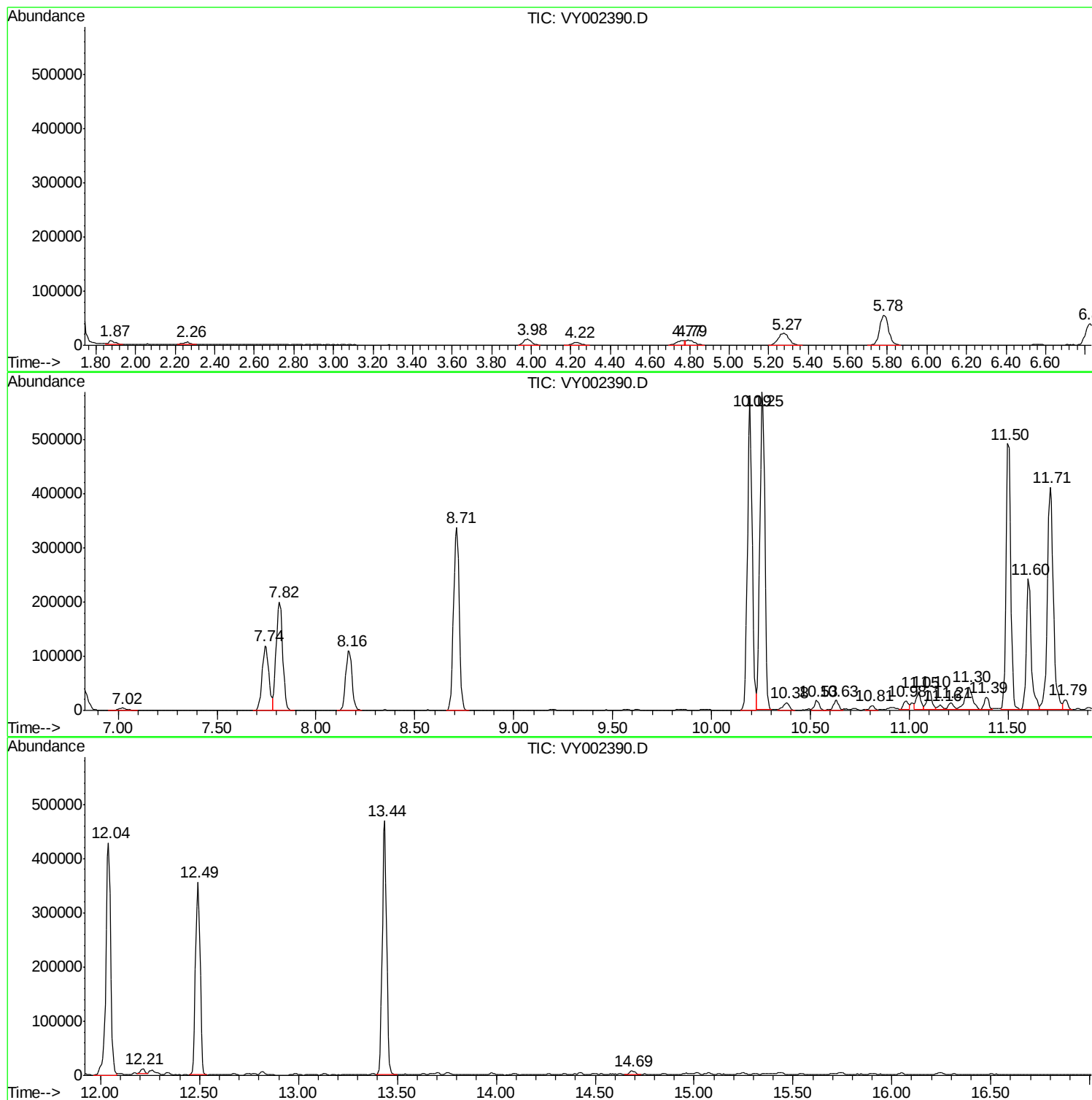
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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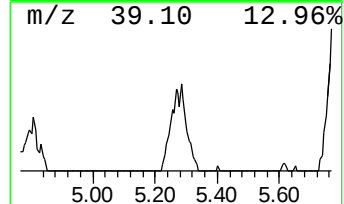
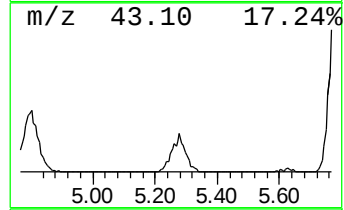
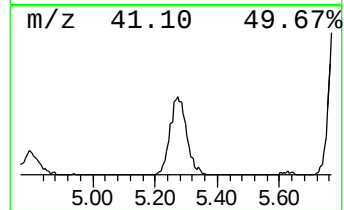
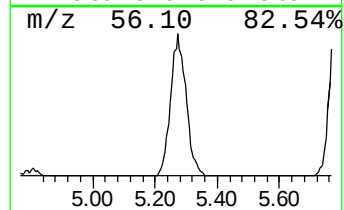
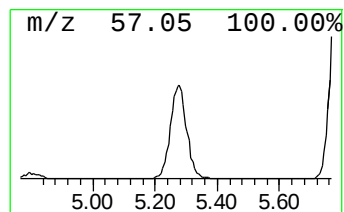
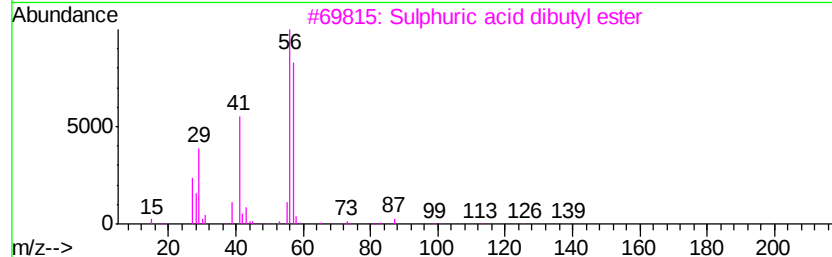
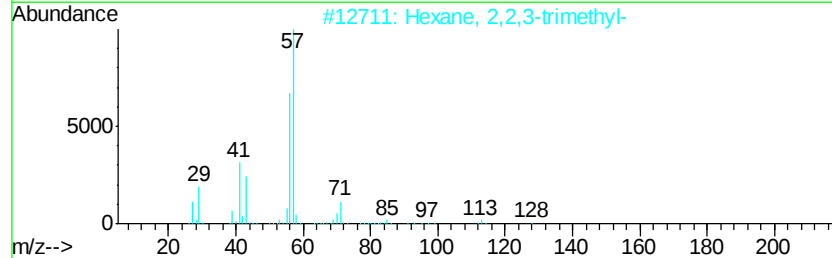
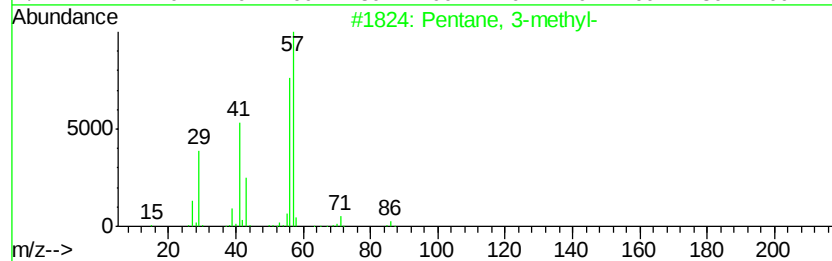
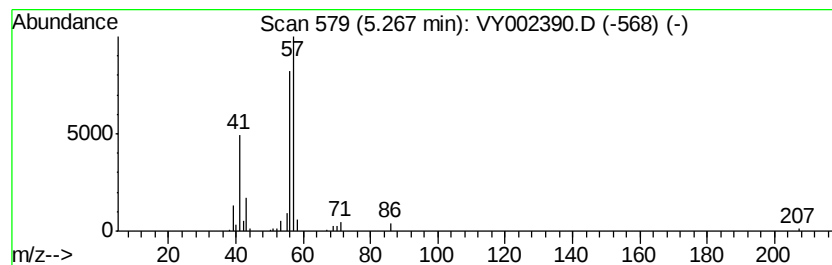
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	9.11 ug/l	82092	Pentafluorobenzene	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	72
2		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	43
3		Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	40
5		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	40



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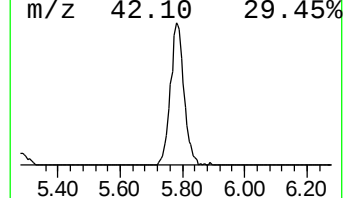
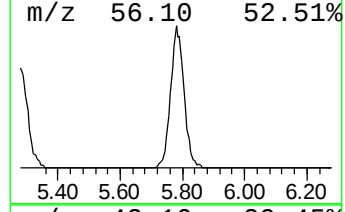
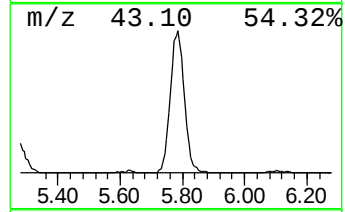
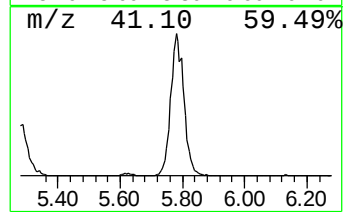
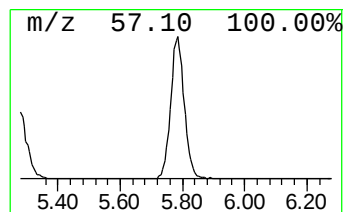
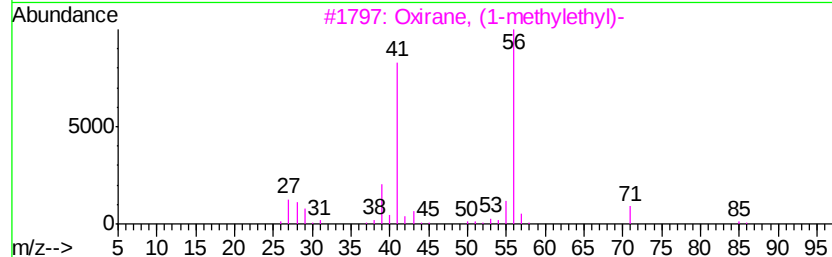
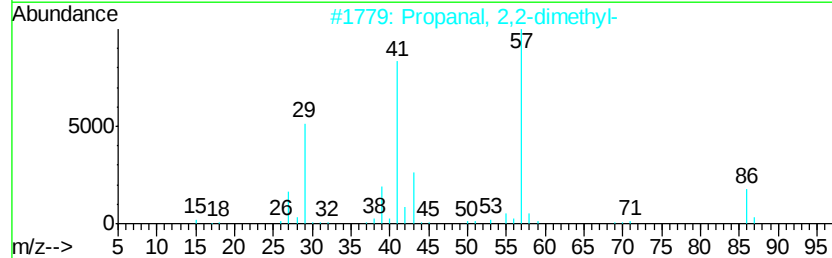
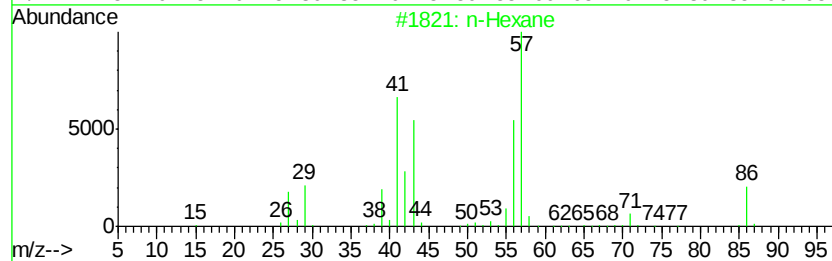
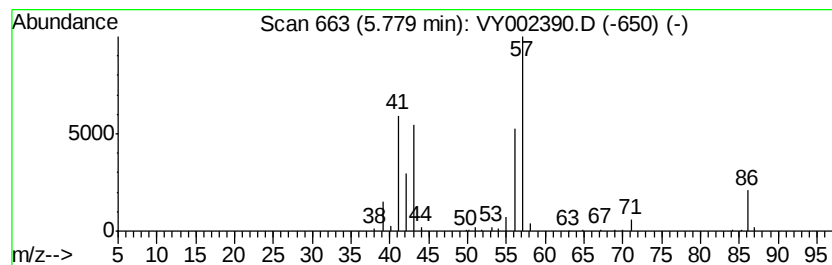
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 Quant Title : SW846 8260

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 TIC Integration Parameters: LSCINT.P

 Peak Number 2 n-Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	19.30 ug/l	173806	Pentafluorobenzene	7.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane		86	C6H14	000110-54-3	94
2	Propanal, 2,2-dimethyl-		86	C5H10O	000630-19-3	38
3	Oxirane, (1-methylethyl)-		86	C5H10O	001438-14-8	38
4	Morpholine		87	C4H9NO	000110-91-8	38
5	Pentane, 2,2,3,4-tetramethyl-		128	C9H20	001186-53-4	33



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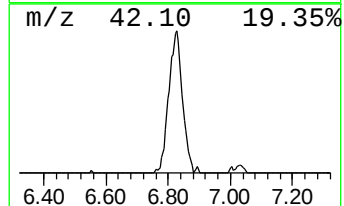
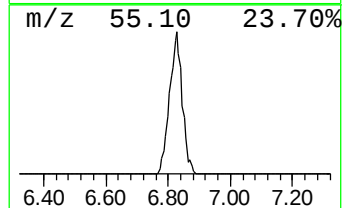
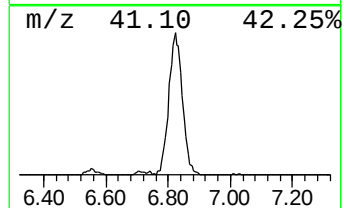
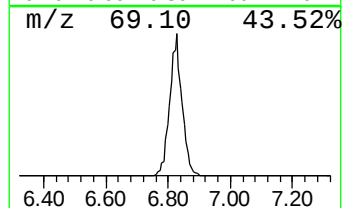
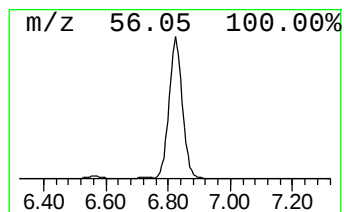
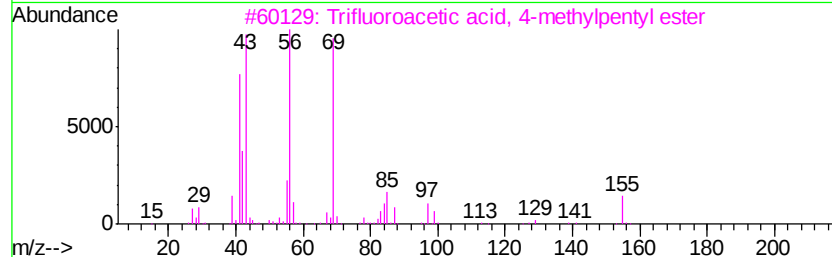
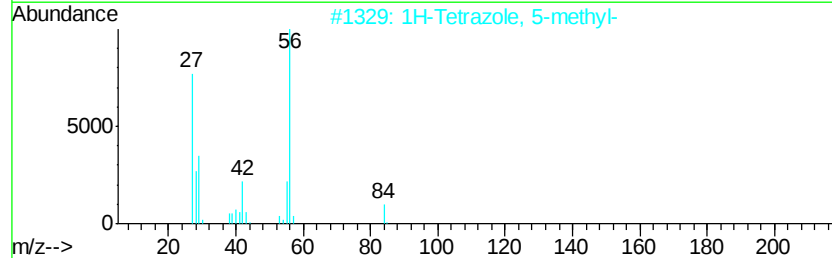
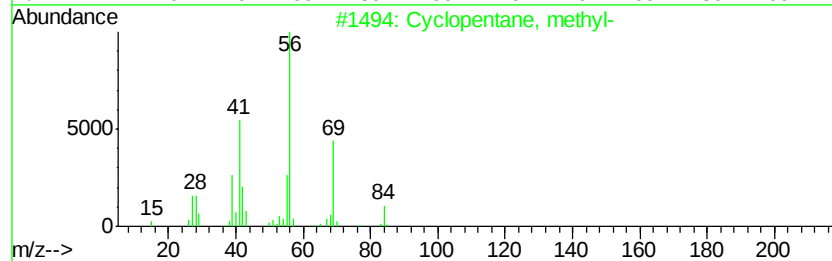
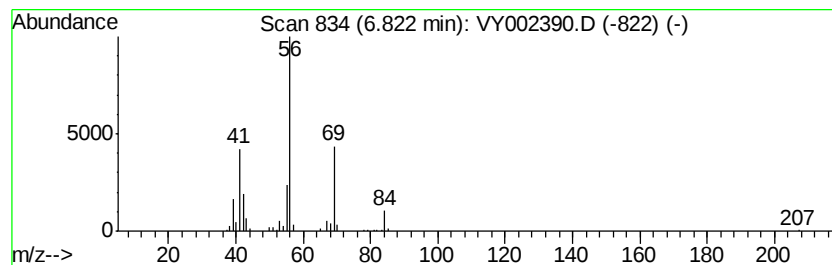
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	13.44 ug/l	121038	Pentafluorobenzene	7.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
3		Trifluoroacetic acid, 4-methylpe...	198	C8H13F3O2	000327-71-9	56
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	53
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43



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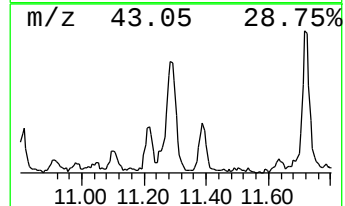
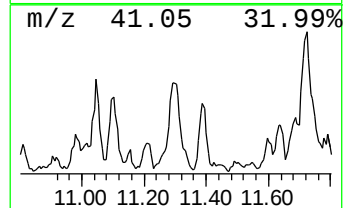
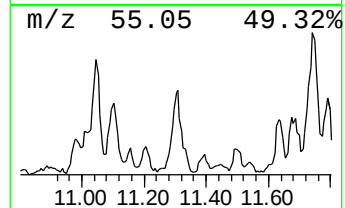
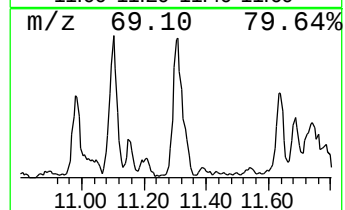
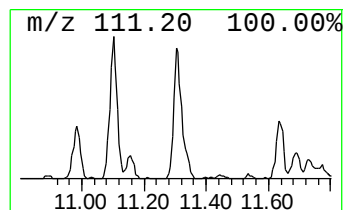
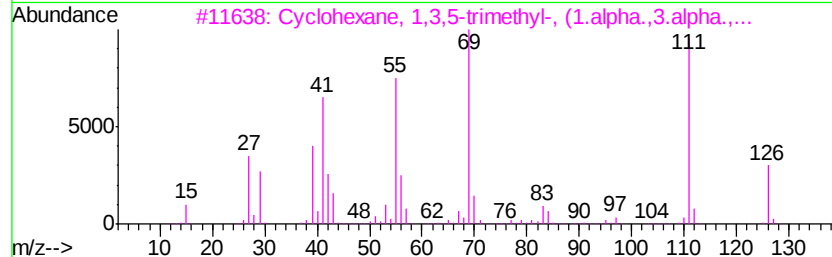
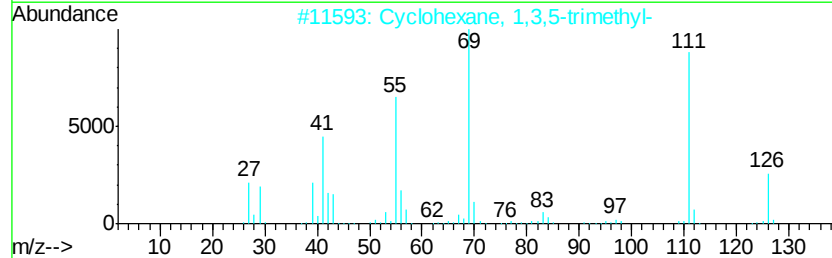
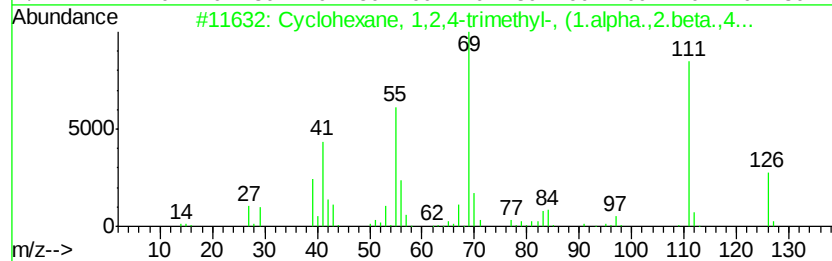
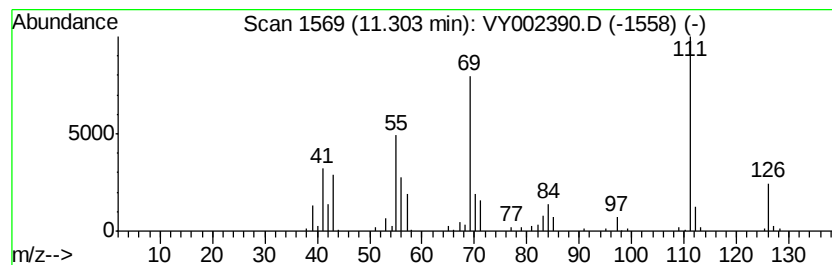
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1,2,4-trimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	7.04 ug/l	114134	Chlorobenzene-d5	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	93
2		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
3		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	80
4		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	74
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64



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

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Pentane, 3-methyl-	5.27	9.1	ug/l	82092	1	7.82	450338	50.0
n-Hexane	5.78	19.3	ug/l	173806	1	7.82	450338	50.0
Cyclopentane, met...	6.82	13.4	ug/l	121038	1	7.82	450338	50.0
Cyclohexane, 1,2,...	11.30	7.0	ug/l	114134	3	11.50	810183	50.0